

**SPECIAL OPERATIONS GROUP
SKY GUARD INDONESIA**



GARUDA BORDER SHIELD

**IVAO INDONESIA DIVISION
SPECIAL OPERATIONS DEPARTMENT**

GARUDA BORDER SHIELD

GENERAL INFORMATION

Sky Guard Indonesia as the only Special Operations Group in Indonesia. Sky Guard Indonesia host an integrated training to improve the capabilities of Sky Guard Indonesia. Details of the event are explained below.

EXERCISE DETAILS

The Exercise is called GARUDA BORDER SHIELD. This exercise will be held on November 10, 2019 at 1230Z – 1600Z and involved several types of fighter aircraft listed below.

Aircraft Type (example)	Roles	Amount	Base/ICAO
F-16	Interceptor	6	Iswahyudi / WARI
SU-27	Interceptor	6	Iswahyudi / WARI
SU-30	Bomber	5	Juanda / WARR
SU-35	Interceptor	6	Iswahyudi / WARI
HAWK 109/209	Bomber	5	Juanda / WARR
KAI T-50I	Escorter	6	Juanda / WARR
F-5E/F TIGER II	Escorter	6	Iswahyudi / WARI
TOTAL PARTICIPANTS		40	

EXERCISE FLOW

Garuda Border Shield is an integrated exercise to train Combat Air Patrol (CAP) dan Combat Air Support (CAS). This exercise designed for simulate an simulation of CAP & CAS.

The flow of the exercise is :

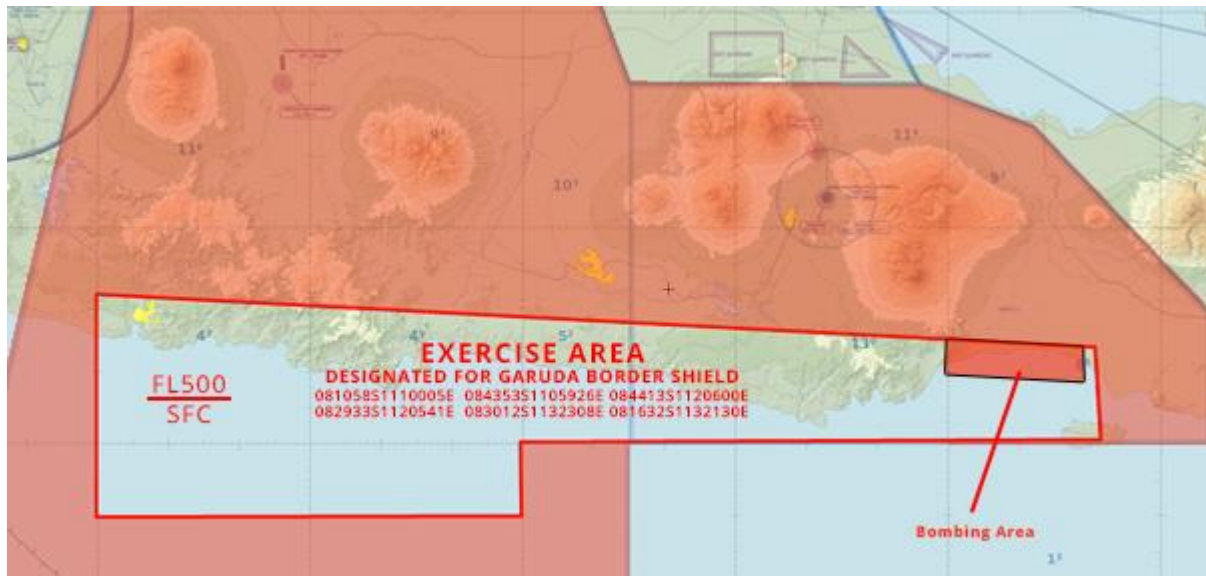
- Interceptor Flying as mission planned
- Bomber waiting call for simulate execute the target
- Escorter flying around the aerodrome
- All instruction will given by Madiun Approach (WARI_APP 122.600 MHz)
- Mission Completed after target reported destroyed

MISSION PLANNED

Roles	Interceptor	Bomber	Escort
Mission	Intercepting Assigned Targets	Bombing Assigned Targets	Escorting Assigned Traffics
Route	SO BA LW AR	LW TGT LW	SBR TGT SBR
Command	Madiun Approach		
Armament	2x AIM9, 2x AIM120	2x MK82, 2x S-13T/OF	2x AIM9
Endurance	2 Hrs	2 Hrs	2 Hrs
DEP/ARR	WARI/WARI	WARR/WARR	WARR/WARR
ALTN 1/ALTN 2	WAHQ/WARA	WAHQ/WARA	WARA/WARI
Fuel Insufficient	AAR or HOT-PIT on Base		
Emergency Condition	Diverting or Return to Base		

EXERCISE LOCATION

This exercise is take place in Restrction Area which is specific designated on the image below



NOTAM:

RESTRICTED AREA ESTABLISHED WITHIN AREA

BOUNDED BY STRAIGHT LINES JOINING SUCCESSIVELY:

081058S1110005E 084353S1105926E 084413S1120600E

082933S1120541E 083012S1132308E 081632S1132130E

LOWER LIMIT: 3000

UPPER LIMIT: FL500

ACTIVATION: 10NOV19 1200 – 1600

CONDITIONS OF USE: RESERVED AND DESIGNATED FOR EXCLUSIVE USE BY PARTICIPANTS OF "GARUDA BORDER SHIELD" SPECIAL OPERATIONS EVENT ONLY, NO OTHER AIR TRAFFIC SHALL ENTER RESTRICTED AREA

EXERCISE CALLSIGN

The use of Callsign in this exercise is required, and everyone should be used TACTICAL Callsign for example

Callsign : Thunder

Login at IVAP : THU[NO.] / i.e: No. 011, THU011

COMMUNICATION

Yudi Ground : 121.70 MHz

Yudi Tower : 120.80 MHz

Madiun Approach : 122.60 MHz

MISSION BRIEFING

Briefing will be done at Discord IVAO HQ-SOD [click here to join](#)



APPENDIX

ISWAHYUDI

DOMESTIC/MILITARY

Pangkalan TNI AU Iswahyudi, Madiun

Airport Management : **INDONESIAN AIRFORCE**

Air Navigation Management :

Phone: (0351) 4923, 4930

Fax:

Telex:

AFTN:

REMARKS: -

ARP coordinate: **S 7 36 E 111 26.05**
(7°36'0"S 111°26'3"E)

Elevation: **361 ft (110 m)**

Temperature: 0°C (32°F)

Magnetic Var.: 1.32°

Traffic type: IFR/VFR

Dist. from city: 12 km

Time region: UTC +7.00

Operation hours: 00.00 - 10.00 / OR

RWY	RUNWAY PHYSICAL CHARACTERISTICS					DECLARED DISTANCE						
	Dimension of RWY	Surface Strength	Threshold		Slope	Dimension			TORA	TODA	ASDA	LDA
			Coordinates	Elevation		SWY	CWY	RWY Strip				
17 (176.0 °)	3050x60m (10006.54x196.85ft)	ASPHALT LCN 72	S 7 36.19 E 111 25.94	0ft	0°	100x60m	0x0m	0x0m	3050m	3050m	3150m	3050m
35 (356.0 °)			S 7 37.85 E 111 26.07	0ft	0°	100x60m	0x0m		3050m	3050m	3150m	3050m

REMARKS:

• Highest Obstacle 35 Mtrs

• Fire Fight Category :

• Aerodrome Category : (RWY 17 - 35) = 4E.

• Ground Handling :

RADIO NAVIGATION & LANDING AIDS

VOR/TAC IWB 114.8 MH 095X H24 S 7 36 24 E 111 26 6

VOR/DME MIN 116.5 MH 112X H-24 S 7 36 42 E 111 26 12

NDB AR 315 MH H24 S 7 34 30 E 111 26 0

PROCEDURES

AD

AD Diagram

AD.1.1

CHART

AERODROME CHART

CHART

AERODROME INFORMATION

2017-07-20

STATUS

Available

AD Info

AD.2.1

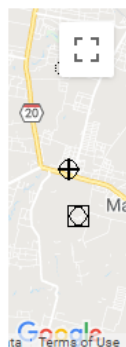
AERODROME INFORMATION

2017-07-20

Available

AERONAUTICAL CHARTS

ANC-EJ-04	1:250.000	VFR	Malang, Indonesia
0217-24	1 : 250.000	VFR	JAWA, BALI, NTB, NTT & DILI
ENR-INA-1	1:18	IFR	Jakarta, Singapore, Kuala Lumpur FIR
IDX-01	1:29	Index	Indonesia, Malaysia, Singapore, Timor
ONC-05	1:1.000.000	VFR	Java and Bali, (Indonesia)
SAC-EJ	1:500.000	VFR	Java, East Java, (Indonesia)



RESOURCES

Iswahyudi Air Base FSX/P3D/XPLane

[Download Here](#)

Juanda Int'l Airport

FSX

[Download Here](#)

P3D

[Download Here](#)

Xplane

[Download Here](#)

Plan-G by Tasoftware

[Download Here](#)

JoinFS

[Download Here](#)

TacView

[Download Here](#)

CONTACT INFORMATION

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