

Civil Aviation Directorate Malta Transport Centre Pantar Road Lija, LJA 2021 Malta

Tel: (356) 2555 5642

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AIC:

Nr. 001 / 2023 A

EFF: 23-Mar-2023

All correspondence should be addressed to:
Malta NOTAM Office
Malta Air Traffic Services Ltd.
Gate No. 4
Malta International Airport
Triq tal-Isqof
L-Imqabba MQB9057
Malta

Phone: (356) 22 35 55 43 Email: aip@maltats.com

FLIGHTS DEPARTING FROM LIBYA AND LANDING IN MALTA

All operators are advised that when requesting to land in Malta and the airport of origin is anywhere in Libya, they must submit a request to the Maltese Civil Aviation Directorate. The request shall also include a passenger manifest and also specify if any cargo and or mail will be carried on board the aircraft even if this will remain on board while the aircraft is in Malta.

Operators are advised that no aircraft originating from Libya shall be allowed to land in Malta unless a permit from the Civil Aviation Directorate has been issued.

All request should be sent on email: dutyofficer.cad@transport.gov.mt. For any information regarding these permits, the Civil Aviation Directorate Duty officer may be contacted on +356 79245202.



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AIC:

Nr. 001 / 2024 A

EFF: 28-Nov-2024

All correspondence should be addressed to:

AIP Department

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Malta International Airport

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AIRAC dates and other dates relevant for aeronautical publications 2025/2026

The dates mentioned below will be applied in the years 2025 and 2026 for the deadline, the publication and the implementation of aeronautical publications.

1. 2025 AIRAC publications

Deadline	Publication date	Effective date
25 Oct 24	12 Dec 24	23 Jan 25
22 Nov 24	09 Jan 25	20 Feb 25
20 Dec 24	06 Feb 25	20 Mar 25
17 Jan 25	06 Mar 25	17 Apr 25
14 Feb 25	03 Apr 25	15 May 25
14 Mar 25	01 May 25	12 Jun 25
11 Apr 25	29 May 25	10 Jul 25
09 May 25	26 Jun 25	07 Aug 25
06 Jun 25	24 Jul 25	04 Sep 25
04 Jul 25	21 Aug 25	02 Oct 25
01 Aug 25	18 Sep 25	30 Oct 25
29 Aug 25	16 Oct 25	27 Nov 25
26 Sep 25	13 Nov 25	25 Dec 25



2. 2026 AIRAC publications

Deadline	Publication date	Effective date
24 Oct 2025	11 Dec 2025	22 Jan 2026
21 Nov 2025	08 Jan 2026	19 Feb 2026
19 Dec 2025	05 Feb 2026	19 Mar 2026
16 Jan 2026	05 Mar 2026	16 Apr 2026
13 Feb 2026	02 Apr 2026	14 May 2026
13 Mar 2026	30 Apr 2026	11 Jun 2026
10 Apr 2026	28 May 2026	09 Jul 2026
08 May 2026	25 Jun 2026	06 Aug 2026
05 Jun 2026	23 Jul 2026	03 Sep 2026
03 Jul 2026	20 Aug 2026	01 Oct 2026
31 Jul 2026	17 Sep 2026	29 Oct 2026
28 Aug 2026	15 Oct 2026	26 Nov 2026
25 Sep 2026	12 Nov 2026	24 Dec 2026

Important note

Due the entry into force of the commission regulation (EU) No. 73/2010 it is pointed out that adherence to the deadline is required.

Publication requests received after the deadline for the intended effective date can at the earliest be considered for the next effective date.

ICAO recommendation

The use of the date in the AIRAC cycle which occurs between 21 December and 17 January (both dates inclusive) should be avoided as an effective date for the introduction of significant changes under the AIRAC system.



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Malta

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AIC:

Nr. 002 / 2024 A

EFF: 28-Nov-2024

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CHECKLIST OF AERONAUTICAL INFORMATION CIRCULARS (AIC)

The following AIC are in force as of 28 NOV 2024:

- AIC 001/2023 Flights departing from Libya and landing in Malta
- AIC 001/2024 AIRAC dates and other dates relevant for aeronautical publications 2025/2026
- AIC 002/2024 Checklist of aeronautical information circulars (AIC)



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MALTA

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AIC:

Nr. 001 / 2025 A

EFF: 25-Sep-2025

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RESTRICTIONS DUE TO MALTA INTERNATIONAL AIRSHOW 2025

- The 28th edition of the Malta International Airshow will be held in St Paul's Bay between the 27th and 28th 1 September 2025.
- Restrictions will be applied for this event from the 25th September to 29th September 2025 as indicated 2
- 3 Restricted areas designated TSA-28A and TSA-28B will be established for aerobatic displays which will be tactically activated by ATC. TSA-28A/B are centred on the display datum N355740 E0142523 and defined as follows:

TSA-28A

An arc 5 NM radius centred on display datum joining the points N355522 E0141954 - N355956 E0143052 including lateral buffers.

TSA-28B

An arc 7 NM radius centred on display datum joining the points N355430 E0141742 – N360052 E0143302 including lateral buffers.

The activation of TSA-28A and TSA-28B will be subject to flow control and tactical ATC restrictions which may result in delays to non-participating aircraft.

- A restricted area designated TSA-28L will be established for the aerobatic display teams. TSA-28L is 4 defined as a circle 10 NM radius centred on the display datum including lateral buffers. The activation of TSA-28L will require the closure of LMML aerodrome for all arrivals and departures.
- 5 Unless specifically authorised by ATC, entry of all non-participating aircraft is prohibited into the restricted areas during the activation periods of the TSA-28 areas.

6 **IFR Flight Restrictions**

- International arrivals and departures may be subject to delays due to airshow arrivals and a. departures.
- b. International arrivals and departures will be affected by the activation of the TSA-28 areas due to airshow displays as indicated below. All times stated are in UTC.
- When TSA-28A and TSA-28B areas are activated, the following restrictions apply: C.
 - Runway 13 is closed for arrivals except for airshow display recoveries including run-in and break procedures.



- Standard Instrument Departures (SIDs) are not available for departures. Expect ATC to assign radar heading departures.
- d. When TSA-28L area is activated, LMML aerodrome is closed for arrivals and departures.

e. THU 25 SEP 2025

- Airshow arrivals from 1000Z 1600Z.
- TSA-28A and TSA-28B tactically activated.
- TSA-28L activated from 1515Z 1600Z.

f. FRI 26 SEP 2025

- Airshow arrivals from 0800Z 1600Z.
- TSA-28A and TSA-28B tactically activated.
- TSA-28L activated from 1340Z 1425Z and from 1530Z 1615Z.

g. SAT 27 SEP 2025 and SUN 28 SEP 2025

- TSA-28A and TSA-28B tactically activated.
- TSA-28L activated from 1210Z 1300Z and from 1530Z 1620Z.

h. MON 29 SEP 2025

Airshow departures from 0600Z – 1400Z.

7 VFR Flight Restrictions

Operations of civil VFR flights will be suspended during the following periods:

THU 25 SEP	FRI 26 SEP	SAT 27 SEP	SUN 28 SEP	MON 29 SEP
1000Z – 1800Z	0600Z – 1800Z	0600Z – 1800Z	0600Z – 1800Z	0600Z – 1400Z

International VFR arrivals and departures not associated with the Malta International Airshow should avoid operations during the periods indicated above as heavy delays can be encountered.

8 Enquiries

- a. Enquiries related to ATC operations associated with the Malta International Airshow 2025 should be addressed to the MATS Airshow Cell on: airshow.atm@maltats.com
- b. Enquires related to the airshow event organization should be addressed to Malta Aviation Society on: operations@maltairshow.com
- c. Further information can be obtained from Malta International Airport as follows:
 - Head Airport Operations on: martin.dalmas@maltairport.com
 - Head Aerodrome Safety and Compliance on: robert.mizzi@maltairport.com



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AIC:

Nr. 002 / 2025 A

EFF: 15-May-2025

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Malta Air Traffic Services Ltd.
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FF-ICE R1 IMPLEMENTATION

1. Introduction and background

- 1.1 FF-ICE (Flight & Flow Information for a Collaborative Environment) is a concept from ICAO that is guided by the requirement to eliminate or reduce the limitations of the current ICAO flight plan format (FPL 2012) and to accommodate the future environment detailed in the Global ATM Operational Concept (Doc 9854).
- 1.2 FF-ICE refers to flight and flow information necessary for the notification, management, and coordination of flights between members of the ATM community within a collaborative environment.
- 1.3 FF-ICE/R1 (Release 1) primarily refers to pre-departure data and procedures. This is the first step towards full FF-ICE deployment and initiates the transition to the new types of information exchanges required by TBO (Trajectory Based Operations) and enabled by SWIM (System Wide Information Management).
- 1.4 The technical and operational requirements in this circular derive from European Commission implementing regulation (EU) 2021/116 (Common Project One or CP1) and the SESAR Deployment Programme 2022 (SDP2022).
- 1.5 FF-ICE flight plan data must be used to enhance the quality of the planned trajectory information in all systems that currently use FPL 2012.
- 1.6 FF-ICE/R1 will therefore be introduced as a requirement for stakeholders (ANSPs, airspace users, Network Manager) operating in the FIRs/UIRs of EU Member States plus Switzerland and Norway and the oceanic transition areas of Shanwick FIR, where flight planning is required for IFR flights.
- 1.7 The intention of this circular is to:
 - a. notify airspace users of the FF-ICE requirements that will apply to them.
 - b. provide airspace users with high level information on the means to comply with the FF-ICE requirements that apply to them.
 - explain where and how to find additional information and support.

2. Explanation of benefits

- 2.1 FF-ICE/R1 will help to overcome many limitations of FPL 2012, allowing ANSPs to optimise their resources, airspace users to fly closer to their preferred trajectories and is an enabler for future TBO.
- 2.2 Implementation of the (mandatory for airspace users) FF-ICE Filing Service will enable the airspace users to share more detailed trajectory information with the EUROCONTROL Network Manager (NM) and ANSPs. Airspace users will therefore, based on known constraints, be offered opportunities to optimise flight operations earlier and more accurately.



2.3 Implementation of the (optional for airspace users) FF-ICE Trial Service will allow an airspace user to test out alternative trajectories without committing to them; with this, airspace users will be able to assess the feasibility of alternative trajectories before submitting a change to their filed flight plans.

3. Requirements & recommendations for airspace users

- 3.1 FF-ICE flight plan data must be exchanged to enhance the quality of the planned trajectory information, thus enhancing flight planning and complexity assessments.
- 3.2 Airspace users shall consume the Filing Service provided by NM in support of information exchange of FF-ICE.
- 3.3 Airspace users are not mandated to consume the Trial Service but are recommended to upgrade their systems to be able to use it.

4. FF-ICE compliance requirements for airspace users

- 4.1 For airspace users, consumption of the Filing Service (mandatory for airspace users) using NM B2B services means:
 - a. Use of the NM B2B Filing Service to file/update/cancel FF-ICE flight plans (also referred to as eFPLs) and to receive an immediate submission response and filing status.
 - b. Use of the NM B2B Data Publication Service or the NM B2B Flight Data Request Service to ensure that submission response and filing status updates can be received.
- 4.2 For airspace users, consumption of the Trial Service (optional but recommended for airspace users) means use of the NM B2B Trial Service. This service is similar to the request/reply interface of the NM B2B Filing Service, with the exception that Trial Service data will not be retained by the NM system. Use of the NM B2B Trial Service by airspace users is therefore expected to be a straightforward and low-cost development.

5. Area of applicability

- 5.1 The FIRs/UIRs of EU Member States plus Switzerland and Norway and the oceanic transition areas of Shanwick FIR, where flight planning is required for IFR flights.
- 5.2 Upper airspace: Amsterdam FIR (EHAA), Barcelona UIR (LECB), Bratislava FIR (LZBB), Brindisi UIR (LIBB), Brussels UIR (EBUR), Bucuresti FIR (LRBB), Budapest FIR (LHCC), Canarias UIR (GCCC), FIR Praha (LKAA), France UIR (LFFF), Hannover UIR (EDVV), Hellas UIR (LGGG), Helsinki FIR (EFIN), Koebenhavn FIR (EKDK), Lisboa FIR (LPPC), Ljubljana FIR (LJLA), Madrid UIR (LECM), Malta UIR (LMMM), Milano UIR (LIMM), Nicosia FIR (LCCC), Polaris FIR (ENOR), Rhein UIR (EDUU), Riga FIR (EVRR), Roma UIR (LIRR), Shannon UIR (EISN), Sofia FIR (LBSR), Sweden FIR (ESAA), Switzerland UIR (LSAS), Tallinn FIR (EETT), Vilnius UIR (EYVL), Warszawa FIR (EPWW), Wien FIR (LOVV), Zagreb FIR/ UIR (LDZO)
- 5.3 Lower airspace: Amsterdam FIR (EHAA), Athinai FIR (LGGG), Barcelona FIR (LECB), Bordeaux (LFBB), Bratislava FIR (LZBB), Brest (LFRR), Bremen FIR (EDWW), Brindisi FIR (LIBB), Brussels FIR (EBBU), Bucuresti FIR (LRBB), Budapest FIR (LHCC), Canarias FIR (GCCC), FIR Praha (LKAA), Helsinki FIR (EFIN), Koebenhavn FIR (EKDK), Langen FIR (EDGG), Lisboa FIR (LPPC), Ljubljana FIR (LJLA), Madrid FIR (LECM), Malta FIR (LMMM), Marseille (LFMM), Milano FIR (LIMM), Muenchen FIR (EDMM), Nicosia FIR (LCCC), Paris FIR (LFFF), Polaris FIR (ENOR), Reims (LFEE), Riga FIR (EVRR), Roma FIR (LIRR), Shannon FIR (EISN), Sofia FIR (LBSR), Sweden FIR (ESAA), Switzerland FIR (LSAS), Tallinn FIR (EETT), Vilnius FIR (EYVL), Warszawa FIR (EPWW), Wien FIR (LOVV), Zagreb FIR/UIR (LDZO).
- 5.4 Shanwick FIR: NOTA (Northern Atlantic Transition Area), SOTA (Shannon Oceanic Transition Area) and BOTA (Brest Oceanic Transition Area).



5.5 For flights operated in other FIRs/UIRs within the IFPZ (Integrated Initial Flight Plan Processing System Zone) in addition to those listed above, the EUROCONTROL Network Manager will continue to support FPL 2012 and will provide an eFPL to FPL 2012 translation service for the FIRs/UIRs that are not listed above, where FF-ICE/R1 is not mandated to be implemented.

6. Applicable airspace users

- The requirements for airspace users set out in paragraph 4 apply to all GAT (General Air Traffic) operating under IFR (Instrument Flight Rules) in the area of applicability, including non-EU based airspace users.
- 6.2 This includes military GAT but does not include OAT (Operational Air Traffic).
- 7. Filing of FF-ICE flight plans through ATS reporting offices
- 7.1 Information will be available from EUROCONTROL LLSIP MALTA document.
- 8. Date of applicability
- 8.1 The requirements set out in this circular shall be applicable from 31 December 2025.
- 9. Exemptions
- 9.1 The following are exempt from the requirements of this circular:
 - a. VFR flights
 - b. OAT flights

10. Reference documentation

- European SWIM Registry
- EUROCONTROL Network Manager IFPS Users Manual
- NM B2B Reference Manual
- Commission Implementing Regulation (EU) 2021/116 (Common Project One)

11. Further Information

- 11.1 For additional information on FF-ICE, please contact the EUROCONTROL FF-ICE Support by email: ffice@eurocontrol.int
- 11.2 Further information on the policy, planning and implementation of FF-ICE R1 in Malta are available from EUROCONTROL LLSIP MALTA document.



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PART 1 - GENERAL (GEN)

GEN 0

GEN 0.1 PREFACE

1. Name of the publishing authority

1.1 The AIP MALTA is published by the Civil Aviation Directorate — Transport Malta.

2. Applicable ICAO documents

2.1 The AIP is prepared in accordance with the Standards and Recommended Practices (SARPs) of Annex 15 to the Chicago Convention and the *Aeronautical Information Services Manual* (ICAO Doc. 8126 - AN 872). Charts contained in the AIP are produced in accordance with Annex 4 to the Chicago Convention and the *Aeronautical Chart Manual* (ICAO Doc. 8697 - AN 889). Differences from ICAO Standards, Recommended Practices and Procedures are given in Subsection GEN 1.7.

3. The AIP structure and amendment interval

3.1 The AIP structure

The AIP forms part of the Integrated Aeronautical Information Package, details of which are given in subsection GEN 3.1. The principal AIP structure is shown in graphic form on page GEN 0.1-3. The AIP is made up of three parts, General (GEN), En-route (ENR) and Aerodromes (AD), each divided into sections and subsections as applicable, containing various types of information subjects.

3.2 Part 1 — General (GEN)

3.2.1 Part 1 consists of five sections containing information as briefly described hereafter.

GEN 0. — Preface; Record of AIP Amendments; Record of AIP Supplements; Checklist of AIP pages; List of hand amendments to the AIP; and the Table of Contents to Part 1.

- GEN 1. National regulations and requirements Designated authorities; Entry, transit and departure of aircraft; Entry, transit and departure of passengers and crew; Entry, transit and departure of cargo; Aircraft instruments, equipment and flight documents; Summary of national regulations and international agreements/conventions; and Differences from ICAO Standards, Recommended Practices and Procedures.
- GEN 2. Tables and codes Measuring system, aircraft markings, holidays; Abbreviations used in AIS publications; Chart symbols; Location indicators; List of radio navigation aids; Conversion tables; and Sunrise/Sunset tables.
- GEN 3. Services Aeronautical information services; Aeronautical charts; Air traffic services; Communication services; Meteorological services; and Search and rescue.
- GEN 4. Charges for aerodromes/heliports and air navigation services Aerodrome/heliport charges; and Air navigation services charges.

3.3 Part 2 — En-route (ENR)

3.3.1 Part 2 consists of seven sections containing information as briefly described hereafter.

ENR 0 — Preface; Record of AIP Amendments; Record of AIP Supplements; Checklist of AIP pages; List of hand amendments to the AIP; and the Table of Contents to Part 2.

ENR 1. General rules and procedures — General rules; Visual flight rules; Instrument flight rules; ATS airspace classification; Holding, approach and departure procedures; Radar services and procedures; Altimeter setting procedures; Regional supplementary procedures; Air traffic flow management; Flight planning; Addressing of flight plan messages; Interception of civil aircraft; Unlawful interference; and Air traffic incidents.

ENR 2. Air traffic services airspace — Detailed description of Flight information region (FIR); Upper flight information region (UIR); Terminal control area (TMA); and Other regulated airspace.

ENR 3. ATS routes — Detailed description of Lower ATS routes; Upper ATS (RNAV) routes; Area navigation routes; Helicopter routes; Other routes; and En-route holding.

Note: Other types of routes which are specified in connection with procedures for traffic to and from aerodromes/heliports are described in the relevant sections and subsections of Part 3 — Aerodromes.

ENR 4. Radio navigation aids/systems — Radio navigation aids - en-route; Special navigation systems; Name-code designators for significant points; and Aeronautical ground lights — en-route.

ENR 5. Navigation warnings — Prohibited, restricted and danger areas; Military exercise and training areas; Other activities of a dangerous nature; Air navigation obstacles - en-route; Aerial sporting and recreational activities; and Bird migration and areas with sensitive fauna.

ENR 6. En-route charts

3.4 Part 3 - Aerodromes (AD)

- 3.4.1 Part 3 consists of four sections containing information as briefly described hereafter.
 - AD 0. Preface; Record of AIP Amendments; Record of AIP Supplements; Checklist of AIP pages; List of hand amendments to the AIP; and the Table of Contents to Part 3.
 - AD 1. Aerodromes/Heliports Introduction Aerodrome/heliport availability; Rescue and fire fighting services; Index to aerodromes and heliports; and Grouping of aerodromes/heliports.
 - AD 2. Aerodromes Detailed information about aerodromes, listed under 24 subsections.
 - AD 3. Heliports Detailed information about heliports (not located at aerodromes), listed under 14 subsections.

3.5 Regular amendment interval

3.5.1 Amendment intervals will follow those established in the Table of AIRAC Amendment Dates, GEN 3.1-3 section 4.3, however if no new information or amendments are submitted for publication for the forthcoming AIRAC date, a NIL notification will be issued by NOTAM not later than one AIRAC cycle before the AIRAC effective date concerned.

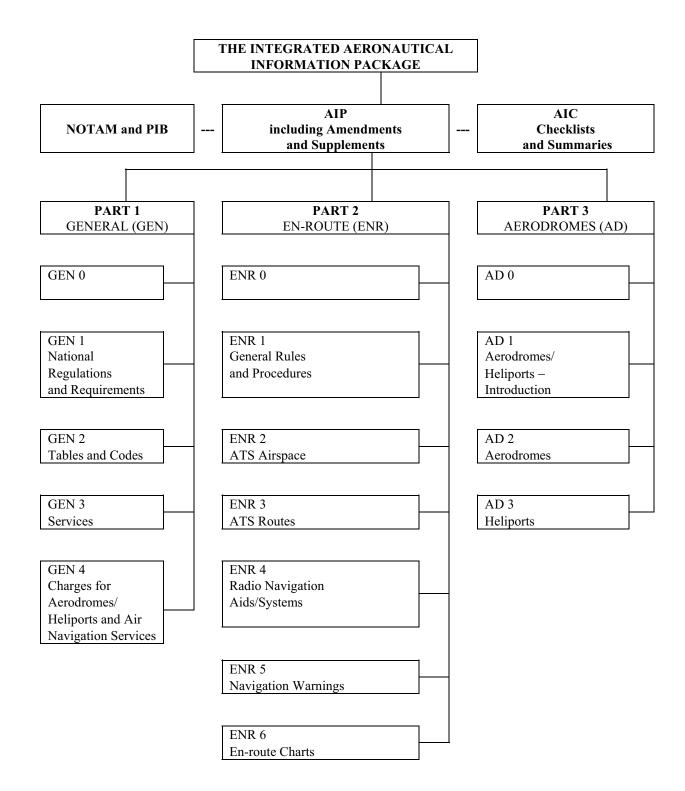
4. Service to contact in case of detected AIP errors or omissions

4.1 In the compilation of the AIP, care has been taken to ensure that the information contained therein is accurate and complete. Any errors or omissions which may nevertheless be detected, as well as any correspondence concerning the Integrated Aeronautical Information Package, should be referred to:

Malta AIP Office
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GEN-0.1 - 4
03 APR 2014
AIP

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GEN 0.2 RECORD OF AIP AMENDMENTS

AIRAC AIP Amendments				
NR/Year	Publication date	Effective date	Inserted by	
001/2014	17-Apr-2014	29-May-2014		
002/2014	12-Jun-2014	24-Jul-2014		
003/2014	02-Oct-2014	13-Nov-2014		
004/2014	30-Oct-2014	11-Dec-2014		
005/2015	19-Mar-2015	30-Apr-2015		
006/2015	14-May-2015	25-Jun-2015		
007/2015	03-Sep-2015	15-Oct-2015		
008/2015	29-Oct-2015	10-Dec-2015		
009/2015	24-Dec-2015	04-Feb-2016		
010/2016	25-Jan-2016	31-Mar-2016		
011/2016	18-Feb-2016	28-Apr-2016		
012/2016	23-Mar-2016	26-May-2016		
013/2016	09-Jun-2016	21-Jul-2016		
014/2016	01-Sep-2016	13-Oct-2016		
015/2016	16-Oct-2016	08-Dec-2016		
016/2017	24-Nov-2016	05-Jan-2017		
017/2017	11-May-2017	22-Jun-2017		
018/2017	06-Jul-2017	17-Aug-2017		
019/2018	15-Nov-2017	04-Jan-2018		
020/2018	15-Feb-2018	29-Mar-2018		
021/2018	29-Mar-2018	24-May-2018		
022/2018	10-May-2018	21-Jun-2018		
023/2018	05-Jul-2018	16-Aug-2018		
024/2018	02-Aug-2018	13-Sep-2018		
025/2018	30-Aug-2018	11-Oct-2018		
026/2018	27-Sep-2018	08-Nov-2018		
027/2018	25-Oct-2018	06-Dec-2018		
028/2019	20-Dec-2018	31-Jan-2019		
029/2019	14-Feb-2019	28-Mar-2019		
030/2019	14-Mar-2019	25-Apr-2019		
031/2019	09-May-2019	20-Jun-2019		
032/2019	01-Aug-2019	12-Sep-2019		
033/2019	26-Sep-2019	07-Nov-2019		
034/2020	19-Dec-2019	30-Jan-2020		
035/2020	12-Mar-2020	23-Apr-2020		
036/2020	02-Jul-2020	13-Aug-2020		
037/2020	27-Aug-2020	08-Oct-2020		
038/2020	24-Sep-2020	05-Nov-2020		

NR/Year	Publication	Effective	
TTT V T OUT	date	date	Inserted by
039/2020	22-Oct-2020	03-Dec-2020	
040/2021	11-Mar-2021	22-Apr-2021	
041/2021	08-Apr-2021	20-May-2021	
042/2021	03-Jun-2021	15-Jul-2021	
043/2021	26-Aug-2021	07-Oct-2021	
044/2021	23-Sep-2021	04-Nov-2021	
045/2021	04-Nov-2021	30-Dec-2021	
046/2022	16-Dec-2021	27-Jan-2022	
047/2022	13-Jan-2022	24-Feb-2022	
048/2022	10-Feb-2022	24-Mar-2022	
049/2022	05-May-2022	16-Jun-2022	
050/2022	02-Jun-2022	14-Jul-2022	
051/2022	25-Aug-2022	06-Oct-2022	
052/2022	17-Nov-2022	29-Dec-2022	
053/2023	09-Feb-2023	23-Mar-2023	
054/2023	09-Mar-2023	20-Apr-2023	
055/2023	06-Apr-2023	18-May-2023	
056/2023	04-May-2023	15-Jun-2023	
057/2023	01-Jun-2023	13-Jul-2023	
058/2023	29-Jun-2023	10-Aug-2023	
059/2023	24-Aug-2023	05-Oct-2023	
060/2023	21-Sep-2023	02-Nov-2023	
061/2023	19-Oct-2023	30-Nov-2023	
062/2023	16-Nov-2023	28-Dec-2023	
063/2024	11-Jan-2024	22-Feb-2024	
064/2024	07-Mar-2024	18-Apr-2024	
065/2024	02-May-2024	13-Jun-2024	
066/2024	30-May-2024	11-Jul-2024	
067/2024	27-Jun-2024	08-Aug-2024	
068/2024	19-Sep-2024	31-Oct-2024	
069/2024	17-Oct-2024	28-Nov-2024	
070/2025	12-Dec-2024	23-Jan-2025	
071/2025	06-Mar-2025	17-Apr-2025	
072/2025	03-Apr-2025	15-May-2025	
073/2025	01-May-2025	12-Jun-2025	

AIP Amendments					
NR/Year	Publication date	Date inserted	Inserted by		
001/2014 21-Nov-2014 21-Nov-2014					

GEN 0.3 RECORD OF AIP SUPPLEMENTS

NR/Year	Subject	AIP Section(s) Affected	Period of Validity	Cancellation Record
001/2014	Upgrading Works on Taxiway E at Malta International Airport (LMML)	AD	From 11-Feb-2014	End Date: 30-Mar-2014
002/2014	Temporary Diversion of Vehicular Traffic on Apron 9 at Malta International Airport	AD	From 14-Feb-2014	End Date: 30-Mar-2014
001/2015	Upgrading Works on Taxiway Charlie at Malta International Airport (LMML)	AD	From 05-Feb-2015	End Date: 28-Mar-2015
002/2015	New Aircraft Parking Layout on Apron 2	AD	From 20-Aug-2015	End Date: 15-Oct-2015
003/2015	Turn and Hold Markings on Taxiway H	AD	From 20-Aug-2015	End Date: 15-Oct-2015
001/2016	Pavement Rehabilitation Works on Apron 9 at Malta International Airport	AD	From 12-Feb-2016	End Date: 09-Apr-2016
002/2016	Construction of Code B Hangar Access Route at Malta International Airport (Opposite Taxiway Delta)	AD	From 12-Feb-2016	End Date: 31-Mar-2016
003/2016	Pavement Rehabilitation Works at Malta International Airport Apron 9 West	AD	From 27-Sep-2016	End Date: 27-Nov-2016
004/2016	Replacement of Instrument Landing System (ILS) at Malta International Airport (LMML)	AD	From 03-Oct-2016	End Date: 30-Oct-2016
001/2017	Upgrading of Taxiway Bravo at Malta International Airport (LMML)	AD	From 09-Jan-2017	End Date: 12-Feb-2017
002/2017	Upgrading of Taxiway Bravo at Malta International Airport (LMML)	AD	From 13-Feb-2017	End Date: 31-May-2017
003/2017	Reconstruction of Service Drive — Pre- Threshold Area Runway 23 Malta International Airport (LMML)	AD	From 16-Oct-2017	End Date: 12-Dec-2017
001/2018	Upgrading Works on Taxiway Delta at Malta International Airport (LMML)	AD	From 05-Feb-2018	End Date: 26-Mar-2018
002/2018	Pavement Rehabilitation Works at Malta International Airport Apron 8 — Phase II and Phase III	AD	From 10-Dec-2018	End Date: 30-Mar-2019
001/2019	Pavement Rehabilitation Works on Taxiway Echo at Malta International Airport (LMML)	AD	From 14-Jan-2019	End Date: 22-Mar-2019
001/2020	Pavement Rehabilitation of Taxilane India (Apron 8) at Malta International Airport	AD	From 06-Jan-2020	End Date: 27-Mar-2020
002/2020	Pavement Rehabilitation and Upgrading of the Fire Lane leading to Runway 13/31 at Malta International Airport	AD	From 13-Jan-2020	End Date: 27-Mar-2020
003/2020	Replacement of Runway 05 Approach Lights at Malta International Airport (MIA)	AD	From 05-May-2020	End Date: 17-Jul-2020
001/2022	Pavement Rehabilitation Works on Apron 9 Outer Stands 13 & 14 and Sections of Taxilanes Tango and Victor at Malta International Airport (LMML)	AD	From 01-Dec-2022	End Date: 10-Apr-2023
001/2023	Preparatory trenchwork for stopbars on Taxiway Zulu and Hold Short Runway 23/05 at Malta International Airport (LMML)	AD	From 20-Apr-2023	End Date: 08-Jun-2023
002/2023	Apron X Extension of Works (Airside) at Malta International Airport (LMML)	AD	From 15-Jun-2023	End Date: 28-Jun-2023

NR/Year	Subject	AIP Section(s) Affected	Period of Validity	Cancellation Record
003/2023	Runway 23/05 resurfacing at Malta International Airport (LMML)	AD	From 05-Oct-2023	End Date: 31-Mar-2024
004/2023	Extension of Apron X works (Airside) requiring the temporary diversion of service road and pavement repairs on Apron 9 at Malta International Airport (LMML)		From 02-Nov-2023	End Date: 30-Mar-2024
005/2023	Resurfacing of Runway 23/05 (Runway Intersection) at Malta International Airport (LMML)		From 02-Nov-2023	End Date: 10-Dec-2023
001/2024	Renumbering of Stands on Apron 8 and Apron 9 at Malta International Airport (LMML)		From 11-Jul-2024	End Date: 08-Aug-2024
002/2024	Opening of New Apron (Apron 8 South) at Malta International Airport (LMML)	AD	From 08-Aug-2024	End Date: 05-Sep-2024
003/2024	Pavement Rehabilitation Works on Apron 9 Outer Stand 9 and Section of Taxilane Victor at Malta International Airport (LMML)		From 31-Oct-2024	End Date: 31-Mar-2025

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GEN 1 NATIONAL REGULATIONS AND REQUIREMENTS

GEN 1.1 DESIGNATED AUTHORITIES

The addresses of the designated authorities concerned with facilitation of international air navigation are as follows:

1. Civil aviation

1.1 Director General for Civil Aviation

Transport Malta

Civil Aviation Directorate Malta Transport Centre

Pantar Road Lija, LJA 2021

Malta

Phone: (356) 77 42 95 49 (Mobile)
Phone: (356) 25 55 56 42 (Office)
Email: civil.aviation@transport.gov.mt
URL: http://www.transport.gov.mt/

2. Meteorology

2.1 Manager Meteorological Services

Malta International Airport plc.

Luqa LQA 4000

Malta

Phone: (356) 23 69 60 21 AFS: LMMLYMYX

Email: metoffice@maltairport.com

3. Customs

3.1 Director General

Customs House Lascaris Wharf Valletta VLT1920

Malta

Phone: (356) 25 68 51 01 Fax: (356) 25 68 53 00 Fax: (356) 21 24 61 50

3.2 Manager

Customs and Excise Section Malta International Airport

Malta

Phone: (356) 21 24 98 68 Phone: (356) 21 24 80 44 Phone: (356) 21 22 34 68 Fax: (356) 21 80 87 57

3.3 Officer in charge

Customs Air Freight Section Malta International Airport

Malta

Phone: (356) 21 22 29 65 Phone: (356) 21 25 05 16 Phone: (356) 21 25 05 17 Fax: (356) 21 23 38 15 GEN-1.1 - 2 AIP 18 MAY 2023 MALTA

3.4 Senior Inspector in charge

Customs Express Freight Office Malta International Airport

Malta

Phone: (356) 21 25 70 28 Fax: (356) 21 22 60 76

4. Immigration

4.1 The Commissioner of Police

Police Headquarters

Floriana Malta

Phone: (356) 22 94 00 00 Fax: (356) 21 23 54 67

4.2 Police Immigration Control

Malta International Airport

Malta

Phone: (356) 23 69 61 89 (arrivals)
Phone: (356) 23 69 61 90 (arrivals)
Phone: (356) 23 69 64 16 (departures)

Fax: (356) 21 22 29 41

4.3 Airport Police Station

Malta International Airport

Malta

Phone: (356) 23 69 63 99

5. Aviation security

5.1 Ministry for Home Affairs, Security, Reforms and Equality

201, Strait Street

Valletta Malta

Phone: (356) 25 68 90 00 Fax: (356) 25 68 93 50

URL: http://www.mhas.gov.mt/

5.2 Aviation Security Malta

Malta International Airport

Luqa Malta

Phone: (356) 23 69 63 17 Phone: (356) 23 69 63 06 Phone: (356) 23 69 66 72 Fax: (356) 21 80 29 79 Email: avsec@gov.mt AIP GEN-1.1 - 3 MALTA 18 MAY 2023

Health 6.1 Director (Environmental Health) **Environmental Health Directorate** Continental Business Centre, Level 1 Old Railway Road Santa Venera SVR 9018 Malta Phone: (356) 21 33 73 33 (356) 21 34 47 67 Fax: mhi@gov.mt Email: 6.2 Senior Medical Officer Port Health Services **Environmental Health Directorate** Continental Business Centre, Level 1 Old Railway Road Santa Venera, SVR 9018 Malta Phone: (356) 21 33 73 33 Phone: (356) 23 69 61 70/1/2 (airport) Fax: (356) 21 22 66 96 7. En-route and aerodrome charges 7.1 En-route charges **EUROCONTROL** CENTRAL ROUTE CHARGES OFFICE Rue de la Fusée 96 B-1130 Brussels Belgium Phone: (32) 2 729 90 11 Fax: (32) 2 729 90 44 Telex: 21173 EUROC B 7.2 Aerodrome charges

Chief Financial Officer Malta International Airport plc. Luqa LQA 05

Malta

Phone: (356) 23 69 62 69 Fax: (356) 21 24 95 63

8. Animal and Agricultural quarantine

8.1 Animal Health and Welfare Department

The Abattoir, Albert Town Marsa MRS 1123

Malta

Phone: (356) 23 39 70 42
Phone: (356) 23 39 70 54
Fax: (356) 22 92 51 82
Email: infoahwd.mafa@gov.mt

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8.2 Plant Health Directorate

110, Annibale Preca Street

Lija LJA1915

Malta

Phone: (356) 22 92 65 35

Phone: (356) 79 00 81 01

Email: plantprotection@gov.mt

URL: http://agrikoltura.gov.mt/en/phd

9. Aircraft accident investigation

9.1 Ministry for Transport, Infrastructure and Capital Projects

Casa Leoni

476, St Joseph High Road

Santa Venera

Malta

Phone: (356) 23 88 61 10
Email: infrastructure@gov.mt
URL: http://mtip.gov.mt

9.2 Bureau of Air Accident Investigation

c/o Ministry for Transport, Infrastructure and Capital Projects

Block J, Antonio Maurizio Valperga Street

Floriana FRN1710

Malta

Phone: (356) 99 38 27 25 Phone: (356) 99 01 07 85 Email: baai@gov.mt

URL: http://www.baai.gov.mt

10. Foreign affairs

10.1 Ministry for Foreign and European Affairs and Trade

Palazzo Parisio Merchants Street Valletta VLT1171

Phone: (356) 21 24 21 91
Phone: (356) 22 04 00 00
URL: https://foreign.gov.mt

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GEN 1.2 ENTRY, TRANSIT AND DEPARTURE OF AIRCRAFT

1. General

1.1 Malta International Airport (Luqa Airport) is the only Customs airport in Malta. All commercial international flights to, or from, Malta are therefore required to land, or depart from, Luqa aerodrome, unless otherwise authorized by the Director General for Civil Aviation.

1.2 The Civil Aviation Directorate may be reached by telephone during office hours 08.00 till 16.00 Monday to Friday, excluding Public Holidays.

Enquiries by post should be addressed to:

Post: Civil Aviation Directorate

Malta Transport Centre

Pantar Road Lija, LJA 2021 Malta

Phone: (356) 2555 5653 Phone: (356) 2555 5642

1.3 Flight Authorizations

1.3.1

Under Maltese Law, the types of air services listed in Paragraph 1.4 do not require prior approval. Notwithstanding this, all operators requesting to land in Malta are required to notify the Civil Aviation Directorate on email dutyofficer.cad@transport.gov.mt and Malta Air Traffic Services on email ops.planning@maltats.com. In addition, operators will be required to submit the documentation listed in Paragraph 1.6 below when required by the Director General.

1.4 Authorized Types of Air Services

- 1.4.1 Air Service consisting of non-stop flights over the territory of Malta by an aircraft of a Contracting State to the Convention on International Civil Aviation signed at Chicago on the 7th day of December 1944, in transit and not engaged on an international scheduled service, and landings for non traffic purposes by such aircraft at the Maltese aerodrome.
- 1.4.2 Air services consisting of non-stop flights over the territory of Malta by an aircraft of a Contracting State to the International Air Services Transit Agreement signed at Chicago on the 7th day of December 1944, engaged in international scheduled service, and landings for non-traffic purposes by such aircraft at the Maltese aerodrome.
- 1.4.3 Air services operated by an undertaking that holds a valid AOC issued by the EU or EEA, to and from an EU Member State.
- 1.4.4 Air services operated by an undertaking designated and agreed upon under the provisions of any bilateral agreement made between Malta and any other State and subject to the provisions of this agreement and is in possession of a valid AOC and a TCO Certificate.
- 1.4.5 Air services operated to, from and over the territory of Malta in pursuance of an authorization to proceed, issued by the organization, commission or agency, established by the International Convention relating to Cooperation for the Safety of Air Navigation, signed at Brussels on the 13th day of December 1960.
- 1.4.6 Air Services operated by carriers in possession of an EASA TCO Certificate.
- 1.4.7 Non-commercial flights operated for any purpose other than trade or business, including the trade or business of the person operating the service.
- Any flight which does not fall into one of the categories outlined in Paragraph 1.4 above, must obtain a specific permission from the Director General for Civil Aviation. All notifications and requests for permission should be made through the respective ground handler by email to dutyofficer.cad@transport.gov.mt using the Flight Application/Notification Form, together with the documents listed in Paragraph 1.6.

1.6 Documentation

1.6.1 All flights operated by aircraft not registered in the European Economic Area operating flights into Malta are required to submit beforehand a copy of the following documents to the Civil Aviation Directorate - Transport Malta. The documents must follow the ICAO standard format as set out in the relevant appendices to Annex 9 and are acceptable when furnished with a certified English translation.

Documents to be provided:

- a. a copy of the Air Operator's Certificate;
- a copy of a valid verifiable Insurance Certificate meeting the criteria laid down in Regulation (EC) 785/ 2004
- c. a copy of the Noise Certificate;
- d. a declaration of any cargo on board together with an ACC3 where relevant with reference to Regulation (EC) 185/2010 Air Cargo and Mail Carrier operating into the Union from a Third Country Airport; Documentary Requirements for all Aircrafts at the International Aerodrome.
- e. a copy of the airworthiness certificate and airworthiness review certificate.
- f. Schedule, including start date, of the proposed service; and
- g. Third Country Operator's (TCO) Certificate.
- 1.7 Munitions of war cannot be carried on civil aircraft operating in, or over, the territory of Malta except with the written permission of the Director General for Civil Aviation.

1.8 Customs Requirements

All aircraft arriving in Malta from non-EU countries are, prima facie, liable to Customs duty. However, duty will not be called for in the following cases:

- a. aircraft registered in Malta which are shown to the satisfaction of Customs to be returning after temporary exportation and which have not undergone any process of repair or renovation whilst abroad, other than ordinary running repairs;
- b. aircraft registered outside Malta which are engaged in international scheduled services;
- aircraft for which a valid Carnet de Passage en Douane is produced;
- d. aircraft registered outside the European territory which are remaining in Malta for not more than seven (7) days; and
- e. aircraft temporarily imported into Malta by persons principally resident outside the European territory, provided that a deposit is paid or bond is given to cover the Customs duty payable.
- 1.9 Fees may be applicable for services provided in special cases/outside office hours.
- 1.10 Emergency mobile number

Phone: +356 79245202

Note: Applications for scheduled seasonal permits and all flights not listed in Paragraph 1.4, will be considered only during normal office hours. Operating permits will be refused to any airline, type or specific aircraft or aircraft registered in States where evidence suggests that they do not comply with international safety standards, including those banned from operating within the European Union.

2. Scheduled flights

2.1 General

2.1.1 Scheduled air services to Malta operate in accordance with the terms of the relevant bilateral Air Services Agreement in force. In such cases, an airline operating scheduled services to Malta is required to submit its operating schedule to the Civil Aviation Directorate – Transport Malta for endorsement together with the documents listed in paragraph 1.6, above. Scheduled air services not covered by an appropriate Air Services Agreement require a specific approval by the Civil Aviation Directorate – Transport Malta.

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2.2 Documentary requirements for clearance of aircraft

- 2.2.1 For the clearance of aircraft on entry and departure from/to a non-EU country, Non-Schengen aircraft operators are required to submit one copy of the General Declaration, one copy of the Passenger Manifest and three copies of the Cargo Manifest. One copy of the Cargo Manifest is to be attached to the General Declaration, one copy will be retained by Customs and one copy is to be sent to the L&W Branch (Customs). Operators are to ensure that all passengers are in possession of the required travel documentation and visas where applicable.
- 2.2.2 The Health and Environment Sections recommend that the General Declaration should also include data covering live animals carried on board, if any, whether as freight, accompanied or in transit.
- 2.2.3 The same documentation is required in the case of transit aircraft.

3. Non-scheduled flights

3.1 General

3.1.1 All non-scheduled flights operated by commercial operators into and out of Malta for traffic or technical stop purposes, are to notify Civil Aviation Directorate and Malta Air Traffic Services of the flight and such notification must be done through the respective ground handler via email to dutyofficer.cad@transport.gov.mt and ops.planning@maltats.com, using the required Form, together with the documents listed in Paragraph 1.6.

4. Non-Commercial Flights

4.1 General

4.1.1 All private flights operated into and out of Malta for traffic, or for technical stop purposes, are to notify Civil Aviation Directorate and Malta Air Traffic Services of the flight and such notification must be done through the respective ground handler via email to dutyofficer.cad@transport.gov.mt and ops.planning@maltats.com, using the required Form, together with the documents listed in Paragraph 1.6.

4.2 Documentary requirements for clearance of aircraft

4.2.1 For clearance of aircraft on entry and departure from/to a non-European country, aircraft operators are required to submit one copy of the General Declaration only. This shall include the names of all persons on board the aircraft. It is desirable that documents of arriving aircraft are produced to Customs at least within fifteen minutes of the aircraft's arrival while those for departing aircraft are to be produced to Customs at least one hour before the aircraft's departure.

5. State aircraft

5.1 General

5.1.1 The operation of State aircraft (military, customs or police) in, or over, the territory of Malta is subject to the approval of the Ministry for Foreign Affairs. These flights are subject to regulations listed in ENR 1.1 Paragraph 1.1.1 which are based on the Standards and Recommended Practices determined in Annex 9 to the Convention on International Civil Aviation.

5.2 Documentary requirements for clearance of State aircraft

5.2.1 Three copies of the General Declaration, which includes the names of all persons on board, are required for the clearance of State aircraft.

6. Public health measures applied to aircraft

No public health measures are required to be carried out in respect of aircraft entering Malta except when it is known that the aircraft is coming from a country or area that may have been considered as necessitating quarantine measures during a specific period. In such an event, the Airport Medical Officer may take any necessary measure for preventing danger to public health.

7. Aircraft noise standards

- 7.1 Civil registered subsonic jet aircraft or propeller driven aircraft operating into or out of Luqa aerodrome, must be noise certified in accordance with ICAO Annex 16, Volume 1 standards as follows:
 - a. jet aircraft with a take-off mass less than 34,000kg and a seating capacity of less than nineteen, must be certified to Annex 16, Chapter 2 standards;
 - b. jet aircraft with a take-off mass of 34,000kg or more and a seating capacity of more than nineteen, must be certified to Annex 16, Chapter 3 standards; and
 - propeller aircraft with a take-off mass less than 5,700kg, must be certified to Annex 16, Chapter 6 standards.
- 7.2 Aircraft operators wishing to conduct commercial or transport flights to, or from, Malta with aircraft that fall within the categories shown in paragraph 7.1 above, will be required to submit a copy of the noise certificate issued by the aircraft's State of Registry in order to ascertain that they meet the above requirements.
- 7.3 The Director General for Civil Aviation is empowered to grant temporary exemption in certain cases if the operator furnishes proof of the economic or technical impossibility of operating to, or from, Malta by means of aircraft that comply with the above standards. Further details may be found in LN162/2001, the Air Navigation (Noise Certification and Operation of Aircraft) Order, 2001.

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GEN 1.3 ENTRY, TRANSIT AND DEPARTURE OF PASSENGERS AND CREW

1. Customs requirements

- 1.1 Baggage or articles belonging to disembarking passengers and crew are immediately released except for those declared to contain dutiable/restricted/prohibited items and/or selected for inspection by the Customs authorities. All baggage may be subject to inspection by the Customs authorities.
- 1.2 No customs formalities are normally required on departure.

2. Immigration requirements

- 2.1 All disembarking passengers are required to hold a valid passport or, in certain cases, a valid means of identification. All disembarking passengers who are not citizens of the EU, EEA and Switzerland, are required to complete a landing card on entry.
- 2.2 Certain disembarking passengers who are citizens of certain countries may also require an entrance visa. Further details on the requirement of an entrance visa may be obtained from the Immigration Office, contact details of which are given in GEN 1.1, section 4.
- 2.3 For flight crew members on scheduled services who keep possession of their licences when embarking or disembarking, remain at the airport and depart on the same aircraft, the crew member licence or certificate is accepted in lieu of a passport or visa for temporary admission into Malta.
- 2.4 Embarking passengers are required to present a valid passport or, in certain cases, a valid means of identification.

3. Public health requirements

- 3.1 The Airport Medical Officer may examine and take all necessary precautions with respect to those disembarking or embarking passengers who are believed, or known, to be suffering from, or incubating, a communicable or quarantine disease.
- 3.2 A yellow fever vaccination certificate is required from disembarking passengers who are more than 9 months old and coming from an infected area. Infants under 9 months may be subject to isolation or surveillance if coming from an infected area.
- 3.3 Should there be an ill passenger on board an aircraft, it is desirable that notification of this case occurs 30 minutes prior to landing.
- Disembarking passengers may not import meat, poultry, milk, including their products, and fish and crustaceans unless a health certificate is produced which will allow release of such items. All such foodstuffs are to be prepared and properly labelled. If such requirements are not observed, such items will be confiscated by Customs authorities and handed over to the Port Health authorities.

4. EASA licences

- 4.1 Article 1 (3) (c) of the Basic Regulation 2018/1139, as amended allows, unless the Director General for Civil Aviation in the particular case gives a direction to the contrary, the holder of an EASA licence to exercise the privileges of that licence on aircraft registered in Malta.
- 4.2 For the purposes of Article 1 (3) (c), a certificate means a licence granted in accordance with EASA by an EASA Member State whose procedures have been assessed as satisfactory by EASA licensing standardisation team and the Competent Authority has been recommended by EASA for mutual recognition of its licences.
- 4.3 The list of EASA Member States with mutual recognition may be found on the EASA website.

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GEN 1.4 ENTRY, TRANSIT AND DEPARTURE OF CARGO

1. Customs requirements concerning cargo and other articles

- 1.1 Normally an invoice is required for the clearance of goods through customs. However, other internal documentation may be required.
- 1.2 An invoice is also required for air cargo that is simply being transshipped from one flight to another under Customs supervision.
- 1.3 No clearance documents are required with respect to goods retained on board for on-carriage to another destination.
- 1.4 All air cargo shipments are free of charges as long as clearance of cargo is made within a period of eight days. Clearance of cargo made after office hours is not free of charges.
- 1.5 A Customs document is required for the clearance of shipments to be exported by air.
- 1.6 Further information may be obtained from the Customs Air Freight, contact details of which are given in GEN 1.1. section 3.3.

2. Agricultural quarantine requirements

2.1 Information on the sanitary certificates or related documents that may be required in respect of animal and plant shipments may be obtained from the Department of Veterinary Service, contact details of which are given in GEN 1.1, section 8.

2.1.1 MIA Border Inspection Post (BIP)

2.1.1.1 The MIA Border Inspection Post (BIP), (TRACES Unit No. MTLUQ4) is approved under Commission Decision 2009/821 and allowed to carry out veterinary checks on consignments of animals and products introduced into the Community from third countries. The following codes explain the type of products and animals that are allowed to be checked at the MIA BIP.

HC(2): All products for human consumption which must be packed products;

NHC(2): Other products not for human consumption which must be packed products;

Live Animals: O,U,E: Those animals mentioned in the below legend are allowed to enter into the Community through the BIP;

legend:

HC - Human Consumption;

NHC - Non Human Consumption;

- O Other animals (including zoo animals);
- U Ungulates: cattle, pigs, sheep, goats, wild and domestic solipeds;
- E Registered Equidae as defined in Council Directive 90/426/EEC
- 2.1.1.2 All above consignments (products and animals) must arrive with the necessary certificates. The certificates required vary according to the type of consignments. All consignments must be accompanied by a Heath Certificate issued by the veterinary authority of the Third Country of origin, together with TRACES certificate (CVEDP, CVEDA part 1) which has to be done here in Malta by the importer. Once the Official veterinarians have carried out the inspection, a TRACES certificate (CVEDP, CVEDA part 2) is issued and the consignments are released for free circulation in all EU.

Further information can be found on:

http://agriculture.gov.mt/en/vprd/Pages/home.aspx

2.1.2 Plants and plant material (seeds, cuttings, etc.) Shipments

2.1.2.1 EU plant shipments can enter Malta without phytosanitary certificates but plants listed in Annex IV of the 'Guide to marketing requirements and plant passports' need to be accompanied by a plant passport and/or a Plant Health Movement Document (PHMD) as stipulated under such guidelines, until their final destination.

The document is available here:

http://agriculture.gov.mt/en/phd/Documents/guide to marketing requirements and plant passports.pdf.

2.1.2.2 Regulated third country, importing of plant and plant material shall be accompanied by Phytosanitary Certificate issued by exporting country and copy of the bill of laiding or airway bill. Documentary checks have to be done before shipment arrives; identity checks and plant health checks are done by Plant Health Inspectors within the Surveillance and Inspectorate Unit when shipments arrive.

For further information on these please check with page GEN 1.1-4 paragraph 8.

GEN 1.5 AIRCRAFT INSTRUMENTS, EQUIPMENT AND FLIGHT DOCUMENTS

1. General

1.1 Commercial air transport aircraft operating in Malta must adhere to the provisions of ICAO Annex 6 — Operation of Aircraft, Part 1 — International Commercial Air Transport — Aeroplanes, Chapter 6 (Aeroplane Instruments, Equipment and Flight Documents) and Chapter 7 (Aeroplane Communication and Navigation Equipment).

2. Equipment to be carried by aircraft

- 2.1 All aircraft operating within controlled airspace in the Malta FIR/UIR are required to operate with serviceable transponder having mode A4096 code and mode C altitude reporting capability.
- 2.2 Pursuant to Commission Implementing Regulation (EU) No 1079/2012, the carriage and operation of 8.33 kHz channel spacing radio equipment is mandatory to all aircraft flying in IFR or VFR in the Malta FIR/UIR.
- 2.3 All aircraft flying under IFR within Malta FIR/UIR shall carry radio equipment capable of:
 - a. maintaining two-way communication with the appropriate aeronautical radio stations;
 - b. enabling the aircraft to be navigated on the intended route (RNAV 5 capability); and
 - providing a continuous indication of the aircraft's distance from the appropriate aeronautical radio stations.
- 2.4 In addition to the above, all aircraft registered in Malta flying under IFR shall carry radio equipment capable of:
 - receiving from the appropriate aeronautical radio stations meteorological broadcasts relevant to the intended flight;
 - receiving signals from one or more aeronautical radio stations on the surface to enable the aircraft to be guided to a point from which a visual landing can be made at the aerodrome at which the aircraft is to land; and
 - c. enabling the aircraft to make an approach to landing using the Instrument Landing System.
- 2.5 All aircraft flying under VFR within controlled airspace shall carry radio equipment capable of maintaining two-way communication with the appropriate aeronautical radio stations and secondary surveillance radar equipment.
- 2.6 Additionally, aircraft may be required to carry such other special radio or radio navigation equipment for the purpose of facilitating navigation in accordance with ICAO Doc. 7030/4, Regional Supplementary Procedures (see ENR 1.8).
- 2.7 State aircraft that are not equipped with FM immune VOR equipment in accordance with ICAO Annex 10, Vol. I, Chapter 3, are permitted to operate within the Malta FIR/UIR provided that they carry alternative navigational equipment that can guarantee RNP 5 navigational accuracy.

3. Reduced Vertical Separation Minimum

- 3.1 Except for the purpose of RVSM transition, only RVSM approved aircraft and non-RVSM approved State aircraft shall be permitted to operate in the RVSM airspace within the Malta UIR.
- 3.2 RVSM approved aircraft are those aircraft for which the operator has obtained an RVSM approval, either from the State in which the operator is based, or from the State in which the aircraft is registered.
- 3.3 Guidance material on the airworthiness, continued airworthiness and the operational practices and procedures for the EUR RVSM airspace is provided in the Joint Aviation Authorities (JAA) Temporary Guidance Leaflet (TGL) Number 6 and the ICAO EUR Regional Supplementary Procedures (Doc. 7030/4 EUR).
- 3.4 Except for State aircraft, RVSM approval is required for aircraft to operate in the RVSM airspace within the Malta UIR (see ENR 2.1).

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4. Airborne Collision Avoidance System (ACAS II)

4.1 Excerpt from "Commission Regulation (EU) No 1332/2011 of 16 December 2011 laying down common airspace usage requirements and operating procedures for airborne collision avoidance":

Aircraft* undertaking flights into, within or out of the Union shall be equipped with collision avoidance logic version 7.1 of ACAS II as follows:

- a. turbine-powered aeroplanes with a maximum certificated take-off mass exceeding 5700 kg; or
- b. turbine-powered aeroplanes authorised to carry more than 19 passengers.
- * ref Article 4(1)(b) and (c) of Regulation (EC) No 216/2008
- 4.2 All civil fixed-wing turbine-engined aircraft having a maximum certified take-off mass exceeding 5,700 kg, or a maximum approved passenger seating configuration of more than nineteen, are required to be equipped with ACAS II.
- Information and guidance material on any ACAS II matter associated with flight within the airspace of Malta, may be obtained from EUROCONTROL:

ACAS Support Unit (ASU) EUROCONTROL Rue de la Fusée, 96 B-1130 Brussels

Belgium

Phone: (32) 2 729 3133 / 3170 / 3113

Fax: (32) 2 729 3719 SITA: BRUAC7X

Email: acas@eurocontrol.int

URL: http://www.eurocontrol.int/acas

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GEN 1.6 SUMMARY OF NATIONAL REGULATIONS AND INTERNATIONAL AGREEMENTS/ CONVENTIONS

1. General

1.1 The following is a list of civil aviation and aviation related legislation in force in Malta. It is essential that anyone engaged in air operations be acquainted with the relevant regulations.

1.2 These documents may be viewed and downloaded from the official website

URL: http://www.justice.gov.mt

or from:

Department of Information Auberge de Castille

Valletta Malta

Phone: (356) 21 22 49 01 Fax: (356) 21 23 71 70

2. Laws and regulations

List of Aviation Legislation (as on 1 March 2007)

The text of the following legislation may be accessed through the internet site:

http://www.justice.gov.mt/

CAP 80 Aircraft (Application of Laws) Ordinance

[to apply to aircraft certain provisions of law]

Ordinance X of 1934 as amended by LN 4 of 1963, Act XI of 1973, LN 148 of 1975, and Act XXII of 1976

CAP 218 Civil Aviation (Air Operators' Certificates) Act

[to provide for the issue, variation, suspension and revocation of air operator's certificates to companies operating aircraft for the purpose of public transport]

Act XXI of 1970, as amended by Act LVIII of 1974, LN 148 of 1975 and Acts XIII of 1983, X of 1993 and VIII of 2002

218.01 Fees for Air Operators Certificates Regulations

LN 191/1991; LN 338/2002;LN 298/2003

Cap 230 Malta Summer Time Act

[to provide for the advance of time in Malta during certain periods of the year]

230.01 Summer Time Order

LN 76 of 2001 and 150 of 2006, consolidated

Cap 232 Civil Aviation Act

[to regulate civil aviation]

Act XLIII of 1972, amended by Acts XXXII of 1979, XIII of 1983, XXXVII of 1998, XX of 1989 and IX of 2003

232.01 Carriage by Air (International and Non-International Carriage) Order

LN 63/2003; LN 246/2004; LN 154/2006

232.03 Civil Aviation (Investigation of Air Accidents and Incidents) Regulations

LN 135/2002; LN 276/2002

Cap 232	Civil Aviation Act
232.04	Civil Aviation (Exemption from Air Service Licence) Order LN 79/1987; LN 72/1993
232.05	Air Navigation Order LN 176/1990; LN 57/1991; LN 34/1992; LN 202/1998; LN 52/2001; LN 339/2002; LN 130/2003; LN 124/2004; LN 157/2004; LN 385/2004; LN 445/2004; LN 58/2005; LN 321/2005
232.06	Passenger Service Charge at Airport Regulations LN 118/1997; 218/1997; 60/2005
232.07	Civil Aviation Joint Aviation Requirements Order LN 203/1998; LN 190/2002; LN 67/2003; LN 81/2004; LN 59/2005; LN 254/2005; LN 39/2006; LN 169/2006; LN 24/2007
232.08	Statistical Returns in respect of Carriage of Passengers, Freight and Mail Regulations LN 51/2001; LN 82/2004
232.09	Civil Aviation (Denied Boarding Compensation and Assistance to Passengers) (Designation of Competent Authority) Regulations LN 63/2005; LN 13/2007
232.10	Definition and Use of Compatible Technical Specifications for the Procurement of Air Traffic Management Equipment and Systems Regulations LN 161/2001; 336/2002
232.11	Air Navigation (Noise Certification and Operation of Aircraft) Order LN 162/2001; 83/2004
232.12	Airport Economic Regulations LN 299/2001; LN 448/2004
232.13	Allocation of Slots at Airport Regulations LN 300/2001
232.14	Civil Aviation (Restriction of Flying) Regulations LN 122/2002
232.15	Airport (Ground Handling Services) Regulations LN 66/2003; LN 84/2004
232.16	Civil Aviation (Air Fares) Regulations LN 77/2004; LN 244/2004
232.17	Civil Aviation (Air Transport Licensing) Regulations LN 78/2004; LN 245/2004
232.18	Civil Aviation (Provision of Air Navigation Services) Order LN 281/2006
232.19	Civil Aviation (Aerodrome Licensing) Regulations LN 80/2004; LN 62/2005
232.20	Civil Aviation (Air Transport Licensing) (Fees) Regulations LN 429/2004
232.21	Civil Aviation (Noise Related Operating Restrictions at Airports) Regulations LN 296/2005
232.22	Civil Aviation (Denied Boarding Compensation and Assistance to Passengers) Regulations LN 297/2005
232.23	Civil Aviation (Insurance Requirements for Air Carriers and Aircraft Operators) Order LN 377/2005
232.24	Air Navigation (Dangerous Goods) Regulations LN 233/2006
CAP 304	Ratification of Treaties Act
	[to provide for the ratification of certain treaties]
	Act v of 1092

Act v of 1983

CAP 333 Eurocontrol Act

[to provide for Malta's membership to Eurocontrol]

Act X of 1989, as amended by Act XIII of 1997 and Act IX of 2003

CAP 333 Eurocontrol Act

333.01 Civil Aviation (Route Charges for Navigation Services) Regulations

LN386/2002 + annual update

CAP 353 Civil Aviation (Security) Act

[to give effect to the Convention on Offences and Certain Other Acts Committed on Board Aircraft (Tokyo, 1963); the Convention for the Suppression of Unlawful Seizure of Aircraft (The Hague, 1970); and the convention for the Suppression of Unlawful Acts Against the Safety of Civil Aviation (Montreal 1971); and the Protocol to the Montreal Convention (1988)]

Act XX of 1991

CAP 405 Airports and Civil Aviation (Security) Act

[to give effect to certain enactments relating to aviation security]

Act XX of 1998

405.01 Regulated Agents Regulations

LN 286/2001

405.02 Designated Airports (Policing) Order

LN 213/2003

405.03 Civil Aviation Security Regulations

LN 25/2004

CAP 434 Code of Conduct for Computerised Reservation Systems Act

[to provide for a code of conduct for computerised reservation systems]

Act XIX of 2001

CAP 452 Employment and Industrial Relations Act

[to consolidate, with amendments, the Conditions of Employment (Regulation) Act (Cap 135) and the Industrial Relations Act (Cap 266)]

Act No XXII of 2002

452.90 Organisation of Working Time (Civil Aviation) Regulations

LN 306/2003

CAP 460 European Union Act

[to provide for Malta's accession to the European Union and to make provision consequent and ancillary thereto]

Act No V of 2003

NOTE: Article 3 of Act No V of 2003, the European Union Act (Cap 460), makes the provisions of the Treaties of the European Community part of domestic law in Malta. Article 249 of the 'Consolidated Version of the Treaty Establishing the European Community' specifies that regulations made by the European Parliament / EC Council / EC Commission shall be binding and directly applicable in all EC member States.

All EC Regulations relating to air transport are therefore legal in Malta, and any provision of any other legislation incompatible with such EC Regulations is without effect and unenforceable (Article 3 (2) Act V of 2003 - CAP 460).

EC aviation-related Regulations may be accessed through the internet site:

http://ec.europa.eu/transport/air/handbook/handbook en.htm

and comprise the following subjects:

Regulation (EU) 2017/386 of 6 March 2017 amending Implementing Regulation (EU) No 1207/2011 laying down requirements for the performance and the interoperability of surveillance for the single European sky.

Regulation (EU) 2017/373 of 1 March 2017 laying down common requirements for providers of air traffic management/air navigation services and other air traffic management network functions and their oversight, repealing Regulation (EC) No 482/2008, Implementing Regulations (EU) No 1034/2011, (EU) No 1035/2011 and (EU) 2016/1377 and amending Regulation (EU) No 677/2011.

Regulation (EU) 2017/363 of 1 March 2017 amending Regulation (EU) No 965/2012 as regards the specific approval of single-engined turbine aeroplane operations at night or in instrument meteorological conditions and the approval requirements for the dangerous goods training relating to commercial specialised operations, non-commercial operations of complex motor-powered aircraft and non-commercial specialised operations of complex motor-powered aircraft.

Regulation (EU) 2016/2345 of 14 December 2016 amending Regulation (EC) No 262/2009 and Implementing Regulation (EU) No 1079/2012 as regards references to ICAO provisions.

Regulation (EU) 2016/2214 of 8 December 2016 amending Regulation (EC) No 474/2006 as regards the list of air carriers which are subject to an operating ban within the Union.

Regulation (EU) 2016/2120 of 2 December 2016 amending Regulation (EC) No 1033/2006 as regards the provisions referred to in Article 3(1).

Regulation (EU) 2016/2096 of 30 November 2016 amending Regulation (EU) No 1254/2009 as regards certain criteria to allow Member States to derogate from the common basic standards on civil aviation security and to adopt alternative security measures.

Regulation (EU) 2016/1649 of 8 July 2016 supplementing Regulation (EU) No 1316/2013 of the European Parliament and of the Council establishing the Connecting Europe Facility.

Regulation (EU) 2016/1199 of 22 July 2016 amending Regulation (EU) No 965/2012 as regards operational approval of performance-based navigation, certification and oversight of data services providers and helicopter offshore operations, and correcting that Regulation.

Applicable provisions of (EU) 2016/1185 of 20 July 2016 amending Implementing Regulation (EU) No 923/2012 as regards the update and completion of the common rules of the air and operational provisions regarding services and procedures in air navigation (SERA Part C) and repealing Regulation (EC) No 730/2006.

Regulation (EU) 2016/1158 of 15 July 2016 amending Regulation (EU) No 452/2014 as regards the deletion of templates for the authorisations issued to third country operators and for the associated specifications.

Regulation (EU) 2016/1006 of 22 June 2016 amending Regulation (EU) No 255/2010 as regards the ICAO provisions referred to in Article 3(1).

Regulation (EU) 2016/963 of 16 June 2016 amending Regulation (EC) No 474/2006 as regards the list of air carriers which are subject to an operating ban within the Union.

Regulation (EU) 2016/583 of 15 April 2016 amending Regulation (EU) No 1332/2011 laying down common airspace usage requirements and operating procedures for airborne collision avoidance.

Regulation (EU) 2016/539 of 6 April 2016 amending Regulation (EU) No 1178/2011 as regards pilot training, testing and periodic checking for performance-based navigation.

Regulation (EU) 2016/5 of 5 January 2016 amending Regulation (EU) No 748/2012 as regards the implementation of essential requirements for environmental protection.

Regulation (EU) 2016/4 of 5 January 2016 amending Regulation (EC) No 216/2008 of the European Parliament and of the Council as regards essential requirements for environmental protection.

Regulation (EU) 2426/2015 of 18 December 2015 amending Regulation (EU) 1998/2015 as regards third countries recognised as applying security standards equivalent to the common basic standards on civil avation security.

Regulation (EU) 1998/2015 of 5 November 2015 laying down detailed measures for the implementation of the common basic standards on aviation security.

Regulation (EU) 1536/2015 of 16 September 2015 amending Regulation (EU) No 1321/2014 as regards alignment of rules for continuing airworthiness with Regulation (EC) No 216/2008, critical maintenance tasks and aircraft continuing airworthiness monitoring.

Regulation (EU) 1329/2015 of 31 July 2015 amending Regulation (EU) No 965/2012 as regards operations by Union air carriers of aircraft registered in a third country.

Regulation No. 1088/2015 of 3 July 2015 amending Regulation (EU) No 1321/2014 as regards alleviations for maintenance procedures for general aviation aircraft.

Regulation No. 1039/2015 of 30 June 2015 amending Regulation (EU) No 748/2012 as regards flight testing. Regulation No. 1018/2015 List classifying occurrences to be mandatorily reported.

Regulation No. 640/2015 of 23 April 2015 on additional airworthiness specifications for a given type of operations and amending Regulation (EU) No 965/2012.

Regulation No. 445/2015 of 17 March 2015 amending Regulation (EU) No 1178/2011 as regards technical requirements and administrative procedures related to civil aviation aircrew.

Regulation No. 340/2015 ATCO Licences & Certificates.

Regulation No. 310/2015 of 26 February 2015 amending Regulation (EC) No 29/2009 laying down requirements on data link services for the single European sky and repealing Implementing Regulation (EU) No 441/2014.

Regulation No. 140/2015 of 29 January 2015 amending Regulation (EU) No 965/2012 as regards sterile flight crew compartment and correcting that Regulation.

Regulation No. 1321/2014 Continuing Airworthiness.

Regulation No. 1029/2014 of 26 September 2014 amending Regulation (EU) No 73/2010 laying down requirements on the quality of aeronautical data and aeronautical information for the single European sky.

Regulation No. 1028/2014 of 26 September 2014 amending Implementing Regulation (EU) No 1207/2011 laying down requirements for the performance and the interoperability of surveillance for the single European sky.

Regulation No. 970/2014 of 12 September 2014 amending Regulation (EU) No 677/2011 laying down detailed rules for the implementation of air traffic management (ATM) network functions.

Regulation No. 721/2014 of 16 June 2014 amending Regulation (EC) No 219/2007 on the establishment of a Joint Undertaking to develop the new generation European air traffic management system (SESAR) as regards the extension of the Joint Undertaking until 2024.

Regulation No. 716/2014 Pilot Common Project.

Regulation No. 598/2014 Introduction of noise-related operating restrictions at EU airports.

Regulation No. 512/2014 of the European Parliament and of the Council of 16 April 2014 amending.

Regulation No. 452/2014 Third Country Operators Regulation.

Regulation No. 448/2014 of 2 May 2014 amending Implementing Regulation (EU) No 1035/2011 by updating references to the Annexes to the Chicago Convention.

Regulation No. 441/2014 of 30 April 2014 amending Regulation (EC) No 29/2009 laying down requirements on data link services for the single European sky.

Regulation No. 379/2014 of 7 April 2014 amending Commission Regulation (EU) No 965/2012 laying down technical requirements and administrative procedures related to air operations pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council.

Regulation No. 376/2014 Reporting, Analysis and Follow-Up of Occurrences in Civil Aviation.

Regulation No. 319/2014 Fees & Charges Levied by EASA.

Regulation No. 245/2014 of 13 March 2014 amending Commission Regulation (EU) No 1178/2011 of 3 November 2011 laying down technical requirements and administrative procedures related to civil aviation aircrew.

Regulation No. 139/2014 Aerodromes.

Regulation No. 83/2014 of 29 January 2014 amending Regulation (EU) No 965/2012 laying down technical requirements and administrative procedures related to air operations pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council.

Regulation No. 71/2014 of 27 January 2014 amending Regulation (EU) No 965/2012 laying down technical requirements and administrative procedures related to Air Operations pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council.

Regulation No. 70/2014 of 27 January 2014 amending Regulation (EU) No 1178/2011 laying down technical requirements and administrative procedures related to civil aviation aircrew pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council.

Regulation No. 69/2014 of 27 January 2014 amending Regulation (EU) No 748/2012 laying down implementing rules for the airworthiness and environmental certification of aircraft and related products, parts and appliances, as well as for the certification of design and production organisations.

Regulation No. 1316/2013 Connecting Europe Facility (CEF).

Regulation No. 1315/2013 Union guidelines for the development of the Trans-European network (Trans-European Transport Network Connecting Europe Facility (CEF)).

Regulation No. 1291/2013 of the European Parliament and of the Council of 11 December 2013 establishing Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020) and repealing Decision No 1982/2006/EC.

Regulation No. 1285/2013 Implementation & Exploitation of European Satellite Navigation Systems.

Regulation No. 800/2013 of 14 August 2013 amending Regulation (EU) No 965/2012 laying down technical requirements and administrative procedures related to air operations pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council.

Regulation No. 657/2013 of 10 July 2013 amending Implementing Regulation (EU) No 1079/2012 laying down requirements for voice channels spacing for the single European sky.

Regulation No. 628/2013 Standardisation Inspections.

Regulation No. 526/2013 of the European Parliament and of the Council of 21 May 2013 concerning the European Union Agency for Network and Information Security (ENISA) and repealing Regulation (EC) No 460/2004.

Regulation No. 428/2013 of 8 May 2013 amending Regulation (EC) No 1033/2006 as regards the ICAO provisions referred to in Article 3(1) and repealing Regulation (EU) No 929/2010.

Regulation No. 409/2013 Common Projects & Governance.

Regulation No. 391/2013 Common Charging Scheme.

Regulation No. 390/2013 Performance Scheme.

Regulation No. 7/2013 of 8 January 2013 amending Regulation (EU) No 748/2012 laying down Implementing Rules for the airworthiness and environmental certification of aircraft and related products, parts and appliances, as well as for the certification of design and production organisations.

Regulation No. 6/2013 of 8 January 2013 amending Regulation (EC) No 216/2008 of the European Parliament and of the Council on common rules in the field of civil aviation and establishing a European Aviation Safety Agency, and repealing Council Directive 91/670/EEC, Regulation (EC) No 1592/2002 and Directive 2004/36/EC.

Regulation No. 1079/2012 Air Ground Voice Channel Spacing.

Regulation No. 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council.

Regulation No. 965/2012 Air Operations.

Regulation No. 923/2012 of 26 September 2012 laying down the common rules of the air and operational provisions regarding services and procedures in air navigation and amending Implementing Regulation (EU) No 1035/2011 and Regulations (EC) No 1265/2007, (EC) No 1794/2006, (EC) No 730/2006, (EC) No 1033/2006 and (EU) No 255/2010.

Regulation No. 748/2012 Initial Airworthiness.

Regulation No. 646/2012 Fines & Periodic Penalty Payments.

Regulation No. 290/2012 of 30 March 2012 amending Regulation (EU) No 1178/2011 laying down technical requirements and administrative procedures related to civil aviation aircrew pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council.

Regulation No. 1332/2011 Airspace Usage Requirements – Part-ACAS.

Regulation No. 1207/2011 Surveillance Performance & Interoperability (SPI).

Regulation No. 1206/2011 Aircraft Identification.

Regulation No. 1178/2011 Civil Aviation Aircrew.

Regulation No. 1035/2011 Common Requirements for ANS.

Regulation No. 1034/2011 Safety Oversight.

Regulation No. 677/2011 ATM Network Functions.

Regulation No. 283/2011 of 22 March 2011 amending Regulation (EC) No 633/2007 as regards the transitional arrangements referred to in Article 7.

Regulation No. 182/2011 Implementing Acts (Rules and general principles concerning mechanisms for control by Member States of the Commission's exercise of implementing powers) (Delegation of Powers to the EC).

Regulation No. 176/2011 Functional Airspace Blocks (FABs).

Regulation No. 996/2010 Investigation & Prevention of Accidents & Incidents in Civil Aviation.

Regulation No. 912/2010 setting up the European GNSS Agency.

Regulation No. 255/2010 ATFM.

Regulation No. 185/2010 Common Basic Standards on Aviation Security.

Regulation No. 73/2010 Aeronautical Data Quality (ADQ).

Regulation No. 72/2010 of 26 January 2010 laying down procedures for conducting Commission inspections in the field of aviation security.

Regulation No. 1254/2009 of 18 December 2009 setting criteria to allow Member States to derogate from the common basic standards on civil aviation security and to adopt alternative security measures.

Regulation No. 1108/2009 of the European Parliament and of the Council of 21 October 2009 amending Regulation (EC) No 216/2008 in the field of aerodromes, air traffic management and air navigation services and repealing Directive 2006/23/EC (Text with EEA relevance).

Regulation No. 1070/2009 of the European Parliament and of the Council of 21 October 2009 amending Regulations (EC) No 549/2004, (EC) No 550/2004, (EC) No 551/2004 and (EC) No 552/2004 in order to improve the performance and sustainability of the European aviation system.

Regulation No. 690/2009 of 30 July 2009 amending Regulation (EC) No 216/2008 of the European Parliament and the Council on common rules in the field of civil aviation and establishing a European Aviation Safety Agency, and repealing Council Directive 91/670/EEC, Regulation (EC) No 1592/2002 and Directive 2004/36/EC.

Regulation No. 262/2009 Mode S.

Regulation No. 30/2009 of 16 January 2009 amending Regulation (EC) No 1032/2006 as far as the requirements for automatic systems for the exchange of flight data supporting data link services are concerned.

Regulation No. 29/2009 Datalink Services.

Regulation No. 1361/2008 of 16 December 2008 amending Regulation (EC) No 219/2007 on the establishment of a joint undertaking to develop the new generation European air traffic management system (SESAR).

Regulation No. 1126/2008 of 3 November 2008 adopting certain international accounting standards in accordance with Regulation (EC) No 1606/2002 of the European Parliament and of the Council.

Regulation No. 765/2008 Accreditation & Market Surveillance Relating to the Marketing of Products.

Regulation No. 482/2008 Software Safety Assurance System.

Regulation No. 300/2008 of the European Parliament and of the Council of 11 March 2008 on common rules in the field of civil aviation security and repealing Regulation (EC) No 2320/2002.

Regulation No. 216/2008 of the European Parliament and of the Council of 20 February 2008 on common rules in the field of civil aviation and establishing a European Aviation Safety Agency, and repealing Council Directive 91/670/EEC, Regulation (EC) No 1592/2002 and Directive 2004/36/EC.

Regulation No. 633/2007 Flight Message Transfer Protocol (FMTP).

Regulation (EC) No 219/2007 of 27 February 2007 on the establishment of a Joint Undertaking to develop the new generation European air traffic management system (SESAR).

Regulation (EC) No 1033/2006 of 4 July 2006 laying down the requirements on procedures for flight plans in the pre-flight phase for the single European sky.

Regulation (EC) No 1032/2006 of 6 July 2006 laying down requirements for automatic systems for the exchange of flight data for the purpose of notification, coordination and transfer of flights between air traffic control units.

Regulation (EC) No 474/2006 of 22 March 2006 establishing the Community list of air carriers which are subject to an operating ban within the Community referred to in Chapter II of Regulation (EC) No 2111/2005 of the European Parliament and of the Council.

Regulation (EC) No 2150/2005 of 23 December 2005 laying down common rules for the flexible use of airspace.

Regulation (EC) No 2111/2005 of the European Parliament and of the Council of 14 December 2005 on the establishment of a Community list of air carriers subject to an operating ban within the Community and on informing air transport passengers of the identity of the operating air carrier, and repealing Article 9 of Directive 2004/36/EC.

Regulation (EC) No 552/2004 of the European Parliament and of the Council of 10 March 2004 on the interoperability of the European Air Traffic Management network (the interoperability Regulation).

Regulation (EC) No 551/2004 of the European Parliament and of the Council of 10 March 2004 on the organisation and use of the airspace in the single European sky (the airspace Regulation).

Regulation (EC) No 550/2004 of the European Parliament and of the Council of 10 March 2004 on the provision of air navigation services in the single European sky (the service provision Regulation).

Regulation (EC) No 549/2004 of the European Parliament and of the Council of 10 March 2004 laying down the framework for the creation of the single European sky (the framework Regulation) - Statement by the Member States on military issues related to the single European sky.

Directive (EC) No 104/2004 of 14 October 2004 adapting to technical progress Council Directive 72/245/ EEC relating to the radio interference (electromagnetic compatibility) of vehicles and amending Directive 70/156/EEC on the approximation of the laws of the Member States relating to the type-approval of motor vehicles and their trailers.

Regulation No. 1049/2001 Public access to EP, Council & EC documents.

Regulation No. 45/2001 Protection of individuals with regard to the processing of personal data by EU institutions & bodies & on the free movement of such data.

Regulation (EEC) No 95/93 of 18 January 1993 on common rules for the allocation of slots at Community airports

GEN 1.7 DIFFERENCES FROM ICAO STANDARDS, RECOMMENDED PRACTICES AND PROCEDURES

ANNEX 1 — PERSONNEL LICENSING, 14th edition

No significant differences to Annex 1

ANNEX 2 —	RULES OF THE AI	R, 10 th edition
Difference A2-01	Chapter 3 3.2.2	New Provision. Implementing Regulation (EU) No 923/2012, SERA.3210(b), specifies:
A2-01	0.2.2	"(b) An aircraft that is aware that the manoeuvrability of another aircraft is impaired shall give way to that aircraft."
Difference A2-02	Chapter 3 3.2.3.2(b)	Implementing Regulation (EU) No 923/2012, paragraph SERA.3215(b)(2), specifies (with the addition to ICAO Standard in Annex 2, 3.2.3.2(b) of the bold text):
		"(2) unless stationary and otherwise adequately illuminated, all aircraft on the movement area of an aerodrome shall display lights intended to indicate the extremities of their structure, as far as practicable."
Difference A2-03	Chapter 3 3.2.5(c) and (d)	Implementing Regulation (EU) No 923/2012, paragraph SERA.3225 differs from ICAO Standard in Annex 2, 3.2.5(c) and 3.2.5(d) in that it specifies that subparagraphs (c) and (d) do not apply to balloons:
		"(c) except for balloons, make all turns to the left, when approaching for a landing and after taking off, unless otherwise indicated, or instructed by ATC; (d) except for balloons, land and take off into the wind unless safety, the runway configuration, or air traffic considerations determine that a different direction is preferable."
Difference A2-04	Chapter 3 3.3.1.2	ICAO Annex 2, 3.3.1.2 is replaced with Implementing Regulation (EU) No 923/2012 SERA.4001(b). The differences between this ICAO Standard and this Union regulation are as follows:
		With regards to VFR flights planned to operate across international borders, the Union regulation (SERA.4001(b)(5)) differs from the ICAO Standard in Annex 2, 3.3.1.2(e) with the addition of the bold text, as follows:
		"any flight across international borders, unless otherwise prescribed by the States concerned."
		With regard to VFR and IFR flights planned to operate at night, an additional requirement is inserted to Union regulation SERA.4001(b)(6) as follows:
		"(6) any flight planned to operate at night, if leaving the vicinity of an aerodrome"
Difference A2-05	Chapter 3 3.2.2.4	New Provision. Implementing Regulation (EU) No 923/2012, paragraph SERA.3210(c)(3)(i) differs from ICAO Standard in Annex 2, 3.2.2.4 by specifying that:
		"(i) Sailplanes overtaking. A sailplane overtaking another sailplane may alter its course to the right or to the left."

2012 adds requirements under which VFR flights at night may be permitted, as fol "(c) When so prescribed by the competent authority, VFR flights at night me permitted under the following conditions: (1) if leaving the vicinity of an aerodrome, a flight plan shall be submitted; (2) flights shall establish and maintain two-way radio communication on the appro, ATS communication channel, when available; (3) the VMC visibility and distance from cloud minima as specified in Table S5-1 apply except that: (i) the ceiling shall not be less than 450 m (1 500 ft); (ii) except as specified in (c)(4), the reduced flight visibility provisions specified in S5-1(a) and (b) shall not apply; (iii) in airspace classes B, C, D, E, F and G, at and below 900 m (3 000 ft) above or 300 m (1 000 ft) above terrain, whichever is the higher, the pilot shall ma continuous sight of the surface; (iv) for helicopters in airspace classes F and G, flight visibility shall not be less the km, provided that the pilot maintains continuous sight of the surface; (iv) for helicopters in airspace promitting to observe other traffic or obstact time to avoid collision; and (v) for mountainous terrain, higher VMC visibility and distance from cloud minima at a speed that will give adequate opportunity to observe other traffic or obstact time to avoid collision; and (v) for mountainous terrain, higher VMC visibility and distance from cloud minima be prescribed. (4) ceilling, visibility and distance from cloud minima lower than those specified 4.3(c) above may be permitted for helicopters in special cases, such as medical fit search and rescue operations and fire-fighting. (5) except when necessary for take-off or landing, or except when special authorised by the competent authority, a VFR flight at night shall be flown at a which is not below the minimum flight altitude established by the State whose tel is overflown, or, where no such minimum flight altitude established by the State whose tel is overflown, or, where no such minimum flight altitude estab	ANNEX 2 —	RULES OF THE AIR	R, 10 th edition
A2-07 Chapter 4 4.6 "(f) Except when necessary for take-off or landing, or except by permission fror competent authority, a VFR flight shall not be flown: (1) over the congested areas of cities, towns or settlements or over an operassembly of persons at a height less than 300 m (1 000 ft) above the highest obswithin a radius of 600 m from the aircraft; (2) elsewhere than as specified in (1), at a height less than 150 m (500 ft) above ground or water, or 150 m (500 ft) above the highest obstacle within a radius of 1 (500 ft) from the aircraft." Difference A2-08 Chapter 3 Chapter 4 C	A2-06	4.3	923/2012 SERA.5005(c). The difference is that Implementing Regulation (EU) No 923/2012 adds requirements under which VFR flights at night may be permitted, as follows: "(c) When so prescribed by the competent authority, VFR flights at night may be permitted under the following conditions: (1) if leaving the vicinity of an aerodrome, a flight plan shall be submitted; (2) flights shall establish and maintain two-way radio communication on the appropriate ATS communication channel, when available; (3) the VMC visibility and distance from cloud minima as specified in Table S5-1 shall apply except that: (i) the ceiling shall not be less than 450 m (1 500 ft); (ii) except as specified in (c)(4), the reduced flight visibility provisions specified in Table S5-1(a) and (b) shall not apply; (iii) in airspace classes B, C, D, E, F and G, at and below 900 m (3 000 ft) above MSL or 300 m (1 000 ft) above terrain, whichever is the higher, the pilot shall maintain continuous sight of the surface; (iv) for helicopters in airspace classes F and G, flight visibility shall not be less than 3 km, provided that the pilot maintains continuous sight of the surface and if manoeuvred at a speed that will give adequate opportunity to observe other traffic or obstacles in time to avoid collision; and (v) for mountainous terrain, higher VMC visibility and distance from cloud minima may be prescribed. (4) ceiling, visibility and distance from cloud minima lower than those specified 4.3(c) above may be permitted for helicopters in special cases, such as medical flights, search and rescue operations and fire-fighting. (5) except when necessary for take-off or landing, or except when specifically authorised by the competent authority, a VFR flight at night shall be flown at a level which is not below the minimum flight altitude established by the State whose territory is overflown, or, where no such minimum flight altitude has been established: (i) over high terrain or in mountainous areas, at a level which is at least 600 m (2 000 ft) above
A2-08 Chapter 3 enlarging the scope of escort missions to any type of flight requesting such se		Chapter 4	SERA.5005, introducing the obstacle clearance criteria in (f), as follows: "(f) Except when necessary for take-off or landing, or except by permission from the competent authority, a VFR flight shall not be flown: (1) over the congested areas of cities, towns or settlements or over an open-air assembly of persons at a height less than 300 m (1 000 ft) above the highest obstacle within a radius of 600 m from the aircraft; (2) elsewhere than as specified in (1), at a height less than 150 m (500 ft) above the ground or water, or 150 m (500 ft) above the highest obstacle within a radius of 150 m
and Appendix 2 as those found in Attachment A, are not contained in Union law.		Chapter 3 3.8	The words 'in distress' of Chapter 3 Part 3.8, are not included in Union law, thus enlarging the scope of escort missions to any type of flight requesting such service. Furthermore the provisions contained in Appendix 2 Parts 1.1 to 1.3 inclusive as well

ANNEX 3 — METEOROLOGY, 20 th edition		
	Chapter 5	New provision. Implementing Regulation (EU) No 923/2012, paragraph SERA.12005, specifies:
		"(b) Competent authorities shall prescribe as necessary other conditions which shall be reported by all aircraft when encountered or observed."

ANNEX 4 — AERONAUTICAL CHARTS, 11 th edition
NIL .

ANNEX 5 — UNITS OF MEASUREMENT TO BE USED IN AIR AND GROUND OPERATIONS, 5th edition

ANNEX 6 —	OPERATION OF A	IRCRAFT, Part I, 11 th edition; Part II, 10 th edition; Part III, 10 th edition
Part I	Definitions	Aerodrome operating minima — New approach classification not yet transposed.
Chapter 1		Large aeroplane — Definition of the large aircraft combines aeroplane and helicopter.
		Airworthy — Not defined.
		Combined vision system (CVS) — This definition is not used in Reg. (EU) 965/2012.
		Configuration deviation list (CDL) — Not defined as a term.
		Flight crew member — No definition.
		Maintenance organization's procedures manual — Not implemented as a term.
		Maintenance programme — Not implemented as a term.
		Maintenance release - Not implemented as a term.
		Required communication performance (RCP) specification — Term not used.
		State of the Aerodrome — This definition does not exist in the EU rules.
		Synthetic vision system (SVS) — It is not used in the EU rules.
		Target level of safety (TLS) — 'Satisfactory Level of safety' is used in the European rules.
Part I	3.1.4	Reg. (EU) 965/2012 doesn't require licensing of operations officer or flight dispatcher.
Chapter 3	3.3.1	Only required for aeroplanes above 27000 kg.
Part I	4.2.8.1.1	R965 currently only allows operational credits for HUDs and EVS.
Chapter 4	4.3.4.1.3	CAT.OP.MPA.185 (a) requires period commencing one hour before and ending one hour after the estimated time of arrival at the aerodrome.
	4.3.4.3.1	European rules require a period commencing one hour before and ending one hour after the estimated time of arrival at the aerodrome.
	4.3.6.4	Part CAT requires it for each estimated mass and every flight.
	4.2.8.3	R965 has not yet transposed the new approach classification.
	4.2.8.6	R965 has not yet transposed the new approach classification.
	4.2.8.7	R965 has not yet transposed the new approach classification.
Part I	4.3.6.2	Part CAT does not require the effect of deferred maintenance items.
Chapter 4	4.3.7.2.2	The phraseology is addressed in a SIB. The SARPS will be transposed through RMT.0573. European rules require to declare PAN,PAN,PAN.
	4.6.1	The European rules do not require a flight operations officer.
Part I	5.4.1	SE IMC/night currently not allowed in Part CAT.
Chapter 5	5.4.2	SE IMC/night currently not allowed in Part CAT.

ANNEX 6 —	- OPERATION O	F AIRCRAFT, Part I, 11 th edition; Part II, 10 th edition; Part III, 10 th edition
Part I Chapter 6	6.3.1.2.7	AMC6 CAT.IDE.A.190 (a) (1) & (a)(2) & (a)(3) applies to aeroplanes delivered an individual CofA before 1 June 1990.
	6.3.1.2.8	CAT.IDE.A.190 (a) (2) applies to turbine engine aeroplanes delivered an individual CofA before 1 June 1990.
	6.3.1.4	The minimum recording duration for the FDR is 25 hours or 10 hours.
	6.3.1.2.3	Minimum CVR duration is 2 hours when the individual CofA was first issued on or after 01 April 1998.
	6.3.2.1.4	CAT.IDE.A.185 (a) (1) applies to all aeroplanes with a MCTOM exceeding 5700 kg whatever the date of delivery of the individual CofA.
	6.3.2.1.5	CAT.IDE.A.185 (a) (1) applies to all aeroplanes with a MCTOM exceeding 5700 kg whatever the date of delivery of the individual CofA.
	6.3.2.1.6	CAT.IDE.A.185 (a) (1) applies to all aeroplanes with a MCTOM exceeding 5700 kg, be they turbine engined or not.
	6.3.2.3	For aeroplanes with an MCTOM of over 5 700 kg and first issued with an individual CofA on or after 01 April 1998, the minimum recording duration of the CVR is 2 hours.
	6.3.3.1.1	CAT.IDE.A.195 (a) requires recording data link communications for aeroplanes issued with an individual CofA on or after 08 April 2014.
	6.3.5.1	Part CAT requires additional instruments.
	6.19.3	Collision avoidance logic version 7.1 of ACAS II is required ahead of Annex 10 Volume IV 4.3.5.3.3 applicability date.
	6.24.2	R965 currently only allows operational credits for HUDs and EVS.
	6.3	Airborne image recorders and lightweight flight recorder are not required. For installation requirements, refer to applicable certification specifications (CS 25.1457 for CVR and CS 25.1459 for FDR). For equipment design requirements, refer to applicable ETSOs (C123 for CVR, C124 for FDR, C176 for AIR, C177 for DLR, 2C197 for ADRS and CARS).
	6.3.1.2.1	CAT.IDE.A.190 (a) (3) applies to multi engine turbine powered aeroplanes with an MCTOM of 5 700 kg or less, ICAO requires for all turbine engine. CAT.IDE.A.190 (b) (5) is applicable to aeroplanes delivered an individual CofA on or after 1 January 2016. There is no alternative choice offered to the FDR in CAT.IDE.A.190. However it is in the scope of RMT.0271.
	6.3.1.2.2	CAT.IDE.A.190 (a) (3) applies to multi engine turbine powered aeroplanes with an MCTOM of 5 700 kg or less.
	6.3.1.2.3	CAT.IDE.A.190 (a) (1) applies to aeroplanes with an individual CofA after 1 June 1990.
	6.3.1.2.4	CAT.IDE.A.190 (a) (1) applies to aeroplanes with an individual CofA after 1 June 1990.
	6.3.1.2.11	The flight parameters of Type IA should be recorded only for aeroplanes first issued with an individual CofA on or after 01 January 2016.
	6.3.1.2.12	AMC 1 CAT.IDE.A.190 (c) states that 'The parameters to be recorded should meet the performance specifications (range, sampling intervals, accuracy limits and resolution in read out) as defined in the relevant tables of EUROCAE Document ED 112, including amendments n°1 and n°2, or any later equivalent standard produced by EUROCAE.' and the table of flight parameter performance in ED 112 is only specifying a maximum recording interval of 0.125 seconds for acceleration parameters.
	6.3.1.2.13	AMC 1 CAT.IDE.A.190 (c) states that 'The parameters to be recorded should meet the performance specifications (range, sampling intervals, accuracy limits and resolution in read out) as defined in the relevant tables of EUROCAE Document ED 112, including amendments n°1 and n°2, or any later equivalent standard produced by EUROCAE.' and the table of flight parameter performance in ED 112 is only specifying a maximum recording interval of 0.125 seconds for acceleration parameters.
	6.3.1.3.2	Discontinuation of old memory media not implemented.
İ	3.3.1.3.2	

ANNEX 6 —	OPERATION OF A	IRCRAFT, Part I, 11 th edition; Part II, 10 th edition; Part III, 10 th edition
Part I	6.3.1.3.3	Discontinuation of old memory media not implemented.
Chapter 6	6.3.1.3.4	Discontinuation of old memory media not implemented, however Opinion 01/2014 proposes discontinuation by 01 January 2019.
	6.3.1.3.5	Discontinuation of old memory media not 6.3.1.3.5 implemented.
	6.3.2.1.1	CVR for light aircraft not implemented.
	6.3.2.1.2	CVR for light aircraft not implemented.
	6.3.2.2.1	Discontinuation of old memory media not implemented, however Opinion 01/2014 proposes discontinuation by 01 January 2019.
	6.3.2.2.2	Discontinuation of old memory media not implemented, however Opinion 01/2014 proposes discontinuation by 01 January 2019.
	6.3.2.3.2	Retrofit extension of recording duration to two hours not implemented, however Opinion 01/2014 proposes retrofit by 01 January 2019.
	6.3.2.3.3	For aeroplanes with an MCTOM of over 5 700 kg and first issued with an individual CofA on or after 1 April 1998, the minimum recording duration of the CVR is 2 hours.
	6.3.2.3.4	Not implemented.
	6.3.2.4.3	Not implemented.
	6.3.3.1.2	Retrofit of data link communication recording 6.3.3.1.2 not implemented.
	6.3.4.4	It is not required that the FDR documentation is in electronic format.
	6.3.4.5.1	The carriage of two combination recorders is an alternative to carrying single function flight recorder.
	6.3.4.5.2	Requirement of a dual combination recorder configuration for MCTOM exceeding 15000 kg not implemented.
	6.5.2.1	Carriage of life jackets when flying en route over water beyond gliding distance from the shore, in the case of all other landplanes (not operated in accordance with 5.2.9 or 5.2.10) not implemented.
	6.5.3.1	ULB currently not required.
	6.20.2	Resolution of 7.62 m for the pressure altitude reporting transponder not implemented.
	6.20.3	Resolution of 7.62 m for the pressure altitude reporting transponder not implemented.
	6.20.4	Resolution of 7.62 m for the pressure altitude reporting transponder not implemented.
	6.22.1	Not implemented.
	6.22.2	Not implemented.
	6.24.1	R965 does not contain rules for SVS and EVS.
	6.25.1	No implementing rule available. AMC20 25 only partly addresses the standard.
	6.25.2.1	No implementing rule available. AMC20 25 only partly addresses the standard.
	6.25.2.2	No implementing rule available. AMC20 25 only partly addresses the standard.
	6.25.3	No implementing rule available. AMC20 25 only partly addresses the standard.
Part I Chapter 7	7.1.3	Less protective or partially implemented or not implemented.
Part I	8.2.1	EU requirements do not address the human factors principles.
Chapter 8	8.2.2	The AMC requires the procedures to be held current. The procedures imply the CAME.
	8.2.4	Non-compliance relates to the requirement to provide the manual to the State of Registry if different from the SofO. It is currently required to be approved by the State of Operator,
	8.3.1	Non-compliance relates to the requirement for HF in MP design.
	8.3.2	Maintenance programme should be provided by the operator as part of the maintenance data in accordance with Part 145.
	8.4.1	Non compliance refers to the item f) where only aircraft and service LLP's records in are concerned Part M. EU rules impose this requirement on the maintenance organisation through the 145.A.50(a).
	8.4.2	In relation to the items d) and e) Part M doesn't specify in corresponding provisions how long the records should be kept after the aircraft has been withdrawn from service but those records are still required to be kept under the provisions of M.A.305(h)(1) at least 36 months after release to service.

Part I	8.4.3	AIRCRAFT, Part I, 11 th edition; Part II, 10 th edition; Part III, 10 th edition More Exacting or Exceeds.
Chapter 8	8.7.4.1	Part 145 additionally requires to take into account human factors and human performance, provision and control of specialized services, procedure to minimize the risk of multiple errors and capture errors on multiple systems.
	8.7.2.3	Part 145 does not provide for a direct requirement for distribution of the MPM to the end users, however the paragraphs 145.A.70 (b) and AMC 145.A.70 (3) (5) have that objective.
	8.7.6.2	Part 145 requires to have a man hour plan showing that organisation is having sufficient staff.
	8.7.6.4	Requirement is reflected in two articles; one for the certifying staff, another is for the rest of the personnel.
	8.7.7.1	Part 145 requires to keep also subcontractor's release documents.
	8.7.6.3	Non-compliance relates to the qualification with Annex 1 - it is not required for component certifying staff, specialized services certifying staff. In accordance with Art 5(6)(ii) of Reg. 1321/2014 the national requirements of the Member State for the component certifying staff apply.
	8.8.3	Non-compliance is identified in relation to the requirement for Certifying Personnel identity in the aircraft CRS.
Part I Chapter 9	9.4.3.3	AMC1 ORO.FC. 105(b) (2);(c) [(c)] AMC2 ORO.FC. 105(c) [(a)&(b)] European rules have implemented a categorisation of aerodromes (A,B,C and/or demanding/not demanding). Rules achieve same safety level even though the classification is slightly different.
	9.4.4.1	The rule allows ATQP as an alternative to the prescriptive training requirements. Even though checking intervals can be extended, the same or even higher level needs to be achieved. For operations under VFR by day of performance class B aeroplanes conducted during seasons not longer than 8 consecutive months one OPC is sufficient.
Part I	10.4	Not transposed.
Chapter 10	10.5	Not transposed.
Part I Chapter 11	11.4.3	3 months storage period required under Reg. 11.4.3 965/2012.
Part I Chapter 12	12.4	In addition to the completion of initial training required by the Air Ops Regulation Reg. (EU) 965/2012, the Aircrew Reg. (EU) 1178/2011 also requires the issuing of a cabin crew attestation to each cabin crew member who will be operating in CAT operations. This attestation shall be issued in accordance with the mandatory EASA Form 142 (Appendix II to Part ARA). This attestation is considered valid as long as the holder acts as cabin crew and completes the other training required by the Air Ops Regulation. If a holder stops operating during more than 5 years, his/her attestation becomes invalid and initial training has to be completed again.
Part I Chapter 13	13.4.1	BR 216/2008 & Reg. 965/2012 only mention generic security training required, but not as detailed as in ICAO.
	13.4.2	Regulation (EU) 965/2008 only requires training on flight crew compartment procedures.
Part II	Definitions	Large aeroplane — Definition of the large aircraft combines aeroplane and helicopter.
Chapter 1		Combined vision system (CVS) — Term not yet defined in European rules. Will be transposed with RMT.0379 (AWO).
		Corporate aviation operation — Term not used.
		Electronic flight bag (EFB) — Not defined for non commercial operations.
		Flight crew member — No definition.
		Industry codes of practice — Not defined.
		Maintenance — EASA definition excludes pre flight inspections, having a separate definition.
		Maintenance programme — Not defined.
		Maintenance release — Not defined.
		Operations manual — Not implemented as a term.
		Repair — Term not used.
	i	Required communication performance (RCP) specification — Term not used.

ANNEX 6 —	- OPERATION OF	AIRCRAFT, Part I, 11 th edition; Part II, 10 th edition; Part III, 10 th edition
Part II		Synthetic vision system (SVS) — Term not yet defined in European rules.
Chapter 1		Target level of safety (TLS) — Not defined.
Part II	2.1.1.5	No specific requirement for non commercial operations of other than complex aircraft.
Chapter 2	2.2.4.2	European rules only allow a rotor to be turned under power for the purpose of flight or maintenance.
	2.2.8.1.1	R965 currently only allows operational credits for HUDs and EVS.
	2.4.11.2	Not implemented.
	2.4.11.3	Not implemented.
	2.4.16.1.2.1	Currently, only aeroplanes with an MCTOM of over 5 700 kg are required to carry an FDR by Part NCC. There is no flight recorder carriage requirement in Part NCO.
	2.4.16.1.2.2	There is no flight recorder carriage requirement in Part NCO.
	2.4.16.1.3.4	Discontinuation of magnetic tape FDR not implemented.
	2.4.16.1.3.5	Discontinuation of magnetic tape FDR not implemented.
	2.4.13.2	SSR TRANSPONDER (a) The secondary surveillance radar (SSR) transponders of aeroplanes being operated under European air traffic control should comply with any applicable Single European Sky legislation. (b) If the Single European Sky legislation is not applicable, the SSR transponders should operate in accordance with the relevant provisions of Volume IV of ICAO Annex 10.
	2.4.16.2.1	CVR for light aircraft not implemented.
	2.4.16.2.1.1	Less protective or partially implemented or not Implemented.
	2.4.16.2.2.1	Discontinuation of magnetic memory media not yet implemented, however Opinion 01/2014 proposes discontinuation by 1 January 2019.
	2.4.1.6.2.3.3	NCC.IDE.A.160 only requires carriage of a CVR for aeroplanes first issued with individual CofA on or after 2016. Not implemented in Part NCO.
	2.4.16.3.1.2	Retrofit of data link communication recording not implemented.
	2.4.16.3.2	Not implemented in Part NCO.
	2.4.16.3.3	Not implemented in Part NCO.
	2.4.16.4.2.1	Not implemented in Part NCO.
	2.4.16.4.2.2	Not implemented in Part NCO.
	2.4.16.4.3	NCC.GEN.145(a) Reg. (EU) 965/2012.
	2.4.16.4.4	Not implemented in Part NCO.
	2.4.16.4.5	It is not required that the FDR documentation is in electronic format.
	2.4.17.1	NCC.GEN.130 and NCO.GEN.125 only addresses the potential effect on the performance of the aircraft system and not on the ability to operate the aeroplane.
	2.4.17.2.1	NCC: EFB failure is not addressed. NCO: Except the general requirement on PED, there is no specific requirement applicable to EFBs.
	2.4.17.2.2	Except for mass and balance applications, there is no specific operational criteria for the use of EFB functions to be used for the safe operation of aeroplanes. Not implemented in Part NCO.
	2.6.1.1	The non-compliance is identified only in regards to the CAW procedures accepted by the State of Registry in case of the of the aeroplanes other than large managed by the individuals. It is not required. In these cases the rule prescribes how the CAW management shall be performed.
	2.6.2.1	The non-compliance refers to the item f) where only aircraft and service LLP's records in are required to kept by the owner. EU rules impose the requirement to keep all the records on the maintenance organisation through the 145.A.55(a).
	2.6.2.2	In relation to the items d) and e) Part M doesn't specify in corresponding provisions how long the records should be kept after the aircraft has been withdrawn from service but those records are still required to be kept under the provisions of M.A.305(h)(1) at least 36 months after release to service.

ANNEX 6 —	OPERATION OF	AIRCRAFT, Part I, 11 th edition; Part II, 10 th edition; Part III, 10 th edition
Part II Chapter 2	2.6.2.3	Part M requires to transfer Technical logbook as well the time periods are applicable to the new owner/operator. Temporary transfer is defined and consists of 6 months. Part M does not contain provisions for alleviation from relevant maintenance records on board of an aircraft.
	2.6.4.1	The non-compliance is identified only in regards to the availability of the procedures accepted by the State of Registry during the maintenance of the aeroplanes other than large by the individuals. Part M does not specify in M.A.801/M.A.802 that maintenance shall be performed in accordance with the maintenance data and the procedures acceptable to the State of Registry, but following the maintenance data is required by M.A.402 performance of maintenance.
	2.6.4.2	Non-compliance is identified in relation to the requirement for Certifying Personnel identity in the aircraft CRS when the maintenance is released by Part 145 AMO.
	2.9.1	Reg. (EC) 300/2008 does not include any reference to pilot in command responsibilities.
Part II Chapter 3	3.1.2	Definition of complex motor powered aeroplane includes aeroplanes only with a MOPSC of more than 19.
	3.1.2.1	Such operations are not allowed.
	3.4.1	Such operations are not allowed.
	3.4.2	Such operations are not allowed.
	3.4.2.1.1	Not implemented.
	3.4.2.1.2	Not implemented.
	3.4.3	Such operations are not allowed.
	3.4.3.5.2	European rules use a performance based condition to cover (b)(3), (b)(4) and (b)(7) "any other condition that may increase fuel consumption."
	3.4.4	Such operations are not allowed.
	3.6.3.1.1.2	Less protective or partially implemented or not implemented.
	3.6.3.1.1.3	No retroactive FDR carriage requirement for aeroplanes above 5700 kg MCTOM.
	3.6.3.2.1.1	According to NCC.IDE.A.160 (a)(2), an aeroplane model is eligible for carrying a CVR if its MCTOM is more than 2 250 kg, it is certified for operation with at least 2 pilots and it is equipped with at least one turbojet engine or several turboprop engines. All these conditions together restrict more the set of eligible aeroplanes than Standard 3. 6.3.2.1 does.
	3.6.3.2.1.2	No retroactive CVR carriage requirement for aeroplanes above 27000 kg MCTOM.
	3.6.3.2.1.3	No retroactive CVR carriage requirement for aeroplanes above 5700 kg MCTOM.
	3.6.9.1	European Regulatory system requires ACAS II to turbine engine aeroplanes with an MCTOM of more than 5700 kg or MOPSC of more than 19.
	3.8.1.1	Same input as in SARP 2.6.1.1. because of the mismatch of the definition of 'Large aircraft' and applicability clause 3.1.1(b) in Part II Annex 6 'b) aeroplanes equipped with one or more turbojet engines.'
	3.8.1.2	Covers aeroplanes with MTOW more than 5700 kg. For the aeroplanes equipped with one or more turbojet engines and with seating configuration of more than 9 passenger seats with MTOW < 5700 kg the recommendation is not implemented.
Part II Chapter 3	3.8.3.1	Non-compliance relates to the requirement for HF in MP design and for the application of MP the HF principles are not taken into account for the maintenance out of Part 145 organisations of the aeroplanes with one or more turbojet engine and /or with seating configuration more than 9 passengers having MTOW < 5700kg.
	3.8.3.2	Maintenance programme should be provided by the operator as part of the maintenance data in accordance with Part 145 and Part M.
	3.8.5.2	Non-compliance is identified in relation to the maintenance release of the large aeroplanes for the requirement for Certifying Personnel identity in the aircraft CRS.
	3.8.4	For the transmission od the information as per Annex 8 there is no alleviation related to MTOW - required from all aeroplanes' owners.
	3.13.1	Article 10 of Reg. 300/2008 is directed towards the Member State and not the operator. Art. 14 requires the entity to establish a programme.

ANNEX 6 —	OPERATION OF	AIRCRAFT, Part I, 11 th edition; Part II, 10 th edition; Part III, 10 th edition
Part II	4.3.1.2.1	The MCTOM threshold provided in CAT.IDE.H.190 is 3175 kg instead of 3180 kg.
Chapter 4	4.3.1.2.2	The passenger capacity threshold in CAT.IDE.H.190 4.3.1.2.2 (a)(1) is 9 and not 19. 4.
	4.5.2.6	The AMC is applicable to all helicopters regardless of the date of issuance of the CofA.
	4.16.2	R965 currently only allows operational credits for HUDs and EVS.
Part II Chapter 6	6.4.3	Part M requires to transfer TLB as well and the time periods are applicable to the new owner/operator. Temporary transfer is defined and consists of 6 months.
Part II Chapter 7	7.2	ICAO Annex 6 SARPS 7.2 established provisions for each type of helicopter ORO.FC.130 (a) Required for each type and variant. ORO.GEN.110(h) requires the use of a checklist, ICAO Annex6 9.2 does not require it.
Part II Chapter 10	10.3	In addition to the completion of initial training required by the Air Ops Reg. (EU) 965, 2012, the Aircrew Reg. (EU) 1178/2011 also requires the issuing of a cabin crew attestation to each cabin crew member who will be operating in CAT operations. This attestation shall be issued in accordance with the mandatory EASA Form 142 (Appendix II to Part ARA). This attestation is considered valid as long as the holder acts as cabin crew and completes the other training required by the Air Ops Regulation. If a holder stops operating during more than 5 years, his/her attestation becomes invalid and initial training has to be completed again.
Part III	Definitions	Airworthy — No definition as such.
Chapter 1		Combined vision system (CVS) — This definition is not used in Reg. (EU) 965/2012.
		Configuration deviation list (CDL) — Not defined as a term.
		Flight crew member — No definition
		Maintenance organization's procedures manual — Not implemented as a term.
		Maintenance programme — Not implemented as a term.
		Maintenance release — Not implemented as a term.
		Operation — No definition.
		Operator's maintenance control manual — Not implemented as a term.
		Required communication performance (RCP) specification — Term not used.
		State of the Aerodrome — This definition does not exist in the EU rules.
		Synthetic vision system (SVS) — It is not used in the EU rules.
		Take-off and initial climb phase — No definition as such. Explanation used in European rules. Same safety margins. But differences exist depending of the performance class of the Helicopter.
	1.1.4	Reg. (EU) 965/2012 doesn't require licensing of operations officer or flight.
	1.1.5	Fully implemented for NCC, but not implemented for 1.1.5 NCO.
	1.3.1	No requirement for a flight data analysis programme for helicopter operations.
Part III Chapter 2	2.4.9.3	The phraseology is addressed in a SIB. The SARPS will be transposed through RMT.0573. European rules require to declare PAN,PAN,PAN.
	2.6.1	The European rules do not require a flight operations officer.
	2.6.2.1	Heliport of intended landing OR at least one alternate heliport will, at the estimated time of arrival, be at or above the heliport operating minima.
	2.7.1	For isolated heliports the minimum weather conditions defined in 2.6.2.2 have to prevail AND all the other conditions must be met.
	2.9.2	Not implemented.
	2.17.1	Not implemented.
	2.19.1	Procedure is forbidden with AVGAS or wide cut fuel.
	2.19.2	Fully implemented as a requirement for NCC operators. Not implemented for NCO.
	2.20	Not implemented for flights at a distance from land corresponding to 10 minutes of flight or less (NCC), 50NM (NCO). For greater distances, an emergency floatation device can be used as another means of compliance.
Part III Chapter 3	3.3	Partially implemented through safety management for NCC, not implemented for NCO.

Part III	4.1.3.2	F AIRCRAFT, Part I, 11 th edition; Part II, 10 th edition; Part III, 10 th edition Not implemented. (not really applicable for helicopters as the requirement for built in fire
Chapter 4		extinguishers in lavatories derives from CS 25 only).
	4.1.3.3	Implemented only on flights where survival equipment is required for NCC operators Recommender for NCO operators.
	4.2.1	The following additional instruments are also prescribed: a means of measuring slip For NCC operations over water, all instruments required for Night VFR are also required.
	4.2.2.1	Not implemented yet.
	4.2.2	Universal precaution kit and spare electrical fuses are not required.
	4.2.3	The following additional instruments are also prescribed: An alternate source of static pressure. Whenever 2 pilots are required, an additional separate means of indicating pressure altitude, IAS, VS, slip, and stabilised heading.
	4.3.1.1.1	CAT.IDE.H.190 recommends compliance with ED 112 only for helicopters manufactured on or after 01 January 2016.
	4.3.1.2.3	Required for helicopters first issued with an individual CofA on or after 01 August 1999
	4.3.1.2.4	Not implemented.
	4.3.1.2.5	Not implemented.
	4.3.1.3.2	Discontinuation of frequency modulation FDR not implemented, European rules allow the use of it.
	4.3.1.3.4	Discontinuation of frequency modulation FDR not implemented.
	4.3.1.3.5	Discontinuation of frequency modulation FDR not implemented.
	4.3.1.3.6	Discontinuation of frequency modulation FDR not implemented.
	4.3.1.4	Only in the case of helicopters first issued with an individual CofA on or after 01 January 2016 (corresponding to type IVA) is the FDR required to record data for at least the preceding 10 hours.
	4.3.2.2.1	Discontinuation of magnetic tape CVR not implemented, however Opinion 01/2014 proposes discontinuation by 01 January 2019.
	4.3.2.2.2	Discontinuation of magnetic tape CVR not implemented, however Opinion 01/2014 proposes discontinuation by 01 January 2019.
	4.3.2.3.3	Not implemented.
	4.3.2.4	Not implemented for NCO operators.
	4.3.2.5	Implemented for NCC operators. Not implemented for NCO operators.
	4.3.2.6	Implemented for NCC operators. Not implemented for NCO operators.
	4.3.3.1.2	Not implemented.
	4.3.4.4	It is not required that the FDR documentation is in electronic format.
	4.4.4	European rules do not require Ground Proximity Warning system for helicopters.
	4.5.2	No provisions for pressurised helicopters.
	4.5.3.2	Considerations on sun not included.
	4.6	No English translation is required.
	4.7.1.1.1	Provisions related to type IVA FDRs are not implemented.
	4.7.1.1.3	Provisions related to type V FDRs are not implemented.
	4.7.1.2.1	Fully implemented for NCC. Not implemented for NCO.
	4.7.1.2.2	Not implemented.
	4.7.1.2.3	Not implemented.
	4.7.2.1.1	Implemented only for NCC operators with helicopters for which the individual CofA is first issued on or after 01 January 2016.
	4.7.2.1.2	Not implemented.
	4.8.4	Not implemented.
	4.11.2	The safety risk assessment is not required for NCO operators.
	4.12	NCC.GEN.130 and NCO.GEN.125 only address the potential effect on the performance of the aircraft system and not on the ability to operate the helicopter.
	4.12.1	NCC.GEN.130 and NCO.GEN.125 only address the potential effect on the performance of the aircraft system and not on the ability to operate the helicopter.

ANNEX 6 —	OPERATION OF AI	RCRAFT, Part I, 11 th edition; Part II, 10 th edition; Part III, 10 th edition
Part III Chapter 4	4.12.2.2	Except for mass and balance applications, there is no specific operational criteria for the use of EFB functions to be used for the safe operation of helicopters, and the scope of AMC 20 25 is limited to CAT operators.
	4.12.3	Except for mass and balance applications, there is no specific operational criteria for the use of EFB functions to be used for the safe operation of helicopters, and the scope of AMC 20 25 is limited to CAT operators.
	4.15	Less protective or partially implemented or not implemented.
	4.17.1	No implementing rule available. AMC20 25 only partly addresses the standard.
	4.17.2.1	No implementing rule available. AMC20 25 only partly addresses the standard.
	4.17.2.2	No implementing rule available. AMC20 25 only partly addresses the standard.
	4.17.3	No implementing rule available. AMC20 25 only partly addresses the standard.
	4.3.1.1.3	Less protective or partially implemented or not implemented.
Part III Chapter 6	6.1.3	Non-compliance relates to the qualification in accordance with Annex $1-it$ is not required for component certifying staff, specialized services certifying staff working in Part M, Subpart F organisations.
	6.2.1	The non-compliance refers to the item f) where only aircraft and service LLP's records in are required to kept by the owner. EU rules impose the requirement to keep all the records on the maintenance organisation through the 145.A.55(a).
	6.2.4	Non-compliance relates to the requirement to provide the manual to the State of Registry if different from the SofO. It is currently required to be approved by the State of Operator.
	6.3.1	Non-compliance is in relation to the requirement for HF in MP design.
	6.2.2	The AMC requires the procedures to be held.
	6.2.3	The basic requirements apply to the amendments as well as procedures required to be current.
	6.3.2	Maintenance programme should be provided by the operator as part of the maintenance data in accordance with Part 145.
	6.4.1	Non-compliance refers to the item f) where only aircraft and service LLP's records in are concerned Part M. EU rules impose this requirement on the maintenance organisation through the 145.A.50(a).
	6.4.2	In relation to the items d) and e) Part M doesn't specify in corresponding provisions how long the records should be kept after the aircraft has been withdrawn from service but those records are still required to be kept under the provisions of M.A.305(h)(1) at least for 36 months after release to service.
	6.5.2	Non-compliance is identified in relation to the requirement for Certifying Personnel identity in the aircraft CRS when the maintenance is released by Part 145 AMO.
	6.7.2	Non-compliance is identified in relation to the requirement for Certifying Personnel identity in the aircraft CRS.
	6.8.2	For a), b)(1) it is required to be kept for 12 months after aircraft is permanently withdrawn from service. However for b)(2)(3) and c) Part M doesn't specify in corresponding provisions how long the records should be kept after the aircraft has been withdrawn from service. Nevertheless those records are still required to be kept under the provisions of M.A.305(h)(1) at least for 36 months after release to service.
Part III	7.1	Fully implemented for NCC. Not implemented for NCO.
Chapter 7	7.2	CPL license includes training related to radio communication. Even a rating is included. Obtaining a CPL license certificate qualifies in the use of radio communications in an ICAO equivalent requirements.
Part III	8.2	ORO.GEN.110 Reg. (EU) 965/2012
Chapter 8	8.3	No detailed requirement for flight dispatchers training.
	8.4	Not transposed.
	8.5	Not transposed.
Part III Chapter 9	9.2	No procedures are foreseen in accordance with item m) because under the AIR OPS in most of the cases Regulation 1321/2014 applies. The Non compliance could be only in case AMC1 ORO.AOC.110(c) - special continuing airworthiness requirements related to the 'wet lease in' of the aircraft from the 3d country.
	9.4.3	3 months storage period required under Reg. 9.4.3 965/2012

ANNEX 7 — AIRCRAFT NATIONALITY AND REGISTRATION MARKS, 6 th edition		
NIL		

ANNEX 8 — AIRWORTHINESS OF AIRCRAFT, 12 th edition			
4.1.6(g); 4.1.6(h); 4.1.6(i)	Considerations are not implemented.		
11.1; 11.2. 11.3 and subparts K1, K2	Considerations are not implemented.		
and K3			

ANNEX 9 — FACILITATION, 15th edition NIL

ANNEX 10 — AERONAUTICAL TELECOMMUNICATIONS, Vol. I, 7th edition; Vol. II, 7th edition; Vol. III, 2nd edition; Vol. IV, 5th edition; Vol. V, 3rd edition ICAO Annex 10 ICAO Annex 10, Volume II, Chapter 5.2.1.4.1 is transposed in point SERA.14035 of Difference Implementing Regulation (EU) No 923/2012 with some differences. The differences A10-01 Volume II Chapter 5 between that ICAO Standard and that Union Regulation are as follows: 5.2.1.4.1 SERA.14035 Transmission of numbers in radiotelephony (a) Transmission of numbers All numbers used in the transmission of aircraft call sign, headings, runway, wind direction and speed shall be transmitted by pronouncing each digit separately. Flight levels shall be transmitted by pronouncing each digit separately i. except for the case of flight levels in whole hundreds. The altimeter setting shall be transmitted by pronouncing each digit ii. separately except for the case of a setting of 1 000 hPa which shall be transmitted as "ONE THOUSAND". iii. All numbers used in the transmission of transponder codes shall be transmitted by pronouncing each digit separately except that, when the transponder codes contain whole thousands only, the information shall be transmitted by pronouncing the digit in the number of thousands followed by the word "THOUSAND". 2. All numbers used in transmission of other information than those described in point (a)(1) shall be transmitted by pronouncing each digit separately, except that all numbers containing whole hundreds and whole thousands shall be transmitted by pronouncing each digit in the number of hundreds or thousands followed by the word "HUNDRED" or "THOUSAND", as appropriate. Combinations of thousands and whole hundreds shall be transmitted by pronouncing each digit in the number of thousands followed by the word "THOUSAND", followed by the number of hundreds, followed by the word "HUNDRED". 3. In cases where there is a need to clarify the number transmitted as whole thousands and/or whole hundreds, the number shall be transmitted by pronouncing each digit separately. When providing information regarding relative bearing to an object or to 4. conflicting traffic in terms of the 12-hour clock, the information shall be given pronouncing the digits together such as "TEN O'CLOCK" or "ELEVEN O'CLOCK". Numbers containing a decimal point shall be transmitted as prescribed in point 5. (a)(1) with the decimal point in appropriate sequence indicated by the word "DECIMAL". 6. All six digits of the numerical designator shall be used to identify the transmitting channel in Very High Frequency (VHF) radiotelephony communications except in the case of both the fifth and sixth digits being zeros, in which case only the first four digits shall be used. 21.7.2016 L 196/42 Official Journal of the European Union EN.

ANNEX 10 — AERONAUTICAL TELECOMMUNICATIONS, Vol. I, 7 th edition; Vol. II, 7 th edition; Vol. III, 2 nd edition; Vol. IV, 5 th edition; Vol. V, 3 rd edition				
Difference	ICAO Annex 10	ICAO Annex 10, Volume II, Chapter 5.2.1.7.3.2.3 is transposed in point SERA.14055		
A10-02	Volume II	of Implementing Regulation (EU) No 923/2012 with a difference. The difference		
	Chapter 5	between that ICAO Standard and that EU Regulation is as follows:		
	5.2.1.7.3.2.3			
		SERA.14055 Radiotelephony procedures		
		"(b)(2)The reply to the above calls shall use the call sign of the station calling, followed by the call sign of the station answering, which shall be considered an invitation to proceed with transmission by the station calling. For transfers of communication within one ATS unit, the call sign of the ATS unit may be omitted, when so authorised by the competent authority."		

ANNEX 11 — AIR TRAFFIC SERVICES, 15 th edition				
Difference A11-01	Chapter 2 Paragraph 2.25.5	Implementing Regulation (EU) No 923/2012 SERA.3401(d)(1) differs from ICAO Annex 11, standard 2.25.5 by stating that: 'Time checks shall be given at least to the nearest minute'		
Difference A11-02	Chapter 2 Paragraph 2.6.1	Exemption possibility. Implementing Regulation (EU) No 923/2012 paragraph SERA.6001 allows aircraft to exceed the 250 knot speed limit where approved by the competent authority for aircraft types, which for technical or safety reasons, cannot maintain this speed.		
Difference A11-03	Chapter 3	New provision. Implementing Regulation (EU) No 923/2012, paragraph SERA.8005(b), specifies: "(b) Clearances issued by air traffic control units shall provide separation: 1. between all flights in airspace Classes A and B; 2. between IFR flights in airspace Classes C, D and E; 3. between IFR flights and VFR flights in airspace Class C; 4. between IFR flights and special VFR flights; 5. between special VFR flights unless otherwise prescribed by the competent authority; except that, when requested by the pilot of an aircraft and agreed by the pilot of the other aircraft and if so prescribed by the competent authority for the cases listed under (b) above in airspace Classes D and E, a flight may be cleared subject to maintaining own separation in respect of a specific portion of the flight below 3 050 m (10 000 ft) during climb or descent, during day in visual meteorological conditions."		
Difference A11-04	Chapter 3	Implementing Regulation (EU) No 923/2012, paragraph SERA.8015, specifies (with the addition to ICAO Standard in Annex 11, 3.7.3.1 of the bold text): "(e) Read-back of clearances and safety-related information The flight crew shall read back to the air traffic controller safety-related parts of ATC clearances and instructions which are transmitted by voice. The following items shall always be read back: i. ATC route clearances; ii. clearances and instructions to enter, land on, take off from, hold short of, cross, taxi and backtrack on any runway; and iii. runway-in-use, altimeter settings, SSR codes, newly assigned communication channels, level instructions, heading and speed instructions; and iv. transition levels, whether issued by the controller or contained in ATIS broadcasts."		
Difference A11-05	Chapter 3	Implementing Regulation (EU) No 923/2012, paragraph SERA.8015(e)(2), specifies (with the addition to ICAO Standard in Annex 11, 3.7.3.1.1 of the bold text): "(2) Other clearances or instructions, including conditional clearances and taxi instructions, shall be read back or acknowledged in a manner to clearly indicate that they have been understood and will be complied with."		

ANNEX 11 -	- AIR TRAFFIC	SERVICES, 15 th edition
Difference A11-06	Chapter 3	New provision. Implementing Regulation (EU) No 923/2012, paragraph SERA.5010, specifies:
		SERA.5010 Special VFR in control zones
		Special VFR flights may be authorised to operate within a control zone, subject to an ATC clearance. Except when permitted by the competent authority for helicopters in special cases such as, but not limited to, police, medical, search and rescue operations and fire-fighting flights, the following additional conditions shall be applied: a. such special VFR flights may be conducted during day only, unless otherwise permitted by the competent authority; b. by the pilot:
		 i. clear of cloud and with the surface in sight; ii. the flight visibility is not less than 1 500 m or, for helicopters, not less than 800 m; iii. fly at speed of 140 kts IAS or less to give adequate opportunity to observe other traffic and any obstacles in time to avoid a collision; and
		c. An air traffic control unit shall not issue a special VFR clearance to aircraft to take off or land at an aerodrome within a control zone, or enter the aerodrome traffic zone or aerodrome traffic circuit when the reported meteorological conditions at that aerodrome are below the following minima: i. the ground visibility is less than 1 500 m or, for helicopters, less than 800 m; ii. the ceiling is less than 180 m (600 ft).

ANNEX 12 — SEARCH AND RESCUE, 8 th edition	
NIL	

ANNEX 13 — AIRCRAFT ACCIDENT INVESTIGATION, 12th edition NIL

ANNEX 14 -	- AERODROMES	s, Vol. I, 9 th edition; Vol. II, 5 th edition
Volume I Chapter 1	1.1.89	(EU)139/2014 Annex I Definitions (38g) (18a) (49) (41a) (15a) (38h).
		The definition includes an additional runway surface condition 'specially prepared winter runway'.
Volume I Chapter 2	2.9.5	(EU)139/2014 ADR.OPS. A.065(a) - Reporting of the runway surface condition.
		Two additional terms are used for the description of the runway surface condition, namely 'SPECIALLY PREPARED WINTER RUNWAY' and 'SLIPPERY WET'.
	2.12	(EU)139/2014 GM1 ADR.OPS. A.005 - Aerodrome Data.
		The specification has been partially transposed (Visual approach slope indicator systems).
Volume I Chapter 3	3.3.1	(EU)2018/1139 Article 34(5), (EU)139/2014 CS ADR-DSN.B.095(b) - Runway turn pads.
		The provision of the runway turn pad is conditional due to the inclusion of the words "if required" in the CS.

ANNEX 14	— AERODROME	ES, Vol. I, 9 th edition; Vol. II, 5 th edition
Volume I Chapter 5	5.2.1.3	(EU)2018/1139 Article 34(5), (EU)139/2014 CS ADR-DSN.L.560 - Interruption of runway markings.
I		Runway side stripe markings may also continue across the intersection.
	5.3.5.44	(EU)2018/1139 Article 34(5), (EU)139/2014 CS ADR-DSN.M.655(c) - Obstacle protection surface for PAPI/APAPI.
		The CS foresees one more case where an object or an extension to an existing object may penetrate the obstacle protection surface.
Volume I Chapter 9	9.2.2	(EU)139/2014 ADR.OPS. B.010(a)(2); AMC3 ADR.OPS. B.010(a)(2)(b) - Rescue & Fire Fighting Services.
		The AMC does not foresee the provision of specialist fire-fighting equipment appropriate to the hazard and risk.
	9.9.4	(EU)2018/1139 Article 34(5), (EU)139/2014 CS ADR-DSN.T.915(d) - Siting of equipment and installations on operational areas.
		In addition to the cases foreseen in the relevant specification, the CS allows the presence of equipment/ installations also after a safety assessment regarding safety and regularity.
Vol II		No significant differences.

ANNEX 15 — AERONAUTICAL INFORMATION SERVICES, 16th edition NIL

ANNEX 16 — ENVIRONMENTAL PROTECTION, Vol. I, 8th edition; Vol. II, 4th edition; Vol. III, 1st edition; Vol. IV, 1st edition

ANNEX 17 — SECURITY – SAFEGUARDING INTERNATIONAL CIVIL AVIATION AGAINST ACTS OF UNLAWFUL INTERFERENCE, 11th edition

ANNEX 18 — THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR, 4 th edition		
2.1.1	Reg.(EU)965/2012 requires an approval to transport dangerous goods (except for ELA 2 aircraft) in addition to the requirements of Annex 18 and the Technical Instructions.	
2.1.2	Reg.(EU)965/2012 requires an approval to transport dangerous goods in addition to the requirements of Annex 18 and the Technical Instructions.	
2.2.1	Reg.(EU)965/2012 requires an approval to transport dangerous goods (except for ELA 2 aircraft) in addition to the requirements of Annex 18 and the Technical Instructions.	
2.3	Annex 18 and the Technical Instructions are applicable through Reg. (EU) 965/2012 to domestic operations.	
9.6.1	Information to be notified is specified.	
9.6.2	Information to be notified is specified.	

ANNEX 19 — SAFETY MANAGEMENT, 2 nd edition	
NIL	

GEN-1.7 - 16 AIP 17 APR 2025 MALTA

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AIP GEN-2.1 - 1 MALTA 23 MAR 2023

GEN 2 TABLES AND CODES

GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, HOLIDAYS

1. Units of measurement

1.1 The table of units of measurement shown below will be used within Malta FIR/UIR for air and ground operations.

For measurement of	Units used
Distance used in navigation, position reporting, etc. (generally in excess of 2 NM)	Nautical Miles and tenths
Relatively short distances such as those relating to aerodromes (e.g. runway lengths)	Metres
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet per minute
Wind direction for landing and taking off	Degrees Magnetic
Wind direction except for landing and taking off	Degrees True
Visibility including runway visual range	Kilometres or Metres
Altimeter setting	Hectopascal
Temperature	Degrees Celsius
Weight	Metric Tonnes or Kilograms
Time	Hours and minutes, beginning at midnight UTC

2. Temporal reference system

I

- 2.1 Co-ordinated Universal Time (UTC) is used by air navigation services and in publications issued by the Aeronautical Information Service. Reporting of time is expressed in hours and minutes of the 24-hour day beginning at midnight. Minutes are expressed to the nearest minute e.g. 12:40:35 is reported as 1241.
- 2.1.1 A time check shall be obtained prior to operating a controlled flight and at such other times during the flight as may be necessary.
- 2.2 In the AIP and associated publications, the expression "summer period" will indicate that part of the year in which "daylight saving time" is in force. The other part of the year will be named the "winter period". Daylight saving time in Malta is UTC plus 2 hours. The "summer period" will be introduced every year on the last Sunday in March at 0100 UTC and it will cease on the last Sunday in October at 0100 UTC. Times applicable during the "summer period" are given in brackets. Local time in Malta is UTC plus 1 hour.

3. Horizontal reference system

3.1 Name/designation of datum

3.1.1 Except where otherwise indicated by an asterisk (*), all published geographical co-ordinates indicating latitude and longitude are expressed in terms of the World Geodetic System — 1984 (WGS-84) geodetic reference datum.

3.2 Area of application

3.2.1 The area of application for the published geographical co-ordinates coincides with the area of responsibility of the Aeronautical Information Service, i.e. the territory of Malta as well as the airspace over the high seas encompassed by the Malta FIR/UIR and those portions inside Rome FIR/UIR where the provision of ATC service has been delegated to Malta in accordance with a co-ordination agreement between Rome ACC and Malta ACC.

3.3 Use of asterisk to identify published geographical co-ordinates

3.3.1 An asterisk (*) will be used to identify those published geographical co-ordinates which have been transformed into WGS-84 co-ordinates but whose accuracy of original field work does not meet the requirements in ICAO Annex 11, Chapter 2 and ICAO Annex 14, Volumes I and II, Chapter 2. Specifications for determination and reporting of WGS-84 co-ordinates are given in ICAO Annex 11, Chapter 2 and ICAO Annex 14, Volumes I and II, Chapter 2.

4. Vertical reference system

4.1 Vertical Reference System for air navigation corresponds to mean sea level (MSL).

5. Aircraft nationality and registration marks

5.1 The nationality mark for civil aircraft registered in Malta is 9H. The nationality mark is followed by a hyphen and a registration mark consisting of a group of three to five characters, which characters can be a combination of letters and/or numbers, e.g. 9H-AAA, 9H-111AA.

6. Public holidays

Name	Date/Day
New Year's Day	1 January
St. Paul's Shipwreck	10 February
St. Joseph	19 March
Freedom Day	31 March
Good Friday	Friday before Easter
Workers' Day	1 May
Sette Giugno	7 June
St. Peter and St. Paul	29 June
The Assumption	15 August
Our Lady of Victories	8 September
Independence Day	21 September
Immaculate Conception	8 December
Republic Day	13 December
Christmas Day	25 December

GEN 2.2 ABBREVIATIONS USED IN AIS PUBLICATIONS

1. FRA glossary of terms

Aeronautical Data	A representation of aeronautical facts, concepts or instructions in a formalized manner suitable for communication, interpretation or processing.		
Aeronautical Information	Information resulting from the assembly, analysis and formatting of aeronautical data.		
Aeronautical Information Publication (AIP)	A publication issued by or with the authority of a State and containing aeronautical information of a lasting character essential to air navigation.		
Area navigation route	An ATS route established for the use of aircraft capable of employing area navigation.		
ATS route	A specified route designed for channelling the flow of traffic as necessary for the provision of air traffic services.		
	Note 1: The term "ATS route" is used to mean variously, airway, advisory route, controlled or uncontrolled route, arrival or departure route, etc.		
	Note 2: An ATS route is defined by route specifications which include an ATS route designator, the track to or from significant points (waypoints), distance between signification points, reporting requirements and, as determined by the appropriate ATS authority, the lowest safe altitude.		
DCT	Direct (in relation to flight plan clearances and type of approach)		
	Decoded abbreviation/indicator DCT (Direct) or Encoded abbreviation/indicator Direct (DCT) should be used only: for flight planning purposes when submitting FPL; when executing a specified type of approach.		
Free Route Airspace (FRA)	A specified airspace within which users may freely plan a route between a defined entry point and a defined exit point, with the possibility to route via intermediate (published or unpublished) way points, without reference to the ATS route network, subject to airspace availability. Within this airspace, flights remain subject to air traffic control.		
FRA Arrival Connecting Point (A)	A published Significant Point to which FRA operations are allowed for arriving traffic to specific aerodromes. The FRA relevance of such points is included in ENR 4.1/4.4 columns as (A). Indications on their use for arrivals to specific aerodromes shall be notified via the RAD.		
FRA Departure Connecting Point (D)	A published Significant Point from which FRA operations are allowed for departing traffic from specific aerodromes. The FRA relevance of such points is included in ENR 4.1/4.4 columns as (D). Indications on their use for departures from specific aerodromes shall be notified via the RAD.		
FRA Horizontal Entry Point (E)	A published Significant Point on the horizontal boundary of the Free Route Airspace from which FRA operations are allowed. The FRA relevance of such points is included in ENR 4.1/4.4 columns as (E). If this point has specific conditions of utilization, this shall be described in the RAD.		
FRA Horizontal Exit Point (X)	A published Significant Point on the horizontal boundary of the Free Route Airspace from which FRA operations are allowed. The FRA relevance of such points is included in ENR 4.1/4.4 columns as (X). If this point has specific conditions of utilization, this shall be described in the RAD.		
FRA Intermediate Point (I)	A published Significant Point or unpublished point, defined by geographical coordinates or by bearing and distance via which FRA operations are allowed. If published, the FRA relevance of such points is included in ENR 4.1/4.4 columns as (I). If this point has specific conditions of utilization, this shall be described in the RAD.		

NOTAM	A notice containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations.	
Route Availability Document (RAD)	A common reference document containing the policies, procedures and description for route and traffic orientation. It also includes route network and free route airspace utilization rules and availability.	
Special Areas (SA)	Refers to airspace of defined dimensions for the exclusive use of specific users. These are special designed areas within which both civil and military activities could take place, including CBA, TRA, TSA, D, R, P and any specially activated areas.	
Significant Point	A specified geographical location used in defining an ATS route or the flight plan of an aircraft and for other navigational and ATS purposes. Note: There are three categories of significant points: ground-based navigation aid, intersection and waypoint. In the context of this definition, intersection is a significant point expressed as radials, bearings and/or distances from ground based navigation aids.	
Waypoint	A specified geographical location used to define an area navigation route or the flight path of an aircraft employing area navigation. Waypoints are identified as either: • Fly-by waypoint: A waypoint which requires turn anticipation to allow tangential interception of the next segment of a route or procedure, or • Flyover waypoint: A waypoint at which a turn is initiated in order to join the next segment of a route or procedure.	

2. Abbreviations used in AIS publications

Abbreviations marked by an asterisk (*) are either different from or not contained in ICAO Doc 8400.

		BRG	Bearing
	Α	BTN	Between
AAL	Above aerodrome level		
AAR	Air to air refuelling		С
ABN	Aerodrome beacon	*CAD-TM	Civil Aviation Directorate —
ABV	Above	CAD-TIVI	Transport Malta
AC	Altocumulus	CAT	Clear air turbulence
ACC	Area control centre	CAVOK	Visibility, cloud and present
ACCID	Aircraft accident notification	CAVOR	weather better than prescribed
ACFT	Aircraft		values or conditions
ACP	Acceptance	СВ	Cumulonimbus
AD	(message type designator)	CC	Cirrocumulus
ADA	Advisory	CCO	Continuous climb operations
ADA	Advisory area	CDO	Continuous descent operations
ADF	Automatic direction-finding	CDR	Conditional route
ADD	equipment	CHG	Modification
ADV	Advisory route	0110	(message type designator)
ADVS	Advisory service	CI	Cirrus
AFIL	Flight plan filed in the air	CIDIN	Common ICAO data interchange
AFIS	Aerodrome flight information service		network
*AFM	Armed Forces of Malta	CLR	Clear or cleared to or clearance
AFS	Aeronautical fixed service	CLSD	Closed
AFTN	Aeronautical fixed	CNL	Cancel or cancelled
	telecommunication network	CNL	Flight plan cancellation
AGL	Above ground level	CONT	(message type designator)
AIC	Aeronautical information circular	CONT CPDLC	Continue or continued
AIM	Aeronautical information	CPDLC	Controller-pilot data link communications
	management	CPL	Current flight plan
AIP	Aeronautical information	OFL	(message type designator)
AIDAO	publication	CS	Cirrostratus
AIRAC	Aeronautical information regulation	CTA	Control area
AIDED	and control	CTR	Control zone
AIREP AIS	Air-report	CUST	Customs
ALERFA	Alert phase	CWY	Clearway
ALR	Alert phase Alerting (message type designator)		olou may
AMSL			
AO	Above mean sea level Aircraft operator		D
*AOR	Area of responsibility	DCT	Direct
APP	Approach control	*DDM	Difference in Depth Modulation
APR	April	DEC	December '
APV	Approach procedure with vertical	DEG	Degrees
7 ti V	guidance	DEP	Departure message or departure or
*ARES	Airspace reservation		depart
ATC	Air traffic control	DER	Departure end of runway
ATIS	Automatic terminal information	DEST	Destination
	service	DETRESFA	Distress phase
AUG	August	DIST	Distance
	·9	DLA	Delay message or delayed
		DLIC	Data link initiation capability
	В	DME	Distance measuring equipment
BA	Braking action	DOF *DOT	Date of flight
BCN	Beacon	*DST	Daylight Saving Time
BCST	Broadcast	DTG	Date-time group
BDRY	Boundary		

	E		Н
E	East or Eastern longitude	H24	Continuous day and night service
*EASA		HBN	Hazard beacon
	European Aviation Safety Agency		
EAT	Expected approach time	HDG	Heading
EET	Estimated elapsed time	HEL	Helicopter
ELEV	Elevation	HF	High frequency (3,000 to 30,000
*ELS	Mode S elementary surveillance		KHz)
EM	Emission	HF	Holding fix
EMERG	Emergency	HGT	Height or height above
ENR	En-route	HJ	Sunrise to sunset
EOBT		HLP	
	Estimated off-block time		Heliport
EST		HLS	Helicopter landing site
	(message type designator)	HN	Sunset to sunrise
ETA	Estimated time of arrival or	НО	Service available to meet
	estimating arrival		operational requirements
ETD	Estimated time of departure or	HOL	Holiday
	estimating departure	HPA	Hectopascal
ETO	Estimated time over significant	HR	Hours
LIO	_	HS	
	point	по	Service available during hours of
			scheduled operations
		HX	No specific working hours
	F	HUM	Humanitarian
F	Fixed	HZ	Hertz
FAC	Facilities		
FAF	Final approach fix		
FAP	Final approach point		I
FATO	Final approach and take-off area	IAC	Instrument approach chart
	• •		Instrument approach chart
FAX	Facsimile transmission	IAF	Initial approach fix
FCST	Forecast	IAS	Indicated airspeed
FCT	Friction coefficient	IBN	Identification beacon
FEB	February	ICAO	International Civil Aviation
FIC	Flight information centre		Organization
FIR	Flight information region	ID	Identifier or identity
FIS	Flight information service	IDENT	Identification
FL	Flight level	IFR	Instrument flight rules
FLG	-	ILS	
	Flashing		Instrument landing system
FLT	Flight	IMC	Instrument meteorological
FMU	Flow management unit		conditions
FNA	Final approach	INCERFA	Uncertainty phase
FPL	Flight plan	INTL	International
FPM	Feet per minute		
*FRA	Free route airspace		
FREQ	Frequency		J
FRI	Friday	JAN	January
FRNG		JUL	
	Firing		July
FT	Feet (dimensional unit)	JUN	June
	G		 К
C		VC.	
G	Green	KG	Kilograms
GA	General aviation	KHZ	Kilohertz
*GAT	General air traffic	KM	Kilometres
GEN	General	KMH	Kilometres per hour
GEO	Geographic <i>or</i> true	KT	Knots
GND	Ground	KW	Kilowatts
OIND	Ground		Miowalis
GP	Glide path		Miowatts

-			
		NC	No change
	L	NDB	Non-directional radio beacon
LAT	Latitude	NM	Nautical miles
LDA	Landing distance available	*NM	Network Manager
LDI	Landing direction indicator	NOF	International NOTAM office
*LED	Light-emitting diode	NOSIG	No significant change
LF	Low frequency (30 to 300 KHz)	NOTAM	Notice to airmen
LGT		NOV	November
	Light <i>or</i> lighting		
LGTD	Lighted 		
*LLZ	Localizer		0
LMT	Local mean time	*^^	
LONG	Longitude	*OAT	Operational air traffic
LRG	Long range	OBST	Obstacle
*LT	Local time	OCA	Obstacle clearance altitude
LTA	Lower control area	OCH	Obstacle clearance height
LTD	Limited	OCS	Obstacle clearance surface
*LTM	Lufthansa Technik Malta	OCT	October
LIIVI	Luttiansa Teomin Waita	OFZ	Obstacle-free zone
I		OM	Outer marker
	M	OPR	Operate or operative or operating or
		OI IX	
M	Metres	000	operational
MAG	Magnetic	OPS	Operations
MAINT	Maintenance	O/R	On request
MAPT	Missed approach point		
MAR	March		_
MAX	Maximum		Р
MAY	May	PANS	Procedures for air navigation
MEA	Minimum en-route altitude		services
		PAPI	Precision approach path indicator
MEDEVAC	Medical evacuation flight	PBC	Performance-based
*MEL	Minimum en-route level	1 00	communication
MET	Meteorology <i>or</i> meteorological	DDM	
METAR	Aviation routine weather report	PBN	Performance-based navigation
MF	Medium frequency (300 to 3,000	PBS	Performance-based surveillance
	KHz)	PJE	Parachute jumping exercise
MHA	Minimum holding altitude	PLN	Flight Plan
MHZ	Megahertz	PN	Prior notice required
*MIA	Malta International Airport	PNR	Point of no return
MIL	Military	POB	Persons on board
MIN	Minutes	PPI	Plan position indicator
		PPR	Prior permission required
MKR	Marker radio beacon	PROV	Provisional
MNM	Minimum		Position
MON	Monday	PSN	
*MOTNE	Meteorological Operational	PSR	Primary surveillance radar
	Telecommunication Network	PTN	Procedure turn
	Europe		
MPS	Metres per second		^
MRG	Medium range		Q
MSA	Minimum sector altitude	QDM	Magnetic heading (zero wind)
MSL	Mean sea level	QDR	Magnetic bearing
		QFE	Atmospheric pressure at
MSSR	Monopulse secondary surveillance	- αι L	·
	radar		aerodrome elevation (or at runway
MTOM	Maximum take-off mass	OFL	threshold)
MWO	Meteorological watch office	QFU	Magnetic orientation of runway
	-	QNH	Altimeter sub-scale setting to obtain
			elevation when on the ground
	N	QTE	True bearing
N	North <i>or</i> northern latitude	QUAD	Quadrant
NAV	Navigation	•	•
NB	Northbound		

<u> </u>			
		SS	Sunset
	R	SSR	Secondary surveillance radar
R	Red	STAR	Standard instrument arrival
*RAD	Route Availability Document	*STM	ST Microelectronics
RCC	Rescue co-ordination centre	STOL	Short take-off and landing
		SUN	Sunday
RCF	Radio communication failure	SUPPS	Regional supplementary
DD	(message type designator)	00110	procedures
RDH	Reference datum height	SVC	Service message
RDL	Radial	SWY	
REF	Reference to or refer to	SVVY	Stopway
REG	Registration		
REP	Reporting point		т
REQ	Request or requested		
RLCE	Request level change en-route	T	Temperature
*RMZ	Radio Mandatory Zone	TACAN	UHF tactical air navigation aid
RNG	Radio range	TAF	Aerodrome forecast
RPL	Repetitive flight plan	TAS	True airspeed
RQS	Request supplementary flight plan	TCH	Threshold crossing height
NGO	(message type designator)	TDZ	Touchdown zone
RSC	Rescue sub-centre	TFC	Traffic
		TGL	Temporary guidance leaflet
RSP	Responder beacon	THR	Threshold
RSR	En-route surveillance radar	THU	Thursday
RTF	Radiotelephone	TKOF	Take-off
RV	Rescue vessel		
RVA	Radar vectoring area	TLOF	Touchdown and lift-off area
RVR	Runway visual range	TMA	Terminal control area
RVSM	Reduced vertical separation	*TMZ	Transponder mandatory zone
	minimum	*TOC	Transfer of control point
RWY	Runway	TODA	Take-off distance available
	•	TORA	Take-off run available
		TD	Tue als
		TR	Track
	S	TRG	Track Training
S			
S *SA	South <i>or</i> southern latitude	TRG	Training
*SA	South <i>or</i> southern latitude Special areas	TRG *TTA	Training Test Training area
*SA SAR	South <i>or</i> southern latitude Special areas Search and rescue	TRG *TTA TUE	Training Test Training area Tuesday Aerodrome control tower
*SA SAR SAT	South <i>or</i> southern latitude Special areas Search and rescue Saturday	TRG *TTA TUE TWR	Training Test Training area Tuesday
*SA SAR SAT SB	South <i>or</i> southern latitude Special areas Search and rescue Saturday Southbound	TRG *TTA TUE TWR TWY	Training Test Training area Tuesday Aerodrome control tower Taxiway
*SA SAR SAT SB SC	South <i>or</i> southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus	TRG *TTA TUE TWR TWY	Training Test Training area Tuesday Aerodrome control tower Taxiway
*SA SAR SAT SB SC SEC	South <i>or</i> southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds	TRG *TTA TUE TWR TWY	Training Test Training area Tuesday Aerodrome control tower Taxiway
*SA SAR SAT SB SC SEC SEP	South <i>or</i> southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September	TRG *TTA TUE TWR TWY TXL	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane
*SA SAR SAT SB SC SEC SEP SFC	South <i>or</i> southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface	TRG *TTA TUE TWR TWY TXL	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre
*SA SAR SAT SB SC SEC SEP	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to	TRG *TTA TUE TWR TWY TXL UAC UAR	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route
*SA SAR SAT SB SC SEC SEP SFC SHF	South <i>or</i> southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz)	TRG *TTA TUE TWR TWY TXL	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction
*SA SAR SAT SB SC SEC SEP SFC	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to	TRG *TTA TUE TWR TWY TXL UAC UAR UDF	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station
*SA SAR SAT SB SC SEC SEP SFC SHF	South <i>or</i> southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz)	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice
*SA SAR SAT SB SC SEC SEC SEP SFC SHF	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route	TRG *TTA TUE TWR TWY TXL UAC UAR UDF	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000
*SA SAR SAT SB SC SEC SEC SEP SFC SHF	South <i>or</i> southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz)
*SA SAR SAT SB SC SEC SEC SEP SFC SHF	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000
*SA SAR SAT SB SC SEC SEP SFC SHF SID SIGMET	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz)
*SA SAR SAT SB SC SEC SEP SFC SHF SID SIGMET	South <i>or</i> southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre
*SA SAR SAT SB SC SEC SEP SFC SHF SID SIGMET	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load Schedule or scheduled	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF UIC UIR	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre Upper information region
*SA SAR SAT SB SC SEC SEP SFC SHF SID SIGMET	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load Schedule or scheduled Aviation selected special weather	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF UIC UIR UNL U/S	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre Upper information region Unlimited Unserviceable
*SA SAR SAT SB SC SEC SEP SFC SHF SID SIGMET	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load Schedule or scheduled Aviation selected special weather report (in aeronautical	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF UIC UIR UNL U/S UTA	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre Upper information region Unlimited Unserviceable Upper control area
*SA SAR SAT SB SC SEC SEP SFC SHF SID SIGMET	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load Schedule or scheduled Aviation selected special weather report (in aeronautical meteorological code)	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF UIC UIR UNL U/S	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre Upper information region Unlimited Unserviceable
*SA SAR SAT SB SC SEC SEP SFC SHF SID SIGMET	South <i>or</i> southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load Schedule <i>or</i> scheduled Aviation selected special weather report (<i>in aeronautical meteorological code</i>) Special meteorological report (<i>in</i>	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF UIC UIR UNL U/S UTA	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre Upper information region Unlimited Unserviceable Upper control area
*SA SAR SAT SB SC SEC SEP SFC SHF SID SIGMET SIWL SKED SPECI	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load Schedule or scheduled Aviation selected special weather report (in aeronautical meteorological code) Special meteorological report (in abbreviated plain language)	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF UIC UIR UNL U/S UTA	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre Upper information region Unlimited Unserviceable Upper control area
*SA SAR SAT SB SC SEC SEP SFC SHF SID SIGMET	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load Schedule or scheduled Aviation selected special weather report (in aeronautical meteorological code) Special meteorological report (in abbreviated plain language) Supplementary flight plan	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF UIC UIR UNL U/S UTA UTC	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre Upper information region Unlimited Unserviceable Upper control area Co-ordinated Universal Time
*SA SAR SAT SB SC SEC SEC SFC SHF SID SIGMET SIWL SKED SPECIAL SPL	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load Schedule or scheduled Aviation selected special weather report (in aeronautical meteorological code) Special meteorological report (in abbreviated plain language) Supplementary flight plan (message type designator)	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF UIC UIR UNL U/S UTA UTC VAC	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre Upper information region Unlimited Unserviceable Upper control area Co-ordinated Universal Time V Visual approach chart
*SA SAR SAT SB SC SEC SEP SFC SHF SID SIGMET SIWL SKED SPECI SPECIAL SPL SR	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load Schedule or scheduled Aviation selected special weather report (in aeronautical meteorological code) Special meteorological report (in abbreviated plain language) Supplementary flight plan (message type designator) Sunrise	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF UIC UIR UNL U/S UTA UTC	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre Upper information region Unlimited Unserviceable Upper control area Co-ordinated Universal Time
*SA SAR SAT SB SC SEC SEC SFC SHF SID SIGMET SIWL SKED SPECI SPECIAL SPL	South or southern latitude Special areas Search and rescue Saturday Southbound Stratocumulus Seconds September Surface Super high frequency (3,000 to 30,000 MHz) Standard instrument departure Information concerning en-route weather and other phenomena in the atmosphere which may affect the safety of aircraft operations Single isolated wheel load Schedule or scheduled Aviation selected special weather report (in aeronautical meteorological code) Special meteorological report (in abbreviated plain language) Supplementary flight plan (message type designator)	TRG *TTA TUE TWR TWY TXL UAC UAR UDF UFN UHF UIC UIR UNL U/S UTA UTC VAC	Training Test Training area Tuesday Aerodrome control tower Taxiway Taxilane U Upper area control centre Upper air route Ultra high frequency direction finding Station Until further notice Ultra high frequency (300 to 3,000 MHz) Upper information centre Upper information region Unlimited Unserviceable Upper control area Co-ordinated Universal Time V Visual approach chart

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VDF	Very high frequency direction				
VED	finding station				
VFR	Visual flight rules				
VHF	Very high frequency (30 to 300 MHz)				
VIP	Very important person				
VLF	Very low frequency (3 to 30 KHz)				
VMC	Visual meteorological conditions				
VOLMET	Meteorological information for				
	aircraft in flight				
VOR	VHF omnidirectional radio range				
VORTAC	VOR and TACAN combination				
	W				
W	West or western longitude				
W	White				
WAC	World aeronautical chart - (ICAO				
	1:1,000,000)				
WBAR	Wingbar lights				
WDI	Wind direction indicator				
WED	Wednesday				
WEF	With effect from or effective from				
WID	Width				
WIE	With immediate effect or effective				
	immediately				
*WIP	Work in progress				
	X				
XBAR	Crossbar (approach lighting)				
	Υ				
Υ	Yellow				
YCZ	Yellow caution zone				
YR	Your				
	Z				
Z	Co-ordinated Universal Time				
	(in meteorological messages)				

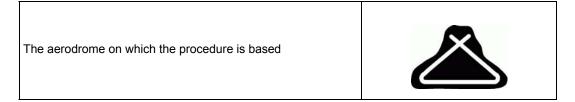
GEN 2.3 CHART SYMBOLS

1. Aerodromes

1.1 Charts other than approach charts

Heliport	H

1.2 Approach charts



1.3 Aerodrome charts

Hard surface runway	
Stopway	

2. Aerodrome installations and lights

Aerodrome reference point	
Taxiways and parking areas	
Control tower	Control Tower
Point light	○ ●
Barrette	
Obstacle light	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Aeronautical ground light	*
Wind direction indicator (lighted)	
Wind direction indicator (unlighted)	
Landing direction indicator (unlighted)	

3. Miscellaneous

Highest elevation on chart	● 3365
Obstacles	Lighted 171 (75) (90)
Group obstacles Note: Numerals in italics indicate elevation of top of obstacle above sea level. Upright numerals in parentheses indicate height above specified datum.	Lighted 125 163
Restricted airspace (prohibited, restricted or danger areas)	
Common boundary between two FIRs	
Transmission line or overhead cable	<u>—т——т——</u>
Isogonal	17 E

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GEN 2.4 LOCATION INDICATORS

DECODE	
Identifier	Name
LMMG	GOZO HELIPORT
LMML	LUQA
LMMM	MALTA ACC/FIR/UIR

ENCODE			
Name	Identifier		
GOZO HELIPORT	LMMG		
LUQA	LMML		
MALTA ACC/FIR/UIR	LMMM		

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GEN 2.5 LIST OF RADIO NAVIGATION AIDS

ID	Station Name	Facility	Purpose	
GZO	Gozo	VOR/DME	AE	
LM	Luqa	ILS RWY 31	Α	
LQ	Luqa	ILS RWY 13	Α	
LQ	Luqa	ILS DME RWY 13	Α	
LM	Malta	ILS DME RWY 31	A	
MLT	Malta	NDB	A	
(A) - Aerodrome aid				
(AE) - Aerodrome and en-route aid				

	Maintenance Schedule for Radio Navigation Aids				
	GZO VOR/DME	Every second Tuesday of the month between 09:00 and 16:00 (LT)			
MLT NDB Every Saturday between 0900 and 1200 (LT)					
I	MALTA DME (LM)	Every Tuesday from 00:00 to 06:00 (LT)			
I	LUQA DME (LQ)	Every Wednesday from 00:00 to 06:00 (LT)			
I	ILS not in use Every Wednesday from 07:30 to 10:00 (LT)				
I	ILS in use	Every Thursday from 00:00 to 06:00 (LT)			
I	DDMs	Every Friday from 00:00 to 06:00 (LT)			

GEN 2.6 CONVERSION TABLES

NM to KM 1 NM = 1.852 KM		KM to	KM to NM 1 KM = 0.54 NM 1 F		M	M to	M to FT	
		1 KM = 0.5			1 FT = 0.3048 M		1 M = 3.281FT	
NM	KM	KM	NM	FT	M	М	FT	
0.1	0.185	0.1	0.05	1	0.305	1	3.28	
0.2	0.370	0.2	0.11	2	0.610	2	6.56	
0.3	0.556	0.3	0.16	3	0.914	3	9.84	
0.4	0.741	0.4	0.22	4	1.219	4	13.12	
0.5	0.926	0.5	0.27	5	1.524	5	16.40	
0.6	1.111	0.6	0.32	6	1.829	6	19.69	
0.7	1.296	0.7	0.38	7	2.134	7	22.97	
8.0	1.482	0.8	0.43	8	2.438	8	26.25	
0.9	1.667	0.9	0.49	9	2.743	9	29.53	
1	1.852	1	0.54	10	3.048	10	32.81	
2	3.704	2	1.08	20	6.096	20	65.62	
3	5.556	3	1.62	30	9.144	30	98.43	
4	7.408	4	2.16	40	12.192	40	131.23	
5	9.260	5	2.70	50	15.240	50	164.04	
6	11.112	6	3.24	60	18.288	60	196.85	
7	12.964	7	3.78	70	21.336	70	229.66	
8	14.816	8	4.32	80	24.384	80	262.47	
9	16.668	9	4.86	90	27.432	90	295.28	
10	18.520	10	5.40	100	30.480	100	328.08	
20	37.040	20	10.80	200	60.960	200	656.17	
30	55.560	30	16.20	300	91.440	300	984.25	
40	74.080	40	21.60	400	121.920	400	1312.34	
50	92.600	50	27.00	500	152.400	500	1640.42	
60	111.120	60	32.40	600	182.880	600	1968.50	
70	129.640	70	37.80	700	213.360	700	2296.59	
80	148.160	80	43.20	800	243.840	800	2624.67	
90	166.680	90	48.60	900	274.320	900	2952.76	
100	185.200	100	54.00	1000	304.800	1000	3280.84	
200	370.400	200	107.99	2000	609.600	2000	6561.68	
300	555.600	300	161.99	3000	914.400	3000	9842.52	
400	740.800	400	215.98	4000	1219.200	4000	13123.36	
500	926.000	500	269.98	5000	1524.000	5000	16404.20	
I	<u> </u>			6000	1828.800			
				7000	2133.600			
				8000	2438.400			
				9000	2743.200			
				10000	3048.000			

		From decima	al minutes of a	n arc to second	s of an arc		
MIN	SEC	MIN	SEC	MIN	SEC	MIN	SEC
0.01	0.6	0.26	15.6	0.51	30.6	0.76	45.6
0.02	1.2	0.27	16.2	0.52	31.2	0.77	46.2
0.03	1.8	0.28	16.8	0.53	31.8	0.78	46.8
0.04	2.4	0.29	17.4	0.54	32.4	0.79	47.4
0.05	3.0	0.30	18.0	0.55	33.0	0.80	48.0
0.06	3.6	0.31	18.6	0.56	33.6	0.81	48.6
0.07	4.2	0.32	19.2	0.57	34.2	0.82	49.2
0.08	4.8	0.33	19.8	0.58	34.8	0.83	49.8
0.09	5.4	0.34	20.4	0.59	35.4	0.84	50.4
0.10	6.0	0.35	21.0	0.60	36.0	0.85	51.0
0.11	6.6	0.36	21.6	0.61	36.6	0.86	51.6
0.12	7.2	0.37	22.2	0.62	37.2	0.87	52.2
0.13	7.8	0.38	22.8	0.63	37.8	0.88	52.8
0.14	8.4	0.39	23.4	0.64	38.4	0.89	53.4
0.15	9.0	0.40	24.0	0.65	39.0	0.90	54.0
0.16	9.6	0.41	24.6	0.66	39.6	0.91	54.6
0.17	10.2	0.42	25.2	0.67	40.2	0.92	55.2
0.18	10.8	0.43	25.8	0.68	40.8	0.93	55.8
0.19	11.4	0.44	26.4	0.69	41.4	0.94	56.4
0.20	12.0	0.45	27.0	0.70	42.0	0.95	57.0
0.21	12.6	0.46	27.6	0.71	42.6	0.96	57.6
0.22	13.2	0.47	28.2	0.72	43.2	0.97	58.2
0.23	13.8	0.48	28.8	0.73	43.8	0.98	58.8
0.24	14.4	0.49	29.4	0.74	44.4	0.99	59.4
0.25	15.0	0.50	30.0	0.75	45.0		

		From second	ds of an arc to	decimal minute	es of an arc		
SEC	MIN	SEC	MIN	SEC	MIN	SEC	MIN
1	0.02	16	0.27	31	0.52	46	0.77
2	0.03	17	0.28	32	0.53	47	0.78
3	0.05	18	0.30	33	0.55	48	0.80
4	0.07	19	0.32	34	0.57	49	0.82
5	0.08	20	0.33	35	0.58	50	0.83
6	0.10	21	0.35	36	0.60	51	0.85
7	0.12	22	0.37	37	0.62	52	0.87
8	0.13	23	0.38	38	0.63	53	0.88
9	0.15	24	0.40	39	0.65	54	0.90
10	0.17	25	0.42	40	0.67	55	0.92
11	0.18	26	0.43	41	0.68	56	0.93
12	0.20	27	0.45	42	0.70	57	0.95
13	0.22	28	0.47	43	0.72	58	0.97
14	0.23	29	0.48	44	0.73	59	0.98
15	0.25	30	0.50	45	0.75		

GEN 2.7 SUNRISE/SUNSET TABLES

The tables on the following pages have been reproduced from data supplied by the U.S. Naval Observatory. The times are in UTC for Civil Twilight Morning (TWIL FROM), Sunrise (SR), Sunset (SS) and Civil Twilight Evening (TWIL TO) at Luqa (LMML) for the years 2025 to 2026.

2025		L	_UQA/Into		ıl				35°51"2 014°28"			
		Ja	an			Fe	eb			M	ar	
DAY	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO
1	0544	0612	1559	1628	0535	0602	1629	1656	0506	0532	1657	1723
2	0544	0612	1600	1628	0535	0602	1630	1657	0505	0531	1658	1724
3	0544	0613	1601	1629	0534	0601	1631	1658	0504	0529	1659	1725
4	0544	0613	1602	1630	0533	0600	1633	1659	0502	0528	1700	1726
5	0545	0613	1603	1631	0532	0559	1634	1700	0501	0527	1701	1726
6	0545	0613	1603	1632	0532	0558	1635	1701	0500	0525	1702	1727
7	0545	0613	1604	1632	0531	0557	1636	1702	0458	0524	1703	1728
8	0545	0613	1605	1633	0530	0556	1637	1703	0457	0523	1704	1729
9	0545	0613	1606	1634	0529	0555	1638	1704	0456	0521	1704	1730
10	0545	0613	1607	1635	0528	0554	1639	1705	0454	0520	1705	1731
11	0544	0612	1608	1636	0527	0553	1640	1706	0453	0518	1706	1732
12	0544	0612	1609	1637	0526	0552	1641	1707	0452	0517	1707	1733
13	0544	0612	1610	1638	0525	0551	1642	1708	0450	0516	1708	1733
14	0544	0612	1611	1639	0524	0550	1643	1709	0449	0514	1709	1734
15	0544	0612	1612	1640	0523	0549	1644	1710	0447	0513	1710	1735
16	0543	0611	1613	1641	0522	0548	1645	1711	0446	0511	1710	1736
17	0543	0611	1614	1642	0521	0547	1646	1712	0444	0510	1711	1737
18	0543	0611	1615	1642	0520	0546	1647	1713	0443	0508	1712	1738
19	0543	0610	1616	1643	0518	0544	1648	1714	0442	0507	1713	1739
20	0542	0610	1617	1644	0517	0543	1649	1715	0440	0506	1714	1739
21	0542	0609	1618	1645	0516	0542	1650	1716	0439	0504	1715	1740
22	0541	0609	1619	1646	0515	0541	1651	1716	0437	0503	1716	1741
23	0541	0608	1620	1647	0514	0540	1652	1717	0436	0501	1716	1742
24	0540	0608	1621	1648	0513	0538	1653	1718	0434	0500	1717	1743
25	0540	0607	1622	1649	0511	0537	1653	1719	0433	0458	1718	1744
26	0539	0607	1623	1650	0510	0536	1654	1720	0431	0457	1719	1745
27	0539	0608	1624	1651	0509	0535	1655	1721	0430	0456	1720	1745
28	0538	0605	1625	1652	0508	0533	1656	1722	0428	0454	1721	1746
29	0538	0605	1626	1653					0427	0453	1721	1747
30	0537	0604	1627	1654					0426	0451	1722	1748
31	0536	0603	1628	1655					0424	0450	1723	1749

2025		l		ernationa ML	ıl				35°51"2 014°28"	'38.78'E		
		Α	pr			М	ay			Jı	ın	
DAY	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO
1	0423	0448	1724	1750	0342	0410	1749	1817	0317	0347	1813	1843
2	0421	0447	1725	1751	0341	0409	1750	1817	0317	0347	1814	1843
3	0420	0446	1726	1751	0340	0408	1751	1818	0317	0347	1814	1843
4	0418	0444	1726	1752	0339	0407	1752	1819	0316	0346	1815	1844
5	0417	0443	1727	1753	0338	0406	1752	1820	0316	0346	1815	1845
6	0415	0441	1728	1754	0337	0405	1753	1821	0316	0346	1816	1845
7	0414	0440	1729	1755	0336	0404	1754	1822	0316	0346	1817	1846
8	0413	0439	1730	1756	0335	0403	1755	1823	0316	0346	1817	1847
9	0411	0437	1731	1757	0334	0402	1756	1824	0315	0345	1818	1847
10	0410	0436	1731	1758	0333	0401	1757	1825	0315	0345	1818	1848
11	0408	0434	1732	1758	0332	0400	1757	1826	0315	0345	1818	1848
12	0407	0433	1733	1759	0331	0359	1758	1827	0315	0346	1819	1849
13	0405	0432	1734	1800	0330	0358	1759	1827	0315	0345	1819	1849
14	0404	0430	1735	1801	0329	0357	1800	1828	0315	0345	1820	1849
15	0403	0429	1736	1802	0328	0357	1801	1829	0315	0345	1820	1850
16	0401	0428	1736	1803	0327	0356	1801	1830	0315	0345	1820	1850
17	0400	0426	1737	1804	0326	0355	1802	1831	0315	0345	1821	1851
18	0359	0425	1738	1805	0326	0354	1803	1832	0315	0346	1821	1851
19	0357	0424	1739	1806	0325	0354	1804	1833	0316	0346	1821	1851
20	0356	0423	1740	1806	0324	0353	1805	1834	0316	0346	1821	1851
21	0355	0421	1741	1807	0323	0352	1805	1834	0316	0346	1822	1852
22	0353	0420	1741	1808	0323	0352	1806	1835	0316	0346	1822	1852
23	0352	0419	1742	1809	0322	0351	1807	1836	0316	0347	1822	1852
24	0351	0418	1743	1810	0321	0351	1808	1837	0317	0347	1822	1852
25	0350	0417	1744	1811	0321	0350	1808	1838	0317	0347	1822	1852
26	0348	0415	1745	1812	0320	0350	1809	1838	0317	0348	1822	1853
27	0347	0414	1746	1813	0320	0349	1810	1839	0318	0348	1822	1853
28	0346	0413	1747	1814	0319	0349	1810	1840	0318	0348	1822	1853
29	0345	0412	1747	1815	0319	0348	1811	1841	0319	0349	1822	1853
30	0344	0411	1748	1816	0318	0348	1812	1841	0319	0349	1822	1853
31					0318	0347	1812	1842				

2025		l	-UQA/Into		ıl				35°51"2 014°28"			
		J	ul			A	ug			S	ер	
DAY	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO
1	0319	0350	1822	1852	0342	0409	1807	1835	0408	0434	1729	1756
2	0320	0350	1822	1852	0343	0411	1806	1834	0409	0435	1728	1754
3	0320	0350	1822	1852	0343	0411	1805	1833	0410	0436	1727	1753
4	0321	0351	1822	1852	0344	0412	1804	1832	0410	0436	1725	1751
5	0321	0351	1822	1852	0345	0413	1803	1831	0411	0437	1724	1750
6	0322	0352	1822	1852	0346	0414	1802	1829	0412	0438	1722	1748
7	0323	0353	1821	1851	0347	0415	1801	1828	0413	0439	1721	1747
8	0323	0353	1821	1851	0348	0415	1800	1827	0414	0439	1719	1745
9	0324	0354	1821	1851	0349	0416	1758	1826	0414	0440	1718	1744
10	0325	0354	1821	1850	0349	0417	1757	1825	0415	0441	1716	1742
11	0325	0355	1820	1850	0350	0418	1756	1824	0416	0442	1715	1741
12	0326	0355	1820	1849	0351	0418	1755	1822	0417	0442	1714	1739
13	0327	0356	1819	1849	0352	0419	1754	1821	0417	0443	1712	1738
14	0327	0357	1819	1848	0353	0420	1753	1820	0418	0444	1711	1736
15	0328	0357	1818	1848	0354	0421	1752	1819	0419	0445	1709	1735
16	0329	0358	1818	1847	0355	0422	1750	1817	0420	0445	1708	1733
17	0329	0359	1817	1847	0355	0422	1749	1816	0421	0446	1706	1732
18	0330	0359	1817	1846	0356	0423	1748	1815	0421	0447	1705	1730
19	0331	0400	1816	1845	0357	0424	1747	1814	0422	0448	1703	1729
20	0332	0401	1816	1845	0358	0425	1746	1812	0423	0449	1702	1727
21	0333	0402	1815	1844	0359	0426	1744	1811	0424	0449	1700	1726
22	0333	0402	1814	1843	0400	0426	1743	1810	0425	0450	1659	1724
23	0334	0403	1814	1843	0400	0427	1742	1808	0425	0451	1657	1723
24	0335	0404	1813	1842	0401	0428	1740	1807	0426	0452	1656	1721
25	0336	0404	1812	1841	0402	0429	1739	1805	0427	0452	1654	1720
26	0337	0405	1812	1840	0403	0429	1738	1804	0428	0453	1653	1718
27	0337	0406	1811	1839	0404	0430	1736	1803	0428	0454	1651	1717
28	0338	0407	1810	1838	0405	0431	1735	1801	0429	0455	1650	1715
29	0339	0408	1809	1838	0405	0432	1734	1800	0430	0456	1649	1714
30	0340	0408	1808	1837	0406	0433	1732	1758	0431	0456	1647	1713
31	0341	0409	1807	1836	0407	0433	1731	1757				

2025				ernationa ML	ıl				35°51"2 014°28"			
		0	ct			Ne	ον			D	ec	
DAY	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO
1	0432	0457	1646	1711	0458	0524	1606	1633	0526	0554	1548	1616
2	0432	0458	1644	1710	0459	0525	1605	1632	0527	0555	1548	1616
3	0433	0459	1643	1708	0500	0526	1604	1631	0527	0556	1548	1616
4	0434	0500	1641	1707	0501	0527	1603	1630	0528	0556	1548	1616
5	0435	0500	1640	1705	0502	0528	1603	1629	0529	0557	1548	1616
6	0436	0501	1639	1704	0503	0529	1602	1628	0530	0558	1548	1616
7	0436	0502	1637	1703	0504	0530	1601	1628	0531	0559	1548	1616
8	0437	0503	1636	1701	0504	0531	1600	1627	0531	0600	1546	1616
9	0438	0504	1634	1700	0505	0532	1559	1626	0532	0601	1548	1617
10	0439	0505	1633	1659	0506	0533	1558	1625	0533	0601	1548	1617
11	0440	0505	1632	1657	0507	0534	1558	1625	0534	0602	1549	1617
12	0441	0506	1630	1656	0508	0535	1557	1624	0534	0603	1549	1617
13	0441	0507	1629	1655	0509	0536	1556	1623	0535	0604	1549	1617
14	0442	0508	1628	1653	0510	0537	1555	1623	0536	0604	1549	1618
15	0443	0509	1626	1652	0511	0538	1555	1622	0536	0605	1550	1618
16	0444	0510	1625	1651	0512	0539	1554	1621	0537	0606	1550	1618
17	0445	0511	1624	1650	0513	0540	1553	1621	0538	0606	1550	1619
18	0446	0511	1622	1648	0514	0541	1553	1620	0538	0607	1551	1619
19	0446	0512	1621	1647	0515	0542	1552	1620	0539	0607	1551	1620
20	0447	0513	1620	1646	0516	0543	1552	1619	0539	0608	1552	1620
21	0448	0514	1619	1645	0517	0544	1551	1619	0540	0608	1552	1621
22	0449	0515	1617	1644	0518	0545	1551	1619	0540	0609	1553	1621
23	0450	0516	1616	1642	0519	0546	1551	1618	0541	0609	1553	1622
24	0451	0517	1615	1641	0520	0547	1550	1618	0541	0610	1554	1622
25	0452	0518	1614	1640	0520	0548	1550	1618	0542	0610	1554	1623
26	0453	0519	1613	1639	0521	0549	1549	1617	0542	0611	1555	1623
27	0453	0520	1612	1638	0522	0550	1549	1617	0543	0611	1556	1624
28	0454	0521	1611	1637	0523	0551	1549	1617	0543	0611	1556	1625
29	0455	0522	1610	1636	0524	0552	1549	1617	0543	0612	1557	1625
30	0456	0523	1608	1635	0525	0553	1548	1616	0543	0612	1558	1626
31	0457	0524	1607	1634					0544	0612	1558	1627

2026		L	.UQA/Into		ıl				35°51"2 014°28"			
		Ja	ın			F	eb			M	ar	
DAY	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO
1	0544	0612	1559	1627	0536	0603	1629	1656	0507	0532	1657	1723
2	0544	0612	1600	1628	0535	0602	1630	1657	0505	0531	1658	1724
3	0544	0613	1601	1629	0534	0601	1631	1658	0504	0530	1659	1725
4	0544	0613	1602	1630	0533	0600	1632	1659	0503	0528	1700	1725
5	0544	0613	1602	1631	0533	0559	1633	1700	0501	0527	1701	1726
6	0545	0613	1603	1631	0532	0558	1634	1701	0500	0526	1701	1727
7	0545	0613	1604	1632	0531	0557	1635	1702	0459	0524	1702	1728
8	0545	0613	1605	1633	0530	0556	1636	1703	0457	0523	1703	1729
9	0545	0613	1606	1634	0529	0555	1637	1704	0456	0522	1704	1730
10	0545	0613	1607	1635	0528	0555	1638	1705	0455	0520	1705	1731
11	0544	0612	1608	1636	0527	0554	1639	1706	0453	0519	1706	1731
12	0544	0612	1609	1637	0526	0552	1640	1707	0452	0517	1707	1732
13	0544	0612	1610	1638	0525	0551	1642	1708	0450	0516	1708	1733
14	0544	0612	1611	1638	0524	0550	1643	1709	0449	0515	1709	1734
15	0544	0612	1612	1639	0523	0549	1644	1710	0448	0513	1709	1735
16	0544	0611	1613	1640	0522	0548	1645	1711	0446	0512	1710	1736
17	0543	0611	1614	1641	0521	0547	1646	1712	0445	0510	1711	1737
18	0543	0611	1615	1642	0520	0546	1647	1713	0443	0509	1712	1738
19	0543	0610	1616	1643	0519	0545	1647	1713	0442	0507	1713	1738
20	0542	0610	1617	1644	0518	0544	1648	1714	0440	0506	1714	1739
21	0542	0609	1618	1645	0516	0542	1649	1715	0439	0505	1715	1740
22	0541	0609	1619	1646	0515	0541	1650	1716	0438	0503	1715	1741
23	0541	0608	1620	1647	0514	0540	1651	1717	0436	0502	1716	1742
24	0541	0608	1621	1648	0513	0539	1652	1718	0435	0500	1717	1743
25	0540	0607	1622	1649	0512	0537	1653	1719	0433	0459	1718	1744
26	0539	0607	1623	1650	0510	0536	1654	1720	0432	0457	1719	1744
27	0539	0606	1624	1651	0509	0535	1655	1721	0430	0456	1720	1745
28	0538	0605	1625	1652	0508	0534	1656	1722	0429	0454	1720	1746
29	0538	0605	1626	1653					0427	0453	1721	1747
30	0537	0604	1627	1654					0426	0452	1722	1748
31	0536	0603	1628	1655					0424	0450	1723	1749

2026		I	_UQA/Into	ernationa ML	al				35°51"2 014°28"			
		Α	pr			М	ay				ın	
DAY	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO
1	0423	0449	1724	1750	0343	0410	1749	1816	0318	0347	1813	1843
2	0422	0447	1725	1750	0341	0409	1750	1817	0317	0347	1814	1843
3	0420	0446	1725	1751	0340	0408	1751	1818	0317	0347	1814	1844
4	0419	0444	1726	1752	0339	0407	1751	1819	0317	0346	1815	1845
5	0417	0443	1727	1753	0338	0406	1752	1820	0316	0346	1815	1845
6	0416	0442	1728	1754	0337	0405	1753	1821	0316	0346	1816	1846
7	0414	0440	1729	1755	0336	0404	1754	1822	0316	0346	1816	1846
8	0413	0439	1730	1756	0335	0403	1755	1823	0316	0346	1817	1847
9	0411	0438	1730	1756	0334	0402	1756	1824	0315	0345	1817	1847
10	0410	0436	1731	1757	0333	0401	1756	1825	0315	0345	1818	1848
11	0409	0435	1732	1758	0332	0400	1757	1825	0315	0345	1818	1848
12	0407	0433	1733	1759	0331	0359	1758	1826	0315	0345	1819	1849
13	0406	0432	1734	1800	0330	0358	1759	1827	0315	0345	1819	1849
14	0404	0431	1735	1801	0329	0358	1800	1828	0315	0345	1820	1850
15	0403	0429	1735	1802	0328	0357	1800	1829	0315	0345	1820	1850
16	0402	0428	1736	1803	0327	0356	1801	1830	0315	0345	1820	1851
17	0400	0427	1737	1804	0327	0355	1802	1831	0315	0345	1821	1851
18	0359	0426	1738	1804	0326	0355	1803	1832	0315	0346	1821	1851
19	0358	0424	1739	1805	0325	0354	1804	1833	0315	0346	1821	1851
20	0356	0423	1740	1806	0324	0353	1804	1833	0316	0346	1821	1852
21	0355	0422	1740	1807	0324	0353	1805	1834	0316	0346	1822	1852
22	0354	0420	1741	1808	0323	0352	1806	1835	0316	0346	1822	1852
23	0352	0419	1742	1809	0322	0351	1807	1836	0316	0347	1822	1852
24	0351	0418	1743	1810	0322	0351	1807	1837	0317	0347	1822	1852
25	0350	0417	1744	1811	0321	0350	1808	1837	0317	0347	1822	1852
26	0349	0416	1745	1812	0320	0350	1809	1838	0317	0347	1822	1853
27	0347	0414	1746	1813	0320	0349	1810	1839	0318	0348	1822	1853
28	0346	0413	1746	1814	0319	0349	1810	1840	0318	0348	1822	1853
29	0345	0412	1747	1814	0319	0348	1811	1840	0318	0349	1822	1853
30	0344	0411	1748	1815	0318	0348	1812	1841	0319	0349	1822	1853
31					0318	0348	1812	1842				

2026		L	_UQA/Inte		al				35°51"2 014°28"			
		J	ul			A	ug			S	ер	
DAY	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO
1	0319	0349	1822	1852	0341	0410	1807	1835	0408	0434	1730	1756
2	0320	0350	1822	1852	0342	0410	1806	1834	0409	0435	1728	1754
3	0320	0350	1822	1852	0343	0411	1805	1833	0409	0435	1727	1753
4	0321	0351	1822	1852	0344	0412	1804	1832	0410	0436	1725	1751
5	0321	0351	1822	1852	0345	0413	1803	1831	0411	0437	1724	1750
6	0322	0352	1822	1852	0346	0414	1802	1830	0412	0438	1723	1749
7	0322	0352	1821	1851	0347	0414	1801	1829	0413	0438	1721	1747
8	0323	0353	1821	1851	0347	0415	1800	1827	0413	0439	1720	1746
9	0324	0354	1821	1851	0348	0416	1759	1826	0414	0440	1718	1744
10	0324	0354	1821	1850	0349	0417	1758	1825	0415	0441	1717	1743
11	0325	0355	1820	1850	0350	0418	1757	1824	0416	0442	1715	1741
12	0326	0355	1820	1849	0351	0418	1755	1823	0417	0442	1714	1740
13	0326	0356	1819	1849	0352	0419	1754	1822	0417	0443	1712	1738
14	0327	0357	1819	1849	0353	0420	1753	1820	0418	0444	1711	1737
15	0328	0357	1819	1848	0354	0421	1752	1819	0419	0445	1709	1735
16	0329	0358	1818	1847	0354	0421	1751	1818	0420	0445	1708	1734
17	0329	0359	1818	1847	0355	0422	1750	1816	0420	0446	1707	1732
18	0330	0359	1817	1846	0356	0423	1748	1815	0421	0447	1705	1731
19	0331	0400	1816	1846	0357	0424	1747	1814	0422	0448	1704	1729
20	0332	0401	1816	1845	0358	0425	1746	1813	0423	0448	1702	1728
21	0332	0401	1815	1844	0359	0425	1745	1811	0424	0449	1701	1726
22	0333	0402	1815	1844	0459	0426	1743	1810	0424	0450	1659	1725
23	0334	0403	1814	1843	0400	0427	1742	1809	0425	0451	1658	1723
24	0335	0404	1813	1842	0401	0428	1741	1807	0426	0451	1656	1722
25	0336	0404	1813	1841	0402	0429	1739	1806	0427	0452	1655	1720
26	0336	0405	1812	1840	0403	0429	1738	1804	0427	0453	1653	1719
27	0337	0406	1811	1840	0404	0430	1737	1803	0428	0454	1652	1717
28	0338	0407	1810	1839	0404	0431	1735	1802	0429	0455	1650	1716
29	0339	0407	1809	1838	0405	0432	1734	1800	0430	0455	1649	1714
30	0340	0408	1808	1837	0406	0432	1733	1759	0431	0456	1647	1713
31	0341	0409	1808	1836	0407	0433	1731	1757				

2026		l	_UQA/Into		ıl				35°51"2 014°28"			
		0	ct			N	ov			D	ec	
DAY	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO	TWIL FROM	SR	SS	TWIL TO
1	0431	0457	1646	1711	0458	0524	1607	1633	0526	0554	1548	1616
2	0432	0458	1645	1710	0459	0525	1606	1632	0526	0554	1548	1616
3	0433	0459	1643	1709	0500	0526	1605	1631	0527	0555	1548	1616
4	0434	0459	1642	1707	0501	0527	1604	1630	0528	0556	1548	1616
5	0435	0500	1640	1706	0501	0528	1603	1629	0529	0557	1548	1616
6	0435	0501	1639	1704	0502	0529	1602	1629	0530	0558	1548	1616
7	0436	0502	1637	1703	0503	0530	1601	1628	0531	0559	1548	1616
8	0437	0503	1636	1702	0504	0531	1600	1627	0531	0600	1548	1616
9	0438	0503	1635	1700	0505	0532	1559	1626	0532	0600	1548	1617
10	0439	0504	1633	1659	0506	0533	1559	1625	0533	0601	1548	1617
11	0440	0505	1632	1658	0507	0534	1558	1625	0534	0602	1549	1617
12	0440	0506	1631	1656	0508	0535	1557	1624	0534	0603	1549	1617
13	0441	0507	1629	1655	0509	0536	1556	1623	0535	0603	1549	1617
14	0442	0508	1628	1654	0510	0537	1556	1623	0536	0604	1549	1618
15	0443	0509	1627	1652	0511	0538	1555	1622	0536	0605	1550	1618
16	0444	0509	1625	1651	0512	0539	1554	1622	0537	0605	1550	1618
17	0445	0510	1624	1650	0513	0540	1554	1621	0538	0606	1550	1619
18	0445	0511	1623	1649	0514	0541	1553	1620	0538	0607	1551	1619
19	0446	0512	1621	1647	0515	0542	1553	1620	0539	0607	1551	1620
20	0447	0513	1620	1646	0516	0543	1552	1619	0539	0608	1551	1620
21	0448	0514	1619	1645	0516	0544	1552	1619	0540	0608	1552	1620
22	0449	0515	1618	1644	0517	0545	1551	1619	0540	0609	1552	1621
23	0450	0516	1617	1643	0518	0546	1551	1618	0541	0609	1553	1621
24	0451	0517	1615	1641	0519	0547	1550	1618	0541	0610	1554	1622
25	0451	0518	1614	1640	0520	0548	1550	1618	0542	0610	1554	1623
26	0452	0519	1613	1639	0521	0549	1550	1617	0542	0611	1555	1623
27	0453	0519	1612	1638	0522	0550	1549	1617	0542	0611	1555	1624
28	0454	0520	1611	1637	0523	0551	1549	1617	0543	0611	1556	1624
29	0455	0521	1610	1636	0524	0552	1549	1617	0543	0611	1557	1625
30	0456	0522	1609	1635	0525	0553	1549	1616	0543	0612	1557	1626
31	0457	0523	1608	1634					0544	0612	1558	1627

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GEN 3 SERVICES

GEN 3.1 AERONAUTICAL INFORMATION SERVICES

1. Responsible service

- 1.1 The Aeronautical Information Service, which forms part of Malta Air Traffic Services Ltd. ensures the flow of information necessary for the safety, regularity and efficiency of international and national air navigation within the area of its responsibility as indicated under GEN 3.1.2 below. It consists of a Malta NOTAM Office (NOF) established at Luqa Airport inside the Terminal building, as indicated below.
- 1.2 No pre-flight information is available at Gozo Heliport.

1.3 Malta NOTAM office (NOF)

1.3.1 The service is provided in accordance with the provisions contained in ICAO, Annex 15 — Aeronautical Information Services.

Malta NOTAM Office

Malta Air Traffic Services Ltd.

Gate No. 4

Malta International Airport

Trig tal-Isgof

L-Imgabba MQB9057

Malta

Phone: (356) 22 35 55 43
Fax: (356) 22 35 53 32
AFS: LMMMYNYX
Email: aim@maltats.com

- 1.4 Malta has fully migrated to the EAD. This service provides high-quality aeronautical information to the European aviation community and the national air traffic services providers.
- All Maltese NOTAMs are being distributed by EAD and consequently, the originators of the NOTAM appear as EUECYIYN and no longer as LMMMYNYX. In the remote case of a complete failure of the EAD for a long period of time, Malta will temporary distribute NOTAMs through the AFTN using the originator LMMMYNYX and will then transfer the issued NOTAMs to EAD as soon as this service becomes available. Information and implementation details of the EAD can be found on the following websites:

EUROCONTROL EAD website -

URL: http://www.eurocontrol.int/ead

EAD operational website -

URL: http://www.ead.eurocontrol.int

2. Area of responsibility

2.1 The Aeronautical Information Service is responsible for the collection and dissemination of information for the territory of Malta and for the airspace over the high seas encompassed by the Malta FIR/UIR.

3. Aeronautical publications

- The aeronautical information is provided in the form of the Integrated Aeronautical Information Package consisting of the following elements:
 - a. Aeronautical Information Publication (AIP);
 - b. Amendment service to the AIP (AIP AMDT);
 - c. Supplement to the AIP (AIP SUP);
 - d. NOTAM, and Pre-flight Information Bulletins (PIB);

- e. Aeronautical Information Circulars (AIC); and
- f. Checklists and summaries.
- 3.1.1 NOTAM and the related monthly checklists are issued via the Aeronautical Fixed Service (AFS) while PIB are made available at the Malta NOF. All other elements of the package are distributed by airmail.

3.2 Aeronautical Information Publication

3.2.1 The AIP is the basic aviation document intended primarily to satisfy international requirements for the exchange of permanent aeronautical information and long duration temporary changes essential for air navigation. It is available in the English language only as one volume printed in loose-leaf form and on CD-ROM, for use in international and domestic operations irrespective whether the flight is a commercial or a private one.

3.3 Amendment service to the AIP (AIP AMDT)

- 3.3.1 Amendments to the AIP are made by means of replacement sheets and consist of AIRAC AIP Amendment (AIRAC AIP AMDT), issued in accordance with the AIRAC system, incorporating operationally significant permanent changes into the AIP on the indicated AIRAC effective date. Although hand amendments may be issued from time to time, replacement sheets will be issued at the first opportunity. Every effort will be made to restrict hand amendments to a minimum.
- 3.3.2 A brief description of the subjects affected by the amendment is given on the AIP amendment cover sheet.
- 3.3.3 Each AIP page and each AIP replacement page introduced by an amendment, including the amendment cover sheet, is dated. The date consists of the day, month (by name) and year of the AIRAC effective date of the information. Each AIP amendment cover sheet includes references to the serial number of those elements, if any, of the Integrated Aeronautical Information Package which have been incorporated in the AIP by the amendment and are consequently cancelled.
- 3.3.4 Each AIRAC AIP AMDT is allocated a consecutive serial number.
- 3.3.5 A checklist of AIP pages containing page number and the effective date of the information is re-issued with each amendment and is an integral part of the AIP.

3.4 Supplement to the AIP (AIP SUP)

- 3.4.1 Temporary changes of long duration (three months and longer) and information of short duration which consists of extensive text and/or graphics, supplementing the permanent information contained in the AIP, are published as AIP Supplements (AIP SUP). Operationally significant temporary changes to the AIP are published in accordance with the AIRAC system and its established effective dates and are identified clearly by the acronym AIRAC AIP SUP.
- 3.4.2 AIP Supplements are separated by information subject (General GEN, En-route ENR and Aerodromes AD) and are placed accordingly at the beginning of each AIP Part. Supplements are published on yellow paper in order to be conspicuous and to stand out from the rest of the AIP. Each AIP Supplement (regular or AIRAC) is allocated a serial number that is consecutive and based on the calendar year.
- 3.4.3 An AIP Supplement is kept in the AIP as long as all or some of its contents remain valid. The period of validity of the information contained in the AIP Supplement will normally be given in the supplement itself. Alternatively, NOTAM may be used to indicate changes to the period of validity or cancellation of the supplement.
- 3.4.4 The checklist of AIP Supplements currently in force is issued in the monthly printed plain-language summary of NOTAM in force.

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3.5 NOTAM and Pre-flight Information Bulletins (PIB)

3.5.1 NOTAM contain information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential for personnel concerned with flight operations. The text of each NOTAM contains the information in the order shown in the ICAO NOTAM Format and is composed of the significations/uniform abbreviated phraseology assigned to the ICAO NOTAM Code complemented by ICAO abbreviations, indicators, identifiers, designators, call signs, frequencies, figures and plain language. NOTAM are originated and issued for Malta FIR and are distributed in one series only identified by the letter A.

3.5.2 Pre-flight Information Bulletins (PIB) which contain a recapitulation of current NOTAM and other information of urgent character for the operator/flight crews, are available at the NOF. The extent of the information contained in the PIB is indicated in section 5, hereunder.

3.6 Aeronautical Information Circulars (AIC)

Aeronautical Information Circulars (AIC) contain information on the long-term forecast of any major change in legislation, regulations, procedures or facilities; information of a purely explanatory or advisory nature liable to affect flight safety; and information or notification of an explanatory or advisory nature concerning technical, legislative or purely administrative matters. AICs are divided by subject and are issued in one series only, namely series A. Each AIC is numbered consecutively on a calendar year basis. The year, indicated by two digits, is a part of the serial number of the AIC. A checklist of AIC currently in force is issued as an AIC twice a year.

3.7 Checklist and summary of NOTAM

3.7.1 A checklist of valid NOTAM is issued monthly via AFS. The checklist is followed by a printed summary of NOTAM distributed by mail to all recipients of the Integrated Information Package. It contains a plain language (in English) presentation of the valid NOTAM and information about the number of the latest issued AIP AMDT, AIRAC AIP AMDT, AIP SUP, AIC as well as the numbers of the elements issued under the AIRAC that will become effective or, if none, the NIL AIRAC notification.

3.8 Sale of publications

3.8.1 The said publications can be obtained from the NOF. Purchase prices are as follows:

AIP Malta, including CD-ROM	€125.00
Annual subscription for AIP AMDT, AIP SUP, AIC and NOTAM	€50.00

4. The AIRAC System

- 4.1 In order to control and regulate the operationally significant changes requiring amendments to charts, route-manuals etc.,such changes, whenever possible will be issued on predetermined dates according to the AIRAC SYSTEM. This type of information will be published as an AIRAC AIP AMDT or as an AIRAC AIP SUP. If an AIRAC AMDT or SUP cannot be produced due to lack of time, NOTAM clearly marked AIRAC will be issued. An AMDT or SUP will follow such NOTAM.
- 1 4.2 The table below indicates AIRAC effective dates for the period 2025 2028. AIRAC information will be issued so that the information will be received by the user not later than 28 days, and for major changes not later than 56 days, before the effective date. At AIRAC effective date, a trigger NOTAM will be issued giving a brief description of the contents, effective date and reference number of the AIRAC AIP AMDT or AIRAC AIP SUP that will become effective on that date. Trigger NOTAM will remain in force as a reminder in the PIB until the new checklist/summary is issued.
 - 4.3 If no information is submitted for publication at the AIRAC date, a NIL notification will be issued by NOTAM not later than one AIRAC cycle before the AIRAC effective date concerned.

					1	able of A	AIRAC A	MENDM	ENT DAT	ΓES				
	2025	23 JAN	20 FEB	20 MAR	17 APR	15 MAY	12 JUN	10 JUL	07 AUG	04 SEP	02 OCT	30 OCT	27 NOV	25 DEC
Î	2026	22 JAN	19 FEB	19 MAR	16 APR	14 MAY	11 JUN	09 JUL	06 AUG	03 SEP	01 OCT	29 OCT	26 NOV	24 DEC
Ī	2027	21 JAN	18 FEB	18 MAR	15 APR	13 MAY	10 JUN	08 JUL	05 AUG	02 SEP	30 SEP	28 OCT	25 NOV	23 DEC
l	2028	20 JAN	17 FEB	16 MAR	13 APR	11 MAY	08 JUN	06 JUL	03 AUG	31 AUG	28 SEP	26 OCT	23 NOV	21 DEC

Civil Aviation Directorate — Transport Malta

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5. Pre-flight information service at aerodromes/heliports

5.1 Pre-flight information is available on a 24-hour basis at the NOF at Luqa Airport. This office is located inside the Terminal building (Departures side). The information covers adjacent FIRs, all States in the ICAO EUR Region and some ICAO AFI and MID Region States. This information consists of AIPs and NOTAM.

6. Electronic terrain and obstacle data

NIL

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GEN 3.2 AERONAUTICAL CHARTS

1. Responsible service

- 1.1 The Civil Aviation Directorate Transport Malta is responsible for the publication of all charts that are part of the AIP.
- 1.2 The charts are produced in accordance with the provisions contained in ICAO Annex 4 Aeronautical Charts and ICAO Doc 8697- Aeronautical Chart Manual.

2. Maintenance of charts

- 2.1 The aeronautical charts included in the AIP are kept up to date by amendments to the AIP.
- 2.2 If incorrect information detected on published charts is of operational significance, it is corrected by NOTAM.

3. Purchase arrangements

All the charts listed under GEN 3.2.4 of this subsection are part of the AIP and may be obtained from the:

Malta AIP Office

Malta Air Traffic Services Ltd.

Gate No. 4

Malta International Airport

Triq tal-Isqof

L-Imqabba MQB9057

Malta

Phone: (356) 2235 5306 Phone: (356) 2235 5542 Email: aip@maltats.com

4. Aeronautical chart series available

- 4.1 The following types of aeronautical charts are produced:
 - Aerodrome Chart ICAO
 - Aerodrome Ground Movement Chart ICAO
 - Aerodrome Obstacle Chart ICAO Type A
 - Aerodrome Obstacle Chart ICAO Type B
 - Aircraft Parking Chart ICAO
 - En-route Chart ICAO
 - Instrument Approach Chart ICAO
 - Precision Approach Terrain Chart ICAO
 - Standard Departure Chart Instrument (SID) ICAO
 - · Military Air to Air Refuelling Corridors
 - Test Training Areas
 - Danger and Prohibited Areas
 - Terminal Control Area
 - En-route Transition Routes LICD
 - FRA Malta Chart
 - Areas Requiring Special Attention Chart

- ATC Surveillance Minimum Altitude Chart
- RNAV Visual Approach Chart
- Luqa Control Zone (CTR)
- Visual Reporting Points
- Standard VFR Routes
- Circuit Holding Areas
- Visual Circuits

5. List of aeronautical charts available

Title of series	Scale	Name	Date
Aerodrome Chart — ICAO	-	Luqa	12 JUN 2025
Aerodrome Ground Movement Chart — ICAO	-	Luqa	12 JUN 2025
Aerodrome Obstacle Chart — ICAO Type A	1: 15,000	Luqa, RWY 13/31	12 JUN 2025
	1: 15,000	Luqa, RWY 23/05	12 JUN 2025
Aerodrome Obstacle Chart — ICAO Type B	-	Luqa	12 JUN 2025
Aircraft Parking Chart — ICAO	-	Luqa, Apron 2	12 JUN 2025
	-	Luqa, Apron 3	12 JUN 2025
	-	Luqa, Apron LTM	12 JUN 2025
	-	Luqa, Apron 5	12 JUN 2025
	-	Luqa, Apron 6	12 JUN 2025
	-	Luqa, Apron 7	12 JUN 2025
	-	Luqa, Apron 8	12 JUN 2025
	-	Luqa, Apron 9	12 JUN 2025
	-	Luqa, SAP (LSP / USP aprons)	12 JUN 2025
	-	Luqa, Apron EEM	12 JUN 2025
En-route Chart — ICAO	1: 3,000,000	Malta FIR/UIR	08 AUG 2024
	1: 1,550,000	Malta FIR (West Sector)	08 AUG 2024
	1: 1,900,000	Malta FIR (East Sector)	08 AUG 2024
	1: 1,550,000	Malta UIR (West Sector)	08 AUG 2024
	1: 1,900,000	Malta UIR (East Sector)	08 AUG 2024
Instrument Approach Chart — ICAO	1: 600,000	Luqa, ILS DME RWY 13	12 JUN 2025
	1: 600,000	Luqa, ILS DME RWY 31	12 JUN 2025
	1: 600,000	Luqa, RNP RWY 05	12 JUN 2025
	1: 600,000	Luqa, RNP RWY 13	12 JUN 2025
	1: 600,000	Luqa, RNP RWY 23	12 JUN 2025
	1: 600,000	Luqa, RNP RWY 31	12 JUN 2025
Precision Approach Terrain Chart — ICAO	-	Luqa, RWY 13	12 JUN 2025
	-	Luqa, RWY 31	12 JUN 2025
Standard Departure Chart - Instrument (SID) — ICAO	1: 400,000	Luqa, RWY 05	12 JUN 2025
	1: 400,000	Luqa, RWY 13	12 JUN 2025
	1: 400,000	Luqa, RWY 23	12 JUN 2025
	1: 400,000	Luqa, RWY 31	12 JUN 2025

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Title of series	Scale	Name	Date
Military Air to Air Refuelling Corridors	-	Falcon	14 JUL 2022
	-	Osprey	26 MAY 2016
Test Training Areas	-	Area Gannet	17 AUG 2017
	-	Area Albatross	17 AUG 2017
	-	Area Pelican	17 AUG 2017
Danger and Prohibited Areas	1: 300,000	-	29 DEC 2022
Terminal Control Area	-	Luqa	08 AUG 2024
En-route Transition Routes	1: 1,000,000	LICD, RWY 08	14 JUL 2022
	1: 1,000,000	LICD, RWY 26	14 JUL 2022
FRA Chart	1: 3,000,000	Malta	08 AUG 2024
Areas Requiring Special Attention Chart	-	Malta/Luqa	12 JUN 2025
ATC Surveillance Minimum Altitude Chart	1: 600,000	Luqa	12 JUN 2025
RNAV Visual Approach Chart	1: 125,000	Luqa, RWY 31	12 JUN 2025
Luqa Control Zone (CTR)	1: 600,000	-	12 JUN 2025
Visual Reporting Points (VRP)	1: 600,000	-	12 JUN 2025
Standard VFR Routes	1: 600,000	Standard VFR Arrival Routes	12 JUN 2025
	1: 600,000	Standard VFR Departure Routes	12 JUN 2025
Circuit Holding Areas	-	Luqa ATZ for LIGHT aircraft	12 JUN 2025
	-	Grand Harbour (GH)	27 JAN 2022
	-	Temples (TP)	27 JAN 2022
Visual Circuits	-	RWY 05 for LIGHT aircraft	03 APR 2014
	-	RWY 13 for LIGHT aircraft	03 APR 2014
	-	RWY 13 for LIGHT aircraft - low-level circuit	03 APR 2014
	-	Standard Right-Hand RWY 13 for MEDIUM/ HEAVY aircraft	05 JAN 2017
	-	RWY 23 for LIGHT aircraft	03 APR 2014
	-	RWY 31 for LIGHT aircraft	03 APR 2014
	-	RWY 31 for LIGHT aircraft - low-level circuit	03 APR 2014
	-	Standard Left-Hand RWY 31 for MEDIUM/ HEAVY aircraft	05 JAN 2017

6. Index to the World Aeronautical Chart (WAC) — 1:1 000 000

NIL

7. Topographical charts

NIL

8. Corrections to charts not contained in the AIP

 NIL

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GEN 3.3 AIR TRAFFIC SERVICES

1. Responsible service

1.1 Malta Air Traffic Services Ltd. is responsible for the provision of air traffic services within the area indicated in section 2, below.

Chief Executive Officer

Malta Air Traffic Services Ltd.

Gate No. 4

Malta International Airport

Triq tal-Isqof

L-Imqabba MQB9057

Malta

Phone: (356) 22 35 55 37 Fax: (356) 21 22 15 89 Email: ceo@maltats.com

- 1.2 The services are provided in accordance with ICAO Standards and Recommended Practices as well as applicable EU Regulations and ICAO SARPs and Documents.
- 1.3 Differences to these provisions are detailed in GEN 1.7.

2. Area of responsibility

- 2.1 Air traffic services are provided for the territory of Malta including its territorial waters as well as the airspace over the high seas within the Malta FIR/UIR.
- Additionally, in accordance with a co-ordination agreement between Rome ACC and Malta ACC, air traffic services are provided under the delegated authority, in the Rome FIR/UIR. Details of such services are provided in ENR 2.

3. Types of services

- 3.1 The following types of services are provided:
 - a. Flight Information Service (FIS) and Alerting Service (ALRS);
 - b. Area Control (ACC); and
 - c. Radar.
- 3.2 The following types of services are provided at Luqa aerodrome:
 - a. Aerodrome Control (GMC);
 - b. Aerodrome Control (AIR);
 - c. Approach Control (APP); and
 - d. Automatic Terminal Information Service (ATIS).

4. Co-ordination between the operator and ATS

4.1 Co-ordination between the operator and air traffic services is effected in accordance with SERA.7005, and paragraph 2.16 of Annex 11.

5. Minimum flight altitude

5.1 Published MSA / MVA contains temperature correction down to 0 degrees.

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6. ATS unit addresses

6.1 General correspondence and enquiries should be addressed to:

Malta Air Traffic Services Ltd.

Gate No. 4

Malta International Airport

Triq tal-Isqof

L-Imqabba MQB9057

Malta

Phone: (356) 22 35 55 38 (Administration office)

Email: atsmalta@maltats.com

6.2 Enquiries regarding ATC operations should be addressed to the Chief Operations Officer on:

Phone: (356) 22 35 54 58 Email: coo@maltats.com

6.3 Requests by users for reservation of airspace and training / test flights should be addressed to the Airspace

Utilization and Coordination Cell on:

Email: airspace.cell@maltats.com

6.4 Notification by aircraft operators or their ground handling organisations of approved landing slots at LMML

should be addressed to MATS Operations on:

Email: ops.planning@maltats.com

6.5 Enquires on ATC Safety, Quality and Security Management should be addressed to the Safety, Quality and

Security Section on:

Phone: (356) 22 35 54 29 Email: shsqsc@maltats.com AIP GEN-3.4 - 1 MALTA 16 JUN 2022

GEN 3.4 COMMUNICATION SERVICES

1. Responsible service

1.1 Malta Air Traffic Services Ltd. is responsible for the provision of aeronautical telecommunication and air navigation facility services in Malta.

Chief Technical Officer

Malta Air Traffic Services Ltd.

Gate No. 4

Malta International Airport

Triq tal-Isqof

L-Imqabba MQB9057

Malta

Phone: (356) 22 35 53 15

Email: jesmond.farrugia@maltats.com

1.2 The services are provided in accordance with the provisions contained in the following ICAO documents:

Annex 10 — Aeronautical Telecommunications

Doc. 8400 — Procedures for Air Navigation Services - ICAO Abbreviations and Codes (PANS-ABC)

Doc. 8585 — Designators for Aircraft Operating Agencies, Aeronautical Authorities and Services

Doc. 7030 — Regional Supplementary Procedures

Doc. 7910 — Location Indicators

2. Area of responsibility

2.1 Communication services are provided for the entire Malta FIR/UIR. Arrangements for such services on a continuing basis, as well as enquiries, suggestions or complaints, should be referred to the above. The Director General (Civil Aviation) is responsible for the application of the regulations concerning the design, type and installations of aircraft radio stations.

3. Types of service

3.1 Radio navigation services

- 3.1.1 The following types of radio aids to navigation are available:
 - a. MF Non-directional Beacon (NDB);
 - b. En-route Radar (PSR and MSSR);
 - c. Terminal Area Radar (PSR and MSSR);
 - d. Instrument Landing System (ILS);
 - e. VHF Omnidirectional Radio Range (VOR); and
 - f. Distance-Measuring Equipment (DME).
- 3.1.2 Details of the location of the radar stations are given in ENR 1.6 while details of the VOR, NDB and DME are listed in ENR 4.1. It must be noted that the co-ordinates listed refer to the transmitting antennae. Details of the ILS are given in AD 2-19.

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3.2 Mobile/Fixed service

3.2.1 Mobile Service

- 3.2.1.1 Facilities are provided to meet the requirements of Flight Information, Area Control, Approach Control, Aerodrome Control and Search and Rescue. Details of these facilities may be found in the relevant sections.
- 3.2.1.2 The aeronautical stations maintain a continuous watch (24 hours) on their stated frequencies, unless otherwise notified.
- 3.2.1.3 An aircraft should normally communicate with the Air Traffic Services unit serving the area in which it is flying. Aircraft should maintain continuous watch on the appropriate frequency and should not abandon watch, except in an emergency, without informing the Air Traffic Services unit. This unit should also be advised when the aircraft is about to change frequency.
- 3.2.1.4 After landing in Malta, an aircraft should maintain watch on the appropriate frequency until it has finished taxying.
- 3.2.1.5 Radio transmissions should be limited to those necessary for the safe navigation of aircraft. Otherwise, radio traffic congestion caused by unnecessary transmissions may limit the value of ground services.

3.2.2 Fixed Service

- 3.2.2.1 Facilities are provided for the exchange of messages between aeronautical land stations by radio or landline.
- 3.2.2.2 The messages to be transmitted over the Aeronautical Fixed Service (AFS) are accepted only if:
 - a. they satisfy the requirements of ICAO Annex 10, Vol. II, Chapter 3, 3.3;
 - b. they are prepared in the form specified in Annex 10; and
 - c. the text of an individual message does not exceed 1800 characters.

Note: If a message exceeds this amount, separate messages, with text not exceeding 1800 characters, shall be entered by the telecommunications office.

3.2.2.3 General aircraft operating agency messages are accepted for transmission only if such messages are in accordance with the above. Class "B" traffic from Malta is not acceptable for transmission over the Aeronautical Fixed Service.

3.3 Broadcasting service

3.3.1 Sub-area meteorological broadcasts (VOLMET) are available for use by aircraft in flight. Full details are given in GEN 3.5.

3.4 Language used

3.4.1 The English language is used in air/ground communications in Malta.

3.5 Where detailed information can be obtained

- 3.5.1 Details of the various facilities available for the en-route traffic are to be found in ENR 4.
- Details of the facilities available at Luqa aerodrome are to be found in AD 2. In cases where a facility is serving both the en-route traffic and the aerodrome, details are given in both Part 2 (ENR) and Part 3 (AD).

4. Requirements and conditions

4.1 The requirements and general conditions, under which the communication services are available for international use, as well as the requirements for the carriage of radio equipment, are contained in LN176/1990, The Air Navigation Order, 1990.

Figure 1. MALTA INTERNATIONAL COMMUNICATIONS TERMINAL CENTRE

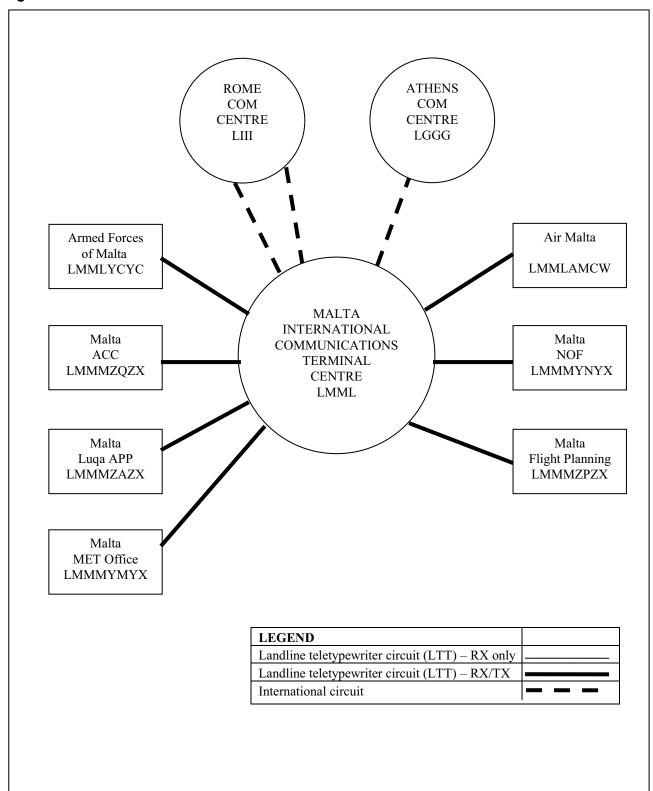
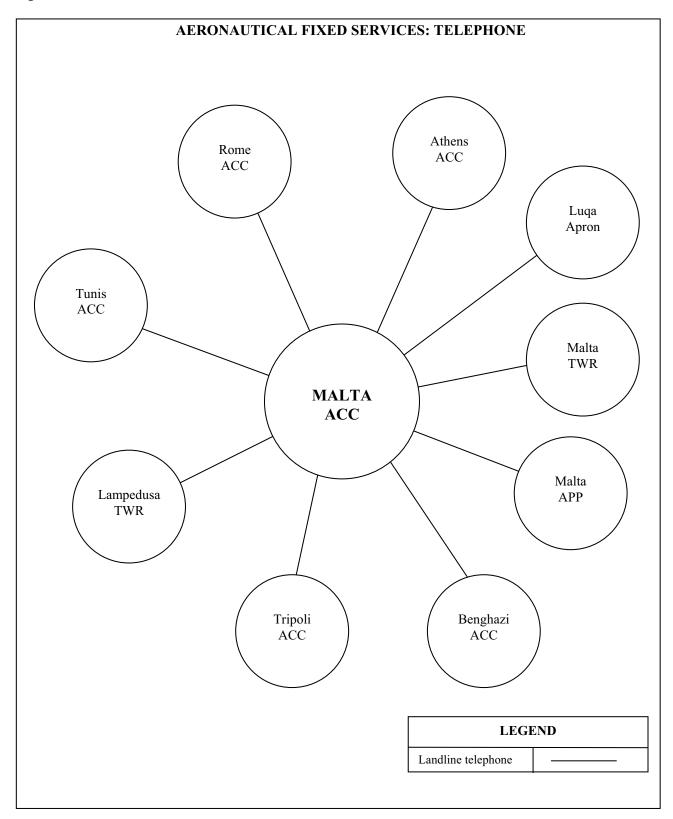


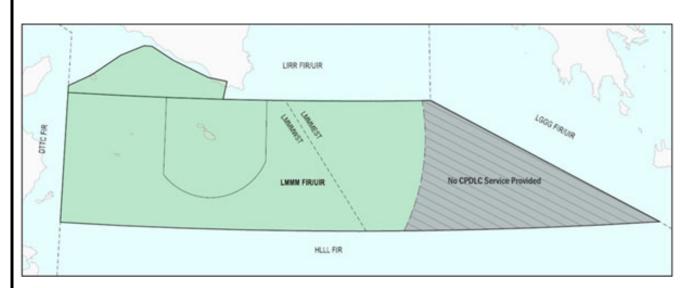
Figure 2. AERONAUTICAL FIXED SERVICES: TELEPHONE



5. Data Link Services — Controller-Pilot Data Link Communications (CPDLC)

5.1 Introduction

- 5.1.1 The controller-pilot data link communication (CPDLC) application provides a means of communication between controller and pilot, using data link for ATC communications.
- 5.1.2 This application includes a set of messages elements (clearance, information, request) which correspond to the phraseologies used in radiotelephony.
- 5.1.3 CPDLC services are available above FL195, within the areas of responsibility of Malta ACC (Ref. AIP ENR 2.1).
- 5.1.4 CPDLC functionality is disabled automatically by the ground system below FL195.
- 5.1.5 Due to the location of the VHF ground station in Malta, CPDLC services are not available in the LMMMUIR east of the green shaded area as indicated in Figure 1 below.



- 5.1.6 The following CPDLC services are provided in this airspace:
 - a. DLIC (Data Link initiation capability)
 - b. ACL (ATC clearance)
 - c. ACM (ATC communications management)
 - d. AMC (ATC microphone check)
- 5.1.7 Data link services are provided on two frequencies with 25kHz channel spacing:
 - a. Common Signaling Channel (CSC) 136.975MHz
 - b. En-Route Frequency Channel (ENR) 136.775MHz
- 5.1.8 The switching between Channels is automatic and controlled by the Central VHF Management Entity.
- 5.1.9 The provision of CPDLC services in Malta is based on the requirements of Commission Regulation (EC) No. 29/2009 and amendments CE 310/2015, CE No 441/2014.
- 5.1.10 Hence, CPDLC are provided only to ATN Protected Mode (PM) CPDLC equipped aircraft. Log on from FANS1/A or non-PM CPDLC capable aircraft will not be accepted.

5.2 General

5.2.1 CPDLC provides voiceless means of communication between a controller and a pilot using data link for ATC communications. In CPDLC, the highest standard of discipline shall be observed at all times (Ref. ICAO Annex10, Vol. II Communication Procedures).

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5.2.2 Use of CPDLC shall be at the discretion of ATC and the flight crews. 5.2.3 Flight crews shall ensure that they only execute ATC instructions from the same ATC unit that they are in VHF contact with. 5.2.4 Whether or not CPDLC have been initiated, voice communications shall be established at the time of first contact with an ATS unit, after frequency change. If uncertainty arises regarding a data link message, voice communication shall be used. 5.3 Flight Plan 5.3.1 In order to use CPDLC services, pilots shall file the following in the relevant items of their flight plans: Item 10A - J1 for the CPDLC ATN VDL Mode 2 capable aircraft Item 18 - the indicator CODE/followed by the aircraft 24-bit address (expressed in the form of alphanumerical code of six hexadecimal characters) 5.3.2 For flights granted a CPDLC exemption, the indicator DAT/CPDLCX shall be included in item 18 of the flight plan and the associated item 10A should include a 'Z'. 5.4 DLIC Log-On 5.4.1 The data link address for Malta ACC to ATN-B1 equipped aircraft is LMMM. 542 Within the area of responsibility of LMMM ACC it is mandatory for flight crews of CPDLC-equipped aircraft to log on to LMMM. 5.4.3 Initial log on should be initiated 15 minutes prior to entering the area of responsibility of Malta ACC unless log on has been established with an upstream CPDLC capable unit, in which case CPDLC will be transferred concurrently with voice communications. 5.4.4 Initial log on by aircraft transferred from Athens ACC and Benghazi ACC should take into account the VHF ground station coverage limitations as indicated in para 5.1 above. 5.4.5 Log on shall be initiated by the pilot, using the ICAO call sign filed in the flight plan. On receipt of a valid data link initiation request from an aircraft approaching or within a data link service area, Malta ACC shall accept the request and, if able to correlate it with a flight plan, shall establish a connection with the aircraft. 5.4.6 For aircraft departing from LMML aerodrome, log on may be initiated when the aircraft is on the ground. 5.4.7 For subsequent transfers through sectors of the Malta ACC, log on is not required. 5 5 Transfer of Aircraft via CPDLC 5.5.1 When an aircraft is transferred from Malta ACC to an ATC unit where CPDLC is available the transfer of voice communication and CPDLC occurs concurrently. 5.5.2 When an aircraft is transferred from Malta ACC to an ATS unit where CPDLC is not available, CPDLC termination shall commence when the flight crew responds with WILCO following the transmission of the CONTACT message element. 5.5.3 When an aircraft needs to be transferred without replying to any downlink message(s) outstanding, the ground system will automatically send the closure response message "ERROR - Insufficient Resources. Request again with next unit" followed by the CONTACT message. 5.6 **CPDLC** services 5.6.1 Pilots shall use the pre-defined CPDLC message set. The controller will use the pre-defined message set, or preformatted free text message elements. 5.6.2 A controlled flight shall be under the control of only one air traffic control unit at any given time. 5.6.3 The following tables list the standard CPDLC messages available for exchange in Malta ACC:

5.6.3.1 Uplink Messages

Message	Msg #	Message Element	Message Intent
Responses /	UM0	UNABLE	Indicates that ATC cannot comply with the request.
Acknowledgments	UM1	STANDBY	Indicates that ATC has received the message and will respond.
	UM19	MAINTAIN [level]	Instruction to maintain the specified level.
Vertical Clearances	UM20	CLIMB TO [level]	Instruction that a climb to the specified level is to commence and once reached the specified level is to be maintained.
	UM23	DESCEND TO [level]	Instruction that a descent to the specified level is to commence and once reached the specified level is to be maintained.
Route Modifications	UM74	PROCEED DIRECT TO [position]	Instruction to proceed directly to the specified position.
Heading Changes (Route Modifications)	UM190	FLY HEADING [degrees]	Instruction to fly on the specified heading.
Contact / Monitor /	UM117	CONTACT [unit name] [frequency]	Instruction to establish voice contact with the specified ATS unit on the specified frequency.
Contact / Monitor / Surveillance Requests	UM123	SQUAWK [code]	Instruction that the specified code (SSR) is to be selected.
	UM179	SQUAWK IDENT	Instruction that the 'ident' function on the SSR transponder is to be actuated.
Air Traffic Advisories	UM157	CHECK STUCK MICROPHONE [frequency]	Instruction to check the microphone due to detection of a continuous transmission on the specified frequency.
	UM159	ERROR [error information]	A system-generated message notifying that the ground system has detected an error.
System Management	UM160	NEXT DATA AUTHORITY [facility]	Notification to the avionics that the specified data authority is the next data authority. If no data authority is specified, this indicates that any previously specified next data authority is no longer valid.
Messages	UM162	SERVICE UNAVAILABLE	Notification that the ground system does not support this message.
	UM227	LOGICAL ACKNOWLEDGEMENT	Confirmation to the airborne system that the ground system has received the message to which the logical acknowledgment refers and found it acceptable for display to the responsible person.
Additional Messages	UM183	[free text]	Used for additional error information.

5.6.3.2 Downlink Messages

Message	Msg #	Message Element	Message Intent	
Responses /	DM0	WILCO	The instruction is understood and will be complied with.	
Acknowledgments	DM1	UNABLE	The instruction cannot be complied with.	
	DM2	STANDBY	Wait for a reply.	
	DM6	REQUEST [level]	Request to fly at the specified level.	
Vertical Clearances	DM9	REQUEST CLIMB TO [level]	Request to climb to the specified level.	
V STATES AT STATES AT THE STATE	DM10	REQUEST DESCENT TO [level]	Request to descend to the specified level.	
Route Modifications Request	DM22	REQUEST DIRECT TO [position]	Request to track from the present position direct to the specified position.	
	DM62	ERROR [error information]	A system-generated message that the avionics has detected an error.	
	DM63	NOT CURRENT DATA AUTHORITY	A system-generated denial to any CPDL message sent from a ground facility that not the current data authority.	
	DM99	CURRENT DATA AUTHORITY	A system-generated message to inform a ground facility that it is now the current data authority.	
System Management Messages	DM100	LOGICAL ACKNOWLEDGEMENT	Confirmation to the ground system that the aircraft system has received the message to which the logical acknowledgement refers and found it acceptable for display to the responsible person.	
	DM107	NOT AUTHORIZED NEXT DATA AUTHORITY	A system-generated message sent to a ground system that tries to connect to an aircraft when a current data authority has not designated the ground system as the NDA.	
	DM65	DUE TO WEATHER	Used to explain reasons for pilot's message.	
Additional Messages	DM66	DUE TO AIRCRAFT PERFORMANCE	Used to explain reasons for pilot's messages.	
	DM98	[free text]	Used for additional error information.	

5.7 Message restrictions and Error Management

5.7.1 If the ground system receives a message that is not supported, or constitutes an error to CPDLC technical rules, the flight crew will receive an automatic reply indicating the nature of the error and, if applicable, the required actions.

5.8 CPDLC message correction via voice communication

5.8.1 When voice communications are used to correct a CPDLC message for which no operational response has yet been received, controller's or pilot's transmission will be prefaced by the expression: "DISREGARD CPDLC (message type) MESSAGE, BREAK", followed by the correct clearance, instruction, information, or request.

5.9 Discontinuation of the use of CPDLC pilot requests

5.9.1 When a controller requires either all stations, or a specific flight, to avoid sending CPDLC requests for a limited period of time, the following phraseology will be used:

([call sign] or ALL STATIONS) STOP SENDING CPDLC REQUESTS [UNTIL ADVISED] [(reason)].

5.9.2 Resumption of the normal usage of CPDLC will be advised using the following phraseology:

([call sign] or ALL STATIONS) RESUME NORMAL CPDLC OPERATIONS.

AIP GEN-3.4 - 9 18 APR 2024 **MALTA** 5.9.3 If a controller temporarily disables CPDLC, the response to any CPDLC pilot request will be the uplink message element CPDLC NOT IN USE, VOICE ONLY UNTIL NOTIFIED. When CPDLC functionality is re-enabled, all aircraft currently having CPDLC established with that controlling 5.9.4 position will be informed by the uplink message element CPDLC NOW IN USE. 5.10 Failure of CPDLC 5.10.1 When a controller or pilot is alerted that CPDLC has failed, and the controller or pilot needs to communicate prior to CPDLC being restored, the controller or pilot shall revert to voice, if possible, and preface the information with the expression CPDLC FAILURE. 5.10.2 Controllers having a requirement to transmit information concerning a complete CPDLC ground system failure to all stations likely to intercept will preface such transmission by the general call ALL STATIONS CPDLC FAILURE, followed by the identification of the calling station. 5.10.3 No reply is expected to such general calls unless individual stations are subsequently called to acknowledge receipt. 5.10.4 In case of failures that results in an interruption of data link connections, ATC may request pilots to re-initiate the data link logon process in order to re-establish the data link connection. 5.11 Free text messages The use of free-text message elements by pilots is not allowed when communicating with Malta ACC via 5.11.1 CPDLC. 5.11.2 The use of free-text messages will result in an error response. 5.11.3 ATC will use standardized preformatted free-text message elements only. 5.12 Log off 5.12.1 Flights leaving Malta ACC area of responsibility towards a non-CPDLC capable airspace will be logged off automatically. No pilot action is required. 5.13 **Contacts** 5.13.1 Further information on CPDLC implementation in Malta can be obtained at the following address: Malta Air Traffic Services Ltd. Gate No. 4 Malta International Airport Triq tal-Isqof L-Imgabba MQB9057 Malta Phone: (356) 22 35 54 58 Email: airspace.cell@maltats.com

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GEN 3.5 METEOROLOGICAL SERVICES

1. Responsible service

1.1 The Meteorological Office of Malta International Airport plc provides meteorological services for civil aviation.

Malta Airport Meteorological Office Malta International Airport plc.

Luga LQA 4000

Malta

Phone: (356) 23 69 60 21 / (356) 92 10 60 21 (MET Office Manager)
Phone: (356) 23 69 66 87 / (356) 92 10 66 87 (MET Office Forecaster)

Phone: (356) 99 05 87 67 (MET Office Mobile)

AFS: LMMLYMYX

Email: MET Office Manager <joseph.schembri@maltairport.com>

Email: General Enquiries <met.office@maltairport.com>

1.2 The service is provided in accordance with the provisions contained in the following ICAO documents:

Annex 3 - Meteorological Service for International Air Navigation

Doc. 7030 - Regional Supplementary Procedures

Doc. 7155 - Meteorological Tables(356) 2369 6687 | (356) 9210 6687

Doc. 7754 - Air Navigation Plan (EUR Region)

Doc. 8400 - ICAO Abbreviations and Codes

2. Area of responsibility

2.1 Meteorological service is provided for the Malta FIR/UIR.

3. Meteorological observations and reports

Name of station/ Location indicator	Type & frequency of observation/ automatic observing equipment	Types of MET reports & Supplementary Information included	Observation System & Site(s)	Hours of operation	Climatological information
1	2	3	4	5	6
LUQA/ International LMML 16597	Half hourly, six hourly plus special observations / Automatic Weather Integrated Observing System	METAR SPECI TREND Suppl: NIL	Ultrasonic Anemometer RVR EQPT Ceilometer (see AD chart for the location of these systems) Thermometer (at MET) Temperature, Pressure, Humidity sensors, Lightning Detector, Precipitation, Runway water level sensors, Pressure	H24	Climatological tables AVBL

4. Types of service

- 4.1 A main Malta Meteorological Office, which incorporates a Meteorological Watch Office, is located on the aerodrome at Luga where a continuous forecasting and observing service is maintained.
- 4.2 Self briefing, personal briefing and consultation for flight crew members are provided. Flight documentation is normally provided for international flights. This comprises a significant weather chart, an upper wind and upper air temperature charts and the latest available aerodrome forecast en-route, FT and SE, and for the destination and alternate aerodromes. Aerodrome forecasts are issued in TAF code.

5. Notification required from operators

- 5.1 Notification of flights for which flight forecasts are required is the responsibility of the operator's local representative or the aircraft commander.
- 5.2 Requests for flight forecasts should state the time of departure, the duration of the flight and the height for which it is planned. It should include details of the route, destination and alternate aerodrome.
- Operators of unscheduled services are advised to submit such notification at least 8 hours before the expected time of departure if the flight is of more than 800 km and at least 4 hours before the expected time of departure for shorter flights.
- In the case of a long distance flight, a preliminary briefing on the meteorological outlook may be desirable some time before the departure of the aircraft.

6. Aircraft reports

6.1 Special Aircraft Observations

- 6.1.1 Special observations shall be made and reported by all aircraft whenever the following conditions are encountered or observed:
 - a. moderate or severe turbulence; or
 - b. moderate or severe icing; or
 - c. severe mountain wave; or
 - d. thunderstorms, without hail, that are obscured, embedded, widespread or in squall lines; or
 - e. thunderstorms, with hail, that are obscured, embedded, widespread or in squall lines; or
 - f. heavy dust storm or heavy sandstorm; or
 - g. volcanic ash cloud; or
 - h. pre-eruption volcanic activity or a volcanic eruption.
- When other meteorological conditions not listed under 6.2.1, e.g. wind shear, are encountered and which, in the opinion of the pilot-in-command, may affect the safety or markedly affect the efficiency of other aircraft operations, the pilot-in-command shall advise the appropriate air traffic services unit as soon as practicable.

7. VOLMET service

Name of station	Call sign Identification (EM)	Channel	Broadcast period	Hours of service	Aerodromes included	Contents & format of report
1	2	3	4	5	6	7
LUQA	LUQA VOLMET (A3E)	126.805	Continuous	H24	ROME/ FIUMICINO NAPLES PALERMO CATANIA TUNIS TRIPOLI BENGHAZI LUQA	METAR and TREND

SIGMET service

Name of MWO/ location indicators	Hours	FIR served	Type of SIGMET/ validity	Specific procedures	ATS unit served	Additional information
1	2	3	4	5	6	7
Luqa/ International LMMM	H24	MALTA FIR/UIR	SIGMET/4HR	NIL	MALTA ACC	NIL

8.1 General

8.1.1 For the safety of air traffic, the Meteorological Office maintains an area meteorological watch and warning service. This service consists partly of a continuous weather watch within the Malta FIR and the issuance of appropriate information (SIGMET) and partly of the issuing of warning for Luqa.

8.2 Area meteorological watch service

- 8.2.1 The Meteorological Office at Luqa performs the area meteorological watch service.
- 8.2.2 This office issues information in the form of SIGMET messages about the occurrence or expected occurrence of one or several significant meteorological phenomena, namely, thunderstorms, severe turbulence, severe icing, severe mountain waves, heavy sand storm/dust storm and volcanic ash cloud.
- 8.2.3 SIGMET is issued in abbreviations and plain language (English) using ICAO abbreviations and are numbered consecutively for each day commencing at 0001. Their period of validity is generally 4 hours from the time of transmission. Low Level Significant Weather (SIG WX) charts are issued. AIRMET messages are not issued.
- 8.2.4 Additionally, the Meteorological Watch Office will inform Air Traffic Control of the occurrence or expected occurrence of thunderstorms, moderate icing, light to moderate hail or moderate turbulence within the vicinity of Luqa. This information is intended for the safety of low-level flights.

8.3 Warning service

- 8.3.1 Warning for the protection of parked aircraft or of other equipment at the airport is issued if one or several phenomena are expected to occur at the airport. Such phenomena are squall, thunderstorm, hail, frost, heavy rime deposit and freezing precipitation.
- 8.3.2 Warnings are issued in English and are issued locally in accordance with criteria that have been agreed locally and to an agreed distribution list.

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GEN 3.6 SEARCH AND RESCUE

1. Responsible service

1.1 The search and rescue service in Malta is provided by the Armed Forces of Malta with the collaboration of the Civil Aviation Directorate – Transport Malta and the Malta Air Traffic Services. The Rescue Coordination Centre (RCC) is manned H24 and caters for air and maritime incidents.

1.2 The address of the RCC is as follows:

Rescue Coordination Centre Headquarters Armed Forces of Malta Luqa Barracks Luqa VLT 2000

Malta

Phone: (356) 21 25 72 67
Phone: (356) 22 49 42 02
Fax: (356) 21 80 98 60
AFS: LMMLYCYC
Email: rccmalta@gov.mt

1.3 The service is provided in accordance with the provisions contained in ICAO Annex 12 — Search and Rescue.

2. Area of responsibility

2.1 The search and rescue service is responsible for all SAR operations in the Malta Search and Rescue Region which is co-incidental with the Malta FIR.

3. Types of service

- 3.1 Details of related rescue units are given in <u>GEN-3.6 paragraph 3.3 Search and Rescue Units</u>. In addition, various elements of the Armed Forces of Malta, the Civil Protection Department, the Civil Police, civil aircraft and merchant vessels may also be called to assist, when required. Neighbouring RCCs may also be called to assist in search and rescue operations. The Fire and Ambulance services, as well as the aeronautical and maritime telecommunications services are also available to the search and rescue organisation.
- In Malta, when an aircraft crashes on land outside the airport and no air searches are required, the responsibility for dealing with the incident devolves with the Civil Protection Department. In the case when an aircraft incident occurs within Luqa aerodrome, the responsibility rests with Malta International Airport plc. The RCC, upon becoming aware of an aircraft in distress and knowing its emergency, will notify the Civil Protection Operations Centre. The Civil Protection will, in turn, alert the Fire, Ambulance and Hospital services as appropriate.

3.3 Search and Rescue Units

	AIR WING					
Name	Location	Facilities	Remarks			
1	2	3	4			
Luqa Airport Armed Forces of Malta helicopters and light aircraft (24-hour standby)	355127.15N 0142838.78E	2 x Alouette III 316B SRG	Radio: VHF AM, VHF Marine Homing Range: 70NM 15 MIN notice to move, day operations only			
		3 x AgustaWestland 139	Radio: UHF, VHF AM, VHF Marine, HF Homing Radar EO/IR Optics Range: 150NM 30 MIN notice to move during working hours 120 MIN notice to move during silent hours Can drop 10-man life rafts/smoke flares/markers			
		1 x BN2T Islander MRG	Radio: VHF AM, VHF Marine, HF Homing Radar Range: 150NM 30 MIN notice to move			
		3 x BE20 King Air	Radio: VHF AM, VHF Marine, HF, UHF Homing Radar EO/IR Optics Range: 500NM 60 MIN notice to move All weather Can drop 5-man or 10-man life rafts/ smoke flares/markers			

MARITIME SQUADRON				
Name	Location Facilities Remarks		Remarks	
1	2	3	4	
Marsamxett Harbour Armed Forces of Malta patrol vessels and launches (24-hour standby)	355400N 0143020E (not in WGS- 84)	2 x SAR launches (Vittoria Class)	Radio: UHF, VHF AM/FM, VHF Marine, DSC, HF DSC Homing Radar 5 MIN notice to move All weather Range: 70NM	
		4 x Inshore patrol boats (4 x Austal Class)	Speed: 32 kt Radio: VHF AM/FM, UHF, HF, VHF Marine DSC Homing Radar At least one deployed 24-hours	
		2 x Offshore patrol vessels (1 x Diciotti Class & 1 x OPV748 Class)	Radio: UHF, VHF FM, VHF Marine DSC, HF DSC Homing Radar Diciotti Class 180 MIN notice to move, OPV748 Class 240 MIN notice to move	
		2 x Medium Patrol Craft (Protector Class)	Radio: UHF, VHF FM, VHF Marine DSC, HF DSC Homing Radar 120 MIN notice to move	

Note: It should be noted that the above tables detail the total of available SAR units. At any given moment the actual quantities of SAR units available will depend on the technical availability of assets.

4. SAR agreements

4.1 Three formal SAR agreements have been concluded between the SAR services of Malta and those of Libya, the United States of America and Greece. Malta enjoys excellent SAR co-ordination with its neighbouring states.

5. Conditions of availability

5.1 The SAR service and facilities in Malta are available without charge to neighbouring States upon request to the RCC at all times when they are not engaged in SAR operations in Malta.

6. Procedures and signals used

6.1 Procedures

6.1.1 Procedures for pilots-in-command observing an accident or intercepting a distress call and/or message are outlined in ICAO Annex 12, Chapter 5.

6.2 Communications

- 6.2.1 Transmissions and reception of distress messages within the Malta FIR are handled in accordance with ICAO Annex 10, Volume II.
- 6.2.2 For communications during SAR operations, the codes and abbreviations to be used are those published in IAMSAR Search and Rescue Manual, Volume III.
- 6.2.3 The international emergency frequency 121.5 MHZ is guarded continuously by ATS units.
- 6.2.4 The auxiliary SAR frequency 123.1 MHZ is used during SAR operations.

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6.3	Search and	rescue	signals
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6.3.1 The SAR signals to be used are those prescribed in IAMSAR Search and Rescue Manual, Volume III.

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GEN 4 CHARGES FOR AERODROMES/HELIPORTS AND AIR NAVIGATION SERVICES

GEN 4.1 AERODROME/HELIPORT CHARGES

1. Applicable charges

1.1 Information regarding the various charges applicable to landing aircraft (day, night, local flights and any rebates), parking of aircraft, passenger service and security may be obtained from:

Airport Operations

Malta International Airport plc.

Luqa LQA 4000

Malta

Phone: (356) 23 69 61 68 Phone: (356) 23 69 61 59 Fax: (356) 21 24 95 64

SITA: MLAHKXH

Email: operations@maltairport.com

1.2 No reduction of landing or parking charges will be allowed because of the unavailability of any aerodrome services or other facilities.

2. Ground handling

2.1 Information regarding the ground handling services available to passenger and cargo aircraft at Luqa Airport, as well as information on the applicable charges, may also be obtained from the above.

3. Methods of payment

- 3.1 All charges due by aircraft operators or their representatives are payable, prior to departure, to Malta International Airport plc.
- 3.2 Payment may be made by major credit cards as well as in U.S. Dollars and Euro in cash.
- Operators or their representatives operating on a regular basis may seek to establish credit facilities with Malta International Airport plc. Such credit is given at the discretion of this Company and has to be supported by a bank guarantee acceptable to this Company.

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GEN 4.2 AIR NAVIGATION SERVICES CHARGES

1. Collection of charges for Air Traffic Control of en-route traffic

- 1.1 Pursuant to the Civil Aviation (Route Charges for Navigation Services) Regulations, 1989, Malta is integrated in the EUROCONTROL Route Charges System.
- 1.2 Route air navigation charges for flights within the Malta FIR/UIR are billed and collected by EUROCONTROL on behalf of Malta. The charge shall be based on distance, MTOW and service unit rate.
- 1.3 Information concerning the Route Charges System may be obtained from:

EUROCONTROL
CENTRAL ROUTE CHARGES OFFICE
Rue de la Fusée 96
B-1130 Brussels
Belgium

Phone: (32) 2 729 90 11 Fax: (32) 2 729 90 44 Telex: 21173 EUROC B

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ENR₀

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Nil

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Nil

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ENR 0.3 RECORD OF AIP SUPPLEMENTS

Nil

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ENR 0.4 CHECKLIST OF AIP PAGES

Nil

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ENR 0.5 LIST OF HAND AMENDMENTS TO THE AIP

Nil

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ENR 1 GENERAL RULES AND PROCEDURES

ENR 1.1 GENERAL RULES

1. General

1.1 Introduction

1.1.1 Except for the differences listed in GEN 1.7, the air traffic rules and procedures applicable to air traffic in the Malta FIR/UIR generally conform to Annexes 2 and 11 to the Convention on International Civil Aviation, Procedures for Air Navigation Services - Air Traffic Management (ICAO Doc. 4444) and Regional Supplementary Procedures applicable to the EUR Region (ICAO Doc. 7030) and Union Legislation SERA 923/2012.

1.2 ATS routes

- 1.2.1 For the purpose of ATS provision the width of all ATS routes is 5 NM either side of the centreline. The vertical extent of the routes that provides for the Minimum En-Route Level for IFR flights is shown in column 4 of the tables in ENR 3.3. The Minimum Flight Altitude of all the ATS routes is 3000 FT.
- 1.2.2 The ATS route network above FL095, as listed in the tables in ENR 3.3, is designed to RNAV 5 specification (B-RNAV in EUR Region).
- 1.2.3 Unless otherwise authorised by ATC, aircraft flying along published ATS routes are required, in so far as practicable, to operate along the defined centreline. Based on the traffic situation, aircraft may expect clearances to fly from entry point to exit point in the Malta FIR/UIR and in areas within the Roma FIR/UIR where ATS provision has been delegated from Italy to Malta, as indicated in ENR 2.2.

1.3 Controlled airspace in the Malta FIR/UIR

- 1.3.1 The following rules apply to aircraft intending to operate in controlled airspace in the Malta FIR/UIR:
 - a. a flight plan must be filed (refer to ENR 1.10);
 - b. ATC clearance must be obtained before the airspace is entered;
 - c. a continuous RTF watch must be maintained on the appropriate frequency; and
 - d. the flight must be conducted in accordance with ATC instructions.
- 1.3.2 Cruising levels will be allocated in accordance with the semi-circular rules depicted in the Table of Cruising Levels in ENR 1.7-6 unless otherwise published in column 5 of the tables in ENR 3.3. ATC may allocate a level not appropriate to the aircraft track for tactical reasons.

1.4 Volcanic Ash Operation Procedure for the Malta FIR/UIR

1.4.1 Key principles

- 1.4.1.1 The operator is responsible for the safety of its operations under the oversight of their respective State regulatory authority. The guiding principle for such operations is the use of a safety risk management approach, as described in ICAO Doc 9974 and EASA Safety Information Bulletin (SIB) 2010-17R7.
- 1.4.1.2 In order to consider whether or not to operate into airspace forecast to be, or aerodromes known to be, contaminated with volcanic ash, the operator should have in place an identifiable safety risk assessment (SRA) within its Safety Management System (SMS).
- 1.4.1.3 In order to decide whether or not to operate into airspace forecast to be, or aerodromes known to be, contaminated with volcanic ash, the operator's SRA must be accepted by its State regulatory authority.
- 1.4.1.4 The safety control measures set out in ICAO Doc 9974 and EASA Safety Information Bulletin (SIB) 2010-17R7 are intended to be sufficiently robust that they facilitate acceptance, without further investigation, by a State whose airspace is forecast to be affected by volcanic ash. The State can, based on the implementation of internationally accepted Safety Management principles, be confident in the ability of operators from other States to undertake operations safely in its airspace.

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1.4.1.5 Reference documents:

- ICAO Doc 9974
- ICAO EUR/NAT Volcanic Ash Contingency Plan (VACP) (ICAO EUR Doc 019/NAT Doc 006 Part II)
- EASA Safety Information Bulletin (SIB) 2010-17R7

1.4.2 Terminology

- 1.4.2.1 The following definitions of contamination are applicable in Malta regarding operation of aircraft in airspace contaminated with volcanic ash:
 - a. Area of Low Contamination: Airspace of defined dimensions where volcanic ash may be encountered at concentrations equal to or less than 2 x 10⁻³ g/m3. (Cyan)
 - b. Area of Medium Contamination: Airspace of defined dimensions where volcanic ash may be encountered at concentrations greater than 2 x 10⁻³ g/m3, but less than 4 x 10⁻³ g/m3. (Grey)
 - c. Area of High Contamination: Airspace of defined dimensions where volcanic ash may be encountered at concentrations equal to or greater than 4 x 10⁻³ g/m3, or areas of contaminated airspace where no ash concentration guidance is available. (Red)
- 1.4.2.2 These definitions are consistent with ICAO EUR/NAT Volcanic Ash Contingency Plan (VACP) (ICAO EUR Doc 019/NAT Doc 006 Part II) and EASA Safety Information Bulletin (SIB) 2010-17R7.

1.4.3 SRA application in Malta

1.4.3.1 Areas of ash contamination

1.4.3.1.1 In Malta, aircraft operators will be allowed to make decisions based on their SRA in the forecast areas of low, medium and high ash contamination. Therefore, Malta will allow operators to make decisions based on their SRA, as accepted by their respective state regulatory authority, in forecast areas of low, medium and high ash contamination.

1.4.3.2 Common SRA recognition

1.4.3.2.1 As part of its overall decision-making process regarding the operation of aircraft in airspace forecast to be, or aerodromes known to be, contaminated with volcanic ash, Malta will allow aircraft operators registered in other states to base their decisions on their SRA, as accepted by their state regulatory authority, in accordance with the above mentioned approach (see 1.4.3.1) to decision-making in Malta.

2. Class G airspace

2.1 Class G airspace in the Malta FIR/UIR

- 2.1.1 The residual airspace within the Malta FIR/UIR which lies outside controlled airspace, is designated Class G. This is applicable both below and above controlled airspace. Pilots wishing to receive an alerting service should contact Malta ATS on the appropriate sector frequency and report "Operations Normal" every 30 minutes. In so far as practical, Flight Information Service and Alerting Service, as described in ICAO Annex 11 and SERA sections 9 and 10, is provided to participating aircraft. However, Flight Information Service and Alerting Service to VFR flights operating below controlled airspace cannot be guaranteed.
- 2.1.2 Due to radar surveillance and communications limitations in lower airspace, participating aircraft may not always be able to avail themselves of a radar information service or be able to establish two way contact with Malta ACC. Due to these limitations, traffic information on other flights operating outside controlled airspace may not always be possible. This service is provided by Malta ACC through the normal control sectors in operation during day and night.
- 2.1.3 All aircraft operating outside controlled airspace, wishing to enter or cross controlled airspace, should contact Malta ACC at least 15 minutes before entering controlled airspace in order to obtain an entry clearance. When making such a request, the following information should be given:
 - a. the aircraft call sign or identification;
 - b. the type of aircraft;

- c. the position, level and flight conditions; and
- d. the estimated time at the point of entry.

3. General flight procedures

3.1 Climb and descent

- 3.1.1 When pilots are instructed to report leaving a level, they should advise ATC that they have left an assigned level only when the aircraft's altimeter indicates that the aircraft has actually vacated that level and is maintaining a positive rate of climb or descent.
- 3.1.2 In order to ensure that controllers can accurately predict flight profiles to maintain standard vertical separation between aircraft, pilots of aircraft commencing a climb or descent in accordance with an ATC clearance should inform ATC if they anticipate that their rate of climb or descent during the level change will be less than 500 FT per minute or, if at any time during such a climb or descent, their vertical speed is less than 500 FT per minute. This requirement applies to both the en-route phase of flight and to terminal holding above Transition Altitude.

3.2 General Procedures

- 3.2.1 The English language is used for all communications between aircraft and ATC in Malta.
- 3.2.2 VHF/RTF is used for all air-ground communications throughout the airspace under the jurisdiction of Malta. UHF is also available subject to prior notification.
- 3.2.3 As far as possible, pilots should make use of the ICAO standard RTF phraseology in ICAO Doc. 4444 when communicating with ATC.
- 3.2.4 As a general principle all messages should be acknowledged by use of the aircraft callsign. Messages containing any of the following items shall be read back in full:
 - a. level instructions;
 - b. heading instructions;
 - c. speed instructions;
 - d. airways or route clearances;
 - e. runway in use;
 - f. clearances and instructions to enter, land on, take-off from, hold short of, cross, taxi and backtrack on any runway;
 - g. SSR operating instructions;
 - h. altimeter settings; and
 - i. frequency changes.

3.3 Failure of two-way radio communications equipment

- 3.3.1 As soon as ATC is aware that two-way communication has failed, ATC will, as far as practical, maintain separation between the aircraft experiencing the communication failure and other aircraft, based on the assumption that the aircraft will operate in accordance with radio communication failure procedures described below.
- For the purposes of these procedures, ATC will expect an IFR flight following the ATS route structure to adopt the IMC procedure in paragraph 3.3.5, below. If there is an overriding safety reason, the pilot may adopt the VMC procedure.
- 3.3.3 The procedures detailed in this section apply to two-way communications failure. In the event that an additional emergency situation develops, ATC will expect the pilot to select transponder code on Mode A code 7700.

3.3.4 Visual Meteorological Conditions (VMC)

- 3.3.4.1 A VFR flight experiencing communication failure shall:
 - a. set transponder to Code 7600;
 - b. continue to fly in VMC;
 - when forming part of aerodrome traffic, keep a watch for ATC instructions as may be issued by visual signals;
 - d. land at the nearest suitable aerodrome: and
 - e. report its arrival time by the most expeditious means to the appropriate ATS unit.

3.3.5 Instrument Meteorological Conditions (IMC)

- 3.3.5.1 An IFR flight experiencing communication failure shall:
 - a. set transponder to Code 7600;
 - b. maintain, for a period of 7 minutes, the last assigned speed and level or the minimum flight altitude, if the minimum flight altitude is higher than the last assigned level. The period of 7 minutes commences:
 - 1. if operating on a route without compulsory reporting points or if instructions have been received to omit position reports:
 - i. at the time the last assigned level or minimum flight altitude is reached, or
 - ii. at the time the transponder is set to Code 7600, whichever is later; or
 - 2. if operating on a route with compulsory reporting points and no instruction to omit position reports has been received:
 - i. at the time the last assigned level or minimum flight altitude is reached, or
 - ii. at the previously reported pilot estimate for the compulsory reporting point, or
 - iii. at the time of a failed report of position over a compulsory reporting point, whichever is later:

Note: The period of 7 minutes is to allow the necessary air traffic control and coordination measures.

c. thereafter, adjust level and speed in accordance with the filed flight plan;

Note: With regard to changes to levels and speed, the filed flight plan, which is the flight plan as filed with an ATS unit by the pilot or a designated representative without any subsequent changes, will be used.

d. if being radar vectored or proceeding offset according to RNAV without a specified limit, proceed in the most direct manner possible to rejoin the current flight plan route no later than the next significant point, taking into consideration the applicable minimum flight altitude;

Note: With regard to the route to be flown or the time to begin descent to the arrival aerodrome, the current flight plan, which is the flight plan, including changes, if any, brought about by subsequent clearances, will be used.

- e. proceed according to the current flight plan route to the appropriate designated navigation aid serving the destination aerodrome and, when required to ensure compliance with (f) below, hold over this aid until commencement of descent:
- f. commence descent from the navigation aid specified in (e) above at, or as close as possible to, the expected approach time last received and acknowledged or, if no expected approach time has been received and acknowledged, at, or as close as possible to, the estimated time of arrival resulting from the current flight plan;

- g. complete a normal instrument approach procedure as specified for the designated navigation aid; and
- h. land, if possible, within thirty minutes after the estimated time of arrival or the last acknowledged expected approach time, whichever is later.

Note: Pilots are reminded that the aircraft may not be in an area of secondary surveillance radar coverage.

3.3.6 Actions by ATC

- 3.3.6.1 ATC will assume that an aircraft's receiver may be functioning and will transmit instructions for routing and other relevant information such as EAT, weather information, altimeter settings and runway in use at destination, or alternate, aerodromes.
- 3.3.6.2 ATC will use all means possible to monitor the flight's progress and inform other flights, where necessary.
- 3.3.6.3 ATC will attempt to re-establish communications with the pilot by monitoring standby frequencies and by contacting the aircraft operator or handling agent (when available).
- 3.3.6.4 ATC will coordinate the flight with other adjacent ATC units as required.
- 3.3.6.5 If the aircraft's progress cannot be monitored on radar and there has been no other indication of the aircraft's progress, standard alerting action will commence 30 minutes after the ETA for the destination aerodrome or within a period of 30 minutes after the time a communication should have been received.

3.4 Formation flights

- 3.4.1 Aircraft shall not be flown in formation except by pre-arrangement among the pilots-in-command of the aircraft taking part in the flight and, for formation flight in controlled airspace, in accordance with the conditions prescribed by the competent authority. These conditions shall include the following:
 - a. one of the pilots-in-command shall be designated as the flight leader;
 - b. the formation operates as a single aircraft with regard to navigation and position reporting;
 - separation between aircraft in the flight shall be the responsibility of the flight leader and the pilots-incommand of the other aircraft in the flight and shall include periods of transition when aircraft are manoeuvring to attain their own separation within the formation and during join-up and breakaway;
 - d. for State aircraft a maximum lateral, longitudinal and vertical distance between each aircraft and the flight leader in accordance with the Chicago Convention. For other than State aircraft a distance not exceeding 1 KM (0.5 NM) laterally and longitudinally and 30 M (100 FT) vertically from the flight leader shall be maintained by each aircraft; and
 - e. if this distance is exceeded or it is intended to be exceeded, clearance shall be requested from Malta ATC to dissolve the formation and to establish individual separation.

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ENR 1.2 VISUAL FLIGHT RULES

1. General

1.1 Except when operating as a special VFR flight, VFR flights shall be conducted so that the aircraft is flown in conditions of visibility and distance from clouds equal to or greater than those specified in the table below.

Altitude band	Airspace class	Flight visibility	Distance from cloud
At and above 3 050 m (10 000 ft) AMSL	C, G	8 km	1 500 m horizontally 300 m (1 000 ft) vertically
Below 3 050 m (10 000 ft) AMSL and above 900 m (3 000 ft) AMSL, or above 300 m (1 000 ft) above terrain, whichever is the higher	C, G	5 km	1 500 m horizontally 300 m (1 000 ft) vertically
At and below 900 m (3 000 ft) AMSL, or 300 m (1 000 ft) above terrain, whichever is the higher	C, D	5 km	1 500 m horizontally 300 m (1 000 ft) vertically
	G	5 km* **	Clear of cloud and with the surface in sight

No portion of airspace in the Malta FIR has been classified as Class A, Class B, Class E or Class F.

*When operating over the high seas and when so prescribed by the appropriate ATS authority:

- a. flight visibilities reduced to not less than 1 500 m may be permitted for flights operating:
 - 1. at speeds that, in the prevailing visibility, will give adequate opportunity to observe other traffic or any obstacles in time to avoid collision; or
 - 2. in circumstances in which the probability of encounters with other traffic would normally be low, e.g. in areas of low volume traffic and for aerial work at low levels.
- b. Helicopters may be permitted to operate in less than 1 500 m flight visibility, if manoeuvred at a speed that will give adequate opportunity to observe other traffic or any obstacles in time to avoid collision.
- **When operating within territorial waters and when so prescribed by the competent authority:
- a. flight visibilities reduced to not less than 1 500 m may be permitted for flights operating:
 - at speeds of 140 kts IAS or less to give adequate opportunity to observe other traffic or any obstacles in time to avoid collision; or
 - 2. in circumstances in which the probability of encounters with other traffic would normally be low, e.g. in areas of low volume traffic and for aerial work at low levels;
- b. Helicopters may be permitted to operate in less than 1 500 m but not less than 800 m flight visibility, if manoeuvred at a speed that will give adequate opportunity to observe other traffic or any obstacles in time to avoid collision.
- 1.2 VFR flights shall not be operated:
 - a. at transonic and supersonic speeds unless authorised by the competent authority;
 - b. above FL195.
- Operators intending to operate within the Malta UIR above FL195 as en-route GAT in VFR should submit their request in writing to Malta ATS at least seven (7) days before the planned conduct of flight. The approval of such flights may be subject to restrictions or specific arrangements agreed by Malta ATS. Special purpose general aviation, sporting and aerial work flights requesting to operate above FL195 in VFR may require exceptional arrangements to operate in reserved airspace.
- 1.4 VFR flights operating as GAT shall not be authorised within the Malta UIR above FL285.
- 1.5 VFR flights between sunset and sunrise shall be operated in accordance with the conditions prescribed in LMML AD 2.22.
- 1.6 Except when necessary for take-off or landing, or except by permission from the Civil Aviation Directorate Transport Malta, a VFR flight shall not be flown:
 - a. over the congested areas of cities, towns or settlements or over an open-air assembly of persons at a height less than 1000 ft above the highest obstacle within a radius of 600m from the aircraft; and
 - b. elsewhere than as specified in 1.6 (a), at a height less than 500 ft above ground or water, or 150 m (500 ft) above the highest obstacle within a radius of 150 m (500 ft) from the aircraft.

1.7 Except where otherwise indicated in air traffic control clearances, VFR flights in level cruising flight, when operated above 3000 ft from the ground or water, shall be conducted at a flight level appropriate to the track as specified in the tables of cruising levels on page ENR 1.7-3.

- 1.8 VFR flights shall comply with the provisions of an air traffic control service:
 - a. when operated within Class C airspace;
 - b. when forming part of Luga aerodrome traffic; or
 - c. when operated as special VFR flights.
- 1.9 The commander of an aircraft which is being operated in accordance with the visual flight rules who wishes to change to compliance with the instrument flight rules shall:
 - a. if a flight plan was submitted, communicate the necessary change to be effected to its current flight plan; or
 - b. submit a flight plan to the appropriate air traffic services unit and obtain a clearance prior to proceeding IFR, when in controlled airspace.

2. Authorisation for Special VFR flights in Control Zones

- 2.1 Special VFR flights may be authorised to operate within a control zone, subject to an ATC clearance. Except when permitted by the competent authority for helicopters in special cases such as, but not limited to, police, medical, search and rescue operations and fire-fighting flights, the following additional conditions shall be applied:
 - such special VFR flights may be conducted during day only, unless otherwise permitted by the competent authority;
 - b. by the pilot:
 - 1. clear of cloud and with the surface in sight;
 - 2. the flight visibility is not less than 1 500 m or, for helicopters, not less than 800 m;
 - at speed of 140 kts IAS or less to give adequate opportunity to observe other traffic and any obstacles in time to avoid a collision; and
 - c. An air traffic control unit shall not issue a special VFR clearance to aircraft to take off or land at an aerodrome within a control zone, or enter the aerodrome traffic zone or aerodrome traffic circuit when the reported meteorological conditions at that aerodrome are below the following minima:
 - 1. the ground visibility is less than 1 500 m or, for helicopters, less than 800 m;
 - 2. the ceiling is less than 180 m (600 ft).
- 2.2 Malta ATC will provide standard separation between all special VFR flights and between special VFR flights and all IFR flights.

2.3 Radio Communication Failure Procedures

- 2.3.1 The procedures to be adopted by pilots experiencing two-way communication failure are as follows:
 - a. operate the transponder on Mode A code 7600;
 - b. if it is believed that the transmitter is functioning, transmit blind giving position reports and intentions to ATC; and
 - c. if special VFR clearance has been obtained when the radio communication failure occurs, proceed in accordance with the special VFR clearance to Luqa aerodrome and land as soon as possible. When entering the aerodrome traffic circuit, watch for visual signals. If the aircraft is flying on a radar heading advised by ATC when the radio communication failure occurs, resume own navigation and proceed in the most direct manner to Luqa aerodrome.

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ENR 1.3 INSTRUMENT FLIGHT RULES

1. Rules applicable to all IFR flights

1.1 Aircraft equipment

1.1.1 Aircraft shall be equipped with suitable instruments and with navigation equipment appropriate to the route to be flown and in accordance with the applicable air operations legislation.

1.2 Minimum levels

1.2.1 Except when necessary for take-off or landing or when specifically authorised by the competent authority, an IFR flight shall be flown at a level that is not below the established minimum flight altitude.

1.3 Change from IFR flights to VFR flight

- 1.3.1 An aircraft electing to change the conduct of its flight from compliance with the instrument flight rules to visual flight rules shall notify Malta ATC that the IFR flight is cancelled and communicate thereto the changes to be made to its current flight plan.
- 1.3.2 When an aircraft operating under the instrument flight rules is flown in or encounters visual meteorological conditions, it shall not cancel its IFR flight unless it is anticipated, and intended, that the flight will be continued for a reasonable period of time in uninterrupted visual meteorological conditions.

2. Rules applicable to IFR flights within controlled airspace

- 2.1 IFR flights shall comply with the provisions of ICAO Annex 2 and Union Legislation when operated in controlled airspace.
- An IFR flight operating in cruising flight in controlled airspace shall be flown at a cruising level, or if authorised to employ cruise climb techniques, between two levels or above a level, selected from the tables of cruising levels shown on page ENR 1.7-2, except that the correlation of levels to track prescribed therein shall not apply whenever otherwise indicated in ATC clearances or as specified in ENR 3.3.
- 2.3 As specified in the ICAO EUR Regional Supplementary Procedures (Doc 7030/4 EUR), flights shall be conducted in accordance with the Instrument Flight Rules when operated within or above EUR RVSM airspace. Therefore, flights operating as General Air Traffic (GAT) within the Malta UIR at or above FL290, as described in ENR 2.1, shall be conducted in accordance with the Instrument Flight Rules.

3. Rules applicable to IFR flights outside controlled airspace

- 3.1 An IFR flight operating in cruising flight outside controlled airspace shall be flown at a cruising level appropriate to its track as specified in the tables of cruising levels indicated in table ENR 1.7-2.
- 3.2 An IFR flight operating outside controlled airspace shall maintain a listening watch on the appropriate radio frequency and establish two-way radio communication, as necessary, with Malta ATC.

4. Free route airspace general procedures

4.1 Area of application

4.1.1 FRA procedures are available H24 in Malta AOR above FL195 up to FL660 unless specific contingencies notified by NOTAM are required due to system, communication or surveillance failures. For further details see ENR 2.1, ENR 2.2 and ENR Charts.

4.2 Flight Procedures

4.2.1 General

- 4.2.1.1 Traffic will be subject to General Rules (ENR 1.1), RAD and Letters of Agreement (LoA) between neighbouring ACCs.
- 4.2.1.2 Within FRA, users will be able to plan user-preferred trajectories through the use of significant points included in AIP Malta ENR 4.4 'Name-code designators for significant points' and ENR 4.1 'Radio navigation aids –

enroute', respectively. Segments between significant points will be indicated by means of "DCT" instructions.

4.2.1.3 DCT usage / limitations

- 4.2.1.3.1 Within FRA, there is no restriction on the maximum DCT distance that can be flight planned between points.
- 4.2.1.3.2 The planning of DCT segments that are outside the lateral limits of the FRA in the Malta AOR is not allowed.
- 4.2.1.3.3 Vertical transition to / from FRA to the published ATS route network should be planned via a FRA Intermediate point or via a Mandatory Point as indicated in the RAD.

4.2.2 Overflying traffic

- 4.2.2.1 Overflying traffic should plan directly from MALTA AOR FRA entry point to the MALTA AOR FRA exit point, with the option to route via one or more FRA intermediate points, subject to RAD and airspace availability.
- 4.2.2.2 When requested by the pilot to climb into FRA but not indicated in Field 15 of the FPL or for ATC tactical purposes, Malta ACC may clear aircraft into FRA direct to a FRA exit point in the Malta AOR.
- 4.2.2.3 When requested by the pilot to descend below FRA but not indicated in Field 15 of the FPL or for ATC tactical purposes, Malta ACC may clear aircraft direct to a FRA exit point in the Malta AOR.

4.2.3 Access to/from Terminal Airspace

- 4.2.3.1 Arriving traffic to LMML / LICD should plan directly from FRA Entry Point (E) to the FRA Arrival Connecting Point (A) / STAR initial waypoint, as indicated in the RAD. The FRA Arrival Connecting Point (A) may also be the FRA Entry Point (E). Flight planning following the FRA Arrival Connecting Point (A) should be based on the ATS route network.
- 4.2.3.2 Departing traffic from LMML / LICD should plan directly from FRA Departure Connecting Point (D) / SID final waypoint to the FRA Exit Point (X) as indicated in the RAD. The FRA Departure Connecting Point (D) may also be the FRA Exit Point (X). Flight planning preceding the FRA Departure Connecting Point (D) should be based on the ATS route network.
- 4.2.3.3 Flight planning within the FRA will comply with adjacent ATS route network orientation.

4.2.4 Cross-border Application

4.2.4.1 Cross-border DCT is not allowed.

4.3 Airspace Reservation — Special Areas

4.3.1 Re-routing Special Areas

4.3.1.1 Unless specifically advised by NOTAM and coordinated with the Network Manager, AOs should plan their trajectory inside FRA disregarding segregated airspace. Should tactical re-routing be required, Malta ACC will provide radar vectors or alternative instructions to avoid the segregated airspace. In exceptional circumstances, a flight extension of 15NM may be expected.

5. Position reporting

- 5.1 IFR flights on ATS routes shall make position reports:
 - (a) immediately on initial contact;
 - (b) as instructed by ATC.
- 5.2 Position reports shall contain:
 - (a) the aircraft call sign or identification;
 - (b) the actual level and, when climbing or descending, the cleared level;
 - (c) position and time; and
 - (d) next reporting point and estimated time over that point.

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6. Communication failure

6.1 In case of communication failure, pilots shall act in accordance with the communication failure procedure described in ENR 1.1.

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ENR 1.4 ATS AIRSPACE CLASSIFICATION

1. Classification of airspace

1.1 ATS airspace is classified and designated in accordance with the following:

Class A — IFR flights only are permitted. All flights are provided with air traffic control service and are separated from each other. Continuous air-ground voice communications are required for all flights. All flights shall be subject to ATC clearance.

Class B — IFR and VFR flights are permitted. All flights are provided with air traffic control service and are separated from each other. Continuous air-ground voice communications are required for all flights. All flights shall be subject to ATC clearance.

Class C — IFR and VFR flights are permitted. All flights are provided with air traffic control service and IFR flights are separated from other IFR flights and from VFR flights. VFR flights are separated from IFR flights and receive traffic information in respect of other VFR flights and traffic avoidance advice on request. Continuous air-ground voice communications are required for all flights. For VFR flights a speed limitation of 250 kts indicated airspeed (IAS) applies below 3 050 m (10 000 ft) AMSL, except where approved by the competent authority for aircraft types, which for technical or safety reasons, cannot maintain this speed. All flights shall be subject to ATC clearance.

Class D — IFR and VFR flights are permitted and all flights are provided with air traffic control service. IFR flights are separated from other IFR flights, receive traffic information in respect of VFR flights and traffic avoidance advice on request. VFR flights receive traffic information in respect of all other flights and traffic avoidance advice on request. Continuous air-ground voice communications are required for all flights and a speed limitation of 250 kts IAS applies to all flights below 3 050 m (10 000 ft) AMSL, except where approved by the competent authority for aircraft types, which for technical or safety reasons, cannot maintain this speed. All flights shall be subject to ATC clearance.

Class E — IFR and VFR flights are permitted, IFR flights are provided with air traffic control service and are separated from other IFR flights. All flights receive traffic information, as far as is practical. Continuous airground voice communications are required for IFR flights. A speed limitation of 250 kts IAS applies to all flights below 3 050 m (10 000 ft) AMSL, except where approved by the competent authority for aircraft types, which for technical or safety reasons, cannot maintain this speed. All IFR flights shall be subject to ATC clearance. Class E shall not be used for control zones.

Class F— IFR and VFR flights are permitted. All participating IFR flights receive an air traffic advisory service and all flights receive flight information service if requested. Continuous air-ground voice communications are required for IFR flights participating in the advisory service and all IFR flights shall be capable of establishing air-ground voice communications. A speed limitation of 250 kts IAS applies to all flights below 3 050 m (10 000 ft) AMSL, except where approved by the competent authority for aircraft types, which for technical or safety reasons, cannot maintain this speed. ATC clearance is not required.

Class G—IFR and VFR flights are permitted and receive flight information service if requested. All IFR flights shall be capable of establishing air-ground voice communications. A speed limitation of 250 kts IAS applies to all flights below 3 050 m (10 000 ft) AMSL, except where approved by the competent authority for aircraft types, which for technical or safety reasons, cannot maintain this speed. ATC clearance is not required.

Implementation of Class F shall be considered as a temporary measure until such time as it can be replaced by an alternative classification.

1.1.1 The designation of the airspace classification shall be appropriate to the needs of the Member States, except that all airspace above FL195 shall be classified as Class C airspace.

1.2 The requirements for the flights within each class of airspace are as shown in the following table.

Class	Type of flight	Separation provided	Service provided	Speed limitation	Radio communication requirement	Subject to an ATC clearance
A	IFR only	All aircraft	Air traffic control service	Not applicable	Continuous two-way	Yes
В	IFR VFR	All aircraft	Air traffic control service	Not applicable	Continuous two-way	Yes
	IFR	IFR from IFR IFR from VFR	Air traffic control service	Not applicable		
С	VFR VFR from IFR (2) Air traffic control service for separation from IFR; VFR vFR from IFR (2) Air traffic control service, VFR/VFR traffic information (and traffic avoidance advice on request)		250 kt IAS two-way		Yes	
D	IFR IFR from IFR		Air traffic control service, traffic information in respect of VFR flights (and traffic avoidance advice on request)	250 kt IAS	Continuous	Yes
	VFR	Nil	Air traffic control service, IFR/VFR and VFR/VFR traffic information (and traffic avoidance advice on request)	below FL100	two-way	
E	IFR IFR from IFR as pract		Air traffic control service and, as far as practical, traffic information about VFR flights	250 kt IAS below FL100	Continuous two-way	Yes
	VFR	Nil	Traffic information as far as practical	Delow FL 100	No	No
F	IFR	IFR from IFR as far as practical	Air traffic advisory service and flight information service if requested	250 kt IAS	Continuous two-way	No
	VFR	Nil	Flight information service if requested	below FL100	No	110
G	VFR Nil		Flight information service if requested	250 kt IAS below FL100	Continuous two-way	No
			requesteu	Delow I-L 100	No	

ENR 1.5 HOLDING, APPROACH AND DEPARTURE PROCEDURES

1. General

1.1 The holding, approach and departure procedures in use are based on those contained in ICAO Doc. 8168

— Procedures for Air Navigation Services - Aircraft Operations (PANS-OPS).

1.2 The holding patterns shall be entered and flown as indicated below.

	Category A	Jet	aircraft	
Flight level (FL)	and B aircraft	Normal conditions	Turbulence conditions	
Up to and including FL140	170 KT	230 KT	000 KT M 0 00	
Above FL140 to FL200	24	280 KT or Mach 0.80 whichever is less		
Above FL200 to FL340	26	Willonever to lead		
Above FL340	Mac	Mach 0.83		

- 1.3 Upon entering the holding pattern, the pilot should turn right when passing over the designated holding fix and continue outbound for:
 - a. 1 minute, if at FL140 or below; or
 - b. 1.5 minutes, if above FL140.
- 1.4 When the outbound leg is completed, the pilot should turn right so as to re-align the aircraft on the inbound track.
- 1.5 PANS-OPS stresses the need for flight crew and operational personnel to adhere strictly to the published procedures in order to achieve and maintain an acceptable level of safety in operations.

2. Arriving flights

NIL

3. Departing flights

NIL

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ENR 1.6 ATS SURVEILLANCE SERVICES AND PROCEDURES

1. Radar service and procedures

1.1 General

- 1.1 Malta generally subscribes to the procedures for the use of radar in Air Traffic Services that are specified in ICAO Doc. 4444.
- The extent of flight information service and the use of radar in Class G airspace are limited by radar coverage and radio communications limitations over high seas airspace. Malta ACC will attempt to identify aircraft and provide a radar flight information service. However, the identification procedure does not imply that a radar information service is being provided. Therefore, pilots operating in Class G airspace in radio and/or radar contact with Malta ACC should not always expect traffic information on other aircraft in Class G airspace. Pilots should also note that they are wholly responsible for maintaining separation from other aircraft whether or not the controller has passed traffic information.
- 1.3 Pilots operating in Class G airspace should also be aware that military activity over high-seas airspace by foreign military forces is not always known or notified to Malta ACC.

1.2 Supplementary services

- 1.2.1 A radar unit normally operates as an integral part of the parent ATS unit and provides radar service to aircraft, to the maximum extent practicable, to meet the operational requirement. Many factors, such as radar coverage, controller workload and equipment capabilities, may affect these services, and the radar controller shall determine the practicability of providing or continuing to provide radar services in any specific case. Radar service is provided on a continuous basis (H24).
- 1.2.2 A pilot will know when radar services are being provided because the radar controller will use the following call signs:
 - a. aircraft under area control "Radar Contact";
 - b. aircraft under approach control "Radar Contact";
- 1.2.3 Malta area control service uses surveillance data from seven surveillance stations:
 - a. DG Dingli PSR and SSR, MAX range PSR 200 NM, MAX range SSR 250 NM;
 - b. FW Fawwara SSR, MAX range 250 NM;
 - c. HF Hal Far SSR/ELS, MAX range 190 NM;
 - d. LQ Luqa PSR, MAX range 60 NM;
 - e. KT Kithira SSR and ADS-B, MAX range SSR 210 NM;
 - f. LK Lefkas SSR, MAX range 210 NM;
 - g. US Ustica PSR and SSR, MAX range PSR 160 NM, MAX range SSR 180 NM.
- 1.2.4 Luqa approach control service uses surveillance data from Ħal Far radar station with contributions of fused data from Luqa, Dingli, Fawwara and Ustica radars.

1.3 The application of radar control service

- 1.3.1 Radar identification is achieved according to the provisions specified by ICAO.
- 1.3.2 Radar control service is provided within the designated CTAs in the Malta FIR/UIR and the Luqa TMA. This service may include:
 - a. radar separation of arriving, departing and en-route traffic;
 - b. radar monitoring of arriving, departing and en-route traffic to provide information on any significant deviation from the normal flight path;

- radar vectoring when required;
- d. assistance to aircraft in emergency;
- e. assistance to aircraft crossing controlled airspace;
- f. warnings and position information on other aircraft considered to constitute a hazard;
- g. information to assist in the navigation of aircraft; and
- h. information on observed weather.
- 1.3.3 The minimum horizontal radar separations are:
 - a. 5NM, in the Malta ACC WEST Sector including the Luqa TMA; and
 - b. 10NM in the Malta ACC EAST Sector.
- 1.3.4 Radar Controllers are only responsible for terrain clearance when vectoring IFR flights and when taking an aircraft off an ATS route by giving a direct routing. Levels or altitudes assigned by the radar controller will provide a minimum terrain clearance.

1.3.5 Radar maintenance schedule:

Radar	Maintenance schedule			
DG	every first Wednesday of the month between 0700 LT and 1100 LT*			
FW	every third Wednesday of the month between 2000 LT and 2359 LT			
LQ	every first Monday of the month between 0700 LT and 1100 LT**			
HF	every third Monday of the month between 0700 LT and 1100 LT			

^{*} In addition, there will be:

- a one-hour morning inspection every third Wednesday of each month; and
- a one-hour evening/night inspection on the remaining Wednesdays of each month.

1.4 Radar and air-ground communication failure procedures

1.4.1 Radar failure

1.4.1.1 In the event of radar failure or loss of identification, instructions will be issued to restore non-radar standard separation. In such cases, vertical separation of 500 FT may be resorted to as a temporary measure.

1.4.2 Air-ground communication failure

- 1.4.2.1 The radar controller will establish whether the aircraft radio receiver is working by instructing the pilot to make SSR code changes, to operate IDENT and to carry out turns. If the changes are observed, the radar controller will continue to provide radar service to the aircraft.
- 1.4.2.2 If the aircraft's radio is completely unserviceable, the pilot should carry out the procedures for radio failure in accordance with ENR 1.1. If radar identification has already been established, the radar controller will vector other identified aircraft clear of its track until such time as the aircraft leaves radar cover.

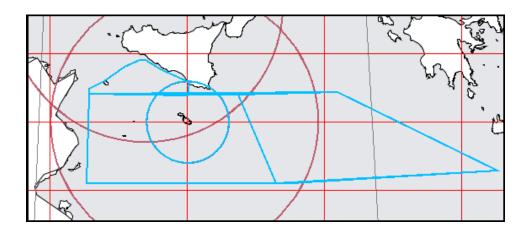
1.5 ATC Surveillance Minimum Altitude Chart

- 1.5.1 A Surveillance Minimum Altitude Area is a defined area in the vicinity of an aerodrome, in which the minimum safe levels allocated by a controller vectoring IFR flights with Secondary Radar equipment have been predetermined. The Surveillance Minimum Altitude Area Chart and associated minimum vectoring altitudes for Luqa aerodrome can be found in AD2-LMML-SMAC 1.
- 1.5.2 The Surveillance Minimum Altitude Area Chart for Luqa aerodrome shows the following information:
 - a. outline of the Surveillance Minimum Altitude Area;
 - b. significant obstructions and spot heights;

^{**} In addition, there will be a one-hour inspection every Monday morning.

- c. Minimum Safe Altitude within the Surveillance Minimum Altitude Area; and
- d. transition altitude.

1.6 Graphic portrayal of area of PSR coverage



2. Secondary surveillance radar operating procedures

2.1 General

- 2.1.1 All aircraft operating within controlled airspace in the Malta FIR/UIR are required to operate with serviceable transponder having Mode A4096 code and Mode C altitude reporting capability.
- 2.1.2 In airspace where the operation of transponders is not mandatory (e.g. outside controlled airspace), pilots of suitably equipped aircraft should comply with paragraph 2.2.1, below.
- 2.1.3 Except as detailed in paragraph 2.2.1 below, pilots shall:
 - a. maintain code settings as instructed by Malta ATC;
 - b. select or reselect codes, or switch off the equipment when airborne only when instructed by Malta ATC;
 - c. acknowledge code setting instructions by reading back the code to be set;
 - d. select Mode C simultaneously with Mode A unless otherwise instructed by Malta ATC; and
 - e. when reporting levels under routine procedures or when requested by ATC, state the current altimeter reading to the nearest 100 FT. This will assist in the verification of Mode C data transmitted by the aircraft.

Note: If, upon verification, there is a difference of more than 200 FT between the level readout and the reported level, the pilot will normally be instructed to switch off Mode C.

2.2 Special Purpose Codes

- 2.2.1 Some codes are reserved internationally for special purposes and should be selected as follows:
 - a. Code 7700, to indicate an emergency condition and should be selected as soon as is practicable after declaring an emergency situation with due regard of the over-riding importance of controlling the aircraft and containing the emergency;
 - b. Code 7600, to indicate a radio failure;
 - c. Code 7500, to indicate unlawful interference with the planned operation of a flight, unless circumstances warrant the use of Code 7700;
 - d. Code 2000, when entering the Malta FIR/UIR from an adjacent region where the operation of transponders has not been required; and

e. Code 7000, when not receiving an ATC service outside controlled airspace.

Note: Mode C should be operated with all of the above codes.

2.3 Malta SSR Code Allocation List

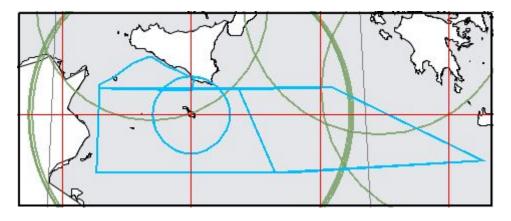
Transponder Codes Retained by Malta ACC						
0101 - 0177	0201 - 0277	0301 - 0377	0401 - 0477			
0501 - 0577	0601 - 0677	0701 - 0777	1101 - 1177			
1201 - 1277	1330 - 1377	2001 - 2077	2150 - 2177			
2201 - 2277	2301 - 2377	2501 - 2577	2640 - 2677			
2701 - 2777	3001 - 3077	3101 - 3177	3201 - 3277			
3501 - 3577	3701 - 3757	4130 - 4177	4301 - 4377			
4501 - 4577	4601 - 4677	5201 - 5277	5301 - 5377			
5501 - 5577	5601 - 5677	5701 - 5777	6001 - 6077			
6101 - 6177	6501 - 6557	6601 - 6677	7101 - 7177			
7201 - 7277	7301 - 7377	7501 - 7577	7601 - 7677			
7701 - 7727	7750 - 7757	7760 - 7775				

2.4 Transponder failure

2.4.1 Failure after departure

- 2.4.1.1 If the transponder fails after departure or en-route, Malta ATC will endeavour to provide for the continuation of the flight in accordance with the original flight plan. In certain traffic situations this may not be possible particularly when the failure is detected shortly after take-off. The aircraft may then be required to return to LMML aerodrome.
- 2.4.1.2 A temporary failure of SSR Mode C alone would not normally restrict the operation of the flight.

2.5 Graphic portrayal of area of SSR coverage



3. Automatic Dependent Surveillance — Broadcast (ADS-B)

3.1 Introduction

3.1.1 ADS-B OUT is a function on-board an aircraft that periodically transmits data such as identification, position, velocity and other information. The data link used for ADS-B messages in Europe is 1090 MHZ Extended Squitter. The aircraft ADS-B position is derived from onboard GNSS-based systems.

3.2 ADS-B equipage and ADS-B data usage

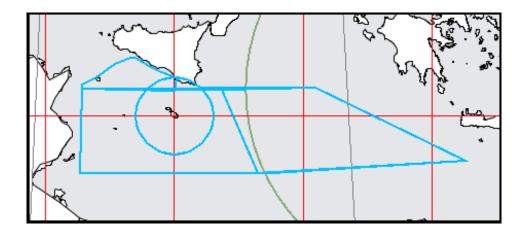
3.2.1 The requirements for ADS-B OUT equipage can be found in the European Commission Implementing Regulation (EU) No 1207/2011 and subsequent amendments. All data items provided, even those over and above what is specified by the regulation, shall be verified.

- 3.2.2 The broadcasted ADS-B messages are processed by ADS-B receivers and Surveillance systems, sent to the ATM systems and presented on the Situation Data Display used by ATS providers or can be used by other aircraft with ADS-B IN and/or ACAS functionality.
- 3.2.3 Aircraft transmitting ADS-B data may be provided with surveillance-based Air Traffic Services based on the ADS-B data, if the provided data quality is in compliance with the ATC service data quality requirements.

3.3 ADS-B system requirements

- 3.3.1 For aircraft required to equip with ADS-B OUT per European Commission Implementing Regulation (EU) No 1207/2011 and subsequent amendments the applicable requirements are European Aviation Safety Agency (EASA) CS ACNS Subpart D, Section 4.
- 3.3.2 For aircraft not required to equip with ADS-B OUT per European Commission Implementing Regulation (EU) No 1207/2011 and subsequent amendments the ADS-B OUT systems shall comply with one of the standards below:
 - 1. European Aviation Safety Agency (EASA) CS ACNS Subpart D, Section 4; or
 - 2. Federal Aviation Administration (FAA) Title 14 Code of Federal Regulations (14 CFR) section 91.227 or AC No. 20-165B (or replacement) Airworthiness Approval of ADS-B; or
 - 3. European Aviation Safety Agency (EASA) CS-STAN; or
- 3.3.3 ADS-B Out systems that are unable to meet the requirements above, must
 - ensure that the aircraft always transmits a value of 0 (zero) for one or more of the following position quality indicators: NUCp (only for ADS-B version 0 units), NIC and/or SIL, or
 - disable ADS-B transmission.

3.4 Graphic portrayal of area of ADS-B coverage



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ENR 1.7 ALTIMETER SETTING PROCEDURES

1. General

- 1.1 The altimeter setting procedures in use generally conform to those contained in ICAO Doc. 8168, Vol I.
- 1.2 The transition altitude for Luga aerodrome is 5000 ft while the transition level is fixed at FL070.
- 1.3 QNH and temperature reports are provided by the Met Office at Luqa and transmitted in automatic ATIS broadcasts. These reports are also available on request from Malta ATC. QNH values are given in hectopascals and are rounded down to the next whole hectopascal. For example, a QNH of 1015.3 HPA will be given as 1015 HPA.
- Vertical positioning of aircraft when at or below the transition altitude is expressed in terms of altitude, whereas such positioning at or above the transition level is expressed in terms of flight levels. While passing through the transition layer, vertical positioning is expressed in terms of altitude when descending and in terms of flight levels when ascending.
- 1.5 Vertical separation exists, or is deemed to exist, between the transition altitude and the transition level.
- 1.6 Flight level zero is located at the atmospheric pressure level of 1013.2 HPA. Consecutive flight levels are separated by a pressure interval corresponding to 500 ft in the standard atmosphere.

2. Take-off and climb

- 2.1 A QNH altimeter setting is made available in taxi clearance prior to take-off.
- 2.2 At Luqa aerodrome, the designated location for pre-flight altimeter checks is on the apron.

3. Vertical separation — en-route

- 3.1 Vertical separation at and above the transition level and during en-route flight, shall be expressed in terms of flight levels.
- 3.2 IFR flights, and VFR flights above 3000 ft AMSL, when in level cruising flight, shall be flown at such flight levels, corresponding to the magnetic tracks as indicated in table ENR 1.7-2.

4. Approach and landing

- 4.1 A QNH altimeter setting is made available in approach clearance and in clearance to enter the traffic circuit.
- 4.2 A QFE altimeter setting is available, on request, in the final approach and landing clearances. At Luqa aerodrome, the QFE setting is given for the runway being used for landing.
- 4.3 Malta ATC does not provide the transition altitude, unless this information is specifically requested by the pilot. The transition level is provided in ATIS broadcasts.

5. Missed approach

In the event of missed approach, pilots should continue to use the altimeter setting selected for final approach, unless otherwise authorised by Malta ATC.

6. Tables of cruising levels

6.1 The cruising levels to be observed are as follows:

TRACK											
From 000 degrees to 179 degrees			From 180 degrees to 359 degrees								
	IFR Flights	5	\	/FR Flight	ts	IFR Flights		VFR Flights		s	
	Level			Level		Level		Level			
FL	Feet	Metres	FL	Feet	Metres	FI	Feet	Metres	FL	Feet	Metres
010	1 000	300	_	_	_	020	2 000	600	_	_	_
030	3 000	900	035	3 500	1 050	040	4 000	1 200	045	4 500	1 350
050	5 000	1 500	055	5 500	1 700	060	6 000	1 850	065	6 500	2 000
070	7 000	2 150	075	7 500	2 300	080	8 000	2 450	085	8 500	2 600
090	9 000	2 750	095	9 500	2 900	100	10 000	3 050	105	10 500	3 200
110	11 000	3 350	115	11 500	3 500	120	12 000	3 650	125	12 500	3 800
130	13 000	3 950	135	13 500	4 100	140	14 000	4 250	145	14 500	4 400
150	15 000	4 550	155	15 500	4 700	160	16 000	4 900	165	16 500	5 050
170	17 000	5 200	175	17 500	5 350	180	18 000	5 500	185	18 500	5 650
190	19 000	5 800	195	19 500	5 950	200	20 000	6 100	205	20 500	6 250
210	21 000	6 400	215	21 500	6 550	220	22 000	6 700	225	22 500	6 850
230	23 000	7 000	235	23 500	7 150	240	24 000	7 300	245	24 500	7 450
250	25 000	7 600	255	25 500	7 750	260	26 000	7 900	265	26 500	8 100
270	27 000	8 250	275	27 500	8 400	280	28 000	8 550	285	28 500	8 700
290	29 000	8 850				300	30 000	9 150			
310	31 000	9 450				320	32 000	9 750			
330	33 000	10 050				340	34 000	10 350			
350	35 000	10 650				360	36 000	10 950			
370	37 000	11 300				380	38 000	11 600			
390	39 000	11 900				400	40 000	12 200			
410	41 000	12 500				430	43 000	13 100			
450	45 000	13 700				470	47 000	14 350			
490	49 000	14 950			_	510	51 000	15 550			
530	53 000	16 150				550	55 000	16 750			
570	57 000	17 350				590	59 000	18 000			
610	61 000	18 600				630	63 000	19 200			
650	65 000	19 800				_			_		

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ENR 1.8 REGIONAL SUPPLEMENTARY PROCEDURES (Doc. 7030)

1. General

1.1 Regional supplementary procedures are applied in accordance with ICAO Doc. 7030/4, Regional Supplementary Procedures.

2. Implementation of 8.33 kHz channel spacing

2.1 General

- 2.1.1 In Malta the European Regional Supplementary Procedures are applied in accordance with ICAO Doc 7030/4-EUR.
- 2.1.2 Mandatory Carriage of 8.33 kHz channel spacing radio equipment is required for aircraft operating within the Maltese FIR after 01 Jan 2018. The relevant standards for 8.33 kHz channel spacing radio equipment are contained in ICAO Annex 10 Volume III.

3. Carriage of ACAS II (TCAS II version 7.1) equipment

3.1 ACAS II (TCAS II version 7.1)

- 3.1.1 The following turbine-powered aeroplanes transiting within the Malta FIR shall be equipped with collision avoidance logic version 7.1 of ACAS II:
 - a. Aeroplanes with a maximum certified take-off mass exceeding 5700kgs;
 - b. Aeroplanes authorized to carry more than 19 passengers.
- 3.1.2 Aircraft not referred to in point 3.1.1 which are equipped on a voluntary basis with ACAS II shall have collision avoidance logic version 7.1.

3.2 Exemptions from carriage requirements of ACAS II logic version 7.1

3.2.1 Equipage exemptions from ACAS II (TCAS II 7.1), may apply in certain cases. Exemption requests must be requested directly from the Civil Aviation Directorate of Malta at least ten working days before the planned operation.

3.2.2 Delivery and maintenance flights

3.2.2.1 An ACAS II exemption may be approved for a specific aircraft not equipped with ACAS II, to fly in the airspace of Malta for the purpose of aircraft delivery or aircraft maintenance.

3.2.2.2 This ACAS II exemption is applicable to:

- aircraft newly manufactured within ECAC Member States, which are not fitted with ACAS II. These
 aircraft will be permitted to transit on direct flights only, out of ECAC Member States' airspace to
 regions where the carriage and operation of ACAS II is not required; and
- b. direct flights by aircraft, which are not fitted with ACAS II, from outside ECAC Member States, for the purpose of maintenance and engineering at facilities located within the ECAC Member States.

Note: This ACAS II delivery or maintenance flight exemption is not available for those flights seeking only to transit through the airspace of Malta.

3.2.3 Test flights

3.2.3.1 An ACAS II exemption may also be approved for a specific aircraft not equipped with ACAS II, to fly in the airspace of Malta for the purpose of conducting a test flight.

4. Implementation of Reduced Vertical Separation Minimum (RVSM)

4.1 The airspace within the Malta UIR between FL290 and FL410 inclusive, as described in ENR 2.1, is RVSM airspace.

- 4.2 Within this airspace, the vertical separation minimum shall be:
 - a. 1000ft between RVSM approved aircraft;
 - b. 2000ft between:
 - i. non-RVSM approved aircraft and any other aircraft operating within the RVSM airspace;
 - ii. formation flights of State aircraft and any other aircraft operating within the RVSM airspace; and
 - iii. an aircraft experiencing a communications failure in flight and any other aircraft, when both aircraft are operating within the RVSM airspace.
- 4.3 When an aircraft operating in RVSM airspace encounters wake turbulence, a report should be filed by completing the appropriate Wake Turbulence Report Form.

AIP ENR-1.9 - 1 MALTA 28 APR 2016

ENR 1.9 AIR TRAFFIC FLOW MANAGEMENT AND AIRSPACE MANAGEMENT

1. Introduction

1.1 Air Traffic Flow Management (ATFM) is an ATM service established with the objective of contributing to a safe, orderly and expeditious flow of air traffic by ensuring that ATC capacity is utilised to the maximum extent possible, and that the traffic volume is compatible with the monitoring values declared by the appropriate ATS authority.

- 1.2 ATFM has been evolving towards the integration of capacity management which is gradually developing into the new concept of Air traffic Flow and Capacity Management (ATFCM).
- 1.3 The emphasis on ATFCM is on balancing the management of Capacity and Demand, planned strategically and applied tactically as a result of physical airport or airspace limitations. ATFCM will be the primary means of ensuring flight punctuality and efficiency, whilst maintaining or improving safety.

1.4 The three phases of ATFCM service:

- 1.4.1 **Strategic Flow Management** takes place seven days or more prior to the day of operation and includes research, planning and coordination activities. This phase consists of analysing the evolution of the forecast demand and the identification of potential news problems and in evaluating possible solutions. The outputs of this phase are the capacity plan for the following year, the Route Allocation Plans and sets of other plans that can be activated as necessary during the next phases. (e.g. contingency)
- 1.4.2 **Pre-Tactical Flow Management** is applied during six days prior to the day of operation and consists of planning and coordination activities. This phase analysis and decides on the best way to manage the available capacity resources and on the need for implementation of flow measures (regulations or routings). The output is the ATFCM Daily Plan (ADP) published via ATFCM Notification Message (ANM) and Network News.
- 1.4.3 **Tactical Flow Management** is applied on the day of the operation. This phase updates the daily plan according to the actual traffic and capacity. The management of the traffic is made through slot allocation and/or ad-hoc re-routing.

2. General

2.1 The overall authority for the provision of Air Traffic Flow Management in the Malta FIR/UIR is delegated to the EUROCONTROL Network Manager (NM).

3. Responsibilities of the Network Manager (NM)

The responsibilities of the NM are:

- a. to ensure traffic flow does not exceed the stated capacity of the sectors in the Malta ACC; and
- b. to ensure that ATFM measures, when necessary, are applied in such a way as to reduce, as far as possible, the penalties to Aircraft Operators (AO).
- In order to achieve the above objectives the NM applies procedures that are agreed internationally and published in the corresponding EUROCONTROL NM documentation.
- 3.2 The NM procedures within the Malta FIR/UIR have the same status as procedures explicitly published in this AIP.

4. Responsibilities of the Air Traffic Services

- 4.1 A Flow Management Position is provided in the Malta ACC to liaise between ATC, aircraft operators and the NM.
- 4.2 Malta ATC is responsible for monitoring flights' compliance with departure slots (CTOT) issued by the NM. In accordance with the provision of the Regional Supplementary Procedures, Europe (ICAO Doc. 7030) and the ICAO ATFM Handbook Doc. 003, flights that do not adhere to their slot shall be denied start-up clearance. However, Malta ATC shall make all efforts to enable departing flights to comply with the slot.

5. Responsibilities of Aircraft Operators

- 5.1 Aircraft operators shall ensure that they adhere to the following:
 - a. general ATFM procedures including flight plan filing and message exchange requirements;
 - b. strategic ATFM measures, e.g. Route Availability Document (RAD);
 - current ATFM measures, e.g. specific measures applicable on the day of operation, promulgated by ATFM Notification Messages (ANM);
 - d. departure slots (CTOT) issued by the NM; and
 - e. the correct procedure to be followed to obtain approval for STS/ATFMX.

6. ATFM exemption procedures

- 6.1 Since the introduction of the NM, it has been possible for flight plan originators to obtain exemptions from ATFM restrictions for certain flights through the use of STS/ indicators in Item 18 of the ICAO FPL.
- 6.2 The following procedures shall be applied by flight plan originators:
 - a. the insertion of STS/ indicator in Item 18 of the FPL will identify that a flight may require special handling. This indicator is for use by all parties that may have to handle the flight;
 - the current list of STS/ indicators recognized for ATFM purposes comprises STS/MEDEVAC; STS/ HEAD; STS/SAR and STS/ATFMX. These STS indicators are afforded automatic exemption from ATFM measures; and
 - c. STS/ATFMX may only be used if that particular flight has received specific approval from the State concerned for processing such requests and is additional to any other special handling notification that may be required to be shown for ATC purposes. Such flights must provide specific authorization documentation in support of their request.
- A flight using STS/HUM; STS/HOSP; STS/STATE will no longer automatically qualify for exemption from ATFM measures. These indicators will simply identify a flight requiring "special handling" by ATC but they will have no special significance for ATFM purposes.

7. Procedure for requesting the use of STS/ATFMX

7.1 A flight plan originator seeking approval to insert STS/ATFMX for a flight departing from Malta shall obtain prior permission at least two hours in advance of the EOBT from the:

Duty Management Officer Transport Malta Civil Aviation Directorate Malta Transport Centre Pantar Road

Malta

Lija, LJA 2021

Phone: (356) 79 24 52 02 (Mobile)
Phone: (356) 25 55 56 53 (Office)
Email: dutyofficer.cad@transport.gov.mt
Email: civil.aviation@transport.gov.mt

7.2 The appropriate documentation has to be submitted as evidence in support of the request, at a later stage, if urgency so requires. Any abuse not supported by evidence may be sanctioned.

8. ATFM documentation

- 8.1 The general ATFM procedures which apply throughout the ICAO European Region are published in the ICAO Doc. 7030, Regional Supplementary Procedures Europe and in the ICAO ATFM Handbook EUR Doc. 003.
- 8.2 Detailed NM procedures can be found in the ATFM Users Manual published by EUROCONTROL.

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9. Malta FMP

9.1 The Malta FMP established in the Malta ACC, is available H24 on:

Malta Air Traffic Services Ltd.

Gate No. 4

Malta International Airport

Triq tal-Isqof

L-Imqabba, MQB9057

Malta

Phone: (356) 21 23 46 23 Phone: (356) 22 35 55 20 Phone: (356) 22 35 53 51 Fax: (356) 22 35 54 11 AFS: LMMMZQZX ENR-1.9 - 4 AIP 29 MAR 2018 MALTA

ENR 1.10 FLIGHT PLANNING

1. General procedures

1.1 The procedures used for flight planning are in accordance with the following ICAO documents and EU Regulations:

Annex 2 - Rules of the Air

Doc. 4444 - Air Traffic Management - PANS ATM

Doc. 7030/4 - Regional Supplementary Procedures - EUR

ATFCM Users Manual

Integrated Initial Flight Plan Processing System (IFPS) Users Manual

EU Reg 923/2012

1.2 Filing a flight plan (VFR and IFR flights)

- 1.2.1 An ICAO flight plan must be filed for all IFR flights planning to operate in the Malta CTA.
- 1.2.2 An ICAO flight plan must be filed for all VFR flights:
 - a. with departure or destination LMML which will cross the Malta FIR boundary:
 - b. with departure LICD to LMML or departure LMML to LICD
 - with departure and destination LMML and intending to operate outside the lateral limits of the Luqa TMA
 - d. planned to operate at night, if exiting the Luqa CTR

1.3 Procedures for the submission of a flight plan

1.3.1 Adherence to Airspace Utilization Rules and Availability

No flight plans shall be filed via the airspace of LMMM CTA deviating from the State restrictions defined within the Route Availability Document (RAD). This common European reference document contains all airspace utilisation rules and availability for LMMMFIR/UIR and any reference to them shall be made via:

URL: https://www.nm.eurocontrol.int/RAD/index.html

- 1.3.2 Normally, flight plans should be filed on the ground at least 60 minutes before clearance to start up is requested. For flights subject to Air Traffic Flow Management (ATFM) measures, a minimum of three hours before Estimated Off Block Time is required for flight plan submission.
- 1.3.3 A written flight plan, which can be filed through the Malta AIS reporting office located at the Arrivals Hall at the Malta International Airport, must be submitted on the ICAO Model Flight Plan Form (Doc. 4444, Appendix 2). The AIS personnel can be contacted directly from the AIS unmanned office from the point to point telephone by dialling 47.

AIS staff can also be contacted on the direct telephone number 22355543.

Flight plans can also be sent to the AIS office either by email aim@maltats.com or by fax 22355332.

The AIS unit may assist in compiling the flight plan details and checking them. However, the ultimate responsibility for filing an accurate flight plan rests with the pilot or the operator.

1.3.4 If a pilot lands at an aerodrome other than the destination specified in the flight plan, the pilot or operator must ensure that the ATS Unit at the original destination is informed within 30 minutes of the flight planned ETA, to avoid unnecessary action being taken by the Alerting Services.

2. Addressing of VFR flight plans

2.1 In addition to addressing a VFR flight plan to the destination aerodrome, and when applicable the appropriate FIRs en-route, the flight plan must also be addressed to Malta ACC on AFTN address LMMMZQZX and to the Malta AIS unit on AFTN address LMMMZPZX.

2.2 VFR flight plans which portion(s) of flight operated as IFR

IFPS is the only source for the distribution of IFR/General Air Traffic (GAT) flight plans and associated messages within the IFPS Zone (IFPZ). Although IFPS handles IFR flight plans, it will not process the VFR portions of any mixed VFR/IFR flight plan. Therefore, in order to ensure that all relevant ATS units are included in the flight plan message distribution, pilots or operators should ensure that whenever a flight plan contains portions of the flight operated under VFR, in addition to IFR, the FPL must be addressed to the following addressees:

- a. IFPS;
- b. aerodrome of departure;
- aerodrome of destination;
- d. all FIRs that the flight will route through as VFR; and
- e. any additional addressees specifically required by State or aerodrome authorities.

2.3 Submission Time Parameters

VFR flight plans should be submitted to the Malta AIS unit located at the Malta International Airport at least 60 minutes before clearance to start up or taxi is requested. The pilot is then responsible for ensuring that the airborne time of the flight is passed to the Malta AIS unit. The Malta AIS unit will ensure that the departure message is sent to the appropriate addressees. Failure to pass the airborne time will result in the flight plan remaining inactive. Consequently, this could result in the destination aerodrome not being aware that alerting action should be taken.

3. IFR flight plans

3.1 General

- 3.1.1 Malta is a participating State in the Integrated Initial Flight Plan Processing System (IFPS), which is an integral part of the EUROCONTROL Centralized Air Traffic Flow Management (ATFM) system. The IFPS is the sole source for distribution of IFR/General Air Traffic (GAT) flight plan information to ATS units within the participating States located in the IFPS Zone (IFPZ).
- 3.1.2 IFPS comprises two IFPS Units (IFPU) sited within the EUROCONTROL facilities at Haren, Brussels and Bretigny, Paris. The IFPS Zone (IFPZ) is divided into two separate areas, each IFPU having a primary responsibility for one area and a secondary role, for contingency purposes, for the other. All IFR/GAT flight plans and associated messages must be addressed to both IFPUs. The primary IFPU will process the flight plan, or associated message, whilst the other will hold both the raw and processed data, to be used in the event of a failure of the primary unit. Following successful processing, the flight plan will be delivered, at the appropriate time, to all the ATS unit addressees on the flight profiled route within the IFPZ.
- 3.1.3 IFPS will not handle VFR flight plans or Operational Air Traffic (OAT) flights. However, it will process the GAT portion(s) of a mixed OAT/GAT flight plan and similarly the IFR portion(s) of a VFR/IFR flight plan.
- 3.1.4 Full details of the procedures relating to IFPS and ATFM are contained within the relevant sections of the IFPS Users Manual and the ATFCM Users Manual which are available from https://www.eurocontrol.int/network-operations.

3.2 Filing of flight plans

3.2.1 Pilots and operators are ultimately responsible for the complete filing of their IFR/GAT flight plans and associated messages. This includes compilation (including addressing), accuracy and submission of flight plans and also for the reception of an Acknowledgement (ACK) message from IFPS.

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- 3.2.2 Pilots or operators without the facilities to file directly with IFPS and any other non-IFPS States affected by the flight should make arrangements to file their IFR/GAT flight plans through the Malta AIS unit located at the Malta International Airport.
- 3.2.3 Flight plans for flights subject to ATFM measures should be filed a minimum of three hours before Estimated Off Block Time (EOBT). Flight plans for all other flights should be filed a minimum of 60 minutes before EOBT.

3.3 Addressing of IFR flight plans

3.3.1 IFR/GAT flight plans and associated messages, for flights conducted wholly within the IFPS Zone, must address these messages only to the two IFPUs. The individual IFPU addresses are:

Haren	Bretigny		
AFTN:EUCHZMFP	AFTN:EUCBZMFP		
SITA: BRUEP7X	SITA:PAREP7X		

- 3.3.2 Pilots and operators of IFR/GAT flights, which will enter and/or exit the IFPZ, must ensure that the flight plans and associated messages are addressed to the two IFPU addresses indicated in paragraph 3.3.1 above, and also to the appropriate ATS units responsible for the flight outside the IFPZ. The procedure described in paragraph 3.3.3 below, is the preferred method of addressing in such cases.
- 3.3.3 The purpose of the re-addressing function is to ensure consistency between messages distributed both within and outside the IFPZ. This consistency is achieved by ensuring that data is not distributed to external addressees until it is successfully processed by IFPS. Any additional addressees to be included should be inserted after the Originator Information line and immediately before the open bracket, which indicates the beginning of the message text.

3.4 IFR flight plans with portion(s) of flight operated as VFR

- 3.4.1 IFPS is the only source for the distribution of IFR/General Air Traffic (GAT) flight plans and associated messages within the IFPS Zone (IFPZ). Although IFPS handles IFR flight plans, it will not process the VFR portions of any mixed VFR/IFR flight plan. Therefore, in order to ensure that all relevant ATS units are included in the flight plan message distribution, pilots or operators should ensure that whenever a flight plan contains portions of the flight operated under VFR, in addition to IFR, the FPL must be addressed to the following addressees:
 - a. IFPS;
 - b. aerodrome of departure;
 - c. aerodrome of destination;
 - d. all FIRs that the flight will route through as VFR; and
 - e. any additional addressees specifically required by State or aerodrome authorities.

4. Compilation and submission of flight plans

4.1 The compilation and submission of filed Flight Plans (FPL) and Repetitive Flight Plans (RPL) must be in accordance with the procedures specified in ICAO Doc. 4444 – PANS ATM, ICAO Doc. 7030 – EUR Regional Supplementary Procedures and the EUROCONTROL IFPS Users Manual.

5. Authorisation for special flights

5.1 Special flights of a specific nature (such as survey, scientific research flights, etc.) may be exempted from the requirement to submit a flight plan. A request for such flights to be conducted in the Malta FIR/UIR should be submitted, in writing, to:

Director General for Civil Aviation Transport Malta Civil Aviation Directorate Malta Transport Centre Pantar Road Lija, LJA 2021 Malta

- 5.2 Such requests should be made as early as possible giving details including:
 - a. aircraft type and identification;
 - b. purpose of flight;
 - c. flight rules;
 - d. intended area in which the flight is to be conducted;
 - e. the requested level or level bands;
 - f. planned time and date of flight; and
 - g. operator details.
- 5.3 Such special flights may be conducted within Maltese Territorial Waters and the Exclusive Economic Zone after a written authorisation from the Director General (Civil Aviation) has been granted to the aircraft operator.

ENR 1.11 ADDRESSING OF FLIGHT PLAN MESSAGES

1. General

1.1 Flight movement messages relating to traffic into or via the Malta FIR/UIR shall be addressed as follows:

Flight movement messages in this context comprise flight plan messages, amendment messages relating thereto and flight plan cancellation messages (ICAO PANS-ATM, Doc. 4444, refers).

Category of flight	Route	Message address		
1	2	3		
All IFR flights departing from LMML with destination within the IFPS Zone	All routes	EUCHZMFP EUCBZMFP		
All IFR flights departing from LMML with destination outside the IFPS Zone	All routes	EUCHZMFP EUCBZMFP		
All IFR flights with destination LMML	All routes	EUCHZMFP EUCBZMFP		
All IFR flights overflying LMMMFIR	All routes	EUCHZMFP EUCBZMFP		
All VFR fights overflying LMMMFIR	All routes	LMMMZQZX LMMMZFZX		
All international VFR flights with destination or departure LMML	All routes	LMMMZQZX LMMMZPZX LMMMZFZX		
All VFR flights with departure or destination LMML intending to operate outside the lateral limits of the Luqa TMA	All routes	LMMMZQZX LMMMZPZX LMMMZFZX		
Departure or destination LMML or LICD	All routes	LMMMZQZX LMMMZPZX		

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ENR 1.12 INTERCEPTION OF CIVIL AIRCRAFT

1. General

1.1 In the event that interception of civil aircraft over the territorial waters of Malta has to be carried out, the procedures described in EU Reg 923/2012 SERA, and the ICAO procedures described in ICAO Annex 2 — Rules of the Air and ICAO PANS-ATM Doc. 4444 will be followed. For this purpose, Article 3 (1) of the Territorial Waters and Contiguous Zone Act (Cap. 226) states that "the territorial waters of Malta shall be all parts of the open sea within twelve nautical miles of the coast of Malta measured from low-water mark on the method of straight baselines joining appropriate points".

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ENR 1.13 UNLAWFUL INTERFERENCE

1. General

1.1 An aircraft which is being subjected to unlawful interference shall endeavour to set the transponder to Code 7500 and notify the appropriate ATS unit of, any significant circumstances associated therewith and any deviation from the current flight plan necessitated by the circumstances, in order to enable the ATS unit to give priority to the aircraft and to minimise conflict with other aircraft.

1.2 If an aircraft is subjected to unlawful interference, the pilot-in-command shall attempt to land as soon as practicable at the nearest suitable aerodrome or at a dedicated aerodrome assigned by the competent authority unless considerations aboard the aircraft dictate otherwise.

2. Procedures

- 2.1 The following procedures are intended as guidance for use by aircraft when unlawful interference occurs and the aircraft is unable to notify an ATS unit of this fact.
- 2.2 Unless considerations aboard the aircraft dictate otherwise, the pilot-in-command should attempt to continue flying on the assigned track and at the assigned cruising level at least until notification to an ATS unit is possible or the aircraft is within radar coverage.
- When an aircraft subjected to an act of unlawful interference must depart from its assigned track or its assigned cruising level without being able to make radiotelephony contact with ATS, the pilot-in-command should, whenever possible attempt to broadcast warnings on the VHF emergency frequency and other appropriate frequencies, unless considerations aboard the aircraft dictate otherwise. Other equipment such as onboard transponders, data links, etc. should also be used when it is advantageous to do so and circumstances permit.
- 2.4 Aircraft subject to unlawful interference shall proceed at a level which differs from the cruising levels normally used by IFR flights by:
 - a. 500ft in an area where vertical separation minimum of 1000ft is applied
 - b. 1000ft in an area where vertical separation minimum of 2000ft is applied.

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ENR 1.14 AIR TRAFFIC INCIDENTS

1. Definition of an incident

- 1.1 An incident is an occurrence, other than an accident, associated with the operation of an aircraft, which affects or could affect the safety of operation. The following types of incidents shall be reported and assessed:
 - a. near collision;
 - b. potential for collision or near collision; and
 - c. ATM-specific occurrences.

2. Definition of an air traffic incident

- 2.1 An air traffic incident is an occurrence related to the provision of air traffic services, such as:
 - a. aircraft proximity (AIRPROX);
 - b. serious difficulty resulting in a hazard to aircraft caused, for example, by:
 - i. faulty procedures;
 - ii. non-compliance with procedures; or
 - iii. failure of ground facilities.

3. Definition of aircraft proximity

- 3.1 A situation of aircraft proximity is one in which, in the opinion of the pilot or the air traffic services personnel, the distance between aircraft, as well as their relative positions and speed, has been such that the safety of the aircraft involved may have been compromised.
- 3.2 Aircraft proximity is classified as follows:
 - a. risk of collision The risk classification of aircraft proximity in which serious risk of collision has existed;
 - b. safety not assured The risk classification of aircraft proximity in which the safety of the aircraft may have been compromised;
 - no risk of collision The risk classification of aircraft proximity in which no risk of collision has existed;
 and
 - risk not determined The risk classification of aircraft proximity in which insufficient information was available to determine the risk involved or inconclusive or conflicting evidence precluded such determination.

4. Definition of AIRPROX

- 4.1 The term AIRPROX is the code word used in an air traffic incident report to designate aircraft proximity.
- 4.2 Air traffic incidents are designated and identified in reports as follows:

Туре	Designation
Air traffic incident	Incident
as (a) above	AIRPROX (aircraft proximity)
as (b) (i) and (ii) above	Procedure
as (b) (iii) above	Facility

5. Use of the Air Traffic Incident Report Form

- 5.1 The Air Traffic Incident Report Form is intended for use:
 - by a pilot for filing a report on an air traffic incident after arrival or for confirming a report made initially by radio during flight (if the form is available on board, this may be of use in providing a pattern for making the initial report in flight); and
 - b. by an ATS unit for recording an air traffic incident report received by radio, telephone or teleprinter (the form may be used as the format for the text of a message to be transmitted over the AFS network).

6. Initial report by pilots

- 6.1 The following are the procedures to be followed by a pilot who is or has been involved in an incident:
 - a. during flight, use the appropriate air/ground frequency for reporting an incident of major significance, particularly if it involves other aircraft, so as to permit the facts to be ascertained immediately; and
 - b. as promptly as possible after landing, submit a completed Air Traffic Incident Report Form in order to:
 - confirm a report of an incident made initially as in (a) above or for making the initial report on such an incident if it had not been possible to report it by radio; and
 - ii. report an incident which did not require immediate notification at the time of occurrence.
- 6.2 An initial report made by radio should contain the following information:
 - a. aircraft identification (item A of the Air Traffic Incident Report Form);
 - b. type of incident (item B of the Air Traffic Incident Report Form);
 - c. details of the incident (items C1(a), C1(b), C2(a), C2(b), C2(c), C2(d), C2(n), C3(a), C3(b), C3(c), C3(i), C4(a) and C3(b) of the Air Traffic Incident Report Form); and
 - d. miscellaneous (item D1(e) of the Air Traffic Incident Report Form).
- 6.3 If it was impossible to report the incident by radio, a report should be made by telephone, or other means, to the Malta ATC Supervisor, immediately after landing.

7. Confirmation report

7.1 The pilot should complete the Air Traffic Incident Report Form supplementing the details of the initial reports as necessary. The confirmatory report on an incident of major significance initially reported by radio, or the initial report on any other incident, should be submitted within seven days to:

Director General for Civil Aviation Transport Malta Civil Aviation Directorate Malta Transport Centre Pantar Road Lija, LJA 2021 Malta

- 7.2 Some operators may require pilots to submit confirmatory reports through their Company. This is acceptable provided that the report, signed either by the pilot or a responsible official of the Company, is forwarded as above.
- 7.3 In the absence of exceptional circumstance, official action on radio or telephone reports may cease after seven days unless the confirmatory report has been received.
- A pilot leaving Malta for a period exceeding the specified seven days may transmit the confirmatory report to his Company through the AFTN. An incident report, being concerned with air safety, is acceptable for transmission as Class A traffic. On receipt of such a message, Company offices should complete the necessary Incident Report Form and submit it as indicated above without delay.

AIP ENR-1.14 - 3 **MALTA** 29 MAR 2018 7.5 Pilots may also make use of the AFTN from a place abroad to make an initial incident report which cannot be passed by radio. In such a case, the AFTN message may be addressed either to the Company or direct to Malta ACC. The Company office receiving an initial incident report in this way should then report to Malta ACC by telephone or through the AFTN and follow the procedures in paragraph 7.4, above. 7.6 Adherence to these procedures will ensure expeditious and uniform handling of incident reports and enable incidents to be investigated thoroughly and remedial action to be taken where necessary. 7.7 Pilots should co-operate by ensuring that the fullest possible information is given in every case and by reporting only those incidents that can reasonably be considered to warrant investigation. Company officials concerned are asked to facilitate action on reports by prompt handling in strict accordance with the procedures described. 7.8 A pilot making an incident report should bear in mind that, if the official investigation indicates a prima facie offence under civil law, he/she may be required to give evidence at a Board of Inquiry or at any legal proceedings contemplated by law. 7.9 Incident reports will receive immediate co-ordinated action by the Civil Aviation Directorate - Transport Malta. When a report has been received direct from a pilot, the aircraft operator will, whenever practicable, be notified that the report has been made and is in hand. Additionally, on completion of official action on the report, the operator will be informed of the outcome and any remedial action taken. 8. Purpose of reporting and handling of the form 8.1 The purpose of the reporting of aircraft proximity incidents and their investigation is to promote the safety of aircraft. 8.2 The purpose of the form is to provide investigating authorities with as complete information on an air traffic incident as possible and to enable them to report back, with the least possible delay, to the pilot or operator concerned, the result of the investigation of the incident and, if appropriate, the remedial action taken. 9. Assessment of reports and investigation 9.1 The primary reason for investigation by the appropriate authority is to determine the cause of an incident, thereby leading to action to reduce the possibility of collisions. Any incident reported under the Mandatory Occurrence Report Scheme will initially be assessed by a team of experts duly appointed by the Director General (Civil Aviation) in order to determine the degree of risk involved in an aircraft proximity incident and whether the incident warrants further investigation. 9.2 In the event that further investigation is deemed necessary, the Director General (Civil Aviation) will appoint an Investigation Team that will investigate fully the incident and make any safety recommendations as appropriate. 9.3 Should the initial assessment show that the incident is a serious one, then the investigation of the incident will be carried out by the Chief Inspector of Accidents in accordance with LN135/2002, the Civil Aviation (Investigation of Air Accidents and Incidents) Regulations, 2002. 9.4 Once the investigation is concluded, pilots and controllers, or their respective companies, will be informed of the findings.

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ENR 2 AIR TRAFFIC SERVICES AIRSPACE

ENR 2.1 FIR, UIR, TMA and CTA

I	Name Lateral limits Vertical limits Class of airspace		teral limits Unit providing service		Channel
	,	1	2	3	4
	MALTA FIR — LMMMFIR 363000N 0113000E — 363 342000N 0233500E — 342 363000N 0113000E.			MALTA CONTROL ENG	130.975 127.525 122.775
	Upper limit: FL195 Lower limit: MEL	Class D	MALTA ACC	H24	123.625 121.500 Emergency
I	Below MEL	Class G below MEL (excluding TMA/CTR/ CTA)		Malta Information ENG (activated by NOTAM)	119.805
	MALTA UIR — LMMMUIR 363000N 0113000E — 363000N 0190000E — 342000N 0233500E — 342000N 0113000E — 363000N 0113000E. Upper limit: FL660 Lower limit: FL195 Class C Upper limit: UNL Leave limit: UNL Leave limit: FL600 Class G		MALTA ACC	MALTA CONTROL ENG H24	130.975 127.525 122.775 123.625 121.500 Emergency
	Lower limit: FL660	Glass G			

Nal Lateral Vertica Class of	l limits I limits	Unit providing service	Call sign Languages Hours of service	Channel
1		2	3	4
MALTA ACC WEST SECT The airspace within lateral 342000N 0113000E — 364 363712N 0113000E — 364 371017N 0123259E — 372 372044N 0131127E — 370 370032N 0135852E — 365 364818N 0144703E — 363 363000N 0160000E — 342 342000N 0113000E (excluding the second	limits: 3000N 0113000E — 1852N 0115757E — 2044N 0130131E — 2725N 0133912E — 5146N 0142334E — 8000N 0144239E — 2000N 0170513E —	MALTA ACC	MALTA CONTROL ENG H24	130.975 Primary 127.525 Backup 121.500 Emergency
Upper limit: FL660 Lower limit: FL195	Class C (within LMMMUIR)			
Upper limit: FL660 Lower limit: FL195	Class C (within LIRRUIR)			

1 2 MALTA ACC EAST SECTOR — LMMMEST The airspace within lateral limits: 363000N 0190000E — 342000N 0233500E — 342000N 0170513E — 363000N 0160000E —	3	4
The airspace within lateral limits: 363000N 0190000E — 342000N 0233500E —		
Upper limit: FL195 Lower limit: MEL Class D MALTA ACC Upper limit: FL660 Class C	MALTA CONTROL ENG H24	122.775 Primary 123.625 Backup 121.500 Emergency

I	Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Hours of service	Channel
	1	2	3	4
ı	LUQA TMA — LMMLTMA The airspace within lateral limits: 363000N 0133223E — 363000N 0153700E — 352906N 0153700E — arc of circle, 60NM radius centred on 355127.15N 0142838.78E (LMML ARP) — 351247N 0133223E — 363000N 0133223E. Upper limit: FL195 Lower limit: 2000FT AMSL	LUQA APP	LUQA APPROACH ENG H24	128.155 Primary 118.355 Backup 121.500 Emergency

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Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Hours of service	Channel
1	2	3	4
MALTA CTA: UPPER — LMMMUPP The airspace within lateral limits: 363000N 0113000E — 363000N 0190000E — 342000N 0233500E — 342000N 0113000E — 363000N 0113000E. Upper limit: FL660 Lower limit: FL195 Class C	MALTA ACC	MALTA CONTROL ENG H24	130.975 Primary 127.525 122.775 123.625 121.500 Emergency
MALTA CTA: LOWER — LMMMLOW			
The airspace within lateral limits: 363000N 0113000E — 363000N 0190000E —			130.975 Primary
342000N 0233500E — 342000N 0113000E —		MALTA CONTROL	127.525
363000N 0113000E.	MALTA ACC	ENG	122.775
		H24	123.625
Upper limit: FL195 Class D Lower limit: FL95 (excluding TMA/CTR)			121.500 Emergency

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Hours of service	Channel
1	2	3	4
MALTA CTA: LAMPEDUSA — LMMMLPD A circle, radius 29.8NM centred on LICD ARP			130.975 Primary
(352953N 0123706E) till point DOKIK (352823N 0131332E).		MALTA CONTROL	127.525
	MALTA ACC	ENG	122.775
Upper limit: FL95		H24	123.625
Lower limit: FL65 Class D			121.500 Emergency

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ENR 2.2 OTHER REGULATED AIRSPACE

1. Delegation from Roma ACC to Malta ACC

1.1 General

1.1.1 Italy and Malta have arranged, by bilateral agreement between their Air Navigation Service Providers, to transfer responsibility for providing ATS to all aircraft between MEL and FL660 in those areas of Rome FIR/ UIR between the Rome/Malta FIR/UIR boundary and the line joining the points indicated in table 1.2 below.

1.2 The area involved in the transfer of ATS responsibility

Vert	ral limits ical limits of airspace	Unit providing service	Call sign Languages Hours of service	Frequency (MHZ)
	1	2	3	4
363000N 0113000E — 364852N 0115757E — 3 372044N 0130131E — 3 370725N 0133912E — 3 365146N 0142334E — 36 363000N 0144239E — 36	71017N 0123259E — 72044N 0131127E — 70032N 0135852E — 64818N 0144703E —		MALTA CONTROL	130.975 127.525
Upper limit: FL660 Lower limit: FL195	Class C	MALTA ACC	ENG H24	121.500
Upper limit: FL195 Lower limit: FL105	Class D		П24	Emergency
Upper limit: 105 Lower limit: MEL	Class E			

2. Free Route Airspace

Latera Vertica	me I limits al limits airspace	Unit providing service	Call sign Languages Hours of service	Frequency (MHZ)
	1	2	3	4
The airspace within lateral limits: 363000N 0190000E — 342000N 0233500E — 342000N 0113000E — 363000N 0113000E — 363712N 0113000E — 364852N 0115757E — 371017N 0123259E — 372044N 0130131E — 372044N 0131127E — 370725N 0133912E — 370032N 0135852E — 365146N 0142334E — 364818N 0144703E — 363000N 0144239E — 363000N 0190000E			MALTA CONTROL FNG	400.075
		MALTA ACC		130.975 127.525 122.775
Upper limit: FL660 Lower limit: FL195	Class C within LMMMUIR (FRA Malta)		H24	123.625 121.500 Emergency
Upper limit: FL660 Lower limit: FL305	Class C within LIRRUIR (FRA Italy)			

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3. Transponder Mandator	y Zone (TMZ	i) and Radio Mandator	y Zone ((RMZ)
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3.1 The controlled airspace in the Malta FIR/UIR is designated as Transponder Mandatory Zone (TMZ) and Radio Mandatory Zone (RMZ). The requirements for aircraft operating within controlled airspace in the Malta FIR/UIR are notified in GEN 1.5 section 2.

ENR 3 ATS ROUTES

| ENR 3.1 CONVENTIONAL NAVIGATION ROUTES

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| ENR 3.2 AREA NAVIGATION ROUTES

1. Summary of RNAV Routes:

Route	Page
<u>L12</u>	ENR-3.2 - 2
<u>L30</u>	ENR-3.2 - 3
<u>L874</u>	ENR-3.2 - 4
<u>M1</u>	ENR-3.2 - 5
<u>M620</u>	ENR-3.2 - 6
M621	ENR-3.2 - 7
M622	ENR-3.2 - 8
<u>M726</u>	ENR-3.2 - 9
<u>M727</u>	ENR-3.2 - 10
<u>M732</u>	ENR-3.2 - 11
<u>M740</u>	ENR-3.2 - 12
<u>M742</u>	ENR-3.2 - 13
<u>M855</u>	ENR-3.2 - 14
<u>M871</u>	ENR-3.2 - 15
<u>M978</u>	ENR-3.2 - 16
<u>M980</u>	ENR-3.2 - 17
<u>N4</u>	ENR-3.2 - 18
<u>N45</u>	ENR-3.2 - 19
<u>N46</u>	ENR-3.2 - 20
<u>N573</u>	ENR-3.2 - 21
<u>N982</u>	ENR-3.2 - 22
<u>P32</u>	ENR-3.2 - 23
<u>P126</u>	ENR-3.2 - 24
<u>P573</u>	ENR-3.2 - 25
<u>P623</u>	ENR-3.2 - 26
<u>P624</u>	ENR-3.2 - 27
<u>P868</u>	ENR-3.2 - 28
<u>Q723</u>	ENR-3.2 - 29
<u>T297</u>	ENR-3.2 - 30
<u>T299</u>	ENR-3.2 - 31
<u>T340</u>	ENR-3.2 - 32
<u>Z404</u>	ENR-3.2 - 33

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodetic DIST	Upper limit / Lower limit	FL s	eries	Controlling unit {Airspace class}
				Ţ	1	Remarks
L12 (RNAV 5)	1			1		
▲ MARON	370725N 013	33911E				(2)
	154°	40.4 NM	FL 195	Odd		{D: FL105 - FL195}
	334°		FL 95			{E: FL95 - FL105}
▲ EKOLA	363000N 013	35820E	<u> </u>	1		(3)
	155° 335°	30.0 NM	FL 305 FL 95	Odd		{C: FL195 - FL305} {D: FL95 - FL195}
△ GZO VOR/DME (GZO)	360214N 014	11219E	l			
	156°	40.6 NM	FL 305	Odd		{C: FL195 - FL305}
	336°		FL 95			{D: FL95 - FL195}
△ SUDIK	352429N 014	13029E	1	1		
	151°	72.2 NM	FL 305	Odd		{C: FL195 - FL305}
	331°		FL 95			{D: FL95 - FL195}
▲ LOTIN	342000N 01	50959E	1			(4)

- (2) Roma ACC / Malta ACC
- (3) LIRR / LMMM FIR/UIR BDRY
- (4) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Tripoli ACC)

L12 is available for southbound traffic only.

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point inates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL s	eries	Controlling unit {Airspace class}
				Ţ	1	Remarks
L30 (RNAV 5)	,					
▲ OMENI	360226N 011	13000E				(2)
	087° 268°	83.3 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ NEVNA	360243N 013	31255E		l		
	088° 268°	48.1 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ GOZO VOR/DME (GZO)	360214N 014	11219E			1	
	068° 248°	87.9 NM	FL 305 FL 95	Odd		{C: FL195 - FL305} {D: FL95 - FL195}
▲ VESOD	363000N 015	55537E	<u>'</u>		1	(3)

The segment between GZO and VESOD is available for eastbound traffic only.

- (2) DTTC / LMMM FIR/UIR BDRY (Tunis ACC / Malta ACC)
- (3) LMMM / LIRR FIR/UIR BDRY (Malta ACC / Roma ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]						
Significant Point Name		ant Point linates				Remarks		
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL	series	Controlling unit {Airspace class}		
				Ţ	1	Remarks		
L874 (RNAV 5)	<u>'</u>							
△ GODAK	353816N 0153659E							
	095° 276°	82.8 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
△ RUDOG	352600N 0171731E							
	096° 276°	60.0 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
△ INBIN	351607N 01	33000E		I		1		
	096° 278°	144.5 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
△ VANIX	344939N 02	12327E		ı				

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name	•	ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL series		Controlling unit {Airspace class}
			Ţ	1	Remarks	
M1 (RNAV 5)				•		
▲ ARLOS	343731N 02	30000E				(2)
	254° 074°	77.9 NM	FL 305 FL 95	Even	Odd	{C: FL195 - FL305} {D: FL95 - FL195}
▲ RASNO	342000N 02	12758E	<u>'</u>	1	-1	(3)
Significant point remarks: (2) LGGG / LMMM FIR/((3) LMMM FIR/UIR / HL				.CC)		

Route Designator {RNAV Type}	[Route Usage	Notes]							
Significant Point Name		cant Point dinates				Remarks			
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	F	L series	Controlling unit {Airspace class}			
				1	1	Remarks			
M620 (RNAV 5)									
▲ TISAL	363000N 01	74623E				(2)			
	152° 332°	47.4 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
∆ BINKO	354721N 0181147E								
	152° 332°	10.5 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
△ EMLAR	353754N 0181718E								
	152° 332°	24.1 NM	FL 305 FL 95	Odd		{C: FL195 - FL305} {D: FL95 - FL195}			
△ INBIN	351607N 01	83000E							
	152° 332°	10.7 NM	FL 305 FL 95	Odd		{C: FL195 - FL305} {D: FL95 - FL195}			
∧ KUTOS	350626N 01	83538E		1					
	152° 332°	51.4 NM	FL 305 FL 95	Odd		{C: FL195 - FL305} {D: FL95 - FL195}			
▲ BONAR	342000N 01	90213E				(3)			

- (2) LIRR / LMMM FIR/UIR BDRY (Roma ACC / Malta ACC)(3) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Benghazi ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name	•	ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL s	series	Controlling unit {Airspace class}
				Ţ	1	Remarks
M621 (RNAV 5)						
▲ ASKOT	363000N 016	62705E		(2)		
	145° 325°	44.1 NM	FL 305 FL 95		Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ EVIRA	355253N 016	55630E				l
	145° 325°	31.9 NM	FL 305 FL 95		Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ RUDOG	352600N 01	71731E			I	1
	145° 325°	16.3 NM	FL 305 FL 95		Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ BEKNI	351215N 017	72807E				1
	145° 326°	61.6 NM	FL 305 FL 95		Even	{C: FL195 - FL305} {D: FL95 - FL195}
▲ OLMAX	342000N 018	30750E		1	1	(3)

M621 is available for northbound traffic only.

- (2) LIRR / LMMM FIR/UIR BDRY (Roma ACC / Malta ACC)
- (3) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Benghazi ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL s	eries	Controlling unit {Airspace class}
				1	1	Remarks
M622 (RNAV 5)						
▲ ADEXI	372044N 0130131E					(2)
	140°	13.7 NM	FL 195		Even	{D}
	321°		FL 165			
▲ MABOX	370942N 013	31139E	,		L	
	141° 321°	49.0 NM	FL 195 FL 105		Even	{D}
▲ SOPIR	363000N 013	34737E			l .	(3)
	142°	34.2 NM	FL 305		Even	{C: FL195 - FL305}
	322°		FL 95			{D: FL95 - FL195}
△ GOZO VOR/DME (GZO)	360214N 014	41219E				
	123°	169.1 NM	FL 305		Even	{C: FL195 - FL305}
	304°		FL 95			{D: FL95 - FL195}
▲ INDOT	342000N 016	65653E				(4)
Doute remarks						

M622 is available for northbound traffic only.

- (2) Roma ACC / Malta ACC
- (3) LIRR / LMMM FIR/UIR BDRY
- (4) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Benghazi ACC).

Route Designator	[Route Usage							
{RNAV Type} Significant	Signific	ant Point				Remarks		
Point Name	Significant Point Remarks Coordinates							
{RNAV Type}	Track	Geodesic	Upper limit /	FL	series	Controlling unit		
	MAG	DIST	Lower limit			{Airspace class} Remarks		
				Ţ	1	rtemanto		
M726								
(RNAV 5)								
▲ LONDI	372044N 01	31127E				(2)		
	176°	11.0 NM	FL 195		Even	{D: FL105 - FL195}		
	356°		FL 95			{E: FL95 - FL105}		
▲ MABOX	370942N 01	31139E						
	176°	25.8 NM	FL 195		Even	{D: FL105 - FL195}		
	356°		FL 95			{E: FL95 - FL105}		
▲ RATOK	364352N 01	31209E				,		
	176°	13.8 NM	FL 195		Even	{D: FL105 - FL195}		
	356°	13.0 14101	FL 95		Even	{E: FL95 - FL105}		
▲ MADIR	363000N 01	31225E	1 2 3 0			(3)		
A			TEL 205		1_			
	176° 356°	7.3 NM	FL 305 FL 95		Even	{C: FL195 - FL305} {D: FL95 - FL195}		
∧ TOVMA	362243N 01	31233E	FL 95			{D. FL95 - FL195}		
Z TOVIMA			T= T					
	176°	6.9 NM	FL 305		Even	{C: FL195 - FL305}		
	356°		FL 95			{D: FL95 - FL195}		
∆ ASDAX	361550N 01	31240E						
	177°	13.1 NM	FL 305		Even	{C: FL195 - FL305}		
	357°		FL 95			{D: FL95 - FL195}		
∆ NEVNA	360243N 01	31255E	,		1			
	177°	4.7 NM	FL 305		Even	{C: FL195 - FL305}		
	357°		FL 95			{D: FL95 - FL195}		
∆ DEXOL	355801N 01	31300E						
	177°	15.8 NM	FL 305		Even	{C: FL195 - FL305}		
	357°	10.011	FL 95			{D: FL95 - FL195}		
△ REPTA	354216N 01	1 31317E						
	177°	13.9 NM	FL 305		Even	{C: FL195 - FL305}		
	357°	10.0 14101	FL 95			{D: FL95 - FL195}		
	352823N 01	31332E				,		
	177°	68.4 NM	FL 305		Even	{C: FL195 - FL305}		
	357°	33	FL 95			{D: FL95 - FL195}		
▲ SARKI	342000N 01	1 31447E				(4)		
	3.200014.01	- · · · · · ·				(')		

- (2) Roma ACC / Malta ACC
- (3) LIRR / LMMM FIR/UIR BDRY
- (4) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Tripoli ACC)

Route	[Route Usage	Notes]					
Designator							
RNAV Type}							
Significant		ant Point				Remarks	
Point Name	Coor	dinates					
{RNAV Type}	Track	Geodesic	Upper limit /	FLs	eries	Controlling unit	
	MAG	DIST	Lower limit			{Airspace class}	
				<u> </u>	1	Remarks	
M727							
(RNAV 5)							
▲ SENTI	371017N 01	23259E			(2)		
	175°	40.3 NM	FL 195	Odd		{D: FL105 - FL195}	
	355°		FL 75			{E: FL75 - FL105}	
▲ KOLEX	363000N 01	23458E				(3)	
	175°	60.1 NM	FL 305	Odd		{C: FL195 - FL305}	
	355°		FL 95			{D: FL95 - FL195}	
	OME 352959N 01	23751E			•		
(LPD)							
	177°	25.1 NM	FL 305	Odd		{C: FL195 - FL305}	
	357°		FL 95			{D: FL95 - FL195}	
△ EDELI	350452N 01	23800E	1		1	-	
	177°	44.9 NM	FL 305	Odd		{C: FL195 - FL305}	
	357°		FL 95			{D: FL95 - FL195}	
▲ ABRAM	342000N 01	23816E	•		1	(4)	

M727 is available for southbound traffic only.

- (2) Roma ACC / Malta ACC
- (3) LIRR / LMMM FIR/UIR BDRY
- (4) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Tripoli ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]							
Significant Point Name		ant Point linates				Remarks			
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL	series	Controlling unit {Airspace class}			
				1	1	Remarks			
M732 (RNAV 5)									
▲ SENTI	371017N 012	23259E				(2)			
	127°	23.9 NM	FL 195	Odd	Even	{D: FL105 - FL195}			
	307°		FL 85			{E: FL85 - FL105}			
▲ ROBIM	365453N 0125554E								
	127°	17.1 NM	FL 195	Odd	Even	{D: FL105 - FL195}			
	307°		FL 85			{E: FL85 - FL105}			
▲ RATOK	364352N 0131209E								
	127°	21.4 NM	FL 195	Odd	Even	{D: FL105 - FL195}			
	307°		FL 85			{E: FL85 - FL105}			
▲ UPLIT	363000N 013	33223E		I	I	(3)			
	128°	42.5 NM	FL 305	Odd	Even	{C: FL195 - FL305}			
	308°		FL 95			{D: FL95 - FL195}			
△ GOZO VOR/DME (GZO)	O) 360214N 0141219E								
	131°	147.5 NM	FL 305	Odd		{C: FL195 - FL305}			
	312°		FL 95			{D: FL95 - FL195}			
▲ ELIMO	342000N 016	62210E	1	<u>u</u>	II.	(4)			

The segment between GZO and ELIMO is available for southbound traffic only.

- (2) Roma ACC / Malta ACC
- (3) LIRR / LMMM FIR/UIR BDRY
- (4) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Benghazi ACC)

Route	[Route Usage	Notes]						
Designator {RNAV Type}								
Significant	Significa	nt Point				Remarks		
Point Name	Coord							
{RNAV Type}	Track	Geodesic	Upper limit /	FL	. series	Controlling unit		
	MAG	DIST	Lower limit			{Airspace class} Remarks		
				1	1	Remarks		
M740								
(RNAV 5)								
▲ PANTELLERIA VOR/ DME (PAN)	364852N 011	15757E				(2)		
	155°	14.0 NM	FL 195	Odd	Even	{D: FL105 - FL195}		
	335°		FL 85			{E: FL85 - FL105}		
▲ RUBRI	363554N 0120432E							
	154°	6.4 NM	FL 195	Odd	Even	{D: FL105 - FL195}		
	334°		FL 85			{E: FL85 - FL105}		
▲ DOBIX	363000N 012	20737E	(3)					
	155°	46.9 NM	FL 305	Odd	Even	{C: FL195 - FL305}		
	335°		FL 95			{D: FL95 - FL195}		
∆ LICDE	354732N 012	22906E						
	154°	19.0 NM	FL 305	Odd	Even	{C: FL195 - FL305}		
	335°		FL 95			{D: FL95 - FL195}		
△ LAMPEDUSA VOR/DME (LPD)	352959N 012	23751E				·		
	154°	76.3 NM	FL 305		Even	{C: FL195 - FL305}		
	334°		FL 95			{D: FL95 - FL195}		
▲ SARKI	342000N 013	31447E	L			(4)		
Route remark:								

The segment between SARKI and LPD is available for northbound traffic only.

- (2) Roma ACC / Malta ACC
- (3) LIRR / LMMM FIR/UIR BDRY
- (4) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Tripoli ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]							
Significant Point Name		ant Point linates				Remarks			
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FLs	series	Controlling unit {Airspace class} Remarks			
				+	l				
M742 (RNAV 5)									
▲ ADEXI	372044N 013	30131E				(2)			
	187° 007°	26.2 NM	FL 195 FL 95	Odd	Even	{D: FL105 - FL195} {E: FL95 - FL105}			
▲ ROBIM	365453N 0125554E								
	187° 007°	25.2 NM	FL 195 FL 95	Odd	Even	{D: FL105 - FL195} {E: FL95 - FL105}			
▲ NIBLO	363000N 0125032E (3)								
	187° 006°	41.6 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
△ EMCOL	354900N 0124150E								
	186° 006°	19.3 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
△ LAMPEDUSA VOR/DME (LPD)	E 352959N 0123751E								
	221° 041°	80.8 NM	FL 305 FL 95	Even	Odd	{C: FL195 - FL305} {D: FL95 - FL195}			
▲ RALAK	343125N 01	13000E	•		•	(4)			

The segment between LPD and ADEXI is available in the northbound direction (Even) only for traffic above FL195. Significant point remarks:

- (2) Roma ACC / Malta ACC
- (3) LIRR / LMMM FIR/UIR BDRY
- (4) LMMM / DTTC FIR/UIR BDRY (Malta ACC / Tunis ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point dinates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit			Controlling unit {Airspace class}
				1	1	Remarks
M855 (RNAV 5)						
▲ LEVDI	363000N 0184932E					(2)
	133° 313°	69.6 NM	FL 305 FL 245	Odd	Even	{C}
△ TIPAC	353910N 019	94814E				
	130° 311°	113.8NM	FL 305 FL 245	Odd	Even	{C}
▲ RASNO	342000N 02	12758E				(3)
Significant point remarks: (2) LIRR / LMMM UIR BE (3) LMMM UIR / HLLL FI						

Route Designator {RNAV Type}	[Route Usage	Notes]							
Significant Point Name		ant Point dinates				Remarks			
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL	series	Controlling unit {Airspace class} Remarks			
				↓	 	Itemarks			
M871 (RNAV 5)									
▲ SUBOK	363000N 01	65126E		(2)					
	105° 287°	115.0 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
∆ ABNAT	355148N 0190542E								
	106° 286°	36.8 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
∆ TIPAC	353910N 0194814E								
	107° 288°	103.4 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
∆ EVLIB	350158N 0214622E								
	108° 289°	65.2 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
▲ ARLOS	343731N 02	30000E	•	•	•	(3)			
▲ ARLOS Significant point remarks (2) LIRR / LMMM FIR/ (3) LMMM / LGGG FIR	: UIR BDRY - (Ro	oma ACC / M				(3)			

Route Designator (RNAV Type}	[Route Usage	Notes]						
Significant Point Name		ant Point dinates				Remarks		
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL	series	Controlling unit {Airspace class} Remarks		
M978 (RNAV 5)				<u>'</u>				
▲ SONAK	363712N 01	13000E				(2)		
	100° 281°	31.1 NM	FL 195 FL 115	Odd	Even	{D}		
▲ DOBIX	363000N 01	20737E			I	(3)		
	102° 283°	54.3 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
∆ ASDAX	361550N 01	31240E	1	1		1		
	103° 283°	50.1 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
△ GOZO VOR/DME (GZO)	360214N 0141219E							
	091° 272°	68.7 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
∆ AGARI	355753N 01	53700E		-				
	092° 272°	64.6 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
∆ EVIRA	355253N 01	65630E		1				
	092° 273°	61.3 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
∆ BINKO	354721N 01	81147E		1				
	092° 272°	78.8 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
∆ TIPAC	353910N 01	94814E						
	093° 274°	21.8 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
∆ ALIXA	353633N 02	01449E				,		
	093° 273°	23.1 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
∆ INKOP	353343N 02	04258E	•		1	•		
	093° 273°	21.5 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}		
▲ DEMAG	353105N 02	10912E	•	•	•	(4)		

(4) LMMM / LGGG FIR/UIR BDRY - (Malta ACC / Athinai ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name	•	ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL s	series	Controlling unit {Airspace class}
				1	1	Remarks
M980 (RNAV 5)						
▲ BASMO	354930N 0113000E					(2)
	081° 262°	83.9 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ DEXOL	355801N 013	31300E	l	1	1	
	082° 263°	48.2 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ GOZO VOR/DME (GZO)	360214N 014	11219E	<u> </u>			
	106° 286°	72.8 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ GODAK	353816N 015	53659E	1	1	1	1
	111° 293°	185.6 NM	FL 305 FL 195	Odd		{C}
▲ BONAR	342000N 019	90213E	•	•	•	(3)

The segment between GODAK and BONAR is available for southbound traffic only.

- (2) DTTC / LMMM FIR/UIR BDRY (Tunis ACC / Malta ACC)
- (3) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Benghazi ACC)

Route Designator {RNAV Type}	[Route Usage	e Notes]							
Significant Point Name		cant Point dinates				Remarks			
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	F	L series	Controlling unit {Airspace class}			
				1	1	Remarks			
N4 (RNAV 5)				1					
▲ DOBIX	363000N 01	120737E				(2)			
	095° 276°	52.8 NM	FL 305 FL 195	Odd	Even	{C}			
△ TOVMA	362243N 0131233E								
	096° 277°	183.5 NM	FL 305 FL 195	Odd	Even	{C}			
△ EVIRA	355253N 0165630E								
	100° 281°	67.3 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
∆ EMLAR	353754N 0181718E								
	101° 283°	167.8 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
△ AMIBO	345640N 02	213627E		1	I.	-			
	102° 282°	71.3 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}			
▲ ARLOS	343731N 02	230000E	•	1		(3)			

Route Designator {RNAV Type}	[Route Usage	e Notes]							
Significant Point Name		cant Point dinates				Remarks			
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FI	L series	Controlling unit {Airspace class}			
				Ţ	1	Remarks			
N45 (RNAV 5)									
∆ BINKO	354721N 0181147E								
	080° 260°	44.0 NM	FL 305 FL 245	Odd	Even	{C}			
△ ABNAT	355148N 01	90542E	1	1	I .				
	080° 261°	44.1 NM	FL 305 FL 245	Odd	Even	{C}			
△ NIMAN	355552N 0195955E								
	081° 261°	11.3 NM	FL 305 FL 245	Odd	Even	{C}			
				1		(2)			

Dt.	[Dt.]]	11-41				
Route	[Route Usage I	votesj				
Designator						
{RNAV Type}						
Cignificant	Cianifica	nt Daint				Domorko
Significant	Significa					Remarks
Point Name	Coord	ınates				
{RNAV Type}	Track	Geodesic	Upper limit /	FL s	eries	Controlling unit
,,,,	MAG	DIST	Lower limit			{Airspace class}
						Remarks
				1	1 1	1 1011101110
				Y	'	
N46			•			
(RNAV 5)						
<u> </u>						
▲ UPLIT	363000N 013	3223E				(2)
	099°	169.0 NM	FL 195	Odd	Even	{D}
	280°		FL 95			
. EV/IDA	055050N 046	50005				
△ EVIRA	355253N 016	5630E				
Significant point remark:						
	DDDV					
(2) LIRR / LMMM FIR/UIR	ו אעם					

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point linates		Remarks		
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL s	series	Controlling unit {Airspace class}
				1	1	Remarks
N573 (RNAV 5)	1		ı	ı		
▲ NELDA	365146N 014	12334E				(2)
	239° 059°	46.6 NM	FL 195 FL 145	Odd	Even	{D}
▲ UPLIT	363000N 013	33223E	•	1	II.	(3)
	242° 062°	17.6 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ TOVMA	362243N 013	31233E	1	1	II.	
Significant point remarks: (2) Roma ACC / Malta AC (3) LIRR / LMMM UIR BD						

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL	series	Controlling unit {Airspace class}
				1	1	Remarks
N982 (RNAV 5)						
▲ NELDA	365146N 0142334E					(2)
	187° 007°	22.1 NM	FL 195 FL 75	Odd	Even	{D: FL105 - FL195} {E: FL75 - FL105}
▲ DIRKA	363000N 014	11836E	1	II.	1	(3)
	188° 008°	28.2 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ GOZO VOR/DME (GZO)	360214N 014	11219E	l	I	I	1
	201° 021°	112.6 NM	FL 305 FL 95		Even	{C: FL195 - FL305} {D: FL95 - FL195}
▲ SARKI	342000N 013	31447E	•	1	1	(4)

Note 1: The segment between SARKI and GZO is available for northbound traffic only.

Note 2: The segment between GZO and NELDA is not available for northbound traffic above FL195.

- (2) Roma ACC / Malta ACC (FL 75 FL 195: Catania APP / Malta ACC)
- (3) LIRR / LMMM FIR/UIR BDRY
- (4) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Tripoli ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]						
Significant Point Name		ant Point linates				Remarks		
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL	series	Controlling unit {Airspace class}		
				↓ ·	1	Remarks		
P32 (RNAV 5)	1							
▲ NEVIK	350800N 0215740E					(2)		
	233° 053°	11.1 NM	FL 305 FL 195	Even	Odd	{C}		
△ EVLIB	350158N 0214622E							
	233° 053°	9.7 NM	FL 305 FL 195	Even	Odd	{C}		
△ AMIBO	345640N 0213627E							
	234° 054°	12.8 NM	FL 305 FL 195	Even	Odd	{C}		
△ VANIX	344939N 0212327E							
	234° 054°	53.8 NM	FL 305 FL 195	Even	Odd	{C}		
▲ EKLIS	342000N 020	02855E				(3)		
Significant point remarks: (2) LGGG / LMMM UIR (3) LMMM UIR / HLLL F								

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant	•	ant Point				Remarks
Point Name	Coord	linates				
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit			Controlling unit {Airspace class}
				1	1 +	Remarks
				ţ		
P126						
(RNAV 5)						
▲ DILIN	370032N 01	35852E				(2)
	166°	31.0 NM	FL 195		Even	{D}
	346°		FL 115			
▲ SUSOM	363000N 01	40557E				(3)
	167°	28.3 NM	FL 305		Even	{C: FL195 - FL305}
	347°		FL 95			{D: FL95 - FL195}
△ GOZO VOR/DME (GZO)	360214N 01	41219E	1		1	
	156°	40.6 NM	FL 305		Even	{C: FL195 - FL305}
	336°		FL 95			{D: FL95 - FL195}
△ SUDIK	352429N 01	43029E	1		1	
	169°	65.2 NM	FL 305		Even	{C: FL195 - FL305}
	349°		FL 95			{D: FL95 - FL195}
▲ LUMED	342000N 01	44203E	-		1	(4)

Note 1: P126 is available for northbound traffic only.

Note 2: When P126 is not available due to the activation of LI R501/LI R502/LI TRA504A/LI TRA504B (refer to Italy AIP), alternative northbound routing will be via GZO - M622 - MABOX - M726 - PNZ, on a tactical basis only.

- (2) Roma ACC / Malta ACC
- (3) LIRR / LMMM FIR/UIR BDRY
- (4) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Tripoli ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point Iinates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL:	series	Controlling unit {Airspace class} Remarks
P573 (RNAV 5)						
▲ SONAK	363712N 01	13000E				(2)
	112° 292°	17.1 NM	FL 195 FL 95	Odd	Even	{D}
▲ DINUX	363000N 01	14920E	•	•	1	(3)
	111° 292°	74.7 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ DEXOL	355801N 01	31300E	•	•	1	
	117° 297°	18.2 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ OBITA	354849N 01	33223E	· ·	1	1	
	114° 294°	53.2 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
∆ SUDIK	352429N 01	43029E	•	•	•	
	121° 302°	112.1 NM	FL 305 FL 95	Odd		{C: FL195 - FL305} {D: FL95 - FL195}
▲ ELIMO	342000N 01	62210E	•			(4)

Route remark:

The segment between SUDIK and ELIMO is available for southbound traffic only.

Significant point remarks:

- (2) Tunis ACC / Malta ACC
- (3) LIRR / LMMM UIR BDRY
- (4) LMMM FIR/UIR / HLLL FIR BDRY (Malta ACC / Tripoli ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL s	eries	Controlling unit {Airspace class}
				Ţ	1	Remarks
P623 (RNAV 5)						
▲ RALAK	343125N 01	13000E				(2)
	053° 233°	102.2 NM	FL 305 FL 195	Odd		{C: FL195 - FL305}
△ DOKIK	352823N 013	31332E	I	1		1
	051° 231°	58.5 NM	FL 305 FL 95	Odd		{C: FL195 - FL305} {D: FL95 - FL195}
△ GOZO VOR/DME (GZO)	360214N 014	41219E	1	1		1
	030° 210°	33.4 NM	FL 305 FL 95	Even		{C: FL195 - FL305} {D: FL95 - FL195}
▲ OLLEK	363000N 014	43512E	I	1		(3)
Route remark: P623 is available for eastbou	nd traffic only.					

Significant point remarks:

- (2) DTTC / LMMM FIR/UIR BDRY (Tunis ACC / Malta ACC)
- (3) LMMM / LIRR FIR/UIR BDRY (Malta ACC / Roma ACC)

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL s	series	Controlling unit {Airspace class} Remarks
P624 (RNAV 5)						
▲ LORED	363000N 01	53700E				(2)
	246° 065°	73.8 NM	FL 305 FL 95	Even		{C: FL195 - FL305} {D: FL95 - FL195}
△ GOZO VOR/DME (GZO)	360214N 014	11219E	1	1	Ш	
	245° 065°	35.0 NM	FL 305 FL 95	Even	Odd	{C: FL195 - FL305} {D: FL95 - FL195}
△ OBITA	354849N 013	33223E	1	1	Ш	
	245° 064°	16.8 NM	FL 305 FL 95	Even	Odd	{C: FL195 - FL305} {D: FL95 - FL195}
△ REPTA	354216N 013	31317E	1		1	
	244° 064°	9.0 NM	FL 305 FL 95	Even	Odd	{C: FL195 - FL305} {D: FL95 - FL195}
△ LUZOT	353845N 013	30306E	1	1	Ш	
	244° 063°	22.3 NM	FL 305 FL 95	Even	Odd	{C: FL195 - FL305} {D: FL95 - FL195}
△ LAMPEDUSA VOR/DME (LPD)	352959N 012	23751E				
	242° 061°	61.7 NM	FL 305 FL 95	Even	Odd	{C: FL195 - FL305} {D: FL95 - FL195}
▲ BIRSA	350251N 01	13000E				(3)

Route remark:

The segment between LORED and GZO is available for westbound traffic only.

Significant point remarks:

- (2) LIRR / LMMM FIR/UIR BDRY (Roma ACC / Malta ACC)
- (3) LMMM / DTTC FIR/UIR BDRY (Malta ACC / Tunis ACC)

Significant Point Name		ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL	_ series	Controlling unit {Airspace class}
				1	1	Remarks
P868 (RNAV 5)						
▲ NIGAT	353924N 01	13000E				(2)
	097° 277°	56.0 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ LAMPEDUSA VOR/DME (LPD)	352959N 012	23751E	1	1	1	1
	090° 270°	22.5 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
∆ AGMUB	352845N 013	30524E	•		<u> </u>	•
	090° 270°	6.6 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
	352823N 013	31332E				
	090° 271°	62.9 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
∆ SUDIK	352429N 014	13029E				
	091° 273°	145.6 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
∆ BEKNI	351215N 017	72807E				
	092° 273°	55.5 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
∧ KUTOS	350626N 018	33538E	-		<u> </u>	,
	093° 274°	138.6 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
△ VANIX	344939N 02	12327E	1	1		
	095° 275°	80.3 NM	FL 305 FL 95	Odd	Even	{C: FL195 - FL305} {D: FL95 - FL195}
▲ ARLOS	343731N 023	30000E	1	1		(3)

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL s	series	Controlling unit {Airspace class}
				1	1	Remarks
Q723 (RNAV 5)						
▲ LONDI	372044N 013	31127E				(2)
	203° 023°	28.6 NM	FL 195 FL 75	Odd	Even	{D: FL105 - FL195} {E: FL75 - FL105}
▲ ROBIM	365453N 012	25554E	1	l	I	1
	211° 031°	30.0 NM	FL 195 FL 75	Odd	Even	{D: FL105 - FL195} {E: FL75 - FL105}
▲ KOLEX	363000N 012	23458E	1	•	1	(3)
Significant point remarks: (2) Roma ACC / Malta AC (3) LIRR / LMMM FIR/UIR						

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name	•	ant Point Iinates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FLs	eries	Controlling unit {Airspace class}
				1	1	Remarks
T297		1		1		
(RNAV 5)						
△ GOZO VOR/DME (GZO)	360214N 014	11219E				
	190°	104.9 NM	FL 305	Odd		{C}
	010°	, 	FL 195			
▲ VARIG	342000N 013	34350E				(2)
Route remark: T297 is available for southbound traffic only. Significant point remark: (2) LMMM UIR / HLLL FIR BDRY - (Malta ACC / Tripoli ACC)						

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name		ant Point inates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FLs	eries	Controlling unit {Airspace class}
				1	1	Remarks
T299 (RNAV 5)						
△ SUDIK	352429N 014	13029E				
	208° 028°	75.0 NM	FL 305 FL 95	Odd		{C: FL195 - FL305} {D: FL95 - FL195}
▲ VARIG	342000N 013	34350E				(2)
Route remark: T299 is available for southbo Significant point remark: (2) LMMM / HLLL FIR/UIF	•		poli ACC)			

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name	•	cant Point rdinates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL	series	Controlling unit {Airspace class}
				Ţ	1	Remarks
T340 (RNAV 5)						
▲ LEVDI	363000N 01	184932E				(2)
	117° 298°	66.3 NM	FL 305 FL 195	Odd	Even	{C}
△ NIMAN	355552N 01	195955E				
	119° 299°	41.4 NM	FL 305 FL 195	Odd	Even	{C}
△ INKOP	353343N 02	204258E				
	117° 298°	60.8 NM	FL 305 FL 195	Odd	Even	{C}
△ EVLIB	350158N 02	214622E	1			
Significant point remarks: (2) LIRR / LMMM UIR E		ACC / Malta	ACC)			

Route Designator {RNAV Type}	[Route Usage	Notes]				
Significant Point Name	•	ant Point linates				Remarks
{RNAV Type}	Track MAG	Geodesic DIST	Upper limit / Lower limit	FL se	eries	Controlling unit {Airspace class} Remarks
Z404 (RNAV 5)		,				
△ LAMPEDUSA VOR/DME (LPD)	352959N 012	23751E				
	042° 222°	22.4 NM	FL 305 FL 95	Even		{C: FL195 - FL305} {D: FL95 - FL195}
△ PURZE	354538N 012	25736E	II.	1		
	042° 222°	17.6 NM	FL 305 FL 95	Even		{C: FL195 - FL305} {D: FL95 - FL195}
△ DEXOL	355801N 013	31300E	1			
Route remark: Z404 is available for northboo	und traffic only					

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| ENR 3.3 OTHER ROUTES

1. EN-ROUTE TRANSITION ROUTES

1.1 LICD RWY 08

1.1.1 LICD DEP Transition Routes RWY08

Waypoint	Insert in Field 15	Route Profile
To DOBIX	DOBIX M740 PAN / DOBIX DCT PAN	EMCOL SID RWY08 – DOBIX – PAN
TO DOBIX	DOBIX M978 SONAK / DOBIX DCT SONAK	EMCOL SID RWY08 – DOBIX – SONAK

1.1.2 LICD SID RWY08 connecting to ATS Route Network in LMMMFIR

Waypoint	Insert in Field 15	Route Profile
To DEXOL	PURZE Z404 DEXOL	PURZE SID RWY08 Z404 DEXOL
To DOKIK	AGMUB P868 DOKIK	AGMUB SID RWY08 P868 DOKIK

1.1.3 LICD ARR Transition Routes RWY08

Waypoint	Insert in Field 15	Route Profile
Via DOBIX	PAN M740 DOBIX / PAN DCT DOBIX	DOBIX – LICDE STAR RWY08
Via KOLEX	SENTI M727 KOLEX / SENTI DCT KOLEX	KOLEX – LICDE STAR RWY08
Via NIBLO	ADEXI M742 NIBLO / ADEXI DCT NIBLO or LONDI Q723 ROBIM M742 NIBLO	NIBLO – LICDE STAR RWY08
Via TOVMA	NELDA N573 TOVMA	TOVMA – LICDE STAR RWY08

1.1.4 ATS Route Network in LMMMFIR connecting to LICD STAR RWY08

Waypoint	Insert in Field 15	Route Profile
Via REPTA	GZO P624 LUZOT	REPTA – LUZOT STAR RWY08

1.1.5 Refer to ENR 6-LMMM-ETR1 - 1 for the en-route transition routes — LICD RWY 08 chart. Refer to AD section of Italy AIP for LICD STAR/SID RWY 08.

1.2 LICD RWY 26

1.2.1 LICD DEP Transition Routes RWY26

Waypoint	Insert in Field 15	Route Profile
To DOBIX	DOBIX M740 PAN / DOBIX DCT PAN	LICDE SID RWY26 – PAN
TO DOBIX	DOBIX M978 SONAK / DOBIX DCT SONAK	LICDE SID RWY26 – DOBIX – SONAK

1.2.2 LICD SID RWY26 connecting to ATS Route Network in LMMMFIR

Waypoint	Insert in Field 15	Route Profile
To DEXOL	PURZE Z404 DEXOL	PURZE SID RWY26 Z404 DEXOL
To DOKIK	AGMUB P868 DOKIK	AGMUB SID RWY26 P868 DOKIK

1.2.3 LICD ARR Transition Routes RWY26

	Waypoint	Insert in Field 15	Route Profile
I	Via DOBIX	PAN M740 DOBIX / PAN DCT DOBIX	DOBIX – EMCOL STAR RWY26
I	Via KOLEX	SENTI M727 KOLEX / SENTI DCT KOLEX	KOLEX – EMCOL STAR RWY26
I	Via NIBLO	ADEXI M742 NIBLO / ADEXI DCT NIBLO <i>or</i> LONDI Q723 ROBIM M742 NIBLO	NIBLO – EMCOL STAR RWY26
I	Via TOVMA	NELDA N573 TOVMA	TOVMA – EMCOL STAR RWY26

1.2.4 ATS Route Network in LMMMFIR connecting to LICD STAR RWY26

Waypoint	Insert in Field 15	Route Profile
Via REPTA	GZO P624 LUZOT	REPTA – LUZOT STAR RWY26

1.2.5 Refer to ENR 6-LMMM-ETR2 - 1 for the en-route transition routes — LICD RWY 26 chart. Refer to AD section of Italy AIP for LICD STAR/SID RWY 26.

I ENR 3.4 EN-ROUTE HOLDING

HLDG FIX/WPT Co-ordinates	INBD TR (°MAG)	Direction of Turn	MAX IAS (KT)	MNM-MAX HLDG LVL FL/FT (MSL)	TIME (MIN) or DIST OUBD	Controlling unit and Channel
1	2	3	4	5	6	7
BEVIM 353634.2N 0141958.9E	321	Left	230	3000 FT MNM	6 NM	Luqa APP 128.155
CR ² 355219N 0141855E	312	Left	210	2000 FT - 5000 FT	1 MIN or 4 NM (whichever is earlier)	Luqa TWR 135.105 Luqa APP (at higher altitudes) 128.155
EMCOL 354900.3N 0124150.4E	180	Left	230	FL 70 - FL 140	1 MIN ³ or 5 NM ⁴	Malta ACC 130.975
EVLAM 360547.0N 0145330.4E	232	Right	230	3000 FT MNM	6 NM	Luqa APP 128.155
FA ² 354730N 0142451E	132	Right	210	2000 FT - 5000 FT	1 MIN or 4 NM (whichever is earlier)	Luqa TWR 135.105 Luqa APP (at higher altitudes) 128.155
GOZO / GZO Gozo VOR / DME 360214N 0141219E	109	Left	250	3000 FT - FL 140 FL 150 - FL 200	1 MIN 1.5 MIN	Luqa APP 128.155
GUDER 360633.9N 0142352.7E	222	Right	230	3000 FT MNM	6 NM	Luqa APP 128.155
INTAM 355253.0N 0144807.6E	322	Right	230	3000 FT MNM	6 NM	Luqa APP 128.155
KEKOR 354613.6N 0144902.9E	222	Left	230	3000 FT MNM	6 NM	Luqa APP 128.155
LICDE 354732.2N 0122906.4E	180	Right	230	FL 70 - FL 140	1 MIN ³ or 5 NM ⁴	Malta ACC 130.975
LUZOT 353845.5N 0130305.5E	245	Left	230	FL 70 - FL 140	1 MIN ³ or 5 NM ⁴	Malta ACC 130.975

Notes:

- (1) The en-route holdings may be used only when indicated as a clearance limit or after permission from ATC.
- (2) CR and FA holdings will be authorised by ATC for integration of RNAV-capable aircraft operating in the circuit at LMML aerodrome.
- (3) For aircraft WITHOUT holding functionality.
- (4) For aircraft WITH holding functionality.

HLDG FIX/WPT Co-ordinates	INBD TR (°MAG)	Direction of Turn	MAX IAS (KT)	MNM-MAX HLDG LVL FL/FT (MSL)	TIME (MIN) or DIST OUBD	Controlling unit and Channel
1	2	3	4	5	6	7
METIM 354935.9N 0140832.5E	141	Right	230	3000 FT MNM	6 NM	Luqa APP 128.155
MONAM 360557.3N 0143643.5E	142	Left	230	3000 FT MNM	6 NM	Luqa APP 128.155
NOLER 360835.8N 0140716.6E	132	Right	230	3000 FT MNM	6 NM	Luqa APP 128.155
OMBER 355509.6N 0141001.4E	042	Left	230	3000 FT MNM	6 NM	Luqa APP 128.155
SOFOR 353246.4N 0145140.0E	312	Right	230	3000 FT MNM	6 NM	Luqa APP 128.155
TIVOR 353452.2N 0143511.6E	042	Right	230	3000 FT MNM	6 NM	Luqa APP 128.155
VEKIM 353639.8N 0140318.1E	051	Right	230	3000 FT MNM	6 NM	Luqa APP 128.155

Notes:

⁽¹⁾ The en-route holdings may be used only when indicated as a clearance limit or after permission from ATC.

⁽²⁾ CR and FA holdings will be authorised by ATC for integration of RNAV-capable aircraft operating in the circuit at LMML aerodrome.

⁽³⁾ For aircraft WITHOUT holding functionality.

⁽⁴⁾ For aircraft WITH holding functionality.

ENR 4 RADIO NAVIGATION AIDS

ENR 4.1 RADIO NAVIGATION AIDS — EN-ROUTE

Name of station (VOR/VAR)	ID	Frequency (CH)	Hours of operation	Coordinates	ELEV DME antenna	Remarks
1	2	3	4	5	6	7
GOZO VOR (decl.: 3° 02' E 2017)	GZO	115.7 MHZ	H24	360214.43N 0141218.95E	-	Transmitting power: 50 W Coverage: 250 NM FRA (I)
GOZO DME (decl.: 3° 02' E 2017)	GZO	115.7 MHZ (CH 104X)	H24	360214.43N 0141218.95E	-	Transmitting power: 1 KW Coverage: 250 NM
LAMPEDUSA VOR/DME (decl.: 2° E 2005)	LPD	108.6 MHZ (CH 23X)	H24	352958.94N 0123751.47E	27 M AMSL	FRA (I)
PANTELLERIA VOR/DME (decl.: 1° E 2005)	PAN	116.1 MHZ (CH 108X)	H24	364852N 0115757E	190 M AMSL	FRA (AD): LICD, LMML FRA (EX): ODD FL for entering aircraft, EVEN FL for exiting aircraft TOC Roma / Malta ACC

ENR-4.1 - 2 AIP 31 JAN 2019 MALTA

ENR 4.2 SPECIAL NAVIGATION SYSTEMS

Nil

ENR-4.2 - 2 AIP 03 APR 2014 MALTA

ENR 4.3 GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS)

Nil

ENR-4.3 - 2 AIP 03 APR 2014 MALTA

ENR 4.4 NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS

Name-code designator	Coordinates	ATS route or other route	Remarks/Usage
1	2	3	4
ABNAT	355148N 0190542E	M871	FALCON AAR corridor FRA (I)
ABRAM	342000N 0123816E	M727	FIR BDRY FRA (X): ODD FL TOC Malta / Tripoli ACC
ADEXI	372044N 0130131E	M622, M742	FRA (A): LICD FRA (D): LMML, LICD FRA (EX): ODD for entry, EVEN for exit TOC Roma / Malta ACC
ADIPO	350700N 0140500E	N/A	AREA GANNET AREA ALBATROSS AREA PELICAN FRA (I)
AGARI	355753N 0153700E	M978	FRA (I) FRA (AD): LMML LMML SID
AGMUB	352845N 0130524E	P868	LICD SID
ALIXA	353633N 0201449E	M978	OSPREY AAR corridor FRA (I)
AMIBO	345640N 0213627E	N4, P32	FRA (I)
ARFOL	364923N 0143940E	N/A	FRA (X): EVEN FL FRA (D): LMML ODD FL if entering via Tunis UIR TOC Malta / Roma ACC
ARLOS	343731N 0230000E	M1, M871, N4, P868	FALCON AAR corridor OSPREY AAR corridor FIR BDRY FRA (EX): EVEN for entry, ODD for exit TOC Athinai / Malta ACC
ASDAX	361550N 0131240E	M726, M978	FRA (I)
ASKOT	363000N 0162705E	M621	FIR BDRY FRA (X): EVEN FL TOC Malta / Roma ACC
BAGTU	350700N 0145500E	N/A	AREA GANNET FRA (I)
BASMO	354930N 0113000E	M980	FIR BDRY FRA (AD): LMML FRA (EX): ODD for entry, EVEN for exit TOC Tunis / Malta ACC
BEKNI	351215N 0172807E	M621, P868	FRA (I)
BEVIM	353634.2N 0141958.9E	N/A	IAF / HF LMML RNP RWY05

Name-code designator	Coordinates	ATS route or other route	Remarks/Usage
1	2	3	4
BINKO	354721N 0181147E	M620, M978, N45	FRA (I)
BIRSA	350251N 0113000E	P624	FIR BDRY FRA (AD): LMML FRA (EX): ODD for entry, EVEN for exit TOC Tunis / Malta ACC
BONAR	342000N 0190213E	M620, M980	FIR BDRY FRA (X): ODD FL TOC Malta / Benghazi ACC
DEMAG	353105N 0210912E	M978	FIR BDRY FRA (EX): EVEN for entry, ODD for exit TOC Athinai / Malta ACC
DEMIX	354248N 0143038E	N/A	RNAV VISUAL APPROACH RWY31
DEXOL	355801N 0131300E	M726, M980, P573, Z404	FRA (I)
DILIN	370032N 0135852E	P126	FRA (X): EVEN FL TOC Malta / Roma ACC
DINUX	363000N 0114920E	P573	FIR BDRY FRA (I)
DIRKA	363000N 0141836E	N982	FIR BDRY FRA (I)
DOBIX	363000N 0120737E	M740, M978, N4	FIR BDRY FRA (I)
DOKIK	352823N 0131332E	M726, P623, P868	FRA (I)
DOMNA	344600N 0145500E	N/A	AREA GANNET FRA (I)
EBAMI	350700N 0163500E	N/A	AREA PELICAN FRA (I)
EDELI	350452N 0123800E	M727	FRA (I)
EKLIS	342000N 0202855E	P32	FIR BDRY FRA (EX): ODD for entry, EVEN for exit TOC Benghazi / Malta ACC
EKOLA	363000N 0135820E	L12	FIR BDRY FRA (I)
ELIMO	342000N 0162210E	M732, P573	FIR BDRY FRA (D): LMML FRA (X): ODD FL TOC Malta / Benghazi ACC
EMCOL	354900N 0124150E	M742	LICD SID / STAR
EMLAR	353754N 0181718E	M620, N4	FRA (I)
ENELO	354621N 0143458E	N/A	RNAV VISUAL APPROACH RWY31

Name-code designator	Coordinates	ATS route or other route	Remarks/Usage
1	2	3	4
EVIRA	355253N 0165630E	M621, M978, N4, N46	FRA (I)
EVLAM	360547.0N 0145330.4E	N/A	IAF / HF LMML RNP RWY23
EVLIB	350158N 0214622E	M871, P32, T340	FALCON AAR corridor FRA (I)
EVOTA	355925.3N 0144226.0E	N/A	IF LMML RNP RWY23
EVPAT	355631.5N 0143724.6E	N/A	FAF LMML RNP RWY23
FORUM	344600N 0140500E	N/A	AREA GANNET AREA ALBATROSS AREA PELICAN FRA (I)
GENLA	344600N 0154500E	N/A	AREA ALBATROSS FRA(I)
GODAK	353816N 0153659E	L874, M980	FRA (I) FRA (AD): LMML LMML SID
GUDER	360633.9N 0142352.7E	N/A	IAF / HF LMML ILS / RNP RWY13
INBIN	351607N 0183000E	L874, M620	FRA (I)
INDOT	342000N 0165653E	M622	FIR BDRY FRA (A): LMML FRA (E): EVEN FL TOC Benghazi / Malta ACC
INKOP	353343N 0204258E	M978, T340	FRA (I)
INTAM	355253.0N 0144807.6E	N/A	IAF / HF LMML RNP RWY23
KEKOR	354613.6N 0144902.9E	N/A	IAF / HF LMML ILS / RNP RWY31
KOLEX	363000N 0123458E	M727, Q723	FIR BDRY FRA (I)
KUTOS	350626N 0183538E	M620, P868	FRA (I)
LACAN	350700N 0154500E	N/A	AREA ALBATROSS FRA (I)
LAKOM	360425.7N 0142116.5E	N/A	LMML ILS / RNP RWY13
LAPID	355520.2N 0144559.6E	N/A	LMML RNP RWY23
LASGO	354709.4N 0141041.5E	N/A	LMML RNP RWY05

Name-code designator	Coordinates	ATS route or other route	Remarks/Usage
1	2	3	4
LEVDI	363000N 0184932E	M855, T340	FIR BDRY FRA (EX): ODD for entry, EVEN for exit TOC Roma / Malta ACC
LICDE	354732N 0122906E	M740	LICD SID / STAR
LONDI	372044N 0131127E	M726, Q723	FRA (X): EVEN FL TOC Malta / Roma ACC
LONIK	354537N 0142708E	N/A	RNAV VISUAL APPROACH RWY31
LORED	363000N 0153700E	P624	FIR BDRY FRA (A): LMML FRA (E): EVEN FL TOC Roma / Malta ACC
LOTIN	342000N 0150959E	L12	FIR BDRY FRA (D): LMML FRA (X): ODD FL TOC Malta / Tripoli ACC
LUMED	342000N 0144203E	P126	FIR BDRY FRA (A): LMML FRA (E): EVEN FL TOC Tripoli / Malta ACC
LUVOS	353700.1N 0143747.2E	N/A	LMML ILS / RNP RWY31
LUZOT	353845N 0130306E	P624	LICD STAR
MABOX	370942N 0131139E	M622, M726	FRA (I)
MADIR	363000N 0131225E	M726	FIR BDRY FRA (I)
MALTI	355127N 0142839E	N/A	FRA (I)
MARON	370725N 0133911E	L12	FRA (A): LMML FRA (E): ODD FL EVEN FL if exiting via Tunis UIR TOC Roma / Malta ACC
METIM	354935.9N 0140832.5E	N/A	IAF / HF LMML RNP RWY05
MONAM	360557.3N 0143643.5E	N/A	IAF / HF LMML RNP RWY23
NEBEN	355720.8N 0142119.6E	N/A	FAF LMML ILS / RNP RWY13
NEDOX	360051.9N 0141656.6E	N/A	IF LMML ILS / RNP RWY13
NELDA	365146N 0142334E	N573, N982	FRA (A): LMML FRA (E): ODD FL EVEN FL if exiting via Tunis UIR TOC Roma / Malta ACC TOC Catania APP / Malta ACC

Name-code designator	Coordinates	ATS route or other route	Remarks/Usage
1	2	3	4
NEVIK	350800N 0215740E	P32	FIR BDRY FRA (EX): EVEN for entry, ODD for exit TOC Athinai / Malta ACC
NEVNA	360243N 0131255E	L30, M726	FRA (I)
NIBLO	363000N 0125032E	M742	FIR BDRY FRA (I)
NIGAT	353924N 0113000E	P868	FIR BDRY FRA (EX): ODD for entry, EVEN for exit TOC Tunis / Malta ACC
NIMAN	355552N 0195955E	N45, T340	FRA (I)
NOLER	360835.8N 0140716.6E	N/A	IAF / HF LMML ILS / RNP RWY13
OBITA	354849N 0133223E	P573,P624	FRA (I) LMML SID
OLLEK	363000N 0143512E	P623	FIR BDRY FRA (I)
OLMAX	342000N 0180750E	M621	FIR BDRY FRA (E): EVEN FL TOC Benghazi / Malta ACC
OMBER	355509.6N 0141001.4E	N/A	IAF / HF LMML ILS / RNP RWY13
OMENI	360226N 0113000E	L30	FIR BDRY FRA (AD): LMML FRA (EX): ODD for entry, EVEN for exit TOC Tunis / Malta ACC
ORTAP	363000N 0182000E	N/A	FIR BDRY FRA (EX): ODD for entry, EVEN for exit TOC Roma / Malta ACC
PURZE	354538N 0125736E	Z404	LICD SID
RALAK	343125N 0113000E	M742, P623	FIR BDRY FRA (AD): LMML FRA (EX): ODD for entry, EVEN for exit TOC Tunis / Malta ACC
RALOM	353900.8N 0141750.5E	N/A	LMML RNP RWY05
RANAT	355718.0N 0141237.0E	N/A	LMML ILS / RNP RWY13
RASNO	342000N 0212758E	M1, M855	FIR BDRY FRA (EX) M1: ODD for entry, EVEN for exit M855: EVEN for entry, ODD for exit TOC Benghazi / Malta ACC
RATOK	364352N 0131209E	M726, M732	FRA (I)

Name-code designator	Coordinates	ATS route or other route	Remarks/Usage
1	2	3	4
REPTA	354216N 0131317E	M726, P624	FRA (I)
REVPO	360330.4N 0143852.1E	N/A	LMML RNP RWY23
ROBIM	365453N 0125554E	M732, M742, Q723	FRA (I)
ROTAS	355650N 0201346E	N45	FIR BDRY FRA (EX): EVEN for entry, ODD for exit TOC Athinai / Malta ACC
ROTIP	355244N 0143548E	N/A	RNAV VISUAL APPROACH RWY31
RUBRI	363554N 0120432E	M740	FRA (I) LICG STAR / SID
RUDOG	352600N 0171731E	L874, M621	FRA (I)
RULOV	354406.0N 0144626.8E	N/A	LMML ILS / RNP RWY31
SARKI	342000N 0131447E	M726, M740, N982	FIR BDRY FRA (A): LMML FRA (E): EVEN FL TOC Tripoli / Malta ACC
SENTI	371017N 0123259E	M727, M732	FRA (A): LMML FRA (EX): ODD for entry, EVEN for exit TOC Roma / Malta ACC
SOFOR	353246.4N 0145140.0E	N/A	IAF / HF LMML ILS / RNP RWY31
SONAK	363712N 0113000E	M978, P573	FIR BDRY FRA (AD): LMML FRA (EX): ODD for entry, EVEN for exit TOC Tunis / Malta ACC
SOPIR	363000N 0134737E	M622	FIR BDRY FRA (I)
SUBOK	363000N 0165126E	M871	FALCON AAR corridor FIR BDRY FRA (EX): ODD for entry, EVEN for exit TOC Roma / Malta ACC
SUDIK	352429N 0143029E	L12, P126, P573, P868, T299	FRA (I) LMML SID
SUDOX	354033.1N 0144206.8E	N/A	IF LMML ILS / RNP RWY31
SUKAL	354405.0N 0143745.6E	N/A	FAF LMML ILS / RNP RWY31
SUNER	354954N 0143917E	N/A	RNAV VISUAL APPROACH RWY31
SUSOM	363000N 0140557E	P126	FIR BDRY FRA (I)

Name-code designator	Coordinates	ATS route or other route	Remarks/Usage
1	2	3	4
TIPAC	353910N 0194814E	M855, M871, M978	FRA(I)
TISAL	363000N 0174623E	M620	OSPREY AAR corridor FIR BDRY FRA (EX): ODD for entry, EVEN for exit TOC Roma / Malta ACC
TIVOR	353452.2N 0143511.6E	N/A	IAF / HF LMML ILS / RNP RWY31
ТОТТІ	344600N 0163500E	N/A	AREA PELICAN FRA (I)
TOVMA	362243N 0131233E	M726, N4	FRA (I)
UPLIT	363000N 0133223E	M732, N46, N573	FIR BDRY FRA (I)
VANIX	344939N 0212327E	L874, P32, P868	FRA (I)
VARIG	342000N 0134350E	T297, T299	FIR BDRY FRA (D): LMML FRA (X): ODD FL TOC Malta / Tripoli ACC
VEBIK	354600.0N 0141915.9E	N/A	FAF LMML RNP RWY05
VEKIM	353639.8N 0140318.1E	N/A	IAF / HF LMML RNP RWY05
VEMOL	354305.2N 0141416.2E	N/A	IF LMML RNP RWY05
VENIM	363000N 0172533E	N/A	FIR BDRY FRA (E): ODD FL TOC Roma / Malta ACC
VESOD	363000N 0155537E	L30	FIR BDRY FRA (D): LMML FRA (X): ODD FL LMML SID TOC Malta / Roma ACC

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| ENR 4.5 AERONAUTICAL GROUND LIGHTS - EN-ROUTE

Nil

ENR-5.1 - 1 29 DEC 2022

I

ENR 5 NAVIGATION WARNINGS

ENR 5.1 PROHIBITED, RESTRICTED AND DANGER AREAS

1. PROHIBITED AREAS

Identification, name and lateral limits	<u>Upper limit</u> Lower limit	Remarks (time of activity, type of restriction, nature of hazard)
1	2	3
LMP1 'DELIMARA' A circle, 600 M radius centred at 354949N 0143316E.	2000 FT SFC	LNG Power Plant. H24.

2. RESTRICTED AREAS

Nil

3. DANGER AREAS

	Identification, name and lateral limits	<u>Upper limit</u> Lower limit	Remarks (time of activity, type of restriction, nature of hazard)	
	1	2	3	
I	LMD1 'PEMBROKE HIGH' An arc, 8.5 NM radius centred at 355554N 0142832E joining the following points: 360337N 0142406E - 360009N 0143736E.	<u>27000 FT</u> SFC	Gun firing. Activated by NOTAM.	
I	LMD6 'PEMBROKE LOW' An arc, 4 NM radius centred at 355554N 0142832E joining the following points: 355946N 0142715E - 355829N 0143219E.	8800 FT SFC	Small-to-medium gun firing. Activated by NOTAM.	

NOTES:

- 1. A graphical representation of these areas is given on page ENR 6-LMMM-DA 1.
- 2. When these Danger Areas are active, aircraft operators should flight plan their preferred routes and Malta ATC will tactically re-route aircraft clear of these Danger Areas by use of radar vectors, direct routing or vertical separation.
- 3. FL 290 first usable level for GAT above LMD1.
- 4. FL 100 first usable level for GAT above LMD6.
- 5. Aircraft are deemed clear when operating outside the lateral limits of the danger areas.

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ENR 5.2 MILITARY EXERCISE AND TRAINING AREAS

1. MALTA AIR REFUELLING AREAS

Identification	Significant points defining corridor	Upper limit Lower limit Width of corri		Remark	
1	1 2		4	5	
FALCON CORRIDOR	ARLOS - EVLIB - ABNAT- SUBOK	FL280 FL150	5 NM either side of centreline	Air-to-Air refuelling corridor Available bi-directional Activated on a tactical basis	
OSPREY CORRIDOR	ARLOS - ALIXA - TISAL	FL280 FL200	5 NM either side of centreline	Air-to-Air refuelling corridor Available bi-directional Activated on a tactical basis	

Notes: (see charts in ENR 6-LMMM-AAR-FALCON - 1 and ENR 6-LMMM-AAR-OSPREY - 1)

Aircraft operating within these corridors shall be equipped to meet a navigational accuracy of RNAV 5 or equivalent.

The air refuelling activity will be conducted within airspace reservations approved by Malta ATS. Requests for reservation of these corridors for the purpose of AAR or transit flight in blocked levels should be addressed to the Airspace Cell of Malta ATS by e-mail at: airspace.cell@maltats.com.

Standard ICAO flight plans shall be submitted to the IFPS in accordance with EUROCONTROL procedures. In order to flight plan the MALTA corridors, users should insert the appropriate DCT points in Field 15 of the flight plan as indicated in the table above.

All aircraft involved in air refuelling operations shall be in contact with the appropriate Malta ATS unit and will be subject to ATC clearances in accordance with established procedures. During AAR within the MALTA corridors, ATC will consider the aircraft involved to be in Non-Deviation Status (NDS). Within the airspace of the Malta FIR/UIR, NDS means that ATC will not turn/climb/descend NDS approved aircraft in order to achieve separation with other non-participating aircraft unless absolutely required due to safety, emergency or other exceptional circumstances.

2. TEST TRAINING AREAS

Identification	Significant points defining area	Upper limit Lower limit	Remark		
1	2	3	4		
AREA GANNET	ADIPO - BAGTU - DOMNA - FORUM	FL660 FL100	Activated on a tactical basis either as a volume of airspace or as a track on the significant points defining the area.		
AREA ALBATROSS	ADIPO - LACAN - GENLA - FORUM	FL660 FL100	Activated on a tactical basis either as a volume of airspace or as a track on the significant points defining the area.		
AREA PELICAN	ADIPO - EBAMI - TOTTI - FORUM	FL660 FL100	Activated on a tactical basis either as a volume of airspace or as a track on the significant points defining the area.		

Notes: (see charts in ENR 6-LMMM-TTA1 - 1, ENR 6-LMMM-TTA2 - 1 and ENR 6-LMMM-TTA3 - 1)

Aircraft operating within these areas shall be equipped to meet a navigational accuracy of RNAV 5 or equivalent.

Request for reservations of these areas should be addressed to the Airspace Cell of Malta ATS by e-mail at: airspace.cell@maltats.com.

Standard ICAO flight plans shall be submitted to the IFPS in accordance with NM procedures. SUDIK SIDs from LMML are mandatory for aircraft to access these areas. Insertion of the appropriate STAY indicator is required after SUDIK. The following text shall be inserted as a Remark in Field 18 of the FPL – RMK/GANNET / ALBATROSS / PELICAN AREA APPROVED BY MALTA ATS.

Aircraft operating within these areas shall be in contact with the appropriate Malta ATS unit and will be subject to ATC clearances. Non-Deviation Status procedures will be applicable in these areas unless otherwise coordinated with the users concerned. NDS procedures will afford a level of priority to these flights in order to meet their test / training requirements whilst operating in the approved area.

These areas will not be segregated and therefore non-participating aircraft will be able to flight plan the ATS route network / FRA as applicable.

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ENR 5.3 OTHER ACTIVITIES OF A DANGEROUS NATURE AND OTHER POTENTIAL HAZARDS

1. Other activities of a dangerous nature

1.1 Military flight operations over the high-seas

- 1.1.1 Foreign military forces may decide to conduct military activity over the high-seas within the lateral limits of the Malta FIR/UIR, inside and/or outside controlled airspace. When these operations are coordinated with Malta ATS and information is available on the lateral and vertical limits, time of activity and status of these areas, Malta ATS will publish an appropriate NOTAM in coordination with the military authorities involved in this activity.
- 1.1.2 In case of military activity conducted over the high-seas under the provisions of 'due regard', Malta ATS will not publish any NOTAM. In such instances the military authorities planning such activity are responsible to comply with applicable ICAO provisions over the high seas and to ensure the safety of air navigation. Malta ATC will endeavour to provide traffic information to flights operating as General Air Traffic (GAT) under its control, in so far as practical, by means of a broadcast message transmitted on the sector concerned. The broadcast message will contain information based on intensity, general position and maximum operating levels of observed traffic on radar. However, Malta ATC may not always be in a position to monitor the unknown traffic and will therefore be unable to provide specific traffic information to single GAT flights. In the event of heavy military activity, Malta ATS may decide to re-route traffic and/or to issue ATFM regulations, as applicable.

2. Other potential hazards

2.1 Ascent of balloons for radio soundings and high altitude radar wind observations

Place of ascent	Time of ascent ¹	Max Weight	Length of unit	Rate of Ascent	Affected height	Time length of the	Notification to	Operator	Valid until
	UTC	kg	т	ft/min	m	sounding hours			
1	2	3	4	5	6	7	8	9	10
LAMPEDUSA (LICD) 353106N 0123750	DAILY 1200 (1100) ± 45 min 1700 (1600) ± 45 min 2300 (2200) ± 45 min	2	60	1000	30000	NIL	LICD TWR/APP	ENEA Stazione di Osservazioni Climatiche Loc. Capo Grecale, 92031 Lampedusa Tel. +39 0922 970884 / Cell +39 3204 794916 ENEA SSPT-PROTER- OEM Via Anguillarese 301 00060 S. Maria Galeria, Roma, Tel. +39 0630 483037	PERM

Remarks:

1. Information on real ascent can be requested directly to Lampedusa APP.

ENR-5.3 - 2 AIP 05 OCT 2023 MALTA

ENR 5.4 AIR NAVIGATION OBSTACLES — EN-ROUTE

(Height 100 M AGL or higher)

NIL

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ENR 5.5 AERIAL SPORTING AND RECREATIONAL ACTIVITIES

Designation and lateral limits	Vertical limits	Operator	Remarks and time of activity
1	2	3	4
PARAGLIDING Coast of Malta and Gozo	500 FT AGL SFC	Private Operators	This activity is not regulated and is unknown to ATC
MODEL AIRCRAFT FLYING Ta' Qali 355357.81N 0142453.00E — 355401.93N 0142447.83E — 355403.92N 0142450.49E — 355404.00N 0142453.56E — 355400.47N 0142458.20E — 355357.81N 0142453.00E	400FT AGL SFC	Malta Model Aircraft Flying Association	This activity is not regulated and is unknown to ATC Daily SR-SS
Hal Far 354854.25N 0143018.24E — 354910.00N 0143008.83E — 354911.87N 0143011.06E — 354857.35N 0143032.64E — 354854.25N 0143018.24E	400FT AGL SFC	Ħal Far Model Flying Association	This activity is not regulated and is unknown to ATC Daily SR-SS

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ENR 5.6 BIRD MIGRATION AND AREAS WITH SENSITIVE FAUNA

1. General

1.1 Intense bird activity occurs during the periods between March and May as well as between September and November. Various species of birds may transit over Malta, notably involving flocks of starlings, thrushes and turtle doves. Larger birds like hawks, buzzards, kites, egrets, cranes and sea gulls are also observed at times.

2. Area over the island of Filfla

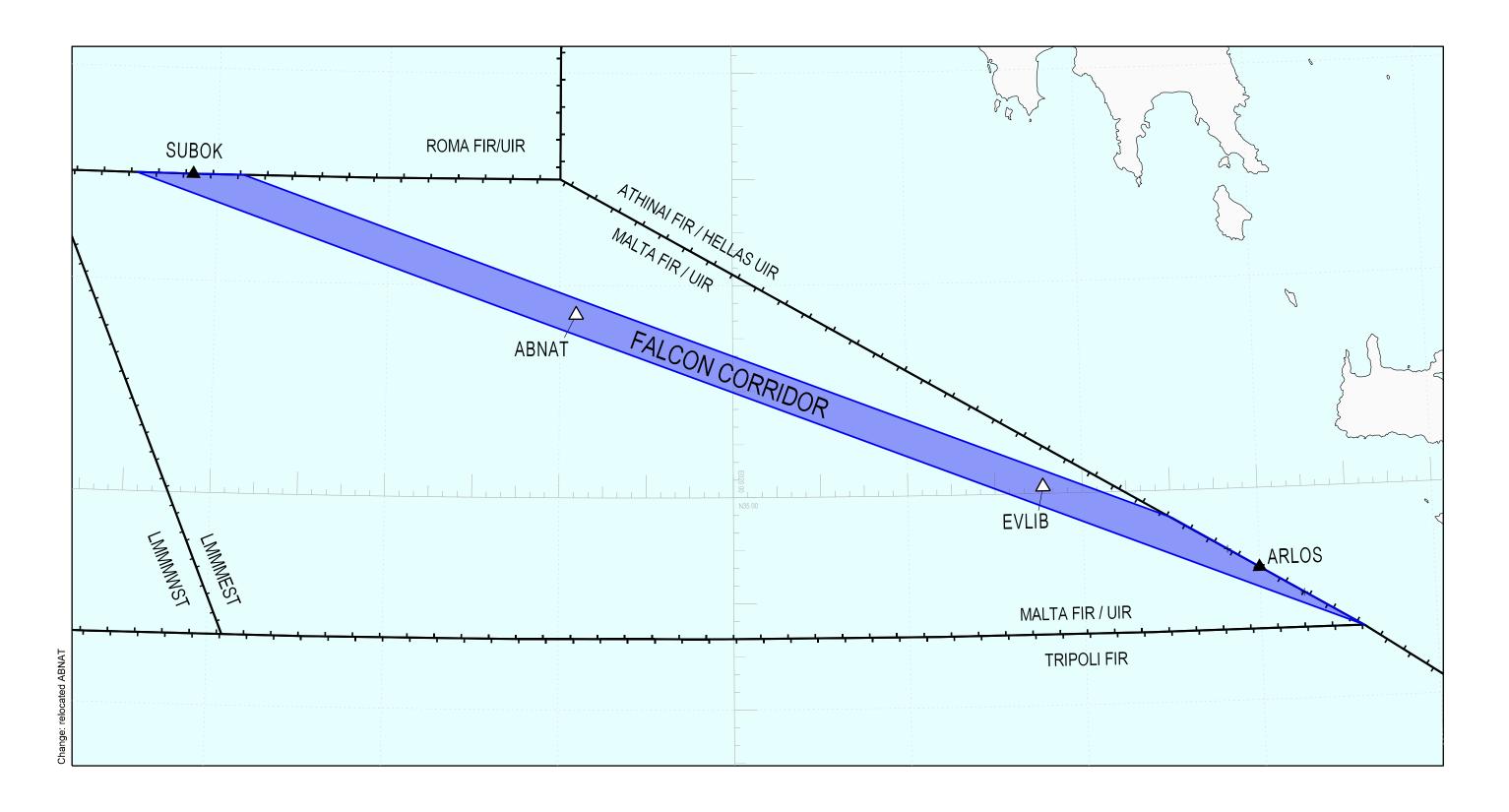
- 2.1 The Filfla Nature Reserve Act, Cap. 323 of 1988 has established all the surface area of the island of Filfla (354724N 0142430E *) as a protected nature reserve.
- 2.2 For this reason, pilots of low flying aircraft should, whenever possible, avoid flying over the island of Filfla. Apart from endangering aircraft by flying close to bird colonies, the breeding of birds may be upset and the practice should be avoided on conservation grounds.

ENR-5.6 - 1 03 APR 2014 ENR-5.6 - 2 AIP 03 APR 2014 MALTA

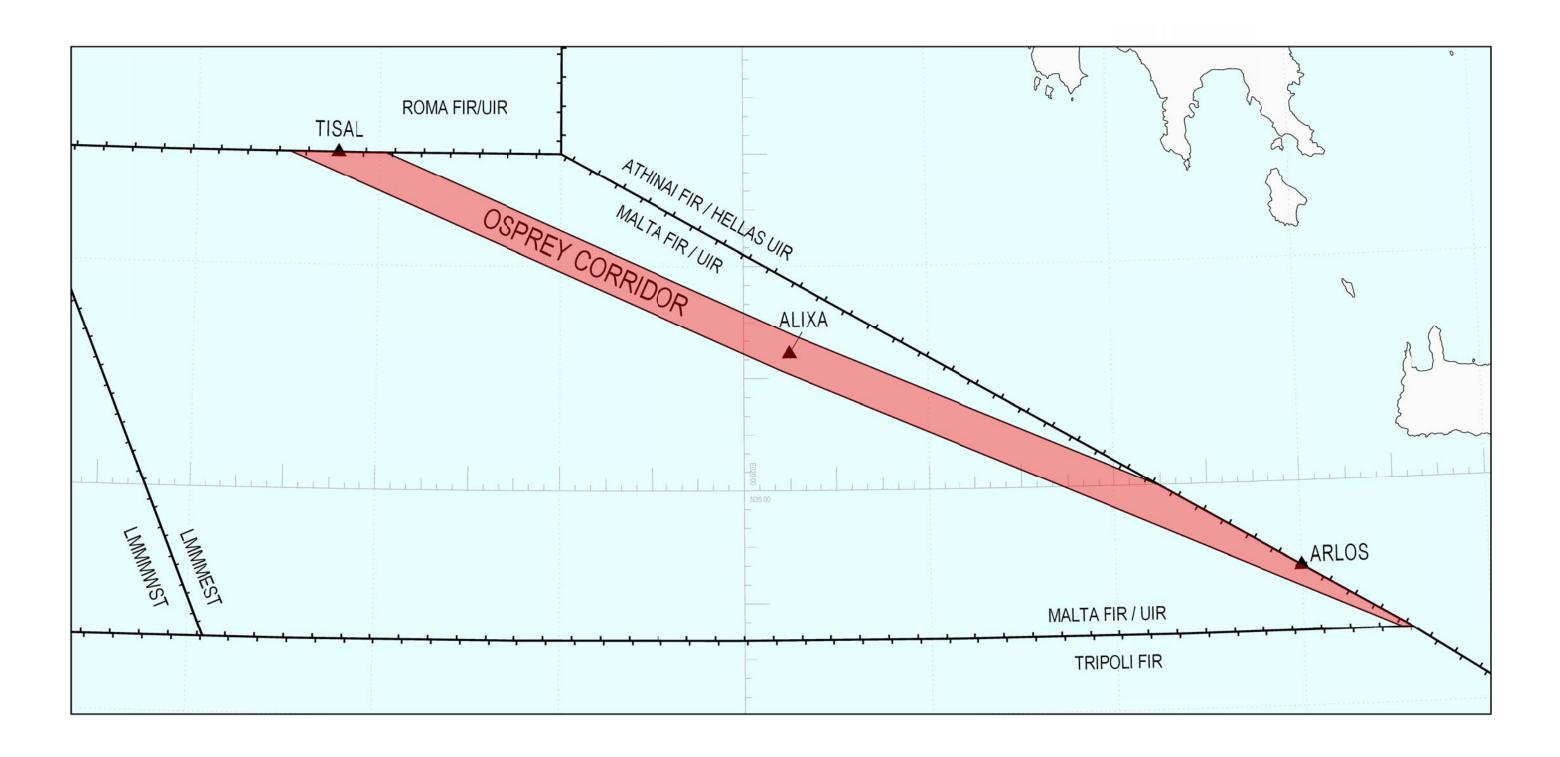
ENR 6 EN-ROUTE CHARTS

Title	Page
Falcon Air to Air Refuelling Corridor	ENR 6-LMMM-AAR-FALCON - 1
Osprey Air to Air Refuelling Corridor	ENR 6-LMMM-AAR-OSPREY - 1
Area Gannet	ENR 6-LMMM-TTA1 - 1
Area Albatross	ENR 6-LMMM-TTA2 - 1
Area Pelican	ENR 6-LMMM-TTA3 - 1
Danger and Prohibited Areas	ENR 6-LMMM-DA - 1
Luqa Terminal Control Area	ENR 6-LMMM-TMA - 1
LMMM Airspace Volume & Classification	ENR 6-LMMM-COA - 1
En-route Chart	ENR 6-LMMM-ERC - 1
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Lower ATS Routes — Malta FIR (East Sector)	ENR 6-LMMM-FIR-E - 1
Upper ATS Routes — Malta UIR (West Sector)	ENR 6-LMMM-UIR-W - 1
Upper ATS Routes — Malta UIR (East Sector)	ENR 6-LMMM-UIR-E - 1
En-route Transition Routes — LICD RWY 08	ENR 6-LMMM-ETR1 - 1
En-route Transition Routes — LICD RWY 26	ENR 6-LMMM-ETR2 - 1
FRA Malta Chart	ENR 6-LMMM-FRA - 1

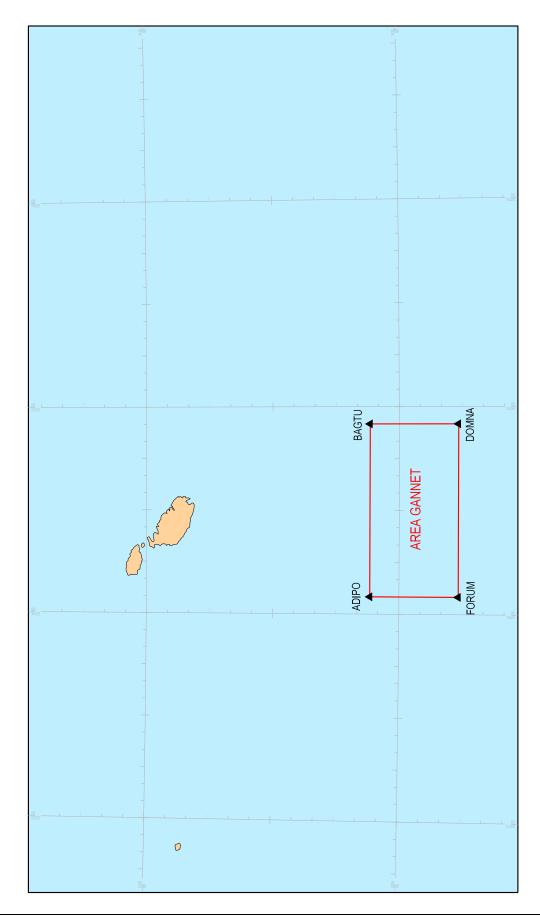
ENR-6 - 2 AIP 29 DEC 2022 MALTA



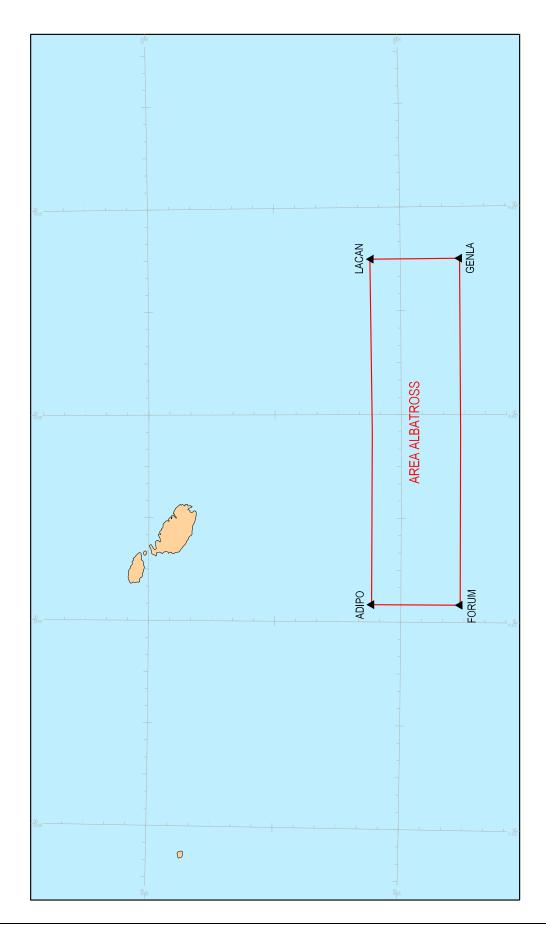
OSPREY AIR TO AIR REFUELLING CORRIDOR



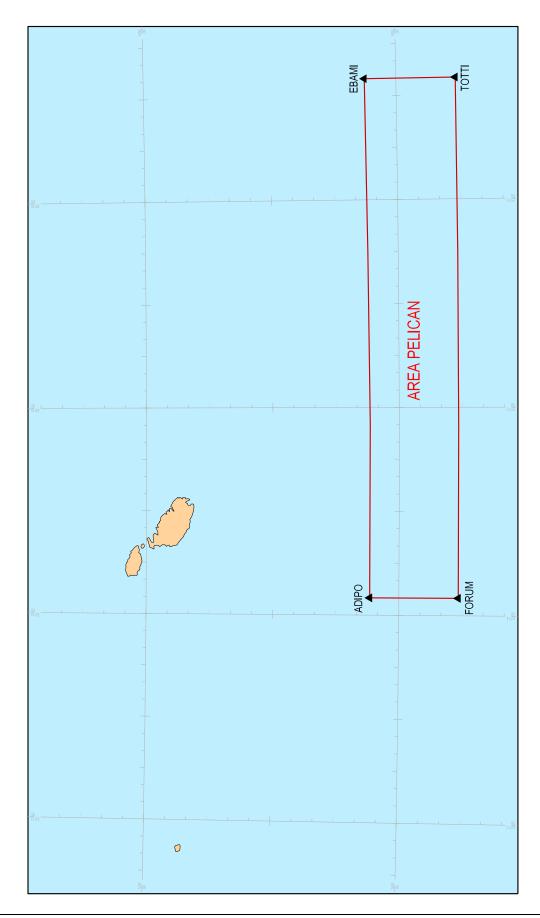
AREA GANNET



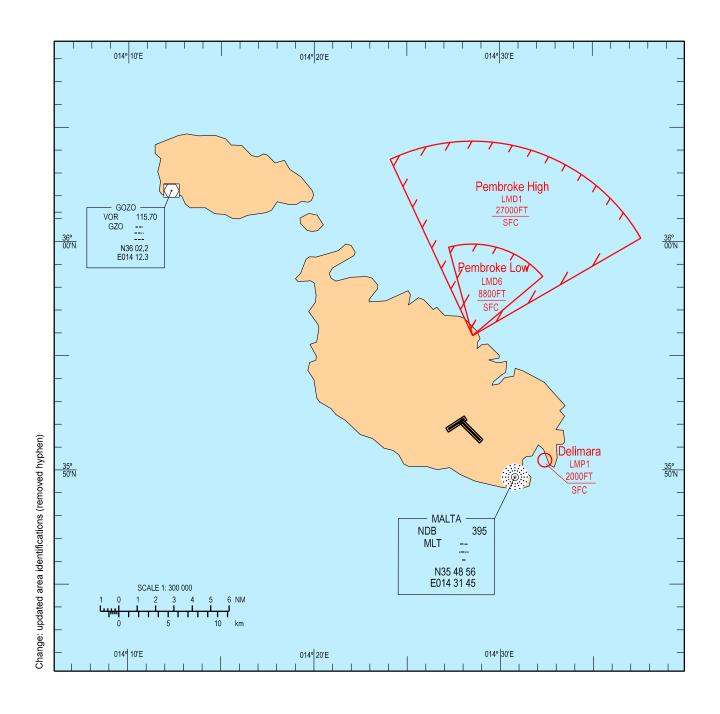
AREA ALBATROSS



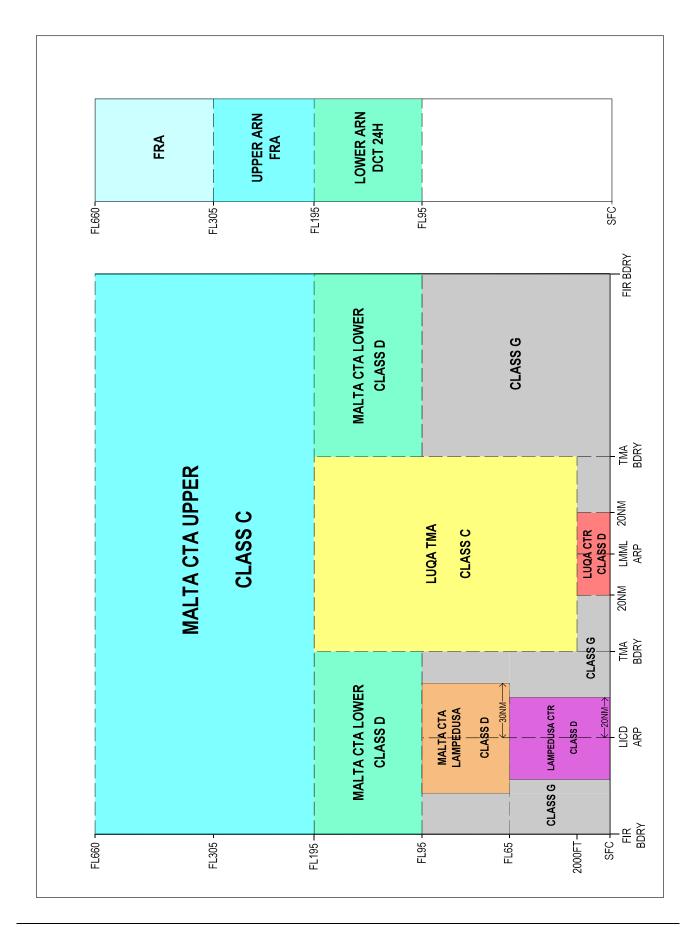
AREA PELICAN



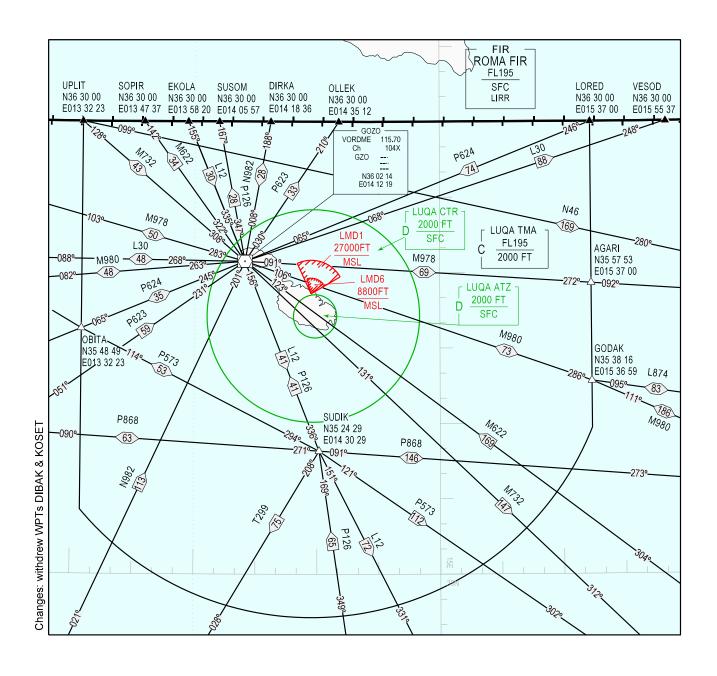
DANGER AND PROHIBITED AREAS



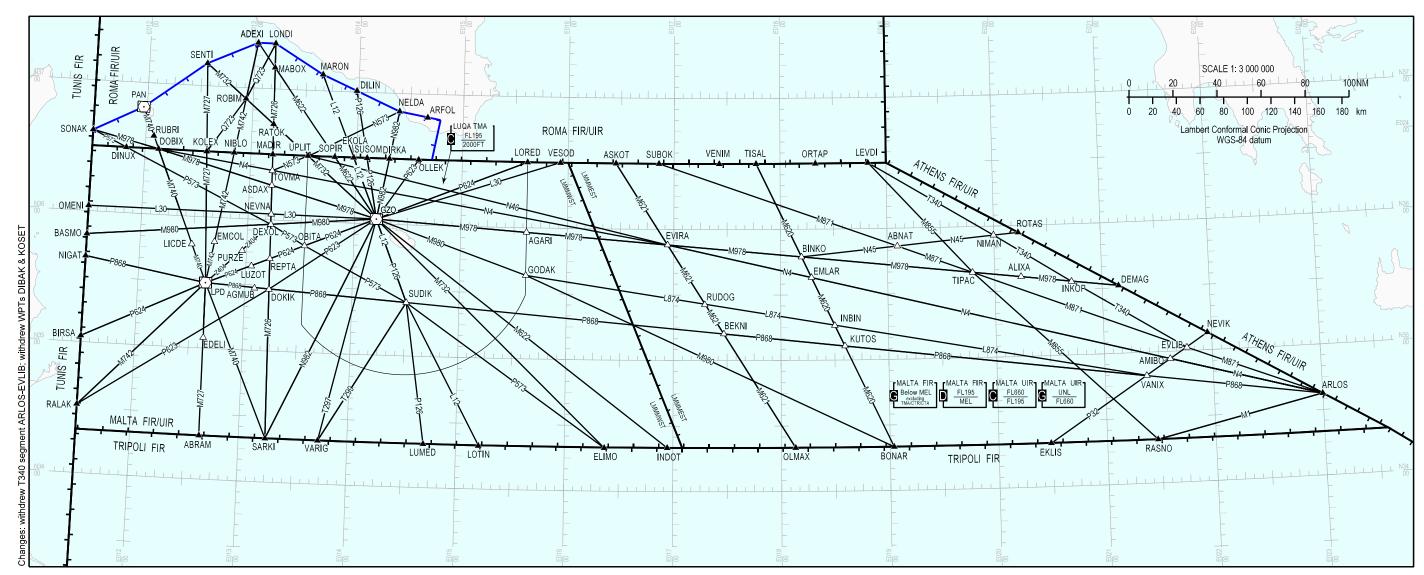
LMMM AIRSPACE VOLUME & CLASSIFICATION



LUQA TERMINAL CONTROL AREA

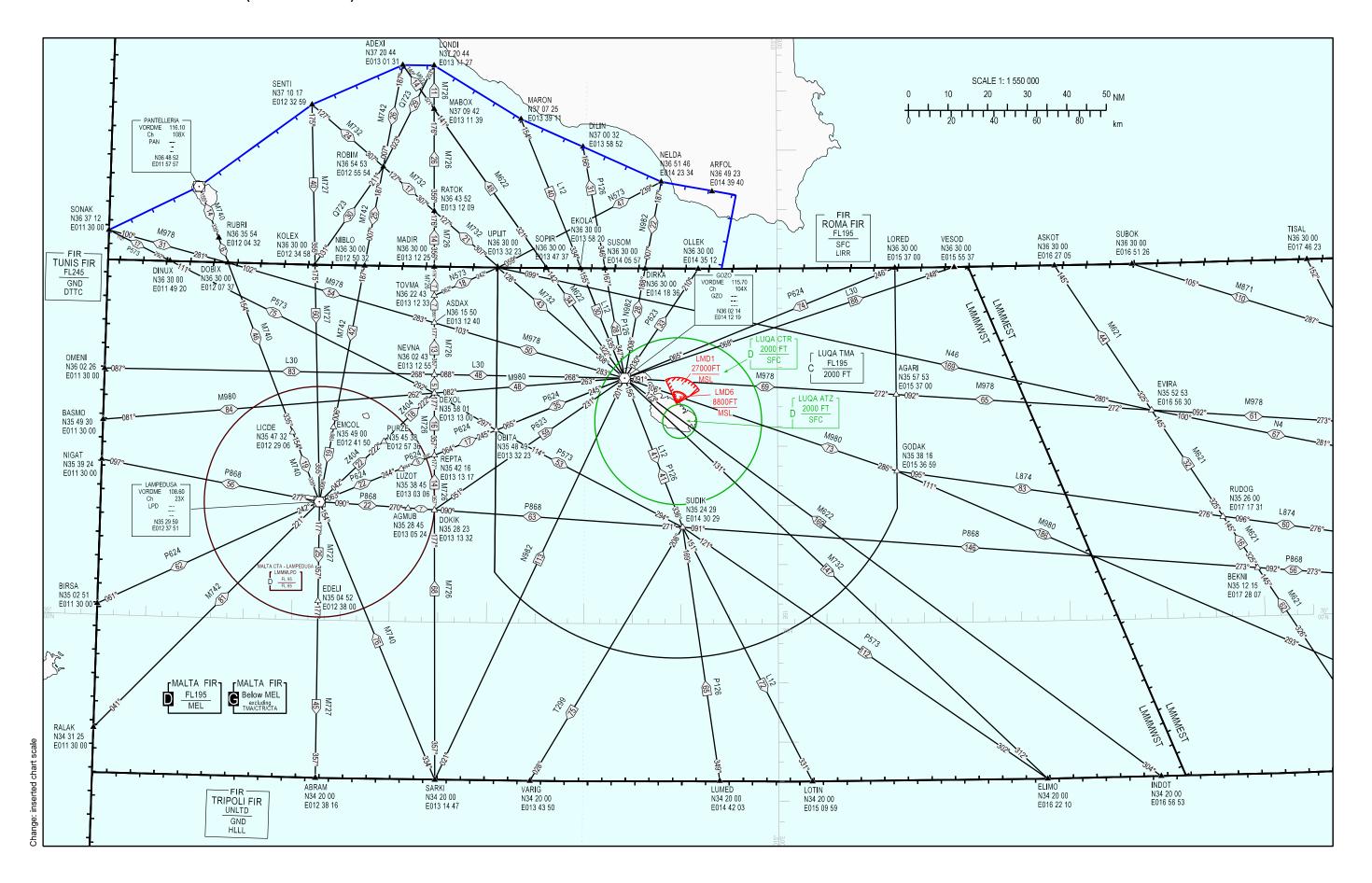


EN-ROUTE CHART

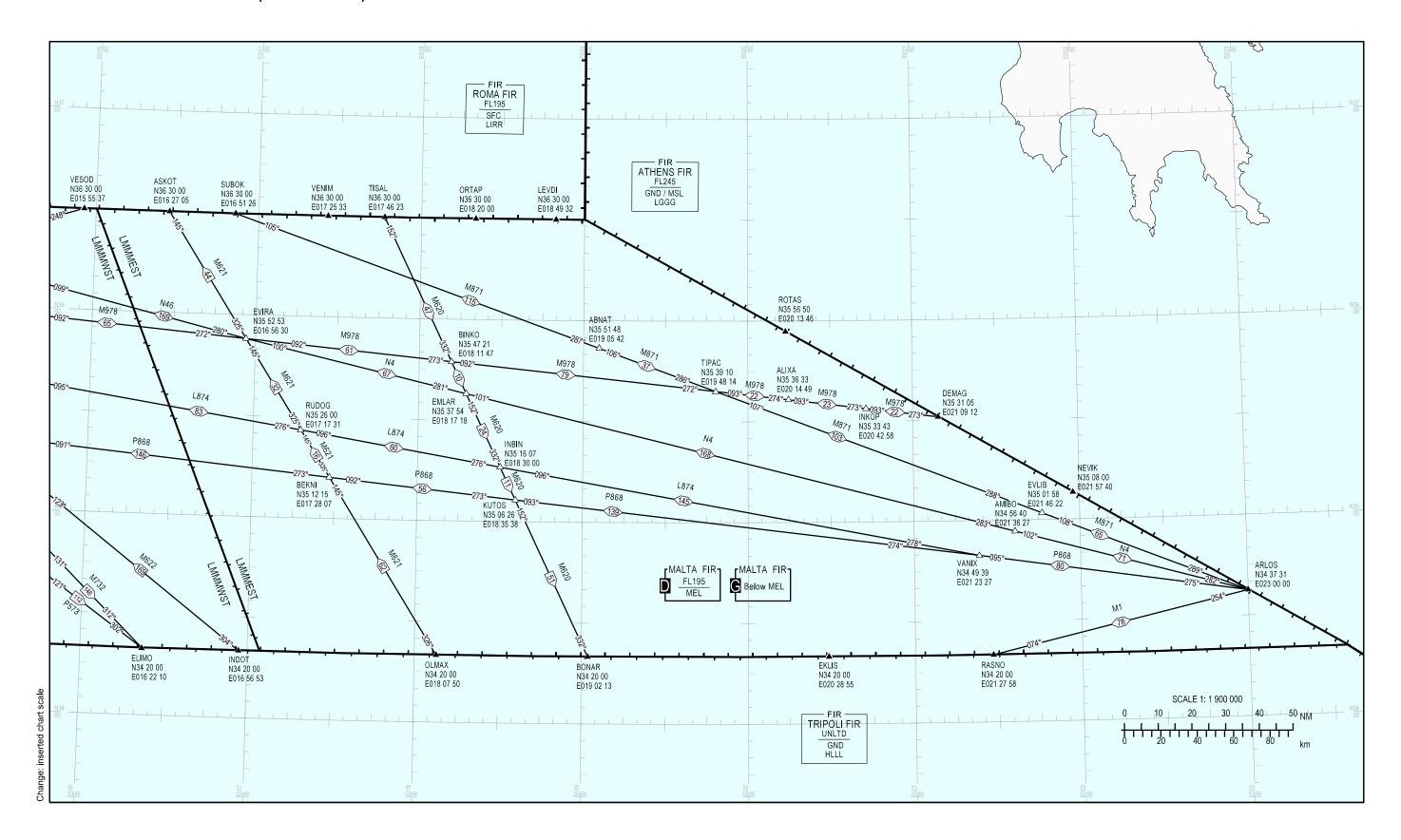


NOTE: The blue line denotes Italian Airspace that forms part of the Malta West Sector.

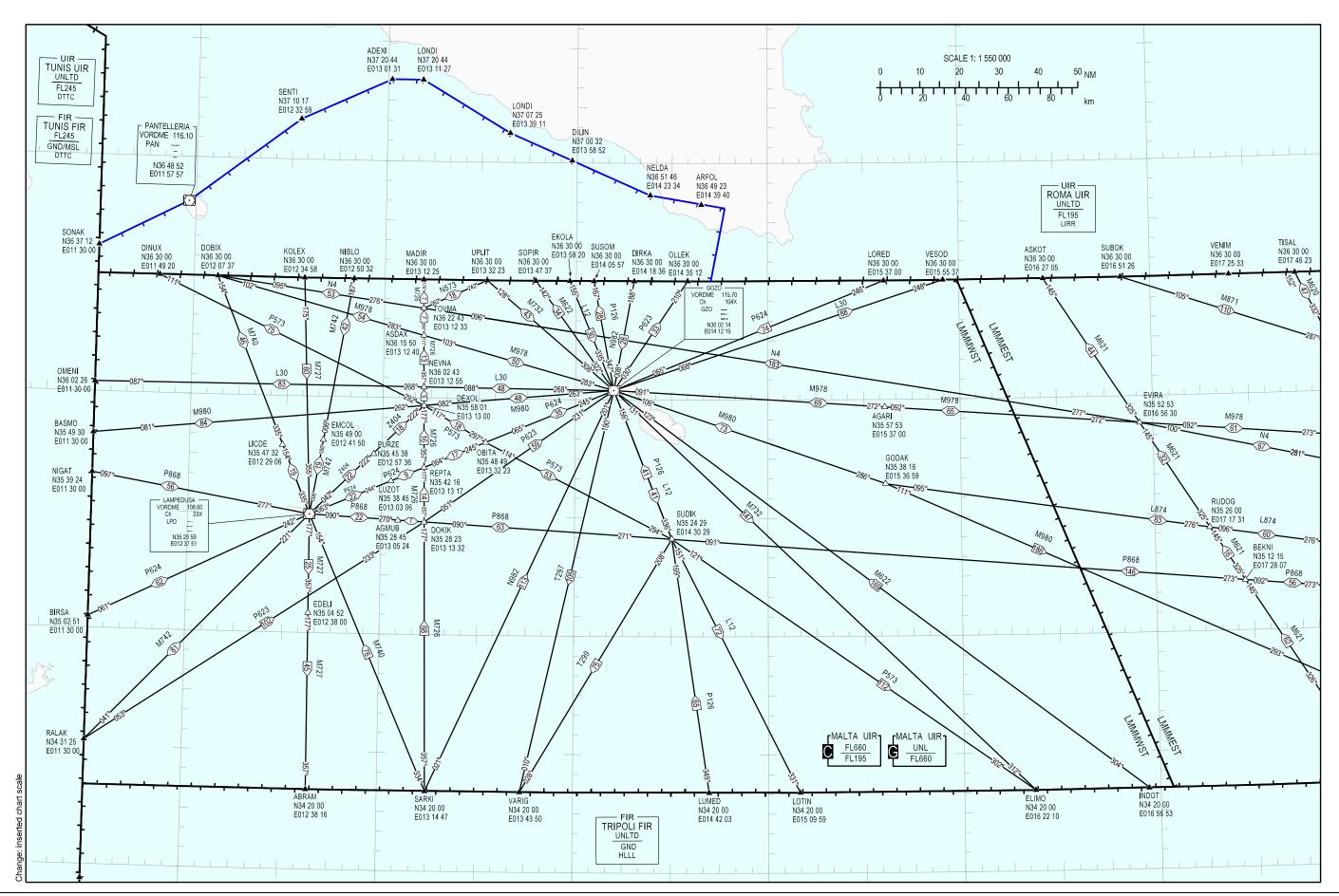
LOWER ATS ROUTES - MALTA FIR (WEST SECTOR)



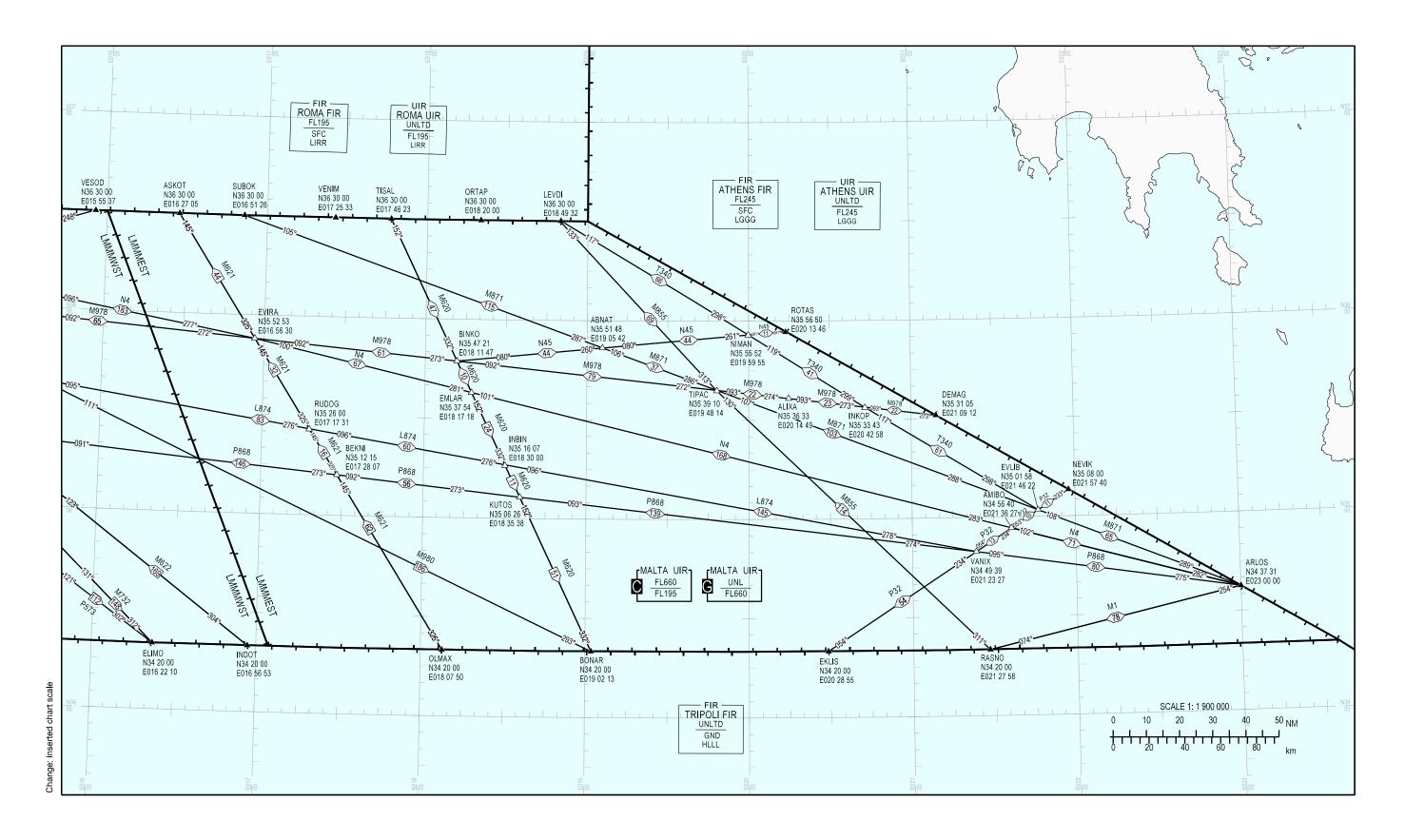
LOWER ATS ROUTES - MALTA FIR (EAST SECTOR)



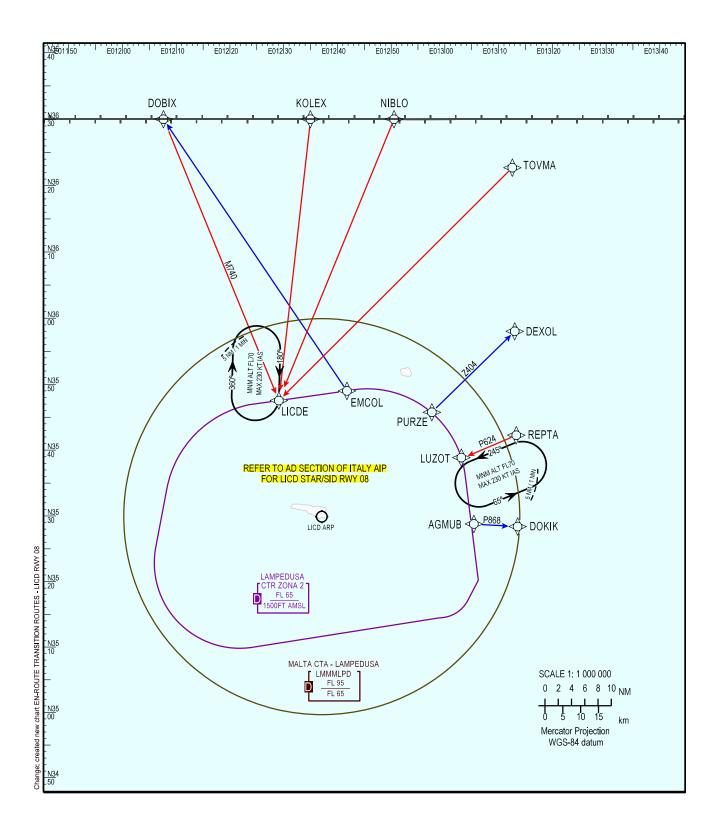
UPPER ATS ROUTES - MALTA UIR (WEST SECTOR)



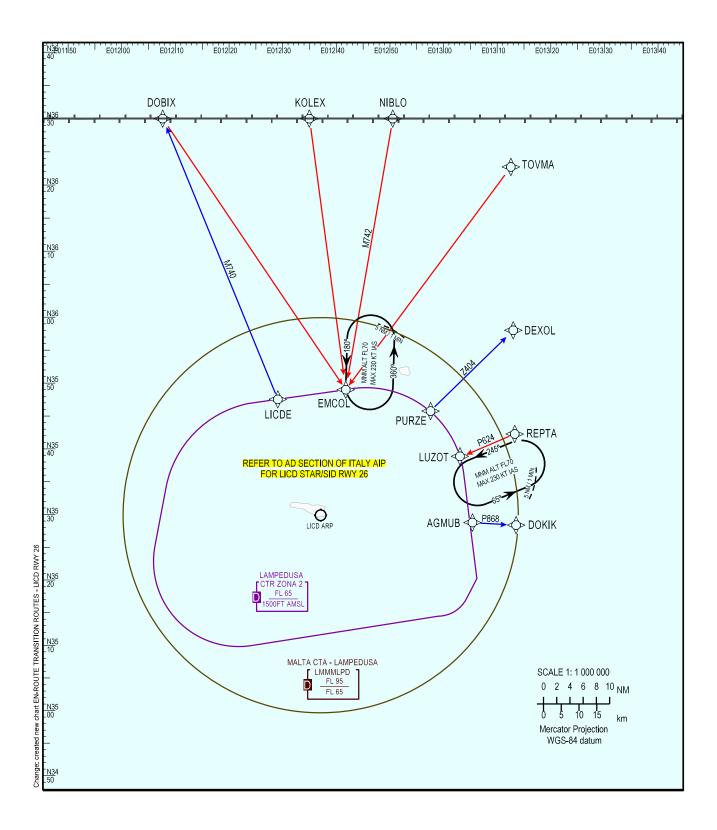
UPPER ATS ROUTES - MALTA UIR (EAST SECTOR)



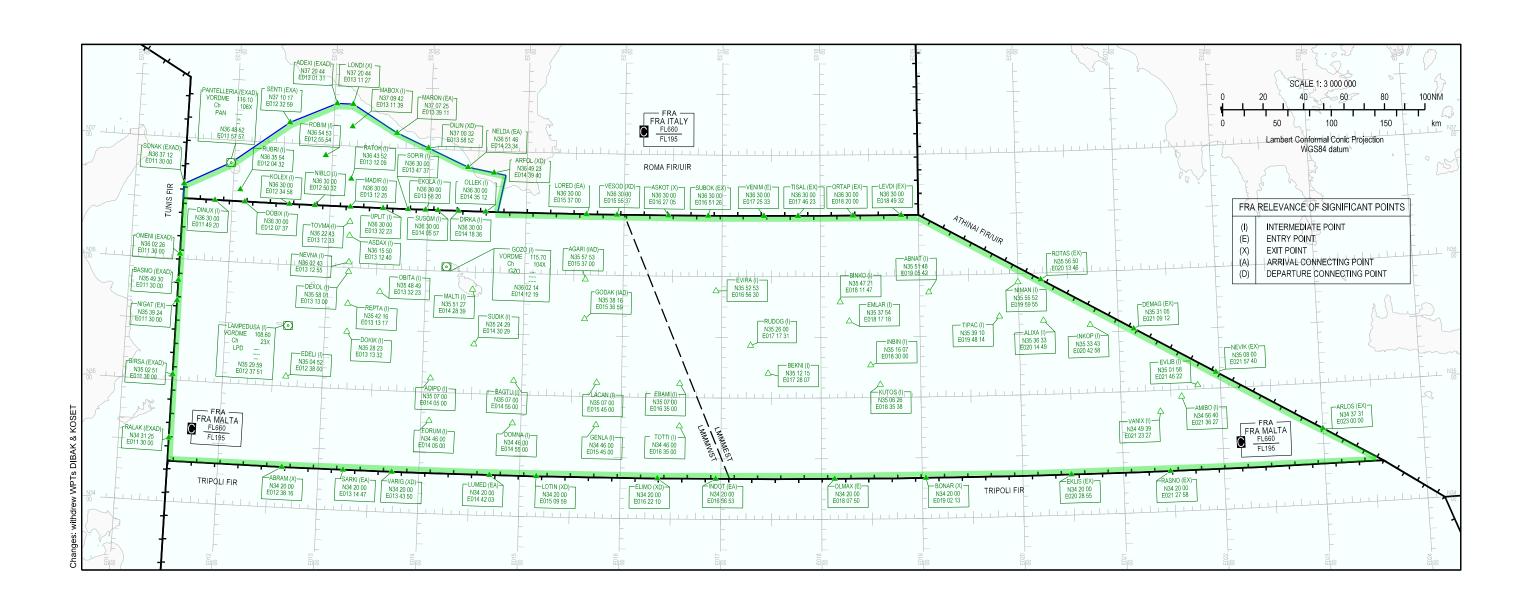
EN-ROUTE TRANSITION ROUTES — LICD RWY 08



EN-ROUTE TRANSITION ROUTES — LICD RWY 26



FRA MALTA CHART



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AD 0.1 Preface

Nil

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AD 0.2 Record of AIP Amendments

Nil

AD-0.2 - 2 AIP 03 APR 2014 MALTA

AD 0.3 Record of AIP Supplements

Nil

AD-0.3 - 2 03 APR 2014 AIP

AD 0.4 Checklist of AIP pages

Nil

AD-0.4 - 2 AIP 03 APR 2014 MALTA

AD 0.5 List of Hand Amendments to the AIP

Nil

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AD 1 AERODROMES/HELIPORTS - INTRODUCTION

AD 1.1 AERODROME/HELIPORT AVAILABILITY AND CONDITIONS OF USE

- 1. General conditions for the use of aerodromes/heliports and associated facilities
- 1.1 Runways 13 and 31 are each equipped with an Instrument Landing System which is flight checked to CAT II standards but certified for use only as CAT I.
- 1.2 State aircraft that are not equipped with FM immune VOR and/or ILS equipment in accordance with ICAO Annex 10, Vol. 10, Chapter 3, are permitted to operate in the Luqa TMA and at Luqa airport provided that they carry navigational and/or landing aids that provide similar navigational and/or positional accuracy as VOR and/or ILS.
- 1.3 The Aerodrome Operator, follows and applies the rules and regulations detailed within Commission Regulation (EU) 139/2014, laying down requirements and administrative procedures related to aerodrome pursuant to Regulation (EU) No. 2018/1139 of the European Parliament, and associated EASA guidance material.
- 1.4 Furthermore, the ICAO Standards and Recommended Practices contained in Annex 14, Volume I and II are applied without any significant differences.
- 2. Use of military air bases

NIL

- 3. Low visibility procedures (LVP)
- 3.1 Information relative to the low visibility procedures is detailed under LMML AD 2.23.
- 4. Aerodrome operating minima
- 4.1 New approach classification not yet transposed.
- 5. Other information

NIL

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AIP AD-1.2 - 1 MALTA 20 APR 2023

AD 1.2 RESCUE AND FIRE FIGHTING SERVICES AND RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING

1. Rescue and Fire Fighting Services

- 1.1 At Luqa Airport, Rescue and Fire Fighting Service is established in accordance with the regulations for civil aviation. Details of the extent of the service are given in AD 2.
- 1.2 Details of the categorisation of the service are given in the relevant sections and any temporary changes will be published by NOTAM.

2. Runway surface condition assessment and reporting

2.1 Organisation of runway surface condition reporting

- 2.1.1 The aerodrome operator is required to conduct periodic surveys of the friction characteristics of its runway surfaces, the purpose of which is to predict the need for maintenance to prevent unacceptable deterioration of grip.
- 2.1.2 A MU-meter device is regularly used at Luqa International Airport to determine and record continuously the runway friction coefficient. Measurements are taken on each side of the runway, as and when required, and on a scheduled basis.
- 2.1.3 The specified Minimum Friction Level (MFL) is 0.50µ. When a survey indicates that the runway surface friction characteristics have deteriorated below the specified MFL then the runway shall be notified by NOTAM as a runway that 'may be slippery when wet'.
- 2.1.4 At any point when the runway surface condition is not assessed as 'GOOD', the airport operator at the aerodrome, at which the runway surface condition reporting service is established, will conduct the following duties:
 - Surveillance of the movement area, with a view noting the presence of water, standing water and/or slush
 - b. Assessment of the runway surface condition when the runway-in-use surface is contaminated with water, standing water and/or slush and, as far as possible, taxiways and aprons.
 - c. Implementation of measures to maintain the usability of the runways, etc.
 - d. Reporting of the conditions mentioned in item (b) above.
- 2.1.5 Whenever the runway is not exposed to contaminants, the runway condition code will be reported as RWYCC 6 and surface condition as 'DRY'.

2.2 Surveillance of movement areas

2.2.1 The airport operator monitors the conditions of the movement area within the published aerodrome hours of service.

2.3 Surface condition assessment methods used

- 2.3.1 Runway 13/31 and Runway 23/05 are equipped with rainfall rate type sensors and in-pavement sensors installed on each runway which support Runway Condition Code algorithms and correlation data to refine the analysis.
- 2.3.2 The data output from these sensors provides means by which the following information is established:
 - a. Runway surface temperature
 - b. Percentage of each runway third that is covered by contaminant(s)
 - c. Type and depth of contaminant(s)
 - d. Reporting of runway surface condition code

AD-1.2 - 2 AIP 30 NOV 2023 MALTA

2.3.3 Data is collected and assessed for each runway third using the Runway Condition Assessment Matrix to generate the Runway Condition Code for each runway third.

- 2.3.4 When a downgrade or upgrade of the RWYCC is required, the aerodrome operator employs the following additional methodologies to supplement and correlate information derived from meteorological sensors:
 - a. Analysis of the trend of prevailing weather conditions
 - b. Runway inspections which include contaminant depth measurements and contaminant cover along the runway
 - c. Special air-reports
- 2.3.5 Mobile runway surface condition assessments, CFME and braking action tests, when executed, are made over the usable length of the runway at approximately 3m each side of the centreline.
- 2.3.6 CFME and braking action tests are executed in such a manner as to establish mean friction values along the expected aircraft wheel track along the usable length of the runway.

2.4 Actions taken to maintain the usability of the movement area

- 2.4.1 Runways, taxiways and aprons are designed to naturally drain surface water from the top of the pavement surface until it reaches the storm-water infrastructure. Limitations on the use of the runway including temporary closures may be imposed when natural drainage methods fail to relieve standing water contamination contributing to runway conditions codes of 1 or 2, as may be the case during persistent inclement weather conditions.
- 2.4.2 To the extent possible and where practical, when the surface contaminant predominantly constitutes of hail or slush, attempts will be made by the aerodrome operator to clear contaminants within a distance of 15m either side of the runway centreline.
- 2.4.3 Inspections of the storm-water system, including open culverts and spillways, is carried out every 6 months and covers storm water catchment systems serving the following:
 - a. Runway 13/31
 - b. Runway 23/05
 - c. Taxiways and Aprons

2.5 System and means of reporting

- 2.5.1 The meteorological service infrastructure provided by the aerodrome operator provides means of collecting, analyzing and reporting runway surface condition which is communicated continuously to Air Traffic Control Officers and to air crew via ATIS channels 127.405 (Arrivals) and 127.005 (Departures).
- 2.5.2 Reporting of runway surface condition code may also be carried out via radiotelephony transmission.
- 2.5.3 When sustained rainfall conditions result in excess of 25% of runway surface contamination and exceeding 3mm of depth, the runway surface condition will be additionally communicated via SNOWTAM.
- 2.5.4 When water, standing water and/or slush which trigger the promulgation of a SNOWTAM no longer prevail, the issuance of an upgrade SNOWTAM is submitted.
- 2.5.5 Runway condition information is reported relative to the lower runway designation number for each third of runways in use.

- 2.5.6 The following definitions have been adopted for runway surface condition communicated via ATIS and SNOWTAM:
 - a. Dry: A runway surface that is visibly free of moisture and not contaminated within the area intended to be used
 - b. Wet: A runway surface that is covered by any visible dampness or water up to and including 3mm depth.
 - c. Slippery Wet: A wet runway whose surface friction characteristics for a significant portion of it have been determined to be degraded.
 - d. Standing Water: Sustained rainfall at depth greater than 3mm.
 - e. Slush: Snow that is so water saturated that water would drain from it when a handful is picked up or will splatter if stepped on forcefully.
- 2.5.7 The extent of water, standing water and/or slush on a runway is reported based on an estimate of the covered area (third) and given as a percentage of the total area of the runway third, according to the following:

Assessed Percent Coverage	Reported Percent Coverage
<10	NR
10 - 25	25
26 - 50	50
51 - 75	75
76 - 100	100

2.5.8 Information on the runway surface condition is determined on the basis of the following runway condition codes:

Special air-report of runway braking action	Runway Condition Code
Good	5
Good to Medium	4
Medium	3
Medium to Poor	2
Poor	1
Less than Poor	0

2.6 Cases of runway closure

- 2.6.1 In cases when either of the following conditions results in a significant risk of a deteriorating situation, the airport operator is authorized to demand that sections of the movement areas be closed to aircraft traffic:
 - a. When falling temperature may cause water to turn into slush with runway surface condition equivalent to 1 or lower.
 - b. When significant or persistent rainfall results in the flooding of the movements areas.
 - c. Runway contaminant clearance activities.

2.7 Distribution of information about runway surface conditions

- 2.7.1 The airport operator is responsible for reporting changes in the condition of movement areas to:
 - a. The ATS unit at the aerodrome responsible for providing flight information service, and
 - b. The AIS unit on the aerodrome designated to receive such information for briefing purposes and for dissemination to all to whom the information is of direct operational significance.
- 2.7.2 When triggered, runway surface conditions are reported via ATIS (departure and arrival) when water is present on a runway and having a depth of 3mm or less not associated with slush.

AD-1.2 - 4 AIP 20 APR 2023 MALTA

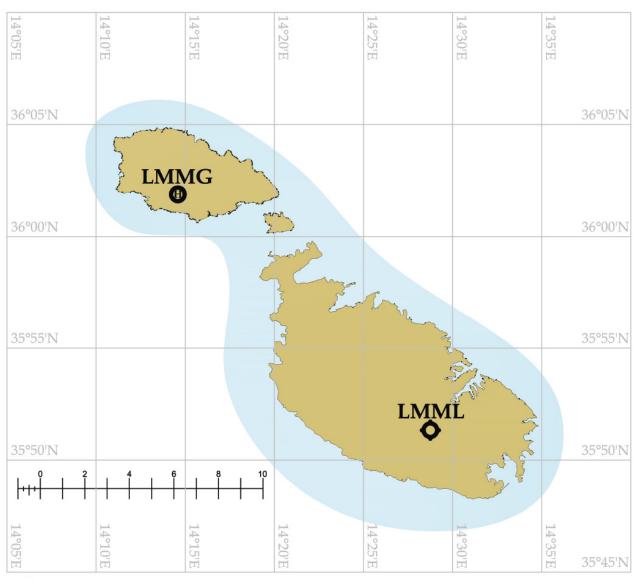
- 2.7.3 Runway surface conditions consisting of snow, ice, slush, frost or water associated with snow, slush, ice, or frost are also reported via SNOWTAM.
- 2.7.4 A NOTAM is issued when runway contaminants result in a runway surface description of slippery wet, describing the location of the affected portion.
- 2.7.5 When runways, taxiways and aprons are closed due to the runway surface condition code reaching 1 or lower, the airport operator will issue a SNOWTAM to the ATS unit, detailing the period when such a closure is effective.

AD 1.3 INDEX TO AERODROMES/HELIPORTS

AD/heliport name	Type of traffic permitted to use the aerodrome/heliport				
Location indicator	International- National (INTL-NTL)	IFR-VFR	S = Scheduled NS = Non-scheduled P = Private	Reference to AD Section and remarks	
1	2	3	4	5	
Aerodromes					
LUQA LMML	INTL-NTL	IFR-VFR	S-NS-P	AD 2 LMML	
Heliports		•			
GOZO HELIPORT LMMG ¹	NTL	VFR	NS-P (see note below)	AD 3 LMMG	
This location indicator cannot be used in the address component of AFS messages.					

Prior written permission for the use of the Gozo Heliport by any operator is to be requested, and obtained, from Gozo Heliport Ltd. Further details may be found in section AD 3.

Figure 1. AERODROMES AND HELIPORTS INDEX - CHART



International Aerodrome

National Heliport

AIP AD-1.4 - 1 MALTA 16 AUG 2018

AD 1.4 GROUPING OF AERODROMES/HELIPORTS

1. International aerodrome

1.1 Luqa Airport is the only aerodrome of entry and departure for international air traffic, where all formalities concerning customs, immigration, health, animal and plant quarantine and similar procedures are carried out and where air traffic services are available on a H24 basis.

2. National heliport

2.1 Gozo Heliport is unlicensed and available for domestic helicopter traffic only.

AD-1.4 - 2 AIP 16 AUG 2018 MALTA

AIP AD-1.5 - 1 MALTA 29 DEC 2022

AD 1.5 STATUS OF CERTIFICATION OF AERODROMES

1. Certified Aerodromes

1.1 According to Regulation (EU) 2018/1139 of the European Parliament and of the Council and Commission Regulation (EU) 139/2014 as well as Legal Notice 80 of 2004, the following aerodrome has been certified by CAD-TM:

Aerodrome Location Indicator Aerodrome reference code	Date of certification	Validity of certification	Remark
1	2	3	4
LUQA International Airport LMML 4E	DEC 2017	Perpetual	Certified by CAD-TM

AD-1.5 - 2 29 DEC 2022 AIP

AD 2 LMML - 1 12 JUN 2025

AD 2. AERODROMES

LMML — LUQA/International

LMML AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LMML — LUQA/International

LMML AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

7	Remarks	Airnort One	rator Website: www.maltairport.com
6	Types of traffic permitted (IFR/VFR)	IFR/VFR	
		SITA:	MLASLXH
		Email:	scm@maltairport.com
		Phone:	(356) 23 69 62 19
		Phone:	(356) 23 69 66 17
			Malta
			Luqa LQA 4000
			c/o Malta International Airport
			Schedule Facilitation
		SITA:	MLAHKXH
		Email:	aou@maltairport.com
		Phone:	(356) 23 69 61 68
		Phone:	(356) 23 69 61 59
			Malta
			Luga LQA 4000
			MIA Operations Duty Officer Malta International Airport
			MIA Operations Duty Office
		Email:	asu@maltairport.com
		Phone:	(356) 99 43 09 78 / 9
		Phone:	(356) 23 69 63 81
			Malta
			Luqa LQA 4000
			MIA Aerodrome Duty Officer Malta International Airport
			MIA Agradrama Duty Officer
		SITA:	MLAHKXH
		Email:	martin.dalmas@maltairport.com
		Phone:	(356) 99 42 41 90
		Phone:	(356) 23 69 65 32
			Malta
			Luqa LQA 4000
			Malta International Airport
			Head of Airport Operations
		Phone:	(356) 21 24 96 00
			Malta
			Luqa LQA 4000
	AFS, SITA		Malta International Airport
5	AD Administration, address, telephone, fax,		Chief Executive Officer
4	MAG VAR	3° E 2025;	annual rate of change: 4' E
3	Elevation/Reference temperature	297 FT / 32.5° C	
2	Direction and distance from Valletta	215°, 5 KM from Valletta	
			5" N 014°28'38.78" E MAG) / 175 M from THR RWY 13

LMML AD 2.3 OPERATIONAL HOURS

1	AD Administration	Malta International Airport MON – FRI: 0800 LT – 1700 LT Aerodrome Duty Officer: H24 Operations Duty Officer: H24
2	Customs and Immigration	H24
3	Health and sanitation	H24
4	AIS Briefing Office	H24
5	ATS Reporting Office (ARO)	H24
6	MET Briefing Office	H24
7	ATS	H24
8	Fuellling	H24
9	Handling	H24
10	Security	H24
11	Remarks	Nil

LMML AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Lift trucks, cargo loaders, various vehicles and equipment
2	Fuel types	JET A1 and AVGAS 100LL
		Oil, all types normally available
3	Fuelling facilities/capacity	Various fuelling trucks
		JET A1; Storage for 15,550,000 litres.
		AVGAS 100LL; Storage for 40,000 litres
		Fuel is provided by: ENEMED Co. Ltd. (356) 2124 4480
		UPLIFT International Ltd. (JET A1) (356) 2169 6992 / 2169 6993
4	Hangar space for visiting aircraft	Gulf Med Aviation Services available by prior request only for up to
-	Trangar space for visiting aircraft	Code B aircraft.
		Email: info@gulfmedaviation.com
		Phone: (356) 2278 5785
5	Repair facilities for visiting aircraft	Medavia - EASA Part 145 and FAA Line and Base Maintenance approvals for the following types: DHC-6 Twin Otter DHC-8 100/200/300/400 Dash 8 B200 King Air B1900 Airliner ATR42-200/300/400/500 ATR72-100/200 NDT all disciplines and support workshops. Hangarage available up to Code C aircraft. Email: maintenance@medavia.com.mt Phone: (356) 9923 3926 Maintenance Centre Malta Business Jets and Regional Aircraft Maintenance in an EASA Part 145 approved AMO: Cessna: 206, 500/501, 525 (CJ1, CJ2 & CJ3), 550/551, 550B, 560, 560XL,560XLS & 680. Bombardier LearJet: LJ 35/36, 40/45, 55 & 60 Bombardier Challenger: CL 300, 600, 601, 604, 605 & 850 (CL 600-2B16/19) Bombardier Global Express: Global 5000, Global XRS Gulfstream: 500/550 Hawker Beechcraft 200 series. Email: mla-engineering@mcm-airport.com.mt Phone: (356) 2397 8100

AD 2 LMML - 3 MALTA 31 OCT 2024

fo 32 E P P	asyJet Engineering Malta Ltd - Line and Base Maintenance capability or A318/319/320/321 series with CFM56 / IAE V2500 engines, A319/20/321 NEO with CFM LEAP-1A engines. Imail: maltasales@engineering.easyJet.com.mt Phone: (356) 2249 9400 Phone: (356) 9968 7266
B G G G Pi Ca C C	Addition Services - EASA Part 145 Line and Base Maintenance for Leonardo Helicopters AW139, Airbus Helicopters Maintenance for Leonardo Helicopters AW139, Airbus Helicopters (C135, Bell Helicopters Textron B412. Imail: info@gulfmedaviation.com Phone: (356) 2278 5785 Bravo Aircraft Technical Services (BATS) part of "SUM AVIATION BROUP" Approving authorities: EASA, ARUBA, CAYMAN, 2REG, TURKISH, BERMUDA. Capabilities: LINE / BASE limited to paint including NDT and sheetmetal repairs and towing. Types coverage: A320 CEO/NEO, A330, A340, B737CL/NG/MAX, B757, B767, B777, B787. Email: aog@batsaero.com Phone: (356) 9908 0050 Beneral Aviation Maintenance Malta (GAMM) Piston Engine aircraft EASA Part 145 Line and/or Base Maintenance apability for: Dessna 152/F152 Series (Lycoming), Cessna 172/F172 Series
(C Si D	Continental/Lycoming), Cessna 182/F182 Series (Lycoming), Cirrus R20/SR22/SR22T Series (Continental), Beech 58 Series (Continental), Diamond DA40 (Austro Engine/Lycoming), Diamond DA42 Series
Si (F	Austro Engine/Technify), Diamond DA62 (Austro Engine), Piper PA28 deries (Lycoming), Piper PA34 Series (Continental), Tecnam P92JS Rotax), Tecnam P2002JF (Rotax), Tecnam P2010 (Lycoming), Tecnam P2006T (Rotax), Garmin avionics and installations
P	Phone: (356) 2164 7888 Phone: (356) 7964 7885 Email: info@maltaflying.com
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	viation Services Handling Ltd.
	he Victoria Centre - Unit 2 ower Ground Floor
	'alletta Road
	Mosta MST9012
M	1alta
	Contact: Joe Bugeja
	Malta Station Manager
	Phone: (356) 7962 6213 Email: hdqmla@as-airport.it
	mail: j.bugeja@as-airport.it
	viaserve Ltd. 2.O. BOX 11
	falta International Airport
Lu	uqa LQA4000
	Malta
1 (2)	Contact: Operations Control Centre
	hone: (356) 2226 5960
P	Phone: (356) 2226 5960 Phone: (356) 7988 0818
P. P.	()
Pi Pi Si Ei	Phone: (356) 7988 0818

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7	GA Third Party Handling	DC Aviation L	td
'	GA Third Farty Handling		
		Malta International Airport	
		P.O. BOX 23, Gudja,	
		LQA 5000, Malta	
		Contact: Sandy Cassar Cardona	
		FBO Manager	
		Phone:	(356) 2369 6059
		Phone:	(356) 2137 5973
		Email:	dispatch@dc-aviation.com.mt
		URL:	https://www.dc-aviation.com.mt
		OINE.	mtps://www.uc-aviation.com.mt
		Francisco Ardi	ation Malta
		Executive Avia	
		Contact: Andre	· ·
		Managing Direc	
		Gate 1, Apron 3	
			on Park Malta International Airport,
		Luqa, Malta	
		Phone:	(356) 9990 0747
		Email:	ops@executivefbo.com
		URL:	www.executivefbo.com
		Mediterranean	Aviation Co. Ltd.
			nd Handling Services
		Safi Aviation Pa	
		Carmelo Carua	,
			illa Roau,
		Safi, Malta	Danlaur
		Contact: Daren	
			ng & Charter Sales Manager
		Phone:	(356) 2249 0120
		Email:	flightops@medavia.com.mt
		URL:	http://www.medavia.com
8	Fuel Ground Handling Service Providers	Enemed Co. L	td.
		31 st March 197	9 Installation,
		Sacred Heart P	
		Birżebbuga, BBG 1604,	
		Malta	,
		Contact: Ing. Allan Micallef	
		Chief Corporate	
		Phone:	(356) 2220 8204
		Email:	allan.v.micallef@enemed.com.mt
			_
		URL:	www.enemed.com.mt
_			
		UPLIFT Interna	
		53, Tanks Stree	
		Birżebbuġa, BE	3G 1719,
		Malta	
		Contact: Gabrie	
		General Manag	
		Phone:	(356) 2169 6992
		Phone:	(356) 2169 6993
		Phone:	(356) 7969 6997
-		Email:	gabriele.valzecchi@uplift-malta.com.mt
		Liliali.	administration@uplift-malta.com.mt
		LIDI.	- ·
		URL:	https://www.uplift-intl.com
9	Remarks		rs requesting an airport slot at MIA are expected to
		indicate their p	preferred ground handler. Whenever a handler is not
			will be assigned to the respective movement by MIA.
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LMML AD 2.5 PASSENGER FACILITIES

1	Hotels	Adequate accommodation at a short distance from the airport	
2	Restaurants	At AD and in surroundings	
3	Transportation	Buses, taxis and car hire from the AD	
4	Medical facilities	First aid at AD, hospitals in Malta	
5	Bank and Post Office	Major banks and Foreign exchange (H24) Post office is open from Monday to Saturday between 0730 and 1245 (LT)	
6	Tourist Office	Malta Tourist Office Phone: (356) 2291 5513 Phone: (356) 2291 5508 Email: info@visitmalta.com URL: https://www.visitmalta.com/en/info/tourist-information-offices/	
7	Remarks	Nil	

LMML AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	H24: CAT 9	
2	Rescue equipment:	1	
	Utility Vehicle and Light trailer:	1 x Peugeot Partner Utility vehicle containing the following items: Shovels Brooms Sand Absorbent material Detergent Tarp which can also be converted into a 125 L catchment tray Filter masks Disposable gloves Chemical gloves Half face filter masks Cones Tyvek Suits Disinfectant wipes Multi-purpose ladder	
		Items on Light Trailer: Generator Flood lights Multi-purpose pump Cones	
	Fire Station:	Stretcher trolley x 1	
	Fire Fighting Vehicles:	Rosenbauer Panther A-146 6x6 (x2): • Water Capacity (I): 12,500 (each) • Foam Concentrate Capacity (I): 1,500 (each) • Maximum Solution Discharge rate (I/min): 8,000 @ 10 bar (each) • Dry Powder (kg): 225 (each) • CO2 Trolley (kg): 10 (each) • Breathing Apparatus: 3 complete (each) • Auxiliary Equipment: Various (each) Rosenbauer Panther A-148 8x8 (x1): • Water Capacity (I): 15,000 • Foam Concentrate Capacity (I): 1,800 • Maximum Solution Discharge rate (I/min): 10,000 @ 10 bar	
		 Capability: High reach extendable turret with piercing tool Dry Powder (kg): 225 CO2 portable fire extinguishers (kg): 9 (x2) Breathing Apparatus: 3 complete Auxiliary Equipment: Various 	
		Rosenbauer Buffalo RIV 2800/3000 (x1): Water Capacity (I): 2,500 Foam Concentrate Capacity (I): 300 Maximum Solution Discharge rate (I/min): 2,800 @ 10 bar Dry Powder (kg): 250 Breathing Apparatus (kg): 3 complete Lukas Rescue Set: Complete Ancillary Equipment: Various Radioactive Survey Meter: Alnor RDS for 100/1 Thermal Image Camera	
	Portable Pump:	Fire fighting Nissan Trailer pump (x1)	
4	Capability for removal of disabled aircraft Remarks	Various tools are available for this purpose Channel 121.705 is reserved for use by airport emergency services for aerodrome surface communications between fire services and aircraft on the ground.	

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LMML AD 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING

1	Types of clearing equipment	Mechanical sweepers (x2)
2	Clearance priorities	 Runway in use over a width of 15M, left and right of the centreline Intersection TWY C, D, E, F TWY A, H, J
3	Use of material for movement area surface treatment	Not applicable
4	Specially prepared winter runways	Not applicable
5	Remarks	For Runway Condition Report refer to AD 1.2

LMML AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Apron 2	PCN 65/F/B/X/U Up to Code C
		Apron 3	PCN 45/R/B/X/U General Aviation up to Code C
		Apron LTM	PCN 100/R/A/W/T Parking up to Code F reserved for LTM maintenance operations
		Apron 5	PCN 40/F/C/Y/U Up to Code A
		Apron 6	PCN to be surveyed Up to Code C
		Apron 7	PCN 50/F/D/X/U AFM ramp
		Apron 8 (Stands 29 - 34)	PCN 45/R/B/Y/U Up to Code C
		Apron 8 (Stands 17 - 28)	PCN 100/R/A/W/T Up to Code E
		Apron 9	PCN 100/F/B/X/U Up to Code F
		Aprons LSP/USP	PCN 100/F/B/X/U
		Apron EEM	PCN 55/R/A/X/T Parking up to Code E reserved for easyJet maintenance operations

ı	2 Taxiway width,	TIAN/ A D	DEM DON 100/E/D/V/LL
	TWY surface and	TWY A, B	25M, PCN 100/F/B/X/U Up to Code E ¹
	strength	TWY B (between Hold B and USP), BN, BS	17M, PCN 100/F/B/X/U Up to Code E ¹
		TWY C, D, E and F	23M, PCN 100/F/B/X/U Up to Code E ¹
		TWY G	31M, PCN to be surveyed Up to Code E ¹
		TWY H, HN and HS	23M, PCN 100/F/B/X/U Up to Code E ¹
		TWY J	15M, PCN 80/F/C/X/U Up to Code C
		TWY K	18M, PCN 80/F/C/X/U Up to Code C
		TWY L (between THR RWY 05 and Apron EEM)	18M, PCN 65/F/B/X/U Up to Code C
		TWY L (between Apron EEM and TWY S)	25M, PCN 53/F/BW/T Up to Code E
		TWY P	15M, PCN 50/F/D/X/U Up to Code C
		TWY Q	18M, PCN 50/F/D/X/U Up to Code C
		TWY R	18M, PCN 65/F/B/X/U Up to Code C
		TWY S	25M, PCN 100/F/B/X/U Up to Code E ¹
		TWY T (between stands 17 and 28)	23M, PCN 85/F/A/W/T Up to Code E
		TWY T (between stands 29 and 34)	23M, PCN 45/R/B/Y/U Up to Code C
		TWY Y	10.5M, PCN 50/F/B/Y/U Up to Code B
		TWY Z1	26M, PCN 100/F/B/X/U Up to Code E
		TWY Z2	45M, PCN 75/F/D/X/U Up to Code C
	Taxilane surface and strength	Taxilane BL	PCN 100/F/B/X/U Up to Code E
		Taxilane M	PCN 65/F/B/X/U Up to Code B
		Taxilane MB	PCN 65/F/B/X/U Up to Code B ²
		Taxilane N	PCN 45/F/C/X/U Up to Code B ^{.3}
		Taxilane P	PCN 50/F/D/X/U Up to Code C
		Taxilane PA	PCN 40/F/C/Y/U Up to Code A
		Taxilane T, U and W	PCN 100/F/B/X/U Up to Code E
		Taxilane V	PCN 100/F/B/X/U Up to Code D
	Notes:	 Taxiways A, B, BN, BS, C, D, E, F, G, H, HN, HS and S available for Code F aircraft subject to prior approval by the aerodrome operator. Taxilane MB between Stands 15C and 17C on Apron 2 available for aircraft up to Code C. Taxilane N available for Code C aircraft allocated on Apron 3 Stand 14C. Taxiway T between Taxiway H and Apron 8 Stand 34 available for aircraft up to Code D. 	
ı	AIDAC AMDT 073/2026		Aviation Directorate — Transport Malta

	3	Altimeter check	Location:	Elevation:
		location and elevation	The stand area immediately in front of the Terminal building on Apron 9	243 FT
			Apron 2	246 FT
			Apron 3	249 FT
			Apron LTM	254 FT
			Apron 5	281 FT
			Apron 6	265 FT
			Apron 8	250 FT
			Apron 9	239 FT
I			Apron EEM	269 FT
	4	INS Checkpoints	See INS Checkpoints table below	
	5 Remarks		Nil	

		INS CH	ECKPOINTS
Aircraft Stand	WGS 84	Aircra	
	APRON 2		
1	355133.30 N	0142837.39 E	1
2	355134.19 N	0142836.28 E	2
3	355135.08 N	0142835.17 E	3
4	355135.98 N	0142834.07 E	4A
5	355136.87 N	0142832.96 E	5A
6	355137.76 N	0142831.85 E	6A
7	355138.66 N	0142830.75 E	7A
8	355139.55 N	0142829.64 E	8A
9	355140.54 N	0142831.97 E	9A
10	355139.35 N	0142833.45 E	10B
11	355138.15 N	0142834.57 E	11B
12	355136.98 N	0142836.60 E	13A
13	355136.06 N	0142838.47 E	14C
14	355134.92 N	0142839.94 E	
15C	355137.45 N	0142836.51 E	Aircra
16C	355136.42 N	0142838.97 E	
17C	TO BE	SURVEYED	1A
L			J

Aircraft Stand	tand WGS 84 co-ordinates							
	APRON 5							
1	TO BE SI	JRVEYED						
2	TO BE SI	JRVEYED						
3	355111.05 N	0142823.26 E						
4	355110.75 N 0142822.79 E							
5	355110.45 N 0142822.32 E 355110.14 N 0142821.85 E							
6								
7	355109.84 N	0142821.38 E						
8	355109.54 N 0142820.91 E							
9	TO BE SURVEYED							
10	TO BE SURVEYED							
11	355108.64 N	0142819.50 E						

Aircraft Stand WGS 84 co-ordinates							
APRON 3							
1	355129.19 N	0142825.12 E					
2	355130.23 N	0142825.10 E					
3	355131.26 N	0142825.08 E					
4A	355132.01 N	0142824.99 E					
5A	355132.50 N	0142824.60 E					
6A	355132.99 N	0142824.21 E					
7A	355133.47 N	0142823.82 E					
8A	355133.96 N	0142823.42 E					
9A	355134.45 N	0142823.03 E					
10B	355129.76 N	0142823.09 E					
11B	355128.74 N	0142823.17 E					
13A	355128.29 N	0142825.46 E					
14C	355129.79 N	0142825.14 E					

Aircraft Stand	WGS 84 co-ordinates					
APRON LTM						
1A	355123.30 N	0142816.74 E				
1B	355120.87 N	0142812.01 E				

Aircraft Stand	WGS 84 co-ordinates				
APRON 6					
1	TO BE SURVEYED				
2	TO BE SURVEYED				

Aircraft Stand	WGS 84 co-ordinates						
APRON 8							
17	355104.37 N	0142922.57 E					
18	355102.40 N	0142924.79 E					
19	355104.16 N	0142922.61 E					
20	TO BE SURVEYED						
21	355105.19 N 0142921.34 E						

INS CHECKPOINTS						
Aircraft Stand	WGS 84	co-ordinates		Aircraft Stand WGS 84 co-ordina		
	APRON 8				APRON 9	
22	355106.95 N	0142919.15 E		4	355055.30 N	0142940.37 E
23	TO BE	SURVEYED		5	355053.60 N	0142942.48 E
24	TO BE	SURVEYED		6	355052.00 N	0142944.60 E
25	TO BE	SURVEYED		7	TO BE S	SURVEYED
26	Una	assigned		7M	355049.14 N	0142947.33 E
27	TO BE	SURVEYED		8	TO BE SURVEYED	
28	TO BE	SURVEYED		8L	355049.83 N	0142946.03 E
29	TO BE	SURVEYED		9	355047.34 N	0142941.58 E
30	355115.19 N	0142906.58 E		9L	TO BE SURVEYED	
31	355116.89 N	0142904.56 E		9R	TO BE S	SURVEYED
32	355118.56 N	0142902.49 E		10	355049.15 N	0142939.50 E
33	355120.21 N	0142900.44 E		11	355049.47 N	0142938.18 E
34	355122.33 N	0142858.33 E		12	355050.55 N	0142937.79 E
Aircraft Stand	WGS 84	co-ordinates		13	355052.12 N	0142935.82 E
	APRON 9			14	355052.44 N	0142934.50 E
1 TO BE SURVEYED			15	355053.51 N	0142934.10 E	
1L	355058.87 N	0142934.70 E		16	355055.18 N	0142931.87 E
2	355058.74 N	0142936.09 E		16L	TO BE S	SURVEYED
3	355057.05 N	0142938.19 E		16R	TO BE S	SURVEYED

LMML AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and guide lines on aircraft stands	Lighted aircraft stand ID signs on Apron 9 Standard markings
2	RWY and TWY markings	Threshold, centreline and runway designators – all runways Touchdown zone markings – all runways Aiming points – all runways Edge markings – all runways Taxiway holding positions – all taxiways Taxiway centrelines – all taxiways
3	Holding points	All taxiways
4	Remarks	Nil

LMML AD 2.10 AERODROME OBSTACLES

	In circling area and at AD								
OBST ID/ Designation	OBST Type	OBST position	ELEV (FT)	Markings/ Type, colour	Remarks				
а	b	С	d	е	f				
LMMLOB001	ATC Tower 1	355113.03N 0142838.44E	358.79	LGTD					
LMMLOB002	Building (Portomaso)	355519.32N 0142932.25E	444.36	LGTD					
LMMLOB003	Building (Barumbara Siġġiewi)	354952.46N 0142624.49E	474.97						
LMMLOB004	Building (Palace Verdala)	355142.01N 0142401.97E	812.80	LGTD					
LMMLOB005	Building (Verdala Mansions)	355241.73N 0142412.25E	750.49						
LMMLOB006	Chapel (San Niklaw Siġġiewi)	355006.98N 0142628.90E	470.90						
LMMLOB007	Chapel (Ta' Loretu)	355030.00N 0143002.45E	314.71	LGTD					
LMMLOB008	Church (Luqa)	355137.24N 0142920.14E	379.23	LGTD					
LMMLOB009	Church (Notabile Cathedral)	355311.06N 0142414.94E	771.85	LGTD					

	In circling area and at AD						
OBST ID/ Designation	OBST Type	OBST position	ELEV (FT)	Markings/ Type, colour	Remarks		
a	b	С	d	е	f		
LMMLOB010	Church (Qrendi)	355004.02N 0142726.69E	462.89				
LMMLOB011	Church (Safi)	355001.82N 0142900.96E	411.06				
LMMLOB012	Church (Siġġiewi)	355116.84N 0142616.99E	528.42				
LMMLOB013	Church (Żebbug)	355216.61N 0142632.19E	427.23				
LMMLOB014	Church (Żurrieq)	354949.84N 0142830.71E	462.17				
LMMLOB021	Mast (Ħal Far)	354856.00N 0143047.00E	298.55	LGTD			
LMMLOB023	Mast (Nigret 1)	354921.97N 0142822.23E	568.11				
LMMLOB024	Mast (Nigret 2)	354922.74N 0142826.15E	565.35				
LMMLOB025	Mast (Nigret 3)	354925.03N 0142823.45E	570.60				
LMMLOB026	Mast (Nigret 4)	354919.41N 0142823.46E	524.11				
LMMLOB027	Mast (Ta' Kandja 1)	355111.51N 0142709.45E	413.68	LGTD			
LMMLOB028	Mast (Ta' Kandja 2)	355108.16N 0142715.40E	432.58	LGTD			
LMMLOB029	Mast (Ta' Kandja 3)	355105.69N 0142710.15E	433.96	LGTD			
LMMLOB030	Mast (Ta' Kandja 4)	355102.01N 0142706.88E	447.90	LGTD			
LMMLOB031	Mast (Ta' Kandja 5)	355101.19N 0142702.47E	456.79	LGTD			
LMMLOB032	Mast (Ta' Kandja 6)	355054.72N 0142706.59E	387.83	LGTD			
LMMLOB033	Mast (Ta' Kandja 7)	355054.94N 0142708.30E	391.83	LGTD			
LMMLOB034	Mast (Ta' Kandja 8)	355055.28N 0142702.95E	465.88	LGTD			
LMMLOB035	Mast (Ta' Kandja 9)	355056.64N 0142705.16E	390.52	LGTD			
LMMLOB036	Mast (Ta' Kandja 10)	355054.39N 0142708.14E	391.73	LGTD			
LMMLOB037	Mast (Ta' Kandja 11)	355104.65N 0142656.14E	476.27	LGTD			
LMMLOB038	Mast (Ta' Kandja 12)	355059.62N 0142704.14E	393.67	LGTD			
LMMLOB039	Mast (Ta' Kandja 13)	355058.59N 0142657.06E	464.86	LGTD			
LMMLOB040	Mast (Madliena Melita)	355548.03N 0142745.56E	527.49	LGTD			
LMMLOB041	Mast (Madliena AFM)	355551.56N 0142740.59E	525.46	LGTD			
LMMLOB042	Monument (Laferla Cross)	355100.84N 0142459.81E	797.15				
LMMLOB043	Radar Dome (Dingli)	355109.28N 0142253.81E	923.75	LGTD			
LMMLOB044	Reservoir (San Niklaw)	355015.60N 0142653.13E	450.82				
LMMLOB045	Reservoir (Schinas Tower)	355144.76N 0142856.54E	275.07				
LMMLOB046	Mast (Searidge 1)	355103.94N 0142744.63E	342.75	LGTD			
LMMLOB047	Mast (Searidge 2)	355035.63N 0142934.41E	281.43	LGTD			
LMMLOB048	Terrain (Ġebel Ciantar)	355031.92N 0142454.65E	773.71				
LMMLOB049	Terrain (Nigret Żurrieq)	354914.78N 0142821.14E	465.62				
LMMLOB050	Terrain (Faqqanija Siġġiewi)	355043.50N 0142348.20E	829.48				
LMMLOB051	Terrain (Qasam il-Kbir - Qrendi)	354951.28N 0142619.64E	458.12				
LMMLOB052	Tower (Mtarfa)	355334.91N 0142400.78E	734.88	LGTD			
LMMLOB053	TV Antenna (Għargħur)	355502.70N 0142650.37E	619.78	Marked / LGTD			
LMMLOB054	TV Antenna (Net)	355439.38N 0142727.14E	649.80	LGTD			
LMMLOB055	TV Antenna (Targa Gap)	355447.52N 0142441.28E	629.76	LGTD			
LMMLOB056	Radar Dome (Fawwara)	355031.80N 0142456.00E	906.00	LGTD			
	1	1		ı			

OBST ID/ Designation OBST Type OBST position ELEV (FT) Markings/ Type, colour Remarks a b c d e f LMMLOB057 Radar Dome (Hal Far) 354917.37N 0143017.36E 394.00 LGTD LMMLOB058 Hangar 1 (Lufthansa) 355122.32N 0142811.72E 363.00 LGTD LMMLOB059 Hangar 2 (Lufthansa) 355124.09N 0142814.65E 363.00 LGTD		In circling area and at AD							
LMMLOB057 Radar Dome (Hal Far) 354917.37N 0143017.36E 394.00 LGTD LMMLOB058 Hangar 1 (Lufthansa) 355122.32N 0142811.72E 363.00 LGTD		OBST Type	OBST position			Remarks			
LMMLOB058 Hangar 1 (Lufthansa) 355122.32N 0142811.72E 363.00 LGTD	а	b	С	d		f			
	LMMLOB057	Radar Dome (Ħal Far)	354917.37N 0143017.36E	394.00	LGTD				
LMMLOB059 Hangar 2 (Lufthansa) 355124.09N 0142814.65E 363.00 LGTD	LMMLOB058	Hangar 1 (Lufthansa)	355122.32N 0142811.72E	363.00	LGTD				
	LMMLOB059	Hangar 2 (Lufthansa)	355124.09N 0142814.65E	363.00	LGTD				
LMMLOB060 Hangar 3 (Lufthansa) 355125.35N 0142818.06E 346.00 LGTD	LMMLOB060	Hangar 3 (Lufthansa)	355125.35N 0142818.06E	346.00	LGTD				
LMMLOB061 Apron 2 Hangar 5 355137.07N 0142841.02E 327.00 LGTD	LMMLOB061	Apron 2 Hangar 5	355137.07N 0142841.02E	327.00	LGTD				
LMMLOB062 Reservoir (Schinas) 355139.35N 0142852.55E 259.32	LMMLOB062	Reservoir (Schinas)	355139.35N 0142852.55E	259.32					
LMMLOB071 TV Antenna (Go) 355242.73N 0143327.82E 362.50 LGTD	LMMLOB071	TV Antenna (Go)	355242.73N 0143327.82E	362.50	LGTD				
LMMLOB073 Trees 355027.68N 0142708.74E 404.43	LMMLOB073	Trees	355027.68N 0142708.74E	404.43					
LMMLOB074 Tree 355044.98N 0142731.13E 325.43	LMMLOB074	Tree	355044.98N 0142731.13E	325.43					
LMMLOB075 Tree (Gum Tree 1) 355031.90N 0142706.88E 383.79	LMMLOB075	Tree (Gum Tree 1)	355031.90N 0142706.88E	383.79					
LMMLOB076 Tree (Gum Tree 2) 355035.81N 0142720.27E 367.36	LMMLOB076	Tree (Gum Tree 2)	355035.81N 0142720.27E	367.36					
LMMLOB077 Tree (Gum Tree 3) 355045.58N 0142730.20E 326.02	LMMLOB077	Tree (Gum Tree 3)	355045.58N 0142730.20E	326.02					
LMMLOB078 Tree (Gum Tree 4) 355139.91N 0142904.27E 272.74	LMMLOB078	Tree (Gum Tree 4)	355139.91N 0142904.27E	272.74					
LMMLOB079 Tree (Cypress Tree) 355143.16N 0142859.88E 270.24	LMMLOB079	Tree (Cypress Tree)	355143.16N 0142859.88E	270.24					
LMMLOB080 Tree (Palm Tree) 355137.88N 0142902.47E 262.53	LMMLOB080	Tree (Palm Tree)	355137.88N 0142902.47E	262.53					
LMMLOB081 Pole 355043.50N 0142731.10E 330.38	LMMLOB081	Pole	355043.50N 0142731.10E	330.38					
LMMLOB082 Sign (LIDL Sign) 355138.35N 0142903.70E 259.22	LMMLOB082	Sign (LIDL Sign)	355138.35N 0142903.70E	259.22					
LMMLOB084 Mast (Searidge 3) 355018.09N 0142955.14E 275.47 LGTD	LMMLOB084	Mast (Searidge 3)	355018.09N 0142955.14E	275.47	LGTD				
LMMLOB085 Cranes (Malta Freeport T1 - 1) 354916.24N 0143202.70E 471.00 LGTD Cranes Malta	LMMLOB085	Cranes (Malta Freeport T1 - 1)	354916.24N 0143202.70E	471.00	LGTD	Cranes Malta			
LMMLOB086 Cranes (Malta Freeport T1 - 4) 354903.80N 0143220.74E 471.00 LGTD Freeport	LMMLOB086	Cranes (Malta Freeport T1 - 4)	354903.80N 0143220.74E	471.00	LGTD	·			
LMMLOB087 Cranes (Malta Freeport T2 - 2) 354919.39N 0143236.51E 471.00 LGTD extended obstacle	LMMLOB087	Cranes (Malta Freeport T2 - 2)	354919.39N 0143236.51E	471.00	LGTD				
LMMLOB088 Cranes (Malta Freeport T2 - 3) 354909.71N 0143247.95E 471.00 LGTD boundary area	LMMLOB088	Cranes (Malta Freeport T2 - 3)	354909.71N 0143247.95E	471.00	LGTD	boundary area.			
LMMLOB090 Fence (Bravo Checkpoint) 355019.48N 0142953.76E 239.17 LGTD	LMMLOB090	Fence (Bravo Checkpoint)	355019.48N 0142953.76E	239.17	LGTD				
LMMLOB091 Light mast 2 (Apron 2) 355140.04N 0142833.38E 312.73 LGTD	LMMLOB091	Light mast 2 (Apron 2)	355140.04N 0142833.38E	312.73	LGTD				
LMMLOB092 Light mast 7 (Apron 8) 355101.60N 0142926.98E 365.50 LGTD (LED)	LMMLOB092	Light mast 7 (Apron 8)	355101.60N 0142926.98E	365.50	LGTD (LED)				
LMMLOB093 Light mast 6 (Apron 8) 355103.35N 0142925.58E 366.60 LGTD (LED)	LMMLOB093	Light mast 6 (Apron 8)	355103.35N 0142925.58E	366.60	LGTD (LED)				
LMMLOB094 Light mast 5 (Apron 8) 355105.34N 0142923.11E 368.20 LGTD (LED)	LMMLOB094	Light mast 5 (Apron 8)	355105.34N 0142923.11E	368.20	LGTD (LED)				
LMMLOB095 Light mast 4 (Apron 8) 355107.33N 0142920.65E 369.90 LGTD (LED)	LMMLOB095	Light mast 4 (Apron 8)	355107.33N 0142920.65E	369.90	LGTD (LED)				
LMMLOB096 Light mast 3 (Apron 2) 355138.57N 0142835.24E 292.00 LGTD	LMMLOB096	Light mast 3 (Apron 2)	355138.57N 0142835.24E	292.00	LGTD				
LMMLOB097 Tower crane (STM - 1) 355050.34N 0142901.74E 456.69 LGTD STM tower	LMMLOB097	Tower crane (STM - 1)	355050.34N 0142901.74E	456.69	LGTD	STM tower			
LMMLOB098 Tower crane (STM - 2) 355044.44N 0142907.02E 456.69 LGTD cranes	LMMLOB098	Tower crane (STM - 2)	355044.44N 0142907.02E	456.69	LGTD				
LMMLOB099 Tower crane (STM - 3) 355047.99N 0142912.09E 456.69 LGTD extended obstacle	LMMLOB099	Tower crane (STM - 3)	355047.99N 0142912.09E	456.69	LGTD				
	LMMLOB100	Tower crane (STM - 4)	355052.45N 0142907.67E	456.69	LGTD	boundary area.			
LMMLOB101 Light mast 3 (Apron 8) 355109.32N 0142918.18E 368.50 LGTD (LED)	LMMLOB101	Light mast 3 (Apron 8)	355109.32N 0142918.18E	368.50	LGTD (LED)				
LMMLOB102 Tower crane (SKP - 1) 355106.64N 0142936.52E 452.40 LGTD SKP tower	LMMLOB102	Tower crane (SKP - 1)	355106.64N 0142936.52E	452.40	LGTD	SKP tower			
LMMLOB103 Tower crane (SKP - 2) 355110.45N 0142941.81E 452.40 LGTD cranes	LMMLOB103	Tower crane (SKP - 2)	355110.45N 0142941.81E	452.40	LGTD	cranes			
LMMLOB104 Tower crane (SKP - 3) 355105.08N 0142948.61E 452.40 LGTD extended obstacle	LMMLOB104	Tower crane (SKP - 3)	355105.08N 0142948.61E	452.40	LGTD				
	LMMLOB105	Tower crane (SKP - 4)	355101.20N 0142943.88E	452.40	LGTD	boundary area			

LMML AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	LUQA (MWO)
2	Hours of service	H24
3	Office responsible for TAF preparation Periods of validity	LUQA 24 HR
4	Type of landing forecast Interval of issuance	TAF (long range) every 6 hours and valid for 24 hours TREND every 30 minutes with 2 hours validity and broadcast on ATIS METAR every 30 minutes and broadcast on ATIS SPECI METAR as required and broadcast on ATIS
5	Briefing/consultation provided	Р
6	Flight documentation Language used	C English
7	Charts and other information available for briefing or consultation	S, U, P, W, T
8	Supplementary equipment available for providing information	Weather Radar METEOSAT Briefnet
9	ATS units provided with information	Luqa TWR Luqa APP Malta ACC
10	Additional information (limitation of service, etc.)	Nil

LMML AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designator	TRUE BRG	Dimensions of RWY (M)	Strength and surface of RWY and SWY	THR co-ordinates RWY END co- ordinates THR Geoid Undulation		
1	2	3	4	5		
			DON 54	355050.97N 0142736.40E		
05	054.53	2373 x 45	PCN 54 F/B/W/T	355135.64N 0142853.41E		
				121.683 FT		
	23 234.54 2373 x 45 PCN F/B/N	DON 54	355135.64N 0142853.41E			
23		2373 x 45	F/B/W/T	355050.97N 0142736.40E		
				121.890 FT		
	134.74				DCN 400	355123.07N 0142843.84E
13		3350 x 58	PCN 100 F/B/X/U	355006.55N 0143018.66E		
				121.841 FT		
31	314.76	3350 x 58	DCN 400	355006.55N 0143018.66E		
			PCN 100 F/B/X/U	355123.07N 0142843.84E		
				123.432 FT		

THR ELEV and highest ELEV of TDZ of precision APP RWY	Slope of RWY-SWY	Dimensions of SWY (M)	Dimensions of CWY (M)	Dimensions of Strip (M)
6	7	8	9	10
THR 296 FT	0% (548 M) -0.85% (1829 M)	-	90 x 150	2493 x 150
THR 245 FT	0.85% (1829 M) 0% (548 M)	-	170 x 150	2493 x 150
THR 255 FT TDZ 258 FT	0.1% (650 M) -0.6% (1377 M) -0.1% (1328 M) 0% (189 M)	-	250 x 150	3470 x 300
THR 231 FT TDZ 234 FT	0.1% (1328 M) 0.6% (1377 M) -0.1% (650 M) SWY -0.45%	102 x 58	235 x 300	3572 x 300

Dimensions of RESA (M)	Arresting System	OFZ	Remarks
11	12	13	14
92 x 90	Nil	Nil	See Notes 1, 2 and 4
91 x 90	Nil	Nil	See Notes 1, 2 and 4
192 x 120	Nil	AVBL	See Note 3
288 x 120	Nil	AVBL	See Note 3
Notes:	 Runway 23/05 available for take-off and landing of aircraft up to Code C. The last 600 M of RWY 23 / first 600 M of RWY 05 are not visible from the ATC to The overall slope of RWY 13/31 is 0.24%. The overall slope for RWY 23/05 is 0.64%. The paved width of RWY 13/31 is 60 M; however the runway edge markings recessed by 1 M on each side to allow for pavement maintenance. 		

LMML AD 2.13 DECLARED DISTANCES

	Runway 23/05 Code C operations					
RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)		
1	2	3	4	5		
05	2373	2463	2373	2373		
05P	1592	1682	1592	-		
23	2373	2543	2373	2373		
23Q	1646	1816	1646	-		
23R	1702	1872	1702	-		
23Z2	1945	2115	1945	-		

	Runway 23/05 Code A and B operations					
RWY Designator	ASDA (M)	LDA (M)				
1	2	3	4	5		
05	2155	2155	2373	2155		
05P	1374	1374	1592	-		
23	2373	2543	2373	2373		
23Q	1646	1816	1646	-		
23R	1702	1872	1702	-		
23Z2	1945	2115	1945	-		

	Runway 13/31 Code A - Code F operations					
RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)		
1	2	3	4	5		
13	3350	3600	3350	3350		
13E	2025	2275	2025	-		
13F	2497	2747	2497	-		
31	3350	3585	3452	3350		
31BN	2521	2756	2623	-		
31C	2416	2651	2518	-		
31D	1940	2175	2042	-		
31Y	1847	2082	1949	-		

Note: The declared take off run available (TORA) for intersection take-offs initiates at the point where the referenced taxiway downwind edge meets the runway edge line and ends at the referenced runway end-bar. The distance shown on aerodrome intersection take-off signs (in metres) at the corresponding runway holding positions is based on this principle.

LMML AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	PAPI (MEHT)	TDZ LGT LEN
1	2	3	4	5
05	Simple approach lighting system; 180 M LED type High intensity barrette centreline; White; Variable	Green (LED type) Nil	Left (LED type) 3.0° 20.5 M	Nil
23	Simple approach lighting system; 180 M LED type High intensity barrette centreline; White; Variable	i Green (i El) ivoe)	Left (LED type) 3.0° 20.5 M	Nil
13	Precision approach lighting system; 810 M High intensity barrette centreline and cross bar; White; Variable	Green Green	Left (LED type) 3.0° 17.6 M	Nil
31	Precision approach lighting system; 900 M High intensity centreline and five bars; White; Variable	Green Green	Left (LED type) 3.0° 17.6 M	Nil

RWY centre line LGT LEN, spacing, colour INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN colour	Remarks	
6	7	8	9	10	
29 M White (LED type); White/ Red; Red High intensity; Variable	58 M White; Yellow/White High intensity	Red (LED type) Nil	Nil	Nil	
29 M White (LED type); White/ Red; Red High intensity; Variable	58 M White; Yellow/White High intensity	Red (LED type) Nil	Nil	Nil	
30 M White (LED type); White/ Red; Red High intensity; Variable	60 M White; Yellow/White High intensity	Red Nil	Nil	Nil	
30 M White (LED type); White/ Red; Red High intensity; Variable	60 M White; Yellow/White High intensity	Red Nil	100 M Red (LED type)	Nil	
Note: RWY 23/05 provided with	Note: RWY 23/05 provided with LED type Runway Threshold Identification Lights flashing white.				

LMML AD 2.15 AERODROME LIGHTING AND SECONDARY POWER SUPPLY

1	Aerodrome beacon	Location: Terminal building roof (Apron 9) Characteristics: Flashing white/green at a rate of 20 cycles per minute Hours of operation: Sunset to Sunrise
2	WDI location and LGT	WDI RWY 31: To the right of THR, lighted WDI RWY 05, RWY 13, RWY 23: To the left of THR, lighted
	Anemometer location and LGT	Anemometers: Co-located with each GP antenna
		Edge: All TWY, blue, both sides Note: Retro-reflective blue markers along the edges of TWY P.
3	TWY edge, centreline and stop bar lighting	Centreline: TWY A, C, D, E, F, G and HS; green (LED type) Note 1: TWY A, C, D, E, F and HS have centreline lights showing alternate green and yellow when exiting the runway and show green when approaching the runway. Note 2: TWY F centreline lights are unidirectional for aircraft entering Runway 13/31.
		Stop bar: All runway holding points except Hold K1; red Note: The TWY A loop is intended for clockwise access only. Stop Bar A1 is intended to provide a RWY Holding Point in the event of exceptional use of TWY A in the reverse direction.
4	Apron taxilane centreline and aircraft stand	Centreline: Green (LED type) on Apron 9
+	lead-in lighting	Edge Lights: Blue on Aprons 2, 8 and 9
5	Secondary power supply/Switch-over time	All aerodrome lighting and landing aids/15 SEC
6	Remarks	RWY 13/31 lighting complies with ICAO CAT 1 requirements. The lighting intensity of all lights is variable on request. SWY 31 is delineated in yellow markings and provided with perimeter red LED type lights.

LMML AD 2.16 HELICOPTER LANDING AREA

No area is designated as a helicopter landing area.

Helicopters operating at Luqa are required to make use of taxiways and runways, as directed by Malta ATC.

LMML AD 2.17 ATS AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Hours of service	Channel
1	2	3	4
LUQA CTR — LMMLCTR			
Luqa CTR radius 20 NM centred on Luqa ARP consisting of Luqa CTR INNER (LMMLINN) and Luqa CTR OUTER (LMMLOUT) separated by a circle 10 NM centred on Luqa ARP.			
Vertical limits: SFC to 2000 FT AMSL	Luqa TWR	Luqa Tower	135.105
Class of airspace: D LUQA ATZ — LMMLATZ	(LMMLTWR)	ENG H24	
A circle, centre ARP, radius 4 NM.			
Vertical limits: SFC to 2000 FT AMSL			
Class of airspace: D			

Notes:

- 1. A graphical representation of the Malta CTR and Luqa ATZ is shown on page AD 2-LMML-MISC-CA 1.
- 2. Luqa APP provides service to SVFR flights when Malta CTR is in IMC.

LMML AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
TWR	Luqa Ground	121.605 121.830 (Backup)		
TWR	Luqa Tower	135.105 133.905 (Backup)	H24	(1) UHF 284.500 MHz is available for military aircraft not equipped with VHF radios.
APP	Luqa Radar	128.155 118.355 (Backup)		(2) Distress frequency 121.500 MHz is monitored (H24).
DEP ATIS	Luga Information	127.005		
ARR ATIS	Luqa Information	127.405		

LMML AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, CAT of ILS (VAR)	ID	Frequency	Hours of operation	Site of transmitting antenna co- ordinates	Elevation of DME transmitting antenna (M)	Remarks
1	2	3	4	5	6	7
GOZO VOR/DME (3° 02' E)	GZO	115.7 MHz CH104X	H24	360214.43N 0141218.95E	159	MRA limitations at 40 NM sectors: 020° - 050° MRA 7000 FT 050° - 150° MRA 3000 FT 150° - 020° MRA 2000 FT
LUQA DME (3° 02' E)	LQ	(CH 34X)	H24	355113.28N 0142849.28E	85	
MALTA DME (3° 02' E)	LM	(CH 42X)	H24	355009.73N 0143005.27E	76	
MALTA NDB (3° 02' E)	MLT	395 KHz	H24	354855.77N 0143144.94E	24	
LLZ 13 - ILS CAT I (3° 02' E)	LQ	109.7 MHz	H24	355000.59N 0143026.03E	69	See Note 1
GP 13	LQ	333.2 MHz	H24	355113.54N 0142848.86E	80	3.0°, RDH 50 FT
LLZ 31 – ILS CAT I (3° 02' E)	LM	110.5 MHz	H24	355133.79N 0142830.55E	76	See Note 1
GP31	LM	329.6 MHz	H24	355010.01N 0143005.86E	70	3.0°, RDH 50 FT
Note: (1) ILS 13 and ILS 31 are electronically interlocked and only one is available at any one time.						

Note: (1) ILS 13 and ILS 31 are electronically interlocked and only one is available at any one time.

LMML AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport Regulations

- 1.1 All flights require prior notification to MIA Airport Operations. Notifications of landing slots at LMML should also be submitted to the MATS Operations by email to ops.planning@maltats.com. The filing of a flight plan does not imply permission to operate to LMML. Non-planned technical or operational diversions will be coordinated directly by Malta ATC with the appropriate airport authorities.
- 1.2 Technical test flights necessary for the purpose of ascertaining the airworthiness of an aircraft must only be made after permission has been obtained in writing from the Airworthiness Inspectorate of the CAD-TM.
- 1.3 Runway and approach lighting will not normally be operated if the runway is not in use for landing, take-off or taxiing unless required for inspections or maintenance. Runway and approach lights, as well as obstacle lights, will remain switched on at night or when the visibility is less than 5000 M.
- 1.4 The responsibility for the removal of disabled aircraft shall be jointly and severally borne by the aircraft owner and operator. If such an aircraft is not removed as quickly as possible, the aircraft will be removed at the owner's or the operator's expense by the aerodrome operator. Any action leading to the aircraft's removal shall be subject to obtaining the permission of the Chief Inspector of Air Accidents or any other interested parties.
- 1.5 Wearing of high visibility clothing by all personnel on the apron areas and manoeuvring areas is mandatory.
- 1.6 The pilot of a VFR flight with departure and destination Luqa aerodrome shall fill in the required flight notification form that can be obtained from MIA.

2. Ground Movement

2.1 All surface movement of aircraft, vehicles and personnel on the manoeuvring area are subject to ATC clearance. Vehicular traffic lights are operated by ATC on THR RWY 23 and constitute instructions to vehicles to cross or hold in the designated vehicular holding positions. Prior coordination and ATC clearance are required for works to be carried out on the movement area. All vehicles shall always give way to aircraft under own power or on tow. Walking is not permitted on all movement areas except in the vicinity of aircraft

after clearance is issued. Pilots not ready when reaching the holding position (no aircraft in front on the same

For intersection departures, no backtraking beyond start of published TORA is permitted.

3.2.2

taxiway) shall advise ATC as soon as possible.

3.2.3 Multiple line-ups on the same runway

- 3.2.3.1 Multiple line-ups is a technique to expedite the departure of aircraft from the runway. It concerns departing aircraft being instructed to line-up on the same runway at different points using different access taxiways. The application of this procedure is at the discretion of Luqa TWR and subject to the procedures indicated below.
- 3.2.3.2 The use of multiple line-ups from the same runway access point is not considered as an application of multiple line-ups on the same runway but an application of a conditional ATC clearance for sequencing of departing traffic.
- 3.2.3.3 Multiple line-up instructions on the same runway from different runway intersections may be issued by Luqa TWR subject to the following provisions:
 - i. Multiple line-up instructions shall only be issued by Luga TWR;
 - ii. Not more than two aircraft may be lined-up at different points on the same runway as indicated below:
 - THR RWY 13 and RWY 13 intersection F or intersection E;
 - THR RWY 31 and RWY 31 intersection BN or intersection C or intersection D or intersection Y;
 - THR RWY 23 and RWY 23 intersection Q or intersection R or intersection Z2;
 - THR RWY 05 and RWY 05 intersection P.
 - iii. Multiple line-up instructions shall not be issued when the visibility is less than 5 KM;
 - iv. Multiple line-ups may only be authorised when both aircraft are continuously visible to Luqa TWR on the manoeuvring area either by visual observation or by the use of video cameras.

3.3 Intersecting Runway Operations

3.3.1 Unrestricted operations on RWY 13/31 are allowed when aircraft have been cleared for take-off from RWY 23 intersection R.

4. Engine ground runs

- 4.1 An engine ground run is defined as any engine start-up not associated with the planned aircraft departure.
- 4.2 Requests for engine ground runs at idle power settings are permitted on all aprons (except for Apron 6) at all times subject to ATC clearance. Engine ground runs at higher power settings must be authorised by MIA and are not permitted between 2300 0600 LT unless required due to exceptional operational reasons.
- 4.3 All engine ground runs shall be supervised under the responsibility of an officer designated by the operator requesting the run-up. The officer in charge of the ground run must ensure that the aircraft is positioned in a way which does not harm persons or cause damage to aircraft, vehicles or equipment especially in the area behind the aircraft which is subjected to blast and immediately in front of the engine intakes. Care must also be taken to minimise the potential scattering of material from adjacent grass areas.
- 4.4 Engine ground runs on Apron 7 will be conducted at the discretion of the AFM.

Airfield Warnings

- 5.1 Intense activity of flocks of starlings may be expected throughout the year especially during October and November. As far as practicable, Aerodrome Control will inform pilots of this bird activity. Dispersal activities normally include the playing back of distress calls from tape together with the firing of shell crackers.
- Fireworks associated with both national and local events may be let off at various localities. Pilots of VFR flights are therefore advised to exercise caution while flying over areas where such activities are taking place. NOTAM will be published only in the event of fireworks taking place in the Luqa ATZ.

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6. Use of Runways

6.1 RWY 13/31 IFR Preferential Runway Scheme (IFR PRS)

- 6.1.1 The RIU selected in LMML shall be RWY 31 from 0600 LT to 1800 LT and RWY 13 from 1800 LT to 0600 LT.
- 6.1.2 Requests by pilots for departure and landing on the runway reciprocal to the declared RIU will not be allowed except in cases of emergency, urgency or priority landing.
- 6.1.3 The IFR PRS on RWY 13/31 is not applicable when:
 - a. the tailwind component for the selected RIU exceeds 8 KT in dry conditions;
 - b. the tailwind component for the selected RIU exceeds 5 KT in wet conditions;
 - c. The crosswind component exceeds 25 KT in dry or wet conditions. In these conditions RWY 23 or RWY 05 shall be declared as the RIU, with RWY 31 or RWY 13 available for Code E/F operations only;
 - Wind shear has been reported or forecast or when thunderstorms are expected to affect the approach;
 - e. The runway is closed due to pre-notified events.

6.1.4 The following exceptions to the application of the PRS apply:

6.1.4.1 Configuration 1: RIU 23 for VFRs and RIU 13/31 for IFRs

In this configuration, IFR flights requesting to depart on RWY 23, may be allowed in so far as operationally practical, IFR (civil + military) flights will have priority over VFR flights operating on RWY 23. Departures or landings on RWY 05 are not allowed when this configuration is in force.

6.1.4.2 Configuration 2: RIU 05 for VFRs and RIU 13/31 for IFRs

In this configuration, IFR flights requesting to depart on RWY 05, may be allowed in so far as operationally practical. IFR (civil + military) flights will have priority over VFR flights operating on RWY 05. Departures or landings on RWY 23 are not allowed when this configuration is in force.

6.2 RWY 23/05 VFR Preferential Runway Scheme (VFR PRS) applicable to LIGHT aircraft

- 6.2.1 The VFR PRS for domestic and international VFR flights shall be RWY 23 or RWY 05. This is applicable to all VFR departures and arrivals. Tailwind components exceeding 5 KT will determine whether RWY 23 or RWY 05 is selected as the preferred VFR runway.
- 6.2.2 The VFR PRS is not applicable when the crosswind component on RWY 23/05 exceeds 15 KT, in which case RWY 13/31 is declared as the RIU, as applicable for IFR flights. In this configuration departures, circuits and arrivals on RWY 23/05 are allowed at the discretion of ATC.
- 6.2.3 The VFR RIU is promulgated on ATIS for all domestic and international VFR flights. VFR pilots should monitor DEP ATIS broadcasts before requesting start-up clearance with Luqa GND.

6.3 Runway vacating procedures

- 6.3.1 Unless otherwise instructed by ATC, MEDIUM and HEAVY aircraft should plan to vacate the runway after landing as follows:
 - a. RWY 05: for MEDIUM aircraft via TWY J.
 - b. RWY 23: for MEDIUM aircraft via TWY L.
 - c. RWY 13: for MEDIUM aircraft via TWY C or TWY D.
 - d. RWY 13: for HEAVY aircraft via TWY D or via TWY A in case of long landing roll.
 - e. RWY 31: for MEDIUM aircraft via TWY E, TWY F or TWY G.

f. RWY 31: for HEAVY aircraft via TWY E, TWY G or via the loop TWY H/HN/HS to backtrack the runway in case of long landing roll.

7. Test & Training Flights

- 7.1 Except for locally-based LIGHT aircraft planning to conduct visual circuits, aircraft intending to conduct test (air work, maintenance checks, etc.) or training flights require an ATC slot which should be approved by the MATS Airspace Cell (email: airspace.cell@maltats.com). For the purpose of pre-notification and approval a MATS User Request Form is available from the Airspace Cell on request. The Airspace Cell should be notified with any requested changes or cancellations to slots which have already been approved.
- 7.2 Test and Training flights will normally be approved by the Airspace Cell between 0600 2300 LT. Training flights are not permitted between 2300 0600 LT. There are no time restrictions for flights requesting to operate within the designated Test & Training Areas (refer to ENR 6-LMMM-TTA1 1, ENR 6-LMMM-TTA2 1 and ENR 6-LMMM-TTA3 1).
- Test and Training flights will not normally be given priority over other flights and may therefore be subject to delays depending on the traffic situation. When required by ATC for arrival sequencing or delay purposes, aircraft should expect holding in one of the Circuit Holding Patterns (refer to AD 2-LMML-MISC-VC4 1/2 and AD 2-LMML-MISC-VC8 1/2) or Circuit Holding Areas (refer to AD 2-LMML-MISC-CHA2 1 and AD 2-LMML-MISC-CHA3 1). Alternatively, radar vectoring may be given by Luqa APP for re-integration in the circuit. The number of simultaneous training flights in the circuit may be temporarily restricted or suspended by ATC.
- 7.4 Microlight / ultralight aircraft may perform circuits on RWY 23/05 at the discretion of ATC depending on the traffic situation.
- 7.5 Except for locally-based LIGHT aircraft, the deliberate simulation of engine failure, asymmetric flight or practice rejected take-offs are not permitted without prior permission from the Airspace Cell.

LMML AD 2.21 NOISE ABATEMENT PROCEDURES

1. Use of runways

- 1.1 SIDs are an integral part of Noise Abatement Procedures and should be strictly adhered to within the limits of aircraft performance.
- 1.2 Aircraft which are unable to conform to the published altitude restrictions shall inform ATC prior to departure.

LMML AD 2.22 FLIGHT PROCEDURES

1. General Procedures

- 1.1 The Luqa CTR is a circle of 20 NM centred on the Luqa ARP. The Luqa CTR includes the Luqa ATZ which is as a circle of 4 NM centred on the Luqa ARP, an INNER zone (INNER CTR) and an OUTER zone (OUTER CTR). The INNER zone is a circle of 10NM centred on the Luqa ARP.
- 1.2 The Luqa CTR is further sub-divided into four sectors: NORTH, SOUTH, WEST AND EAST. ATC clearance is required for VFR flights operating in the INNER zone to transit from one sector to another unless otherwise instructed by ATC or if cleared on a standard VFR arrival/departure route. Unless otherwise instructed by ATC, clearance for VFR flights to transit from one sector to another is not required when operating in the OUTER zone.
- 1.3 Within the Luqa CTR standard VFR arrival and departure routes are published based on Visual Reporting Points. It is mandatory for all international VFR arrivals and departures to flight plan the appropriate route as indicated in AD 2-LMML-MISC-SVA and AD 2-LMML-MISC-SVD.
- 1.4 Deemed separations from STARs and SIDs are based on VFR flights operating in the Luqa CTR at 2000 FT or below within the INNER zone. If ATC is in positive visual contact with an aircraft, 'reduced separation in the vicinity of the aerodrome' can be applied by ATC in the Luqa ATZ.
- 1.5 VFR flights requesting to cross from one sector to the other when the visual patterns are active will be instructed by ATC to keep clear of the Luqa ATZ and traffic information given on the status of the circuit or specific position of the aircraft in the circuit. If required due to traffic in the circuit, aircraft requesting to transit the sectors may be instructed by ATC to proceed via alternative routes not to infringe the circuit pattern.

AIP **AD 2 LMML - 23** 18 APR 2024 **MALTA** Aircraft operating in Class G airspace below the Luqa TMA should monitor the Luqa APP control frequency. 1.6 1.7 A flight plan is not required for domestic VFR flights intending to operate within the Luqa CTR. In order to facilitate the assignment of SSR codes a dedicated code is allocated to LMML-based VFR aircraft. On startup with ATC the pilot will confirm the assigned code. The pilot of an aircraft is responsible for determining whether or not the meteorological conditions permit flight 1.8 in accordance with Visual Flight Rules. 1.9 Except when a clearance is obtained from ATC, VFR flights shall not take-off or land at LMML or enter the Luga ATZ or traffic pattern: when the ceiling is less than 1500 FT; or а when the ground visibility is less than 5 KM. b. 2. Special VFR flights 2.1 When traffic conditions permit VFR operations in meteorological conditions below those prescribed in paragraph 1.9 above, VFR flights may be permitted at the discretion of ATC as Special VFR flights. 2.2 ATC will not issue a Special VFR clearance when the ground visibility is less than 1500 M or for helicopters less than 800 M. or when the ceiling is less than 600 FT. 3. Night VFR flights 3.1 Night VFR flights may be allowed to operate between sunset and sunrise within the Luga CTR subject to the following conditions: the flight must be conducted not later than 2300 LT and not earlier than 0600 LT; a. b. the ground visibility must not be less than 5 KM and the ceiling must not be less than 1500 FT; and C. the VMC visibility and distance from cloud minima in the table shown in ENR 1.2 shall apply provided that the pilot maintains continuous sight of the surface; the flight must be operated as a local flight with LMML as departure and arrival aerodrome. d. microlights and ultralights are not allowed to conduct VFR flights all night e. Note: Clearance to these flights does not constitute a Special VFR Clearance. 4. International VFR arrivals 4.1 International VFR arrivals should flight plan via the standard arrival routes as indicated in AD 2-LMML-MISC-SVA chart. 4.2 Aircraft entering the Luqa CTR from Class G airspace should contact Luqa APP for entry clearance. 4.3 Pilots should be well briefed before entering the Luga CTR as the standard arrival route to be followed may vary according to runway in use for VFR flights. The end of the standard VFR arrival route is the last VRP on the published route. Unless ATC instructions to 4.4

- join the applicable visual pattern have been given, pilots should orbit over the last VRP or intermediate VRP in the direction of the coast. Caution should be exercised during holding due to the possibility of other aircraft orbiting over the same location, aircraft established in the visual patterns and aircraft landing/take-off.

5. **Domestic VFR arrivals**

- 5.1 Domestic VFR flights operating in the VFR sectors and requesting to recover to LMML should advise ATC with their intentions in sufficient time. ATC will clear the aircraft via the published VFR arrival routes or direct to one of the published VRPs.
- 5.2 Aircraft planning to enter the Luqa CTR from uncontrolled airspace (Class G below 2000 FT outside the Luqa CTR) should request prior clearance for entry from Luqa APP.

- 5.3 Domestic VFR flights planning to enter the Luqa CTR via controlled airspace (Class C from 2000 FT outside the CTR) and requesting to recover to LMML should normally expect to follow the same procedures as specified for international VFR arrivals in paragraph 4 above or expect clearance by ATC to proceed direct to specific VRPs.
- 5.4 Clearance to operate via the published VFR arrival routes denotes that the clearance limit is the end of the VFR arrival route unless instructed to hold in the intermediate VRPs.
- ATC clearance is required for VFR flights operating in the INNER zone to transmit from one VFR sector to another unless otherwise advised by ATC or if cleared on a standard VFR arrival/departure route. Unless otherwise advised by ATC, clearance for VFR flights to transit from one VFR sector to another is not required when operating in the OUTER zone.
- To minimize taxiing time and reduce runway occupancy, VFR traffic landing on RWY 31 may request, or be asked to perform, a midfield landing. When midfield landing is approved, aircraft are expected to touch down at a point on the runway between (abeam) Taxiway C and Taxiway F. Due to unavailability of standard markings and other visual aids, aircrew must ensure that they can perform such a maneuver and in case of doubt shall request to conduct a standard full-length approach and landing.

6. International VFR departures

- 6.1 International VFR departures should flight plan via the standard departure routes as indicated in AD 2-LMML-MISC-SVD chart.
- 6.2 DEP ATIS broadcasts should be monitored in advance in order to pre-plan the route which ATC will assign depending on the VFR runway in use. Pilots should be well briefed before departure as the standard departure route to be followed will vary according to runway in use for VFR departures.
- 6.3 Luqa GND will clear departures to an altitude of 1500 FT or below on the assigned VFR departure route. Departing VFR flights should expect to be transferred to APP after exit from the INNER zone and ATC will subsequently clear the VFR departures to their Requested Flight Level depending on the traffic situation. For planning purposes pilots should expect to remain at an altitude of 1500 FT until exiting the Luqa CTR if the traffic situation does not permit clearance to higher levels after exit from the INNER zone.

7. Domestic VFR departures

- 7.1 Pilots of VFR domestic departures should advise their intentions on initial contact with Luqa GND order to operate in a VFR sector or within the visual pattern.
- 7.2 If circuit training is planned and approved by ATC, pilots will be advised to expect VFR patterns at the applicable circuit altitude.
- 7.3 Standard VFR clearances for circuit training will be assigned by ATC as follows:

EXPECT VFR CIRCUITS RWY [05]

7.4 If planned to operate within the VFR sectors or to exit the Luqa CTR, pilots should expect the following standard ATC clearances:

7.4.1 RIU 23 for VFR flights and RIU 31 for IFR flights

If planning to operate in the WEST / NORTH sectors, aircraft will be cleared VFR to DINGLI RADAR NOT ABOVE 1500 FT.

If planning to operate in the SOUTH / EAST sectors, aircraft will be cleared VFR to BLUE GROTTO NOT ABOVE 1500 FT.

7.4.2 RIU 23 for VFR flights and RIU 13 for IFR flights

If planning to operate in the WEST / NORTH sectors, aircraft will be cleared VFR to DINGLI RADAR NOT ABOVE 1500 FT.

7.4.3 RIU 05 for VFR flights and RIU 31 for IFR flights

If planning to operate in the WEST / NORTH sectors, aircraft will be cleared VFR to MADLIENA FORT VIA GRAND HARBOUR NOT ABOVE 1500 FT.

If planning to operate in the SOUTH / EAST sectors, aircraft will be cleared VFR to MARSASCALA BAY NOT ABOVE 1500 FT.

7.4.4 RIU 31 for both IFR and VFR flights

If planning to operate in the NORTH sector, aircraft will be cleared VFR to MADLIENA FORT NOT ABOVE 1500 FT.

If planning to operate in the EAST sector, aircraft will be cleared VFR to MARSASCALA BAY NOT ABOVE 1500 FT.

If planning to operate in the WEST sector, aircraft will be cleared VFR to DINGLI RADAR NOT ABOVE 1500 FT.

If planning to operate in the SOUTH sector, aircraft will be cleared VFR to BLUE GROTTO NOT ABOVE 1500 FT

7.4.5 RIU 05 for VFR flights and RIU 13 for IFR flights

If planning to operate in the WEST / NORTH sectors, aircraft will be cleared VFR to MADLIENA BAY FORT VIA GRAND HARBOUR NOT ABOVE 1500 FT.

If planning to operate in the EAST sectors, aircraft will be cleared VFR to MARSASCALA BAY NOT ABOVE 1500 FT.

7.4.6 RIU 13 for both IFR and VFR flights

If planning to operate in the NORTH sector, aircraft will be cleared VFR to MADLIENA FORT VIA GRAND HARBOUR NOT ABOVE 1500 FT.

If planning to operate in the EAST sector, aircraft will be cleared VFR to MARSASCALA BAY NOT ABOVE 1500 FT.

If planning to operate in the WEST sector, aircraft will be cleared VFR to DINGLI RADAR NOT ABOVE 1500 FT

Note 1: If traffic permits and no delays are expected for IFR departures, ATC may modify the standard clearance before departure.

Note 2: VFR departures cleared to MADLIENA FORT will be notified by ATC when LMD-01 or LMD-06 are active.

Note 3: Requests by VFR to operate in the SOUTH sector with RIU RWY 13 will only be approved by ATC when there are no planned IFR departures.

Note 4: During periods of intensive traffic in the Luqa ATZ, VFR pilots should exercise caution to avoid conflicting with other traffic operating in the visual patterns. Transmissions should be kept to a minimum at all times.

8. RCF procedures for VFR flights operating in the Luqa CTR

- 8.1 In the event of RCF VFR flights operating in the Luqa CTR are expected to squawk A7600 and to operate as follows:
 - If operating in the NORTH sector proceed to orbit over MADLIENA FORT (MF) and await visual signals from the aerodrome control tower.
 - If operating in the EAST sector proceed to orbit east of LUQA and await visual signals from the aerodrome control tower.
 - If operating in the WEST sector proceed to orbit over DINGLI RADAR (DR) and await visual signals from the aerodrome control tower.
 - If operating in the SOUTH sector proceed to orbit over BLUE GROTTO (BG) and await visual signals from the aerodrome control tower.

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8.2 If operating as aerodrome traffic pilots should squawk A7600 and await visual signals from the aerodrome control tower.

8.3 If able pilots should also attempt to contact the aerodrome control tower by cell phone on +356 22 35 53 33.

9. Control of circuit traffic

9.1 Standard circuit patterns are as follows:

RWY 31 - LEFT HAND circuit

RWY 13 - RIGHT-HAND circuit

RWY 23 - LEFT-HAND circuit

RWY 05 - RIGHT-HAND circuit

Note 1: Variable direction circuit patterns are applicable for LIGHT aircraft as required by ATC. All the circuit patterns for LIGHT aircraft are considered to be usable when LMD-1/6 is active.

- 9.2 Due to heavily built-up areas and critical infrastructure to the east of the island non-standard circuit patterns for MEDIUM/HEAVY aircraft are only authorized by ATC when required due to operational reasons.
- 9.3 Visual circuits for LIGHT aircraft shall be conducted not above 1500 FT. Unless otherwise advised by ATC all circuits for MEDIUM/HEAVY aircraft shall be conducted not above 2000 FT. Visual circuits shall be carried out as indicated in the charts AD 2-LMML-MISC-VC1 1 to AD 2-LMML-MISC-VC8 1 in order to reduce noise levels over built-up areas unless otherwise instructed by ATC.
- 9.4 When aircraft operating in the visual circuit are required by ATC to operate outside the Luqa ATZ (e.g. due to an ATC instruction to extend the circuit pattern), traffic information will be provided by ATC on other VFR flights operating in the vicinity, in so far as operationally practical. This includes traffic holding over the end of the VFR arrival routes or on the extended approach of the runway.
- 9.5 Designated circuit holding areas have been established for holding LIGHT aircraft operating in the Luqa ATZ as indicated in AD 2-LMML-MISC-CHA1 1. Aircraft instructed by ATC to hold over these areas shall be considered as forming part of the aerodrome traffic circuit. The location and direction of the holding points are prescribed in a way to enable aircraft to join the circuit without delay when ATC clearance is given.
- 9.6 Due to international arrivals and departures and when required by ATC, circuit flights may expect to be transferred to Luqa APP for vectoring into a sequence of arrivals.
- 9.7 VFR circuits on RWY 23/05 may also be allowed subject to the restrictions applicable to crossing circuits.
- 9.8 In order to maintain circuit efficiency and reduce delays to non-circuit traffic a maximum number of three aircraft will normally be allowed by ATC to conduct circuits simultaneously and subject to the restrictions below:
 - The maximum number of aircraft conducting VFR circuits on crossing runways is restricted to one per runway irrespective of aircraft category;
 - b. When the VFR circuits on the crossing runways are active by LIGHT aircraft and a third aircraft requests VFR circuits, all circuit flying will be restricted to the VFR RIU;
 - c. When two MEDIUM or HEAVY aircraft are conducting VFR circuits, LIGHT aircraft will not be allowed to conduct circuit flights.

10. IFR flights

10.1 Arrival procedures

- 10.1.1 On establishing contact with Luqa APP arriving flights should state their cleared level, type of aircraft and receipt of ARR ATIS information.
- 10.1.2 Aircraft should expect to be radar vectored to an ILS approach procedure for RWY 13/31 or an RNAV approach procedure for RWY 13/31/23/05 subject to RIU. ATC may clear aircraft to an appropriate waypoint associated with the ILS /RNAV procedure from which the aircraft can transition to the ILS / RNAV approach.
- 10.1.3 Requests for visual approach on RWY 13/23/05 will not be accepted by ATC unless aircraft report unable ILS/RNAV approach due to lack of equipage.

10.1.4 Requests for a visual approach on RWY 31 are allowed subject to traffic operating in the circuit and the landing sequence. When a visual approach is approved by ATC the pilot should expect an initial clearance to descend not below an altitude of 3000 FT. A follow on instructions to continue the approach below 3000 FT should normally be expected after the aircraft crosses the RWY 23/05 axis.

10.2 Holding

10.2.1 When holding is anticipated ATC will clear IFR arrivals to the appropriate published holding fix as follows:

Landing RWY	Holding Fix	Description of Holding Pattern	MNM ALT (FT)
	OMBER	Inbound track 042 left-hand turns	
13	NOLER	Inbound track 132 right-hand turns	3000
	GUDER	Inbound track 222 right-hand turns	
	TIVOR	Inbound track 042 right-hand turns	
31	SOFOR	Inbound track 312 right-hand turns	3000
	KEKOR	Inbound track 222 left-hand turns	
	MONAM	Inbound track 142 left-hand turns	
23	EVLAM	Inbound track 232 right-hand turns	3000
	INTAM	Inbound track 322 right-hand turns	
	METIM	Inbound track 141 right-hand turns	
05	VEKIM	Inbound track 051 right-hand turns	3000
	BEVIM	Inbound track 321 left-hand turns	
Note: Holding may be given by ATC for tactical sequencing.			

- 10.2.2 An Expected Approach Time will be issued by Luqa APP when aircraft are expected to hold for 10 MIN or more. The EAT will be based on a minimum landing interval of 3 MIN.
- 10.2.3 Arrival flights are given 'Delay not determined' when the landing runway cannot be used for landing and it is not possible to predict when the runway will become available.

10.3 Departure procedures

- 10.3.1 The departure clearance will be provided by Luqa GND following a clearance delivery request by the pilot. The clearance will contain the Standard Instrument Departure (SID) to be followed based on the departure runway in use, the initial standard cleared level, a discrete SSR code and CTOT if applicable. Whenever a SID cannot be issued, aircraft will be given a radar departure consisting of the initial track or heading to be followed after take-off and the cleared level.
- 10.3.2 Strict compliance with the issued ATC clearance is necessary at all times. Non-compliance may result in less than standard separation between aircraft. If a flight is unable to comply with issued clearances, the ATC unit concerned should be informed before take-off and an alternative clearance requested.
- 10.3.3 When the pilot intends to take-off from an intersection, the pilot shall notify ATC on requesting start-up clearance. The requirements of the assigned standard instrument departure procedure to be followed must be met at all times.

10.3.4 Standard Instrument Departure procedures

- 10.3.4.1 The Standard Instrument Departure procedures applicable to aircraft departing from Luqa aerodrome reflect Noise Preferential Routings. Pilots should not deviate from these procedures and should not request alternative departure routings unless required to do so due to adverse weather.
- 10.3.4.2 Pilots of departing aircraft should climb to the initial cleared level specified in the clearance delivery unless otherwise instructed by ATC.
- 10.3.4.3 On first contact with Luga APP, pilots of departing aircraft should report:
 - call sign,
 - b. SID designator,
 - c. current altitude and

- d. cleared altitude.
- 10.3.4.4 En-route cruising level will be issued after departure by Malta ATC.

LMML AD 2.23 ADDITIONAL INFORMATION

1. Low visibility procedures

1.1 The low visibility procedures detailed below will come into effect at Luqa when the Runway Visual Range (RVR) is observed to be less than 1500 M.

1.1.1 Procedures to be followed when the RVR is less than 1500 M

- 1.1.1.1 When the RVR is reported to be less than 1500 M:
 - a. Runway 13/31 will be the preferential runway;
 - b. only one aircraft will be given taxi instructions at any one time and no taxi instructions will be issued if another aircraft is shortly expected on the runway; and
 - c. vehicular traffic will be restricted to a minimum and will be required to have the beacon switched on.

1.1.2 Additional procedures to be followed when the RVR is less than 800 M

- 1.1.2.1 When the RVR is reported to be less than 800 M, in addition to the procedures set out in 1.1.1.1, above:
 - all runways lights will be on maximum power setting and no adjustments to the lighting controls will be made unless requested by the aircraft commander;
 - b. failure of any visual aids will be immediately reported to the pilot; and
 - c. maintenance and works personnel will be removed from the runways and taxiways;
 - d. a follow-me vehicle will be provided to taxiing aircraft in order to provide guidance in/out of their allocated stand.

1.1.3 Additional procedures to be followed when the RVR is less than 550 M

- 1.1.3.1 When the RVR is reported to be less than 550 M, in addition to the procedures set out in 1.1.1 and 1.1.2, above:
 - a. aircraft arrivals shall not be permitted to land at LMML while aircraft departures shall be permitted to take-off from Runway 13/31 only;
 - b. a follow-me vehicle will be provided taxiing aircraft in order to provide guidance in/out of their allocated stand.

1.1.4 Additional procedures to be followed when the RVR is less than 350 M

1.1.4.1 When the RVR is reported to be less than 350 M, LMML shall be temporarily closed for aircraft operations.

2. Minimum level of insurance cover for passenger, baggage, cargo and for third party liability

2.1 General

2.1.1 The minimum level of insurance for aircraft flying within, into, out of, or over the territory of Malta is that established by Regulation (EC) No 785/2004 of the European Parliament and of the Council of 21 April 2004 on insurance requirements for air carriers and aircraft operators. Air carriers and aircraft operators are to be insured in accordance with this Regulation in respect of passengers, baggage, cargo and third parties. The insured risks shall include acts of war, terrorism, hijacking, acts of sabotage, unlawful seizure of aircraft and civil commotion.

2.2 Insurance in respect of liability for passengers, baggage and cargo

- 2.2.1 For liability in respect of passengers, the minimum insurance cover shall be 250,000 Special Drawing Rights (SDR) per passenger.
- 2.2.2 For liability in respect of baggage, the minimum insurance cover shall be 1000 SDRs per passenger in commercial operations.
- 2.2.3 For liability in respect of cargo, the minimum insurance cover shall be 17 SDRs per kilogram in commercial operations.
- 2.2.4 These liability measures do not apply with respect to flights overflying Malta carried out by non-Community air carriers and by aircraft operators using aircraft registered outside the Community and which do not land or take-off for Malta.

2.3 Insurance in respect of liability for third parties

2.3.1 In respect of liability for third parties, the minimum insurance cover per accident, for each and every aircraft, shall be:

Category	Maximum Take Off Mass (KG)	Minimum Insurance (Million SDRs)	
1	<500	0.75	
2	<1000	1.5	
3	<2700	3	
4	<6000	7	
5	<12,000	18	
6	<25,000	80	
7	<50,000	150	
8	<200,000	300	
9	<500,000	500	
10	>500,000	700	

2.4 Production of documentary evidence

- 2.4.1 Non-Community air carriers and, when so required, aircraft operators, shall demonstrate compliance with the above-mentioned insurance requirements by providing to the CAD-TM (attention of the Duty Management Officer) with a copy of the insurance certificate or other evidence of valid insurance.
- 2.4.2 Community air carriers may also, at the discretion of the CAD-TM, be required to submit evidence of valid insurance.

3. Aircraft involved in fishing operations

- 3.1 Operators and owners of aircraft in support of fishing operations in the Mediterranean Sea shall not take-off from, or land at, Luqa aerodrome throughout the month of June.
- 3.2 Further details may be found in LN122/2002, the Civil Aviation (Restriction of Flying) Regulations, 2002.

4. Seaplane operations

4.1 Sea plane operations may not be conducted unless prior approval has been obtained from the CAD-TM.

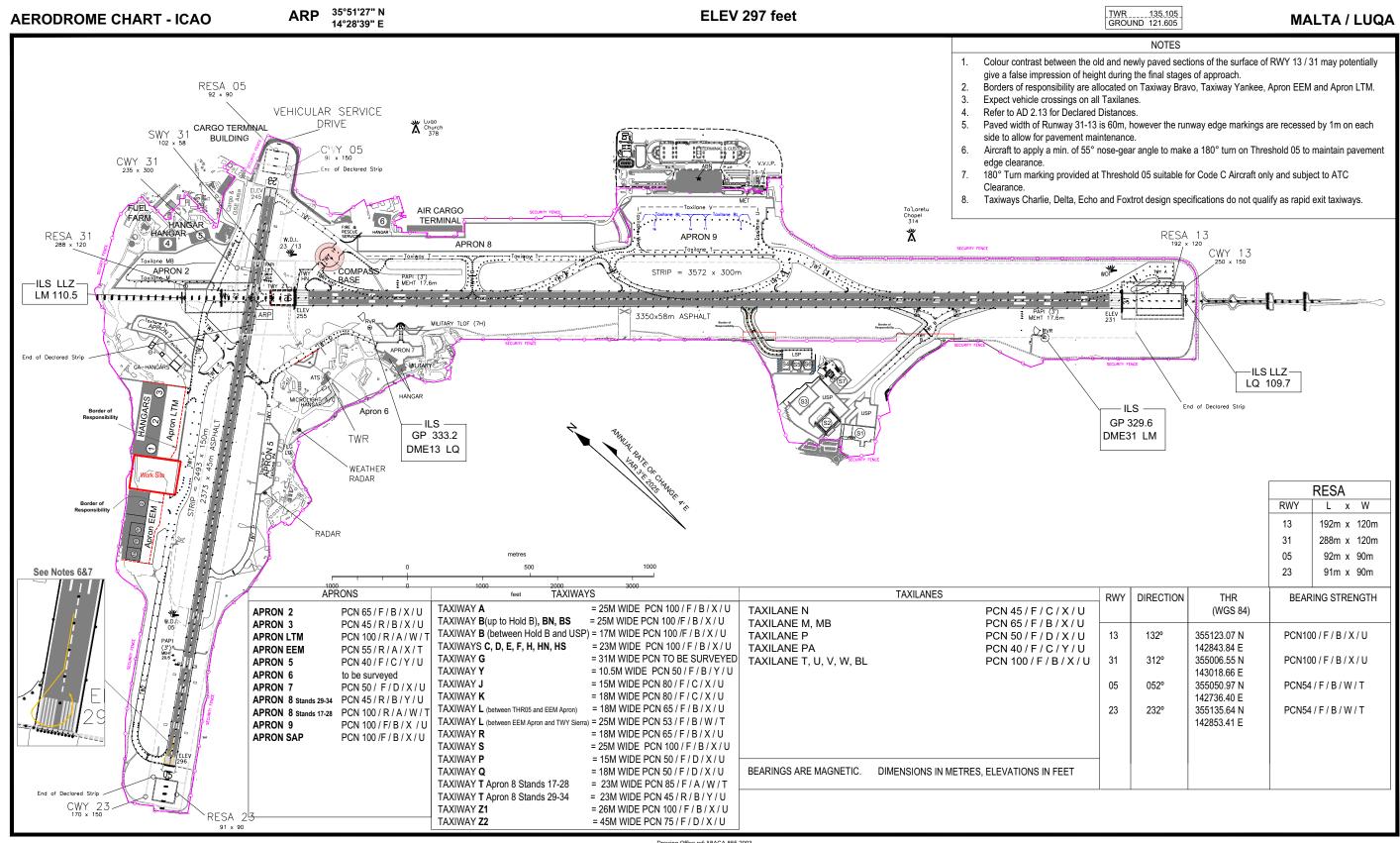
5. LMML Deviations from Certification Specifications

Deviation Type	Reference	Location	Description
1	2	3	4
	TM/CAD/CB/SC/ LMML/001/211217		Following landing on Runway 05, visibility along the LDA may be limited to the runway midpoint.
	TM/CAD/CB/SC/ LMML/002/211217		Longitudinal slope of the graded portion may exceed the 1.5% requirement.
	TM/CAD/CB/SC/ LMML/003/211217	RWY 05	The 2.5% transverse slope requirement may be exceeded in the proximity of Runway 05.
	TM/CAD/CB/SC/ LMML/005/211217		Transitional surface to the starboard side marginally breached at the initial 385m of the runway by the airfield fence line and vegetation.
	TM/CAD/CB/SC/ LMML/001/211217	RWY 23	Following landing on Runway 23, the last 565m of the LDA may not be visible.
	TM/CAD/CB/SC/ LMML/002/211217		Longitudinal slope of the graded portion may exceed the 1.5% requirement.
	TM/CAD/CB/SC/ LMML/003/211217		The 2.5% transverse slope requirement may be exceeded in the proximity of Runway 05.
	TM/CAD/CB/SC/ LMML/005/211217		Transitional surface to the port side marginally breached at the final 385m of the runway by the airfield fence line and vegetation.
Special Condition	TM/CAD/CB/SC/ LMML/002/211217		Longitudinal slope of the graded portion may exceed the 1.5% requirement.
	TM/CAD/CB/SC/ LMML/008/010424	RWY 13	Penetration of the approach surface at the extreme portside edge at approximately 560m from Threshold Runway 13.
	TM/CAD/CB/SC/ LMML/009/240624		Penetration to the portside transitional surface at a distance of 305m from Runway 13 centreline.
	TM/CAD/CB/SC/ LMML/002/211217	RWY 31	Longitudinal slope of the graded portion may exceed the 1.5% requirement.
	TM/CAD/CB/SC/ LMML/009/240624	KWIJI	Penetration to the starboard side transitional surface at a distance of 305m from Runway 31 centreline.
	TM/CAD/CB/SC/ LMML/004/211217	TWY L	Taxiway strip transverse slope located short of Holding Point L may exceed the 2.5% requirement.
	TM/CAD/CB/SC/ LMML/006/200722	All holding points	'RWY AHEAD' markings provided at all holding points.
	TM/CAD/CB/SC/ LMML/ 007/010222		Due to topographic limitations, the information markings provided on Taxiways K, L and P are limited to a 2m inscription height.

Deviation Type	Reference	Location	Description	
1	2	3	4	
	TM/CAD/CB/DAAD/ LMML/005/211217		The operation of stop bars on the runway holding points are not interlocked with the operation of the taxiway centreline lights.	
	TM/CAD/CB/DAAD/ LMML/008/211217	RWY 13/31	Minor deviations to ground lighting chromaticity may be expected.	
	TM/CAD/CB/DAAD/ LMML/009/240321		Marginal irregularity present along Runway 13/31 pavement / graded area interface.	
	TM/CAD/CB/DAAD/ LMML/011/240321		Grading quality and transverse slopes' requirements on the area located between Runway 05 TDZ and Hold Lima are not met.	
Deviation Acceptance and Action Document	TM/CAD/CB/DAAD/ LMML/015/290121	RWY 23/05	Simple Approach Lighting System for Runway 23/05 limited to 180m. RTILs provided at both thresholds and runway centreline lights available.	
	TM/CAD/CB/DAAD/ LMML/012/010222	TWY D	Code E and F aircraft taxiing along Taxiway D may experience reduced main gear clearance from the taxiway edge. Hard shoulder along taxiway edge provided.	
	TM/CAD/CB/DAAD/ LMML/014/230319	TWY A	Aircraft holding at Holding Point A and A1 infringe the approach surface to Runway 31 but have no consequence on ICAO PANS-OPS surfaces associated with Runway 13/31.	
	TM/CAD/CB/DAAD/ LMML/016/290121	RWY 13	Precision Approach Lighting System for Runway 13 (CAT I) limited to 810m.	
	TM/CAD/CB/DAAD/ LMML/018/290121	Aprons 2		
		Apron 5	Taxiway designators O and O Inner (Apron 2), P Inner (Apron 5) and I (Apron 8) are not compliant.	
		Apron 8	and the promotion of the complaint	
Equivalent Level of Safety	TM/CAD/CB/ELoS/ LMML/001/211217	Apron 2		
		Apron 3		
		Apron 8 South	Blue surface markings provided on these aprons and on Taxiway H.	
		Apron 9		
		TWY H		

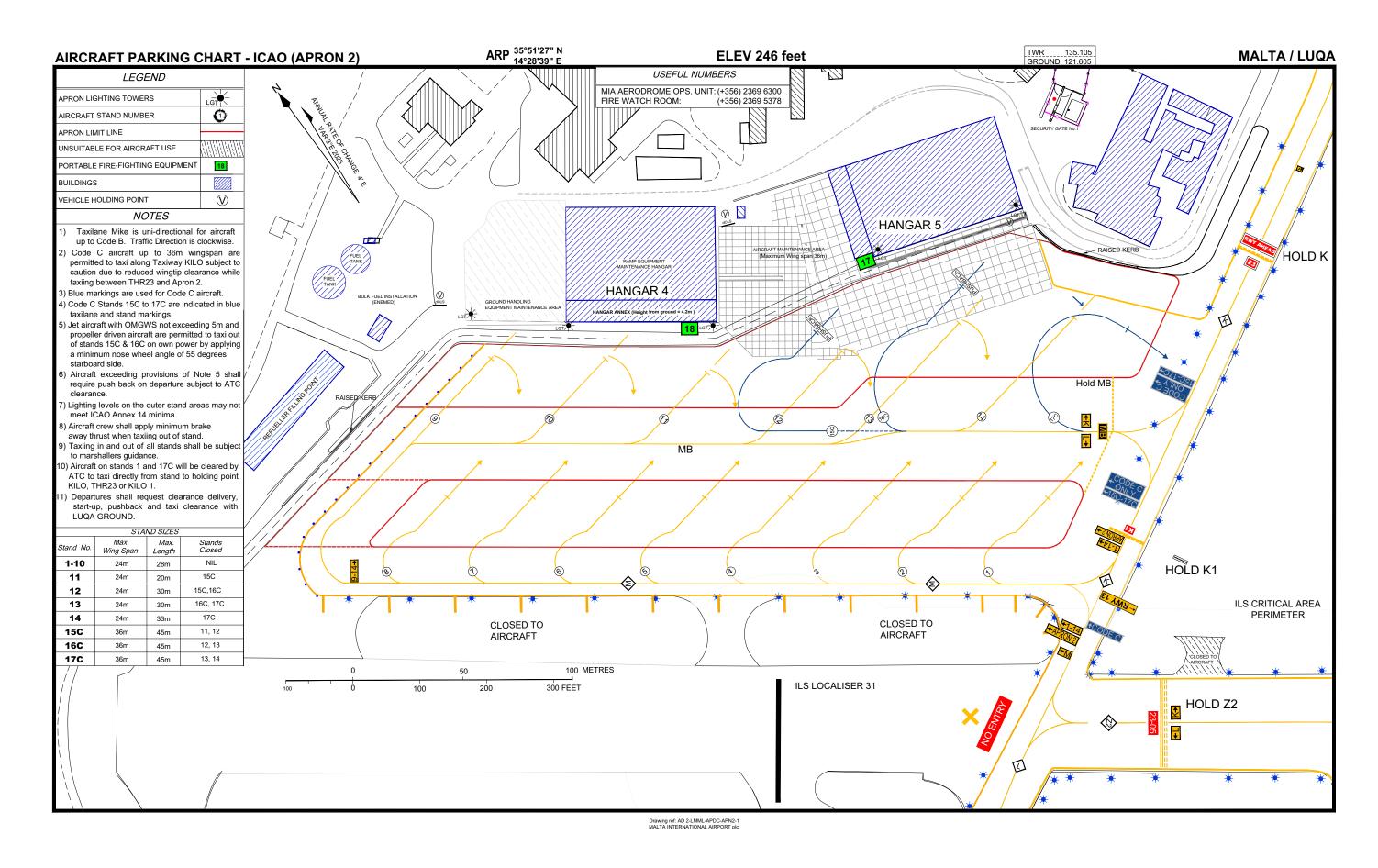
LMML AD 2.24 CHARTS RELATED TO AN AERODROME

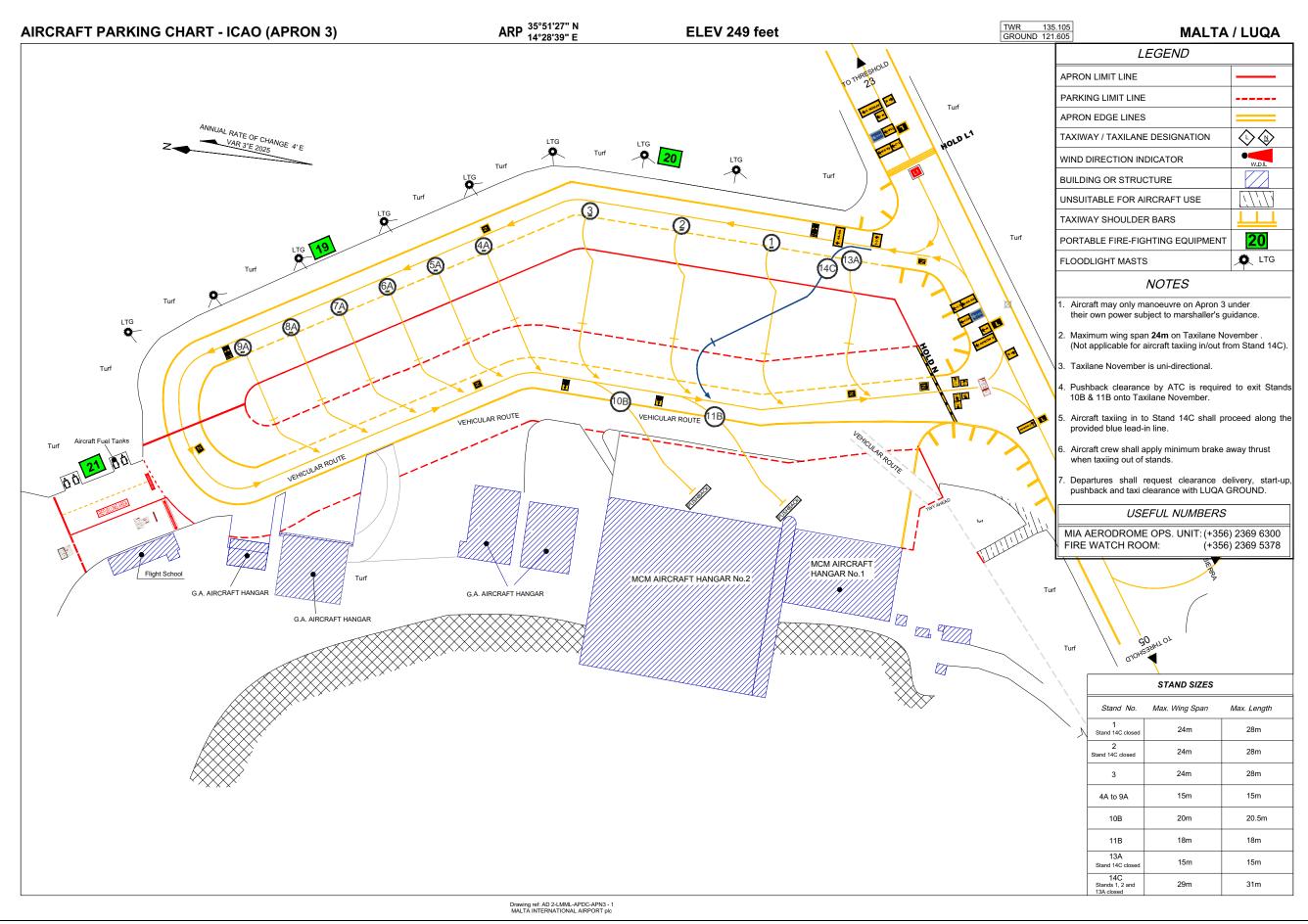
Chart name	Page
Aerodrome Chart — ICAO	AD 2-LMML-ADC - 1
Aircraft Parking Chart — ICAO (Apron 2)	AD 2-LMML-APDC-APN2 - 1
Aircraft Parking Chart — ICAO (Apron 3)	AD 2-LMML-APDC-APN3 - 1
Aircraft Parking Chart — ICAO (Apron LTM)	AD 2-LMML-APDC-APNLTM - 1
Aircraft Parking Chart — ICAO (Apron 5)	AD 2-LMML-APDC-APN5 - 1
Aircraft Parking Chart — ICAO (Apron 6)	AD 2-LMML-APDC-APN6 - 1
Aircraft Parking Chart — ICAO (Apron 7)	AD 2-LMML-APDC-APN7 - 1
Aircraft Parking Chart — ICAO (Apron 8)	AD 2-LMML-APDC-APN8 - 1
Aircraft Parking Chart — ICAO (Apron 9)	AD 2-LMML-APDC-APN9 - 1
Aircraft Parking Chart — ICAO SAP (LSP / USP APRONS)	AD 2-LMML-APDC-APNSAF - 1
Aircraft Parking Chart — ICAO (Apron EEM)	AD 2-LMML-APDC-APNEEM - 1
Aerodrome Ground Movement Chart — ICAO	AD 2-LMML-AGMC - 1
Aerodrome Obstacle Chart — ICAO Type A (Operating Limitations) RWY 23/05	AD 2-LMML-AOC-A-RWY23-05 - 1
Aerodrome Obstacle Chart — ICAO Type A (Operating Limitations) RWY 13/31	AD 2-LMML-AOC-A-RWY13-31 - 1
Aerodrome Obstacle Chart — ICAO Type B	AD 2-LMML-AOC-B - 1
Precision Approach Terrain Chart — ICAO (RWY 13)	AD 2-LMML-PATC13 - 1
Precision Approach Terrain Chart — ICAO (RWY 31)	AD 2-LMML-PATC31 - 1
Standard Departure Chart — Instrument — ICAO (RWY 05)	AD 2-LMML-SID05 - 1
Standard Departure Chart — Instrument — ICAO (RWY 13)	AD 2-LMML-SID13 - 1
Standard Departure Chart — Instrument — ICAO (RWY 23)	AD 2-LMML-SID23 - 1
Standard Departure Chart — Instrument — ICAO (RWY 31)	AD 2-LMML-SID31 - 1
Instrument Approach Chart — ICAO (ILS OR LOC RWY 13)	AD 2-LMML-IAC ILS13 - 1
Instrument Approach Chart — ICAO (ILS OR LOC RWY 31)	AD 2-LMML-IAC-ILS31 - 1
Instrument Approach Chart — ICAO (RNP RWY 05)	AD 2-LMML-IAC-RNP05 - 1
Instrument Approach Chart — ICAO (RNP RWY 13)	AD 2-LMML-IAC-RNP13 - 1
Instrument Approach Chart — ICAO (RNP RWY 23)	AD 2-LMML-IAC-RNP23 - 1
Instrument Approach Chart — ICAO (RNP RWY 31)	AD 2-LMML-IAC-RNP31 - 1
Areas Requiring Special Attention (ARSA) Chart	AD 2-LMML-MISC-ARSA - 1
ATC Surveillance Minimum Altitude Chart	AD 2-LMML-SMAC - 1
RNAV Visual Approach Chart (RWY 31)	AD 2-LMML-MISC-VAC31 - 1
Luqa Control Zone (CTR)	AD 2-LMML-MISC-CA - 1
Visual Reporting Points (VRP)	AD 2-LMML-MISC-VRP - 1
Standard VFR Arrival Routes	AD 2-LMML-MISC-SVA - 1
Standard VFR Departure Routes	AD 2-LMML-MISC-SVD - 1
Circuit Holding Areas in the Luqa ATZ for LIGHT aircraft	AD 2-LMML-MISC-CHA1 - 1
Grand harbour (GH) Circuit Holding Area	AD 2-LMML-MISC-CHA2 - 1
Temples (TP) Circuit Holding Area	AD 2-LMML-MISC-CHA3 - 1
Visual Circuit RWY 05 for LIGHT aircraft	AD 2-LMML-MISC-VC1 - 1
Visual Circuit RWY 13 for LIGHT aircraft	AD 2-LMML-MISC-VC2 - 1
Visual Circuit RWY 13 for LIGHT aircraft - low-level circuit	AD 2-LMML-MISC-VC3 - 1
Standard Right-Hand Visual Circuit RWY 13 for MEDIUM/HEAVY aircraft	AD 2-LMML-MISC-VC4 - 1
Visual Circuit RWY 23 for LIGHT aircraft	AD 2-LMML-MISC-VC5 - 1
Visual Circuit RWY 31 for LIGHT aircraft	AD 2-LMML-MISC-VC6 - 1
Visual Circuit RWY 31 for LIGHT aircraft - low-level circuit	AD 2-LMML-MISC-VC7 - 1
Standard Left-Hand Visual Circuit RWY 31 for MEDIUM/HEAVY aircraft	AD 2-LMML-MISC-VC8 - 1

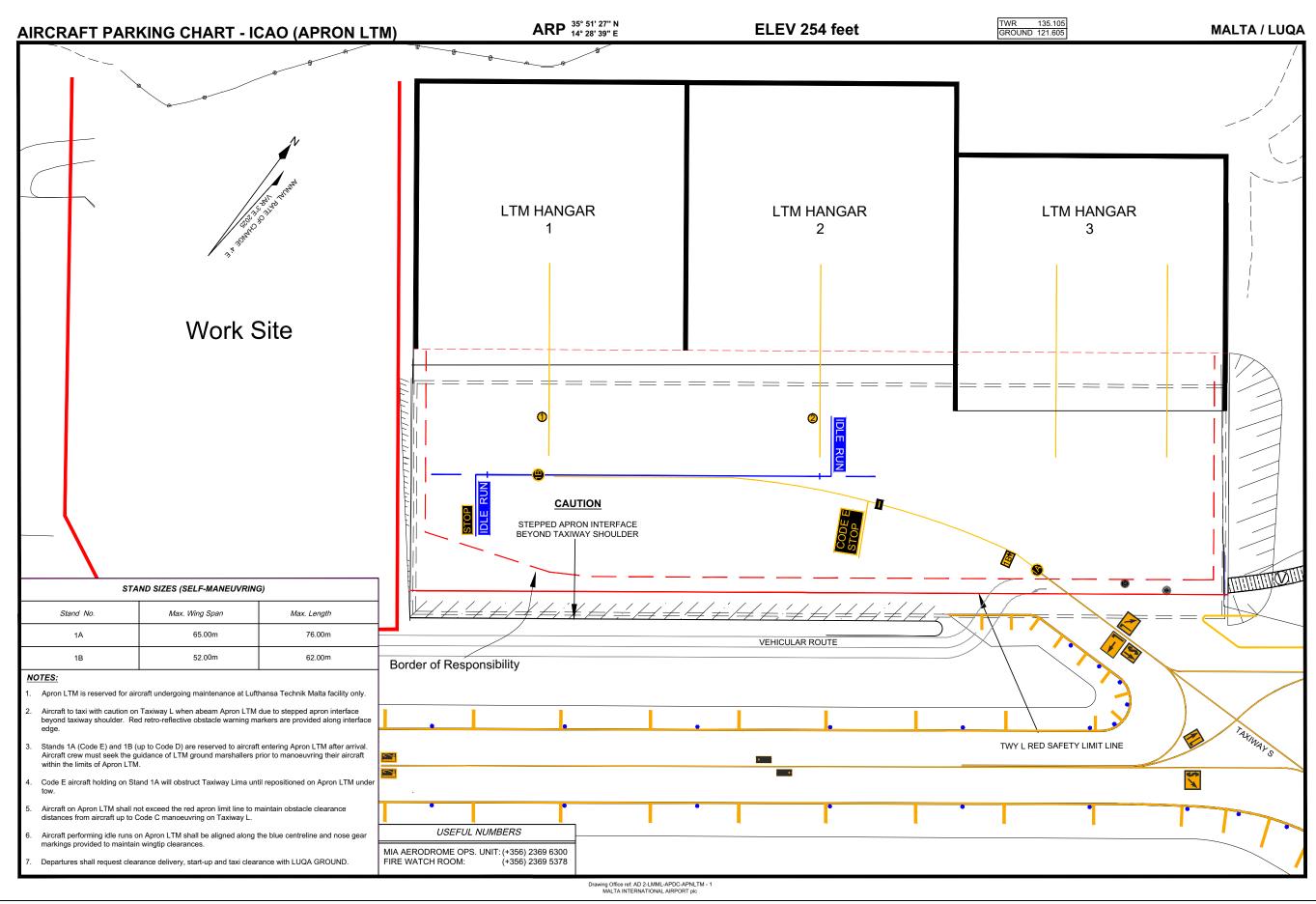


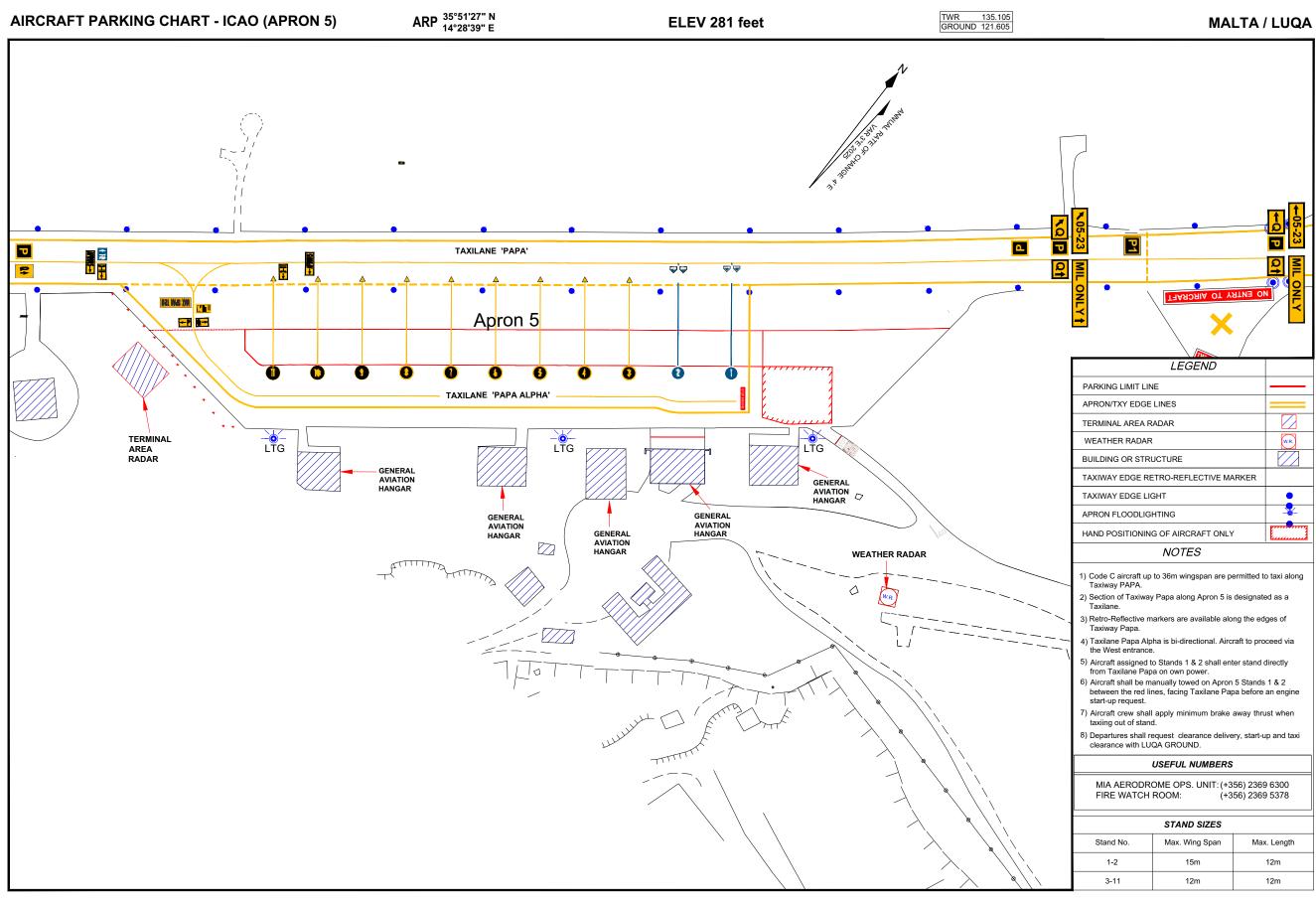
Drawing Office ref: MIACA-855-2003 MALTA INTERNATIONAL AIRPORT plc

Civil Aviation Directorate — Transport Malta AIRAC AMDT 073/2025

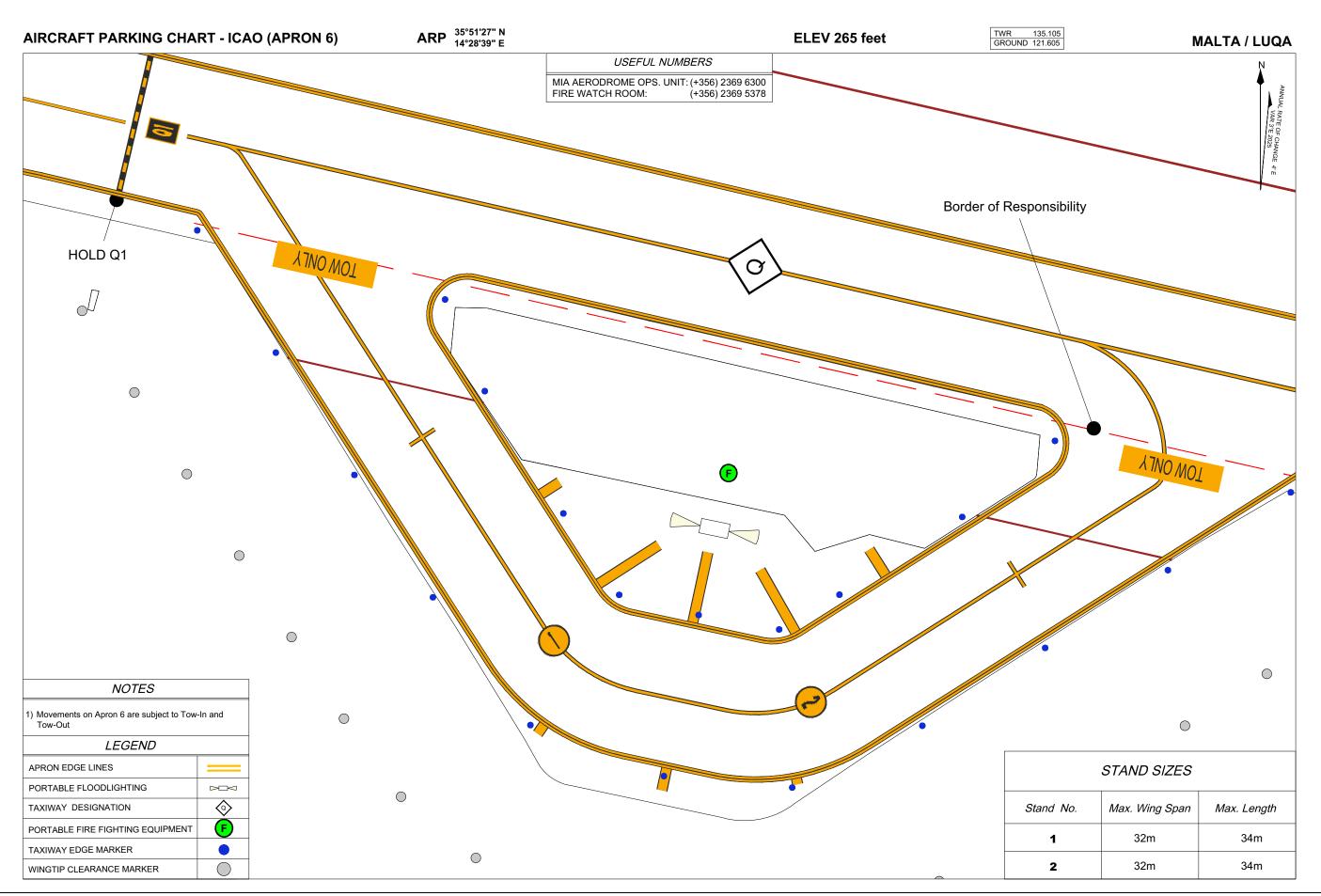


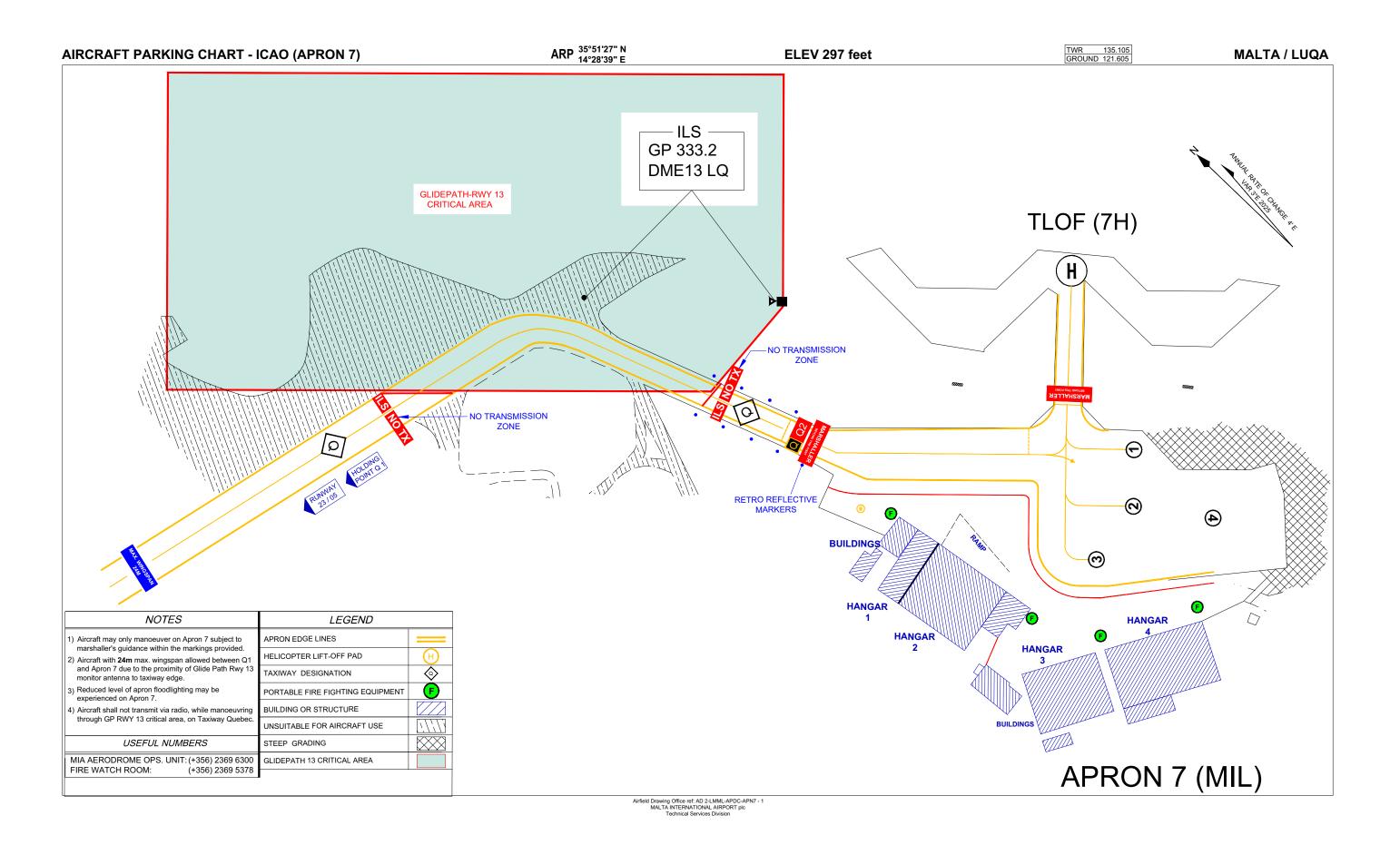


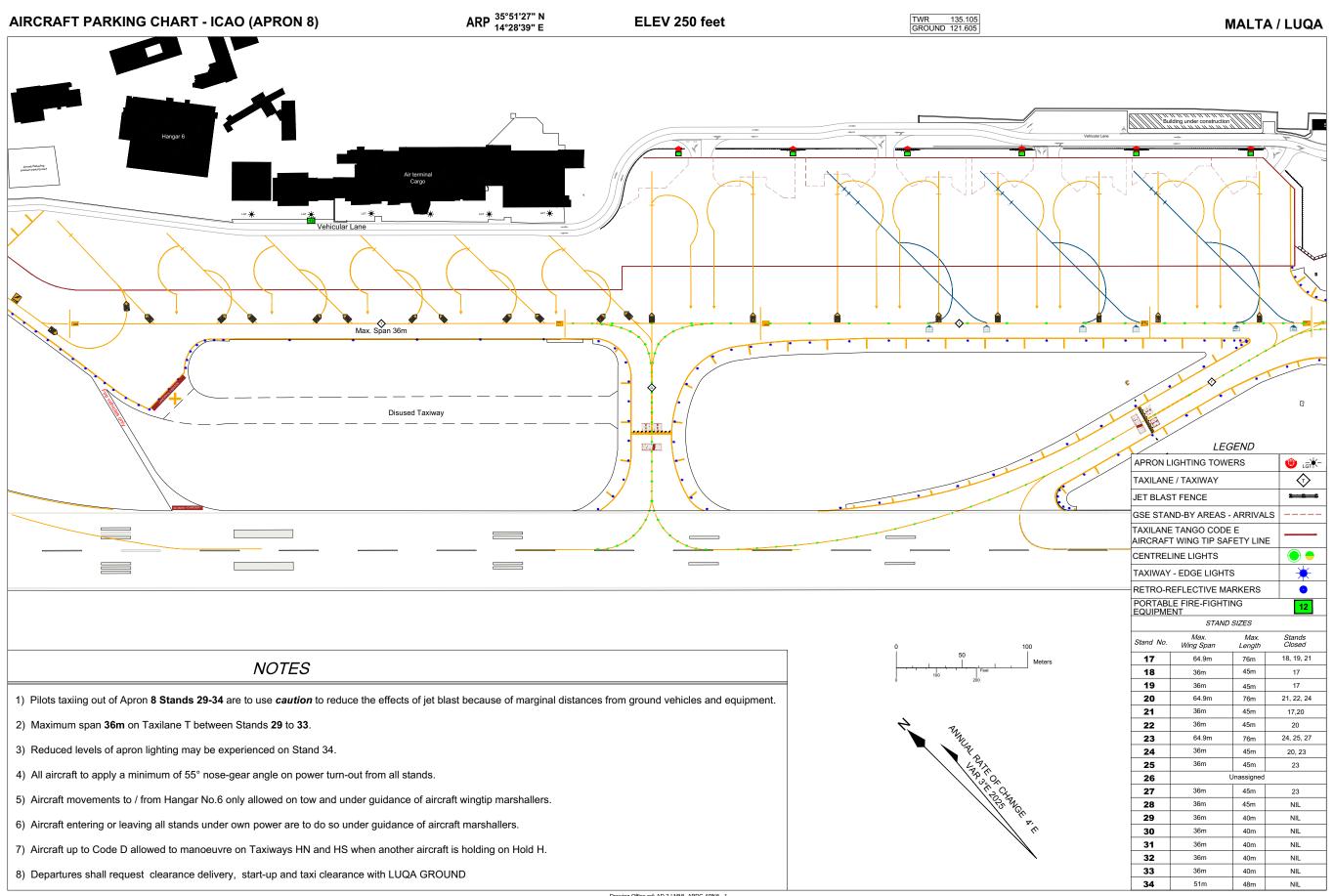




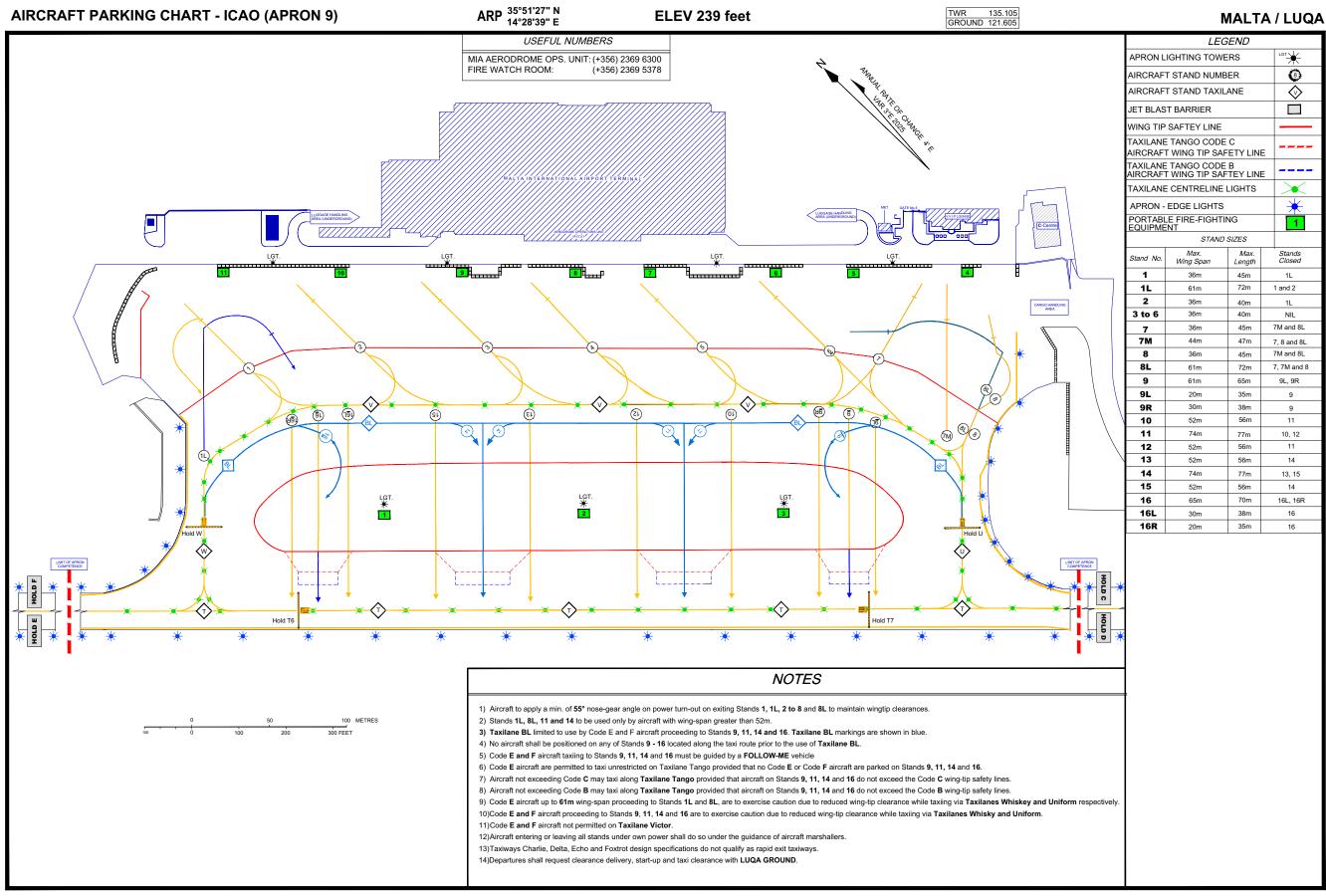
awing Office ref: AD 2-LMML-APDC-APN5 - 1 MALTA INTERNATIONAL AIRPORT plc



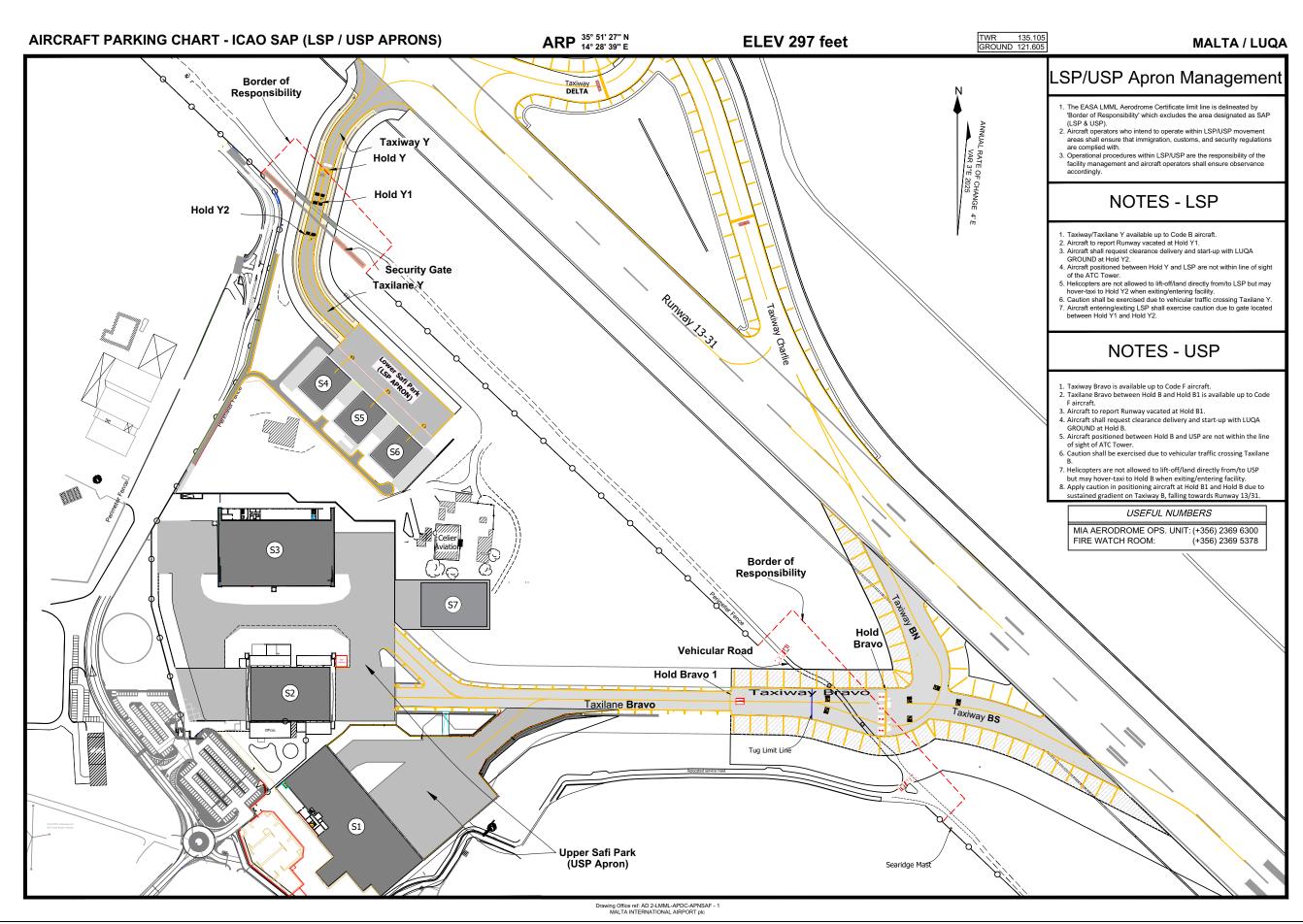




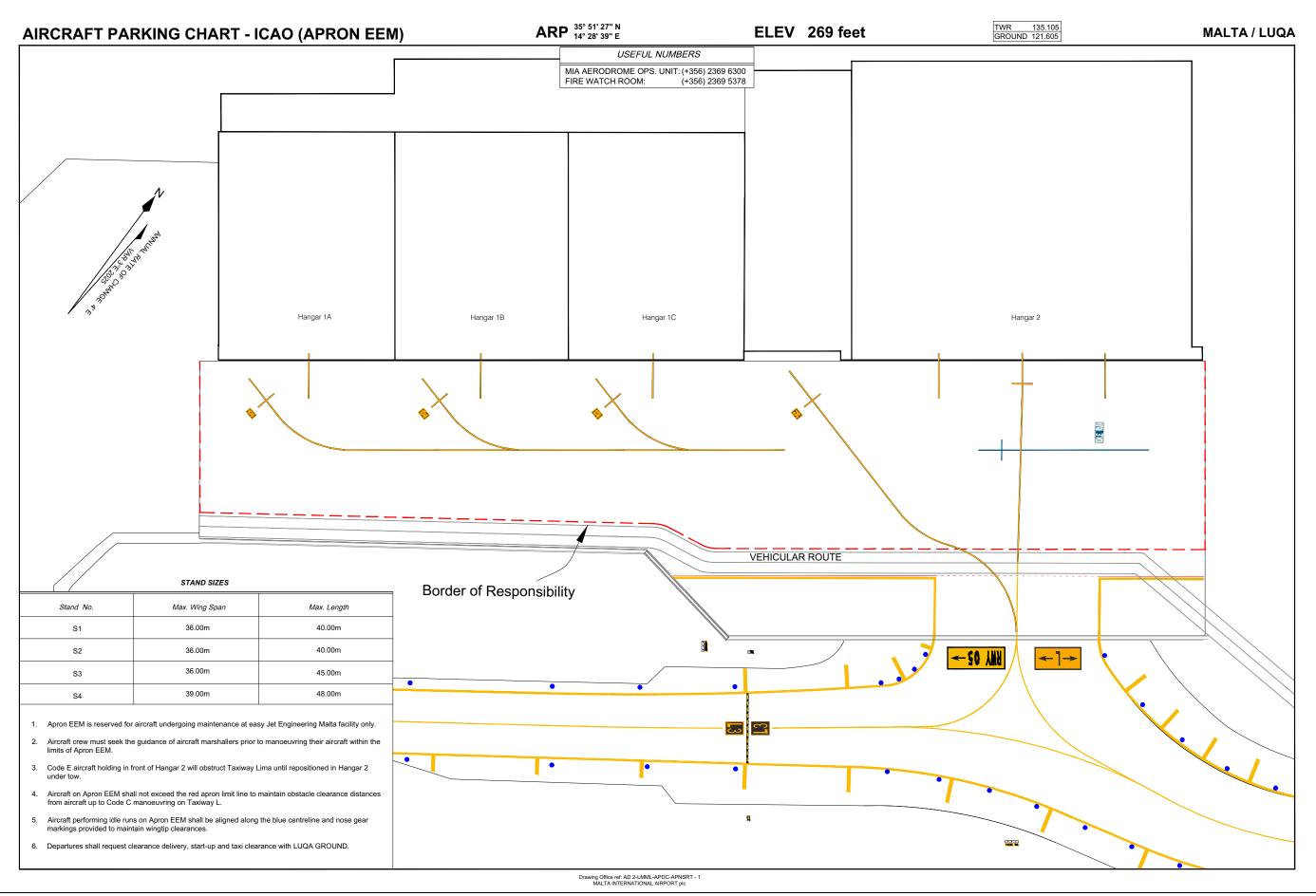
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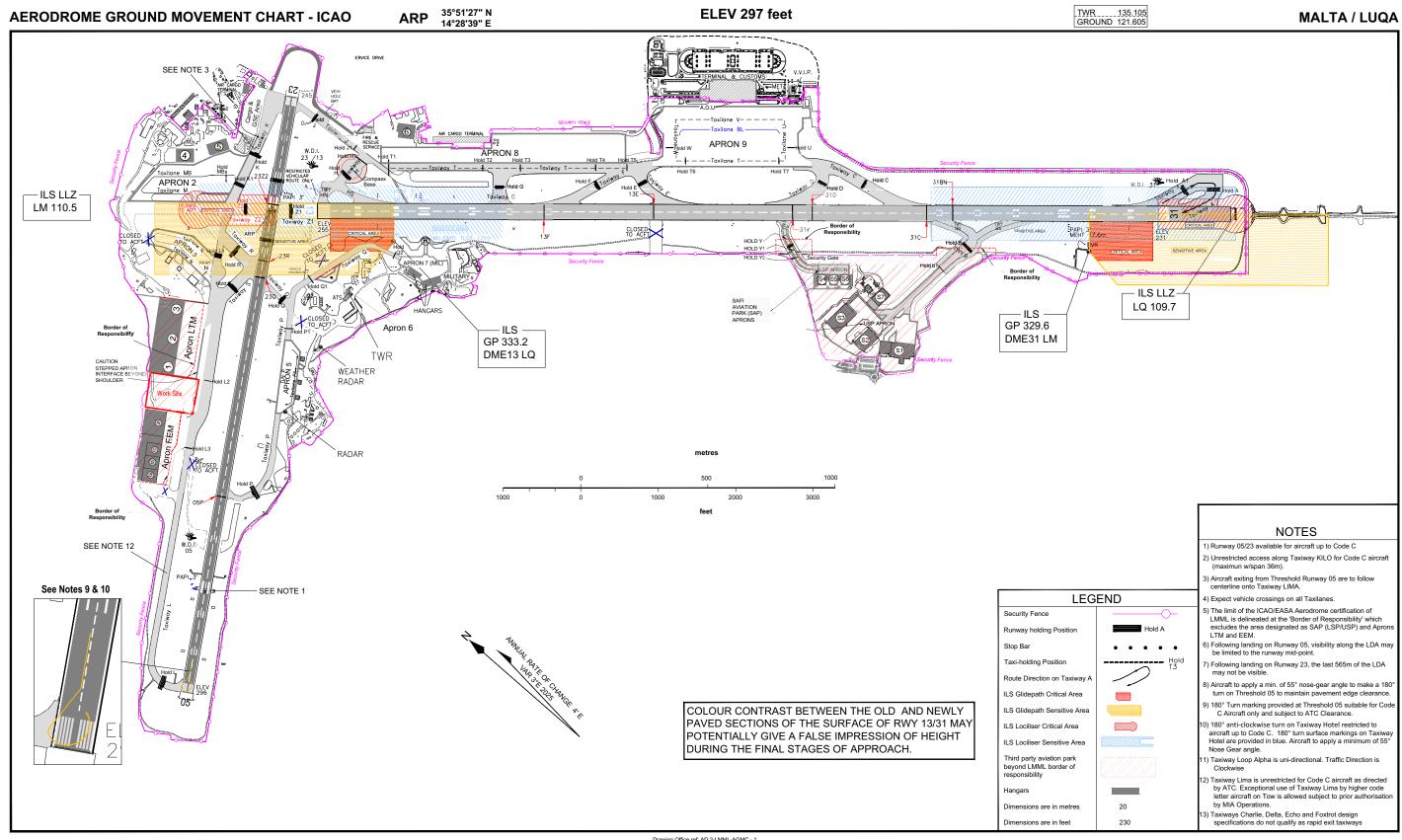


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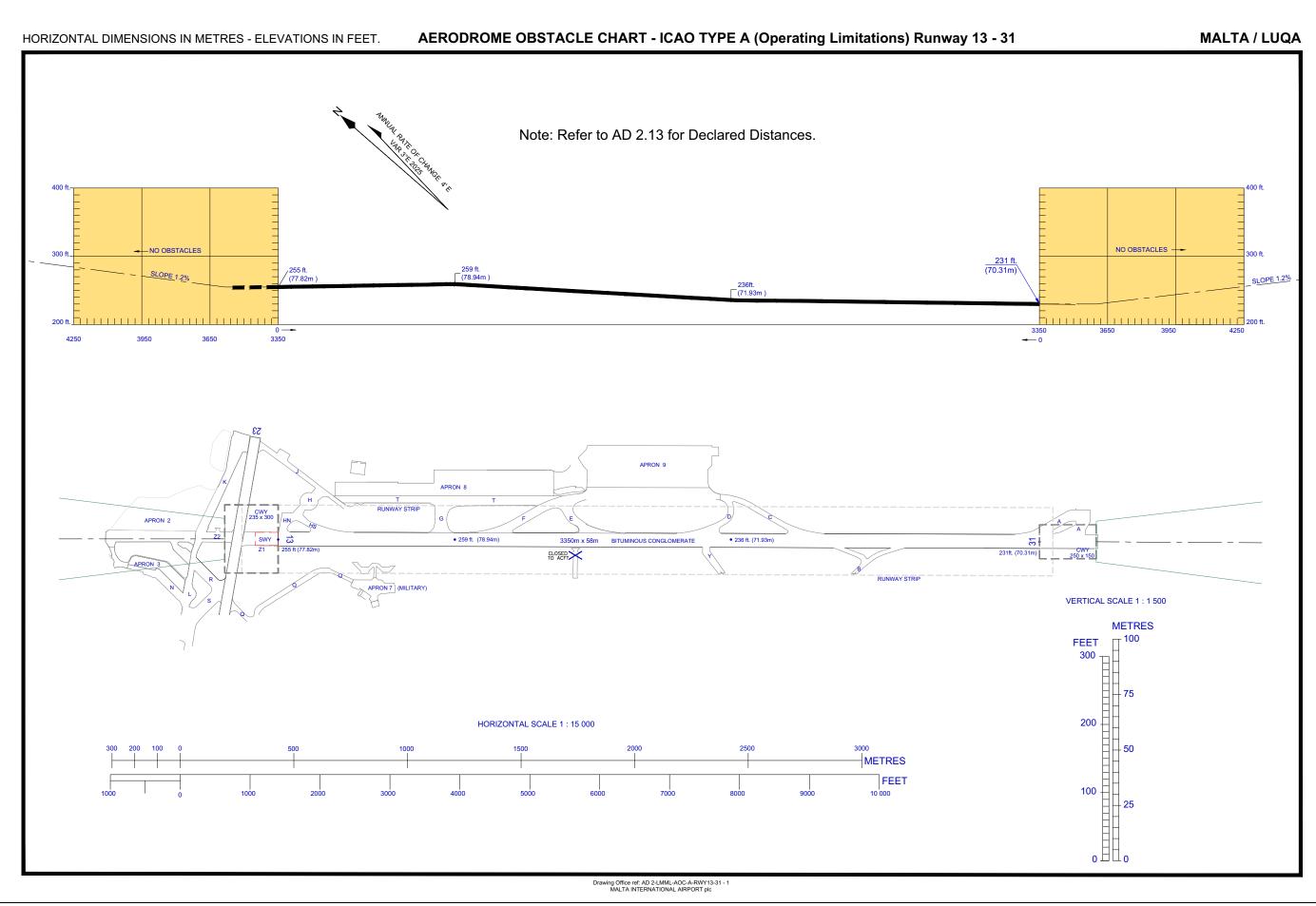
Civil Aviation Directorate — Transport Malta AIRAC AMDT 073/2025

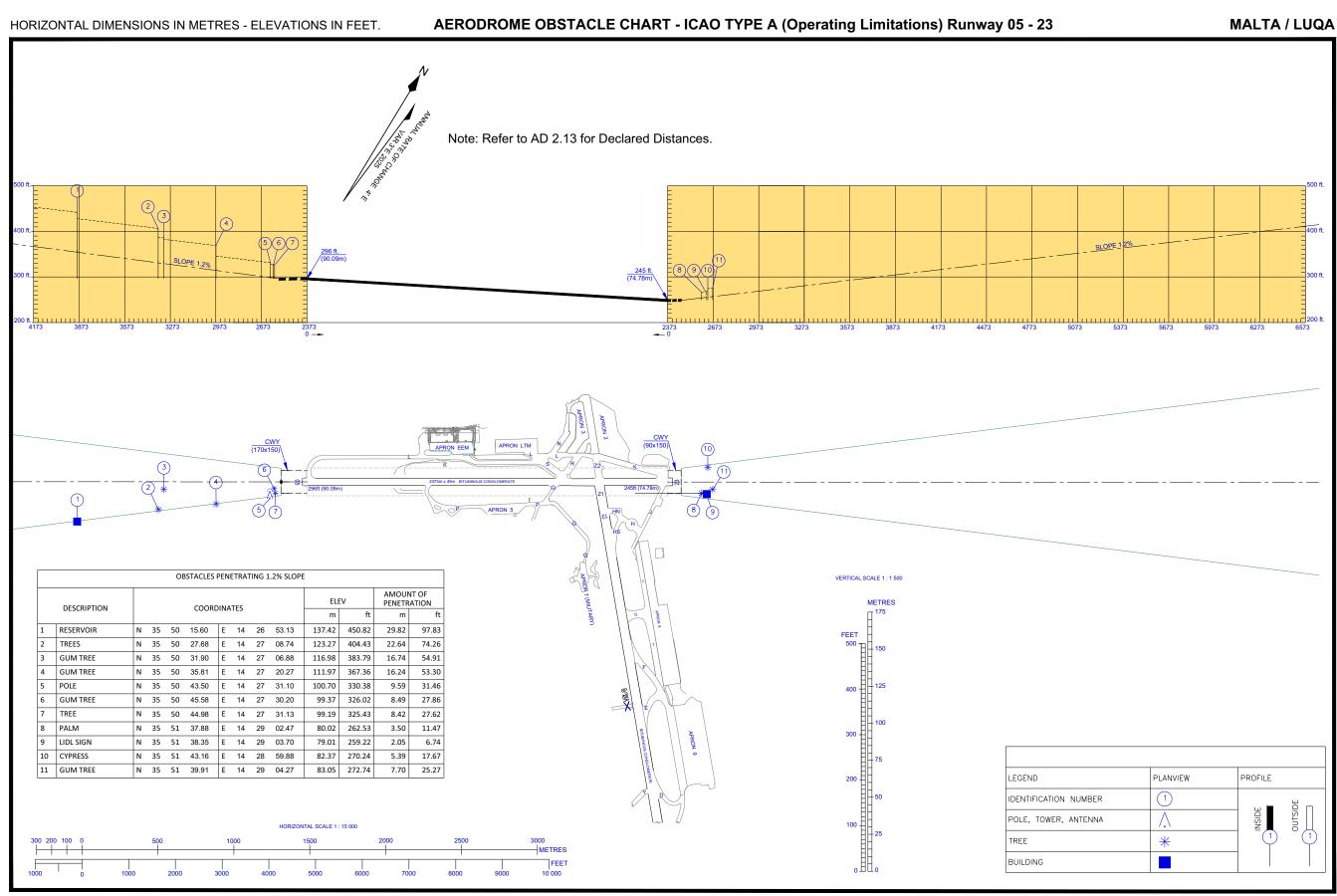




Drawing Office ref: AD 2-LMML-AGMC - 1 MALTA INTERNATIONAL AIRPORT plc

Civil Aviation Directorate — Transport Malta AIRAC AMDT 073/2025

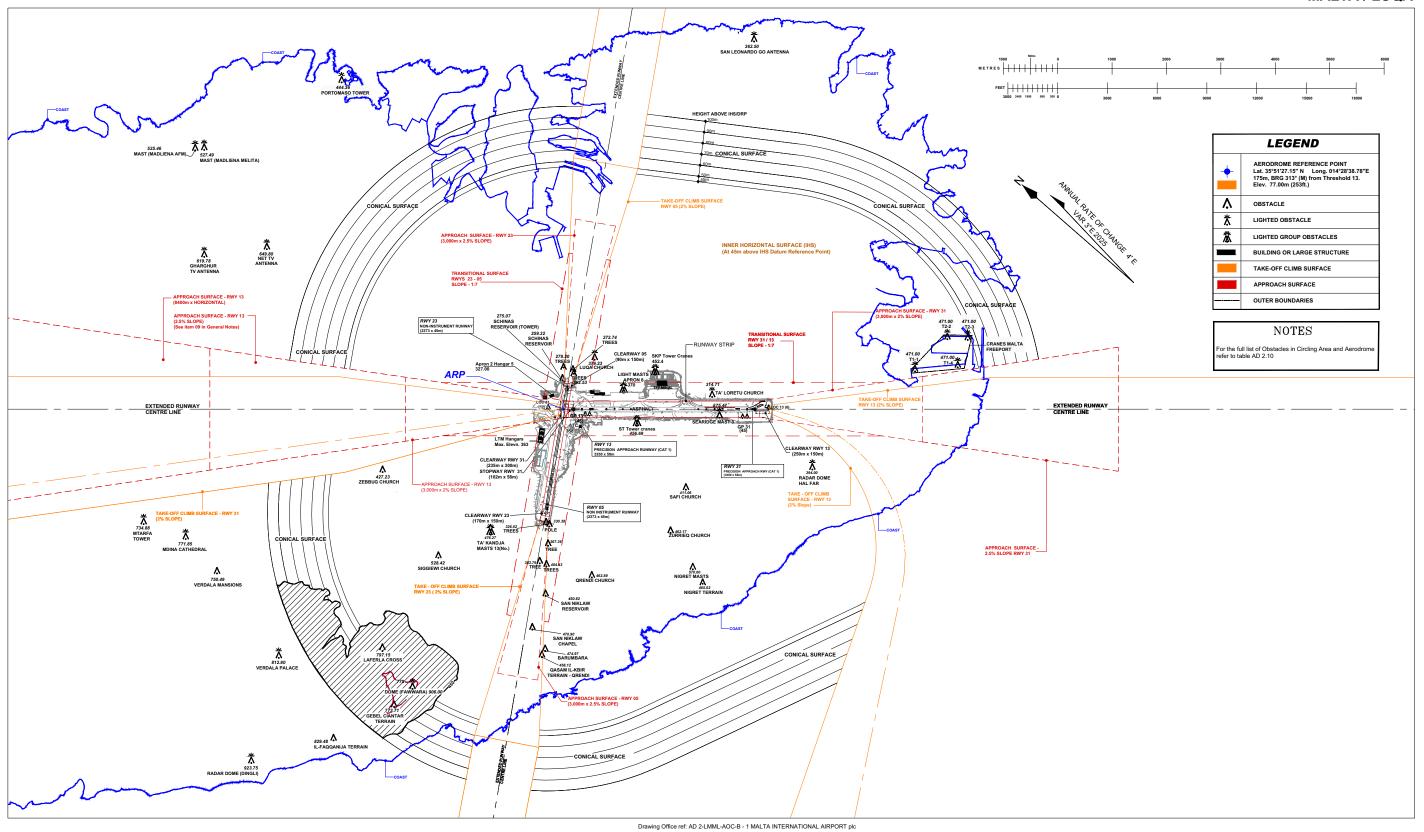




Drawing Office ref: AD 2-LMML-AOC-A-RWY23-05 - 1 MALTA INTERNATIONAL AIRPORT plc

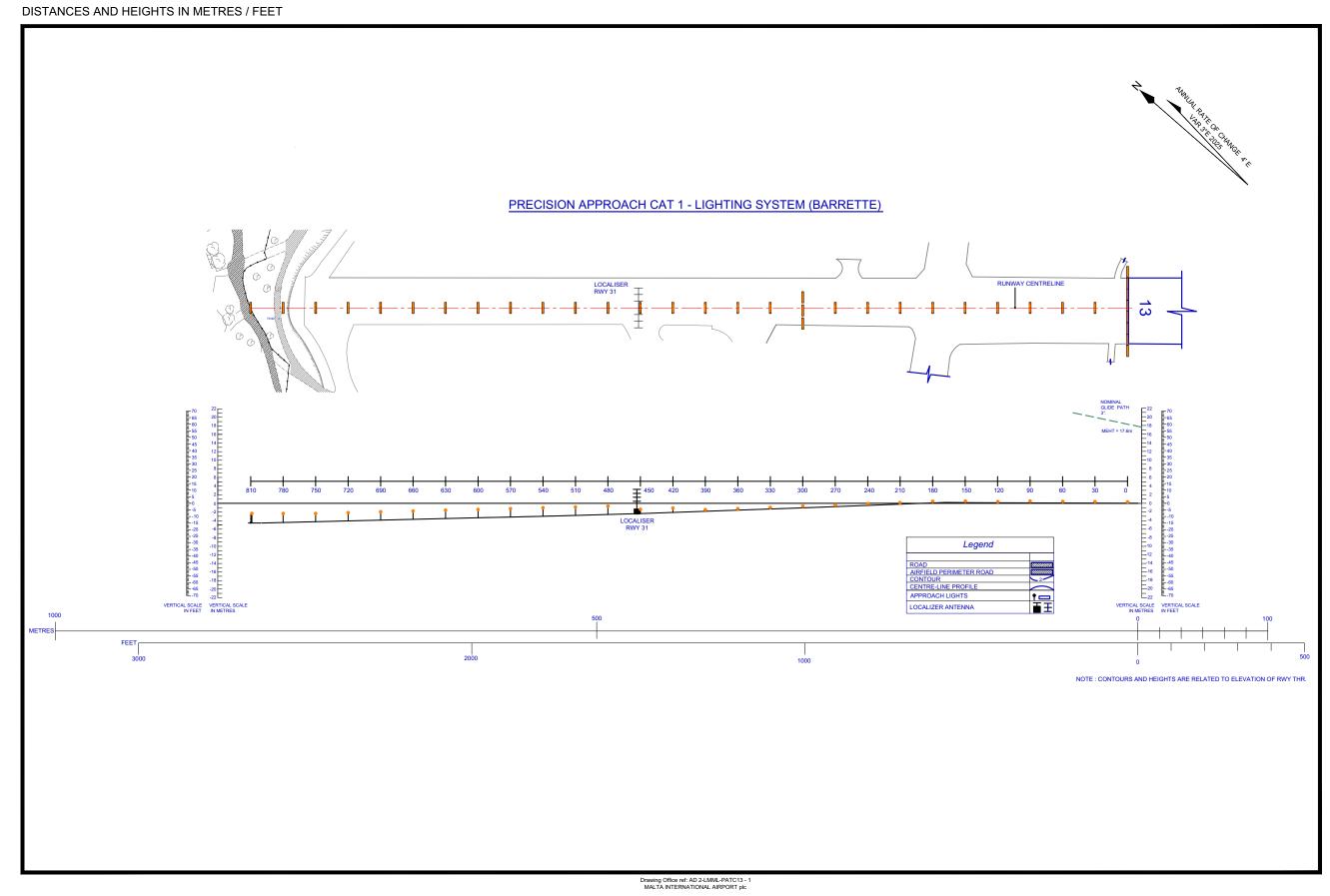
AERODROME OBSTACLE CHART - ICAO (TYPE B)

MALTA / LUQA



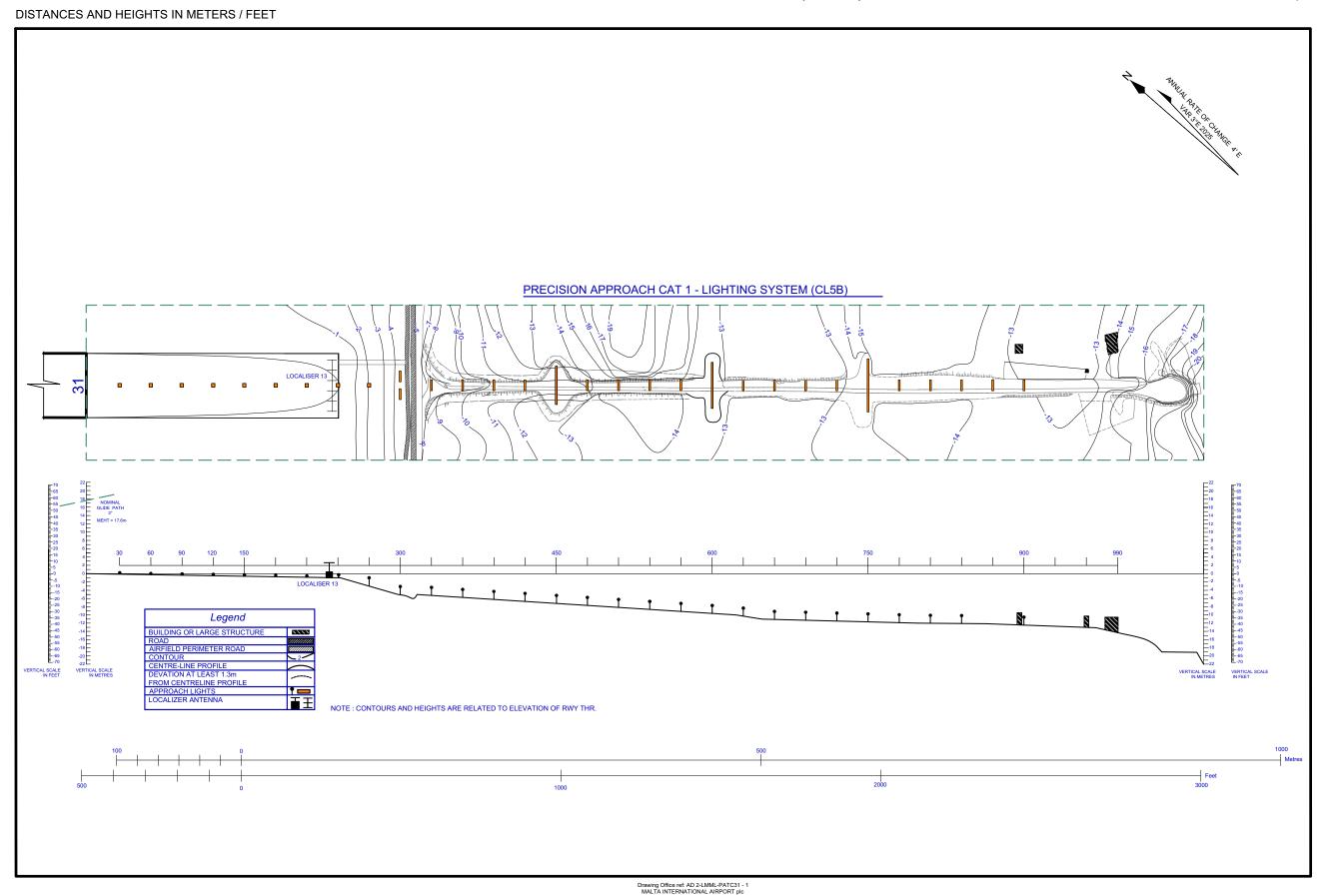
PRECISION APPROACH TERRAIN CHART - ICAO (RWY 13)

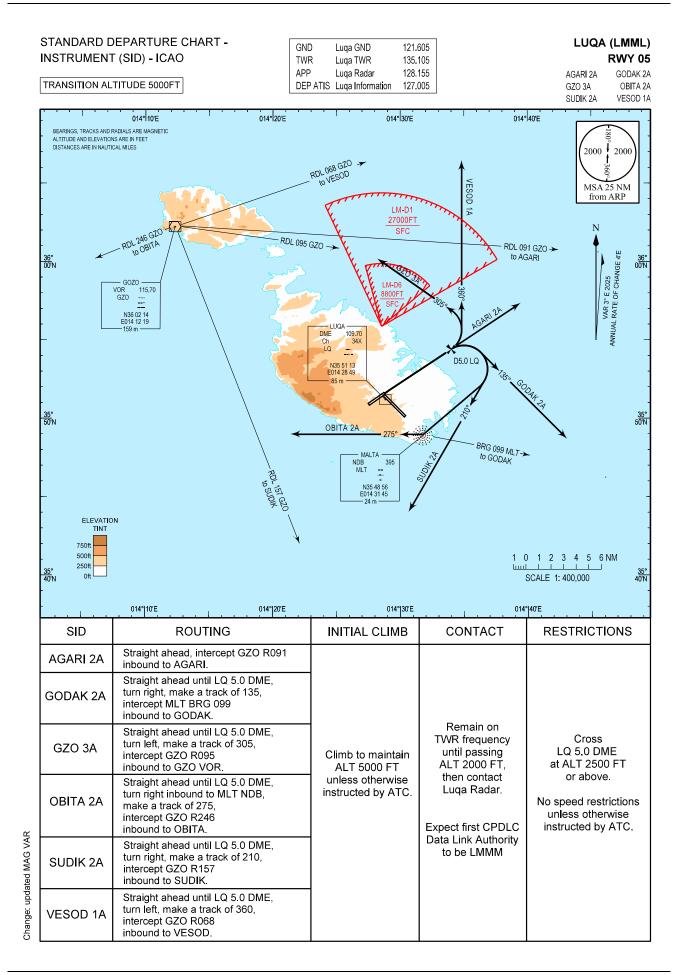
MALTA / LUQA



PRECISION APPROACH TERRAIN CHART - ICAO (RWY 31)

MALTA / LUQA





STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE 5000FT

 GND
 Luqa GND
 121.605

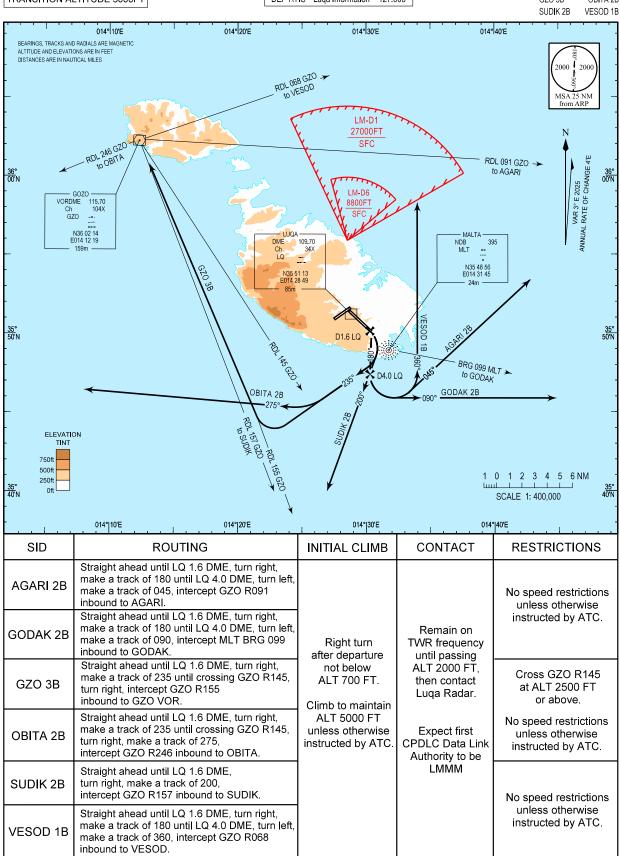
 TWR
 Luqa TWR
 135.105

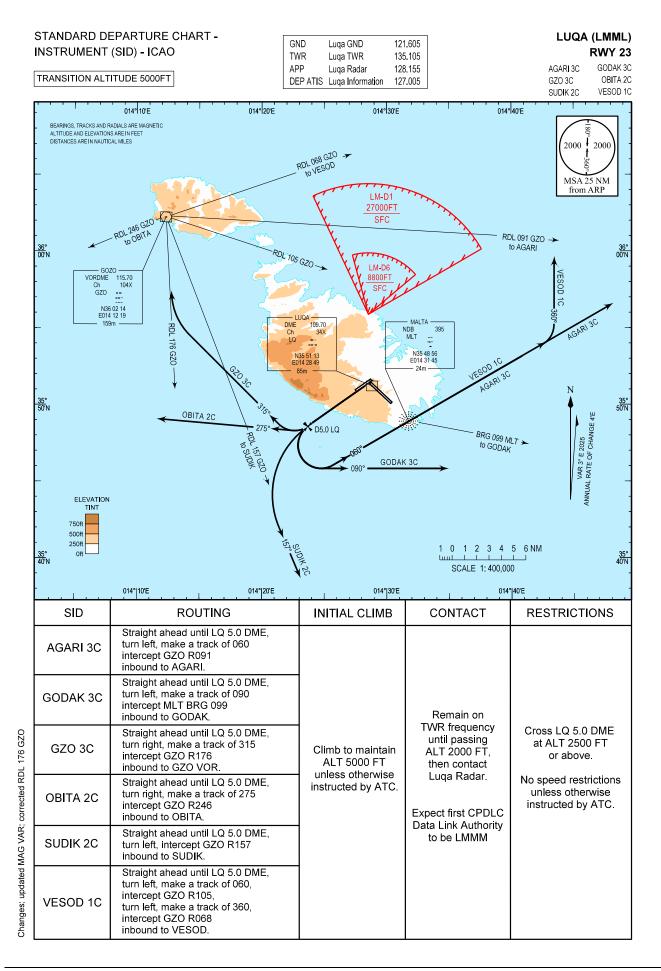
 APP
 Luqa Radar
 128.155

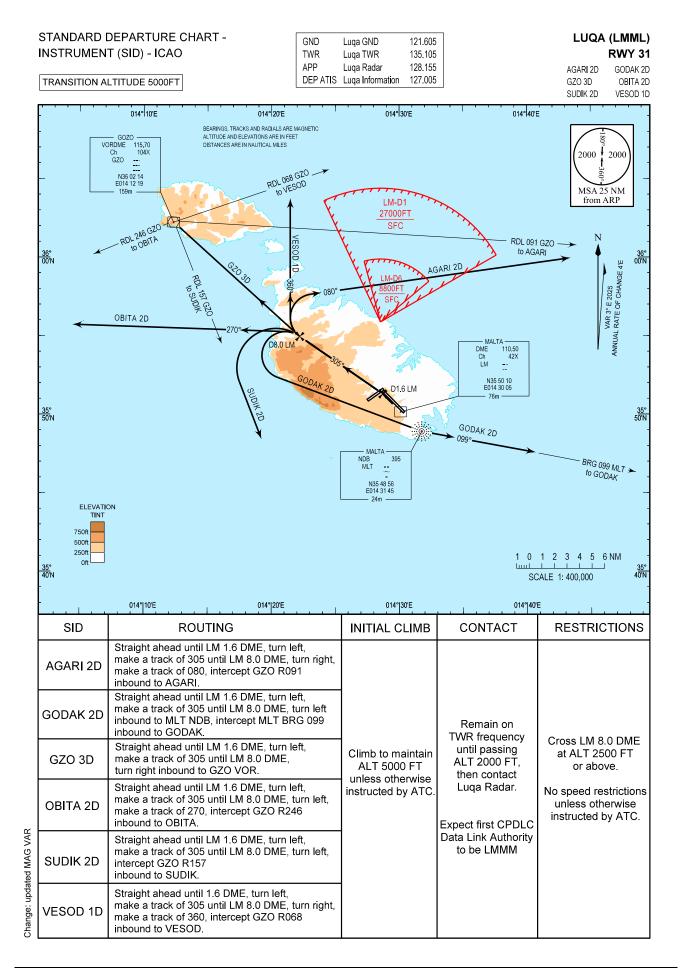
 DEP ATIS
 Luqa Information
 127.005

LUQA (LMML) RWY 13

AGARI 2B GODAK 2B GZO 3B OBITA 2B SUDIK 2B VESOD 1B







INSTRUMENT APPROACH CHART - ICAO

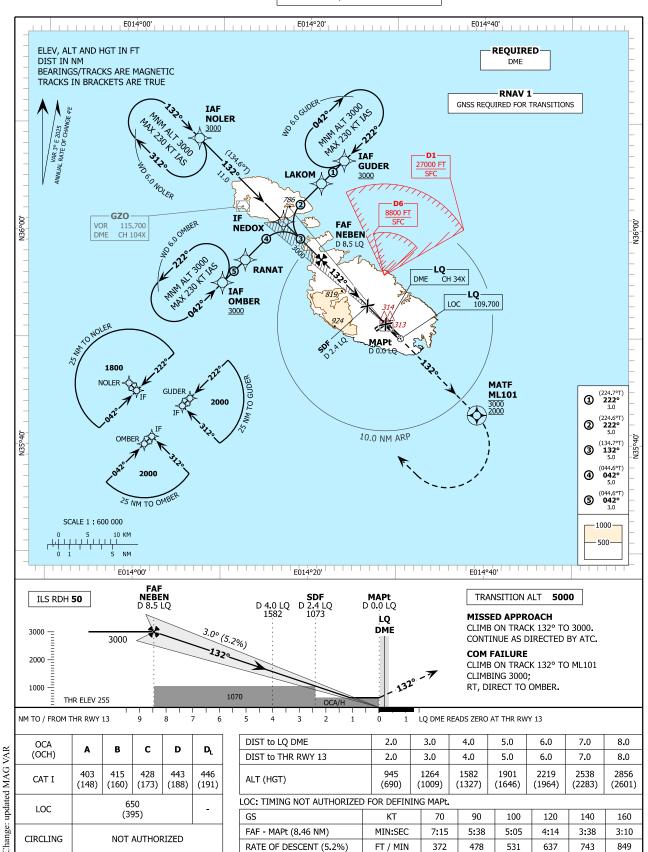
AD ELEV 297 OCH RELATED TO THR RWY 13 ELEV 255
 GND
 Luqa GND
 121.605

 TWR
 Luqa TWR
 135.105

 APP
 Luqa Radar
 128.155

 ARR ATIS
 Luqa Information
 127.405

MALTA/LUQA LMML ILS OR LOC RWY 13



MALTA/LUQA LMML ILS OR LOC RWY 13 INSTRUMENT APPROACH CHART - ICAO

AERONAUTICAL DATA TABULATION

FIX/POINT	COORDINATES
GUDER	36°06'33.9"N 014°23'52.7"E
LAKOM	36°04'25.7"N 014°21'16.5"E
LQ DME	35°51'13.3"N 014°28'49.3"E
LQ LOC	35°50'00.6"N 014°30'26.0"E
MAPt - BRG 131.71° / D 0.00 LQ	35°51'23.1"N 014°28'43.8"E
ML101	35°42'56.3"N 014°39'10.3"E
NEBEN - BRG 131.63° / D 8.45 LQ	35°57'20.8"N 014°21'19.6"E
NEDOX	36°00'51.9"N 014°16'56.6"E
NOLER	36°08'35.8"N 014°07'16.6"E
OMBER	35°55'09.6"N 014°10'01.4"E
RANAT	35°57′18.0"N 014°12′37.0"E
SDF - BRG 131.69° / D 2.40 LQ	35°53'05.1"N 014°26'37.3"E
THR RWY 13	35°51'23.13"N 014°28'43.76"E

INSTRUMENT APPROACH CHART - ICAO

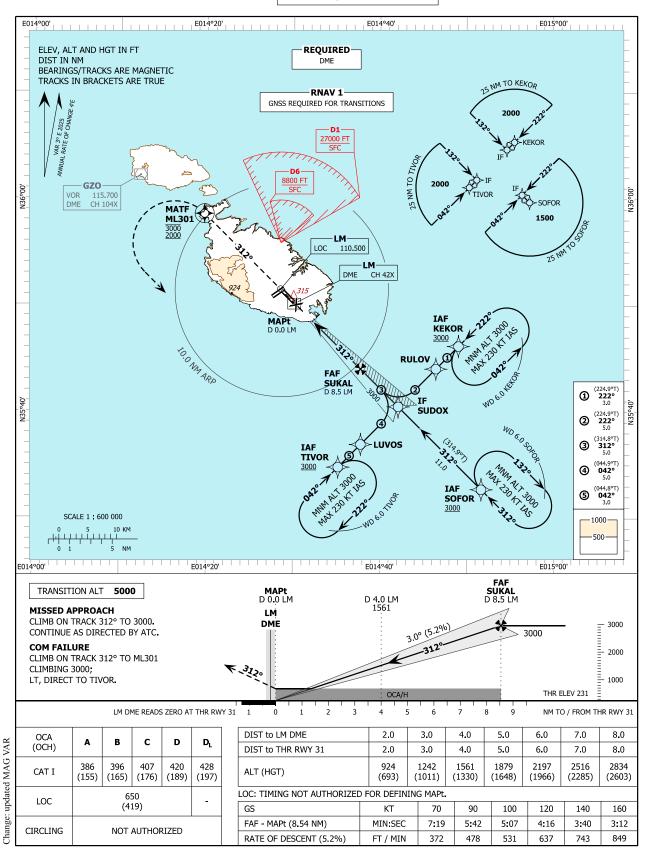
AD ELEV 297 OCH RELATED TO THR RWY 31 ELEV 231
 GND
 Luqa GND
 121.605

 TWR
 Luqa TWR
 135.105

 APP
 Luqa Radar
 128.155

 ARR ATIS
 Luqa Information
 127.405

MALTA/LUQA LMML ILS OR LOC RWY 31



MALTA/LUQA LMML ILS OR LOC RWY 31 INSTRUMENT APPROACH CHART - ICAO

AERONAUTICAL DATA TABULATION

FIX/POINT	COORDINATES
KEKOR	35°46'13.6"N 014°49'02.9"E
LM DME	38°35'09.7"N 014°30'05.3"E
LM LOC	35°51'33.8"N 014°28'30.6"E
LUVOS	35°37'00.1"N 014°37'47.2"E
MAPt - BRG 311.72° / D 0.00 LM	35°50'06.5"N 014°30'18.7"E
ML301	35°58'39.4"N 014°19'41.8"E
RULOV	35°44'06.0"N 014°46'26.8"E
SOFOR	35°32'46.4"N 014°51'40.0"E
SUDOX	35°40'33.1"N 014°42'06.8"E
SUKAL - BRG 311.79° / D 8.52 LM	35°44'05.0"N 014°37'45.6"E
THR RWY 31	35°50'06.50"N 014°30'18.71"E
TIVOR	35°34'52.2"N 014°35'11.6"E

INSTRUMENT APPROACH CHART - ICAO

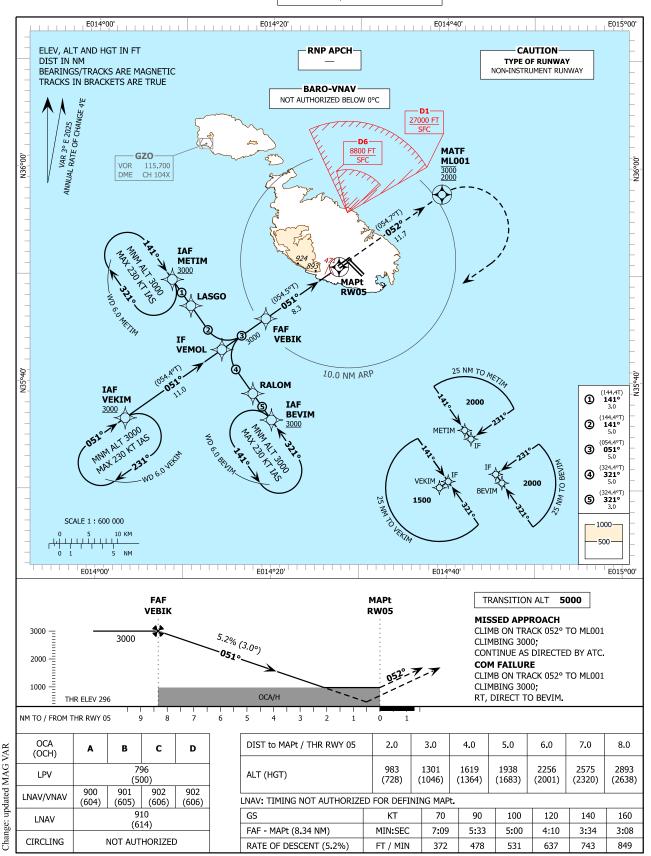
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 GND
 Luqa GND
 121.605

 TWR
 Luqa TWR
 135.105

 APP
 Luqa Radar
 128.155

 ARR ATIS
 Luqa Information
 127.405

MALTA/LUQA LMML RNP RWY 05 EGNOS CH 42196 E05A



MALTA/LUQA LMML RNP RWY 05 EGNOS CH 42196 E05A INSTRUMENT APPROACH CHART - ICAO

AERONAUTICAL DATA TABULATION

SERIAL NUMBER	PATH DESCRIPTOR	WAYPOINT IDENTIFIER	FLY- OVER	COURSE °M (°T)	DIST (NM)	TURN DIRECTION	ALTITUDE (FT)	SPEED (KT)	VPA/ TCH	NAVIGATION SPECIFICATION
010	IF	METIM	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	LASGO	-	141 (144.4)	3.0	-	A3000+	-	-	RNP APCH
030	TF	VEMOL	-	141 (144.4)	5.0	-	A3000+	-	-	RNP APCH
010	IF	BEVIM	-	-	-	-	A3000+	_	-	RNP APCH
020	TF	RALOM	-	321 (324.4)	3.0	-	A3000+	-	-	RNP APCH
030	TF	VEMOL	-	321 (324.4)	5.0	-	A3000+	-	-	RNP APCH
010	IF	VEKIM	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	VEMOL	-	051 (054.4)	11.0	-	A3000+	•	-	RNP APCH
010	IF	VEMOL	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	VEBIK	-	051 (054.4)	5.0	-	A3000+	-	-	RNP APCH
030	TF	RW05	Y	051 (054.5)	8.3	-	-		-3.0/15	RNP APCH
040	CF	ML001	Y	052 (054.7)	11.7	-	A2000+/A3000-	-	-	RNP APCH
050	DF	BEVIM	-	-	-	R	A3000	-	-	RNP APCH
060	НМ	BEVIM	-	321 (324.5)	-	L	A3000+	K230-	-	RNAV 1

NOTE: RECOMMENDED RNAV PROCEDURE CODING IS PROVIDED SOLELY TO INDICATE WHICH PROCEDURE DESIGN PROTECTION AREAS WERE USED IN THE INSTRUMENT FLIGHT PROCEDURE DESIGN PROCESS.

WAYPOINT LIST

WAYPOINT IDENTIFIER	COORDINATES	
BEVIM	35°36'34 . 2"N	014°19'58.9"E
LASGO	35°47'09.4"N	014°10'41.5"E
METIM	35°49'35 . 9"N	014°08'32.5"E
ML001	35°57'38 . 6''N	014°39'20 . 9"E
RALOM	35°39'00.8"N	014°17'50 . 5"E
RW05	35°50'50 . 94"N	014°27'36 . 35"E
VEBIK	35°46'00 . 0"N	014°19'15.9"E
VEKIM	35°36'39 . 8"N	014°03'18.1"E
VEMOL	35°43'05 . 2''N	014°14'16.2"E

FAS DATA BLOCK

OPERATION TYPE	0	LTP/FTP ELLIPSOIDAL HEIGHT	127.2
SBAS PROVIDER	1	FPAP LATITUDE	355135.6760N
AIRPORT IDENTIFIER	LMML	FPAP LONGITUDE	0142853.4735E
RUNWAY	RW05	THRESHOLD CROSSING HEIGHT	50
APPROACH PERFORMANCE DESIGNATOR	0	TCH UNITS	F
ROUTE INDICATOR		GLIDE PATH ANGLE	03.00
REFERENCE PATH DATA SELECTOR	0	COURSE WIDTH AT THRESHOLD	105
REFERENCE PATH IDENTIFIER	E05A	LENGTH OFFSET	8
LTP/FTP LATITUDE	355050 . 9385N	HORIZONTAL ALERT LIMIT (HAL)	40
LTP/FTP LONGITUDE	0142736.3455E	VERTICAL ALERT LIMIT (VAL)	50
PRECISION APPROACH PATH POINT DATA CRC REMAINDER		56802D5C	

NON FAS DATA BLOCK FIELDS

LTP ORTOMETRIC HEIGHT	90.1
FPAP ORTOMETRIC HEIGHT	74.8

INSTRUMENT APPROACH CHART - ICAO

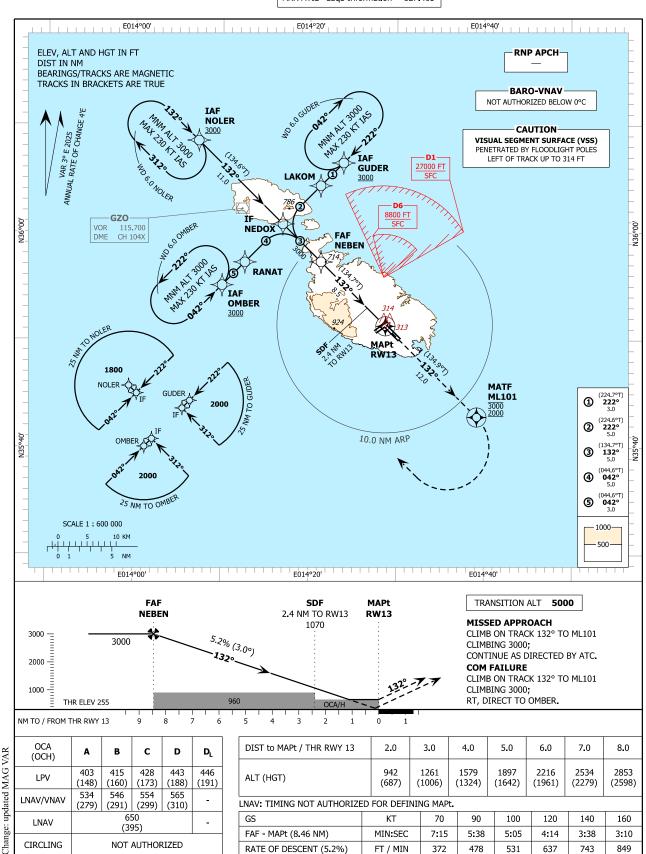
AD ELEV 297 OCH RELATED TO THR RWY 13 ELEV 255
 GND
 Luqa GND
 121.605

 TWR
 Luqa TWR
 135.105

 APP
 Luqa Radar
 128.155

 ARR ATIS
 Luqa Information
 127.405

MALTA/LUQA LMML RNP RWY 13 EGNOS CH 52330 E13A



MALTA/LUQA LMML RNP RWY 13 EGNOS CH 52330 E13A INSTRUMENT APPROACH CHART - ICAO

AERONAUTICAL DATA TABULATION

SERIAL NUMBER	PATH DESCRIPTOR	WAYPOINT IDENTIFIER	FLY- OVER	COURSE	DIST	TURN DIRECTION	ALTITUDE	SPEED	VPA/ TCH	NAVIGATION SPECIFICATION
NUMBER	DESCRIPTOR	IDENTIFIER	OVER	°M (°T)	(NM)	DIRECTION	(FT)	(KT)	ТСП	SPECIFICATION
010	IF	OMBER	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	RANAT	-	042 (044.6)	3.0	-	A3000+	-	-	RNP APCH
030	TF	NEDOX	-	042 (044.6)	5.0	-	A3000+	-	-	RNP APCH
						1	ı			ı
010	IF	GUDER	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	LAKOM	-	222 (224.7)	3.0	-	A3000+	-	-	RNP APCH
030	TF	NEDOX	-	222 (224.6)	5.0	-	A3000+	-	-	RNP APCH
						1	T			
010	IF	NOLER	-	-	•	-	A3000+	-	-	RNP APCH
020	TF	NEDOX	-	132 (134.6)	11.0	-	A3000+	-	-	RNP APCH
010	IF	NEDOX	-	-	ı	-	A3000+	-	•	RNP APCH
020	TF	NEBEN	-	132 (134.7)	5.0	-	A3000+	-	-	RNP APCH
030	TF	RW13	Y	132 (134.7)	8.5	-	-	-	-3.0/15	RNP APCH
040	CF	ML101	Y	132 (134.9)	12.0	-	A2000+/A3000-	-	-	RNP APCH
050	DF	OMBER	-	-	-	R	A3000	-	-	RNP APCH
060	НМ	OMBER	-	042 (44.6)	-	L	A3000+	K230-	-	RNAV 1

NOTE: RECOMMENDED RNAV PROCEDURE CODING IS PROVIDED SOLELY TO INDICATE WHICH PROCEDURE DESIGN PROTECTION AREAS WERE USED IN THE INSTRUMENT FLIGHT PROCEDURE DESIGN PROCESS.

WAYPOINT LIST

WAYPOINT IDENTIFIER	COORDINATES	
GUDER	36°06'33.9"N	014°23'52.7"E
LAKOM	36°04'25.7"N	014°21'16.5"E
ML101	35°42'56.3"N	014°39'10.3"E
NEBEN	35°57'20 . 8''N	014°21'19.6"E
NEDOX	36°00'51.9"N	014°16'56.6"E
NOLER	36°08'35.8"N	014°07'16.6"E
OMBER	35°55'09.6''N	014°10'01.4"E
RANAT	35°57'18.0"N	014°12'37 . 0"E
RW13	35°51'23.13"N	014°28'43.76"E

FAS DATA BLOCK

OPERATION TYPE	0	LTP/FTP ELLIPSOIDAL HEIGHT	115.0
SBAS PROVIDER	1	FPAP LATITUDE	355002.2380N
AIRPORT IDENTIFIER	LMML	FPAP LONGITUDE	0143023.9910E
RUNWAY	RW13	THRESHOLD CROSSING HEIGHT	50
APPROACH PERFORMANCE DESIGNATOR	0	TCH UNITS	F
ROUTE INDICATOR		GLIDE PATH ANGLE	03.00
REFERENCE PATH DATA SELECTOR	0	COURSE WIDTH AT THRESHOLD	105
REFERENCE PATH IDENTIFIER	E13A	LENGTH OFFSET	8
LTP/FTP LATITUDE	355123.1325N	HORIZONTAL ALERT LIMIT (HAL)	40.0
LTP/FTP LONGITUDE	0142843.7570E	VERTICAL ALERT LIMIT (VAL)	35.0
PRECISION APPROACH PATH POINT DATA CR	C REMAINDER	55801ADD	

NON FAS DATA BLOCK FIELDS

LTP ORTOMETRIC HEIGHT	77.8
FPAP ORTOMETRIC HEIGHT	70.1

INSTRUMENT APPROACH CHART - ICAO

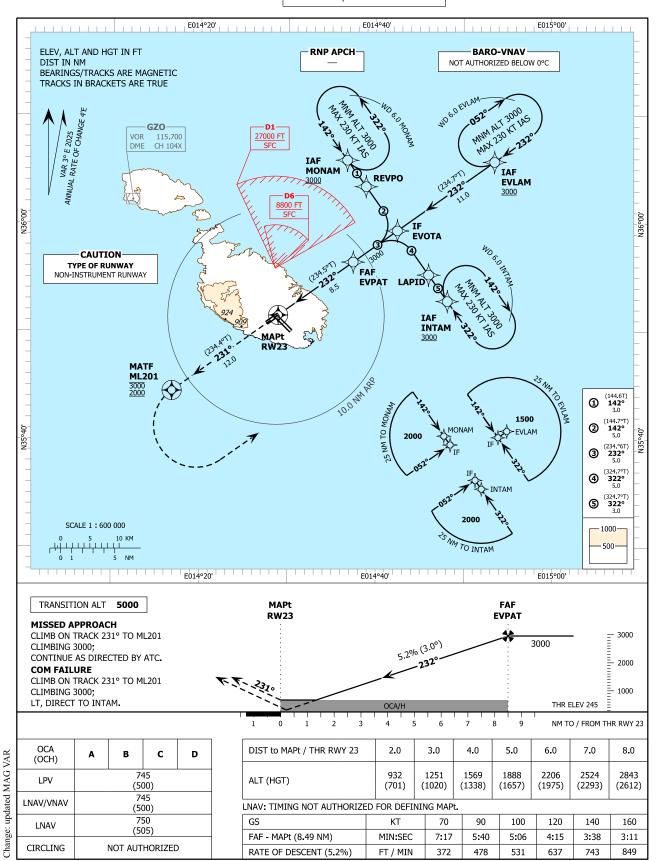
AD ELEV 297 OCH RELATED TO THR RWY 23 ELEV 245
 GND
 Luqa GND
 121.605

 TWR
 Luqa TWR
 135.105

 APP
 Luqa Radar
 128.155

 ARR ATIS
 Luqa Information
 127.405

MALTA/LUQA LMML RNP RWY 23 EGNOS CH 64238 E23A



MALTA/LUQA LMML RNP RWY 23 EGNOS CH 64238 E23A INSTRUMENT APPROACH CHART - ICAO

AERONAUTICAL DATA TABULATION

SERIAL NUMBER	PATH DESCRIPTOR	WAYPOINT IDENTIFIER	FLY- OVER	COURSE °M (°T)	DIST (NM)	TURN DIRECTION	ALTITUDE (FT)	SPEED (KT)	VPA/ TCH	NAVIGATION SPECIFICATION
010	IF	MONAM	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	REVPO	-	142 (144.6)	3.0	-	A3000+	-	-	RNP APCH
030	TF	EVOTA	-	142 (144.7)	5.0	-	A3000+	-	-	RNP APCH
010	IF	INTAM	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	LAPID	-	322 (324.7)	3.0	-	A3000+	-	-	RNP APCH
030	TF	EVOTA	-	322 (324.7)	5.0	-	A3000+	-	-	RNP APCH
010	IF	EVLAM	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	EVOTA	-	232 (234.7)	11.0	-	A3000+	-	-	RNP APCH
010	IF	EVOTA	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	EVPAT	-	232 (234.6)	5.0	-	A3000+	-	-	RNP APCH
030	TF	RW23	Y	232 (234.5)	8.5	-	-	-	-3.0/15	RNP APCH
040	CF	ML201	Y	231 (234.4)	12.0	-	A2000+/A3000-	-	-	RNP APCH
050	DF	INTAM	-	-	-	L	A3000	-	-	RNP APCH
060	НМ	INTAM	-	322 (324.7)	-	R	A3000+	K230-	-	RNAV 1

NOTE: RECOMMENDED RNAV PROCEDURE CODING IS PROVIDED SOLELY TO INDICATE WHICH PROCEDURE DESIGN PROTECTION AREAS WERE USED IN THE INSTRUMENT FLIGHT PROCEDURE DESIGN PROCESS.

WAYPOINT LIST

WAYPOINT IDENTIFIER	COORDINATES	
WATI GERT EDERTEE	COORDINATES	
EVLAM	36°05'47.0"N	014°53'30.4"E
EVOTA	35°59'25 . 3"N	014°42'26.0"E
EVPAT	35°56'31 . 5"N	014°37'24 . 6"E
INTAM	35°52'53 . 0"N	014°48'07.6"E
LAPID	35°55'20.2"E	014°45'59.6"E
ML201	35°44'35.4"N	014°16'50.8"E
MONAM	36°05'57.3"N	014°36'43.5"E
REVPO	36°03'30.4"N	014°38'52.1"E
RW23	35°51'35.68"N	014°28'53.47"E

FAS DATA BLOCK

OPERATION TYPE	0	LTP/FTP ELLIPSOIDAL HEIGHT	111.9
SBAS PROVIDER	1	FPAP LATITUDE	355050.9385N
AIRPORT IDENTIFIER	LMML	FPAP LONGITUDE	0142736.3455E
RUNWAY	RW23	THRESHOLD CROSSING HEIGHT	50
APPROACH PERFORMANCE DESIGNATOR	0	TCH UNITS	F
ROUTE INDICATOR		GLIDE PATH ANGLE	03.00
REFERENCE PATH DATA SELECTOR	0	COURSE WIDTH AT THRESHOLD	105
REFERENCE PATH IDENTIFIER	E23A	LENGTH OFFSET	8
LTP/FTP LATITUDE	355135.6760N	HORIZONTAL ALERT LIMIT (HAL)	40.0
LTP/FTP LONGITUDE	0142853.4735E	VERTICAL ALERT LIMIT (VAL)	50.0
PRECISION APPROACH PATH POINT DATA CR	C REMAINDER	F0E3478D	

NON FAS DATA BLOCK FIELDS

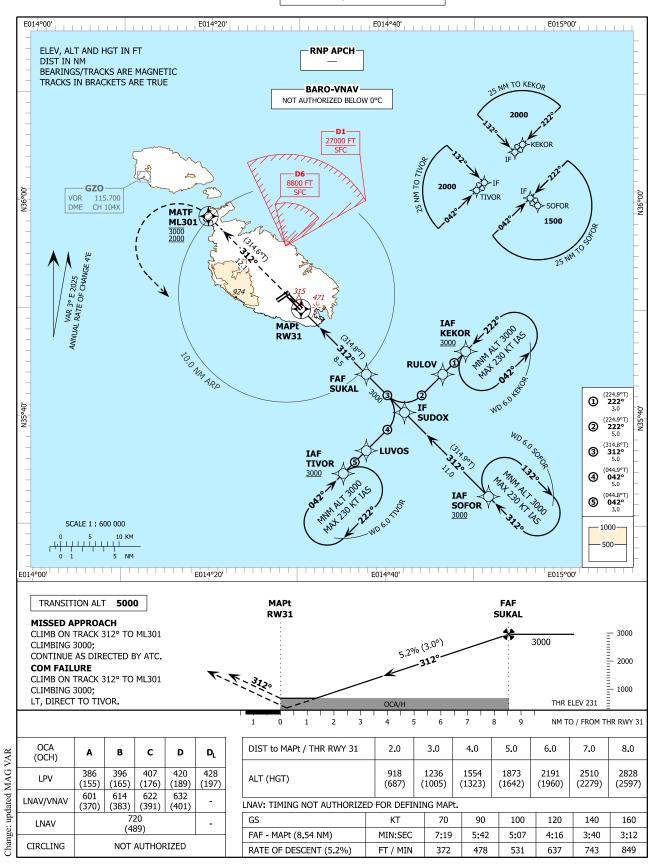
LTP ORTOMETRIC HEIGHT	74.8
FPAP ORTOMETRIC HEIGHT	90.1

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 297 OCH RELATED TO THR RWY 31 ELEV 231
 GND TWR
 Luqa GND Luqa TWR
 121.605 135.105

 APP
 Luqa Radar
 128.155 127.405

 ARR ATIS
 Luqa Information
 127.405
 MALTA/LUQA LMML RNP RWY 31 EGNOS CH 87897 E31A



MALTA/LUQA LMML RNP RWY 31 EGNOS CH 87897 E31A INSTRUMENT APPROACH CHART - ICAO

AERONAUTICAL DATA TABULATION

SERIAL NUMBER	PATH DESCRIPTOR	WAYPOINT IDENTIFIER	FLY- OVER	COURSE °M (°T)	DIST (NM)	TURN DIRECTION	ALTITUDE (FT)	SPEED (KT)	VPA/ TCH	NAVIGATION SPECIFICATION
010	IF	KEKOR	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	RULOV	-	222 (224.9)	3.0	-	A3000+	-	-	RNP APCH
030	TF	SUDOX	-	222 (224.9)	5.0	-	A3000+	-	-	RNP APCH
010	IF	TIVOR	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	LUVOS	-	042 (044.8)	3.0	-	A3000+	-	-	RNP APCH
030	TF	SUDOX	-	042 (044.9)	5.0	-	A3000+	-	-	RNP APCH
010	IF	SOFOR	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	SUDOX	-	312 (314.9)	11.0	-	A3000+	-	-	RNP APCH
010	IF	SUDOX	-	-	-	-	A3000+	-	-	RNP APCH
020	TF	SUKAL	-	312 (314.8)	5.0	-	A3000+	-	-	RNP APCH
030	TF	RW31	Y	312 (314.8)	8.5	-	-	-	-3.0/15	RNP APCH
040	CF	ML301	Y	312 (314.6)	12.1	-	A2000+/A3000-	-	-	RNP APCH
050	DF	TIVOR	-	-	-	L	A3000	-	-	RNP APCH
060	НМ	TIVOR	-	042 (044.8)	-	R	A3000+	K230-	-	RNAV 1

NOTE: RECOMMENDED RNAV PROCEDURE CODING IS PROVIDED SOLELY TO INDICATE WHICH PROCEDURE DESIGN PROTECTION AREAS WERE USED IN THE INSTRUMENT FLIGHT PROCEDURE DESIGN PROCESS.

WAYPOINT LIST

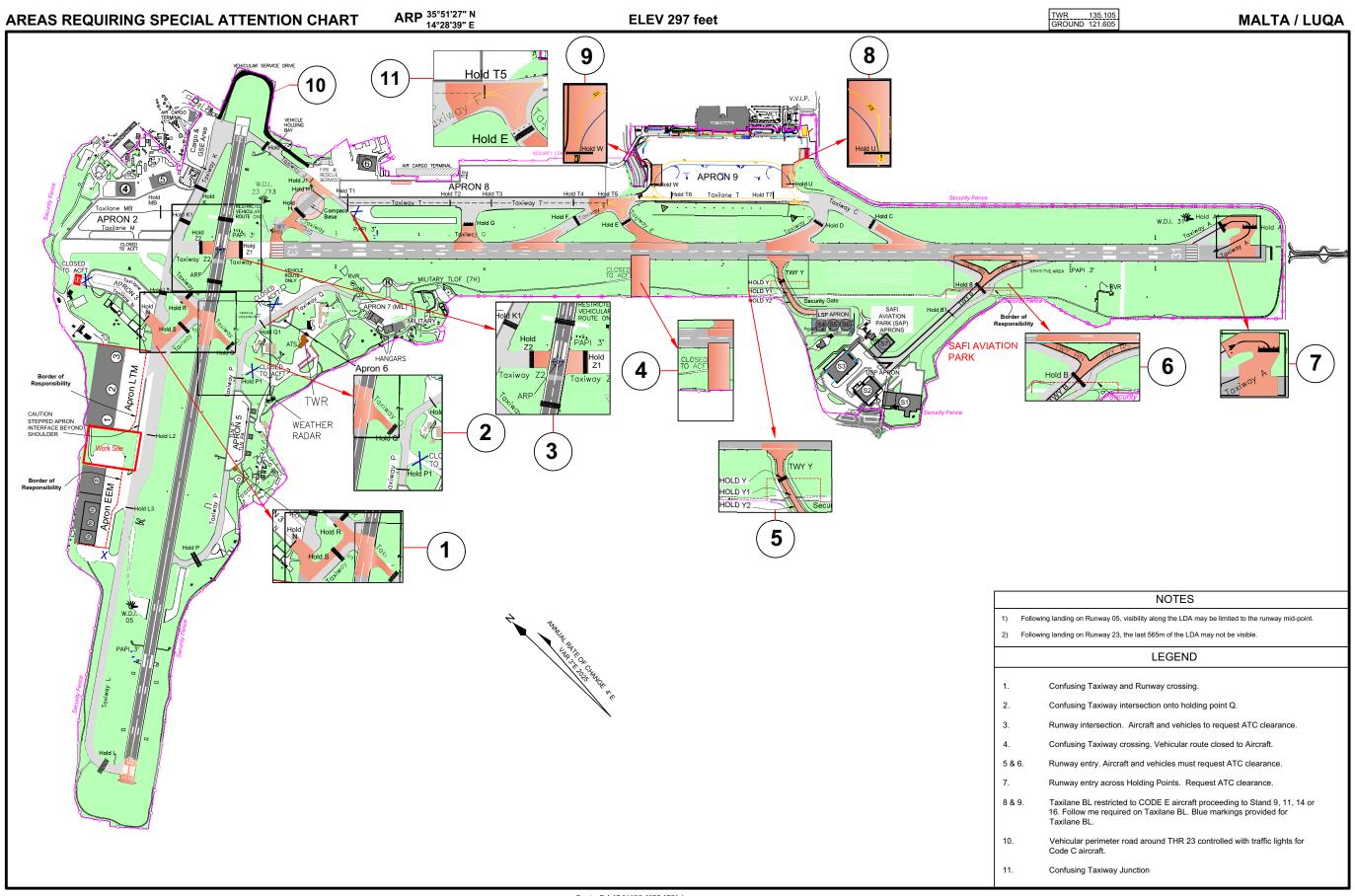
WAYPOINT IDENTIFIER	COORDINATES	
KEKOR	35°46'13.6"N	014°49'02.9"E
LUVOS	35°37'00.1"N	014°37'47.2"E
ML301	35°58'39.4"N	014°19'41.8"E
RULOV	35°44'06 . 0"N	014°46'26.8"E
RW31	35°50'06.50"N	014°30'18.71"E
SOFOR	35°32'46.4"N	014°51'40.0"E
SUDOX	35°40'33.1"N	014°42'06.8"E
SUKAL	35°44'05.0"N	014°37'45.6"E
TIVOR	35°34'52.2"N	014°35'11.6"E

FAS DATA BLOCK

OPERATION TYPE	0	LTP/FTP ELLIPSOIDAL HEIGHT	107.4
SBAS PROVIDER	1	FPAP LATITUDE	355126.8225N
AIRPORT IDENTIFIER	LMML	FPAP LONGITUDE	0142839.1825E
RUNWAY	RW31	THRESHOLD CROSSING HEIGHT	50
APPROACH PERFORMANCE DESIGNATOR	0	TCH UNITS	F
ROUTE INDICATOR		GLIDE PATH ANGLE	03.00
REFERENCE PATH DATA SELECTOR	0	COURSE WIDTH AT THRESHOLD	105
REFERENCE PATH IDENTIFIER	E31A	LENGTH OFFSET	168
LTP/FTP LATITUDE	355006.5005N	HORIZONTAL ALERT LIMIT (HAL)	40.0
LTP/FTP LONGITUDE	0143018.7110E	VERTICAL ALERT LIMIT (VAL)	35.0
PRECISION APPROACH PATH POINT DATA C	RC REMAINDER	E570D360	

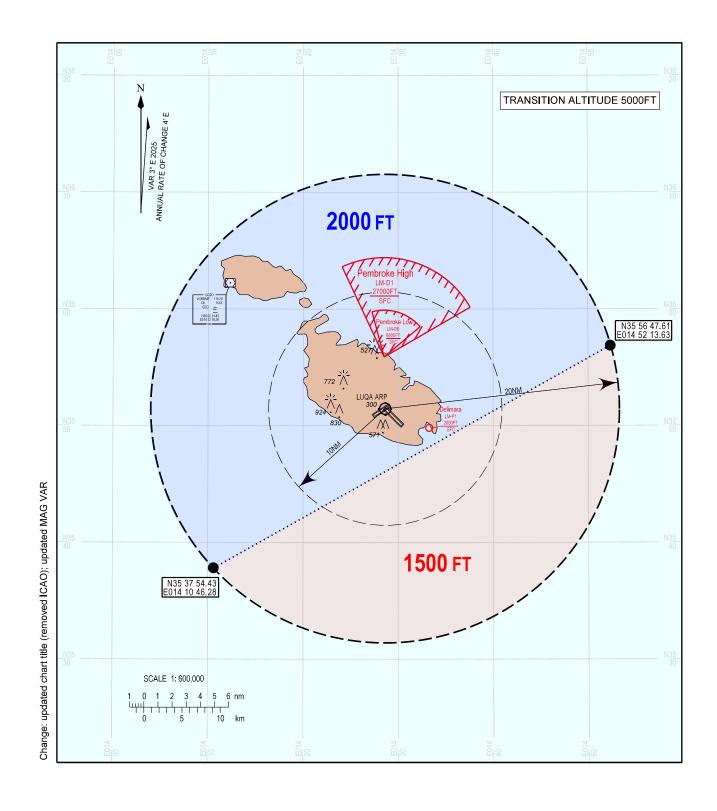
NON FAS DATA BLOCK FIELDS

LTP ORTOMETRIC HEIGHT	70.3
FPAP ORTOMETRIC HEIGHT	77.0

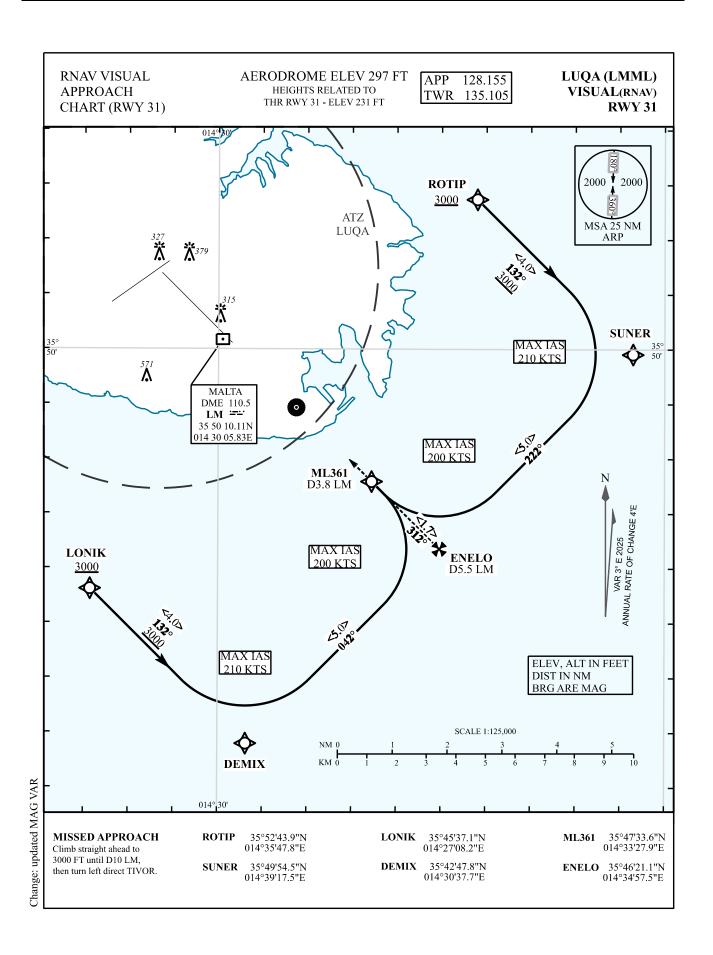


Civil Aviation Directorate — Transport Malta AIRAC AMDT 073/2025

ATC SURVEILLANCE MINIMUM ALTITUDE CHART



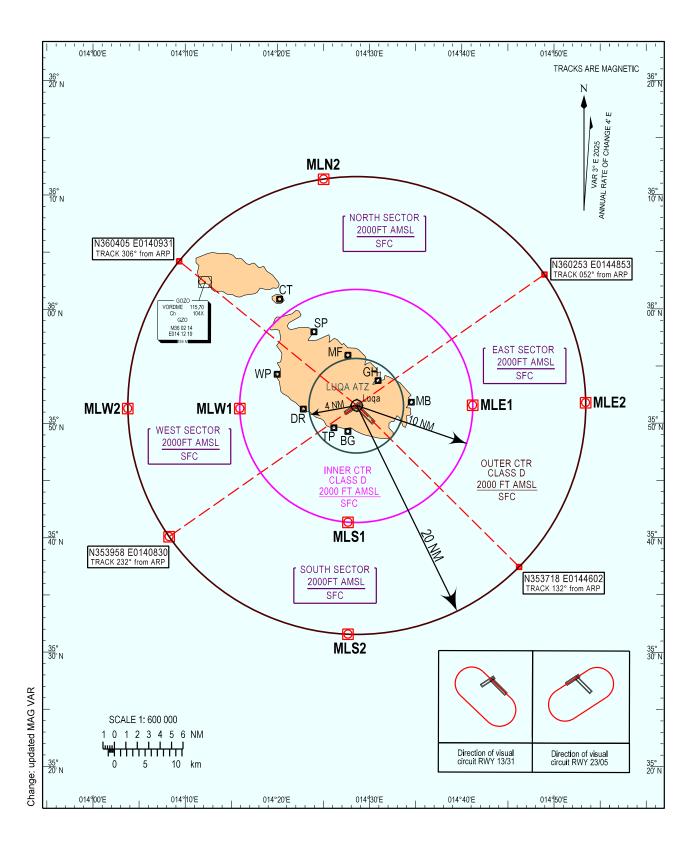
AD 2-LMML-SMAC - 2
12 JUN 2025
AIP



Visual Approach Notes

- ROTIP / LONIK visual approaches will only be authorized by ATC following a pilot request and subject to traffic. ATC phraseology will be CLEARED ROTIP / LONIK VISUAL APPROACH RUNWAY 31.
- 2. ROTIP / LONIK visual approaches are normally available for LMML arrivals entering the TMA via entry points DIRKA, EKOLA, UPLIT, MOLAM and DORAT.
- When cleared by ATC to conduct a visual approach, pilots are required to follow the entire procedure from ROTIP – SUNER – ENELO – ML361 or LONIK – DEMIX – ENELO – ML361.
- 4. ROTIP / LONIK visual approaches require RNAV 5/FMS navigation capability and are designed to enable a Continuous Descent Approach. Descent below 3000 FT is only authorized after passing SUNER / DEMIX.
- 5. VFR aircraft activity may be present at 2000 FT or below in the vicinity of ROTIP over Marsascala Bay (MB).

LUQA CONTROL ZONE (CTR)



VFR DEP/ARR POINTS

Designator	VFR DEP/ARR route	Coordinates	RDL / DIST (NM) from GZO VOR/DME
1	2	3	4
MLE1	EAST VFR DEP/ARR	355140N 0144103E	R111 / D25.5
MLE2	EAST VFR DEP/ARR	355140N 0145307E	R105 / D34.7
MLN2	GOZO VFR DEP/ARR	361119N 0142500E	R045 / D13.7
MLS1	SOUTH VFR DEP/ARR	354123N 0142740E	R146 / D24.3
MLS2	SOUTH VFR DEP/ARR	353122N 0142740E	R155 / D33.3
MLW1	WEST VFR DEP/ARR	355109N 0141605E	R162 / D11.5
MLW2	WEST VFR DEP/ARR	355109N 0140349E	R209 / D13.1

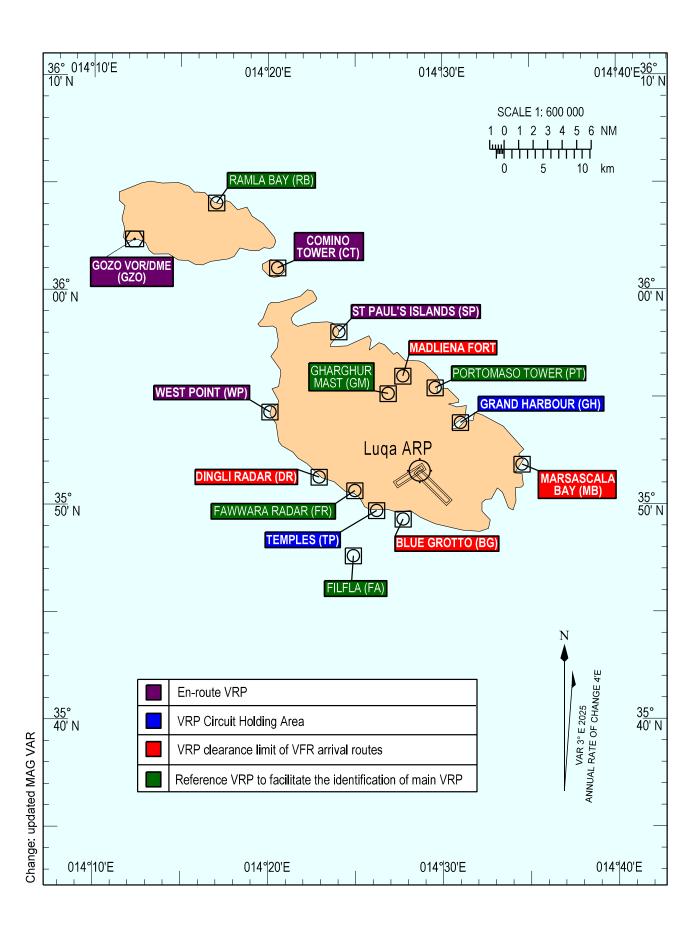
RCF procedures for VFR flights operating in the Luqa CTR

In the event of RCF, VFR flights operating in the Luqa CTR are expected to squawk A7600 and to operate as follows:

- If operating in the **NORTH** sector proceed to orbit over **MADLIENA FORT (MF)** and await visual signals from the aerodrome control tower.
- If operating in the **EAST** sector proceed to orbit over **EAST of LUQA** and await visual signals from the aerodrome control tower.
- If operating in the WEST sector proceed to orbit over **DINGLI RADAR (DR)** and await visual signals from the aerodrome control tower.
- If operating in the **SOUTH** sector proceed to orbit over **BLUE GROTTO (BG)** and await visual signals from the aerodrome control tower.
- If operating as aerodrome traffic pilots should squawk A7600 and await visual signals from the aerodrome control tower.

Note: If able, pilots should also attempt to contact the aerodrome control tower by cell phone on +356 22 35 53 33.

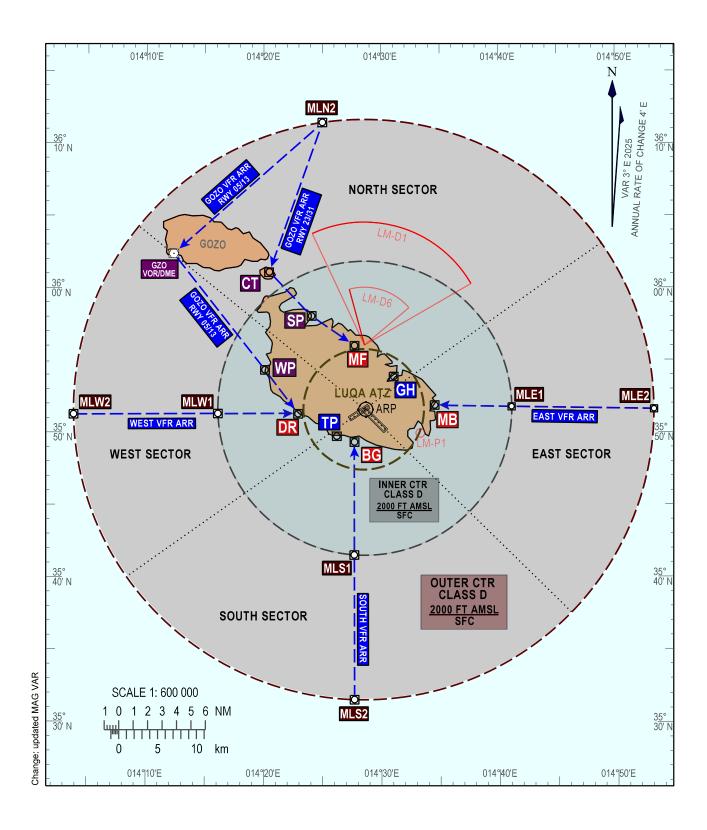
VISUAL REPORTING POINTS (VRP)



VRP INFORMATION

	Designator	Location	Coordinates
	1	2	3
	ARP	LUQA ARP	355127N 0142839E
	BG	BLUE GROTTO	354912N 0142741E
I	CT	COMINO TOWER	360040N 0142027E
	DR	DINGLI RADAR	355109N 0142254E
	FA	FILFLA	354730N 0142451E
	FR	FAWWARA RADAR	355032N 0142456E
	GH	GRAND HARBOUR	355312N 0143030E
	GM	GĦARGĦUR MAST	355503N 0142650E
	GZO	GOZO VOR/DME	360214N 0141219E
	MB	MARSASCALA BAY	355145N 0143430E
	MF	MADLIENA FORT	355552N 0142741E
	PT	PORTOMASO TOWER	355519N 0142932E
	RB	RAMLA BAY	360342N 0141701E
	SP	ST PAUL'S ISLANDS	355755N 0142402E
I	TP	TEMPLES	354918N 0142606E
	WP	WEST POINT	355412N 0142005E

STANDARD VFR ARRIVAL ROUTES



STANDARD VFR ARRIVALS

International VFR flights planning to enter the LUQA CTR should flight plan as follows:

1. GOZO VFR ARR if planning to enter via the NORTH SECTOR.

Runway in use for VFR ARR	Insert in Field 15	Routing expected	Remark in Field 18
RWY 05 / 13	MLN2	MLN2 GZO WP DR	RMK / GOZO VFR ARR
RWY 23 / 31	MLN2	MLN2 CT SP MF	RMK / GOZO VFR ARR

2. WEST VFR ARR if planning to enter via the WEST SECTOR.

Runway in use for VFR ARR	Insert in Field 15	Routing expected	Remark in Field 18
RWY 05 / 13 / 23 / 31	MLW2	MLW2 MLW1 DR	RMK / WEST VFR ARR

3. **SOUTH VFR ARR** if planning to enter via the SOUTH SECTOR.

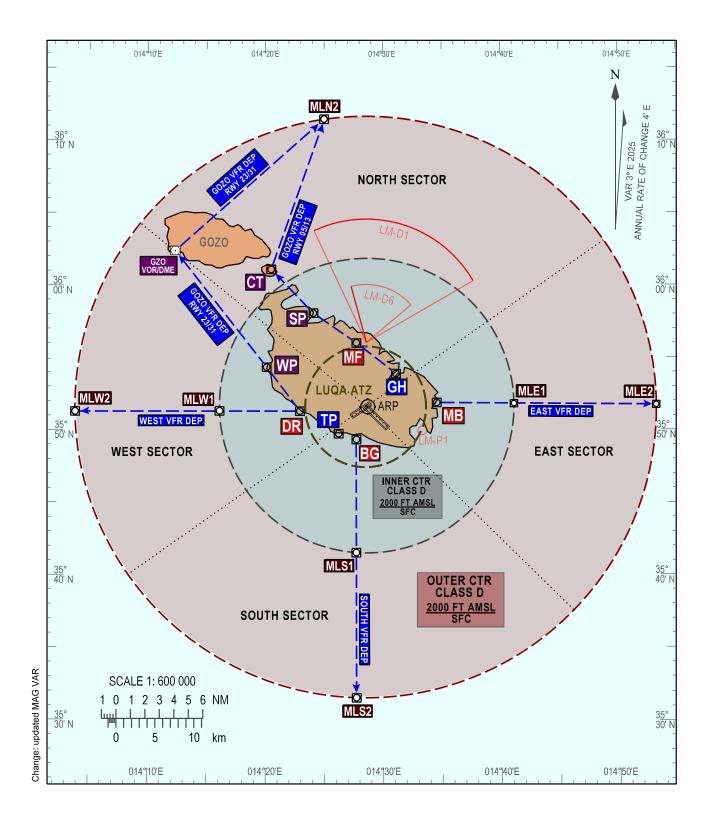
Runway in use for VFR ARR	Insert in Field 15	Routing expected	Remark in Field 18
RWY 05 / 13 / 23 / 31	MLS2	MLS2 MLS1 BG	RMK / SOUTH VFR ARR

4. **EAST VFR ARR** if planning to enter via the EAST SECTOR.

Runway in use for VFR ARR	Insert in Field 15	Routing expected	Remark in Field 18
RWY 05 / 13 / 23 / 31	MLE2	MLE2 MLE1 MB	RMK / EAST VFR ARR

- ATC clearance to enter the LUQA CTR OUTER zone should be expected at an altitude of 2000 FT.
- Aircraft may be instructed to orbit over a point designated on the ARR route before entering the visual pattern.
- Pilots should ensure familiarization with the VRPs indicated in the STANDARD VFR ARR ROUTES chart.
- Remark in Field 18 is mandatory if routing in Field 15 cannot be inserted.

STANDARD VFR DEPARTURE ROUTES



STANDARD VFR DEPARTURES

International VFR flights planning to exit the LUQA CTR should flight plan as follows:

1. **GOZO VFR DEP** if planning to exit via the NORTH SECTOR.

Runway in use for VFR DEP	Insert in Field 15	Routing expected	Remark in Field 18
RWY 05 / 13	MLN2	GH MF SP CT MLN2	RMK / GOZO VFR DEP
RWY 23 / 31	MLN2	DR WP GZO MLN2	RMK / GOZO VFR DEP

2. WEST VFR DEP if planning to exit via the WEST SECTOR.

Runway in use for VFR DEP	Insert in Field 15	Routing expected	Remark in Field 18
RWY 05 / 13 / 23 / 31	MLW2	DR MLW1 MLW2	RMK / WEST VFR DEP

3. **SOUTH VFR DEP** if planning to exit via the SOUTH SECTOR.

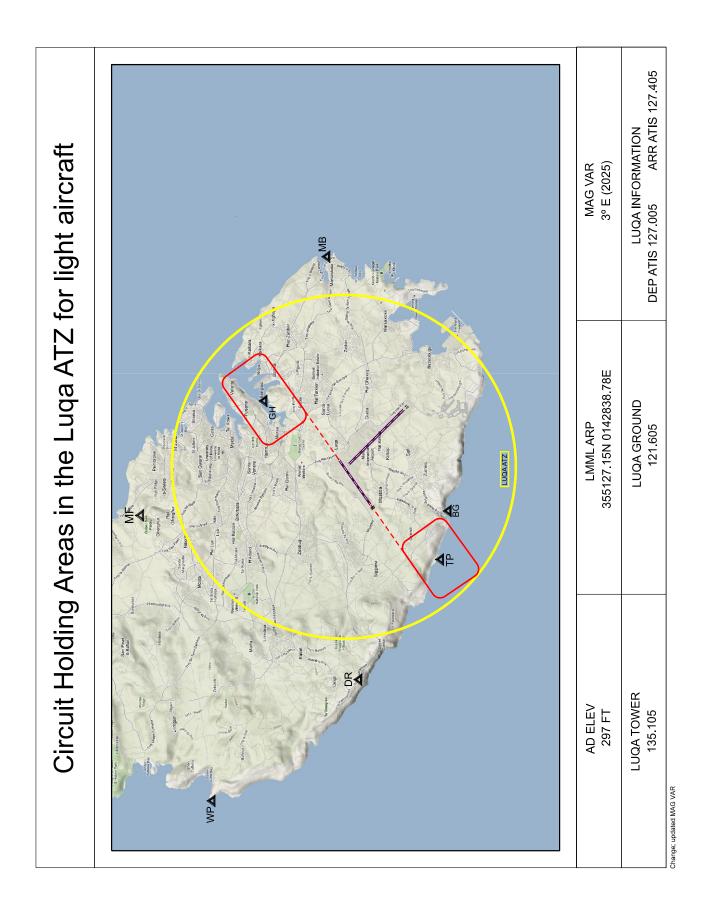
Runway in use for VFR DEP	Insert in Field 15	Routing expected	Remark in Field 18
RWY 05 / 13 / 23 / 31	MLS2	BG MLS1 MLS2	RMK / SOUTH VFR DEP

4. **EAST VFR DEP** if planning to exit via the EAST SECTOR.

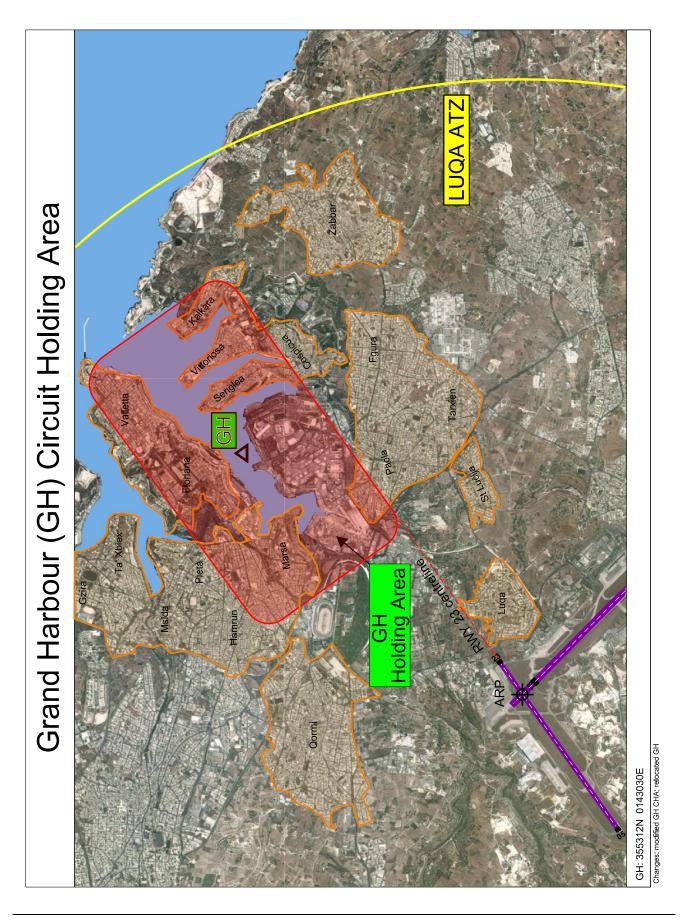
Runway in use for VFR DEP	Insert in Field 15	Routing expected	Remark in Field 18
RWY 05 / 13 / 23 / 31	MLE2	MB MLE1 MLE2	RMK / EAST VFR DEP

- Expect initial ATC clearance to continue on runway track and to climb to altitude 1500 FT.
- Further clearance to climb to requested VFR cruising levels may be expected after exiting the LUQA CTR INNER zone.
- Pilots should ensure familiarization with the VRPs indicated in the STANDARD VFR DEP ROUTES chart.
- Remark in Field 18 is mandatory if routing in Field 15 cannot be inserted.

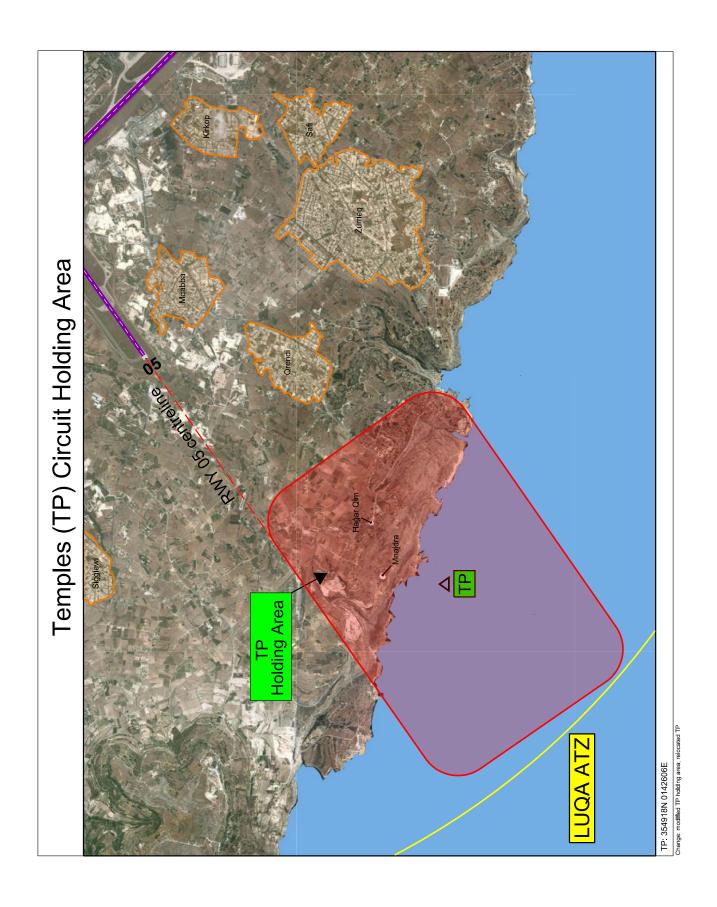
CIRCUIT HOLDING AREAS IN THE LUQA ATZ FOR LIGHT AIRCRAFT



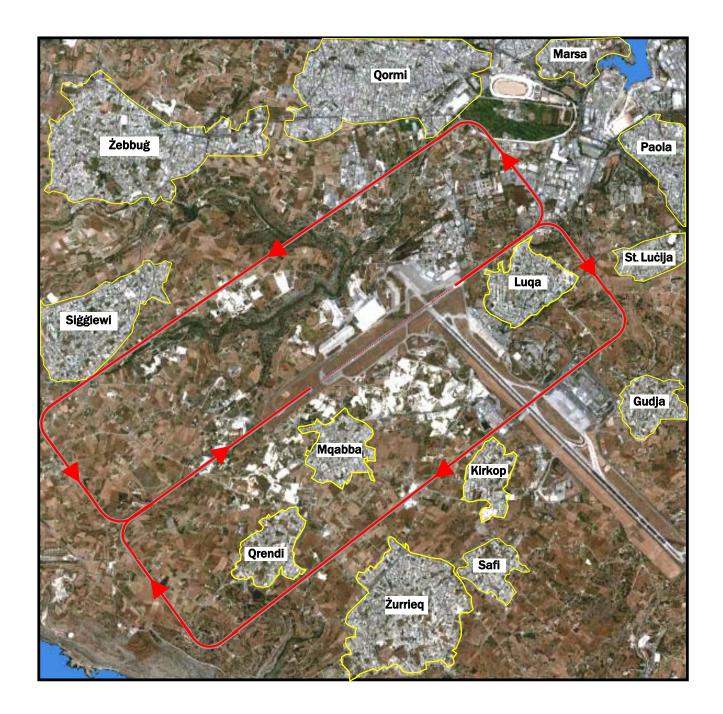
GRAND HARBOUR (GH) CIRCUIT HOLDING AREA



TEMPLES (TP) CIRCUIT HOLDING AREA



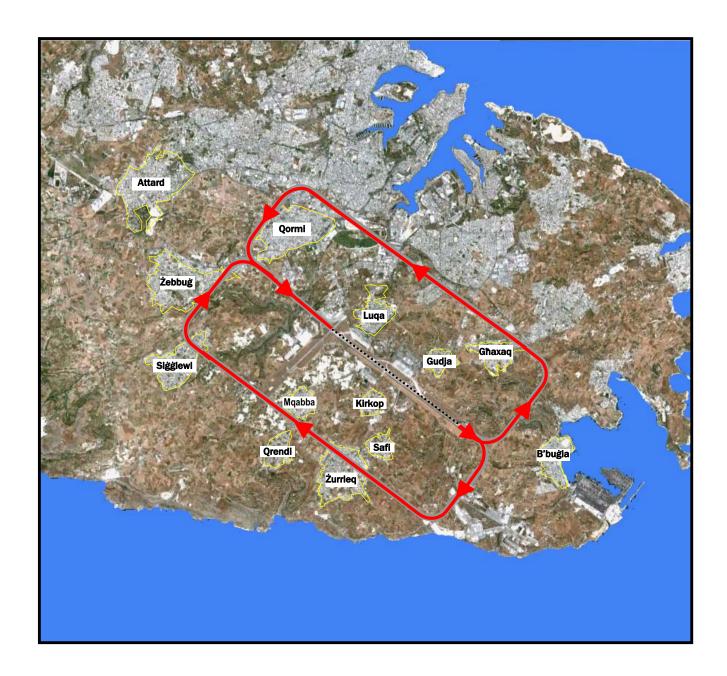
VISUAL CIRCUIT RWY 05 FOR LIGHT AIRCRAFT



Circuit Altitude not above 1500 feet QNH.

Circuits on RWY 05 may be variable in direction in accordance with ATC instructions.

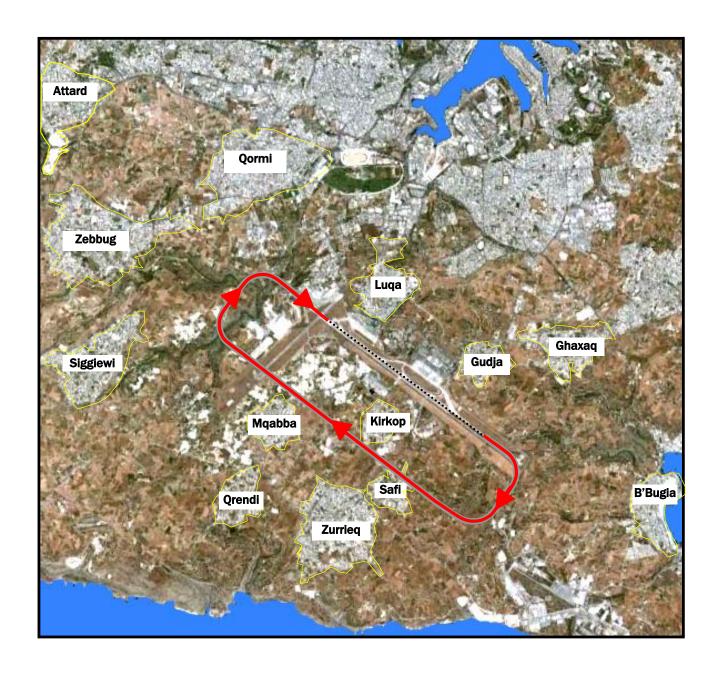
VISUAL CIRCUIT RWY 13 FOR LIGHT AIRCRAFT



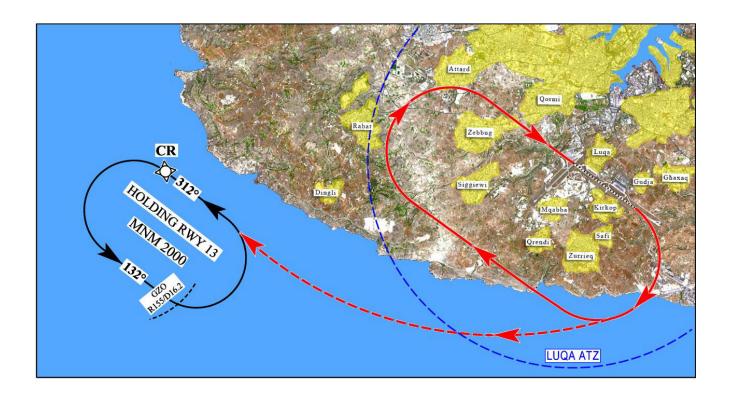
Circuit Altitude not above 1500 feet QNH.

Circuits on RWY 13 may be variable in direction in accordance with ATC instructions.

VISUAL CIRCUIT RWY 13 FOR LIGHT AIRCRAFT - LOW-LEVEL CIRCUIT



STANDARD RIGHT-HAND VISUAL CIRCUIT RWY 13 FOR MEDIUM/HEAVY AIRCRAFT



Unless otherwise instructed by ATC:

- Climb straight ahead and turn crosswind as indicated in red above.
- Climb to maintain altitude 2000 ft before joining right downwind.
- Commence base turn south of Rabat village to intercept final approach RWY 13.

For delay purposes and sequencing with other traffic ATC may instruct aircraft to hold over CR as indicated overleaf. When instructed to hold over CR aircraft should climb straight ahead and turn crosswind as indicated in dashed red above.

Holding Procedure

Holding Fix Designator: CR

Coordinates of CR: 355219N 0141855E

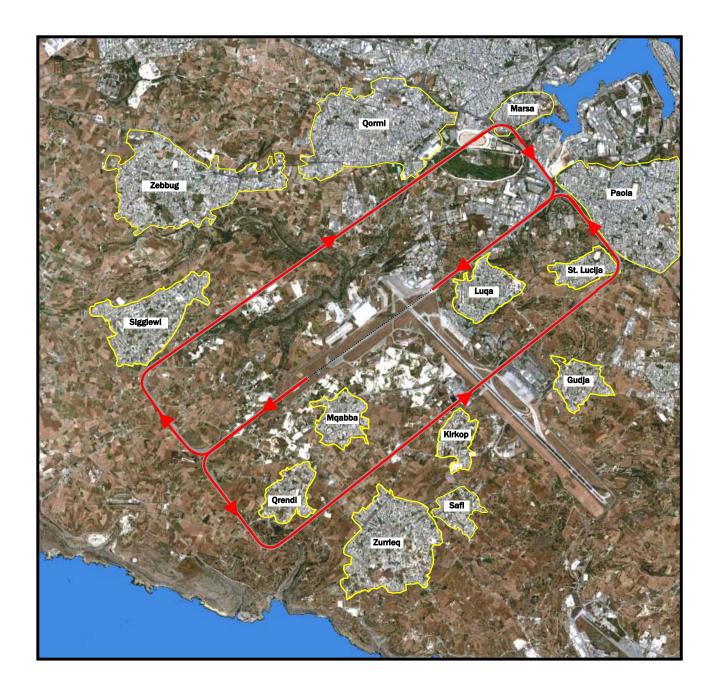
Left-Hand Pattern

Inbound Track: 312°

Outbound Time/Distance: 1 min / 4 NM (whichever is earlier)

Maximum IAS: 210 KT Minimum Holding Altitude: 2000 ft

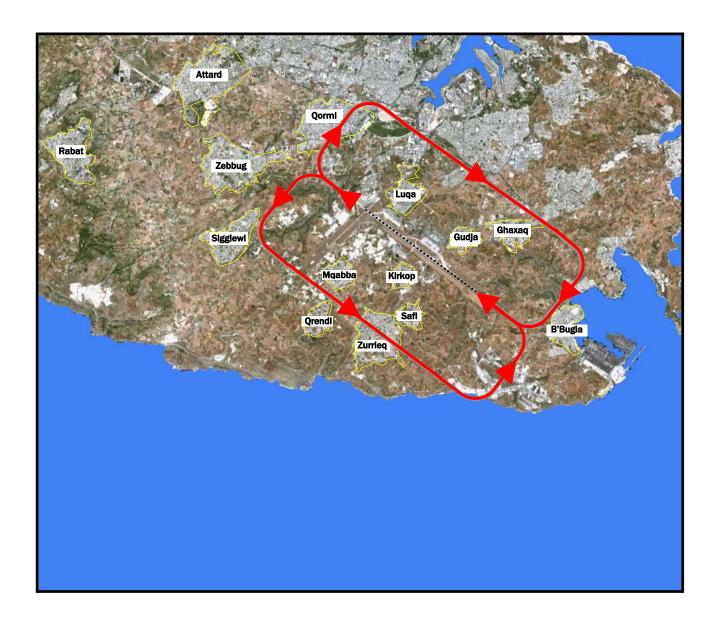
VISUAL CIRCUIT RWY 23 FOR LIGHT AIRCRAFT



Circuit Altitude not above 1500 feet QNH.

Circuits on RWY 23 may be variable in direction in accordance with ATC instructions.

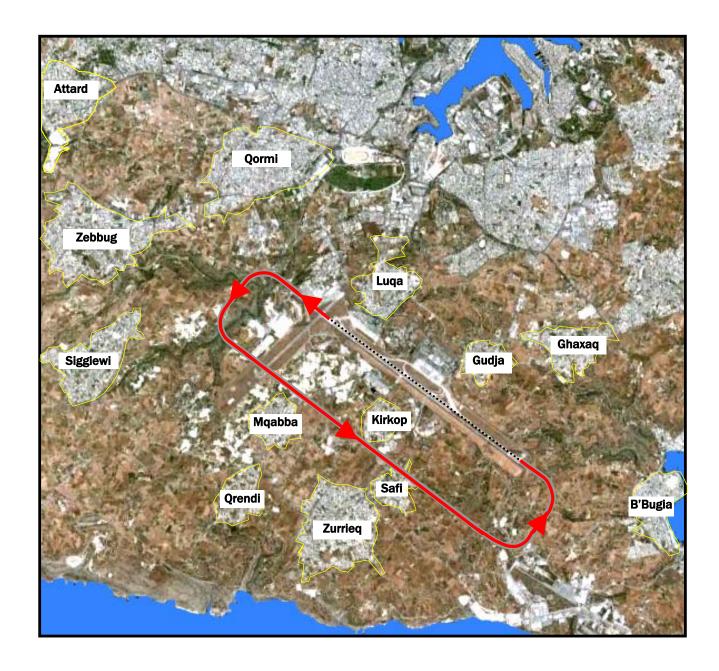
VISUAL CIRCUIT RWY 31 FOR LIGHT AIRCRAFT



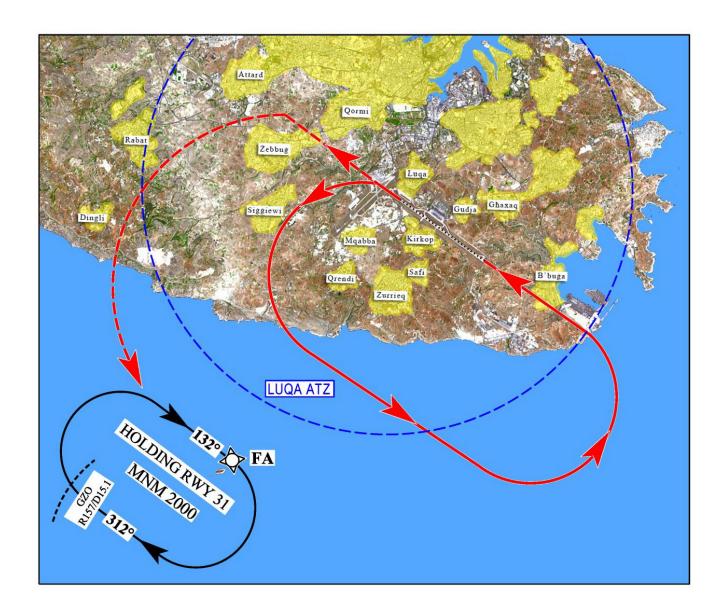
Circuit Altitude not above 1500 feet QNH.

Circuits on RWY 31 may be variable in direction in accordance with ATC instructions.

VISUAL CIRCUIT RWY 31 FOR LIGHT AIRCRAFT - LOW-LEVEL CIRCUIT



STANDARD LEFT-HAND VISUAL CIRCUIT RWY 31 FOR MEDIUM/HEAVY AIRCRAFT



Unless otherwise instructed by ATC:

- Climb straight ahead and turn crosswind as indicated in red above.
- Climb to maintain altitude 2000 ft before joining left downwind.
- Commence base turn to intercept final approach over the sea.

For delay purposes and sequencing with other traffic ATC may instruct aircraft to hold over FA as indicated overleaf. When instructed to enter the hold over FA aircraft should climb straight ahead and turn crosswind as indicated in dashed red above.

Holding Procedure

Holding Fix Designator: FA

Coordinates of FA: 354730N 0142451E

Right-Hand Pattern

Inbound Track: 132°

Outbound Time/Distance: 1 min / 4 NM (whichever is earlier)

Maximum IAS: 210 KT Minimum Holding Altitude: 2000 ft

AD 3 HELIPORTS

GOZO HELIPORT

Note: The following sections in this chapter are intentionally left blank: AD-3.14, AD-3.15, AD-3.16, AD-3.17, AD-3.18, AD-3.19, AD-3.20, AD-3.21, AD-3.22

LMMG AD 3.1 HELIPORT LOCATION INDICATOR AND NAME

LMMG — GOZO Heliport

LMMG AD 3.2 HELIPORT GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Heliport reference point co-ordinates and site at heliport	360143N 0141621E (*) at geometrical centre of the strip
2	Elevation	326 FT
3	Heliport Administration, address, telephone, fax, SITA	The Chairperson Gozo Heliport Ltd c/o Malta Investment Management Co. Ltd The Clock Tower Tigne Point Sliema TP 01 Malta Phone:(356) 9982 2704 Email: lisa-marie.brooke@gov.mt
5	Types of traffic permitted (IFR/VFR)	VFR only
6	Remarks	The Gozo Heliport is unlicensed and available for domestic traffic only. Prior permission is required for the use of the heliport.

LMMG AD 3.3 OPERATIONAL HOURS

ſ	1	Operational hours	Day operations only – operating hours will be established
I			subject to company exigencies. Night operations only
			allowed in exceptional circumstances and with prior
			coordination.

LMMG AD 3.4 FIRE FIGHTING SERVICES

I	1	Heliport category for fire fighting	Unavailable
---	---	-------------------------------------	-------------

LMMG AD 3.5 MARKINGS

4	Halland and Paris	There is the effective TLOS of the end of the
1	Heliport markings	Heliport identification, TLOF edge, edge of strip

LMMG AD 3.6 HELIPORT OBSTACLES

In approach/TKOF areas 1A			Near heliport 1B		
Area affected	Obstacle Type Elevation Markings/LGT	Co-ordinates	Obstacle Type Elevation Markings/LGT	Co-ordinates	
а	b	С	а	b	Remarks
10/APCH 28/TKOF	Xewkija Church 585 FT	360158N 0141542E *	Santa Cilia Tower 381 FT	360149N 0141629E *	Nil
	Ghajnsielem Church - 406 FT	360139N 0141725E *			

LMMG AD 3.7 METEOROLOGICAL INFORMATION PROVIDED

1	Met information provided	Only meteorological information specific to Luqa
		aerodrome is provided by Malta ATS

LMMG AD 3.8 HELIPORT DATA

1	Heliport type	Surface level
2	TLOF dimensions and SFC type	22 M x 22 M, concrete
3	Strip dimensions and SFC type	130 M x 20 M, asphalt Overall length, including concrete pads is 174 M
4	MAG bearings	280°/100°
5	Safety area dimensions	285 M x 85 M
6	Remarks	Nil

LMMG AD 3.9 HELIPORT LIGHTING

ĺ	1	Hours of operation	Day Operations Only
I	2		86 M, BRG 036° from the centre of eastern concrete pad, not lighted
	3		Non-standard flood lighting available for illumination of eastern end of strip during night.

LMMG AD 3.10 ATS AIRSPACE

1	Airspace details	(see AD 2.17 for details of the Malta CTR)
2	ATS unit	Uncontrolled heliport and all communications shall be made with Luga Tower.

LMMG AD 3.11 LOCAL TRAFFIC REGULATIONS

- 1. Unless occupied or otherwise directed by the heliport administration, helicopters shall land on the concrete pad at the eastern end of the strip, nearest the Terminal building, in order to facilitate the disembarking and embarking of passengers.
 - 2. Take-off shall be made from one of the concrete pads at either end of the heliport strip.

LMMG AD 3.12 NOISE ABATEMENT PROCEDURES

1. Helicopters should avoid flying over residential areas located near the heliport at all times, especially during the night.

LMMG AD 3.13 FLIGHT PROCEDURES

- 1. All approaches shall be conducted in such a way as to avoid built-up areas as much as practicable. Pilots shall maintain two-way RTF contact with Luga Tower, at least until the heliport is in sight.
- 2. All departures shall be conducted in such a way as to avoid built-up areas as much as practicable. Pilots shall:
 - a. maintain two-way RTF contact with Luqa Tower at least until the Heliport is in sight when proceeding to Gozo;
 - b. try to establish radio contact with Luqa Tower prior to taking off from the Heliport and in the event when no such communications can be established, take-off at their discretion up to a maximum height of 500 FT and remain in the vicinity of the Heliport until two-way radio communications has been established with Luqa Tower or Approach.
- 3. Landing and take-off at the Gozo Heliport shall be conducted at pilot's discretion.

LMMG AD 3.23 CHARTS RELATED TO A HELIPORT

Chart name	Page
Heliport Chart — ICAO	AD 3-LMMG-HPC - 1

HELIPORT CHART — ICAO

