# NATIONAL DAY OF SPAIN

# ALA 23 VIRTUAL

October, 12th 2022
1000Z – 1200Z

## Introduction

The Virtual Wing 23 organized a special event in which we will make a flight to Madrid, capital of SPAIN, where we will make a low-level flight along the Paseo de la Castellana to commemorate the national day.

## Aircraft Type

Fighter aircraft, helicopters, transport and UAV allowed. Military aircraft will have preference in all case.
List of aircraft that can be flown with their corresponding Air Base (Equivalent aircraft are accepted):

| Air Base | Planes |
|---|---|
| LEBZ - Badajoz | F5 |
| LEAB - Albacete | EF-2000 Eurofighter |
| LESA - Salamanca | CN235 C295 C212 |
| LEZG - Zaragoza | F18 C130 A400M |
| LETO - Torrejón | A310 C212 CL215T/415 Falcon 900 |
| LEVS - Cuatro Vientos | S76 EC120 AS332 AS532 |

## ATC Control

It will be an indispensable requirement to be able to occupy a control position to have CAO knowledge and the use of the microphone given the nature of the event.

Positions required for the correct development of the event:

| | |
|---|---|
| LECS_MIL_CTR | FL660/AMSL Freq. 125.775 |
| LECM_MIL_CTR | FL660/AMSL Freq. 133.450 |
| LEMD_WS_APP | Freq. 136.100 |
| LEBZ | APP Freq. 120.550<br>TWR Freq. 122.100 |
| LEAB | APP Freq. 118.725<br>TWR Freq. 122.100 |
| LESA | APP Freq. 124.400<br>TWR Freq. 118.100 |
| LEZG | TWR Freq. 122.100<br>APP Freq. 119.300 |
| LETO | MIL_APP Freq. 119.950<br>MIL_TWR Freq. 122.100 |
| LEVS | TWR Freq. 118.700<br>GND Freq. 121.800 |

## Mission

Our mission will begin with a general briefing in which each formation will be explained its flight route and the possible wait that will be made before entering the TSA in Madrid. Once the briefing is done, each formation will depart from its Base to Madrid.

Upon reaching Madrid, the controller will give us directions to access the TSA or wait at the designated points.

LEBZ, LESA AND LEVS will wait in VGE (Getafe) entering through radial 230 and with a radius of 10DME. Base: 7000 ft MSL Ceiling: 9000 ft MSL

LEAB, LEZG AND LETO will wait in PDT (Perales de Tajuna) entering through the 180 radial and with a radius of 10DME. Base: 7000 ft MSL Ceiling: 9000 ft MSL

In no case will we be able to access the temporarily segregated TSA area if the active control position has not previously authorized it. The maximum speed allowed on the TSA is 250 knots.

Once we have authorization to enter the TSA, we will go to point PUSH1 where we will start the flight at low altitude (1000 ft AGL) passing through points TP1 and TP2 (Maximum speed allowed 250 knots), leaving the Paseo de La Castellana and trying to fly over the Santiago Bernabéu stadium as a reference.

Arriving at point TP2, the air traffic controller will direct us to the VOR CNR (Colmenar Viejo), from this point each formation will fly according to its route back to its Base of origin.

If any formation wants to perform a second pass, it must request authorization from the controller by going from CNR (Colmenar Viejo) to NVS (Navas) to enter through VGE (Getafe).

## Airport/Airbase Details

### LEBZ

Air Base of Talavera la Real (LEBZ)

Location: Badajoz, Spain

Elevation: 185 m / 608 ft.

Runway: 13 & 31

Runway Length & Width: 2852 meters x 60 meters

### LEAB

Air Base of Albacete (LEAB)

Location: Albacete, Spain

Elevation: 701 m / 2301 ft.

Runway: 09 & 27

Runway Length & Width: 2700 meters x 60 meters

### LESA

Air Base of Salamanca (LESA)

Location: Salamanca, Spain

Elevation: 791 m / 2595 ft.

Runway: 03 & 21, 08 & 26

Runway Length & Width:

03/21 2513 meters x 60 meters

08/26 1864 meters x 122 meters

## LEZG

Air Base of Zaragoza (LEZG)

Location: Zaragoza, Spain

Elevation: 263 m / 862 ft.

Runway: 12L/R & 30R/L

Runway Length & Width:

30L/12R 3718 meters x 45 meters

30R/12L 3032 meters x 45 meters

## LETO

Air Base of Torrejón (LETO)

Location: Torrejón, Spain

Elevation: 618 m / 2026 ft.

Runway: 04 & 22 / 04D

Runway Length & Width:

04/22 3658 meters x 60 meters

04D 2752 meters & 60 meters

## LEVS

Air Base of Cuatrovientos LEVS)

Location: Cuatrovientos, Spain

Elevation: 692 m / 2269 ft.

Runway: 09 & 27

Runway Length & Width: 1500 meters x 30 meters

# Airport Departure & Arrival

## LEBZ

Air Base of Talavera la Real (LEBZ) Arrival

HI-TACAN or ILS Runway 31 (preferential) // HI-TACAN 13

Air Base of Talavera la Real (LEBZ) Departure

DCT N-point (390032N 0065417W) DCT CCS

## LEAB

Air Base of Albacete (LEAB) Arrival

HI-TACAN or TACAN or ILS Runway 09 (preferential) // HI-TACAN or TACAN or ILS 27

Air Base of Albacete (LEAB) Departure

DCT W1-point (390020N 0015350W) and W-point (390654N 0015948W) DCT VTB

## LESA

Air Base of Salamanca (LESA) Arrival

HI-TACAN or TACAN or ILS Runway 21 (preferential) // HI-TACAN or TACAN 03

Air Base of Salamanca (LESA) Departure

DCT E-point (405428N 0051131W) DCT NVS

## LEZG

Air Base of Zaragoza (LEZG) Arrival

HI-TACAN or ILS Runway 30R (preferential) // HI-TACAN 12R TACAN 12R

Air Base of Zaragoza (LEZG) Departure

DCT S-point (413426N 0010707W) DCT CMA

## LETO

Air Base of Torrejón (LETO) Arrival

HI-TACAN or ILS Runway 22 (preferential)

Air Base of Torrejón (LETO) Departure

DCT OSCAR-point (403349N 0030403W) DCT PDT

## LEVS

Air Base of Cuatro Vientos (LEVS) Arrival

DCT N-point (402416N 0035245W) 09/27

Air Base of Cuatro Vientos (LEVS) Departure

DCT N-point (402416N 0035245W)

## Group Callsign

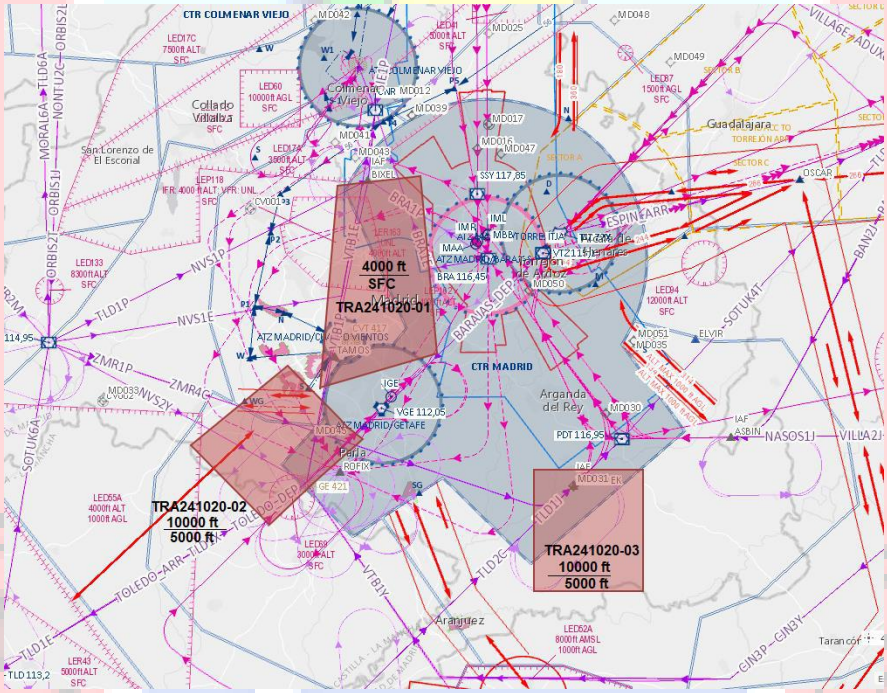
You are allowed to use any listed military callsigns in use by air forces around the world, but the preference is MGO

## Temporarily Restricted Area

There will be a temporarily segregated area in the area where the pass will take place on the Paseo de la Castellana. Access to this area will be coordinated with dependent air control. **It is totally forbidden to fly from this area without proper authorization.**

Maximum altitude in the TRA-01: 4000 ft MSL

402106N0033819W 403410N0033953W 403352N0034741W 401906N0034915W




## Flight Operations

The flight mission will begin at the assigned Base according to the aircraft we are going to fly

### LEBZ

CCS TLD **VGE** 402628N0034130W 402757N0034121W 402856N0034106W CNR NVS CCS

### LEAB

VTB **PDT** VGE [*PUSH1*] 402628N0034130W [*TP1*] 402757N0034121W [*TP2*] 402856N0034106W CNR RBO CJN

## LESA

NVS **VGE** [*PUSH1*] 402628N0034130W [*TP1*] 402757N0034121W [*TP2*] 402856N0034106W CNR

## LEZG

CMA CJN **PDT** VGE [*PUSH1*] 402628N0034130W [*TP1*] 402757N0034121W [*TP2*] 402856N0034106W CNR RBO BAN

## LETO

**PDT** VGE [*PUSH1*] 402628N0034130W [*TP1*] 402757N0034121W [*TP2*] 402856N0034106W CNR RBO

## LEVS

**VGE** [*PUSH1*] 402628N0034130W [*TP1*] 402757N0034121W [*TP2*] 402856N0034106W CNR NVS

## Holding Points

There are two possible waiting points, the decision will be taken by the flight control.

**Radial 230 10DME VGE Base:** 7000 ft MSL Ceiling: 9000 ft MSL

**Radial 180 10DME PDT Base:** 7000 ft MSL Ceiling: 9000 ft MSL

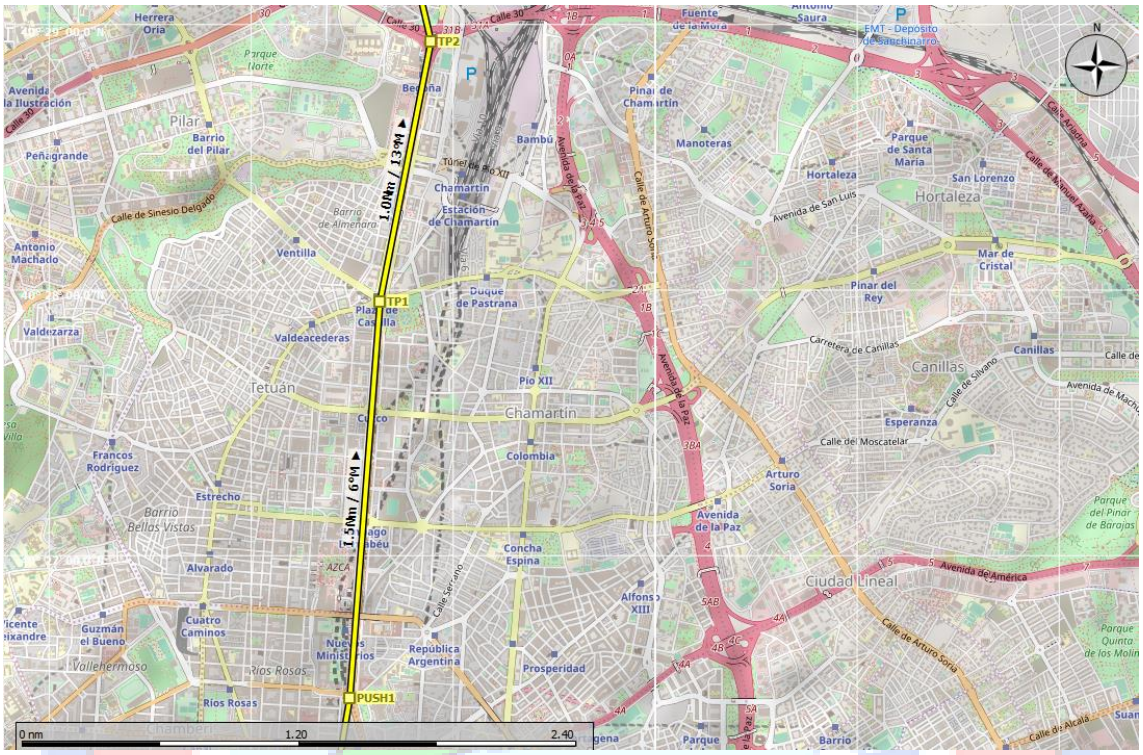
Waiting will be done by making a full ARC-DME centered on the designated VORs

## Waypoints

**PUSH1:** 402628N0034130W

**TP1:** 402757N0034121W

**TP2:** 402856N0034106W




## ATC

Air control will be a fundamental part for the correct development of the event. It will be an indispensable requirement to be able to occupy a control position to have CAO knowledge and the use of the microphone given the nature of the event.

- LEBZ_TWR - 122.100 MHz
- LEAB_TWR - 122.100 MHz
- LESA_TWR - 118.100 MHz
- LEZG_TWR - 122.100 MHz
- LETO_TWR - 122.100 MHz
- LEVS_TWR - 118.700 MHz
- LEMD_WS_APP - 127.100 MHz

- LECM_MIL_CTR - 133.450 MHz
- LECS_MIL_CTR - 125.775 MHz

## Comunications

**Discord server IVAO:** https://sod.ivao.aero/discord

All pre-flight communications (Briefing) and flight communications between formations and pilots will be made on the SOD Ivao server in Discord. It is necessary to have previously made access and configuration.

## JoinFS

Server: Ala 23 Virtual

## Charts

AIP Spain - https://ais.enaire.es/aip/

## Formation Flight

Formation flight is not mandatory; however it is allowed and a pilot acting as formation leader shall be elected first before a flight commences.

## Recommended soft

FreemeshX - http://ninetwopro.com/freemeshx/

Airhispania SC/SCX/SCXP - www.airhispania.com

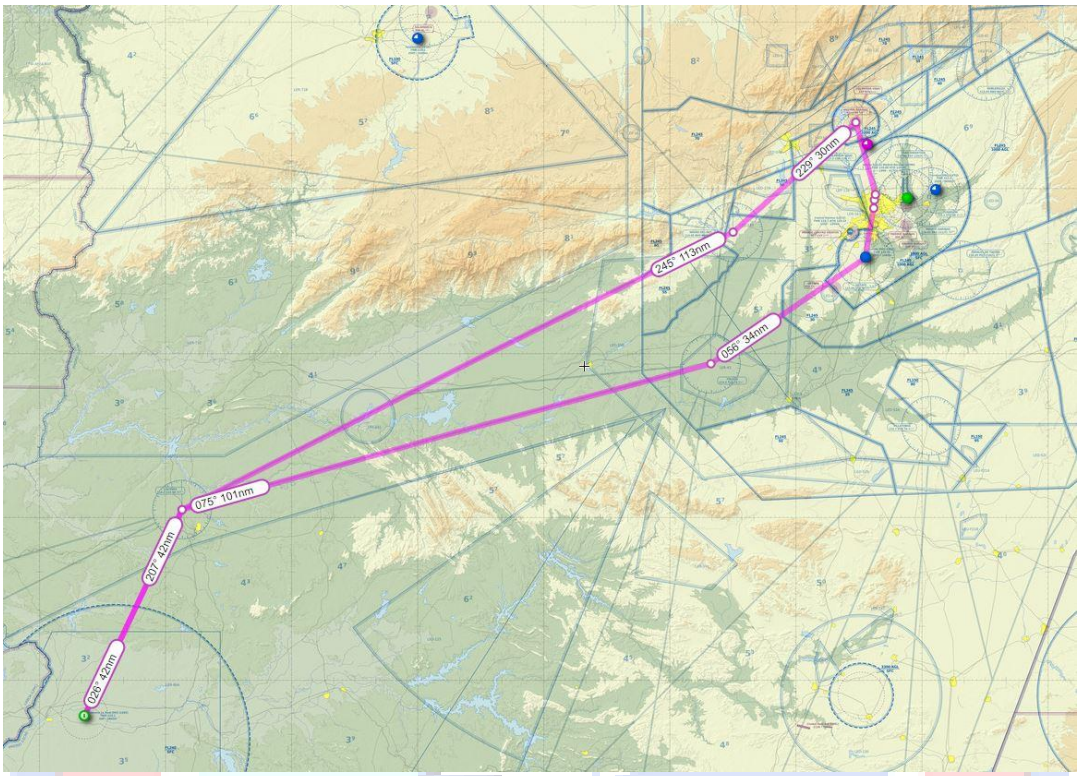
Photoreal Spain - http://www.airhispania.com/phpBB3/viewtopic.php?f=17&t=2506&sid=a3387a79741ccde8f1a99442e33ceda3

Madrid autogen P3D - https://secure.simmarket.com/prealsoft-hd-cities-madrid-autogen-3d-obj-p3d-v4.phtml

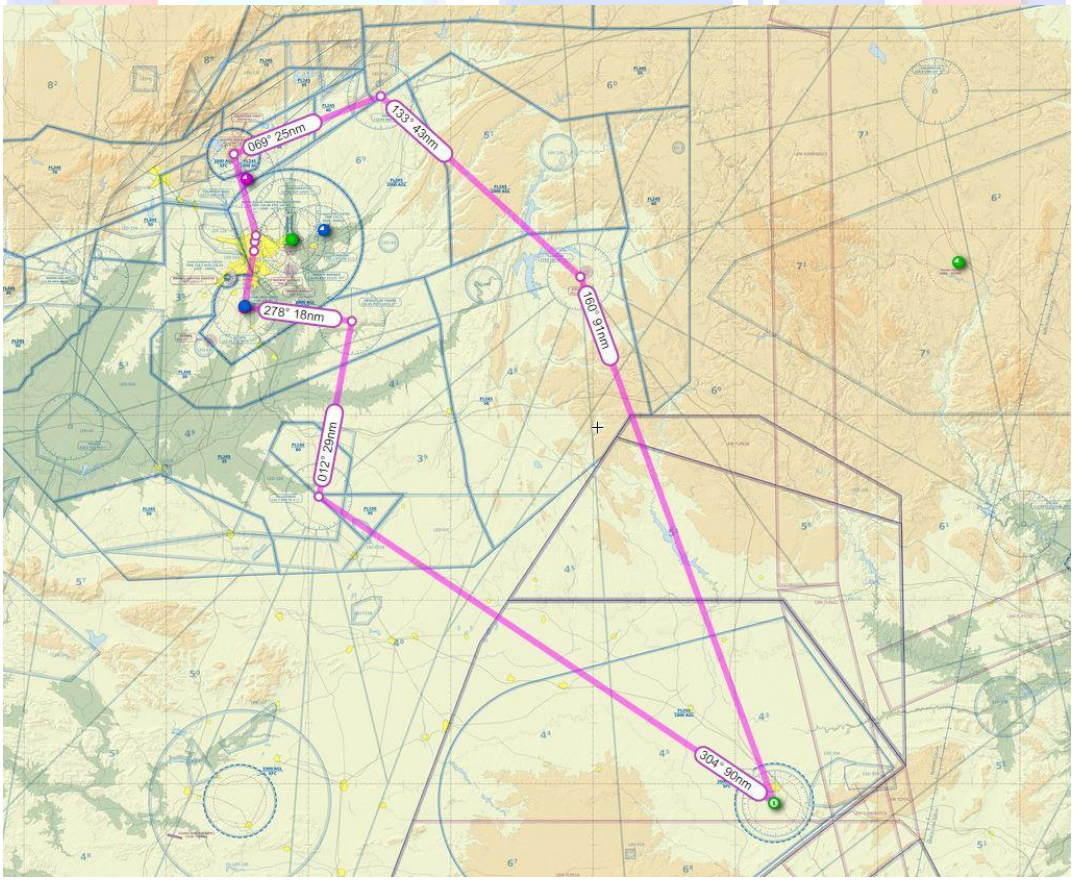
Discord - https://discordapp.com/

# Maps and Routes

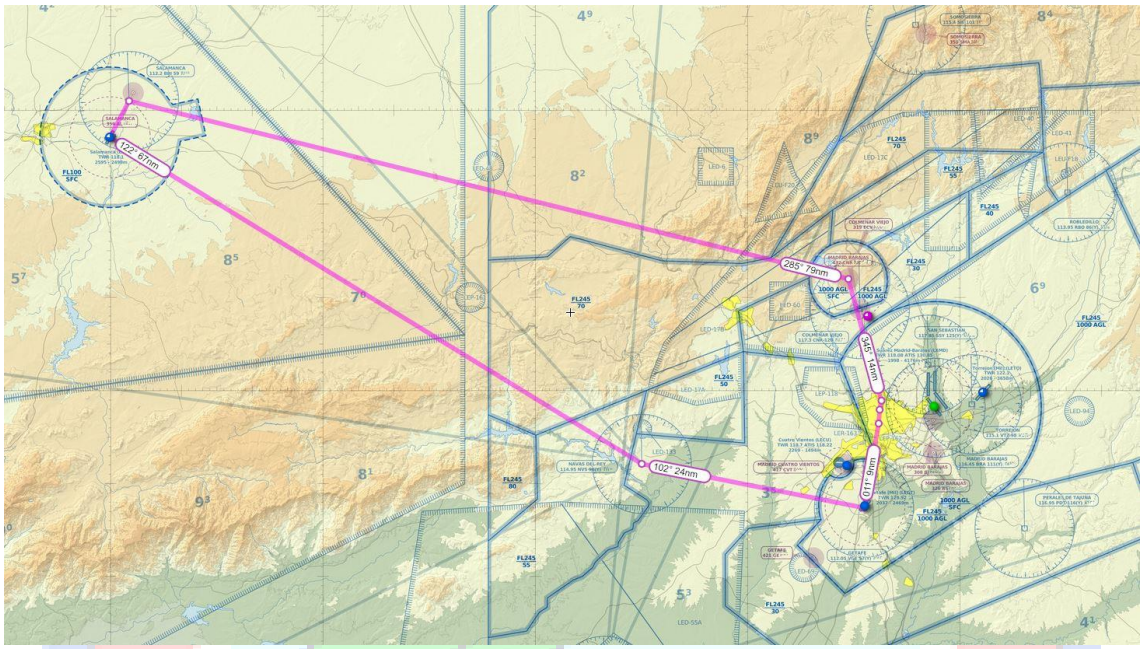
## Route LEBZ



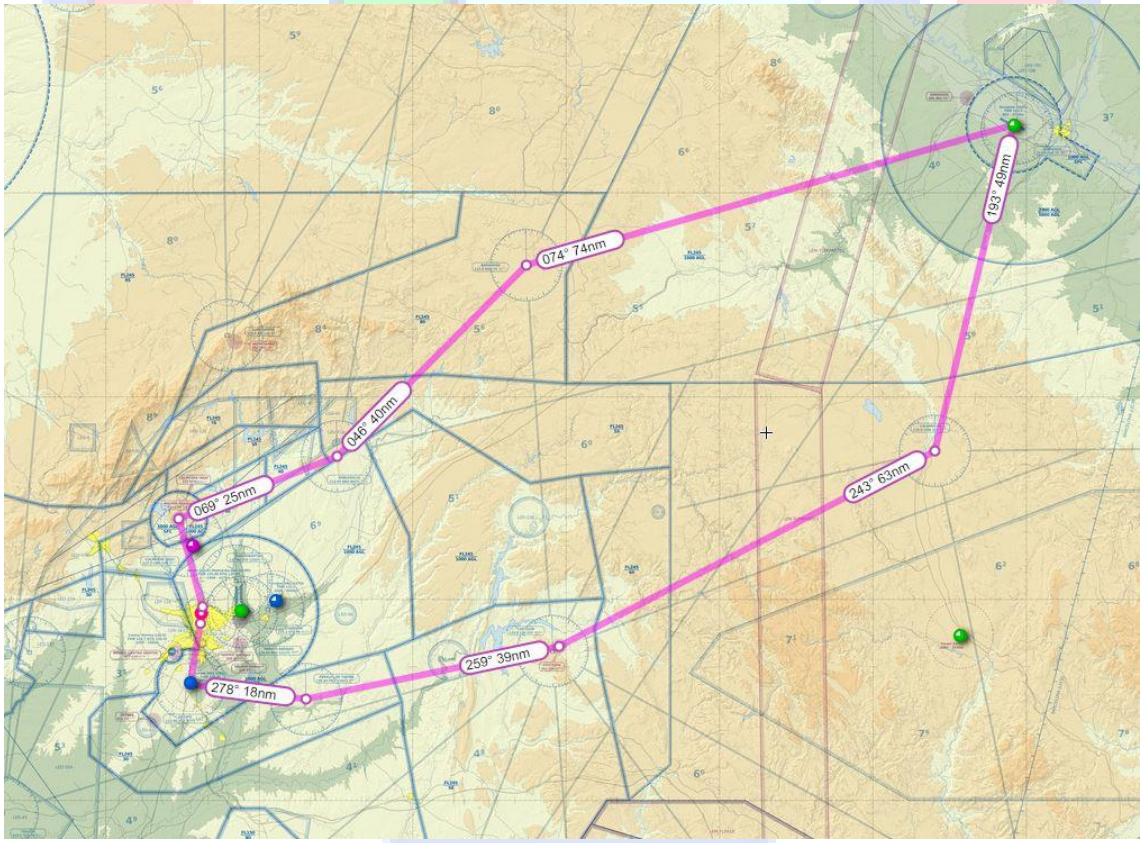

## Route LEAB



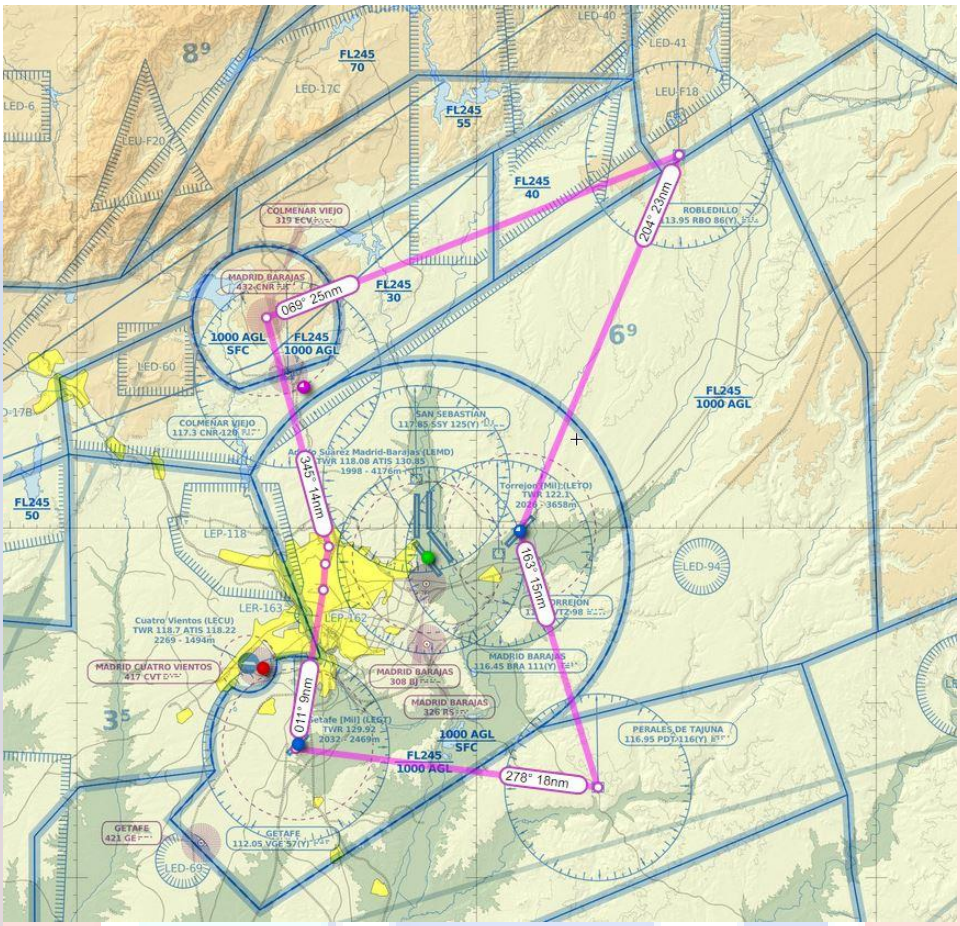
## Route LESA

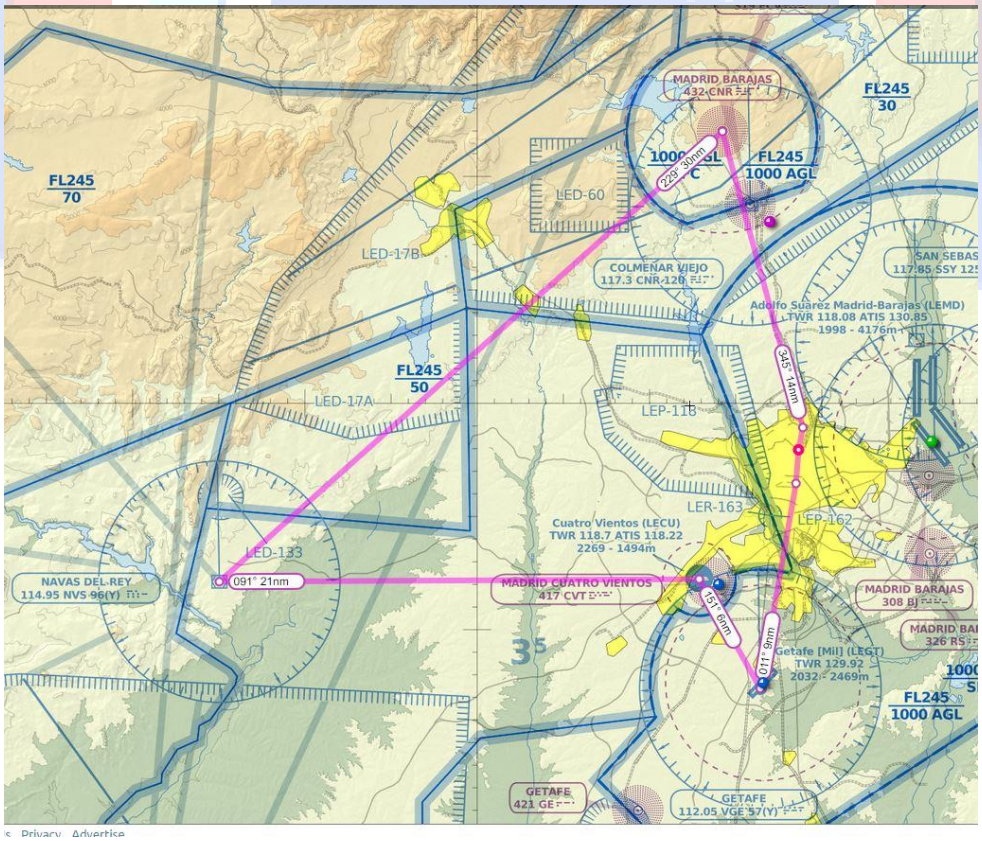



## Route LEZG



## Route LETO




## Route LEVS