



Special Operations – The basics

1.0 Special operations definition according to SO Regulations Effective 1 November, 2019 - Special Operations on IVAO are defined as aerial military operations, aerial work, and other aviation flights (activities, operations) that are performed in accordance with rules and procedures other than those that fully comply with ICAO SARPs or other civil rules and procedures. Controlling military units and other units other than civil ATS responsible for aforementioned flights (activities, operations) also fall under the framework of Special Operations.

1.1 Special Operations on IVAO are defined as follows in SO Regulations CHAPTER 1 in subsection [1.1.3](#).

1.2 It is prohibited to perform activities listed in subsection mentioned above in IVAO divisions other than IVAO user's division or division-less country of registration, unless approval from local division authorities or SO coordinators or for participation in international SO events/tours.

1.3 It is prohibited to perform flights listed in SO Regulations CHAPTER 2 in subsection [2.2.5](#) outside Divisional SO Order designated permanent segregated airspace areas reserved for exclusive use by SO flights.



Special Operations – The basics

2.0 Online flight basics

2.1 IFR Flight plan filling

2.1.1 Flight from EPMM Minsk Mazowiecki to EPPW powidz example. Aircraft: F16 Fighting Falcon, simple military IFR flight from A to B point.

INTERNATIONAL FLIGHT PLAN

7 Aircraft Identification: <=< (FPL - TAROT1 - 8 Flight Rules: I - Type of Flight: M <=<

9 Number: 1 - Type of Aircraft: F16 - Wake Turbulence Cat.: M - 10 Equipment: SCDFGHIKTUWXY / S <=<

13 Departure Aerodrome: EPMM - Departure Time: 0900 <=<

Cruising Speed: M - 078 - Level: F - 220

Route: GERVI POLON INDIG <=<

16 Destination Aerodrome: EPPW - Total EET: 0020 - Altn Aerodrome: EPLK - 2nd Altn Aerodrome: EPMI <=<

18 Other Information: DOF/210123 REG/4043 <=<

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Supplementary Information

19 Endurance: - E/ 0100 - P/ 1 - C/ Wiktor Macioch >=>



Special Operations – The basics

According to speed restrictions in EPWW FIR it is prohibited to fly supersonic below FL340, we'll fly at M.78 at FL220. However flights at M.95 can be performed at or higher than FL100 or lower with special active ATC permit. Route we are flying here is crossing Warsaw TMA since we are at FL220, so you have to contact active ATC. Equipment can be various and depends from the aircraft you are flying, in this case it's F16 Fighting Falcon registration 4043 Polish Air Force.

2.2 Phraseology

2.2.1 Phraseology on simple military IFR flight is the same as on civil IFR flights

2.3 IFR flight plan for Combat Air Patrols (CAP's) and training flights inside permanent segregated areas stated in Divisional SO Orders.

2.3.1 IFR FastCAP flight plan example.

FastCAP is air patrol flight commonly performed around one planned waypoint (VOR, NDB, TACAN) with radius not more than 200NM. Usually its 50NM. FastCAP IFR FP example where CAP will be performed 50NM radius withing OKC VOR:



Special Operations – The basics

INTERNATIONAL FLIGHT PLAN

7 Aircraft Identification: <=(FPL - TAROT1 -

8 Flight Rules: I -

Type of Flight: M - <=

9 Number: 1 -

Type of Aircraft: F16 -

Wake Turbulence Cat.: M -

10 Equipment: SCDFGHITUWXY -

S

13 Departure Aerodrome: EPMM -

Departure Time: 0500 - <=

Cruising Speed: N - 250 -

Level: F - 150 -

Route: SIE OKC FASTCAP 50NM KRN LIN SIE - <=

16 Destination Aerodrome: EPMM -

Total EET: 0040 -

Altn Aerodrome: -

2nd Altn Aerodrome: - <=

18 Other Information: DOF/210123 REG/4043 RMK/FASTCAP 50NM RADIUS FROM OKC - <=

World Tour

Supplementary Information

19 Endurance: - E/ 0110 -

Person on Board: - P/ 1 -

Pilot in Command: - C/ Wiktor Macioch - <=

This type of flight isn't SO rated so it can be performed outside permanently segregated areas specified in Divisional SO Order on any waypoint you want. There are also other CAP types such as HAVCAP ("High Asset Value Combat Air Patrol") which is performed by fighters to protect for example AWACS planes also in 50-200NM radius from specified waypoint or in permanently segregated areas in EPWW FIR such as these:

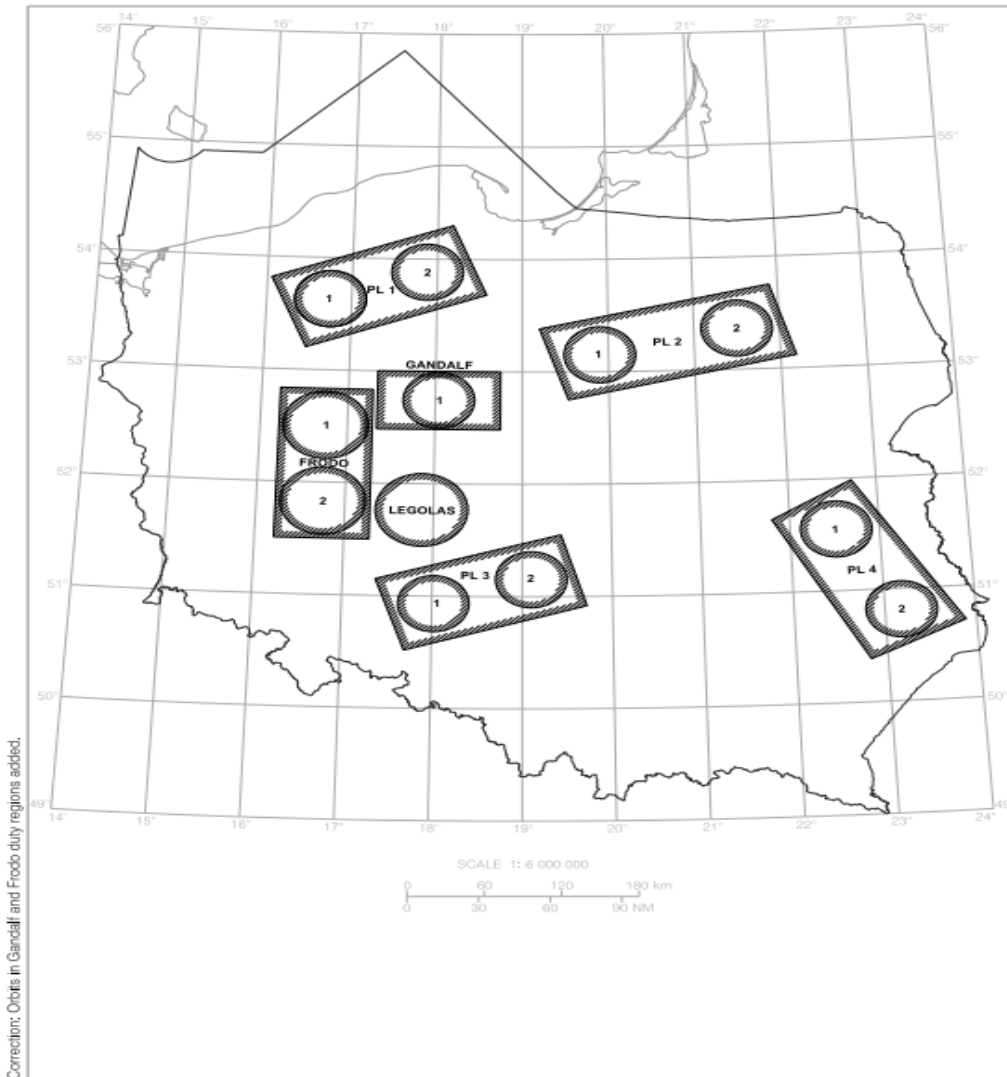


Special Operations – The basics

MIL AIP
POLAND

MIL ENR 2.4-0
26 JUN 2014

REJONY WYKONYWANIA MISJI AWACS AWACS MISSION REGIONS



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2.4 VFR low level flights

2.4.1 To fly fighters below 1800ft in EPWW FIR you must follow MRT routes which you can find in [MIL AIP Poland](#) in folder ENR/ENR 5/ENR 5.2.4-0 and it's coordinates in ENR 5.2.4.

2.4.2 Low level VFR flight plan example:

INTERNATIONAL FLIGHT PLAN

7 Aircraft Identification: GAMER06 8 Flight Rules: V Type of Flight: M

9 Number: 1 Type of Aircraft: MG29 Wake Turbulence Cat.: M 10 Equipment: SCDFGHIKTUWXY / S

13 Departure Aerodrome: EPMM Departure Time: 0500

Cruising Speed: N 250 Level: A 1800

Route: MRT1 MRT4

16 Destination Aerodrome: EPMM Total EET: 0040 Altn Aerodrome: 2nd Altn Aerodrome:

18 Other Information: DOF/210123 RMK/MRT LOW LEVEL ROUTING NO 1 AND 4

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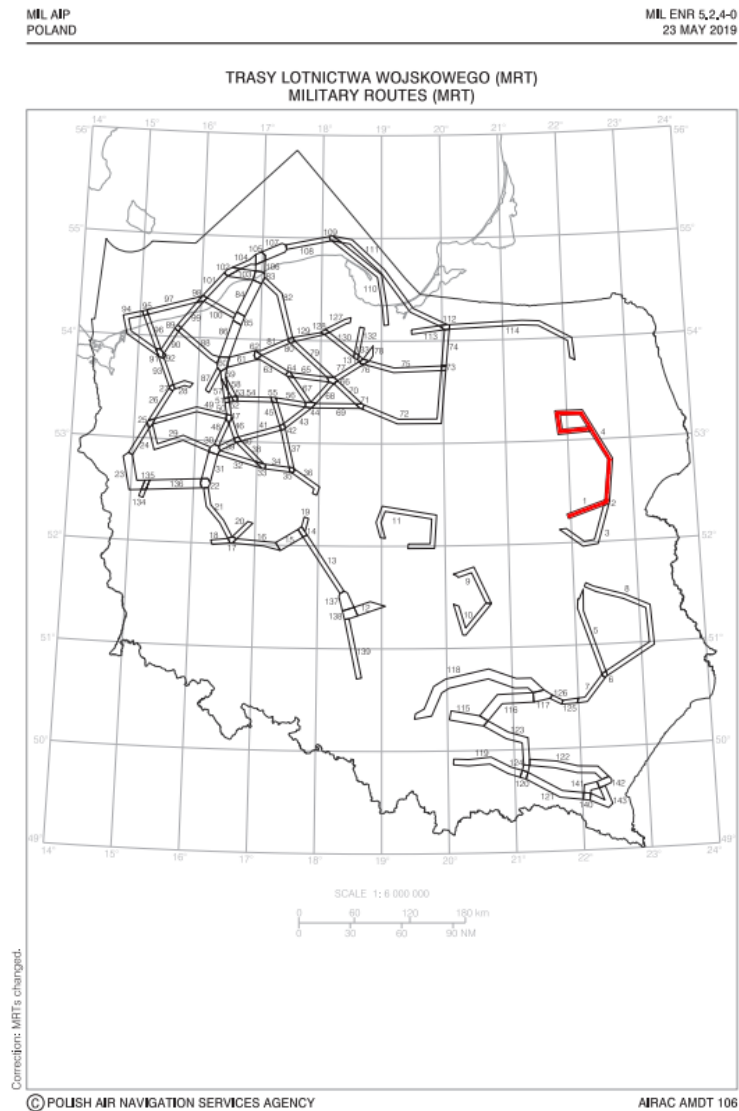
Supplementary Information

19 Endurance: E/ 0120 Person on Board: P/ 1 Pilot in Command: C/ Wiktor Macloch



Special Operations – The basics

On this particular flight we'll be following MRT routes number 1 and 4:



In EPWW FIR all MRT routes are allowed to use only below 1800ft altitude.

2.4.3 VFR flight phraseology

Full phraseology guide will be available soon! Stay tuned!



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FAQ:

Q: Can I intercept other planes?

A: The answer is yes, but unless performed under ATC and other pilot approval and inside ONLY SO Order-designated permanently segregated airspace area(s) reserved for exclusive use by SO flights.

Q: Can I do acrobatics?

A: Yes, unless performed inside SO Order designated permanently segregated airspace area(s) reserved for exclusive use by SO flights.

Q: Can I fly my fighter to other countries?

A: Yes. You can fly simple military IFR flight without local authorities permission, but you can't perform any SO activities listed in CHAPTER 1 subsection 1.1.3 in SO Regulations without local SO Coordinator or Division HQ approval.

For any questions contact: pl-soc@ivao.aero