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AIRAC - MIL AIP SUP

MIL AIP SUP: 11/24
Publication Date: 21-MAR-2024
Effective Date: 16-MAY-2024
End Date: 05-JUN-2024

REAL THAW / HOT BLADE 2024

1. PURPOSE

The purpose of this MIL AIP Supplement is to inform operators that the exercise REAL THAW / HOT BLADE 2024 (RT/HB 2024) will take place in Portuguese airspace, from May 23RD to June 05th, 2024.

2. INTRODUCTION

REAL THAW 2024 (RT24) is a Portuguese training exercise scheduled and conducted by the Portuguese Air Force (PRTAF), planned to be a Large Force Employment (LFE) Exercise in a multi-domain framework. At the same time, the PRTAF in coordination with the Multinational Helicopter Training Centre (MHTC) will plan and conduct the HOT BLADE 24 (HB24), designed to allow European helicopter crews to participate in a Large Force Exercise on a vast range of battlefield missions.

RT24 and HB24 will play complementary roles in enhancing joint and combined interoperability among participating nations.

RT/HB 2024 will take place at Airbase 11, Beja, where the majority of the assets will be based. The missions will be flown from Airbase 11, simulating a Deployable Operating Base, towards assigned airspace.

Air operations will be mainly developed in the Southwest part of Portugal.

3. OBJECTIVE

The objective of REAL THAW / HOT BLADE 2024 is to provide adequate tactical training to all participating units that will work in a highly collaborative manner, sharing tactical knowledge, in a multi-domain environment to achieve the full potential of the participating units.

4. AIRSPACE

REAL THAW / HOT BLADE 2024 will take place on the following areas (Appendix 1):

APOLO

41 22 48 N 006 23 33 W – ALONG PORTUGUESE / SPANISH BORDER UNTIL
39 53 37 N 006 53 59 W – 39 54 00 N 007 45 00 W – 40 43 52 N 007 45 00 W –
41 18 00 N 007 23 00 W – 41 22 48 N 006 23 33 W
GND – FL280

AQUARIUS

39 40 00 N 008 20 00 W – 39 40 00 N 008 00 00 W – 39 20 00 N 007 45 00 W –
39 18 25 N 007 45 00 W – 39 18 25 N 008 21 30 W – 39 23 01 N 008 21 30 W –
39 23 01 N 008 26 58 W – 39 25 33 N 008 29 41 W – 39 30 55 N 008 27 05 W –
39 40 00 N 008 20 00 W
GND – FL140

JUPITER

39 54 00 N 007 45 00 W – 39 53 37 N 006 53 59 W – ALONG PORTUGUESE / SPANISH BORDER
UNTIL 39 40 00 N 007 01 50 W – 39 40 00 N 007 45 00 W – 39 54 00 N 007 45 00 W
GND – FL245

TAURUS

39 40 00 N 008 00 00 W – 39 40 00 N 007 32 00 W – ALONG PORTUGUESE/SPANISH BORDER
UNTIL 39 06 00 N 007 05 00 W – 38 51 00 N 007 45 00 W – 39 20 00 N 007 45 00 W –
39 40 00 N 008 00 00 W
GND – FL190

TIGER 1L

36 05 00 N 011 10 00 W – 37 30 00 N 009 55 00 W – 37 30 00 N 009 00 00 W –
37 12 30 N 008 30 00 W – 37 00 00 N 008 30 00 W – 36 40 45 N 008 34 15 W –
36 05 00 N 009 10 00 W – 36 05 00 N 011 10 00 W (EXCEPT AREA WITH 9.3KM RADIUS CENTERED
AT 37 08 58N 008 35 02W, GND – 5000 FT AGL, PORTIMÃO AD – LPPM)
SFC – FL200

TIGER 1H

36 05 00 N 011 10 00 W – 37 30 00 N 009 55 00 W – 37 30 00 N 009 00 00 W –
37 12 30 N 008 30 00 W – 37 00 00 N 008 30 00 W – 36 40 45 N 008 34 15 W –
36 05 00 N 009 10 00 W – 36 05 00 N 011 10 00 W
FL200 – FL430

TIGER 2

38 00 00 N 012 30 00 W – 38 00 00 N 010 50 00 W – 37 30 00 N 010 55 00 W –
36 05 00 N 011 10 00 W – 36 05 00 N 012 30 00 W – 38 00 00 N 012 30 00 W
SFC – FL290

TIGER 3

38 00 00 N 012 30 00 W – 38 00 00 N 008 00 00 W – 36 05 00 N 008 00 00 W –
36 05 00 N 012 30 00 W – 38 00 00 N 012 30 00 W
FL430 – UNL

TIGER 4

36 40 00 N 008 35 00 W – ALONG FARO TMA BORDER UNTIL 36 25 00 N 008 00 00 W –
36 05 00 N 008 00 00 W – 36 05 00 N 009 10 00 W – 36 40 00 N 008 35 00 W
SFC – FL210

TIGER 5

39 06 00 N 007 05 00 W – ALONG PORTUGUESE/SPANISH BORDER UNTIL 37 40 00 N 007 28 00 W
– 37 55 00 N 007 37 00 W – 38 10 00 N 007 45 00 W – 38 51 00 N 007 45 00 W –
39 06 00 N 007 05 00 W
GND – FL310 (COMAO, GND – FL140)

TIGER 6

38 51 00 N 007 45 00 W – 38 15 00 N 007 45 00 W – 38 15 00 N 008 13 37 W –
38 20 55 N 008 16 04 W – 38 32 55 N 008 02 56 W – 38 44 00 N 008 03 00 W –
38 51 00 N 007 45 00 W (EXCEPT AREA WITH 9.3 KM RADIUS CENTERED AT
38 31 47 N 007 53 31 W GND – 5000 FT AGL, ÉVORA AD – LPEV)
GND – FL200 (COMAO, GND – FL140)

TIGER 7L

38 00 00 N 010 50 00 W – 38 00 00 N 009 12 00 W – 37 30 00 N 009 00 00 W –
37 30 00 N 010 55 00 W – 38 00 00 N 010 50 00 W
SFC – FL190

TIGER 7H

38 00 00 N 010 50 00 W – 38 00 00 N 009 12 00 W – 37 30 00 N 009 00 00 W –
37 30 00 N 010 55 00 W – 38 00 00 N 010 50 00 W
FL190 – FL430

TIGER 8L

37 30 00 N 010 55 00 W – 37 30 00 N 009 55 00 W – 36 05 00 N 011 10 00 W –
37 30 00 N 010 55 00 W
SFC – FL250

TIGER 8H

37 30 00 N 010 55 00 W – 37 30 00 N 009 55 00 W – 36 05 00 N 011 10 00 W –
37 30 00 N 010 55 00 W
FL250 – FL430

TIGER 9

38 00 00 N 009 12 00 W – 37 30 00 N 009 00 00 W – 37 30 00 N 009 55 00 W –
38 00 00 N 009 12 00 W
SFC – FL140

TIGER 10

37 26 00 N 008 30 00 W - 37 12 30 N 008 30 00 W - 37 30 00 N 009 00 00 W –
37 37 07 N 008 47 23 W - 37 26 00 N 008 30 00 W
SFC – FL200

TIGER 11

37 20 34 N 007 45 58 W – 37 27 58 N 008 00 00 W – 37 30 00 N 007 29 00 W –
37 20 34 N 007 45 58 W
GND – FL060

TIGER NORTH

38 00 00 N 009 12 00 W – 38 00 00 N 008 59 00 W – 38 20 55 N 008 16 04 W –
38 15 00 N 008 13 37 W – 38 15 00 N 007 45 00 W – 38 10 00 N 007 45 00 W –
37 55 00 N 007 37 00 W – 37 55 00 N 008 15 37 W – 37 37 07 N 008 47 23 W –
37 30 00 N 009 00 00 W – 38 00 00 N 009 12 00 W
SFC – FL120

TIGER SOUTH

37 26 00 N 008 30 00 W – 37 27 58 N 008 00 00 W – 37 30 00 N 007 29 00 W –
37 37 07 N 008 47 23 W – 37 40 00 N 007 28 00 W – ALONG PORTUGUESE / SPANISH
BORDER UNTIL 37 55 00 N 007 37 00 W – 37 55 00 N 008 15 37 W –
37 26 00 N 008 30 00 W
GND – FL090

SALMON

RADIUS 44.4KM CENTERED AT 40 23 00 N 010 00 00 W
FL280 – FL300

D10

38 49 15 N 008 53 20 W – 38 49 15 N 008 40 50 W – 38 44 37 N 008 40 50 W –
38 43 55 N 008 43 05 W – 38 43 55 N 008 48 35 W – 38 45 44 N 008 53 20 W –
38 49 15 N 008 53 20 W
GND – FL240

T2 AAR N

38 00 00 N 012 30 00 W – 38 00 00 N 011 30 00 W – 37 00 00 N 011 30 00 W –
37 00 00 N 012 30 00 W – 38 00 00 N 012 30 00 W
FL180 OR FL230

T2 AAR S

37 00 00 N 012 30 00 W – 37 00 00 N 011 30 00 W – 36 05 00 N 011 30 00 W –
36 05 00 N 012 30 00 W – 37 00 00 N 012 30 00 W
FL180 OR FL230

T2 AEW

44.4KM RADIUS CENTERED AT 37 00 00 N 012 00 00 W
FL280 – FL290

REAL THAW / HOT BLADE 2024 will use the following transit corridors (TC), with 9.3KM width:

TC61 L: 38 45 30N 007 58 18W – 39 19 30N 008 16 15W, GND – 2000 FT AMSL;

TC61 H: 38 45 30N 007 58 18W – 39 19 30N 008 16 15W, 4000 FT AMSL – 5000 FT AMSL;

TC26: 38 47 23.9 N 008 43 04 W - 38 24 25.3 N 008 12 02.3 W, GND – 3000 FT AMSL.

MASS DIVERT ROUTES:

MDR 1: 38 22 00N 008 14 00W – 38 35 00N 008 35 00W, 3000 FT AMSL – 5000 FT AMSL

MDR 2: 40 23 46N 008 30 05W – 39 32 44N 008 31 44W – 38 44 40N 008 03 00W, FL100 – FL110

MDR 3: 40 23 46N 008 59 05W – 37 58 22N 009 24 17W, FL170 – FL190

MDR 4 (SPANISH AIRSPACE): 38 22 00 N 007 16 00 W – 38 33 27 N 006 46 43 W, FL100 – FL120

MDR 5A (SPANISH AIRSPACE): 38 01 17 N 007 06 05 W – 37 40 07 N 006 17 54 W –

37 25 39 N 005 45 45 W – 37 22 32 N 005 31 23 W, FL280 – FL290

MDR 5B (SPANISH AIRSPACE): 38 01 17 N 007 06 05 W – 37 40 07 N 006 17 54 W –

37 25 39 N 005 45 45 W – 36 57 05 N 005 41 04 W, FL280 – FL290

MDR 6: 40 44 00N 008 30 05W – 39 54 00N 007 45 00W, FL120 – FL140

NOTE 1: All Mass Divert Routes (MDR) are only active in case of Mass Divert Scenario, see Appendix 1.

NOTE 2: If Mass Divert is activated, all aircraft will proceed to the alternate aerodromes (LPOV, LPMT, LEBZ and LEMO) using the MDR stated above, minimizing the impact on civilian traffic and ATC units.

5. REAL THAW / HOT BLADE 2024 PLANNING SCHEDULE

MAY 23RD, 24TH, 27TH, 28TH, 29TH and 30TH. JUNE 2ND, 3RD, 4TH and 5TH.

- **09:15 – 12:30** (SHADOW wave)
APOLO, JUPITER, TIGER NORTH, TIGER SOUTH, TIGER 1L, TIGER 1H, TIGER 5, TIGER 6, TIGER 9, TIGER 10, TIGER 11, TAURUS, AQUARIUS, D10, TC26 and TC61 L/H.
- **13:30 – 16:00** (COMAO wave)
TIGER NORTH, TIGER SOUTH, TIGER1L, TIGER 1H, TIGER 2, T2 AAR N, T2 AAR S, T2 AEW, TIGER 3, TIGER 4, TIGER 5, TIGER 6, TIGER 7L, TIGER 7H, TIGER 8L, TIGER 8H, TIGER 10, TIGER 11, TAURUS, AQUARIUS, JUPITER, APOLO, TC61 L/H and SALMON.

MAY 23RD, 27TH, 28TH and 29TH. JUNE 3RD and 4TH

- **20:30 – 23:00** (NF wave)
TIGER NORTH, TIGER SOUTH, TIGER 1L, TIGER 1H, TIGER 5, TIGER 6, TIGER 9, TIGER 10, TIGER 11, TAURUS, AQUARIUS and TC61 L/H.

NOTE 1: Due to the nature of the activities, taking place within REAL THAW / HOT BLADE 2024 areas, airspace users not involved in RT/HB 2024 shall not use these areas during their activity time.

NOTE 2: Emergency, Firefighting, Public Service Obligation Flights, Medic Evacuation and Search and Rescue aircraft, will be able to cross any RT/HB 2024 area, without delays and changes in their flight path/altitude, prior coordination with Lisboa Information.

NOTE 3: R26A, R40A, R40BN and R40BS in the Appendixes are not RT/HB 2024 areas and are used according to MIL AIP ENR 5.1.2.1 and ENR 5.1.2.2.

NOTE 4: In the interest of flight safety, for additional information during exercise RT/HB 2024, the following contacts are available: (+351) 218 553 462 or (+351) 218 422 804 (Lisboa Information).

6. AFFECTED AERODROMES/HELIPORTS/ULTRALIGHTS RUNWAYS

Operators can only use the aerodromes, heliports and ultralights runways listed below (except Évora AD, Portimão AD and Ponte de Sor AD that have specific restrictions described), outside REAL THAW / HOT BLADE 2024 activity time. Emergency, Firefighting, Medic Evacuation and Search and Rescue aircraft are exempt of these restrictions prior coordination with Lisboa Information.

AERODROMES:

ÉVORA (LPEV), an interdict area, 9.3Km radius centered at 38 31 47N 007 53 31W (AD ARP), was created to allow aircraft entry/exit, to/from West of Évora AD. This area is within lateral limits of TIGER 6, from GND up to 5000 FT AMSL. Military aircraft shall not entry this area.

In addition, airspace users involved in RT/HB 2024 shall not use AC1 - LPEV access corridor 38 31 50N 007 59 55W – 38 31 52N 008 04 14W with 1852M width, from 4000 FT AMSL to 5000 FT AMSL. During activity time, corridor only available for traffic to and from LPSO with LPEV as alternate, if LPSO closed.

PORTIMÃO (LPPM), an interdict area, 9.3Km radius centered at 37 08 58N 008 35 02W (AD ARP), was created to protect LPPM AD and ATZ; and the entry/exit, to/from East of LPPM AD. This area is within lateral limits of TIGER 1L, from SFC up to 5000 FT AMSL. Military aircraft shall not entry this area.

PONTE DE SOR (LPSO), Corridors TC61L/H, allow traffic to/from the West and approaches to LPSO. AQUARIUS and TAURUS affect LPSO ATZ and TRMZ, not permitting instrument approaches for RWY 21.

CASTELO BRANCO (LPCB), ARP 39 50 54N 007 26 30W, within lateral limits of JUPITER.

FERREIRA DO ALENTEJO (LPFA), ARP 38 02 21N 008 06 15W, within lateral limits of TIGER NORTH.

SEIA (LPSE), ARP 40 27 12N 007 41 30W, within lateral limits of APOLO.

HELIPORTS:

ABRANTES HOSPITAL (LPAB), ARP 39 27 22N 008 11 59W, within lateral limits of AQUARIUS.

BARLAVENTO ALGARVIO HOSPITAL (LPBA), ARP 37 09 24N 008 32 27W, within lateral limits of prohibited area for LPPM.

COVILHÃ HOSPITAL (LPCL), 40 16 03N 007 29 29W, within lateral limits of APOLO.

ÉVORA HOSPITAL (LPER), ARP 38 34 05N 007 54 09W, within lateral limits of prohibited area for LPEV.

GUARDA HOSPITAL (LPGA), 40 31 47N 007 16 41W, within lateral limits of APOLO.

HERDADE DA BRAVA (LPHB), ARP 37 41 43N 007 37 14W, within lateral limits of TIGER SOUTH.

BEJA (LPPJ), ARP 38 03 29N 007 52 31W, within lateral limits of TIGER NORTH.

SARDOAL (LPSD), ARP 39 32 33N 008 09 37W, within lateral limits of AQUARIUS.

SINES (LPSI), ARP 37 57 18N 008 52 46W, within lateral limits of TIGER NORTH.

TOMAR HOSPITAL (LPTH), ARP 39 36 38N 008 23 43W, within lateral limits of AQUARIUS.

AGUIAR DA BEIRA, ARP 40 49 03N 007 32 11W, within lateral limits of APOLO.

LAGOS, ARP 37 07 15N 008 40 35W, within lateral limits of prohibited area for LPPM.

MONCHIQUE, ARP 37 19 12N 008 33 08W, within lateral limits of TIGER 1L.

ULTRALIGHTS RUNWAYS:

ALENTEJO AIR PARK, 37 27 56N 008 44 14W, within lateral limits of TIGER 1L.

BEJA, 38 03 37N 007 52 39W, within lateral limits of TIGER NORTH.

CABEÇO DA VACA, 40 20 40N 006 58 48W, within lateral limits of APOLO.

CAMPINHO, 38 21 33N 007 27 57W, within lateral limits of TIGER 5.

HERDADE DA LAMEIRA, 39 16 40N 007 46 21W, within lateral limits of AQUARIUS and TAURUS.

HERDADE ZAMBUJEIRA, 37 40 15N 008 07 26W, within lateral limits of TIGER SOUTH.

LAGOS, 37 07 19N 008 40 44W, within lateral limits of prohibited area for LPPM.

VALADAS, 39 40 55N 008 15 11W, within lateral limits of AQUARIUS.

VALDONAS, 39 35 27N 008 22 17W, within lateral limits of AQUARIUS.

7. TEMPORARILY SUSPENDED AREAS/ACTIVITIES AND AIP PORTUGAL SUPPLEMENT

The following Aerial Sporting and Recreational activities (reference AIP PORTUGAL ENR 5.5.2) will be temporarily suspended, during the following periods:

May 23RD, 24TH, 27TH, 28TH, 29TH and 30TH. June 2nd, 3rd, 4th and 5th:

- 09:15 – 12:30, 13:30 – 16:00, 20:30 – 23:00.

LPEV - PJE and GLIDER, 5KM radius centered at 38 31 47N 007 53 31W, within lateral limits of TIGER 6.

PROENÇA-A-NOVA (LPPN) - PJE, 5NM radius centered at 39 43 52N 007 52 29W, within lateral limits of TAURUS and JUPITER.

LPPM - PJE, 3NM radius centered at 37 08 58N 008 35 02W, within lateral limits of TIGER 1L.

8. VALIDITY

From: 16-MAY-2024

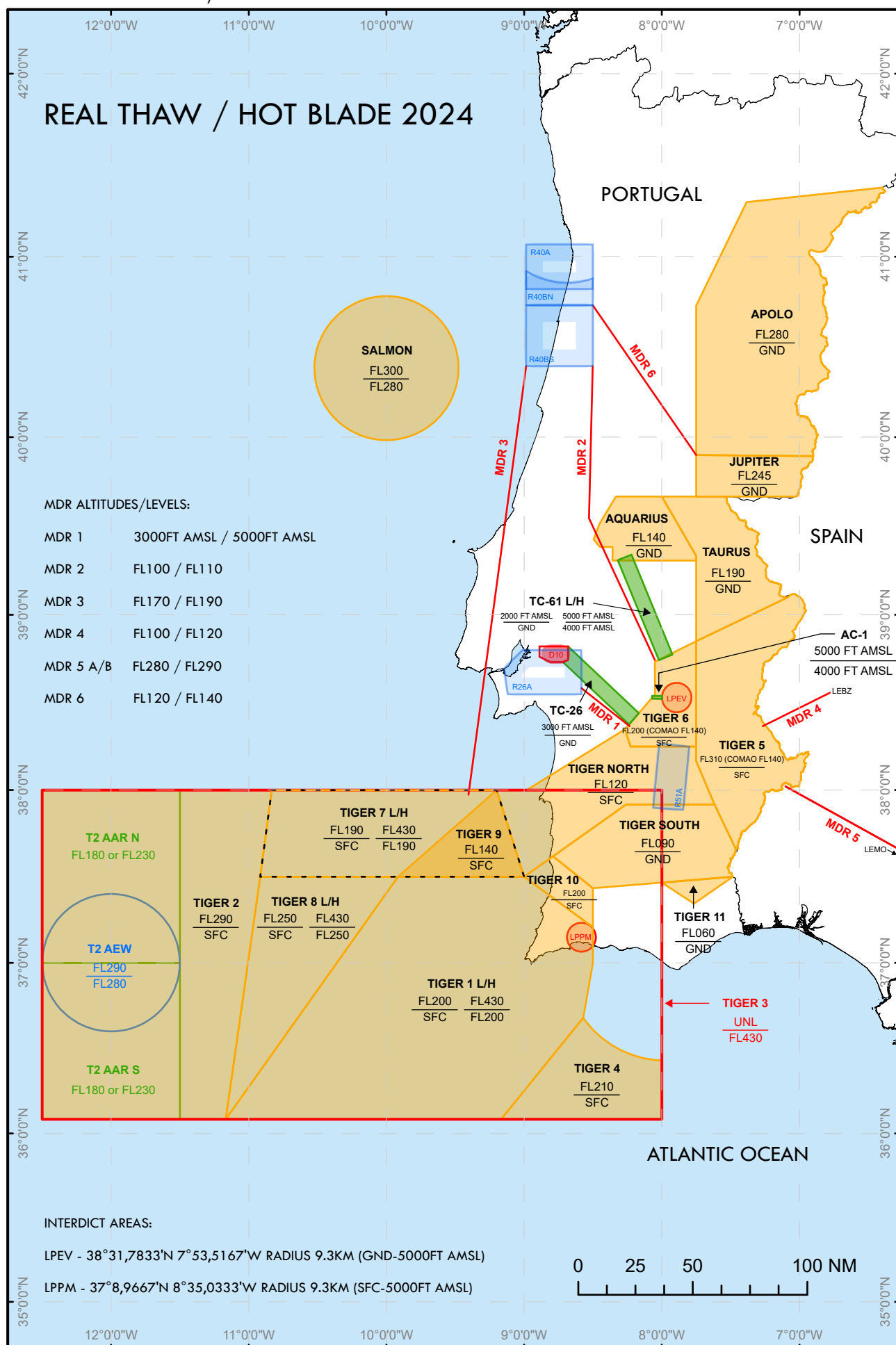
To: 05-JUN-2024

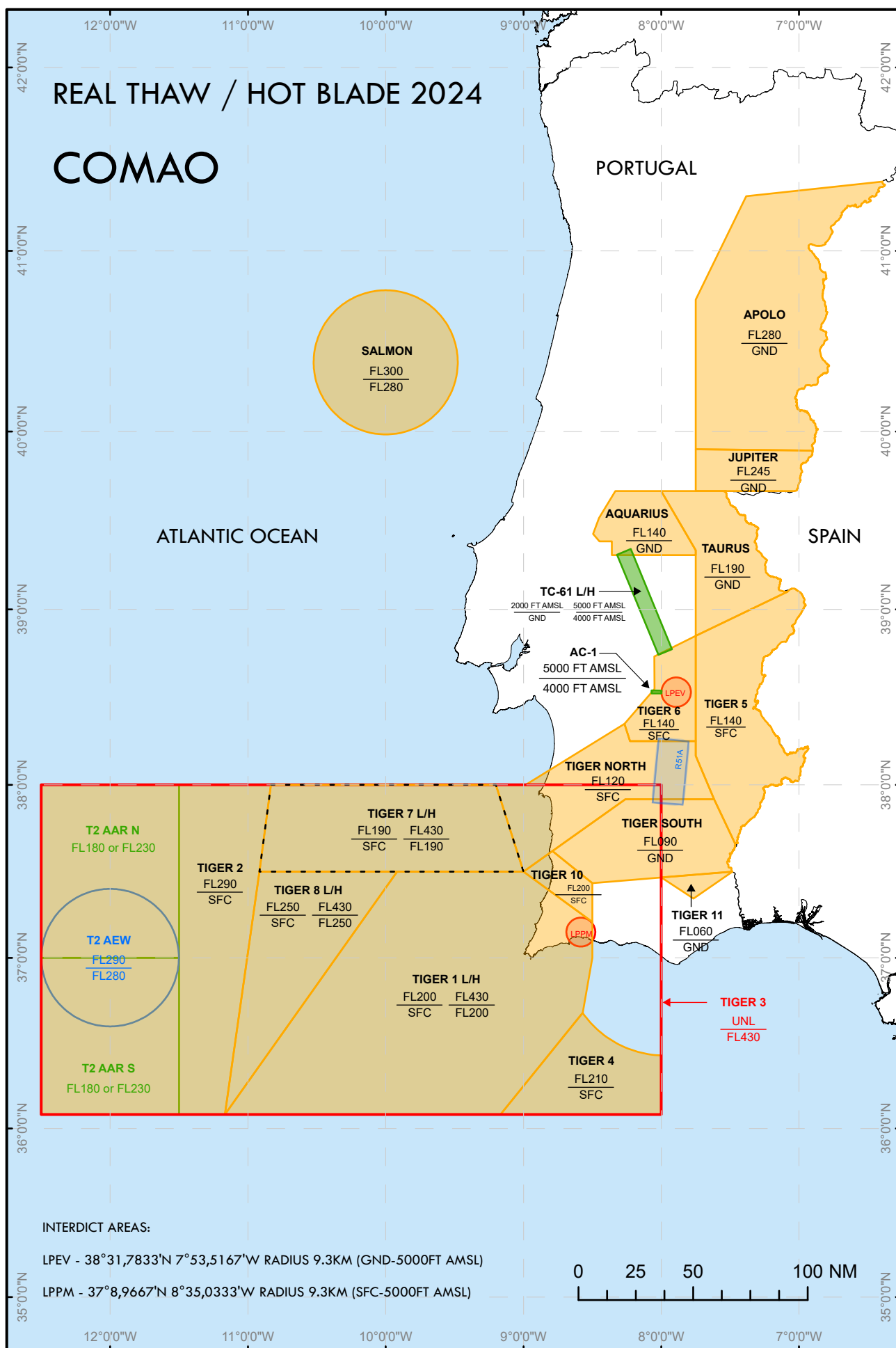
9. APPENDIX

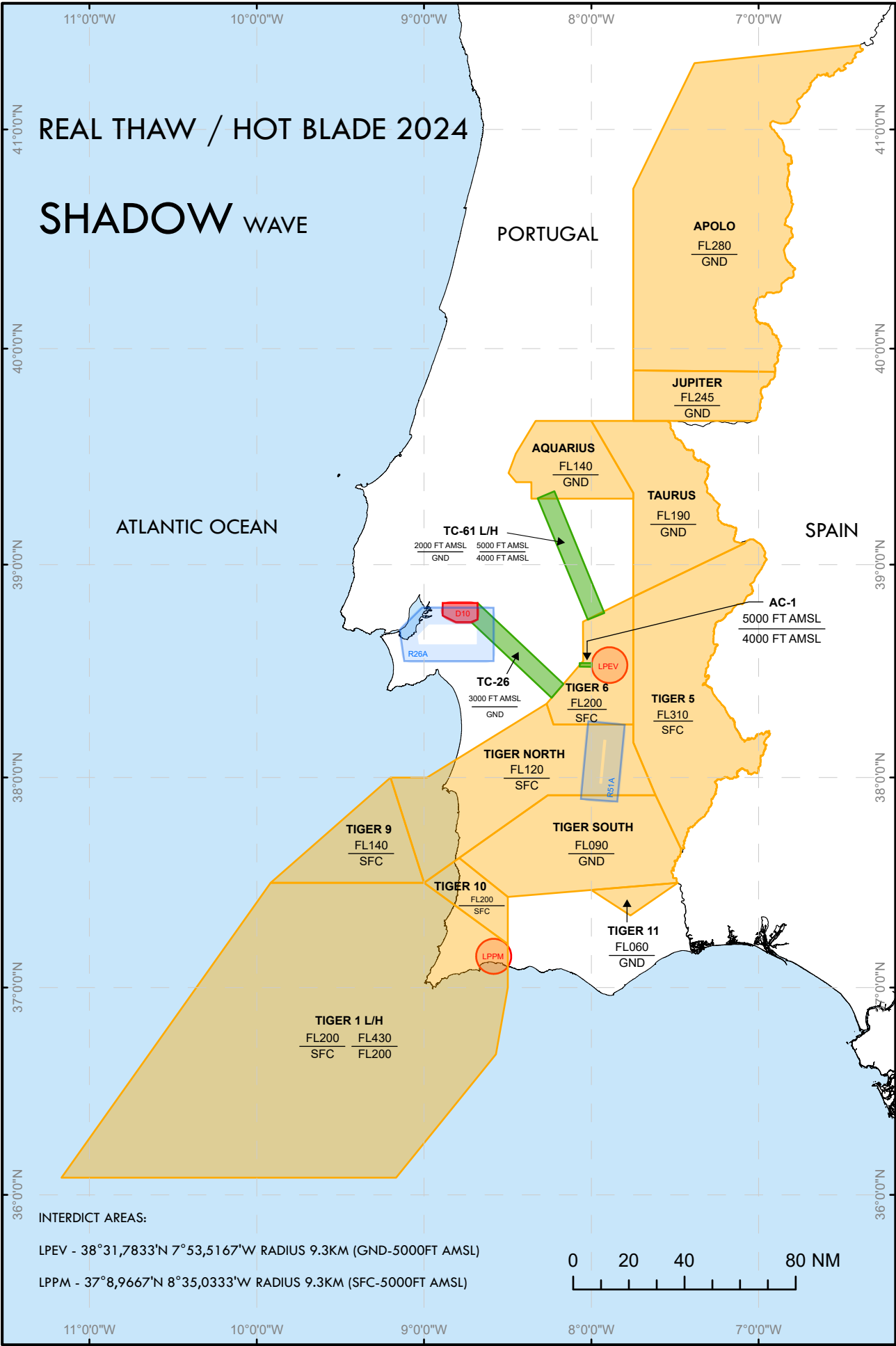
Appendix to this supplement comprises 4 charts.

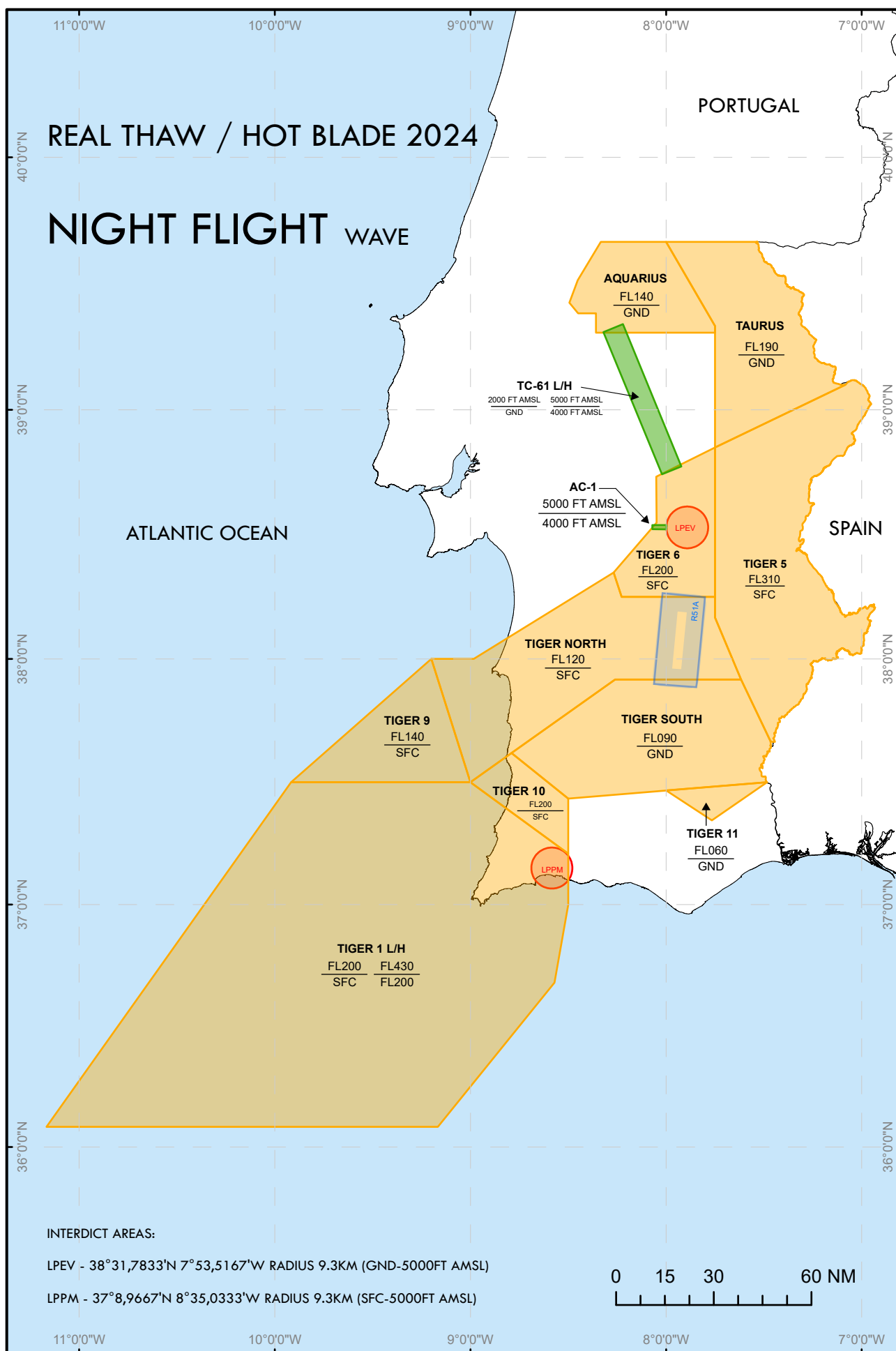
10. RECORD OF AIP SUPPLEMENT

Record entry of AIRAC MIL AIP SUP 11/24 at MIL AIP GEN 0.3.









END OF SUPPLEMENT