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*This document constitutes divisional Special Operations Order as defined by Chapter 10 of IVAO Special Operations Regulations; compliance with this divisional SO Order is mandatory when operating within the concerned division. Refer to SO Regulations available at <http://sod.ivao.aero/regulations>.*

## Divisional Special Operations Order for

### Portugal Division

#### Item 1. Operational restrictions and mandatory procedures for Special Operations flights

Inside the R40BN, R40BS, R60B and R42A restricted areas there are working areas, not the same as in real-life, but as similar as possible, so that our pilots can fill their flight plans and fly inside those areas for training and special operations missions.

These areas have as main objective to uniformize procedures between IVAO reality and the real world and for both pilots and air traffic controllers be aware of the procedures inside the segregated airspace.

The working areas are:

##### **R40A & R40BN & R40BS:**

1. **AQUARIUS [1000' - FL045] restricted up to 2000' within LPR40A lateral limits (GREEN AREA)**
2. **JUPITER [1000' - FL045] restricted up to 2000' within LPR40A lateral limits (GREEN AREA)**

##### **R60B:**

1. **TIGER [1000' - FL105]**
2. **MARTI [1000' - FL105]**

##### **R42B:**

1. **TAURUS [1000' - FL050]**
2. **APOLO [1000' - FL050]**

Supersonic Flight is not allowed above terrain, unless otherwise coordinated with PT-SOD, OAT controller or due to International or Divisional Event taking place in the division's territory that requires such type of flight.





## Item 2. Special Areas for use by SO flights

Area Type, Activity, and Identification	Conditions of Use	Lateral Limits	Vertical Limits	Activation Details
<b>Restricted Area</b> <b>R24C</b> <b>Montijo</b>	Reserved and designated for exclusive use by SO flights only	384755N0090043W-384755N0083505W-383255N0083504W-383255N0090705W-384043N0090829W-384148N0090835W-384755N0090043W	2000FT SFC	Permanently Active
<b>Restricted Area</b> <b>R39A</b> <b>Tancos</b>	Reserved and designated for exclusive use by SO flights only	393440N0083945W -394656N0081205W-392456N0080735W-392120N0083620W-393440N0083945W	FL055 GND	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b> <b>R40A</b> <b>Ovar</b>	Reserved and designated for exclusive use by SO flights only	410400N0085905W-410400N0084559W-410400N0083005W-405251N0083005W-404924N0083005W-404924N0085905W-405519N0085905W-410400N0085905W	2000FT SFC	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b> <b>R40BN</b> <b>Ovar</b>	Reserved and designated for exclusive use by SO flights only	405519N0085905W-405251N0083005W-404924N0083005W-404400N0083005W-404400N0085905W-404924N0085905W-405519N0085905W	FL045 1000FT	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b> <b>R40BS</b> <b>Ovar</b>	Reserved and designated for exclusive use by SO flights only	402346N0083005W-404400N0083005W-404400N0085905W-402346N0085905W-402346N0083005W	FL055 1000FT	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b> <b>R42A</b> <b>Sintra</b>	Reserved and designated for exclusive use by SO flights only	7.5NM RADIUS OF 385241N0092407W	3000FT SFC	Permanently Active
<b>Restricted Area</b> <b>R42B</b> <b>Sintra</b>	Reserved and designated for exclusive use by SO flights only	392055N0094705W-392055N0085505W-390810N0090525W-385738N0091104W-384940N0091519W-384533N0092709W-385400N0100000W-392055N0094705W	5000FT 1000FT	Permanently Active
<b>Restricted Area</b> <b>R42BS</b> <b>Sintra</b>	Reserved and designated for exclusive use by SO flights only	392055N0094705W-392055N0085505W-390810N0090525W-385738N0091104W-384940N0091519W-384533N0092709W-385400N0100000W-392055N0094705W	FL245 5000FT	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>



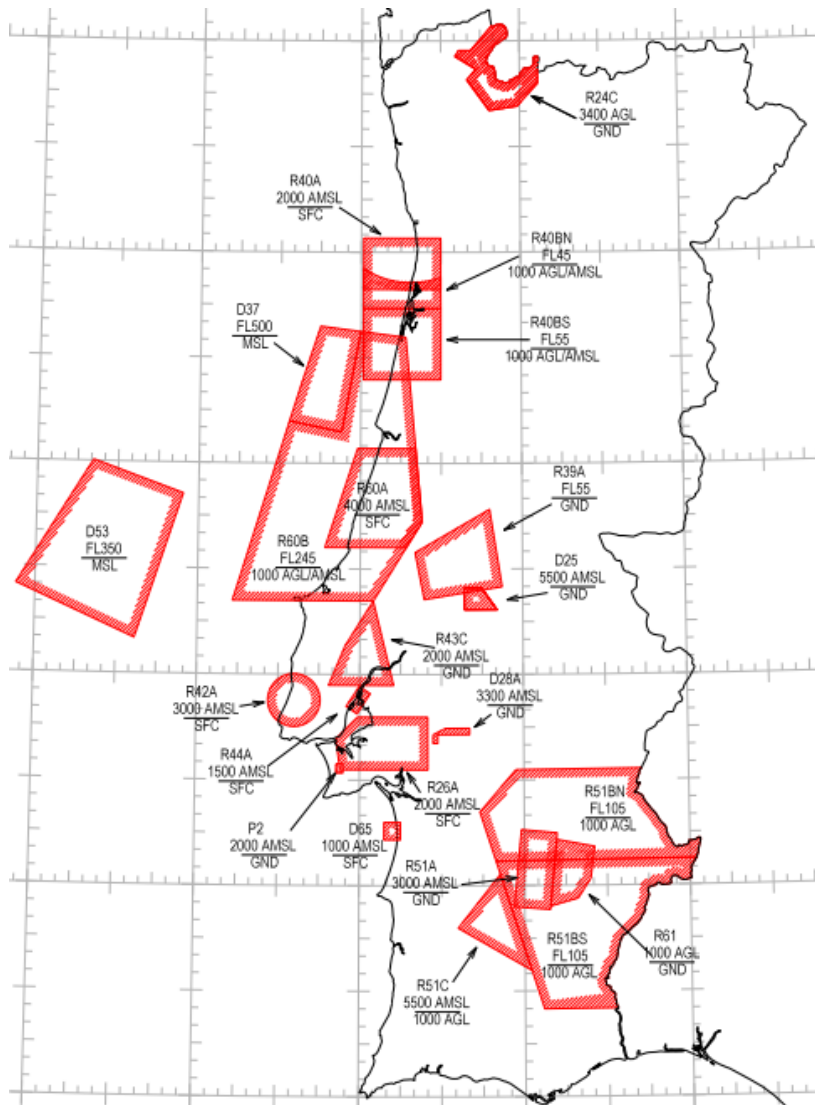
<b>Restricted Area</b>  <b>R43C</b>  <b>Ota</b>	Reserved and designated for exclusive use by SO flights only	392055N0085505W-385655N0084735W-385655N0091127W-385738N0091104W-390810N0090525W-392055N0085505W	2000FT  GND	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b>  <b>R44A</b>  <b>Alverca</b>	Reserved and designated for exclusive use by SO flights only	385640N0090009W-385434N0085606W-384849N0090056W-385055N0090459W-385640N0090009W	1500FT  SFC	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b>  <b>R51A</b>  <b>Beja</b>	Reserved and designated for exclusive use by SO flights only	381555N0080104W-381455N0074804W-381303N0074818W-375407N0075037W-375310N0075044W-375355N 0080344W-381555N0080104W	3000FT  GND	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b>  <b>R51BN</b>  <b>Beja</b>	Reserved and designated for exclusive use by SO flights only	383255N0080256W-383309N0071707W-382918N0071745W-382619N0071920W-382517N0071717W-381018N0070421W-381238N 0070036W-381300N0065620W-380700N0065819W-380655N0081016W -382055N0081604W-383255N0080256W	FL250  1000FT	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b>  <b>R51BS</b>  <b>Beja</b>	Reserved and designated for exclusive use by SO flights only	380518N0070000W-380221N0065939W-380100N0070220W-380237N0070539W -380000N0070820W-380004N0071133W-375918N0071440W-375320N0071621W-374859N0071920W-374600N0072400W-373359N0073001W-373301N0073000W-373339N0073100W-373121N0073059W-373119N0072941W-372457N0072619W-372503N0072638W-372455N0075304W-373551N0075731W-380314N0080845W-380655N0081016W-380700N0065819W-380518N0070000W	FL250  1000FT	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b>  <b>R51C</b>  <b>Beja</b>  <b>FOR TRAINING FLIGHTS</b>	Reserved and designated for exclusive use by SO flights only	380314N0080845W-373551N0075731W-374755N0082405W-380314N0080845W	5500FT  1000FT	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b>  <b>R60A</b>  <b>Monte Real</b>	Reserved and designated for exclusive use by SO flights only	400416N0090105W-400416N0083929W-400045N0083905W-394325N0083705W-393605N0084259W-393605N0091305W-400416N0090105W	4000FT  SFC	Permanently Active
<b>Restricted Area</b>  <b>R60B</b>  <b>Monte Real</b>	Reserved and designated for exclusive use by SO flights only	403856N0091505W-403730N0090004W-403551N0084311W-400416N0083929W-400045N0083905W -394325N0083705W-393605N0084259W-392055N0085505W-392055N0094705W-401159N0092633W-	FL105  1000FT	Permanently Active

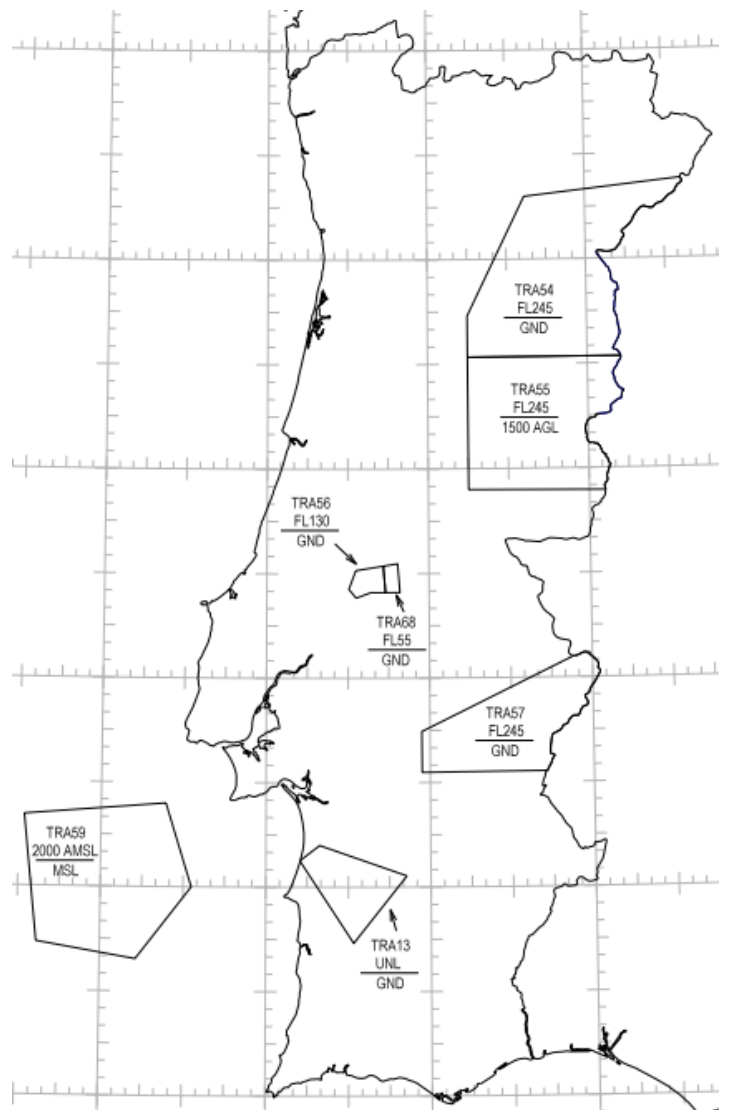
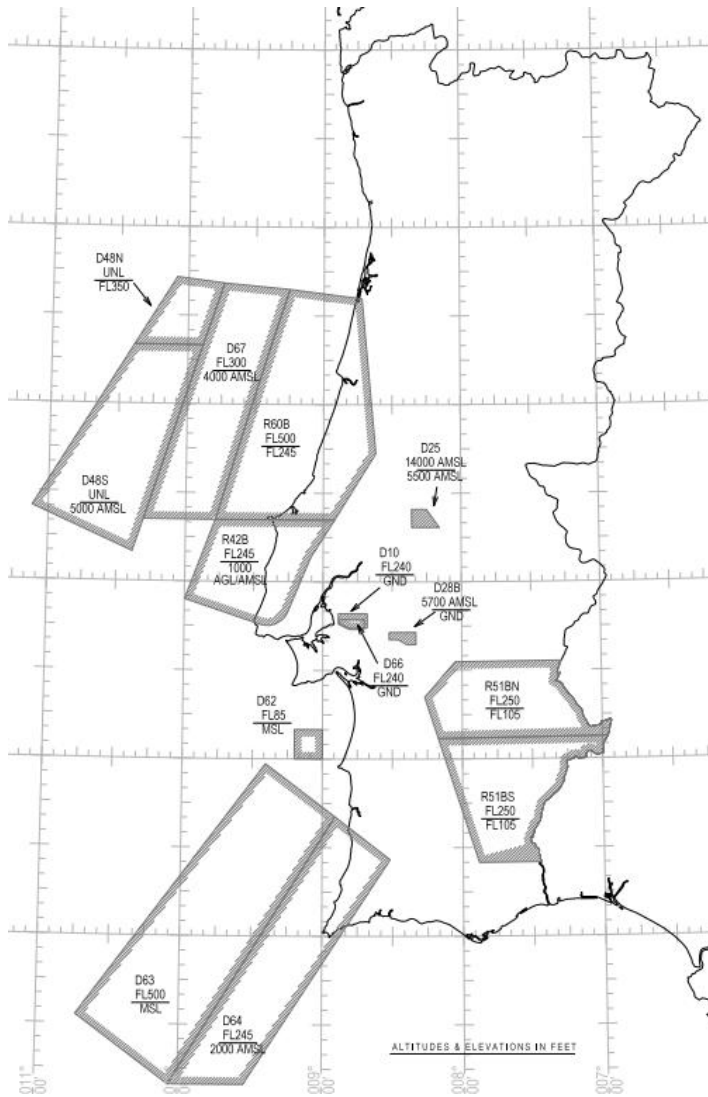


		403856N0091505W		
<b>Restricted Area</b> <b>R60BS</b> <b>Monte Real</b>	Reserved and designated for exclusive use by SO flights only	403856N0091505W-403730N0090004W-403551N0084311W-400416N0083929W-400045N0083905W -394325N0083705W-393605N0084259W-392055N 0085505W-392055N0094705W-401159N0092633W-403856N0091505W	FL245 FL105	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Restricted Area</b> <b>R61</b> <b>Beja</b> HELICOPTER ACTIVITY	Reserved and designated for exclusive use by SO flights only	381303N0074818W-381100N0073430W-380200N0073600W-375620N 0074040W-375407N0075037W-381303N0074818W	1000FT GND	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Danger Area</b> <b>D10</b> <b>Alcochete</b> <b>RANGE</b> <b>(AIR-TO-GROUND)</b>	Reserved and designated for exclusive use by SO flights only, crossing allowed at pilots own risk	384915N0085320W-384915N0084050W-384437N0084050W-384355N0084305W-384355N0084835W-384544N0085320W-384915N0085320W	FL240 GND	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Danger Area</b> <b>D37</b> <b>Sea NNW of Monte Real</b> <b>RANGE</b> <b>(AIR-TO-AIR)</b>	Reserved and designated for exclusive use by SO flights only, crossing allowed at pilots own risk	403856N0091505W-403730N0090004W-400856N0090705W-401159N0092633W-403856N0091505W	FL500 MSL	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Danger Area</b> <b>D48N</b> <b>Sea NW of Monte Real</b> SUPERSONIC FLIGHTS	Reserved and designated for exclusive use by SO flights only, crossing allowed at pilots own risk	404255N0100505W-404056N0094405W-402000N0095322W-402000N0102335W-404255N0100505W	UNL FL350	Permanently Active
<b>Danger Area</b> <b>D48S</b> <b>Sea SW of Monte Real</b> SUPERSONIC FLIGHTS	Reserved and designated for exclusive use by SO flights only, crossing allowed at pilots own risk	402000N0102335W-402000N0095322W-395112N0100542W-392055N0101829W -390955N0102305W-392455N0110705W -400020N0103916W-402000N0102335W	UNL 5000FT	Permanently Active
<b>Danger Area</b> <b>D53</b>	Reserved and designated for exclusive use by SO flights only, crossing	400020N0103916W-395112N0100542W-392055N0101829W-390955N0102305W-392455N0110705W-400020N0103916W	FL350 MSL	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> </ul>



<b>Sea W of Peniche</b>	allowed at pilots own risk			<ul style="list-style-type: none"> <li>By ATC activation</li> </ul>
<b>Danger Area D63 Sea W of Sagres</b>	Reserved and designated for exclusive use by SO flights only, crossing allowed at pilots own risk	375822N0092417W-374030N0085435W-360938N0100414W-363257N0104325W-375822N0092417W	FL500 MSL	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Danger Area D64 Sea/Coastal of Sagres</b>	Reserved and designated for exclusive use by SO flights only, crossing allowed at pilots own risk	374030N0085435W-372600N0083100W-360943N0093243W-360938N0100414W-374030N 0085435W	FL245 2000FT	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Danger Area D67 Sea W of Monte Real AIR-TO-AIR REFUELING</b>	Reserved and designated for exclusive use by SO flights only, crossing allowed at pilots own risk	404056N0094405W-403856N0091505W-401159N0092633W-392055N0094705W-392055N0101829W-395112N0100542W-402000N0095322W-404056N0094405W	FL300 4000FT	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Temporary Restricted Area TRA13 Santiago do Cacém</b>	Reserved and designated for exclusive use by SO flights only	380314N0080845W-374755N0082405W-374355N0082804W-380736N0084738W-381201N0084025W-380314N0080845W	UNL GND	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Temporary Restricted Area TRA56 Arripiado PARACHUTE JUMPING</b>	Reserved and designated for exclusive use by SO flights only	393055N0082705W-393211N0081654W-392435N0081608W-392435N0082135W-392301N0082658W-392533N 0082941W-393055N0082705W	FL130 GND	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Temporary Restricted Area TRA59 Sea W of Grândola</b>	Reserved and designated for exclusive use by SO flights only	382400N0093630W-382030N0102800W-374400N0102300W-373914N0094705W-380000N0092700W-382400N 0093630W	2000FT MSL	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>
<b>Temporary Restricted Area TRA68 Abrantes</b>	Reserved and designated for exclusive use by SO flights only	393211N0081654W-393250N0081135W-392435N0081046W-392435N0081608W-393211N0081654W	FL055 GND	<ul style="list-style-type: none"> <li>By NOTAM (on email request at least 48 hours in advance from IVAO users)</li> <li>By ATC activation</li> </ul>









### Item 3. Controlling military units and other SO units other than civil ATS

ID	Call Sign	Frequency	FRA	GCA	Notes
LPAM_MIL_CTR	Lisboa Militar	131.050	ADC	YES	OAT Traffic Only
LPMR_APP	Monte Real Approach	121.700	ADC	YES	None
LPMR_G_APP	Monte Real GCA	120.475	APC	YES	Ground Controlled Approach
LPMR_TWR	Monte Real Tower	122.100	AS2	YES	None
LPMR_GND	Monte Real Ground	119.725	AS2	YES	None
LPST_APP	Sintra Approach	118.600	ADC	YES	None
LPST_MIL_TWR	Sintra Tower	119.850	AS2	YES	None
LPST_MIL_GND	Sintra Ground	122.100	AS2	YES	None
LPMT_TWR	Montijo Tower	134.100	AS2	YES	None
LPOV_APP	Ovar Approach	118.600	ADC	YES	None
LPOV_TWR	Ovar Tower	122.100	AS2	YES	None

### Item 4. Divisional manual on controlling military units and other SO units

Under Development

### Item 5. IVAO members registered elsewhere authorised to perform SO flights

None

*Note. It is permissible for IVAO members to perform SO flights that constitute participation in international SO events, international SO tours, or divisional SO tours without authorisation of any division.*



## **Item 6. SOGs registered elsewhere authorised to perform SO flights**

### **Virtual Ministry of Defence**

*Note. It is permissible for SOGs to perform SO flights that constitute participation in international SO events, international SO tours, or divisional SO tours without authorisation of any division.*

## **Item 7. SO—related Letters of Agreements**

None

## **Item 8. Links to additional information**

[Military Phraseology](#)

[Resources](#)

– END OF DIVISIONAL SO ORDER –