



SPECIAL OPERATIONS

LETTER OF AGREEMENT

IVAO ESPAÑA & IVAO NORTH AMERICAN REGION

NAME: SO, LOA-NA-ES

DATE: 09 JUNE 2022.

Version: v1.0.

Validity: Permanent.

INDEX

1. PURPOSE	2
2. ATC PROCEDURES	2
3. AIR BASES	2
4. COORDINATIONS	3
5. RESTRICTED AND DANGEROUS AREAS.....	4
7. CREDITS.....	5
8. CHANGE LOG	6

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. 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 Spanish AIP.

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

3. AIR BASES

3.1. NAR Airbases.

IVAO North American Region authorize to use following airbases for **deployment¹**, training, refueling and emergency purposes.

AIRBASE	ICAO	FREQ	OBS (PARKING).
Nellis Air Force Base	KLSV	FAA AIP	MIL APRON
Naval Air Norfolk	KNGU	FAA AIP	MIL APRON
29 Palms	KNTP	FAA AIP	MIL APRON
Naval Air Station Whiting Field	KNSE	FAA AIP	MIL APRON
Dover Air Force Base	KDOV	FAA AIP	MIL APRON
CFB Cold Lake	CYOD	NavCanada AIP	MIL APRON
CFB Comox	CYQQ	NavCanada AIP	MIL APRON
CFB Gander	CYQX	NavCanada AIP	MIL APRON

Only for simulation use – not for real operations

1 Deployments couldn't be more than one week.

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

3.2. Spanish Airbases.

IVAO Spain authorize to use following airbases for **deployment¹**, refueling and emergency purposes.

AIRBASE	ICAO	FREQ	OBS.
IBERIAN PENINSULA			
Zaragoza Airbase	LEZG	IAW SP AIP*	MIL EAST PLATFORM
Badajoz Airbase	LEBZ	IAW SP AIP	MIL APRON
San Javier Airbase	LELC	IAW SP AIP	MIL APRON
NS Rota	LERT	IAW SP AIP	MIL APRON
Morón AFB	LEMO	IAW SP AIP	MIL APRON
CANARY ISLANDS			
Gando Airbase	GCLP	IAW SP AIP	MIL APRON

1 Deployments couldn't be more than one week.

*IAW SP AIP: In Accordance With Spanish AIP.

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

4. COORDINATIONS

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

1. North American Region Airbases:

- Send a request via: <mailto:xa-specialops@ivao.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

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

2. Spanish Airbase:

- Send an email to: es-specialops@ivao.aero with the following information:
 - VSOG / FREELANCE (if VSOG, numbers of members).
 - Airbase

Only for simulation use – not for real operations

- Days of use
- Restricted or Dangerous Areas (for training purposes).
- Other Information (ATC Request, Route, SRA APP Request). **Coordination must be done at least 1 week before deployment/training**

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 NAR and IVAO ES, the following Restricted areas can be used:

Ivao Spain

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	FL260(1) 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.	FL450 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.	FL240 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.	FL450 FL245	V: 0600-1830; I:0700-1930 Other hours according to training periods, other flights by NOTAM

Only for simulation use – not for real operations

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 SIERRA CALDERONA (CASTELLÓN, TERUEL, VALENCIA)	military aircraft training.	394327N0002845W -following an arc of 6 NM radius centred on 393728N0002821W (CTR VALENCIA limit) up to 394141N0002250W- 394036N0001932W- 394611N0001528W-following an arc of 20 NM radius centred on 392922N 0002854W (TMA VALENCIA limit) up to 394837N0002301W- 394327N0002845W.	<u>2000 ft AMSL</u> SFC	MON-FRI: V: 06:00-13:00; I: 07:00-14:00 other schedules 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

Ivao North American Region

In accordance with SUAs

https://www.faa.gov/air_traffic/publications/atpubs/aip_html/part2_enr_section_5.1.html

6. PILOT PROCEDURES

6.1 Pilots operating in North American Region

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

1. AIP US (FAA): https://www.faa.gov/air_traffic/publications/atpubs/aip_html/index.html
2. AIP CA (NavCanada): <https://www.navcanada.ca/en/aeronautical-information/aip-canada.aspx>

6.2 Pilots operating in Spain

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

3. SO Order
4. Spanish AIP
5. Spanish RCAO

7. CREDITS

This document has been written in coordination between the North American Region and Spanish Special Operations Department

8. CHANGE LOG

Version	Date	Changes
1	9/6/2022	Final document V1.0