

NATIONAL FRA AERODROME CHART

02 NOV 2023

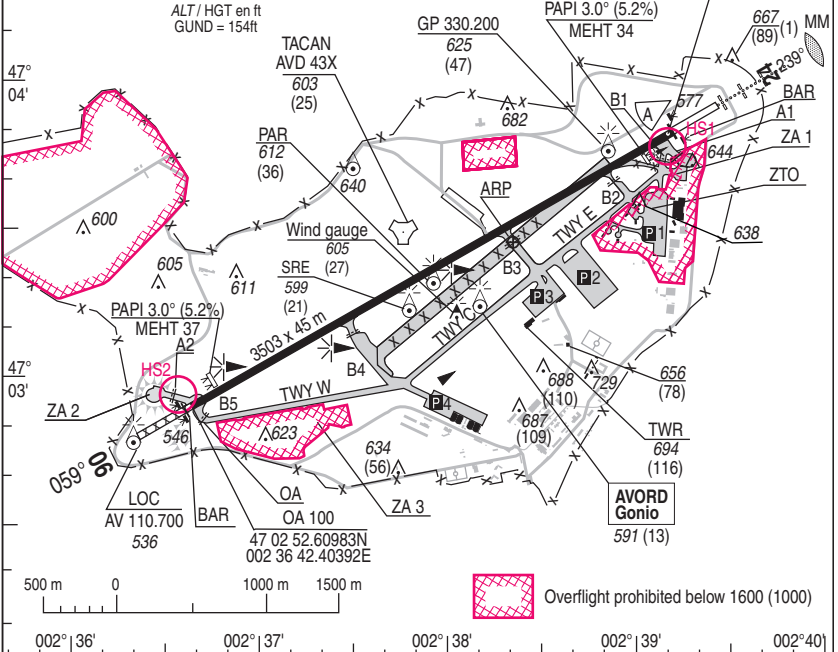
01 AVORD LFOA

ALT AD : 578 (21 hPa)

VAR : 1°E (20)

TYPE	LATITUDE	LONGITUDE
THR 06	47°02'52.61"N	002°36'42.40"E
THR 24	47°03'48.70"N	002°39'06.68"E

HS : HOT SPOT
See 01 B



 Overflight prohibited below 1600 (1000)

RWY	LIGHTING		DECLARED DISTANCES				Surface	Strength	MINIMUMS TKOF (RVR in m)			
	APPROACH	RWY	TORA	TODA	ASDA	LDA			CAT A. B. C		CAT D. E	
06	NIL	LIH	3503	3503	3903	3503	Paved					
24	LHI OTAN 900m	LIH	3503	3503	3503	3503	58 F/C/W/T	≥200		≥250		

OMNIDIRECTIONAL DEPARTURES

RWY06 (Alt THR : 546) : Climb **MT 059°** up to **1000** then direct route up to enroute safety level.
RWY24 (Alt THR : 577) : Climb **MT 239°** up to **7 AVD** then direct route up to enroute safety level.
 (1) Theoretical climb gradient, most penalizing obstacle: vegetation, 667ft at 667m from DER and 274m left of track.

MARKINGS - LIGHTING :

- HI line APP RWY 24 900m
- Wig-wag
- Red lights stopway
- Green lights (LED) U-turn
- Lights (LED) TWY and strips axis (RWY to P1 by B1, RWY to P2 by B3, RWY to P3 by B3, RWY to ZA3 by B5)

DIRCAM

47 03 25N - 002 38 20E

CHG : MNM TKOF.

01 AVORD LFOA

DV (Flight director) : 811.702.4054 or 02.48.68.40.54

USE RESTRICTIONS :

- AD forbidden to GAT and non radio equipped ACFT
- MIL : LDG are subjected to DV (flight director acceptance) previous day before 1700
- PPR NR must be written in the case 18 of FPL
- RWY24 Right hand turn
- Avoid fly over LFR-9. Follow TWR instructions when LFR-139, 142 & 149 are active
- LPV procedures activated if RVR < 1600m (see taxiing instructions and specificities on GMC)

OTHER INFORMATION :

- BAR (BLISS AERAZUR 2nd generation - F40 net type) for QFU 24

INSTRUCTIONS :

- For non based ACFT descent, climbing, APPROACH / APPROACH procedure & exercises flying in the associated aeronautical airspaces of AVORD are subjected to clearance of ESCA OPS supervisor (862.702.6239 or 02.45.41.44.00 extension 26239) or during day to the officer of the watch (811.702.7136 or 02.34.34.71.36). In this case the PPR APPROACH NR must be written in the case 18 of FPL
 - After omnidirectional DEP, plan MOTAL, NEV or LEMIN (first point of FPL route text field).
- For FPL with destination LFOA, pilots have to finish FPL route text field with MOTAL, NEV or LEMIN.

REFUELING :

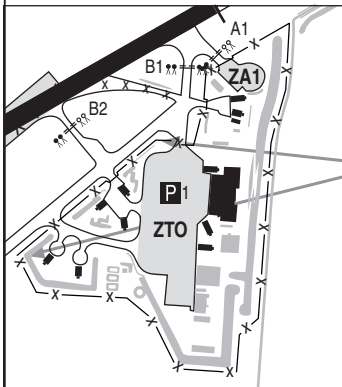
- F18 PN-7 days notice after written request - F34 - Oxygen

ATS HOR (Summer : -1H) :

- MON-THU : 0700-1600 (end of flight activity) - HN : O/R before 1500 and PPR before 1500
- FRI : 0700-1400 (end of flight activity)
- SAT, SUN, HOL : the last working day before 1300

DIRCAM

**GROUND TAXIING LIMITATIONS
TWY E**



TWY E fence

Distance between TWY center line and P1 fence : 29.70m
Height : 2.20m

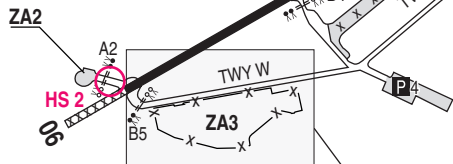
Authorized ACFT : Wingspan ≤ 45m

MAX speed : 15 KT



GROUND TAXIING LIMITATIONS B2 AND B4

- B2 : ACFT with code letter A and B
- B4 : ACFT with code letter A and E
- Holding bay B4 : ACFT with code letter A



CAUTION

HS : HOT SPOT
HS 1 : Many runway incursions from B1 to ZA1
HS 2 : Many runway incursions from ZA2 to TWY W

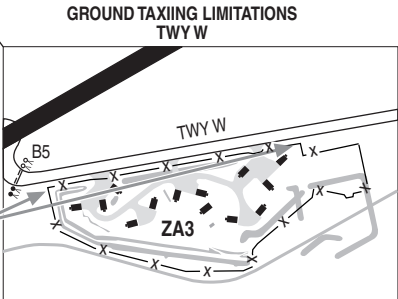
TWY W fence

Distance between TWY center line and ZA3 fence : 25.15m
Height : 2.20m

Authorized ACFT :

- ACFT with code letter A and B
- ACFT with code letter C with wingspan ≤ 35m
- E3F from EDCA 00.036 and C135 from GRV 02.091

MAX speed: 15 KT



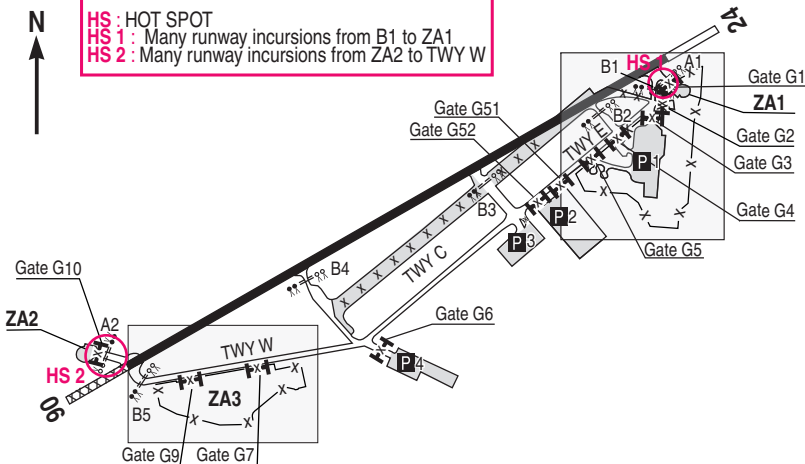
Overflight prohibited below 1600 (1000)

CAUTION

HS : HOT SPOT

HS 1 : Many runway incursions from B1 to ZA1

HS 2 : Many runway incursions from ZA2 to TWY W



OPERATING RESTRICTIONS RELATING TO GATES AND SERVICE LANES

Given the establishment of gates and fences protecting access to certain aprons, a majority of service lanes do not have regulatory clearances.

This non-compliance imposes ground taxiing restrictions on aircraft with larger wingspans than those stipulated in the table below

Gate	Operation requested (code letter)	Required width	Measured width	Operating restrictions
G1	D	67m	59m	Max. wingspan within D code : 44m
G2	A	24m	28m	NIL
G3	D	67m	60m	Max. wingspan within D code : 45m
G5	D	67m	60,3m	Max. wingspan within D code : 45m
G51	E	80m	79,15m	Max. wingspan within E code : 64m
G52	E	80m	79,05m	Max. wingspan within E code : 64m
G7	A	24m	23,65m	Max. wingspan within A code : 14,65m
G9	A	24m	20,4m	Max. wingspan within A code : 11,4m
G10	D	67m	71m	NIL

DIRCAM

RWY24 must be vacated at its extremity via B5.
 TWY B and B4 should be used only on specific control clearances.
 TWY B3 is usable for A330, A400M and C130 only (A330 cannot use TWY E and W, A400M and C130 cannot use TWY W).

Reporting points for departures from :

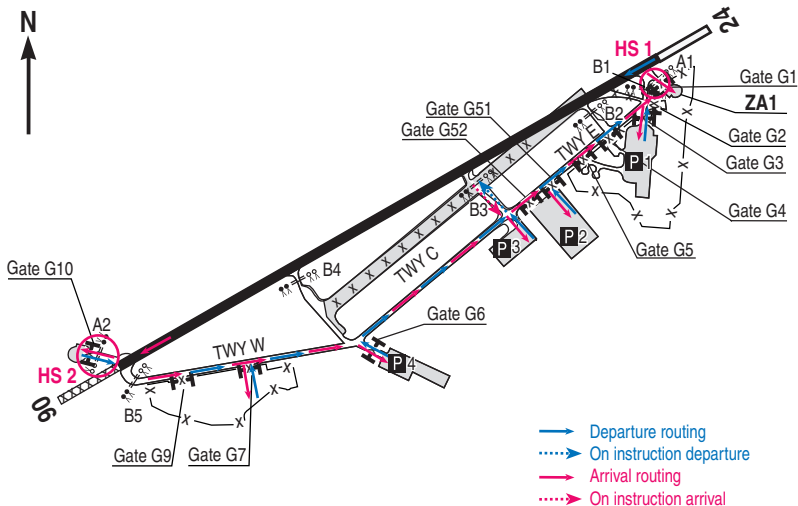
Apron → before each crossroads (intersection, strip, apron) → holding point

Once lined up, crew will report «breaks released»

After take-off, crew will report overhead LLZ

Reporting points for arrivals at :

Holding point → before each crossroads (intersection, strip, apron) → at apron



VISUAL ARR & DEP

ALT AD : 578 (21 hPa)

20 APR 2023

02 AVORD LFOA

JET RWY06 & 24

ATIS : 138.950 (1)

APP : 119.700 - 386.775 (1) - 373.775 (1) - 142.450

TWR : 122.100 - 142.225 (1) - 398.550 (1) - 257.800

(1) Reserved to MIL

FAF AD

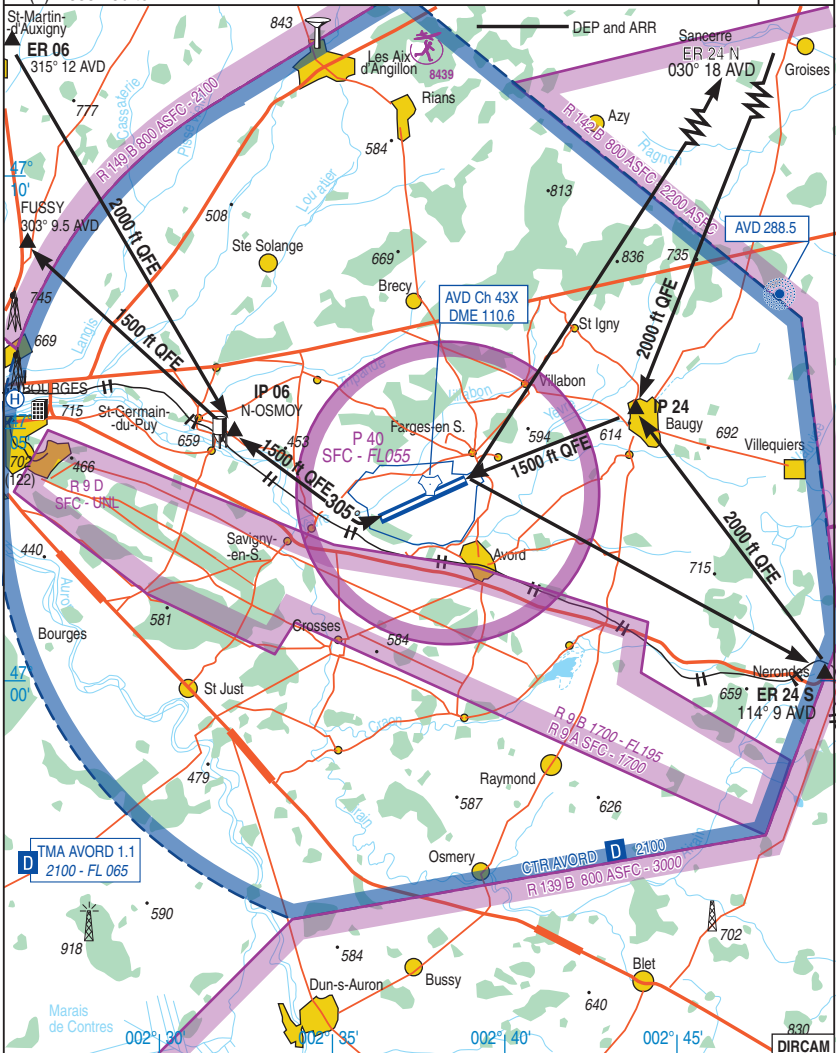
3 Km NNW from AVORD

TEL : 02.34.34.71.36 (Watch Officer)

VAR

1°E

(20)



JET RWY06 & 24

CHG : R 139 B, R 142 B

02 AVORD LFOA

VISUAL ARR & DEP INSTRUCTIONS RWY06 & RWY24

Airspace restriction :

Refer to AIP FRANCE or French Defense 1/1.000.000 aeronautical chart.

WARNING

Overflight conditions : AD located in prohibited area (P40). See AIP France.

The flight training school high activity needs a sky attentive surveillance.

Fly over of BOURGES & LF R 9 are forbidden .

Follow TWR clearance when areas : LFR 139 LFR 142 LFR 149 A (800 ft AGL to 1500 ft AGL) are active.

Fly over of ZTO, ZA2 (if active), ZA3 (if active), ZTNA, DVA and EPMu forbidden below 1000 FT AGL.

ARRIVAL

Radio contact 5 MIN before entry point

Fly the following entry points at 2000 FT QFE :

RWY06 ER 06 : 315°/12 NM TAC AVD - ST MARTIN D'AUXIGNY - **47°12'03"N 002°25'43"E**.**RWY24** ER 24 N : 030°/18 NM TAC AVD – SANCERRE - **47°18'29"N 002°51'57"E**.ER 24 S : 114°/9 NM TAC AVD - NERONDES - **46°59'24"N 002°49'46"E**.

Fly at 2000 FT IP 06 or IP 24.

IP 06 : OSMOY (grain silo) - **47°04'45"N 002°32'11"E**.IP 24 : BAUGY - **47°05'17"N 002°43'08"E**.

Fly break at 1500 FT QFE

RWY06 : break to left hand (**BEGIN DESCENT ONLY ON TURNING FINAL**)**RWY24** : break to right hand

NB : When school high activity RWY06, jet LDG are only performed on long final (GCA or VISUAL).

DEPARTURE**RWY06** : Climb to 1500 FT QFE & call back exiting area

N : SANCERRE (030°/18 NM TAC AVD)

S : NERONDES (114°/9 NM TAC AVD)

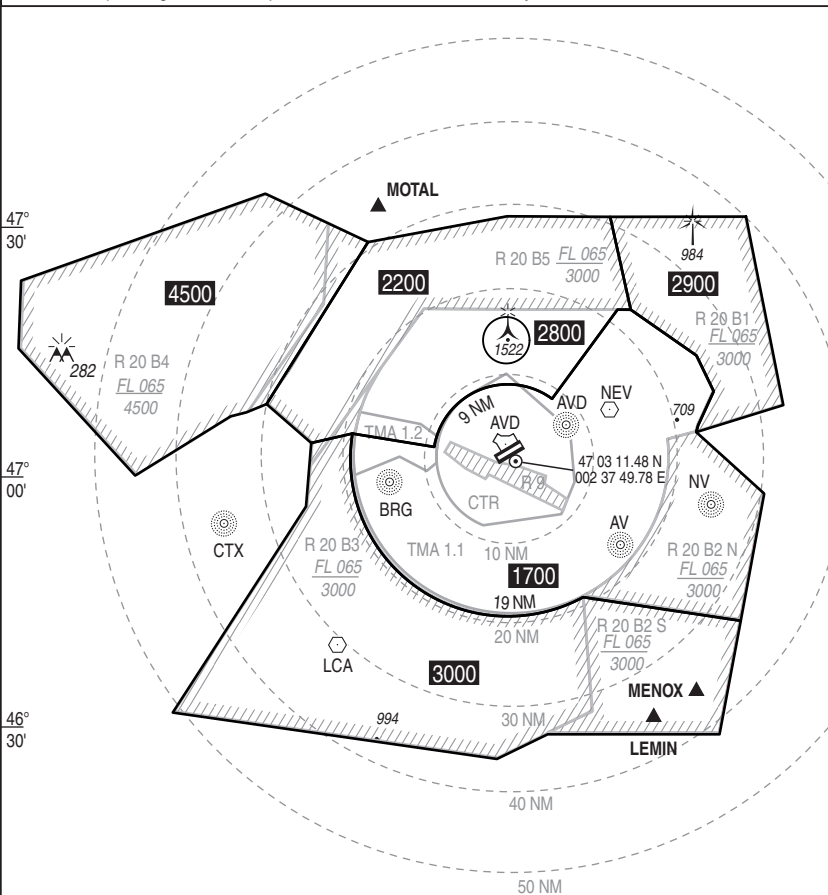
RWY24 : Climb straight ahead, after railways & before D 976 road turn right heading 305°, avoiding fly over R9 area & BOURGES.

Climb quickly to 1500 FT QFE call back exiting area (across FUSSY), 303°/9,5 NM AVD.

ATIS : 138.950 (1)
APP : AVORD APPROACH 119.700 - 373.775 (1) - 142.450
TWR : AVORD TWR 122.100 - 142.225 (1) - 398.550 (1) (1) Reserved to MIL

VAR
1°E
(20)

COMMUNICATION FAILURE : Apply french national regulation.
HMG corresponding to nominal operational mode of surveillance system.



The published minimum heights integrate a correction for low temperatures.

HGT AAL en ft

001° 30' 002° 00' 002° 30' 003° 00' 003° 30'

HMG CHG : R 20 B3. 04 AVORD LFOA DIRCAM

NATIONAL FRA INSTRUMENT APPROACH

ALT AD : 578 THR : 546

30 NOV 2023

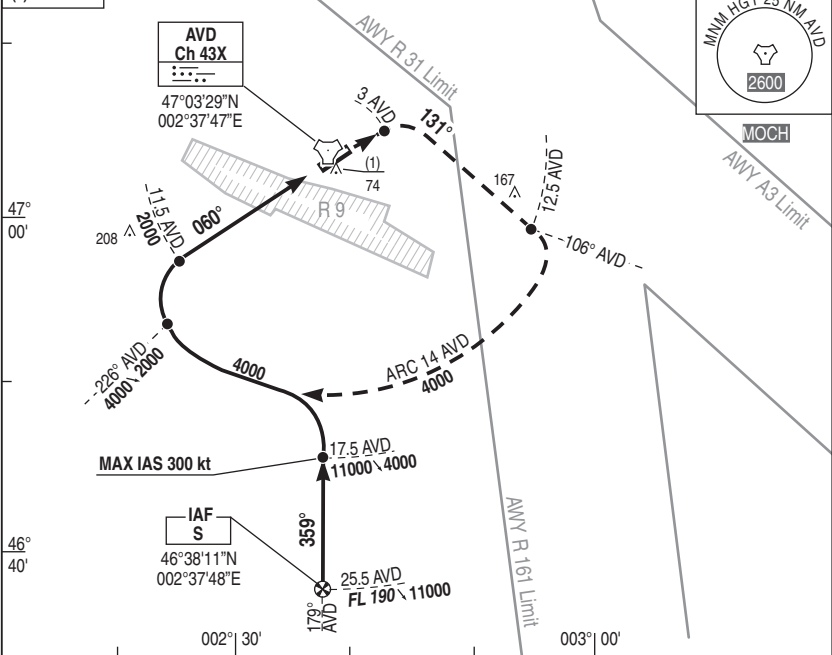
05 AVORD LFOA
TACAN «S» PAR RWY06

ATIS : 138.950 (1)
APP : 386.775 (1) - 373.775 (1) - 142.450
TWR : 142.225 (1) - 398.550 (1) Reserved to MIL

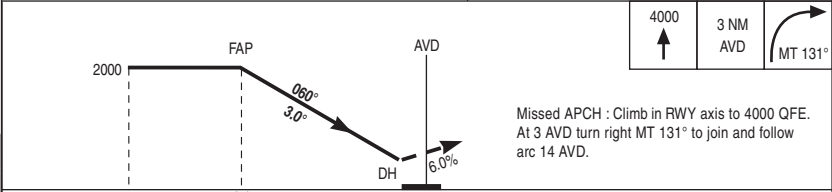
RDH : 49

VAR
1°E (20)

(1) OCH PAR



REF HGT : ALT THR in ft



→ THR (NM)
→ TAC (NM)

CAT	PAR		
	DH	RVR	OCH
A	250	1300	172 (1)
B			
C			
D			

Remarks : (1) Increased minimums.

DIRCAM

NATIONAL FRA INSTRUMENT APPROACH

06 AVORD LFOA TACAN «S» RWY06

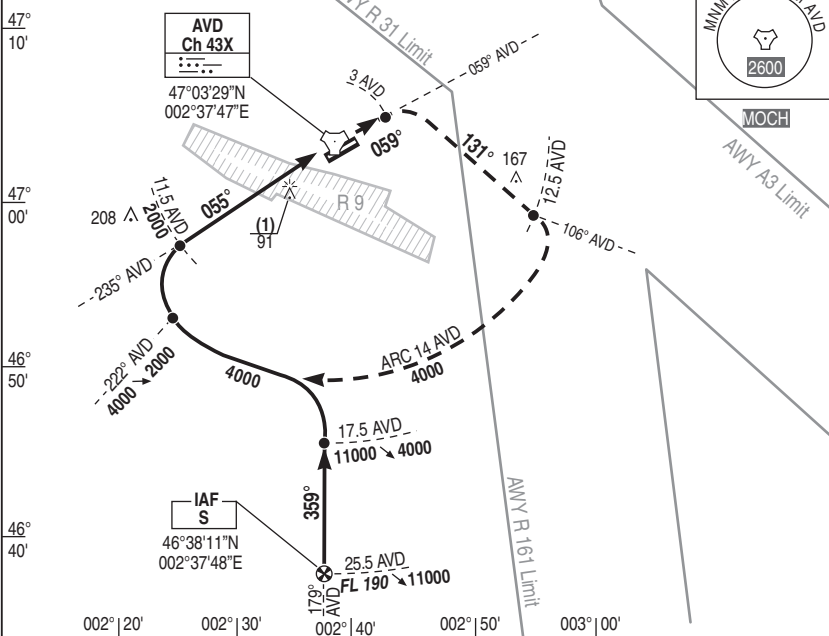
ALT AD : 578 THR : 546

25 FEB 2021

ATIS : 138.950 (1)
APP : 386.775 (1) - 373.775 (1) - 142.450
TWR : 142.225 (1) - 398.550 (1) Reserved to MIL

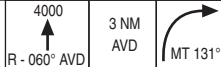
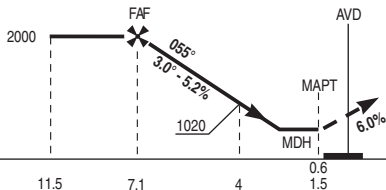
VAR
1°E (20)

(1) OCH TACAN



REF HGT : ALT THR in ft

FAT not in RWY axis



API : Climb RDL 059° AVD to 4000 QFE. At 3 AVD turn right MT 131° to join and follow arc 14 AVD.

CAT	TACAN			THR (NM)	TAC (NM)
	MDH	RVR	OCH		
A	340	1500	337		
B					
C					
D/E					

TACAN		7	6	5	4	3	2
NM		7	6	5	4	3	2
HGT		1980	1660	1340	1020	700	390

Remarks :

DIRCAM

TACAN «S» RWY06

CHG : VAR.

06 AVORD LFOA

NATIONAL FRA INSTRUMENT APPROACH

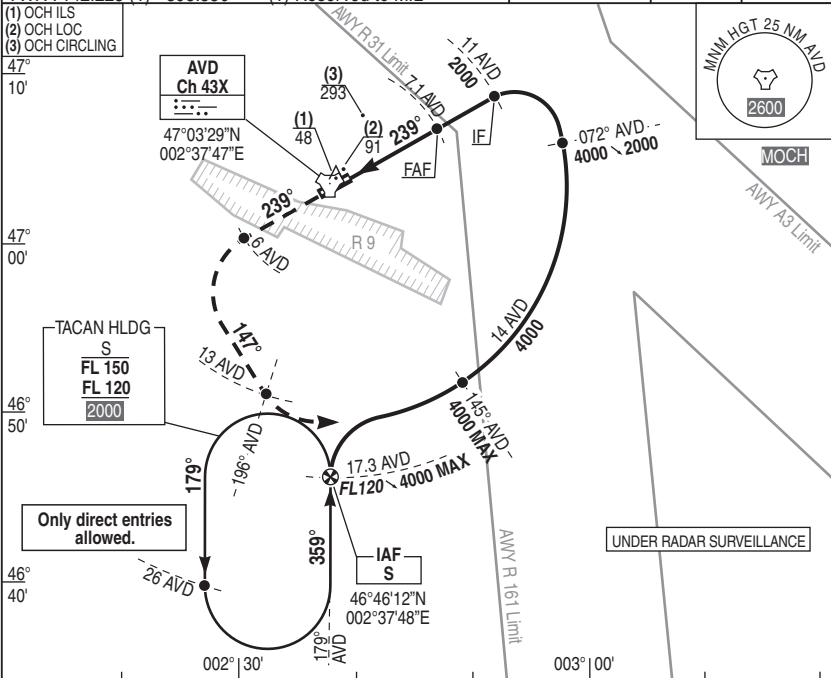
07 AVORD LFOA

ALT AD : 578 THR : 577

14 JUL 2022

HPMA TACAN «S» ILS or LOC RWY24

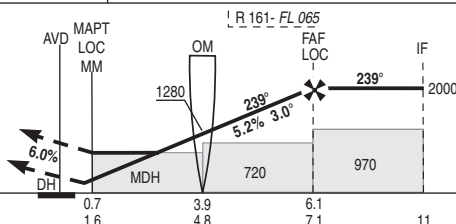
ATIS : 138.950 (1) APP : 386.775 (1) - 373.775 (1) - 142.450 TWR : 142.225 (1) - 398.550 (1) Reserved to MIL	ILS : AV 110.7 : : : -	RDH : 52	VAR 1°E (20)
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ILS True heading : 240.38° REF HGT : ALT THR in ft



Missed APCH : Climb straight ahead to 4000 QFE.
At 6 AVD turn left MT 147° to join 13 AVD / RDL 196° AVD and follow arc 14 AVD.



THR ← (NM)
DME TAC ← (NM)

CAT	ILS			LOC			CIRCLING			DME TACAN AVD					
	DH	RVR	OCH (1)	MDH	RVR	OCH	MDH	VIS	OCH	NM	6	5	4.8	4	3
A	250	800	147	340	800	337	590	1600	588	1660	1340	1280	1020	710	
B								1600							
C								2400							
D								3600							

Remarks : (1) Increased minimums. VSS checked.

DIRCAM

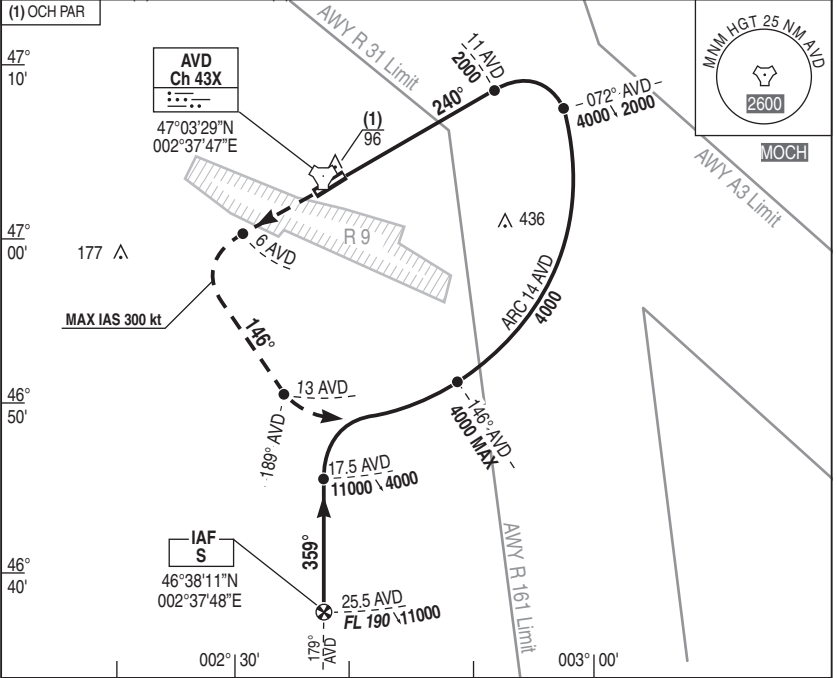
NATIONAL FRA INSTRUMENT APPROACH

ALT AD : 578 THR : 577

30 NOV 2023

08 AVORD LFOA
TACAN «S» PAR RWY24

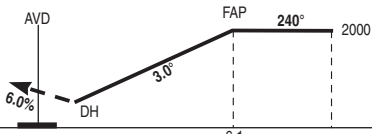
ATIS : 138.950 (1) APP : 386.775 (1) - 373.775 (1) - 142.450 TWR : 142.225 (1) - 398.550 (1) Reserved to MIL	RDH : 52	VAR 1°E (20)
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REF HGT : ALT THR in ft



Missed APCH : Climb straight ahead to 4000 QFE.
At 6 AVD turn left MT 146° to join and follow arc 14 AVD.



THR ← (NM)	← (NM)		
TAC ← (NM)		6.1	11
		7	

CAT	PAR		
	DH	RVR	OCH (1)
A	250	800	194
B			
C			
D			

Remarks : (1) Increased minimums. DIRCAM

TACAN «S» PAR RWY24 CHG : FAP. 08 AVORD LFOA

NATIONAL FRA INSTRUMENT APPROACH

ALT AD : 578 THR : 577

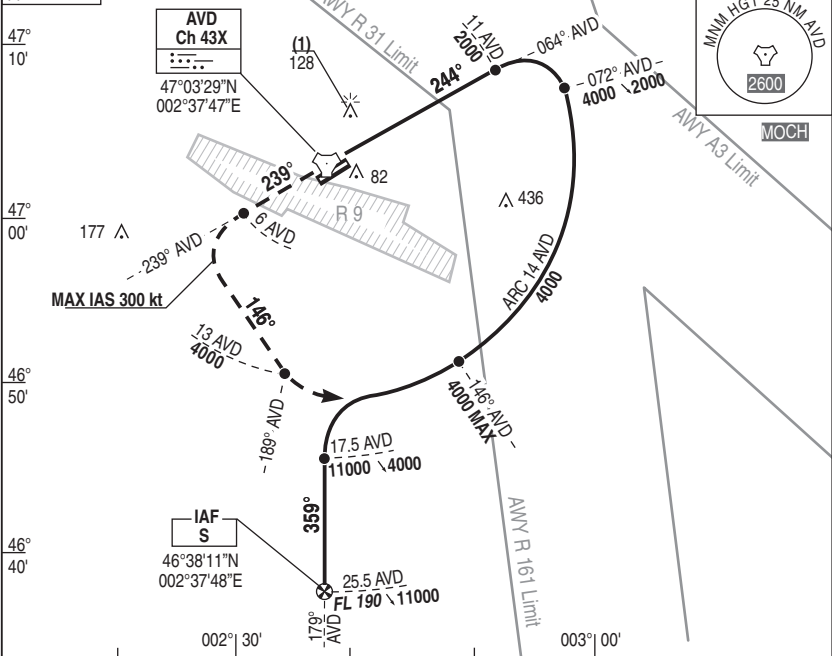
14 JUL 2022

09 AVORD LFOA
TACAN «S» RWY24

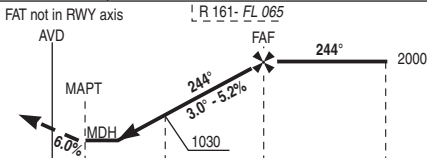
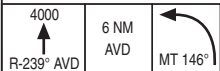
ATIS : 138.950 (1)
APP : 386.775 (1) - 373.775 (1) - 142.450
TWR : 142.225 (1) - 398.550 (1) Reserved to MIL

VAR
1°E (20)

(1) OCH TACAN



REF HGT : ALT THR in ft



API : Climb RDL 239° AVD to 4000 QFE.
At 6 AVD turn left MT 146° to join
and follow arc 14 AVD.

THR ← (NM)
TAC ← (NM)

CAT	TACAN		
	MDH	RVR	OCH
A	350	900	342
B			
C			
D/E			

TACAN	2	3	4	5	6	7
NM	2	3	4	5	6	7
HGT	390	710	1030	1350	1670	1980

Remarks :

DIRCAM

NATIONAL FRA
INSTRUMENT DEPARTURE

ALT AD : 578 THR : 546

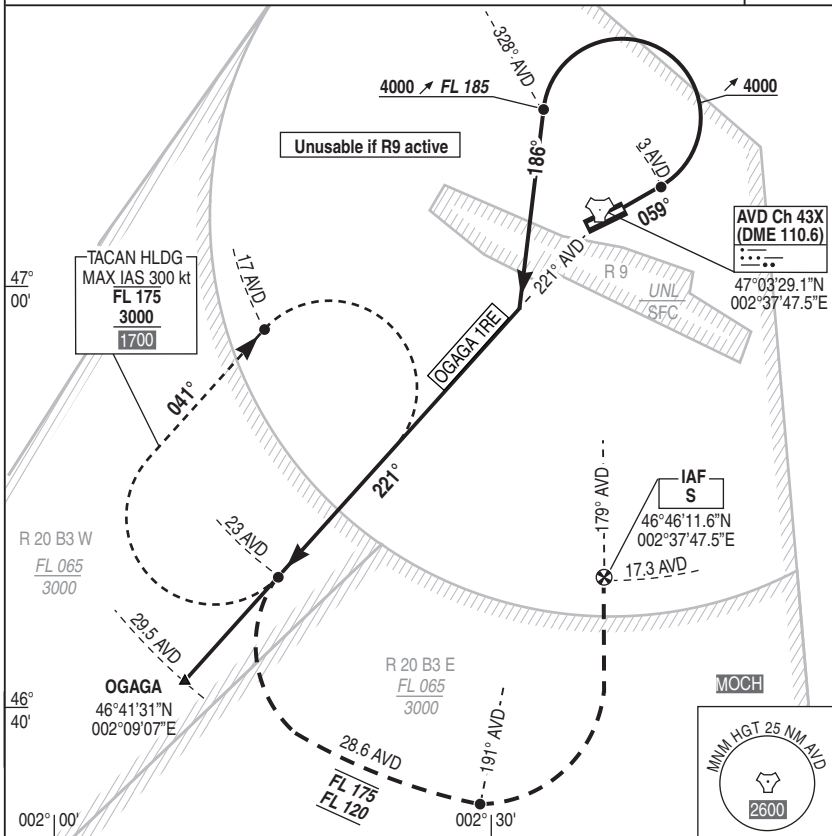
07 OCT 2021

SID 01 AVORD LFOA
DEPARTURE OGAGA 1RE RWY06

APP : 386.775 (1) - 373.775 (1) - 142.450

TWR : 142.225 (1) - 398.550 (1) Reserved to MIL

VAR
1°E (20)



REF HGT : ALT THR in ft

DEPARTURE OGAGA 1RE :

Climb MT 059°, up to 4000 QFE, at 3 AVD turn left MT 186° to intercept and follow RDL 221° AVD (MT 221°) to OGAGA, crossing RDL 328° AVD climb FL 185.

MISSED HANDOVER : Hold at 23 AVD.

On CLR : at 23 AVD, turn left to intercept and follow arc 28.6 AVD.

Crossing RDL 191° AVD, turn left to intercept and follow RDL 179° AVD (MT 359°) to IAF "S".

Communication failure : 7600 and apply french national regulation.

DIRCAM

DEPARTURE OGAGA 1RE RWY06

CHG : Revision.

SID 01 AVORD LFOA

NATIONAL FRA
INSTRUMENT DEPARTURE

ALT AD : 578 THR : 546

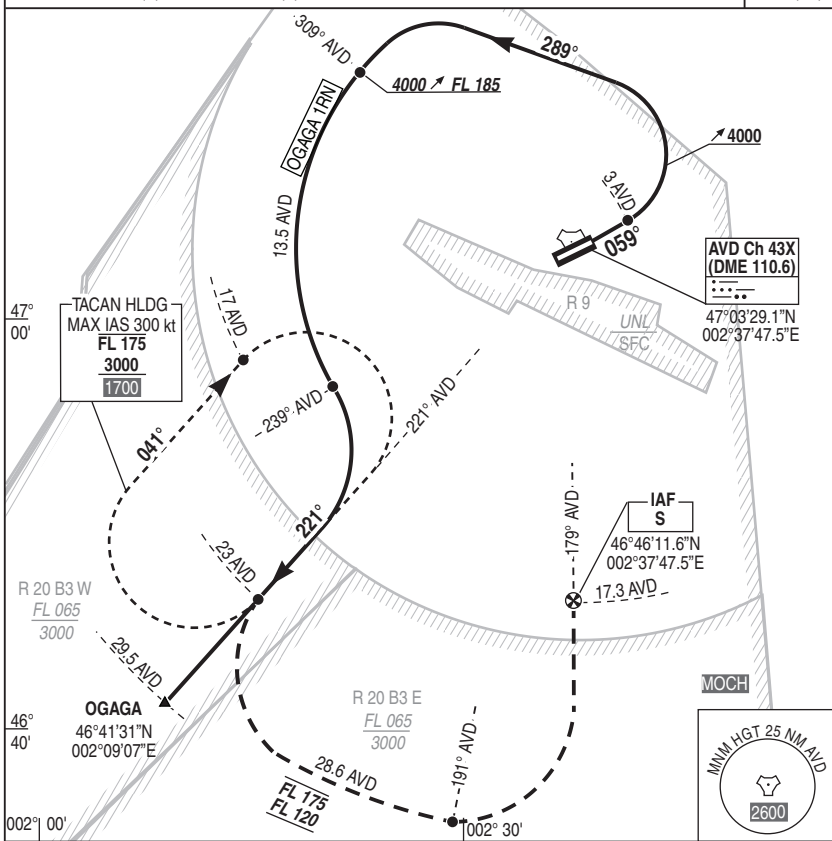
25 FEB 2021

SID 02 AVORD LFOA
DEPARTURE OGAGA 1RN RWY06

APP : 386.775 (1) - 373.775 (1) - 142.450

TWR : 142.225 (1) - 398.550 (1) Reserved to MIL

VAR
1°E (20)



REF HGT : ALT THR in ft

DEPARTURE OGAGA 1RN :

Climb MT 059°, up to 4000 QFE, at 3 AVD turn left MT 289° to intercept and follow arc 13.5 AVD.

Crossing RDL 309° AVD climb FL 185.

Crossing RDL 239° AVD turn right to intercept and follow RDL 221° AVD (MT 221°) to OGAGA.

MAX IAS 400 kt.

Mini gradient 8.75%.

MISSED HANDOVER : Hold at 23 AVD.

On CLR : at 23 AVD, turn left to intercept and follow arc 28.6 AVD.

Crossing RDL 191° AVD, turn left to intercept and follow RDL 179° AVD (MT 359°) to IAF "S".

Communication failure : 7600 and apply french national regulation.

DIRCAM

DEPARTURE OGAGA 1RN RWY06

CHG : VAR.

SID 02 AVORD LFOA

NATIONAL FRA
INSTRUMENT DEPARTURE

SID 03 AVORD LFOA
DEPARTURE OGAGA 1RW RWY24

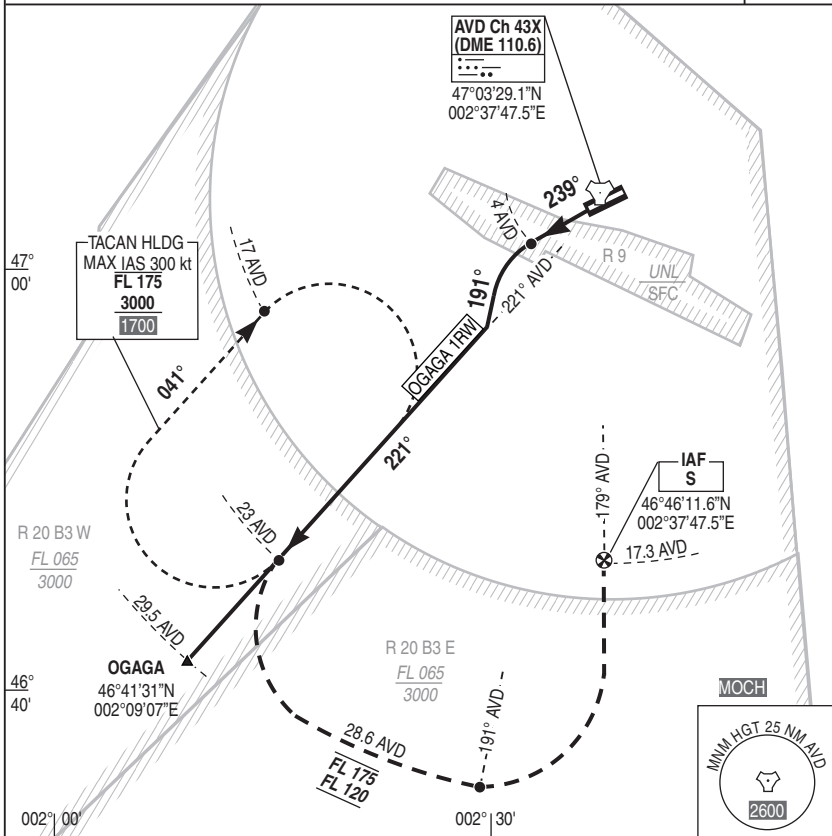
ALT AD : 578 THR : 577

25 FEB 2021

APP : 386.775 (1) - 373.775 (1) - 142.450

TWR : 142.225 (1) - 398.550 (1) Reserved to MIL

VAR
1°E (20)



REF HGT : ALT THR in ft

DEPARTURE OGAGA 1RW :

Climb MT 239°. At 4 AVD turn left MT 191° to intercept and follow RDL 221° AVD (MT 221°) to OGAGA.

MISSED HANDOVER : Hold at 23 AVD.

On CLR : at 23 AVD, turn left to intercept and follow arc 28.6 AVD.

Crossing RDL 191° AVD, turn left to intercept and follow RDL 179° AVD (MT 359°) to IAF "S".

Communication failure : 7600 and apply french national regulation.

DIRCAM

DEPARTURE OGAGA 1RW RWY24

CHG : VAR.

SID 03 AVORD LFOA