

Thursday, 12 September 2024  
**MET1 - ATMOSPHERIC RESEARCH AIRCRAFT - G-LUXE**

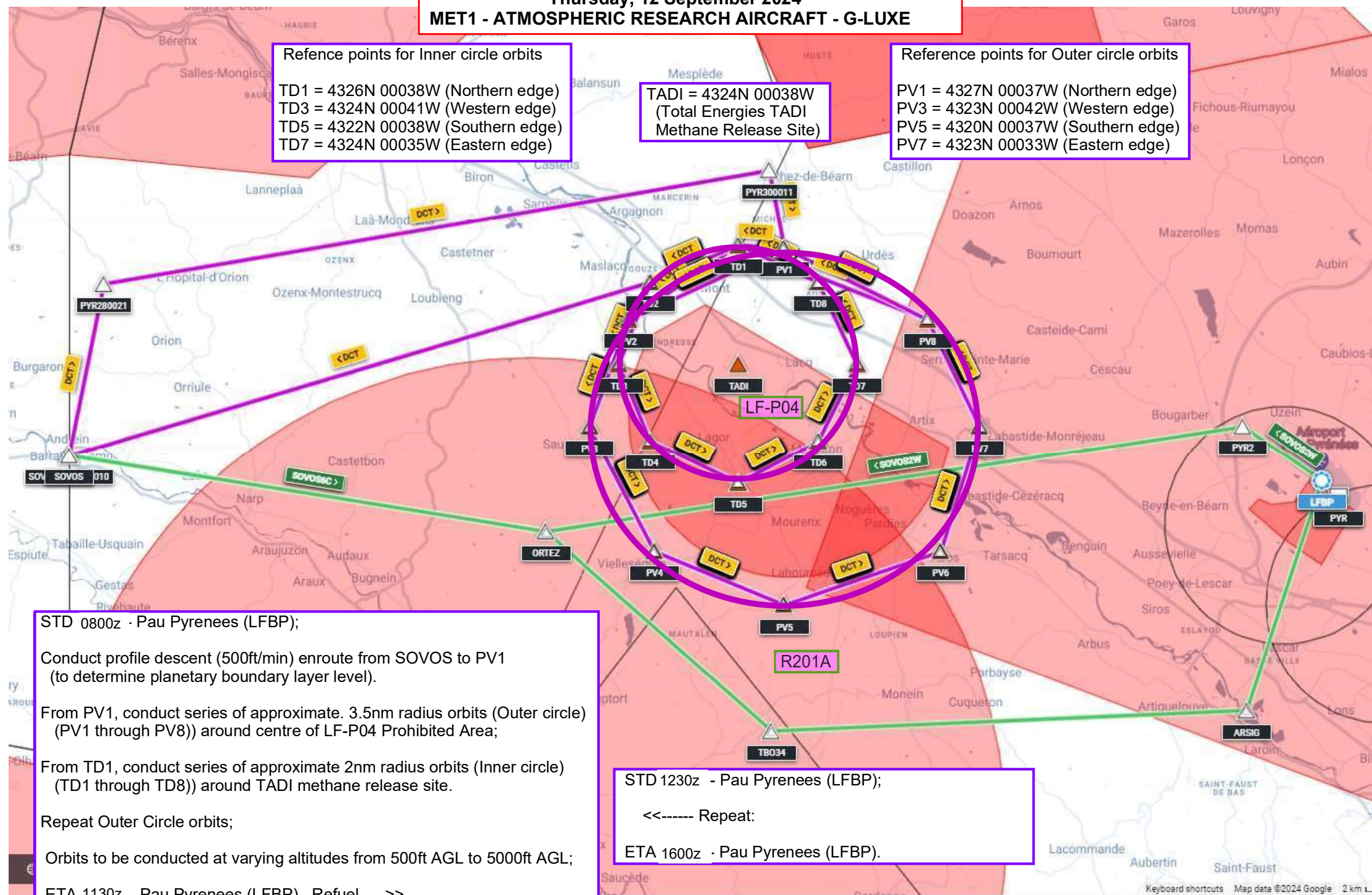
Reference points for Inner circle orbits

TD1 = 4326N 00038W (Northern edge)  
 TD3 = 4324N 00041W (Western edge)  
 TD5 = 4322N 00038W (Southern edge)  
 TD7 = 4324N 00035W (Eastern edge)

TADI = 4324N 00038W  
 (Total Energies TADI  
 Methane Release Site)

Reference points for Outer circle orbits

PV1 = 4327N 00037W (Northern edge)  
 PV3 = 4323N 00042W (Western edge)  
 PV5 = 4320N 00037W (Southern edge)  
 PV7 = 4323N 00033W (Eastern edge)



STD 0800z - Pau Pyrenees (LFBP);

Conduct profile descent (500ft/min) enroute from SOVOS to PV1  
 (to determine planetary boundary layer level).

From PV1, conduct series of approximate 3.5nm radius orbits (Outer circle)  
 (PV1 through PV8)) around centre of LF-P04 Prohibited Area;

From TD1, conduct series of approximate 2nm radius orbits (Inner circle)  
 (TD1 through TD8)) around TADI methane release site.

Repeat Outer Circle orbits;

Orbits to be conducted at varying altitudes from 500ft AGL to 5000ft AGL;

ETA 1130z - Pau Pyrenees (LFBP). Refuel ---->>

STD 1230z - Pau Pyrenees (LFBP);

<<----- Repeat:

ETA 1600z - Pau Pyrenees (LFBP).

LFBP-LFBP [A/C GLUXE]

