



**PORTUGAL SO DEPARTMENT
OPERATION IRON HEART**

MASTER PLAN

SAT, 17th July 2021 1430UTC



OPERATION IRON HEART

ÍNDICE

1. INTRODUCTION	4
2. DEFINITIONS	5
3. BRIEFING.....	5
4. MISSION	5
4.1 . Interceptors.....	6
4.2 Intercepted Aircrafts	6
5. AIRFIELD INFORMATION	7
5.1 MONTE REAL (LPMR).....	7
6. ATC	7
7. RADIO AIDS.....	7
8. ALTN AERODROMES.....	7
9. CHARTS.....	8
10. SCENERIES	8
11. DOCUMENTATION.....	8
12. CONTACTS	8

1. INTRODUCTION

Safeguarding national airspace is essential for maintaining national sovereignty, thereby squadrons 201 and 301 play a vital role in protecting national territory from any type of external and / or internal threat.

Bearing this in mind, Operation Iron Heart will be characterized by the rapid and effective intervention of combat aircraft to intercept and ascertain any situation that unfolds with another aircraft in national airspace. This interception mission will be based on non-compliance with orders from a non-military aircraft that enters airspace without authorization, is not cooperating with air traffic control or has no reason to fly over national airspace.

In addition to promoting rapid execution of procedures by the pilots who will intercept the uncooperative aircraft, this mission also serves for intercepted pilots to train their ability to be guided by a military aircraft and not exclusively by the air traffic controller.

The mission is concluded when the intercepted aircraft lands safely at the military aerodrome defined for the purpose.

2. DEFINITIONS

TERMO	EXPLICAÇÃO
VFR	Visual Flight Rules
IFR	Instrument Flight Rules
GAT	General Air Traffic
OAT	Operational Air Traffic
TACAN	Tactical Air Navigation

3. BRIEFING

For preparation effects a proper reading of this mission Masterplan will be enough to perform a safe and realistic mission procedure. However, we strongly advise all participating pilots to attend a pre mission briefing taking place at the Special Operations discord server at 1430UTC.

4. MISSION

For this Special Operations mission there will be two separate missions taking place at the same time, therefore in the following points the sub missions will be specified for the two intervenient in this SO mission.

4.1. Interceptors

The Interceptors mission will be divided in several parts, for a proper understanding of the mission a brief procedure order will be given bellow:

- Interceptors will depart from Monte Real Air Base, where the alert team is stationed.
- These aircraft will be guided through Portuguese Airspace by Special Operations controllers connected to Military areas in Portugal.
- When visual and voice contact is established with the intercepted aircraft, the interceptors should advise the military controllers and give further instructions to the intercepted aircrafts.
- The military controller will then give the clearance to the interceptor aircraft to advise the intercepted aircraft of the destination aerodrome, and therefore must accompany the intercepted aircraft into the specified arrival aerodrome.
- After a safe landing from the intercepted aircraft the interceptor should safely return to Monte Real Air Base and land as indicated by the military controller.

4.2 Intercepted Aircrafts

The Intercepted mission will be divided in several parts, for a proper understanding of the mission a brief procedure order will be given bellow:

- Intercepted aircraft pilots will receive prior to the event, in their emails, information regarding to their flight plan. The flight plan given should be complied for a smooth unfolding of the mission.
- Pilots MUST file their flight plan's Item 9 with "ZZZZ" so that they do not show up in Webeye.
- They will depart from the specified aerodrome, perform the assigned route and therefore they will be intercepted by a military fighter, which will establish contact with the distress aircraft.
- After being Intercepted they should follow the interceptor fighter instructions and proceed to the specified arrival aerodrome of their flight plan, which will be coordinated by the military controller and the interceptor aircraft.

5. AIRFIELD INFORMATION

5.1 MONTE REAL (LPMR)

RWY	COURSE	LENGTH	ELEVATION	APPROACHES	CIRCUIT
01	009	11319	628	TACAN/ILS	Left Hand
19	009	11316	633	TACAN/ILS	Right Hand

6. ATC

POSITION	CALLSIGN	FREQUENCY
LPAM_MIL_CTR	ZEUS	131.050
LPMR_APP	Monte Real Approach	121.700
LPMR_TWR	Monte Real Tower	122.100

7. RADIO AIDS

TIPE	NAME	ID	FREQUENCY
VORDME	FÁTIMA	FTM	113.5
VORTAC	MONTE REAL	MTR	119.6
VORTAC	OVAR AB	OVR	110.6
VORTAC	SINTRA AB	SRA	112.1

8. ALTN AERODROMES

NAME	ICAO	HEADING	DISTANCE
SINTRA	LPST	206	64
OVAR	LPOV	012	66

9. CHARTS

Due to the military nature of the Air Bases charts and procedures, charts from LPMR Air Base will not be given to the mission participants, however all useful and needed aeronautical information will be given to the pilots by the Portuguese Special Operations department.

10. SCENERIES

There is no need to install any scenery, however you can find some Portuguese freeware sceneries [here](#).

11. DOCUMENTATION

In order to participate in this event you must make yourself familiar with the following documents:

- [Authentication Table](#)
- [General Military Phraseology](#)
- [GCI Phraseology](#)

12. CONTACTS

- pt-soc@ivao.aero
- pt-soac@ivao.aero