

CARTE D'AERODROME

Ouvert à la CAP
Public air traffic

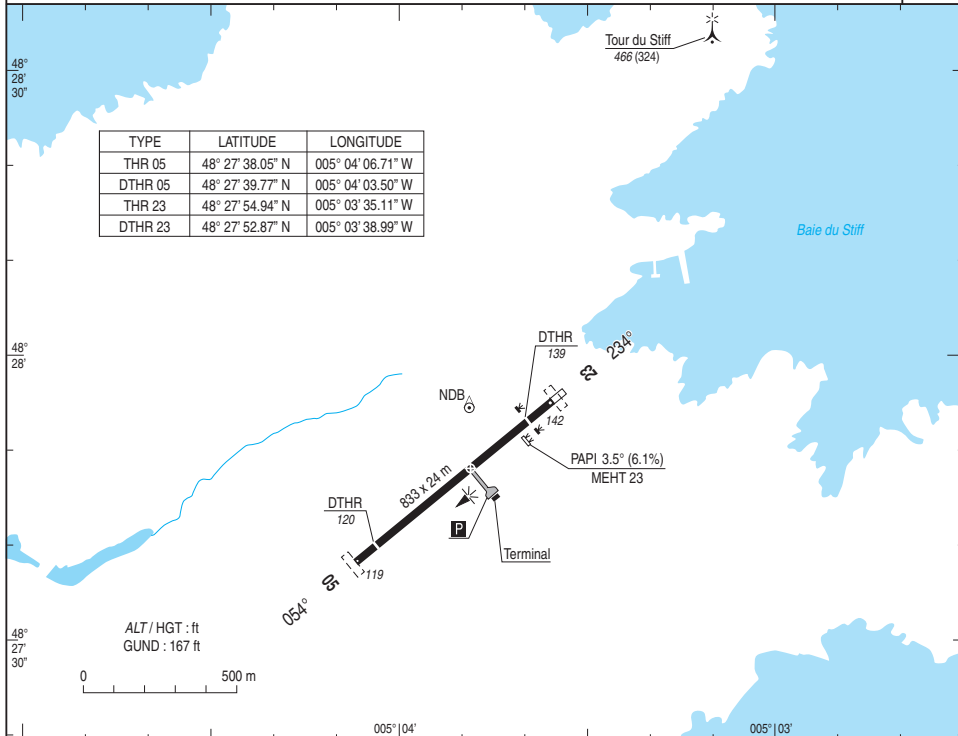
OUessant

Aerodrome chart
ALT AD : 142 (5 hPa)

48 27 48 N - 005 03 49 W

ATS : AFIS : LUN-VEN / MON-FRI : 0615-1030, 1400-1645 - SAM / SAT : 0615-1000 - DIM et JF / SUN and HOL : fermé / closed (ETE/SUM - 1 HR).
PPR la veille exclusivement pour vols commerciaux non programmés / the day before only for non scheduled commercial flights.
Aérodrome d'Ouessant ☎ 02 98 48 82 09.
AVT : NIL
Péril animalier / Wildlife strike hazard : Occasionnel / Random.

VAR
2°W
(15)



RWY	BALISAGE/Lighting		TORA	TODA	ASDA	LDA	NATURE Surface	RESIST. Strength	MINIMUM TKOF (RVR : m)	
	APCH	RWY							CAT A	CAT B
05	NIL	LIL	833	863	883	748	Revêtement Paved	5.7 t	600*	600*
23	NIL	LIL	833	863	833	730			600*	600*
* 800 m : HN ou/ou absence ATS										

CONSIGNES RECOMMANDEES POUR UN DEPART IFR / RECOMMENDED INSTRUCTIONS FOR IFR DEPARTURES

Voir / See AD 2 LFEC.22

BALISAGE / Lighting :
RWY 05/23 : Seuils et extrémités BL.
RWY 05/23 : DTHR and RWY ends LIL.

OBSERVATIONS / Remarks :
Voir / See AD 2 LFEC.20 a/to 23

DATA

QUESSANT

POINTS / REPERES ESSENTIELS DES PROCEDURES*Way-points / Procedures main fixes*

Identification	Coordonnées Coordinates	RNAV	CONV
EC401	48°30'06.5" N 005°06'40.8" W	x	
EC404	48°34'53.4" N 004°57'42.8" W	x	
EC406	48°32'33.0" N 004°54'53.4" W	x	
EC408	48°30'25.55" N 004°58'52.88" W	x	
EC410	48°26'00.1" N 005°07'09.7" W	x	
MATER	REF ENR 4.3	x	
RW23	48°27'52.87" N 005°03'38.99" W	x	
RW05	48°27'39.77" N 005°04'03.50" W	x	
IAF NDB OSA	REF AD 1.5		x
EC504	48°25'17.1" N 005°15'40.9" W	x	
EC506	48°22'57.0" N 005°12'51.0" W	x	
EC508	48°25'04.94" N 005°08'52.68" W	x	
EC510	48°29'32.4" N 005°00'32.6" W	x	

Données complémentaires à la page DATA 01

IDENTIFICATION	COORDONNEES	RNAV	CONV
MATER	48°26'54.0"N - 004°47'00.0"W	X	
IAF NDB OSA	48°27'54.8"N - 005°03'48.6"W		X

APPROCHE AUX INSTRUMENTS

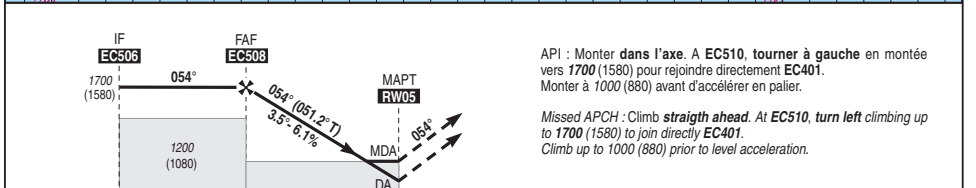
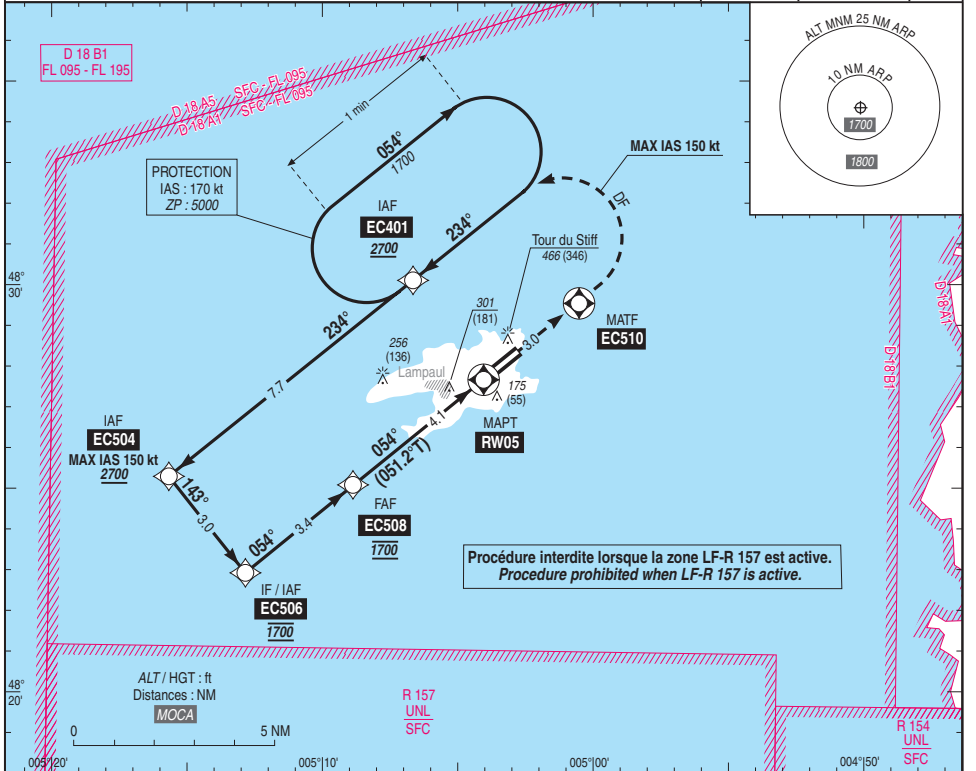
OUESSANT

Instrument approach
CAT A B

RNP RWY 05

ALT AD : 142, DTHR : 120 (5 hPa)

APP : NIL TWR : NIL AFIS : OUessant Information 118.1 (FR seulement / FR only) Absence ATIS : A/A FR seulement. Obtenir le QNH de Brest auprès de IROISE Information 135.825. A/A FR only. Obtain Brest QNH from IROISE Information 135.825.	RNP APCH	EGNOS Ch 53234 ED05A RDH : 49	VAR 2°W (15)
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MNM AD : distances verticales en pieds, RVR et VIS en mètres / vertical distances in feet, RVR and VIS in metres. REF HGT : ALT DTHR

CAT	LPV			LNAV			MVL / Circling (1)		DIST RW05					
	DA (H)	RVR	OCH	MDA (H)	RVR	OCH	MDA (H)	VIS	MDA (H)	VIS	1	2	3	4
A B	480 (360) 500 (380)	1500	360 375	560 (440)	1500	555	770 (650)	1500 1600	870 (750)	1500 1600	541 (421)	913 (793)	1285 (1165)	1656 (1536)

Observations / Remarks : (1) Circuits AD RWY 05 et 23 : interdit au Nord de la piste. / AD circuits RWY 05 and 23 prohibited North of the RWY.
 Panne de guidage GNSS lors de l'approche / Loss of GNSS guidance during approach : voir / see AIP ENR 1.5

FAF - MAPT	4.1 NM	70 kt 3 min 32	80 kt 3 min 05	90 kt 2 min 45	100 kt 2 min 28	110 kt 2 min 15	120 kt 2 min 04	130 kt 1 min 54	140 kt 1 min 46	150 kt 1 min 39	160 kt 1 min 33
VSP (ft/min)		430	500	560	620	680	740	810	870	930	990

RNP RWY05												
RIMK	Leg sequence	Path Terminator	Waypoint Identification	Fly Over	Direction MAG (°)	Direction True (°)	Distance (NM)	Turn direction	MAG VAR 2015 - 2,3°W		Ref/NAVAID	
									MNM Altitude (FL or AMSL ft)	MAX Altitude (FL or AMSL ft)	MAX IAS (kt)	Vertical angle (°) / TCH (m)
	HLDG		EC401									
		IF	EC401						2700			RNP APCH
	INA EC401	TF	EC504		234	231.2	7.7	L	2700	1700	150	RNP APCH
		TF	EC506		143	141.1	3.0	L	1700	1700		RNP APCH
	INA EC504	IF	EC504		234	231.2	7.7	L	2700	1700	150	RNP APCH
		TF	EC506		143	141.1	3.0	L	1700	1700		RNP APCH
		IF	EC506						1700	1700		RNP APCH
		TF	EC506		054	051.2	3.4		1700	1700		RNP APCH
	APCH	TF	RW05	Yes	054	051.2	4.1					RNP APCH
		TF	EC510	Yes	054	051.2	3.0	L				RNP APCH
		DF	EC401						1700		150	RNP APCH

Input data

Operation Type	0
SBAS Provider	1
Airport Identifier	LFEC
Runway	5
Runway Direction	0
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E05A
LTP/FTP Latitude	482739.7690N
LTP/FTP Longitude	0050403.5000W
LTP/FTP Ellipsoidal Height (metres)	87.5
FPAP Latitude	482814.1410N
Delta FPAP Latitude (seconds)	34.3720
FPAP Longitude	0050259.1780W
Delta FPAP Longitude (seconds)	64.3220
Threshold Crossing Height	15.00
TCH Units Selector	1
Glidepath Angle (degrees)	3.50
Course Width (metres)	105.00
Length Offset (metres)	952
HAL (metres)	40.0
VAL (metres)	50.0

Output data

Data Block	10 03 05 06 0C 05 00 00 01 35 30 05 F2 16 CC 14 A8 40 D3 FD 6B 17 88 0C 01 84 F6 01 2C 81 5E 01 64 77 C8 FA 7E 46 D4 D9
Calculated CRC Value	7E46D4D9

Required Additional Data

ICAO Code	EC
LTP/FTP Orthometric Height (metres)	36.6
FPAP Orthometric Height (metres)	36.6

APPROCHE AUX INSTRUMENTS

OUESSANT

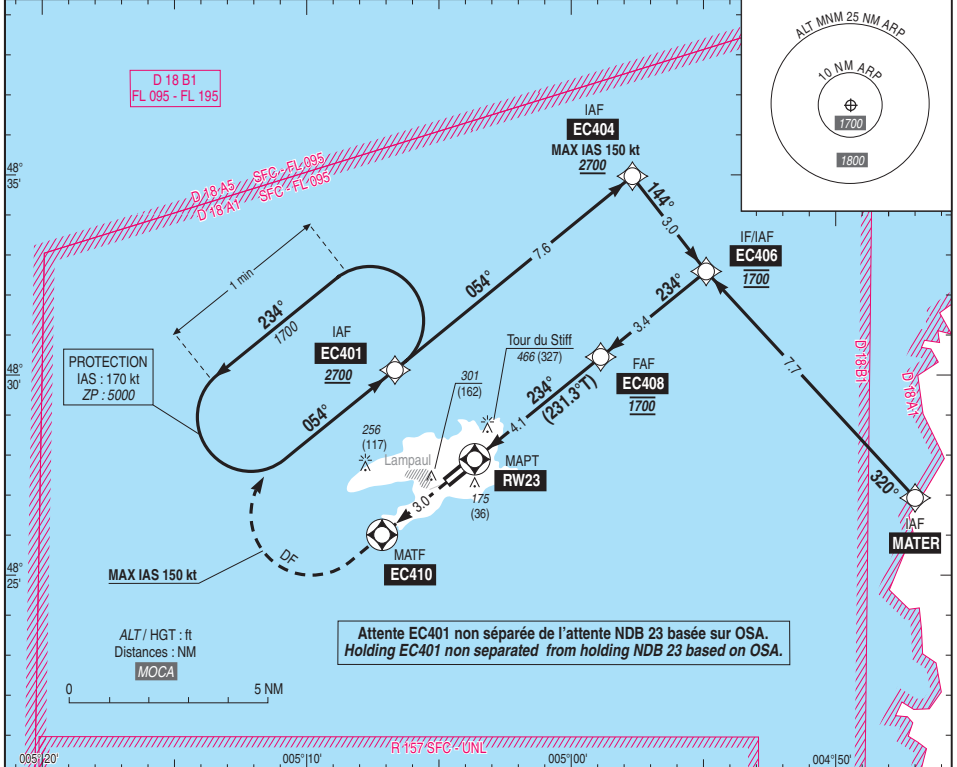
Instrument approach
CAT A B

RNP RWY 23

ALT AD : 142, **DTHR : 139 (5 hPa)**

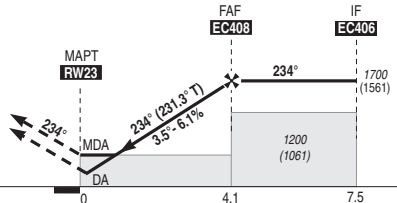
APP : NIL
TWR : NIL
AFIS : OUESSANT Information 118.1 (FR seulement / FR only)
Absence ATS : **A/A** FR seulement. Obtenir le QNH de Brest auprès de IROISE Information 135.825.
A/A FR only. Obtain Brest QNH from IROISE Information 135.825.

RNP APCH	EGNOS CH 53861	VAR 2°W
	E23A	(15)
	RDH : 49	



API : Monter dans l'axe. A EC410, tourner à droite en montée vers 1700 (1561) pour rejoindre directement EC401. Monter à 1000 (861) avant d'accélérer en palier.

Missed APCH : Climb straight ahead. At EC410, turn right climbing up to 1700 (1561) to join directly EC401. Climb up to 1000 (861) prior to level acceleration.



DTHR ← (NM)

MNMM AD : distances verticales en pieds, RVR et VIS en mètres / vertical distances in feet, RVR and VIS in metres.

REF HGT : ALT DTHR

CAT	LPV			LNAV			MVL / Circling (1)		DIST RW23					
	DA (H)	RVR	OCH	MDA (H)	RVR	OCH	MDA (H)	VIS	MDA (H)	VIS	1	2	3	4
A B	440 (300)	1400	279 294	720 (580)	1500	573	770 (630)	1500 1600	870 (730)	1500 1600	560 (421)	932 (793)	1304 (1165)	1675 (1536)

Observations / Remarks : (1) Circuits AD RWY 05 et 23 : interdit au Nord de la piste. / AD Circuits RWY 05 and 23 prohibited North of RWY.
Panne de guidage GNSS lors de l'approche / Loss of GNSS guidance during approach : voir / see AIP ENR 1.5

FAF - MAPT	4.07 NM	70 kt	80 kt	90 kt	100 kt	110 kt	120 kt	130 kt	140 kt	150 kt	160 kt
VSP (ft/min)		430	500	560	620	680	740	810	870	930	990

RNP RWY23												
RMK	MAG VAR 2015 2,3°W					Ref/NAVAID :						
	Leg sequence	Path Terminator	Waypoint Identification	Fly Over	Direction MAG (°)	Direction True (°)	Distance (NM)	Turn direction	MINM Altitude (FL or AMSL ft)	MAX IAS (kt)	Vertical angle (°) / TCH (m)	Nav Spec
	HLDG		EC401									
	INA WATER	IF	WATER		320	317.2	7.7	L	1700	1700		RNP APCH
		TF	EC406						2700			RNP APCH
	INA EC401	TF	EC404		054	051.2	7.6	R	1700	150		RNP APCH
		TF	EC406		144	141.3	3.0	R	1700			RNP APCH
	INA EC404	IF	EC404									RNP APCH
		TF	EC406		144	141.3	3.0	R	1700			RNP APCH
		IF	EC406						1700			RNP APCH
		TF	EC408		234	231.3	3.4		1700			RNP APCH
	APCH	TF	RW23	Yes	234	231.3	4.1				-3.5° / 15	RNP APCH
		TF	EC410	Yes	234	231.3	3.0	R				RNP APCH
		DF	EC401						1700	150		RNP APCH

Input Data

Parameters	Values
Operation Type	0
SBAS Provider	1
Airport Identifier	LFEC
Runway	23
Runway Direction	0
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E23A
LTP/FTP Latitude	482752.8670N
LTP/FTP Longitude	0050338.9885W
LTP/FTP Ellipsoidal Height (metres)	93.3
FPAP Latitude	482718.4870N
Delta FPAP Latitude (seconds)	-34.3800
FPAP Longitude	0050443.2940W
Delta FPAP Longitude (seconds)	-64.3055
Threshold Crossing Height	15.00
TCH Units Selector	1
Glidepath Angle (degrees)	3.50
Course Width (metres)	105.00
Length Offset (metres)	968
HAL (metres)	40.0
VAL (metres)	50.0

Output Data

Data Block	10 03 05 06 0C 17 00 00 01 33 32 05 46 7D CC 14 27 00 D4 FD A5 17 68 F3 FE 9D 09 FE 2C 81 5E 01 64 79 C8 FA 39 70 E6 10
Calculated CRC Value	3970E610

Required Additional Data (not CRC wrapped)

These additional data are not required for CRC calculation, but they need to be provided to datahouses for procedure coding in ARINC 424 records.

Parameters	Values
ICAO Code	EC
LTP/FTP Orthometric Height (metres)	42.4
FPAP Orthometric Height (metres)	42.4

APPROCHE AUX INSTRUMENTS

OUESSANT

Instrument approach

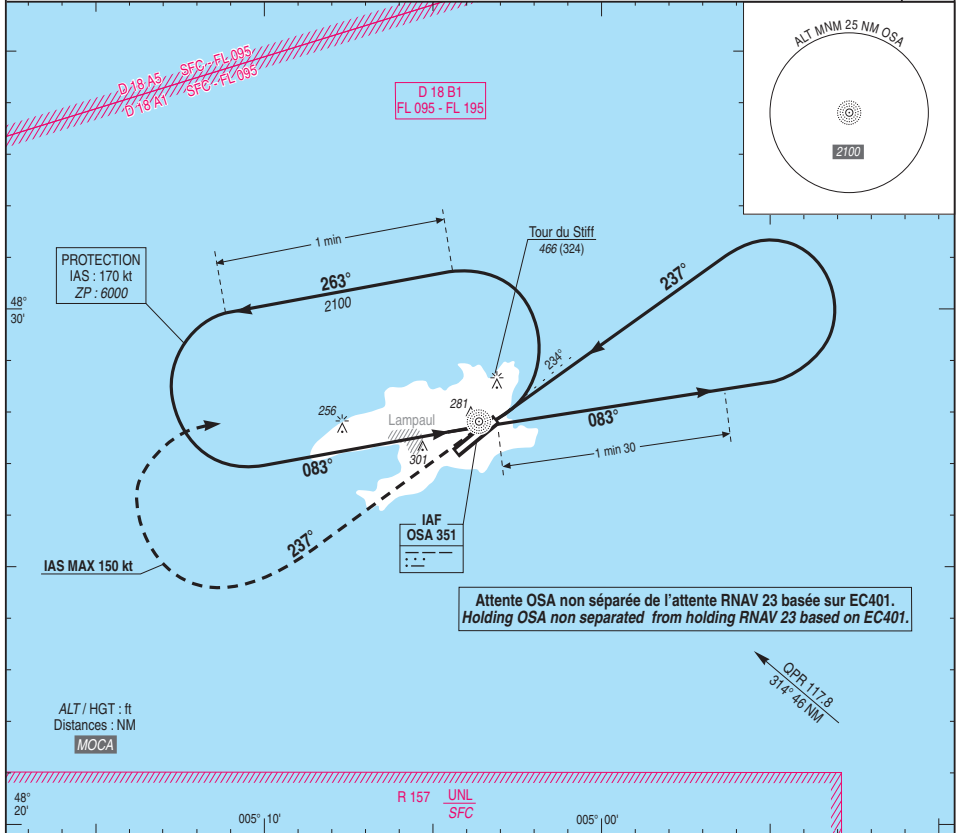
CAT A B

NDB RWY 23

ALT AD : 142 (5 hPa), DTHR : 139

APP : NIL
TWR : NIL
AFIS : OUESSANT Information 118.1 (FR seulement /FR only)
Absence ATS : AIA FR seulement. Obtenir le QNH de Brest auprès de IROISE Information 135.825.
AIA FR only. Obtain Brest QNH from IROISE Information 135.825.

VAR
2°W
(15)



API : Monter au QDR 237° de OSA (RM 237°). A 1400 (1258) tourner à droite vers OSA en montée vers 2100.
Ne pas tourner avant le MAPT.
Monter à 1400 (1258) avant d'accélérer en palier.

Missed APCH : Climb QDR 237° OSA (MAG 237°). At 1400 (1258) turn right to OSA up to 2100.
Do not turn before MAPT.
Climb to 1400 (1258) prior to level acceleration.

MNMB AD : distances verticales en pieds, RVR et VIS en mètres. /Vertical distances in feet, RVR and VIS in metres. REF HGT : ALT AD

CAT	NDB (1)			MVL / Circling (1)		MVL / Circling (1) absence ATS HJ seulement /only	
	MDA (H)	RVR	OCH	MDA (H)	VIS	MDA (H)	VIS
A	770 (630)	2900	623	770 (630)	2900	870 (730)	2900
B							

Observations /Remarks : (1) Circuits AD RWY 05 et 23 : interdits au Nord de la piste. / (1) AD circuits RWY 05 and 23 prohibited North of RWY.

