



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

INDONESIA DIVISION (ID)

Item 1. Permanent segregated airspace reserved for exclusive use by Special Operations flights

Area type and identification	Conditions of use	Lateral limits	Vertical limits	Activation details
Restricted Area WAR-1	Reserved and Designated for Exclusive use by SO Flights Only	07130000S111120000E- 07130012S111221950E- 07270000S112100000E- 07400000S112150000E- 07400000S112560000E- 07460000S113120000E- 08120000S113370000E- 08300000S113370000E- 08300000S112150000E- 10250000S112150000E- 10250000S110460000E- 08250000S110460000E- 07260000S111000000E- 07130000S111120000E	FL500 GND	Permanently Active
Restricted Area WAR-11	Reserved and Designated for Exclusive use by SO Flights Only	074000S1121500E- 074000S1125600E- 074600S1131200E- 081200S1133700E- 083000S1133700E- 083000S1121500E- 074000S1121500E	FL200 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted Area Juanda One	Reserved and Designated for Exclusive use by SO Flights Only	07070390S113105853E- 07065506S113195654E- 07153927S113194168E- 07154496S113105568E- 07070390S113105853E	3000 SFC	Permanently Active
Restricted Area Juanda Two	Reserved and Designated for Exclusive use by SO Flights Only	07350198S112595941E- 07370759S112581489E- 07303960S112510468E- 07350198S112595941E	3000 SFC	Permanently Active
Restricted Area Juanda Three	Reserved and Designated for Exclusive use by SO Flights Only	07385663S112514648E- 07390468S112444846E- 07331139S112452214E- 07385663S112514648E	3000 SFC	Permanently Active



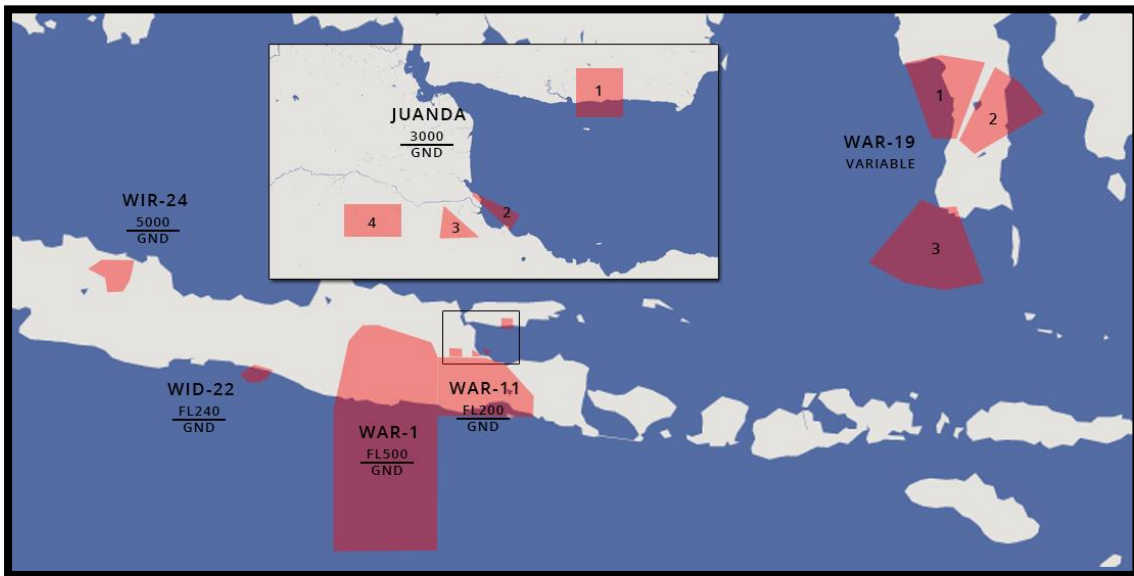
Restricted Area	Juanda Four	Reserved and Designated for Exclusive use by SO Flights Only	07385659S112364346E-07385537S112261891E-07324293S112261748E-07324293S112364102E-07385659S112364346E	3000 SFC	Permanently Active
Restricted Area	WAR-19 One	Reserved and Designated for Exclusive use by SO Flights Only	043324S1192038E-043304S1194104E-032719S1200518E-032729S1185724E-043324S1192038E	VARIABLE	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted Area	WAR-19 Two	Reserved and Designated for Exclusive use by SO Flights Only	043420S1194356E-044623S1195713E-041126S1205706E-033132S1201355E-043420S1194356E	VARIABLE	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted Area	WAR-19 Three	Reserved and Designated for Exclusive use by SO Flights Only	052447S1191157E-053028S1194117E-063535S1200534E-061807S1182721E-052447S1191157E	VARIABLE	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted Area	WIR24	Reserved and Designated for Exclusive use by SO Flights Only	062433S1071505E-061635S1072710E-061622S1075445E-064115S1074637E-064418S1073935E-064418S1073141E-063152S1072909E-062433S1071505E	5000 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted Area	WIR25	Reserved and Designated for Exclusive use by SO Flights Only	005738N1013356E-012452N1013541E-011757N1015521E-010724N1020852E-004718N1021422E-004030N1015355E-005149N1014521E-005738N1013356E	FL245 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted Area	WIR26	Reserved and Designated for Exclusive use by SO Flights Only	002530N1015653E-001100N1015137E-001535S1022150E-001800S1025918E-000542S1025911E-000735N1024117E-001901N1023031E-002921N1022243E-002530N1015653E	FL245 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted Area	WIR27	Reserved and Designated for Exclusive use by SO Flights Only	000159N1014217E-003343S1021653E-003913S1004535E-000542S1013111E-000145S1013131E-000159N1014217E	FL245 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)



Restricted WIR28	Area	Reserved and Designated for Exclusive use by SO Flights Only	000115S1012012E- 003134S1003814E- 001030N0995655E- 001725N1005840E- 000115S1012012E	FL245 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted WIR29	Area	Reserved and Designated for Exclusive use by SO Flights Only	002742N1005628E- 004516N1010131E- 015018N1000205E- 002053N1000158E- 002742N1005628E	FL150 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted WIR30	Area	Reserved and Designated for Exclusive use by SO Flights Only	005222N1010840E- 005738N1012131E- 014624N1012045E- 021530N1003218E- 015643N1000953E- 005222N1010840E	FL245 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted WIR31	Area	Reserved and Designated for Exclusive use by SO Flights Only	002458N1085645E- 003014N1085400E- 004312N1085228E- 004855N1085029E- 005828N1085817E- 011013N1085406E- 012139N1090214E- 013059N1090227E- 014025N1091545E- 015528N1091850E- 015925N1093128E- 020018N1093512E- 020448N1093803E- 015601N1093128E- 014840N1093346E- 014601N1093935E- 013734N1093849E- 012529N1094935E- 012443N1095346E- 012244N1095650E- 011821N1095756E- 011523N1100220E- 002325N1093406E- 002100N1090558E- 002458N1085645E	FL245 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted WIR32	Area	Reserved and Designated for Exclusive use by SO Flights Only	000143N1095155E- 001819N1094145E- 010522N1101406E- 005936N1101605E- 005846N1102047E- 005658N1102349E- 005231N1102856E- 005052N1103403E- 005434N1104510E- 005405N1104803E- 005648N1104922E- 010110N1105657E- 010422N1111326E- 010214N1111922E	FL245 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)



			000528N1105225E- 000143N1095155E		
Restricted Area WIR33	Reserved and Designated for Exclusive use by SO Flights Only		001319S1095355E- 002655S1110029E- 013538S1100254E- 013935S1095300E- 003713S1093319E- 002809S1094645E- 001319S1095355E	FL245 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Restricted Area WIR34	Reserved and Designated for Exclusive use by SO Flights Only		002754S1090051E- 012728S1082346E- 005436S1075506E- 000654S1074304E- 000833S1085351E- 002000S1085619E- 002754S1090051E	FL245 GND	By NOTAM (on email request at least 72 hours in advance from IVAO users)
Dagerous Area WID21	Reserved and Designated for Exclusive use by SO Flights only		002300N1010000E- 004000N1010000E- 000800N1011800E- 026000N1011420E- 002300N1010000E	FL240 GND	Permanently Active
Dangerous Area WID22	Reserved and Designated for Exclusive use by SO Flights only		074615S1093825E- 075035S1095250E- 075657S1094853E- 080121S1093959E- 075914S1093055E- 075415S1092529E- 074615S1093825E	FL240 GND	Permanently Active



Note. Also refer to IVAO NOTAM system available at <http://notams.ivao.aero> for other information on airspace restrictions and reservations and for other operationally significant information.



Item 2. Operational restrictions and mandatory procedures for Special Operations flights

1. Standard altimeter setting within Indonesia FIRs is 1013hPa/2992inHg.
2. Standard TA and TL for all areas in Indonesian FIR west of 135E longitude is 11,000 and FL130.
3. TA & TL for all areas in Indonesian FIR east of 135E longitude is 18000 and FL180.
4. All activities that may potentially disrupt or endanger GAT activities are to be performed within Designated Area or Airspace. Where such areas are listed at the beginning of this document.
5. Definition:
 - a. General Air Traffic (GAT): Civil and military flights conducted in accordance with the rules and the regulations of the ICAO and/or issued by the Indonesian civil aviation authority.
 - b. Operational Air Traffic (OAT): SO flights that, for military, technical or State reasons do not comply with the provision stated for General Air Traffic (GAT).
6. GAT and OAT flights may be operated in Indonesia at a maximum speed of 250KIAS under all condition below 10.000ft except when permitted by ATC or in designated exercise areas.
7. All OAT flights within exercise area may be operated at speeds up to 300KIAS below 10.000ft except when permitted or instructed by ATC.
8. All low-level supersonic OAT flights may only be conducted with ATC permission. Lowest height is 500ft above ground or obstacle.
9. All flights in uncontrolled airspace and outside all designated exercise areas must be conducted at speeds below 250KIAS at all times below 10,000ft.
10. All flights in uncontrolled airspace and outside designated exercise areas must be able to blind-transmit to transmit position and next intention for traffic separation at all altitudes in UNICOM.
11. NOTAMS of activations must be requested via email 72 hours in advance, indicating:
 - a. DOF
 - b. time of operations
 - c. DEP/ARR airport(s)
 - d. Segregated airspace requested
 - e. Callsing/s
 - f. Type and number of acft
 - g. Type of operations
 - h. VIDs.
 - i. Any other info needed.

Subsequently, a NOTAM of activation will be issued. If required, ID-SOD will respond with additional details.

12. The above areas listed may be active by NOTAM, IVAO Users of SO through the request of NOTAM activation. ATS coverage can be established as a result. However, if the member submits a NOTAM request 72 hours before, ID-SOD will accept the NOTAM but will not arrange any ATS to be online during the NOTAM effective hours.



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

Position / Rating	Callsign / Frequency	Responsibility	Controlling Area	Activation	GCA
WARI_MIL_APP / IVAO ADC Rating	Madiun Director / 122.600 MHz	Focuses on military traffic and separates them from transiting civilian traffic within Iswahyudi area.	Iswahyudi Training Area Boundary 3000 ft – FL245	Permanent	Prior GCA Approval for Foreign
WARI_MIL_TWR / IVAO ADC Rating	Yudi Tower / 120.800 MHz		Radius 10 Nm GND – 3000 ft	Permanent	
WAHH_MIL_APP / IVAO ADC Rating	Yogyakarta Military / 123.400 Mhz	All traffic inbound and outbound Malang.	Yogyakarta MCA Boundary 4000 feet – FL245	Permits by ID-SOD	
WARA_MIL_APP / IVAO ADC rating	Malang Director / 122.500 MHz	Focuses on military traffic if needed specifically within designated Training Area	Iswahyudi Training Area Boundary 3000 ft – FL245	Permanent	
WARA_MIL_TWR / IVAO ADC Rating	Rahman Tower / 122.500 MHz		Radius 10 Nm GND – 3000 ft	Permanent	

Note. There are multiple controllers that can be active at any time for certain military conditions according to the approval of ID-SOD, marked _MIL_.



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

Under Development

Item 5. IVAO users registered elsewhere authorised to perform SO flights

None

Note. It is permissible for IVAO users 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

None

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

— END OF DIVISIONAL SO ORDER —