



OPERATION PROTEAS 2019





IVAO HELLENIC (GR) DIVISION

Special Operations Department

Operation **“PROTEAS”**

21 SEPTEMBER 2019

15:00 – 18:00 UTC

The event will be an official Category C (Cat C) SO event and every participant will receive 2 SO point (Pilot or ATC).

Rules:

- ☐ Formation flights are approved. Only the lead aircraft of each formation is to Communicate with ATC and other formations if required.
- ☐ Only the lead aircraft is to Squawk Charlie. ☐ Real weather is mandatory.
- ☐ The flight plan must be completed correctly, with reference to the event (RMK: Operation Proteas/ type of mission)
- ☐ Voice communication is mandatory.
- ☐ Other IVAO rules will be applied during the event

SO "PROTEAS" Event Update

1. S.O Event Scenario

The summer is closing and the danger of wildfires in the area is obvious but unacceptable. In the area of Michio Hill, fires are in progress, all fire brigades are invited to take part in the fire. All units must approach the site and perform their assignment in accordance with the assignment. All units at the end of their shipment must be directed to Andravida Airport (LGAD) for debriefing.

2. Participating Units

- a. Fire fighting aircrafts (CL215, CL415 or equivalent)
- b. Transport helicopters (CH47, AS 332C1 or equivalent)
- c. Transport aircraft (C130 or equivalent)

3. Base Airports

- a. ANDRAVIDA LGAD (Fire fighting aircrafts)
- b. ARAXOS LGRX (CH47, AS 332C1 or equivalent)
- c. ELEFSINA LGEL (C130 or equivalent)

4. Air Traffic Support/Services (MIL)

- a. 2st KEP, call sign LGGM_MIL_CTR (MAMBO) Freq.: 129.800 MHz
- b. Area Traffic Officer ATO (ground), call sign FLAME Freq.: 123.500 MHz
- c. MTMA LGAD_M_APP, call sign 121,125 MHz

5. Area of operations/Routes

Southeast of Andravida Airport, in the area of Michio Hill.

Firefighting aircraft: Dep./Arrival Airport LGAD (VARDA MICHIO)

Flight Level 030 max.

Transport helicopters: Dep. Airport LGRXarrival airport LGAD

Transport aircraft: Dep. Airport LGEL, Route, **KOR PIKAD EGIO ACHAIA ARA
VARDA** arrival airport LGAD

Missions:

- a. Fire fighting aircrafts (CL215, CL415 or equivalent) Aircrafts will takeoff in three (3) formations. The formation Leader when ready for engine start up has to contact airport ATC, after takeoff and when appropriate he will be transferred to MAMBO (MIL) radar. Follow route, procedures
- b. **Attention:** First proceed with reconnaissance of the area you have been assigned and then to the area (Lake) where you will proceed with water scoop. Check the maps below.

Remarks:

RMK/OPERATION PROTEAS. indicate

Transport helicopters (CH47, AS 332C1 or equivalent) When ready for takeoff contact MAMBO (MIL) radar for the clearance. Follow route, procedures NORMAL.

Transport aircraft (C130 or equivalent) Takeoff from Elefsina (LGEL) airport. contact MAMBO (MIL) radar. **LGGM_MIL_CTR**

Communications with Area Traffic Officer (ATO)

- ☐ Call sign.
- ☐ Position.
- ☐ Altitude.
- ☐ Type of task (eg. Firefighting, personnel transfer etc).

Report when commencing, each water drop run, eg. Hephaestus 063 in. Report when each water drop ended, eg. Hephaestus 063 out and safe. After operations are ended and fires are put down, Area Traffic Officer will transfer you to LGGM_MIL_CTR MAMBO (MIL) radar and return to Andravida LGAD airport to end your mission.

On initial contact with MAMBO (MIL) radar, your report should be like this: eg. Hephaestus 063 with procedures normal, destination Andravida airport ETA (time xxxx), at (position) (altitude) next (position).

Airports charts. You will find here (free registration is required).

<http://www.ypa.gr/aip/login>

Scenery for FSX P3D and P3DV4 Operations Area scenery you will find here.

https://greeksimdesign.com/FreeSceneriesPacks/Mil/GSD_LGAD_V1_Lite.rar

Here is the scenery LGAD for X-Plane

<https://gateway.x-plane.com/scenery/page/LGAD>

Fire base for FSX P3D and P3DV4 you will find here.

https://greeksimdesign.com/FreeSceneriesPacks/Other/FireFighting_Event_IVAO_GR2019.zip

scenery (with 3d objects) and the area of the fires for Xplane11 are available.

Regarding libraries you will only need the libraries of ruscenery.

<http://ruscenery.x-air.ru>

The scenery can be downloaded from here.

<https://drive.google.com/file/d/1eOuy1seS0GBC9W3KwQL0m8l4h4KlBe8B/view?usp=sharing>

Support Refueling for CL-215/415 at Andravida base (LGAD) Refueling for Helicopters at the operations area. Instructions, if needed will be given on site.

Area of Operation Maps. Check carefully entrance points and altitude when entering the area. Routes and flight patterns should be performed as accurate as possible to minimize possibility of collision. Always keep in mind, first safety of personnel and then equipment. You can book your flight here.

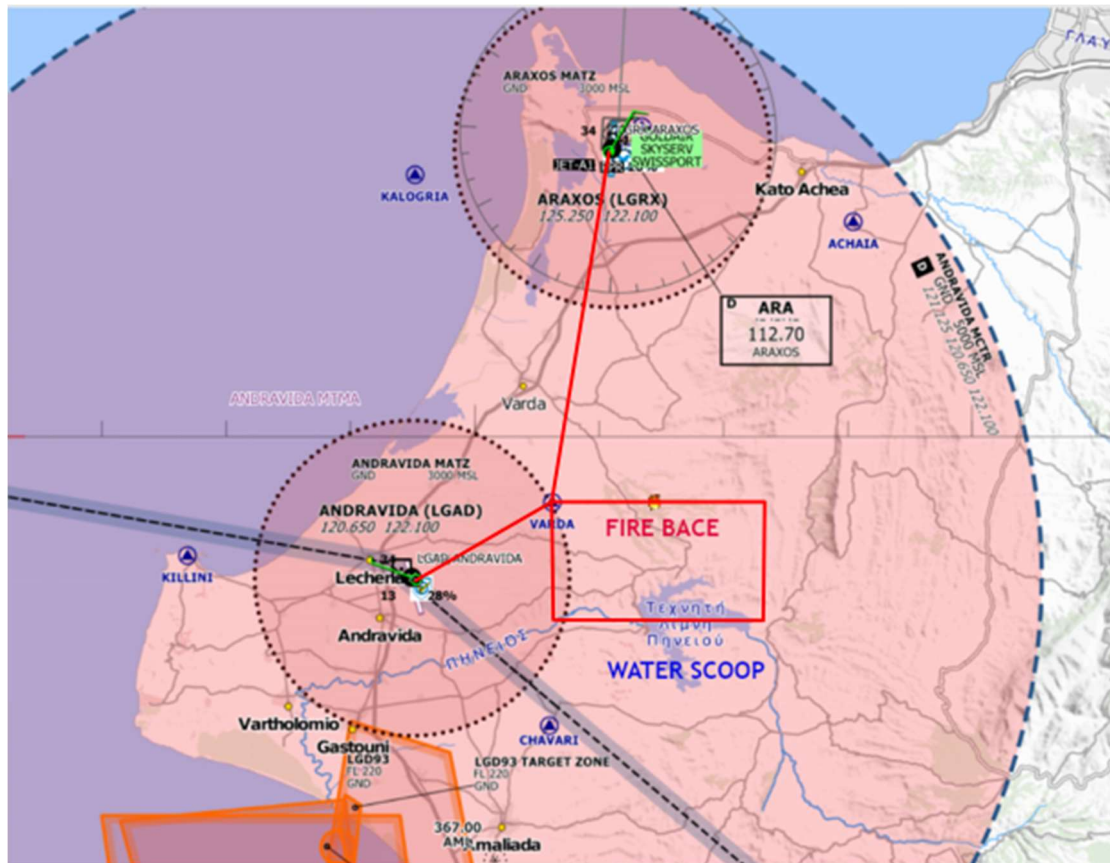
<https://sod.ivao.aero/event-27>

Good luck to all of you and fly back safe.

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AREA AND ROUTE MAPS



water will be drawn from the artificial lake of Pinios



Lake Pinios

Area: 19,895 km²

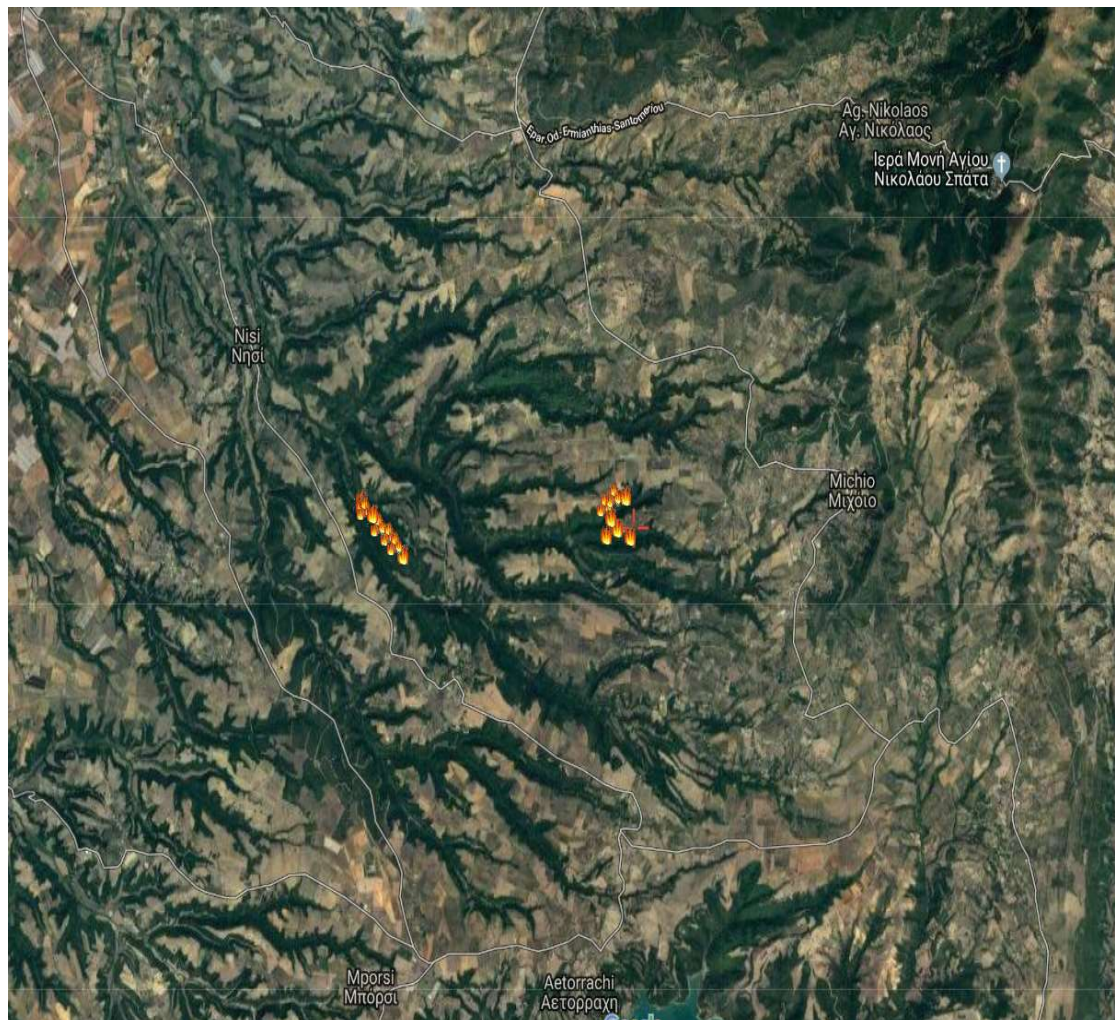
Maximum length: 8,490 km

Elevation: 80 m

Geographical Apartment: Peloponnese

Coordinates: 37.89,8 N – 21.46,3 E

Base of fire



Coordinates:

West Fire: Lat=37.968598 - Lon=21.438647

East Fire: Lat=37.967875 - lon=21.476070



LGAD AIRPORT (Andravida)



LGRX AIRPORT (Araxos)



