



SPECIAL OPERATIONS

LETTER OF AGREEMENT

IVAO ESPAÑA & IVAO NETHERLANDS

NAME: SO, LOA-NL-ES

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1. PURPOSE

The purpose of this Letter of Agreement is to define the coordination procedures to be applied to 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/Freelances Flights (unarmed fighters, transports, helicopters) can fly in OAT procedures.

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

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

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

3. AIR BASES

3.1. Dutch Airbases

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

AIRBASE	ICAO	FREQ	OBS (PARKING).
Deelen AB (training area Air Force & Army)	EHDL	IAW NL AIP	MIL APRON
Eindhoven AB (mil cargo / MRTT)	EHEH	IAW NL AIP	PLATFORM EAST & PLATFORM WEST
Gilze-Rijen AB (AH64, AS332, CH47)	EHGR	IAW NL AIP	MIL APRON
De Kooy AB (NH90)	EHKD	IAW NL AIP	MIL APRON
Leeuwarden AB (F-35A)	EHLW	IAW NL AIP	MIL APRON
Volkel AB (F-16)	EHVK	IAW NL AIP	MIL APRON
Woensdrecht AB (PC-7 / aircraft maintenance)	EHWO	IAW NL AIP	MIL APRON
Schiphol Airport (EC135 / DO228)	EHAM	IAW NL AIP	East platform (K apron)

1) Deployments couldn't be more than one week.

*IAW NL AIP: In Accordance With The Netherlands 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 (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. Netherlands Airbases:

- As per SO Overview <https://nl.ivao.aero/mil/soloa>
- Send a request in advance to: nl-soc@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
 - 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. PROHIBITED, RESTRICTED AND DANGEROUS AREAS

By agreement between IVAO NL and IVAO ES, the following Prohibited, Restricted and Dangerous areas can be used:

IVAO Netherlands

Area Type, Activity, and Identification	Conditions of Use	Lateral Limits	Vertical Limits	Activation Details
Prohibited area EHP25 Drakensteijn Castle	Prohibited area	Circle, radius 0.5 NM, centre 52°10'47.41"N 005°13'37.76"E.	<u>2000 ft AMSL</u> GND	24h
Prohibited area EHP26 Royal palaces and government buildings	Prohibited area	52°03'43.00"N 004°18'20.00"E; 52°06'25.00"N 004°24'20.00"E; 52°07'37.00"N 004°26'03.00"E; 52°08'36.00"N 004°23'50.00"E; 52°05'17.00"N 004°16'27.00"E; to point of origin.	<u>2000 ft AMSL</u> GND	24h
Prohibited area EHP26A Scheveningen	Prohibited area	52°06'26.46"N 004°16'38.89"E; 52°07'10.98"N 004°18'05.07"E; 52°06'47.72"N 004°19'48.69"E; 52°05'58.33"N 004°17'58.83"E; to point of origin.	<u>2000 ft AMSL</u> GND	24h
Restricted area EHR2 Marnerwaard	Gunfiring Vertical limits may vary within the area.	53°24'41.00"N 006°14'09.00"E; 53°25'33.00"N 006°14'56.00"E; 53°26'02.00"N 006°19'55.00"E; 53°24'09.00"N 006°20'08.00"E; 53°24'03.00"N 006°15'16.00"E; to point of origin.	<u>11 700 ft AMSL</u> MSL	Activated by NOTAM.
Restricted area EHR2A Marnerwaard A	Military exercises Vertical limits may vary within the area.	53°23'59.32"N 006°02'44.44"E; 53°25'21.12"N 006°28'46.39"E; along clock-wise arc (radius 8 NM, centre 53°23'00.00"N 006°16'00.00"E) to 53°23'07.98"N 006°29'21.48"E; 53°15'16.66"N 006°12'35.42"E; along clock-wise arc (radius 8 NM, centre 53°23'00.00"N 006°16'00.00"E) to point of origin.	<u>FL 195</u> GND	Activated by NOTAM.
Restricted area EHR4 Vliehors (Cornfield Range)	Air to ground firing	531013N 0044621E - along clockwise arc (radius 8 NM, centre 531500N 0045700E) - 530702N 0045602E - 531100N 0045124E - 531013N 0044621E.	<u>FL 065</u> MSL	MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600- 1500), or when activated by NOTAM. Air to ground firing. From SS-2230 (SS- 2130) flares may be dropped. Vertical limits may vary within the area.

Restricted area EHR8 Den Helder	Military exercises Vertical limits may vary within the area.	525742N 0044425E - 525200N 0044300E - 524700N 0044100E - 524500N 0043200E - 524630N 0042600E - 524900N 0042100E - 530500N 0042100E - 530610N 0043056E - 530259N 0044046E - 525742N 0044425E.	<u>FL 065</u> MSL	MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600- 1500), or when activated by NOTAM. Military exercises. Vertical limits may vary within the area.
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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	<u>FL260(1)</u> 2000AGL (1)Upper limit extendible by NOTAM to FL340.	MON - FRI: I 0630-1630 / V: 0530-1530 SAT - SUN: I 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 390700N0071000W- 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 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

6. PILOT PROCEDURES

6.1 Pilots operating in Netherlands

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

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

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 Dutch and Spanish Special Operations Department.

8. CHANGE LOG

Version	Date	Changes
0.1	127/69/2022	First draft
1.0	19/9/2022	Revision by NL-SOC