



SPECIAL OPERATIONS

LETTER OF AGREEMENT

IVAO ESPAÑA & IVAO PORTUGAL

NAME: SO, LOA-PT-ES

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INDEX

1. PURPOSE	2
2. ATC PROCEDURES	2
3. AIR BASES	3
4. COORDINATIONS	4
5. RESTRICTED AND DANGEROUS AREAS By agreement between IVAO PT and IVAO ES, the following Restricted areas can be used:.....	5
6. PILOT PROCEDURES	7
6.1 Pilots operating in Portugal	7
6.2 Pilots operating in Spain	7
7. CREDITS	7
8. CHANGE LOG	7

1. PURPOSE

The purpose of this Letter of Agreement is to define the coordination procedures to be applied our two divisions when they are offering Special Operations services

The content of this agreement is approved by the Coordinators of the Special Operations Department, its application will be mandatory when a user is offering ATS in any of the positions mentioned in this document and when flying as a Special Operation Flight.

2. ATC PROCEDURES

Special Operations traffics and IFR transits at the same level must maintain a minimum horizontal separation of 10 nm.

Outside Special Areas the maximum speed will be MACH 0.95 above FL100 and 350KIAS below FL100 if it does not affect General Air Traffic.

All SOG Flights (unarmed fighters, transports, helicopters) can fly in OAT procedures.

All SOG can break those restrictions. In case the operation is performed breaking the SO regulations or disturbing GAT, the SOG will be the responsible of the operation.

Restricted areas may be crossed as long as pilots use the ATS routes established in the Portuguese/Spanish AIP.

If speed restrictions are applied, it will be necessary to indicate this on the corresponding label and this does not require approval by the receiving sector.

All transits must be transferred free of conflict.

Regarding transfers, traffic must be transferred as soon as possible and with a minimum of ten (10) miles before clearing the limits of the sector. In addition, in the case of being on a climb, it is advisable to transfer it 3000 feet before reaching the authorized level to make a continuous climb. The unit that receives the traffic will not be able to modify its route, altitude or speed until the traffic is within its Area of Responsibility, unless the dependency that has transferred the traffic approves it. Regarding the flight levels assigned between dependencies, they must be:

FROM	TO	FLIGHT LEVEL
LECS_MIL_CTR	LPAM_CTR	EVEN
LPAM_CTR	LECS_MIL_CTR	ODD
LECM_MIL_CTR	LPAM_CTR	EVEN
LPAM_CTR	LECM_MIL_CTR	ODD
GCCC_MIL_CTR	LPAM_CTR	EVEN
LPAM_CTR	GCCC_MIL_CTR	ODD

If not military ATC, the coordination will be with the civilian ATC.

Only for simulation use – not for real operations

All special operations pilots are responsible for their separation against civil traffic circulating on the ATS routes.

3. AIR BASES

3.1. Portuguese Airbases.

IVAO Portugal authorize to use following airbases for **deployment**¹, training, refueling and emergency purposes.

AIRBASE	ICAO	FREQ	OBS.
IBERIAN PENINSULA			
Beja Airbase	LPBJ	APP: 130.100MHZ TWR: 130.400MHZ GND: 120.700MHZ	APRON I
Monte Real Airbase	LPMR	APP: 121.700MHZ TWR: 122.100MHZ GND: 119.725MHZ	APRON D1
Montijo Airbase	LPMT	TWR: 134.100MHZ	MAIN APRON
AZORES ISLANDS			
LAJES Airbase	LPLA	APP: 135.000MHZ TWR: 122.100MHZ GND: 121.900MHZ	APRON A & B

All the other military airbase are available for Fuel Stops or as alternate (Check AIP)

¹ Deployments couldn't be more than one week.

3.2. Spanish Airbases.

IVAO Spain authorize to use following airbases for **deployment**¹, training, refueling and emergency purposes.

AIRBASE	ICAO	FREQ	OBS.
IBERIAN PENINSULA			
Zaragoza Air Base	LEZG	IAW SP AIP*	MIL EAST PLATFORM
Badajoz Air Base	LEBZ	IAW SP AIP	MIL APRON
San Javier Air Base	LELC	IAW SP AIP	MIL APRON
Rota Air Base	LERT	IAW SP AIP	Spots 38,39,22,23 Spanish North Platform
CANARY ISLANDS			
Gando Air Base	GCLP	IAW SP AIP	MIL APRON

*IAW SP AIP: In Accordance With Spanish AIP.

1 Deployments couldn't be more than one week.

All the other military airbase except (Torrejón LETO) are available for Fuel Stops or as alternate (Check AIP)

4. COORDINATIONS

Some requirements are necessary to request the use of an Airbase:

1. Portuguese Airbase:

- Send a request via: <https://pt.iviao.aero/portal/contact-us/> with the following information:
 - VSOG / FREELANCE (if VSOG, numbers of members).
 - Airbase.
 - Days of use.
 - Restricted or Dangerous Areas (for training purposes).
 - Other Information

2. Spanish Airbase:

- Send an email to: es-specialops@iviao.aero with the following information:
 - VSOG / FREELANCE (if VSOG, numbers of members).
 - Airbase
 - Days of use
 - Restricted or Dangerous Areas (for training purposes).
 - Other Information (ATC Request, Route, SRA APP Request).

Transit flights don't need to send an email (only for ATC request 2 days in advance).

Coordination must be done at least 1 week before deployment/training

5. RESTRICTED AND DANGEROUS AREAS

By agreement between IVAO PT and IVAO ES, the following Restricted areas can be used:

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Area Type, Activity, and Identification	Conditions of Use	Lateral Limits	Vertical Limits	Activation Details
Restricted area LER63 MURCIA (ACADEMIA GENERAL DEL AIRE)	School and parachuting flights. Before entering the area, make radio contact with SAN JAVIER APP/TWR. ACFT with IFR flight plan with origin/destination MURCIA-San Javier AD or MURCIA/Aeropuerto de la Región de Murcia AD and in contact with the TWR are authorised to enter the area. Aircraft transiting via airways crossing this LER are authorised to enter	385100N0012100W-380700N 0005200W-380700N0002800W- 380300N0002300W From this point, following the line parallel to the coast at 12 NM up to 365100N0014000W-365100N0015000W-370700N0021000W-370700N0023200W-372800N0032100W-381800N0021600W-385100N0012100W	<u>FL260(1)</u> 2000AGL (1)Upper limit extendible by NOTAM to FL340.	MON - FRI: 1 0630-1630 / V: 0530-1530 SAT - SUN: 1 0600 - 1800 / V: 0500-1830 Other activities by NOTAM.
Restricted area LER86A BADAJOZ	Training flights. For overflight, request clearance from BADAJOZ TWR. All activities by any type of aircraft lacking communication equipment enabling contact with BADAJOZ TWR are prohibited . Aircraft transiting via airways crossing this LER are authorised to enter	390900N0065700W-390900N0061700W-383800N0061700W-383800N0071500W from this point, all along the Spanish-Portuguese border, up to 390700N0070100W-390900N0065700W.	<u>FL450</u> SFC	V: 0600-1830; I:0700-1930 Other hours according to training periods, other flights by NOTAM
Restricted area LER86B BADAJOZ	Training flights. For overflight, request clearance from BADAJOZ TWR. All activities by any type of aircraft lacking communication equipment enabling contact with BADAJOZ TWR are prohibited . Aircraft transiting via airways crossing this LER are authorised to enter	395000N0043100W-384500N0050500W-383000N0051300W-383000N0052200W-374400N0061300W-380500N0070000W from this point, all along the Spanish-Portuguese border, up to 390700N0070100W-392500N0062400W-395000N0043100W.	<u>FL240</u> 5000	V: 0600-1830; I:0700-1930 Other hours according to training periods, other flights by NOTAM
Restricted area LER86C BADAJOZ	Area designed expressly for supersonic flights by military aircraft: BTN FL370 - UN. Aircraft transiting via airways crossing this LER are authorised to enter	394800N0043800W-380100N0060500W-374900N0062400W-380500N0070000W; from this point, all along the Spanish-Portuguese border, up to 390800N0070800W-392500N0062400W-394800N0043800W.	<u>FL450</u> FL245	V: 0600-1830; I:0700-1930 Other hours according to training periods, other flights by NOTAM
Dangerous Area LED26 ALICANTE ESTE	Manageable area, Air, air-to-air firing and in-flight refuelling exercises.	365524N0000605E- 375215N0000633E-383035N0003048E- 383530N0004624E-383530N0010638E- 381258N0015124E-374334N0020721E- 365524N0000605E	<u>UNL</u> SFC	By NOTAM
Dangerous Area LED169 ALBORÁN SUPERIOR	Area designed expressly for supersonic flights by military aircraft only south of parallel 3622N and east of meridian 00400W. Air and in-flight refuelling exercises	355000N0045400W- 361224N0043816W-363811N0040344W- 363800N0015449W-355000N0020700W- 355000N0045400W.	<u>UNL</u> FL150	By NOTAM
Dangerous Area LED171A	military aircraft training.	394327N0002845W -following an arc of 6 NM radius centred on 393728N0002821W (CTR VALENCIA limit) up to 394141N0002250W-	<u>2000 ft AMSL</u> SFC	MON-FRI: V: 06:00-13:00; I: 07:00-14:00 other schedules

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SIERRA CALDERONA (CASTELLÓN, TERUEL, VALENCIA)		394036N0001932W- 394611N0001528W-following an arc of 20 NM radius centred on 392922N 0002854W (TMA VALENCIA limit) up to 394837N0002301W- 394327N0002845W.		announced by NOTAM.
Dangerous Area GCD79E CANASUR (Canarias)	Manageable area. Military aircraft training.	273936N0144257W- 272419N0140635W- 250606N0154855W- 250714N0165543W- 251602N0171320W- 272150N0154118W- 271815N0152312W- 272010N0151332W- 272746N0145408W- 273936N0144257W	<u>UNL</u> 2000 ft AMSL	MON - SUN 0700- 1930. Other hours according to training periods, other flights by NOTAM
Dangerous Area GCD79W CANASUR (Canarias)	Manageable area. Military aircraft training.	274352N0171947W- 274401N0171402W- 272925N0165519W- 272120N0162037W- 272218N0161059W- 252746N0173303W- 261703N0182727W- 273716N0172847W- 274352N0171947W	<u>UNL</u> 2000 ft AMSL	MON - SUN 0700- 1930. Other hours according to training periods, other flights by NOTAM

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Area Type, Activity, and Identification	Conditions of Use	Lateral Limits	Vertical Limits	Activation Details
Restricted area LPR51BN BEJA	AIR EXERCISES	383255N 0080256W - 383309N0071707W along PORTUGAL_SPAIN Border to 380730N 0065737W - 380655N 0081016W- 382055N 0081604W - 383255N0080256W	<u>FL250</u> FL105	By NOTAM
Restricted area LPR51BS BEJA	AIR EXERCISES	380655N 0081016W - 380730N0065737W along PORTUGAL_SPAIN Border to 372503N 0072636W - 372455N 0075304W - 373551N 0075731W - 380314N 0080845W - 380655N 0081016W	<u>FL250</u> FL105	By NOTAM
Restricted area LPR60B MONTE REAL	AIR EXERCISES	403856N0091505W - 403730N0090004W - 403551N0084311W - 400416N0083929W - 400045N0083905W - 394325N0083705W - 393605N0084259W - 392055N0085505W - 392055N0094705W - 401159N0092633W - 403856N0091505W	<u>FL500</u> FL245	By NOTAM
Dangerous area LPD63 SEA W OF SAGRES	AIR EXERCISES	375822N 0092417W -374030N 0085435W- 360938N 0100414W -363257N 0104325W- 375822N 0092417W	<u>FL500</u> MSL	By NOTAM
Dangerous area LPD64 SEA / COASTAL OF SAGRES	AIR EXERCISES	374030N 0085435W - 372600N 0083100W 360943N 0093243W - 360938N 0100414W 374030N 0085435W	<u>FL245</u> 2000FT AMSL	By NOTAM

6. PILOT PROCEDURES

6.1 Pilots operating in Portugal

Pilots operating over Portuguese Airspace and Airports are requested to know the following documentations:

1. SO Order
2. AIP Portugal
3. AIP Militar – Portugal
4. EUROAT

6.2 Pilots operating in Spain

Pilots operating over Spanish Airspace and Airports are requested to know the following documentations:

1. SO Order
2. Spanish AIP
3. Spanish RCAO

7. CREDITS

This document has been written in coordination between the Portuguese and Spanish Special Operations Department

8. CHANGE LOG

Version	Date	Changes
1	23/5/2022	Draft
2	05/06/2022	Change 2, inserted several changes in chapters 3 & 4 .
3	12/06/2022	Final Document