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LPPC FIR - UNMANNED AIRCRAFT SYSTEMS (UAS)

1. PURPOSE

State unmanned aircraft will be performing forest fire surveillance, environmental surveillance and monitoring within Lisboa FIR (LPPC).

2. AIRSPACE

The following areas will be used (Appendix 1).

AREA N

8.5NM RADIUS CENTRED ON 412951N 0070538W

GND - 7500FT AMSL

AREA N1

420435N 0083017W - 415035N 0083017W - 415221N 0085126W - ALONG PORTUGUESE/SPANISH BORDER UNTIL 420435N 0083017W

1500FT AGL - 6000FT AMSL

AREA N2

420435N 0083017W - ALONG PORTUGUESE/SPANISH BORDER UNTIL 414855N 0080948W - 414224N 0080948W - 415035N 0083017W - 420435N 0083017W

1500FT AGL - 7500FT AMSL

AREA N3

414952N 0073346W - 413823N 0073346W - 413823N 0080432W - 414224N 0080948W - 414855N 0080948W - ALONG PORTUGUESE/SPANISH BORDER UNTIL 414952N 0073346W

1500FT AGL - 7500FT AMSL

AREA N4

415850N 0071010W - 413823N 0071010W - 413823N 0073346W - 414952N 0073346W - ALONG PORTUGUESE/SPANISH BORDER UNTIL 415850N 0071010W, EXCLUDING LPCH ATZ

2000FT AGL - 6500FT AMSL

AREA N5

415916N 0064736W - 413823N 0064736W - 413823N 0071010W - 415850N 0071010W - ALONG PORTUGUESE/SPANISH BORDER UNTIL 415916N 0064736W

2000FT AGL - 7500FT AMSL

AREA N6

415916N 0064736W - ALONG PORTUGUESE/SPANISH BORDER UNTIL 413823N 0061546W - 413823N 0064736W - 415916N 0064736W, EXCLUDING LPBG ATZ

2000FT AGL - 7500FT AMSL

AREA N7

413823N 0080432W - 413823N 0073346W - 412116N 0073346W - 412116N 0075526W - 412901N 0075758W - 413823N 0080432W

1500FT AGL - 6500FT AMSL

AREA N8

413823N 0073346W - 413823N 0071010W - 412116N 0071010W - 412116N 0073346W - 413823N 0073346W

2000FT AGL - 7000FT AMSL

AREA N9

413823N 0071010W - 413823N 0064736W - 412116N 0064736W - 412116N 0071010W - 413823N 0071010W

2000FT AGL - 7000FT AMSL

AREA N10

413823N 0064736W - 413823N 0061546W - ALONG PORTUGUESE/SPANISH BORDER UNTIL 412116N 0062343W - 412116N 0064736W - 413823N 0064736W

2000FT AGL - 6500FT AMSL

AREA N11

412116N 0075526W - 412116N 0073346W - 410410N 0073346W - 410410N 0075804W - 411125N 0075452W - 412116N 0075526W, EXCLUDING LPVR ATZ

1500FT AGL - 6500FT AMSL

AREA N12

412116N 0073346W - 412116N 0071010W - 410410N 0071010W - 410410N 0073346W - 412116N 0073346W

2000FT AGL - 6500FT AMSL

AREA N13

412116N 0071010W - 412116N 0064736W - 410410N 0064736W - 410410N 0071010W - 412116N 0071010W

2000FT AGL - 6500FT AMSL

AREA N14

412116N 0064736W - 412116N 0062343W - ALONG PORTUGUESE/SPANISH BORDER UNTIL 410410N 0064653W - 410410N 0064736W - 412116N 0064736W

2000FT AGL - 6500FT AMSL

AREA N15

410410N 0075804W - 410410N 0073346W - 405017N 0072830W - 405017N 0074902W - 410125N 0074937W
- 410410N 0075804W

1500FT AGL - 6500FT AMSL

AREA N16

410410N 0073346W - 410410N 0071010W - 404138N 0071010W - 404519N 0072830W - 405017N 0072830W
- 410410N 0073346W

2000FT AGL - 6500FT AMSL

AREA N17

410410N 0071010W - 410410N 0064736W - 410410N 0064653W - ALONG PORTUGUESE/SPANISH
BORDER UNTIL 404313N 0064903W - 404138N 0071010W - 410410N 0071010W

2000FT AGL - 6500FT AMSL

AREA L

7NM RADIUS CENTRED ON 400524N 0081043W

GND - 7500FT AMSL

AREA L1

410410N 0075804W - 410125N 0074937W - 405017N 0074902W - 405017N 0081043W - 405745N 0080129W
- 410410N 0075804W

1500FT AGL - 6500FT AMSL

AREA L2

405017N 0081043W - 403754N 0081043W - 403754N 0083005W - 404224N 0083005W - 404510N 0081940W
- 405017N 0081043W

1500FT AGL - 6000FT AMSL

AREA L3

405017N 0081043W - 405017N 0074902W - 403754N 0074902W - 403754N 0081043W - 405017N 0081043W,
EXCLUDING LPVZ ATZ.

1500FT AGL - 6000FT AMSL

AREA L4

405017N 0074902W - 405017N 0072830W - 404519N 0072830W - 403754N 0072830W - 403754N 0074902W
- 405017N 0074902W

2000FT AGL - 7500FT AMSL

AREA L5

403754N 0083005W - 402200N 0083005W - 402200N 0084712W - 403754N 0083005W

2000FT AGL - 4000FT AMSL

AREA L6

403754N 0083005W - 403754N 0081043W - 402200N 0081043W - 402200N 0083005W - 403754N 0083005W

2000FT AGL - 6500FT AMSL

AREA L7

403754N 0081043W - 403754N 0074902W - 402200N 0074902W - 402200N 0081043W - 403754N 0081043W
2000FT AGL - 7000FT AMSL

AREA L8

403754N 0074902W - 403754N 0072830W - 402200N 0071920W - 402200N 0074902W - 403754N 0074902W
2000FT AGL - 8500FT AMSL

AREA L9

402200N 0084712W - 402200N 0083005W - 400524N 0083937W - 400524N 0085308W - 402200N 0084712W
2000FT AGL - 4000FT AMSL

AREA L10

402200N 0083005W - 402200N 0081043W - 400524N 0081043W - 400524N 0083937W - 402200N 0083005W,
EXCLUDING LPCO ATZ.
2000FT AGL - 5000FT AMSL

AREA L11

402200N 0081043W - 402200N 0074902W - 400524N 0074902W - 400524N 0081043W - 402200N 0081043W
2000FT AGL - 7500FT AMSL

AREA L12

402200N 0074902W - 402200N 0071920W - 400524N 0071440W - 400524N 0074902W - 402200N 0074902W
2000FT AGL - 9000FT AMSL

AREA L13

400524N 0083937W - 400524N 0081043W - 394835N 0081043W - 394835N 0083149W - 394835N 0083741W
- 400524N 0083937W, EXCLUDING LPCO ATZ
2000FT AGL - 5500FT AMSL

AREA L14

400524N 0081043W - 400524N 0074902W - 394835N 0074902W - 394835N 0081043W - 400524N 0081043W
2000FT AGL - 7500FT AMSL

AREA L15

400524N 0074902W - 400524N 0071440W - 394835N 0071920W - 394835N 0074902W - 400524N 0074902W
2000FT AGL - 7500FT AMSL

AREA L16

394835N 0083741W - 394835N 0083149W - 393312N 0083149W - 393312N 0084520W - 394325N 0083705W
- 394835N 0083741W
2000FT AGL - 5500FT AMSL

AREA L17

394835N 0083149W - 394835N 0081043W - 393312N 0081043W - 393312N 0083149W - 394835N 0083149W
2000FT AGL - 5000FT AMSL

AREA L18

394835N 0081043W - 394835N 0074902W - 394034N 0074902W - 394344N 0075809W - 393312N 0080436W
- 393312N 0081043W - 394835N 0081043W
2000FT AGL - 5500FT AMSL

AREA L19

394835N 0074902W - 394835N 0071920W - 393858N 0072057W - ALONG PORTUGUESE/SPANISH
BORDER UNTIL 393528N 0073008W - 393618N 0073650W - 394034N 0074902W - 394835N 0074902W
2000FT AGL - 5500FT AMSL

AREA L20

393312N 0083149W - 393312N 0081043W - 393312N 0080436W - 391825N 0081305W - 391825N 0083149W
- 393312N 0083149W
2000FT AGL - 4500FT AMSL

AREA L21

393618N 0073650W - 393528N 0073008W - ALONG PORTUGUESE/SPANISH BORDER UNTIL 392904N
0072210W - 391825N 0072200W - 391825N 0074707W - 393618N 0073650W
2000FT AGL - 6000FT AMSL

AREA L22

391825N 0074707W - 391825N 0072200W - 390351N 0072843W - 390351N 0075602W - 391825N 0074707W
2000FT AGL - 5500FT AMSL

AREA L23

390351N 0075602W - 390351N 0072843W - 384749N 0074902W - 384749N 0081025W - 385000N 0081000W
- 390306N 0080708W - 385954N 0075810W - 390351N 0075602W
2000FT AGL - 4500FT AMSL

AREA L24

393848N 0080109W - 394344N 0075809W - 393618N 0073650W - 385954N 0075810W - 390053N 0080100W
- 393848N 0080109W
FL055 - FL070

AREA S

5NM RADIUS CENTRED ON 371854N 0083457W
GND - 6500FT AMSL

AREA S1

384749N 0081025W - 384749N 0074902W - 383602N 0074902W - 383602N 0075625W - 383255N 0075901W
- 383255N 0080256W - 383248N 0081817W - 384749N 0081025W
2000FT AGL - 4500FT AMSL

AREA S2

384749N 0074902W - 384200N 0072843W - 383309N 0071707W - 383309N 0074839W - 383602N 0074902W
- 384749N 0074902W

2000FT AGL - 4500FT AMSL

AREA S3

383248N 0081817W - 383255N 0080256W - 382055N 0081604W - 381201N 0081221W - 381201N 0082400W
- 381201N 0084025W - 382200N 0082400W - 383248N 0081817W

2000FT AGL - 4500FT AMSL

AREA S4

381201N 0084025W - 381201N 0082400W - 375355N 0082400W - 375355N 0084823W - 380803N 0084729W
- 381201N 0084025W

2000FT AGL - 4500FT AMSL

AREA S5

381201N 0082400W - 381201N 0081222W - 375355N 0080457W - 375355N 0082400W - 381201N 0082400W

2000FT AGL - 4500FT AMSL

AREA S6

375355N 0084823W - 375355N 0082400W - 373551N 0082400W - 373551N 0083457W - 373551N 0084823W
- 375355N 0084823W

2000FT AGL - 4500FT AMSL

AREA S7

375355N 0082400W - 375355N 0080457W - 373551N 0075731W - 373551N 0082400W - 375355N 0082400W

2000FT AGL - 4500FT AMSL

AREA S8

373551N 0084845W - 373551N 0083457W - 371854N 0083457W - 371854N 0085219W - 373551N 0084845W

2000FT AGL - 5000FT AMSL

AREA S9

373551N 0083457W - 373551N 0082400W - 373551N 0075731W - 373324N 0081411W - 372800N 0082550W
- 371854N 0083457W - 373551N 0083457W

2000FT AGL - 5000FT AMSL

AREA S10

371854N 0085219W - 371854N 0083457W - 371301N 0083841W - 370746N 0084045W - 370446N 0084201W
- 370059N 0085956W - 371854N 0085219W

2000FT AGL - 5000FT AMSL

CORRIDOR OTA - L

391500N 0085325W - 392520N 0083144W, 5KM WIDTH

1500FT - 2500FT AMSL

NOTE 1: Daily between SR and 02:00 (01:00).

NOTE 2: In order to minimize the impact for other airspace users, only a selected number of sub-areas L, N and S will be activated daily for a 6 to 9 hours period. For updated information concerning active sub-areas, contact Lisboa Information on frequencies 130.905MHZ, 123.755MHZ or 131.055MHZ or by phone (+351) 218553462.

NOTE 3: Fire Fighting flights, MEDEVAC flights, state aircraft, Search and Rescue flights and scheduled air service between LPBG/ LPVR/ LPVZ/ LPCS/ LPPM, will be able to cross any area, including the area where the UAS is operating, after prior coordination with Lisboa Information.

3. AFFECTED ATZ / AERODROMES / HELIPORTS / ULTRALIGHT RUNWAYS

The UAS will avoid the following ATZ: LPCH, LPBG, LPVR, LPVZ, LPCO, LPCB and LPPM. The AFIS from the mentioned ATZ, will be notified by Lisboa Information of any restrictions at the moment of the contact from the AFIS to activate the local ATZ.

The UAS will avoid a circular area of 2NM centred on the AD/Heliports/Ultralight RWY listed below and maintain 2000FT AGL or above when flying over the mentioned area.

AERODROMES

LPCH (CHAVES), ARP 414319N 0072746W, within lateral limits of N4.

LPBG (BRAGANÇA), ARP 415124N 0064227W, within lateral limits of N6.

LPVR (VILA REAL), ARP 411632N 0074312W, within lateral limits of N11.

LPMI (MIRANDELA), ARP 412813N 0071340W, within lateral limits of N.

LPVZ (VISEU), ARP 404332N 0075321W, within lateral limits of L3.

LPSE (SEIA), ARP 402712N 0074130W, within lateral limits of L8.

LPCO (COIMBRA), ARP 400922N 0082809W, within lateral limits of L10.

LPLZ (LOUSÃ), ARP 400832N 0081424W, within lateral limits of L, operations AD.

LPCB (CASTELO BRANCO), ARP 395054N 0072630W, within lateral limits of L15.

LPPN (PROENÇA-A-NOVA), ARP 394352N 0075229W, within lateral limits of L18.

LPFC (FIGUEIRA DE CAVALEIROS), ARP 380439N 0081409W, within lateral limits of S5.

HELIPORTS

LPTM (BRAGANÇA HOSP), ARP 414809N 0064608W, within lateral limits of N6.

LPMD (MIRANDELA HOSP), ARP 412905N 0071126W, within lateral limits of N8.

LPMC (MACEDO DE CAVALEIROS), ARP 413131N 0065759W, within lateral limits of N9.

LPAG (ALBERGARIA-A-VELHA), ARP 404226N 0082929W, within lateral limits of L2.

LPTT (VISEU HOSPITAL), ARP 403856N 0075421W, within lateral limits of L3.

AGUIAR DA BEIRA, ARP 404903N 0073211W, within lateral limits of L4.

LPCD (STA COMBA DÃO), ARP 402355N 0080830W, within lateral limits of L7.

LPCI (COIMBRA UNIVERSIDADE, HOSPITAL), ARP 401312N 0082447W, within lateral limits of L10.

LPCV (COIMBRA - COVÕES HOSPITAL), ARP 401141N 0082737W, within lateral limits of L10.

LPCL (COVILHÃ HOSPITAL), ARP 401630N 0072929W, within lateral limits of L12.

LPTH (TOMAR HOSPITAL), ARP 393638N 0082343W, within lateral limits of L17.

LPSD (SARDOAL), ARP 393233N 0080937W, within lateral limits of L20.

LPNV (TORRES NOVAS HOSPITAL), ARP 392810N 0083214W, within lateral limits of L20.

LPAB (ABRANTES HOSPITAL), ARP 392722N 0081159W, within lateral limits of L20.
MONCHIQUE, ARP 371912N 0083308W, within lateral limits of S.
LAGOS, ARP 370715N 0084035W, within lateral limits of S10.

ULTRALIGHT RUNWAYS

CERVAL, ARP 415830N 0084024W, within lateral limits of N1.
CABECEIRAS DE BASTO, ARP 413319N 0075916W, within lateral limits of N7.
CASARÃO, ARP 403257N 0082422W, within lateral limits of L6.
CASALINHO - POMBAL, ARP 395311N 0083856W, within lateral limits of L13.
PIAS LONGAS, ARP 393552N 0083402W, within lateral limits of L16.
VALADAS - FERREIRA DO ZÊZERE, ARP 394055N 0081511W, within lateral limits of L17.
VALDONAS, ARP 393527N 0082217W, within lateral limits of L17.
HERDADE DA LAMEIRA, ARP 391640N 0074621W, within lateral limits of L22.
HERDADE DA ZAMBUJEIRA, ARP 374015N 0080726W, within lateral limits of S7.
ALENTEJO AIR PARK, ARP 372756N 0084414W, within lateral limits of S8.
LAGOS, ARP 370719N 0084044W, within lateral limits of S10.

4. TEMPORARILY AFFECTED AREAS / ACTIVITIES AND AIP PORTUGAL SUPPLEMENTS

The following Aerial Sporting and Recreational activities (reference AIP PORTUGAL ENR 5.5.2) may have some restrictions when the affected areas are active:

GLIDER FLYING

BRAGANÇA AD (LPBG), 415632N 0065510W - 415629N 0065456W along PORTUGUESE/SPANISH border until 414354N 0063307W - 414318N 0063255W then a clockwise arc radius 20KM centred on 415124N 0064227W - 415632N 0065510W, within lateral limits of N5 and N6.

MOGADOURO AD (LPMU), 410804N 0064545W then a clockwise arc radius 16NM centred on 412340N 0064104W - 412337N 0061951W - 412326N 0062002W along PORTUGUESE/SPANISH border until 410831N 0064456W - 410804N 0064545W, within lateral limits of N10 and N14.

AMENDOEIRA AD (LPMN), 384233N 0081631W - 384629N 0082208W - 384752N 0081208W - 384543N 0080721W - 383853N 0081239W - 384233N 0081631W, within lateral limits of S1.

SERRA DE BORNES, 16KM radius centred on 413532N 0070255W, within lateral limits of N, N4, N5, N8 AND N9.

PARACHUTE JUMPING EXERCISE

PROENÇA-A-NOVA (LPPN), 5NM radius centred on 394352N 0075229W, within lateral limits of L14, L18 and L19.

TANCOS (LPTN), 5KM radius centred on 392831N 0082221W, within lateral limits of L20.

MODEL FLYING

CHAVES AD (LPCH), 220M radius centred on 414328N 0072753W, within lateral limits of N4.

5. VALIDITY

This Supplement is valid from 11-MAR-2024 until 31-DEC-2024, replaces NOTAM A5120/23, A5121/23.

6. APPENDIX

This supplement comprises 4 appendices.

AEE - Portuguese Airspace

Legend:

- 1 - ATZ LPCH
- 2 - ATZ LPBG
- 3 - ATZ LPVR
- 4 - ATZ LPVZ
- 5 - ATZ LPCO
- 6 - ATZ LPCB
- 7 - TRMZ LPSO
- 8 - ATZ LPPM

Legend:

- N - GND/7500FT AMSL
- L - GND/7500FT AMSL
- S - GND/6500FT AMSL

Legend:

- L1 - 1500FT AGL/6500FT AMSL
- L2 - 1500FT AGL/6000FT AMSL
- L3 - 1500FT AGL/6000FT AMSL
- L4 - 2000FT AGL/7500FT AMSL
- L5 - 2000FT AGL/4000FT AMSL
- L6 - 2000FT AGL/6500FT AMSL
- L7 - 2000FT AGL/7000FT AMSL
- L8 - 2000FT AGL/8500FT AMSL
- L9 - 2000FT AGL/4000FT AMSL
- L10 - 2000FT AGL/5000FT AMSL
- L11 - 2000FT AGL/7500FT AMSL
- L12 - 2000FT AGL/9000FT AMSL
- L13 - 2000FT AGL/5500FT AMSL
- L14 - 2000FT AGL/7500FT AMSL
- L15 - 2000FT AGL/7500FT AMSL
- L16 - 2000FT AGL/5500FT AMSL
- L17 - 2000FT AGL/5000FT AMSL
- L18 - 2000FTAGL/5500FT AMSL
- L19 - 2000FT AGL/5500FT AMSL
- L20 - 2000FT AGL/4500FT AMSL
- L21 - 2000FT AGL/6000FT AMSL
- L22 - 2000FT AGL/5500FT AMSL
- L23 - 2000FT AGL/4500FT AMSL
- L24 - FL055 / FL070

Legend:

- S1 - 2000FT AGL/4500FT AMSL
- S2 - 2000FT AGL/4500FT AMSL
- S3 - 2000FT AGL/4500FT AMSL
- S4 - 2000FT AGL/4500FT AMSL
- S5 - 2000FT AGL/4500FT AMSL
- S6 - 2000FT AGL/4500FT AMSL
- S7 - 2000FT AGL/4500FT AMSL
- S8 - 2000FT AGL/5000FT AMSL
- S9 - 2000FT AGL/5000FT AMSL
- S10 - 2000FT AGL/5000FT AMSL

Legend:

- R40A
- R40BN
- R40BS
- R60A
- R60B
- R39A
- D25
- R51BN
- R51BS
- R51C
- D64

Legend:

- TRA54
- TRA55
- TRA56
- TRA57
- TRA13
- TMA PORTO
- TMA LISBOA
- TMA FARO

Legend:

- OTA-L

Legend:

- CORRIDOR OTA - L

Legend:

- ATLANTIC OCEAN

Legend:

- SPAIN

Figure 2. Appendix 2

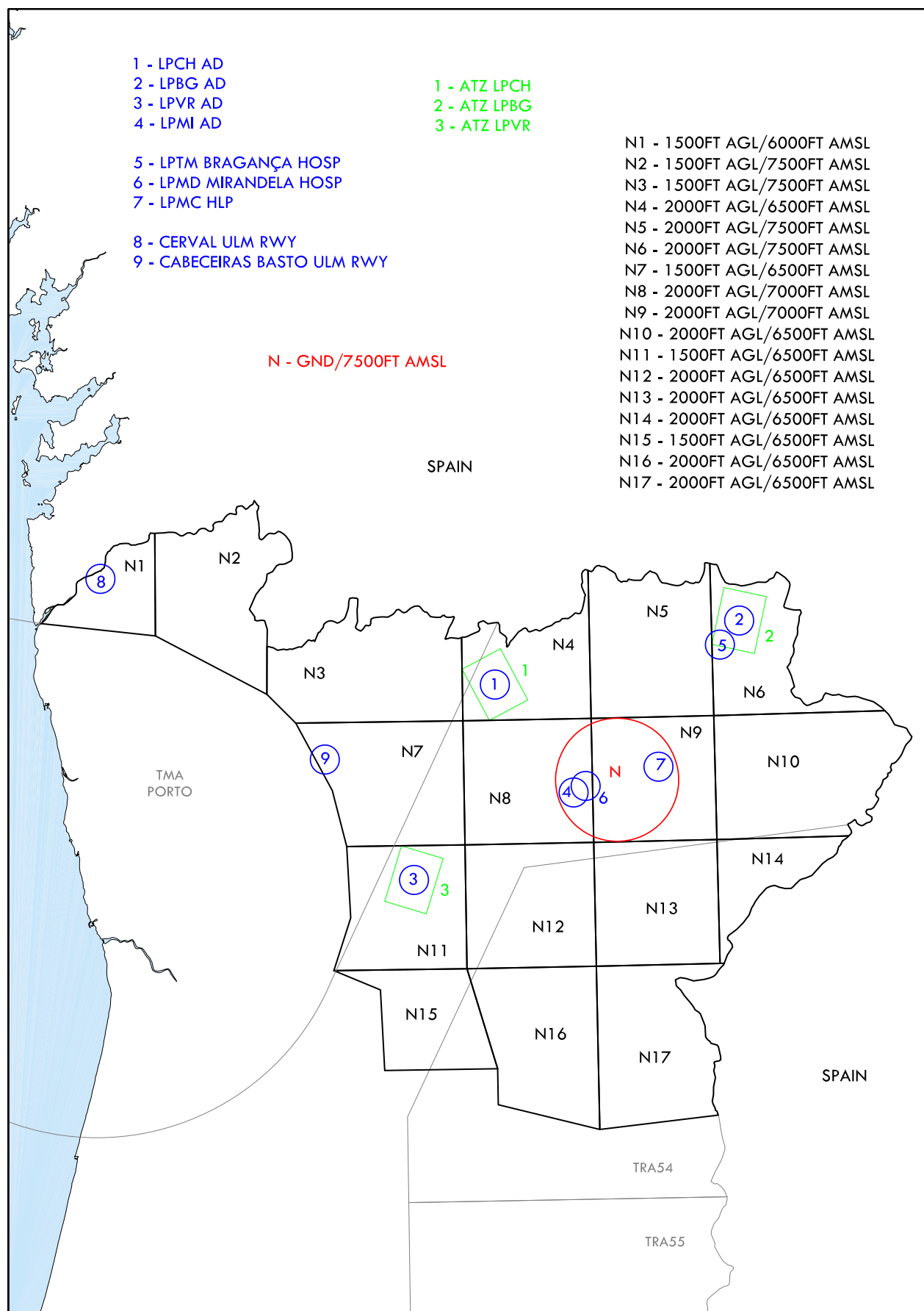


Figure 3. Appendix 3

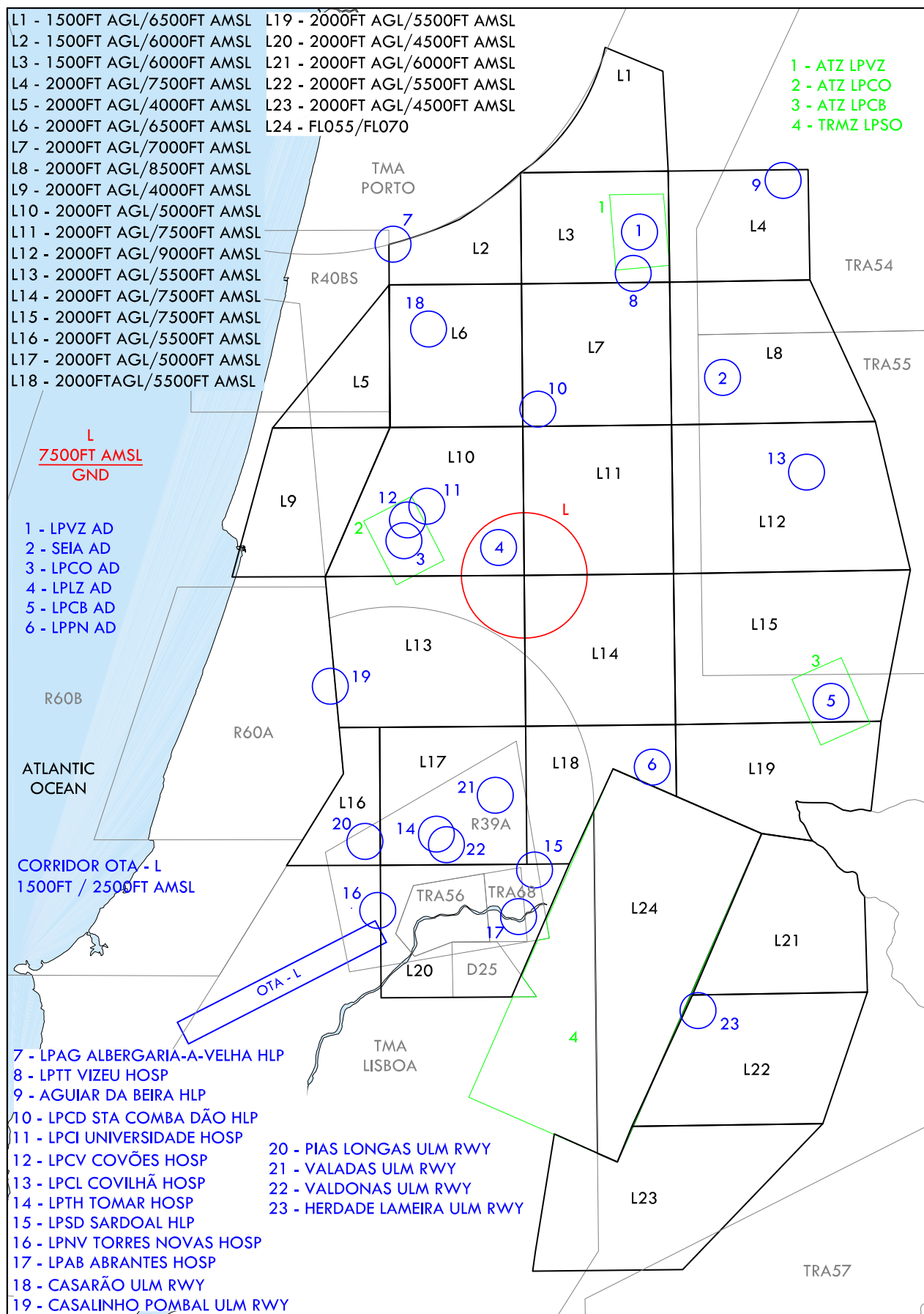
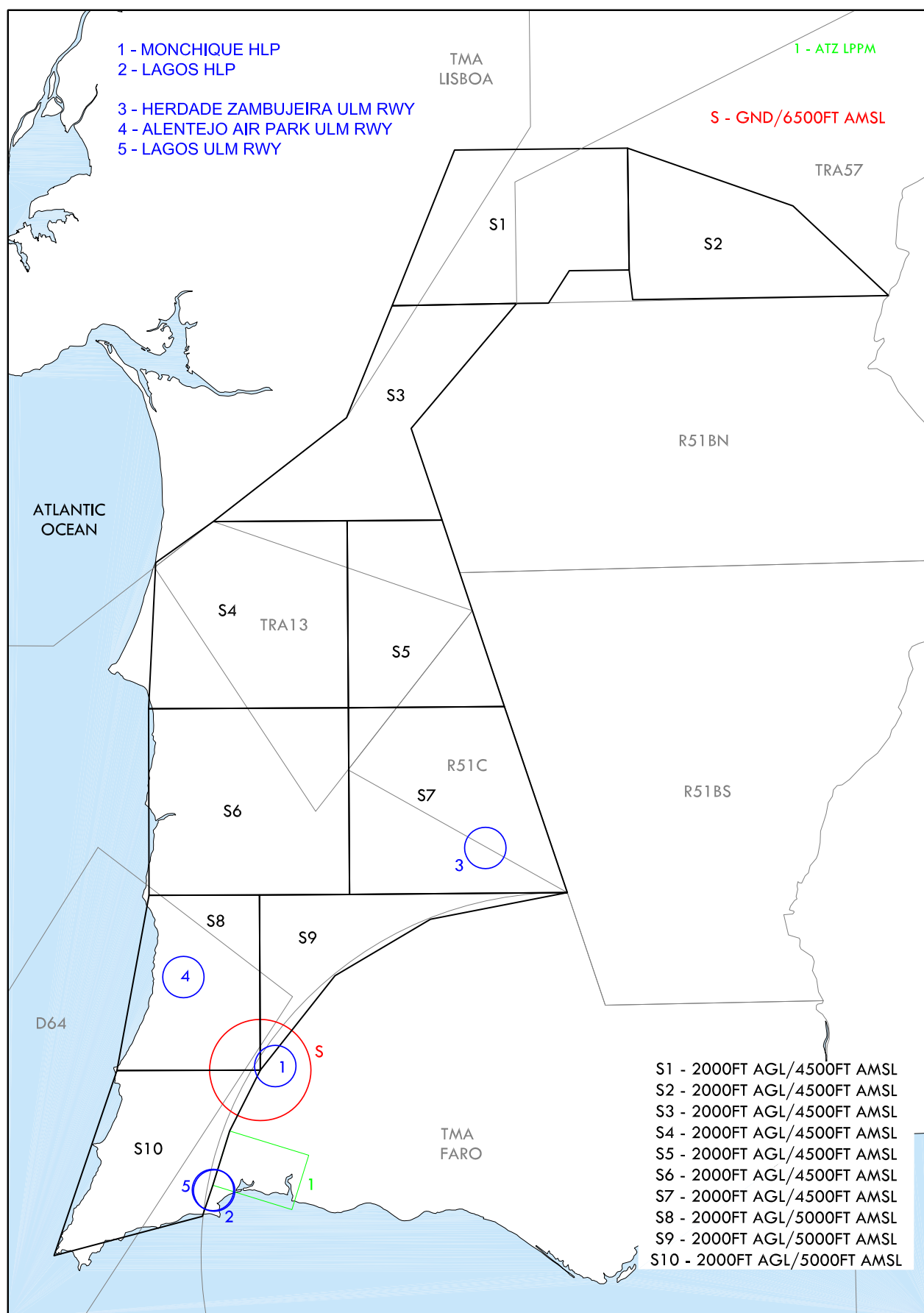


Figure 4. Appendix 4



END OF SUPPLEMENT