



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

Cuban Division

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

- 1.1 The crossing of active restricted airspace can be achieved with permission from an active SO ATC Unit/ Civil ATC Unit responsible for the said restricted area, ONLY if safety and separation is maintained. If there is no ATC available, traffic not involved in SO activity shall not enter the airspace under any circumstance.
- 1.2 Only IVAO CUBA Members can use Cuban Military Callsigns (DAAFAR)
- 1.3 All flights with **Military callsigns** must mark on Flight Plan -> Type
of Flight: M – Military
- 1.4 All flights with **CALLSIGN** of other **governmental** security entity must mark on Flight Plan: Type of Flight: X – Other
- 1.5 Supersonic Flights in Cuba ONLY for Flight Plan M and X
 - 1.5.1 - Speed restrictions for SO INSIDE Segregated Airspace: none
 - 1.5.2 - Speed restrictions for SO OUTSIDE Segregate Airspace:
 - 1.5.2.1 - From Ground to FL100 level: 350 knots
 - 1.5.2.2 – From flight Level FL100 to FL400 Mach 0,95
 - 1.5.2.3 - From FL400 and above ALL RESTRICTIONS WILL BE LIFTED
 - 1.5.2.4 – If there is MILITARY ACTIVE ATC CONTROL, Supersonic Speeds may be requested but not in the airways, and may be parallel to the airways or directly, however, always with Military ATC Approval.
- 1.6 CUBA Non-Special Operations Events: During all Cuban Civil Events, ALL Special Operations Flights must use the Military or Naval Air Bases or Stations, under no circumstances any military flight without DIR/ADIR/SOC/SOAC authorization must be done close to the Civil Airports of the Events.



- 1.7 Interceptions, targeting, or escorting:
- 1.7.1 - Only IVAO CUBA Members can conduct Targeting. Inside segregated airspace, users may conduct targeting without the requirement of an online ATC inside any segregated airspace published under item 1 of the Division's current approved Special Operations Order
- 1.7.2 - Interceptions only can be done under SO-NOTAM sent by CU-DIR/CU-ADIR/CU-SOC/CU-SOAC where it has to be informed of the segregated airspace, time and Airplanes involved.
- 1.7.3 - Escorts can only be conducted by approved SOGs under SO-NOTAM sent by CU-DIR/CU-ADIR/CU-SOC/CU-SOAC where it has to be informed of the route followed, times, flight plan, and airplanes involved.
- 1.8 During Divisional events, guidance and navigation support services may only be offered at events with the express authorization of CU-DIR/CU-ADIR/CU-SOC/CU-SOAC or any member of the Cuba Special Operations Department.
- 1.9 Military Control Positions
- 1.9.1 - No GCA Military control Positions are reserved for active members of the Special Operations Cuban Division, any Guest using these dependencies may be disconnected by a Supervisor.
- 1.9.2 - GCA Military Control Positions will be unlocked by CU-DIR/CU-ADIR/CU-SOC/CU-SOAC as needed using the information, frequencies, and callsigns on this SO Order.
- 1.10 Any modification of this SO Order may be done with SO-NOTAM published on Cuba Forum.



Item 2. Special Areas for use by SO flights

Area Type, Activity, and Identification	Conditions of Use	Lateral Limits	Vertical Limits	Activation Details
Línea formada por la unión de las líneas rectas, tomando como base las coordenadas geográficas de la FIR/UIR/CTA Habana. Restricción: Zona de Identificación de la Defensa Antiaérea / Line indicated by the joined straight lines based on the geographical coordinates of the Habana FIR/UIR/CTA./ Restriction: Air Defense Identification Area	Reserved and designated for use by SO Flights M - Military X -Other	ADIZ Exterior / Outer ADIZ	UNL GND/MSL	Permanently Active
Línea formada por la unión de los puntos alejados en 12NM (22.224KM) de cada uno de los puntos de la línea base determinados por las coordenadas geográficas que aparecen en el Decreto Ley 1, Artículo 2, fecha 24 de Febrero de 1977 y en el acuerdo entre la República de Cuba y la Mancomunidad de Bahamas sobre línea divisoria entre sus espacios marítimos, fecha 3 de Octubre de 2011. Restricción: Zona de Identificación de la Defensa Antiaérea / Line formed by the union of the points moved away in 12NM (22.224KM) of each one of the points of the base line determined by the geographical coordinates that appear in the Decree Law 1, Article 2, dated February 24 1977 and in the agreement between the Republic of Cuba and the Union of Bahamas about dividing line among their marine spaces, dated October 3 2011. Restriction: Area of Identification of the Antiaircraft Defense	Reserved and designated for use by SO Flights M - Military X -Other	ADIZ Interior / Inner ADIZ	UNL MSL	Permanently Active
MUP2 Bahía de Cochino	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 220102N/0811200W; 220002N/0810259W; 214702N/0810359W; 214802N/0811240W al punto de origen / to point of origin.	FL240 MSL	By SO-NOTAM to be activated at least 72h before
MUP4 Santa Fe	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 230532N/0822619W; 230438N/0822607W; 230254N/0822900W; 230506N/0822953W al punto de origen / to point of origin.	UNL GND	By SO-NOTAM to be activated at least 72h before
MUP10 La Habana	Reserved and designated for use by SO	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 231112N/0821800W;	UNL GND/MSL	By SO-NOTAM to be activated at least 72h



	Flights M - Military X -Other	230630N/0821800W; 230630N/0822400W; 230934N/0822400W al punto de origen / to point of origin.		before
MUR3 Jagua	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 215902N/0805459W; 215902N/0804259W; 215202N/0804259W; 214632N/0805459W al punto de origen / to point of origin.	FL80 MSL	By SO-NOTAM to be activated at least 72h before Restricción: Ejercicios Aeronavales / Restriction: Airnaval exercises
MUR6 San Nicolas de Bari		Circulo centrado en / Circular area centered on 224602N/0815500W en un radio de / within a radius 4.5NM	FL40 GND	By SO-NOTAM to be activated at least 72h before Restricción: Ejercicios Paracaidismo / Restriction: Parachute exercises
MUR11 Cabañas	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 231302N/0830500W; 230002N/0830500W; 230002N/0832500W; 230802N/0832500W al punto de origen / to point of origin	FL250 MSL	By SO-NOTAM to be activated at least 72h before Restricción: Ejercicios Aeronavales / Restriction: Airnaval exercises
MUR12 Jejenes.	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 224202N/0825300W; 224202N/0824700W; 223602N/0824500W; 223802N/0825700W al punto de origen / to point of origin.	FL200 GND/MSL	By SO-NOTAM to be activated at least 72h before
MUR13 San Juan.	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 214702N/0823900W; 215102N/0823200W; 214202N/0823200W; 214402N/0823900W al punto de origen / to point of origin.	FL150 GND/MSL	By SO-NOTAM to be activated at least 72h before Restricción: Tiro Antiaereo / Restriction: Anti-aircraft firing
MUR18 Nazabal	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 225302N/0795459W; 225302N/0793759W; 224302N/0793759W; 224302N/0795459W al punto de origen / to point of origin.	FL100 GND/MSL	By SO-NOTAM to be activated at least 72h before Restricción: Tiro Aire- Tierra-Aire y bombardeo / Restriction: Air- ground-air firing and bombing



MUR23 Puerto Padre	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 212502N/0764259W; 212502N/0763459W; 210902N/0763459W; 210902N/0764259W al punto de origen / to point of origin.	FL300 GND/MSL	By SO-NOTAM to be activated at least 72h before
MUR58 Mícara	Reserved and designated for use by SO Flights M - Military	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 202959N/0753201W; 202959N/0753100W; 202705N/0753100W; 202705N/0753201W al punto de origen / to point of origin.	FL40 GND	By SO-NOTAM to be activated at least 72h before Restricción: Tiro de artillería / Restriction: Artillery shot



MUR40 Baraguá	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 202700N/0755550W; 202720N/0755230W; 202525N/0755230W; 202618N/0755605W al punto de origen / to point of origin.	FL170 GND	By SO-NOTAM to be activated at least 72h before
MUR43 San Antonio de los Baños	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 224102N/0824700W; 225002N/0823700W; 225502N/0822900W; 225502N/0822500W; 224102N/0821800W; 223002N/0822500W; 223002N/0824700W al punto de origen / to point of origin	FL230 GND/MSL	By SO-NOTAM to be activated at least 72h before
MUD9 Santa Cruz del Norte	Reserved and designated for use by SO Flights M - Military	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 240002N/0821800W; 240002N/0812000W; 232502N/0812600W; 231402N/0831700W al punto de origen / to point of origin.	FL900 MSL	By SO-NOTAM to be activated at least 72h before Restricción: Ejercicios de Tiro aire-SFC y SFC-SFC / Restriction: Air exercises, air-SFC firing and SFC-SFC
MUD14 Norte Bahía de Santa Clara	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 240002N/0810459W; 240002N/0794959W; 233002N/0804959W; 232702N/0811159W al punto de origen / to point of origin.	FL55 MSL	By SO-NOTAM to be activated at least 72h before Restricción: Ejercicios Aeronavales especificados por NOTAM / Airnaval exercises Announced by NOTAM.
MUD53 Sur de Santiago de Cuba	Reserved and designated for use by SO Flights M - Military X -Other	Área limitada por las líneas, uniendo los puntos, desde / Area bounded by lines joining points from 194502N/0763959W; 194502N/0751959W; 192002N/0751959W; 192002N/0763959W al punto de origen / to point of origin.	FL450 MSL	By SO-NOTAM to be activated at least 72h before Restricción: Ejercicios Aereos, tiro-antiaereo y SFC-SFC / Restriction: Air exercises, Anti-aircraft firing and FC-SFC

Please note that as per charts: https://aismet.avianet.cu/assets/data/pdf/AIP/ENR_5.1.pdf There are other areas restricted or to be use under Special Operations, considering them as Prohibited, Restricted and Danger Areas that can be activated through SO-NOTAM



International Virtual Aviation Organisation
HQ Special Operations Department
Divisional SO Order (form edition C)





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

ID	Call Sign	Frequency	FRA	GCA	Notes
MUFH_MIL_CTR	Cuba Mil Control	135.100	ADC	No	Military Cuba Control Requires CU-SO Approval
MUFH_E_MIL_CTR	Cuba Military East	123.700	ADC	No*	Military Cuba Control East Side Requires CU-SO Approval
MUFH_W_MIL_CTR	Cuba Military West	118.700	ADC	No*	Military Cuba Control West Side Requires CU-SO Approval
MUSJ_TWR	San Julian Tower	118.420	AS3	Yes*	Only Military Use Requires CU-SO Approval
MUHG_MIL_TWR	Holgin Mil Tower	134.500	AS3	Yes*	Airport shared with Civil Use
MUHA_MIL_APP	Havana Mil Approach	119.800	AS3	Yes*	Shared with Civil Use Requires CU-SO Approval
MUHA_MIL_TWR	Havana Mil Tower	118.800	AS3	Yes*	Shared with Civil Use Requires CU-SO Approval
MUSA_TWR	San Antonio Tower	118.450	AS3	Yes*	Only Military Use Requires CU-SO Approval
MUSC_MIL_TWR	Santa Clara Mil Tower	119.450	AS3	Yes*	Shared with Civil Use
MUSC_MIL_APP	Santa Clara Mil Approach	119.450	AS3	No*	Shared with Civil Use
MUCU_MIL_TWR	Santiago Mil Tower	119.550	AS3	Yes*	Shared with Civil Use
MUCU_MIL_APP	Santiago Mil Approach	120.550	AS3	No*	
EMERGENCY	MILITARY EMERGENCY	243.000	**	**	ONLY EMERGENCY Requires CU-SO Approval

Other Positions - Please refer to the following IVAO Cuba Special Operations Forum.

*This position could be filled by GCA previous SOC/SOAC and AOC Authorization and/or DIR/ADIR Authorization



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

Approval not required for Cuban Division Members. In order to sign in, please reach us out on cu-specialops@ivao.aero

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

Under development. To be publish through SO-NOTAM and LOA will be added to this SO Order.

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

Under development.

Note. If interested in having a letter of agreement with Cuba Special Operations, please forward an email to cu-specialops@ivao.aero indicating the reasons why you would like to participate with us.

Item 8. Links to additional information

****ALL ADDITIONAL INFORMATION CAN BE FOUND THROUGH SO-NOTAMS AT IVAO CUBA SPECIAL OPERATIONS FORUM****

IVAO CUBA SPECIAL OPERATIONS: <http://cu.ivao.aero/so/>

IVAO CUBA FORUM: <http://cu.forum.ivao.aero/index.php>

Newslater: cu-specialops@ivao.aero (Get all SO-NOTAMS

on your email



Item 9. Historical Updates

Date	Changes	VID
<i>January 2024</i>	<i>Creation</i>	<i>245104</i>

— END OF DIVISIONAL SO ORDER —