

GENERAL

Operational Hours

ATS Hours: H24

AD ADMIN Hours: Not published

Airport Information

RFF: Winter
CAT 7: 0445-2200
CAT 5: MON-FRI 2200-0445
Summer
CAT 7: 0400-2100
CAT 5: MON-FRI 2100-0400
Other times no CAT assured

Fuel: MON-FRI: 0400-2030‡, SAT/SUN 0400-1900‡;

PCN: RWY 07R/25L: 49/F/C/W/T

Customs: H24 (PPR 24HR)

Operation

Low Visibility Procedures

LVP in force when RVR below 800m or when ceiling is below 200m.

Only TWYs C and D AVBL during LVP.

Only one ACFT allowed on movement area.

RWY Restriction: Medium turnaround area MAX wheelbase 15m / 49ft.

TWY Restrictions

TWY E width 15m / 49ft.

TWY N, S width 7.5m / 25ft.

| TWY P: The windsock is an obstacle for code letter F ACFT.

Engine Test Area

All request for ENG tests are subject to a prior arrangement of the PCE and TWR.

ENG test in idle can be done at any parking stands.

ENG test with TKOF PWR must be done on the RWY THR. Contact PCE for planning.

From 2200-0500‡, only tests of ACFT to leave in commercial flight in the morning before 0600‡ are accepted.

Warnings

Area P112 located SW of AD.

Avoid overflying Brest, Gouesnou, Guipavas and Bohars.

AD likely to be covered with sea haze in a few minutes.

Aerobatic activity SR-SS located at vertical axis RWY 07R/25L with a length of 3000m / 9842ft centered on AD, between 2000ft AAL and FL065.

Wildlife strike hazard.

ARRIVAL**Speed**

MAX IAS 250KT below FL100.

Communication**COM Failure**

In case of MISAP

RWY 25L ILS/LOC:

Climb RWY HDG up to 1000ft, then turn right to GU climbing up to 2000ft.

Do not turn before MAPt.

Climb to 1500ft prior to level acceleration.

Arrival Procedure

ARR Note: ARR RWY 07R: Prohibited by night if PAPI unusable.

Non-standard GP Intercept Position on RWY 25L

GP intercepts RWY 25L at 320m / 1049ft after landing threshold.

Remaining DIST beyond GP is 2480m / 8137ft.

DEPARTURE**Take-off Minima**

RWY		25L	
All ACFT	ft - m/km	0 - 75R	-
RWY		07R	
A, B, C	ft - m/km	0 - 150R	-
D		0 - 200R	-

Speed

MAX IAS 250KT below FL100.

Communication**COM Failure**

VMC: Turn back and land at AD.

IMC: Continue flight to the TMA limits according to departure route, at the last assigned FL or, if unable to fly at the last assigned FL due to obstructions, fly at the first safe FL and then adhere to the FPL in force.

Departure Procedure**Intersection TKOF**

Intersection TKOF for code letter D, E and F ACFT from intersections of TWYs C and D prohibited.

Omnidirectional Departure Procedure

Usable with special CLR only.

RWY 25L: Climb straight up to 1000ft (CAT A and B ACFT) or 3000ft (CAT C and D ACFT) then proceed direct climbing up to ENRT safety ALT.

RWY 07R: Climb straight ahead up to 800ft, then proceed direct climbing up to ENRT safety ALT.

De-icing

0400-2230± 15 OCT - 15 APR

Effective 24-MAY-2018

17-MAY-2018

BES-LFRB

2-10

France Brest Bretagne

AGC

AFC

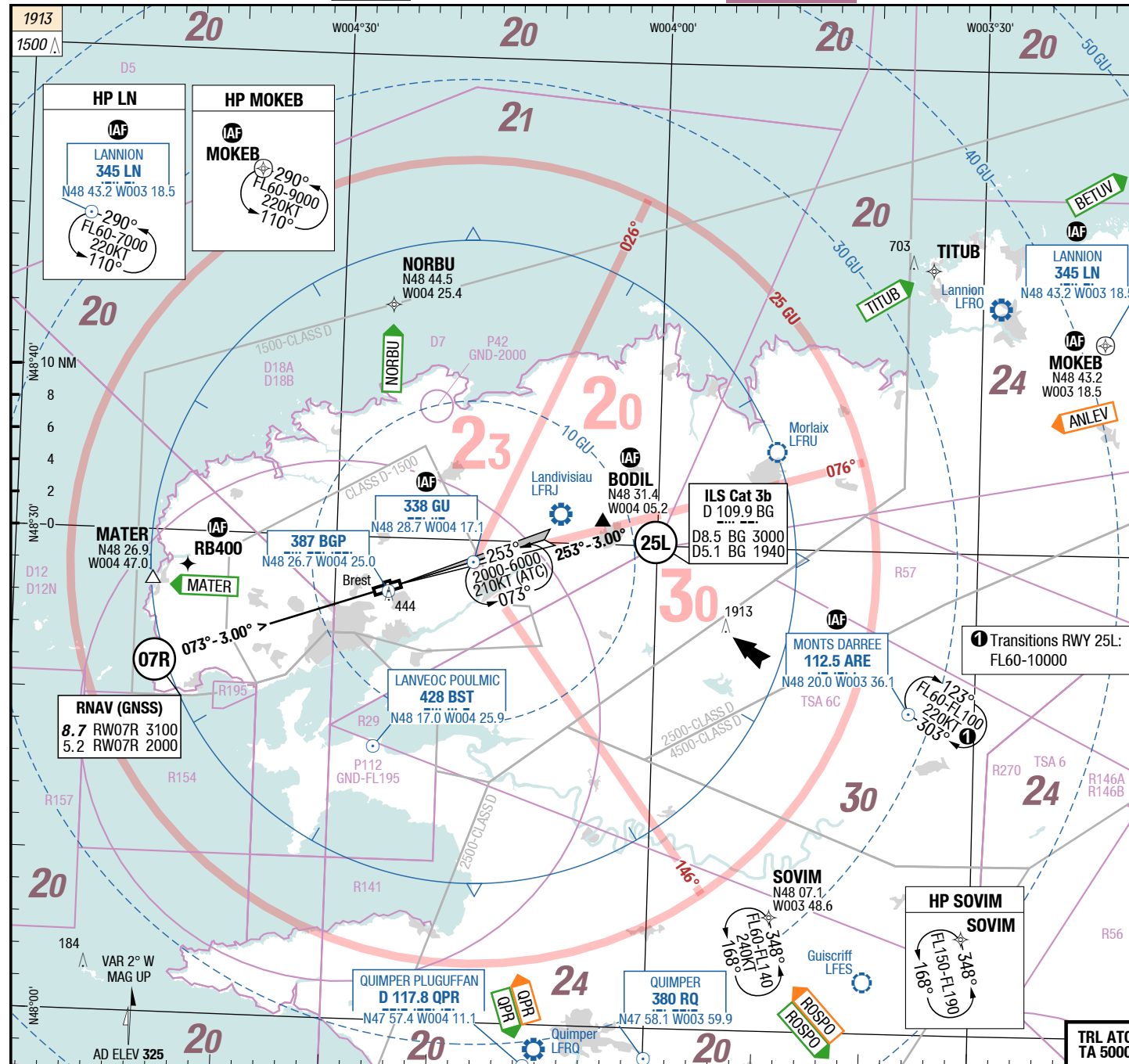
AFC

AFC

Bretagne Brest France

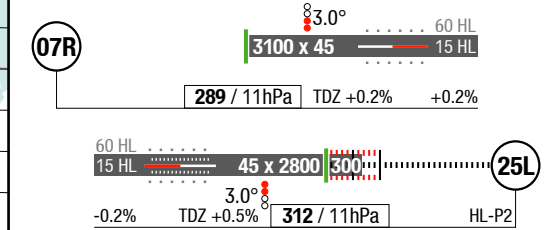
AGC

AFC



ATIS 129.350
Iroise APP 135.825
Landi APP 122.400
Bretagne TWR 119.700
120.100

Landing RWY system:



Changes: Nil

BES-LFRB

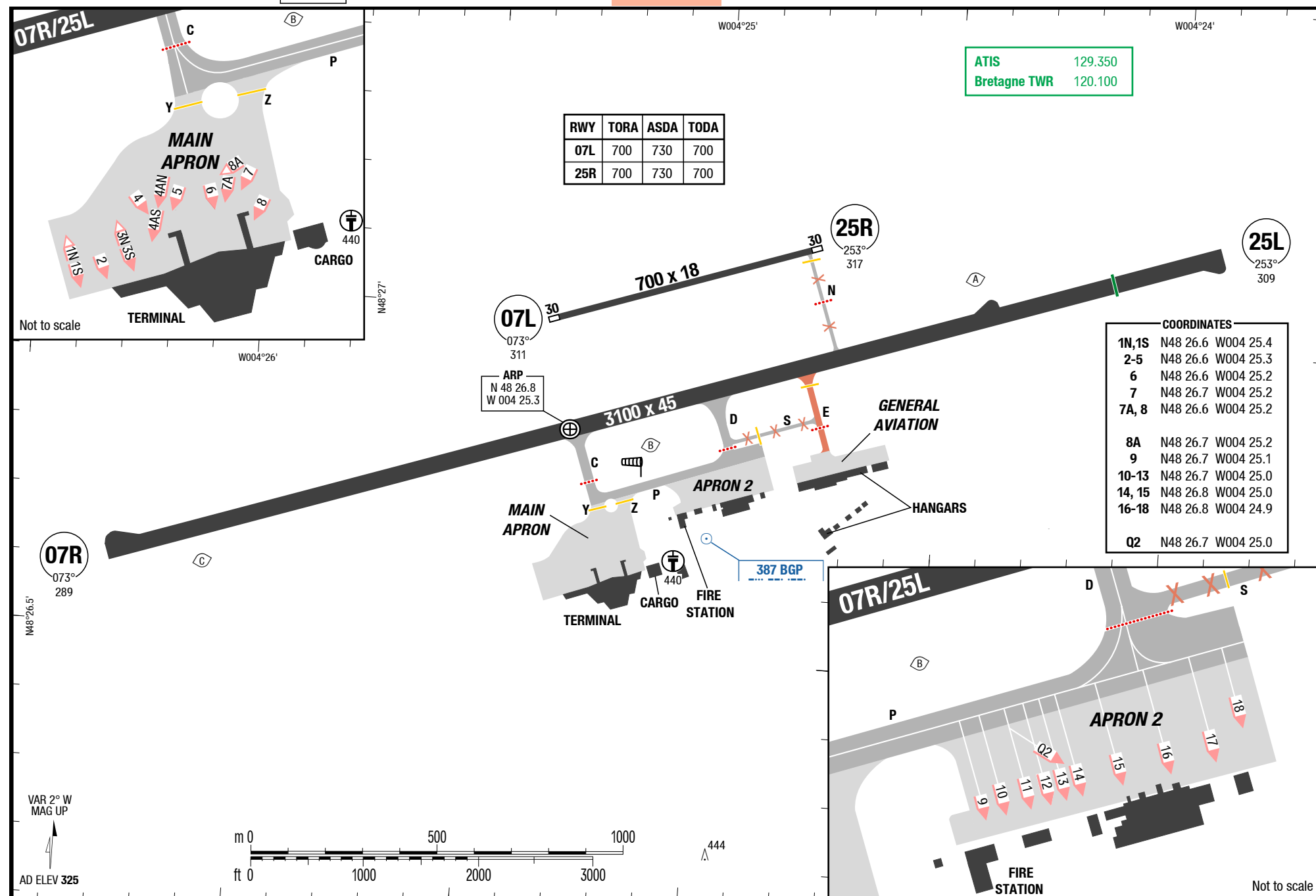
AGC

AGC

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3-20



Changes: HLDG POS

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BES-LFRB

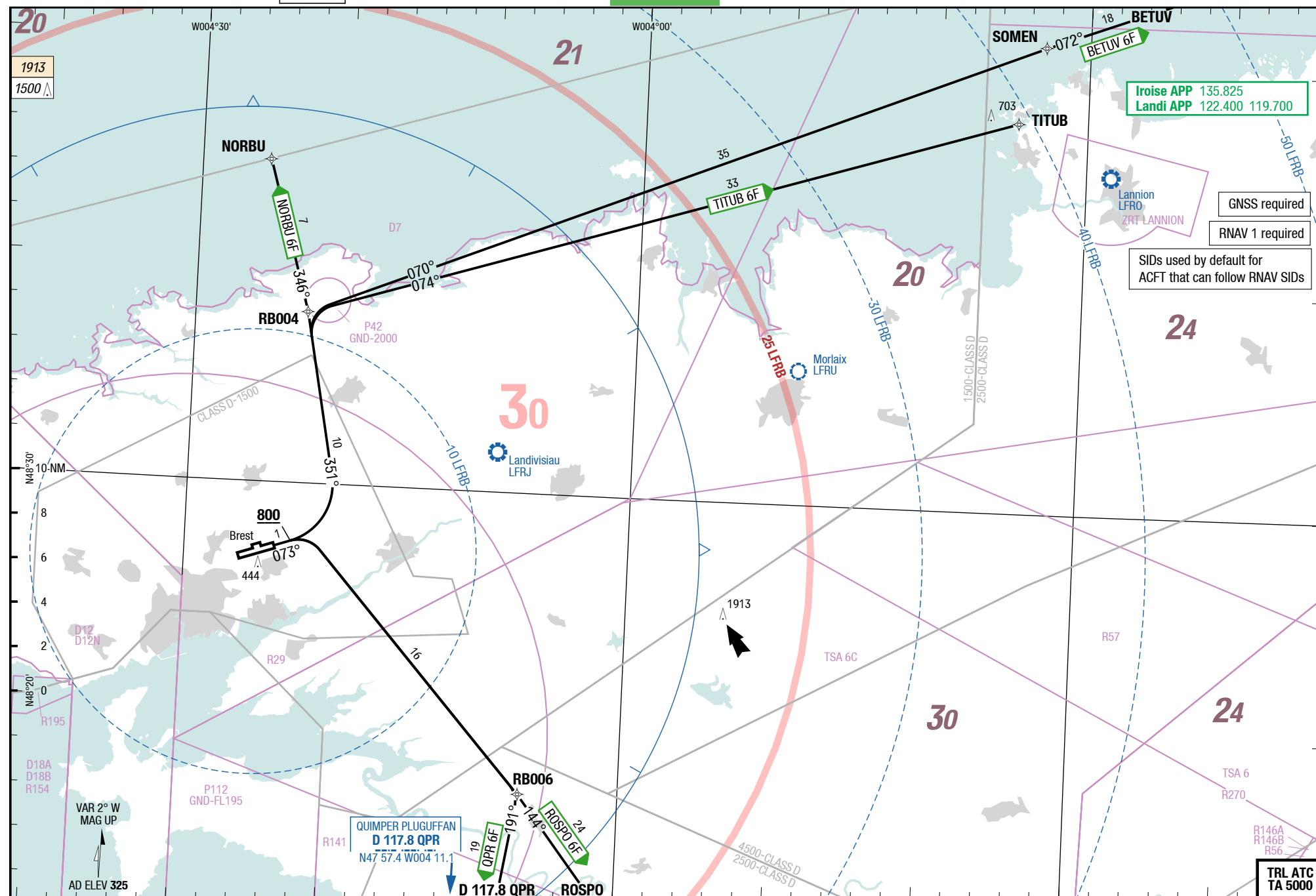
RNAV SIDs RWY 07R

SID

SID

RNAV SIDs RWY 07R

4-10



Changes: PROC, OBST, SUAs, Note, Editorial

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BES-LFRB

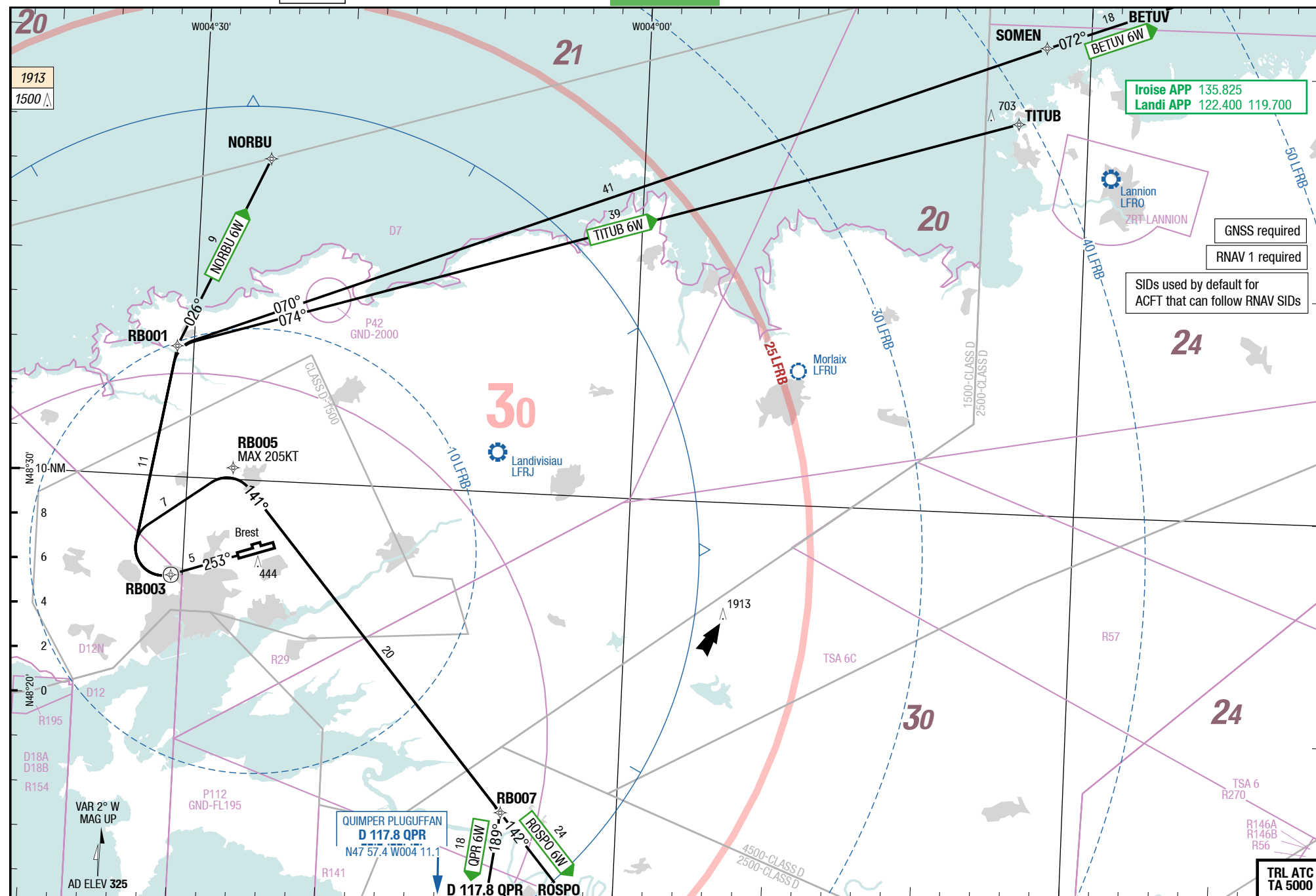
RNAV SIDs RWY 25L

SID

SID

RNAV SIDs RWY 25L

4-20



Changes: PROC, SUAs, Note, OBST

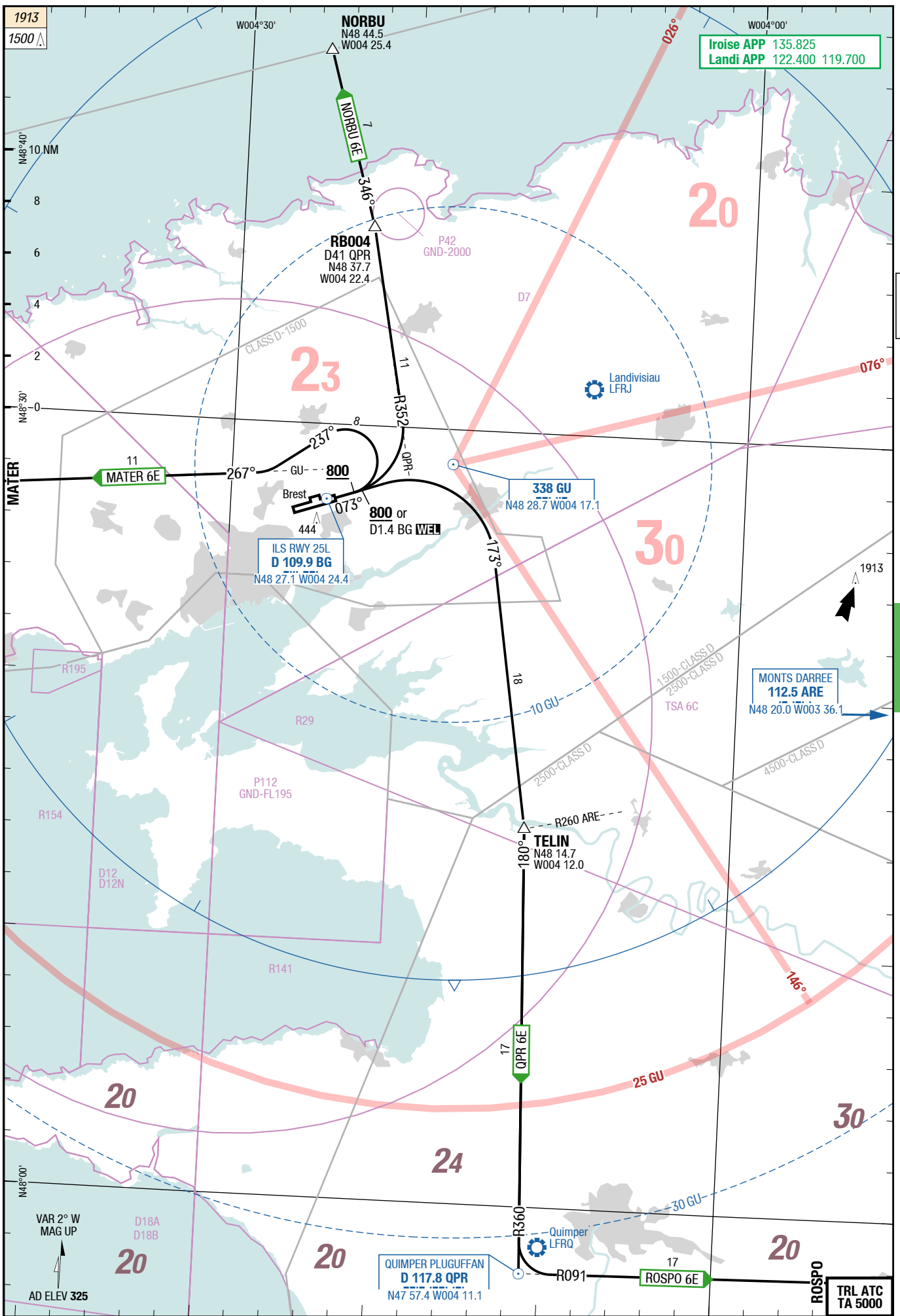
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17-AUG-2017
BES-LFRB

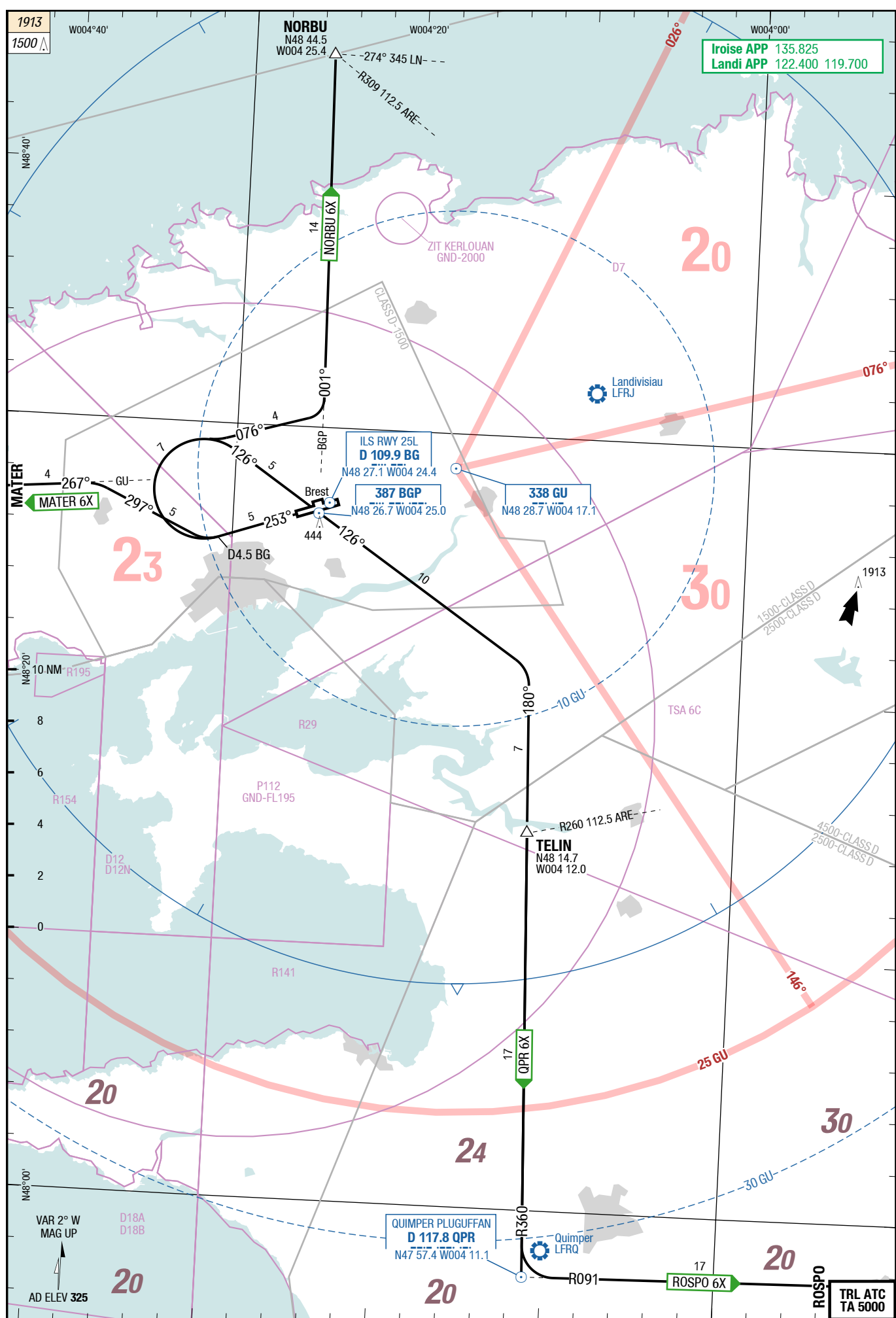
France Brest Bretagne
SIDS RWY 25L
SIDS RWY 07R

SID
SID

Bretagne Brest France
SIDS RWY 25L
SIDS RWY 07R



Changes: Track



Changes: Ni

BETUV 6F / NORBU 6F / OMNIDIRECTIONAL DEP / QUIMPER PLUGUFFAN 6F / ROSPO 6F / TITUB 6F

RWY 07R (073°)

	GS	120	150	180	210	240	270
3.5%	ft/MIN	500	600	700	800	900	1000
6.6%	ft/MIN	900	1100	1300	1500	1700	1900

DESIGNATOR	ROUTING	ALTITUDES
	Runway 07R	
BETUV 6F ①	[A800+] - RB004 - SOMEN - BETUV	
NORBU 6F ①	[A800+] - RB004 - NORBU	
OMNIDIRECTIONAL DEP (ATC) ①③	at 800 climb direct to MEA	
QUIMPER PLUGUFFAN 6F QPR 6F 6.6% to 2500 ①②	[A800+ ;R] - RB006 - QPR	
ROSP0 6F 6.6% to 2500 ①②	[A800+] - RB006 - ROSPO	
TITUB 6F ①	[A800+] - RB004 - TITUB	

- ① Obstacle slope: 3.5% due to Tree 345ft, located 392m away from DER, 102m left of RWY axis.
 ② Climb gradient due to ATS slope. If unable to comply, advise ATC on first contact.
 ③ Warning: P112 located SSW of aerodrome.

BETUV 6W / NORBU 6W / OMNIDIRECTIONAL DEP / QUIMPER PLUGUFFAN 6W / ROSPO 6W / TITUB 6W

RWY 25L (253°)

	GS	120	150	180	210	240	270
10.6%	ft/MIN	1300	1700	2000	2300	2600	2900

DESIGNATOR	ROUTING	ALTITUDES
	Runway 25L	
BETUV 6W	<u>RB003</u> [R] - RB001 - SOMEN - BETUV	
NORBU 6W	<u>RB003</u> [R] - RB001 - NORBU	
OMNIDIRECTIONAL DEP (ATC) ①	at 1000 (CAT A/B) or 3000 (CAT C/D) climb direct to MEA	
QUIMPER PLUGUFFAN 6W QPR 6W 10.6% to 4000 ②	<u>RB003</u> [R] - RB005 [K205-] - RB007 - QPR	
ROSP0 6W 10.6% to 4000 ②	<u>RB003</u> [R] - RB005 [K205-] - RB007 - ROSPO	
TITUB 6W	<u>RB003</u> [R] - RB001 - TITUB	

① Warning: P112 located SSW of aerodrome.

② Climb gradient due to ATS slope. If unable to comply, advise ATC on first contact.

17-AUG-2017

BES-LFRB

5-30

SIDs RWY 07R**SIDPT****MATER 6E / NORBU 6E / OMNIDIRECTIONAL DEP / QUIMPER PLUGUFFAN 6E / ROSPO 6E**
RWY 07R (073°)

	GS	120	150	180	210	240	270
3.5%	ft/MIN	500	600	700	800	900	1000
5.8%	ft/MIN	800	900	1100	1300	1500	1600

DESIGNATOR	ROUTING	ALTITUDES
	Runway 07R	
MATER 6E 3.5% ③	at MNM 800 LT 237° - intercept QDR 267 GU to MATER	
NORBU 6E 3.5% ③	at MNM 800 LT intercept R352 QPR to RB004 - NORBU	
OMNIDIRECTIONAL DEP 3.5% (ATC) ①③	at 800 climb direct to MEA	
QUIMPER PLUGUFFAN 6E QPR 6E 3.5% 5.8% to 3000 ②③	at MNM 800 or D1.4 BG , whichever is later, RT 173° - intercept R360 QPR via TELIN to QPR	
ROSP0 6E 3.5% 5.8% to 3000 ②③	at MNM 800 or D1.4 BG , whichever is later, RT 173° - intercept R360 QPR via TELIN to QPR - R091 QPR to ROSPO	

① Warning: P112 located SSW of aerodrome.

② Climb gradient 5.8% due to ATS slope. If unable to comply, advise ATC on first contact.

③ Theoretical climb gradient 3.5% due to tree 345ft located 392m/1286ft from DER, 102m/335ft left of RWY axis.

Changes: Track, Note

17-AUG-2017

BES-LFRB

5-40

SIDs RWY 25L**SIDPT****MATER 6X / NORBU 6X / OMNIDIRECTIONAL DEP / QUIMPER PLUGUFFAN 6X / ROSPO 6X**
RWY 25L (253°)

	GS	120	150	180	210	240	270
7.5%	ft/MIN	1000	1200	1400	1600	1900	2100

DESIGNATOR	ROUTING	ALTITUDES
	Runway 25L	
MATER 6X	at D4.5 BG RT 297° - intercept QDR 267 GU to MATER	
NORBU 6X 7.5% to 4000 ①	at D4.5 BG RT 076° - intercept QDR 001 BGP to NORBU	
OMNIDIRECTIONAL DEP (ATC) ②	at 1000 (CAT A/B) or 3000 (CAT C/D) climb direct to MEA	
QUIMPER PLUGUFFAN 6X QPR 6X 7.5% to 4000 ①	at D4.5 BG RT intercept QDM 126 BGP to BGP - QDR 126 BGP - intercept R360 QPR via TELIN to QPR	
ROSP0 6X 7.5% to 4000 ①	at D4.5 BG RT intercept QDM 126 BGP to BGP - QDR 126 BGP - intercept R360 QPR via TELIN to QPR - R091 QPR to ROSPO	

① Climb gradient due ATS slope. If unable to comply, advise ATC on first contact.

② Warning: P112 located SSW of aerodrome.

Effective 30-MAR-2017

23-MAR-2017

BES-LFRB

6-10

France **Brest** Bretagne

NIL

RNAV STARs

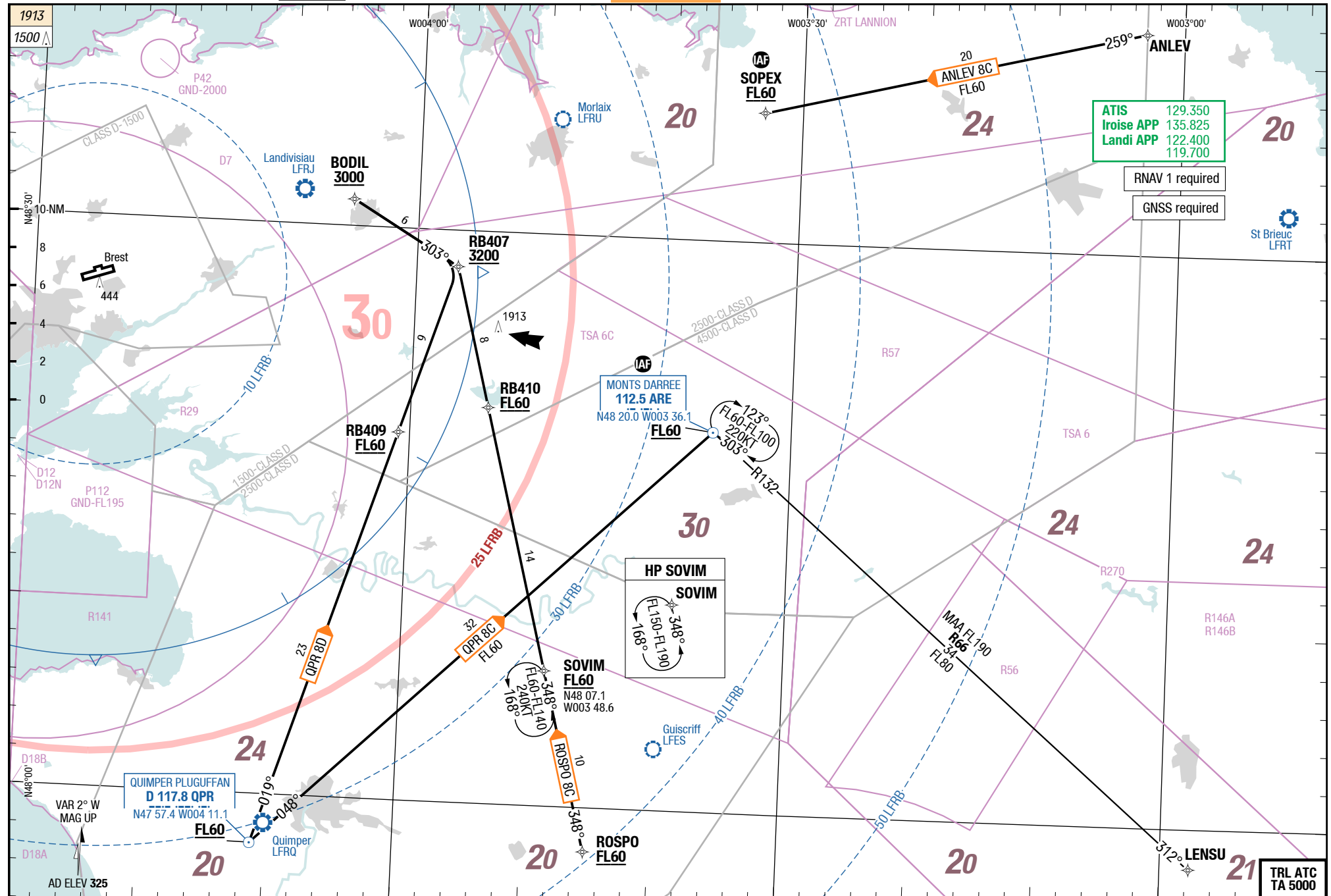
STAR

STAR

Bretagne **Brest** France

NIL

RNAV STARs



Changes: PROC, ALT, Note, HLDG, SUAs, AWY

Effective 30-MAR-2017

23-MAR-2017

BES-LFRB

7-10

France **Brest** Bretagne

Transitions 25L

RNAV Transitions 25L

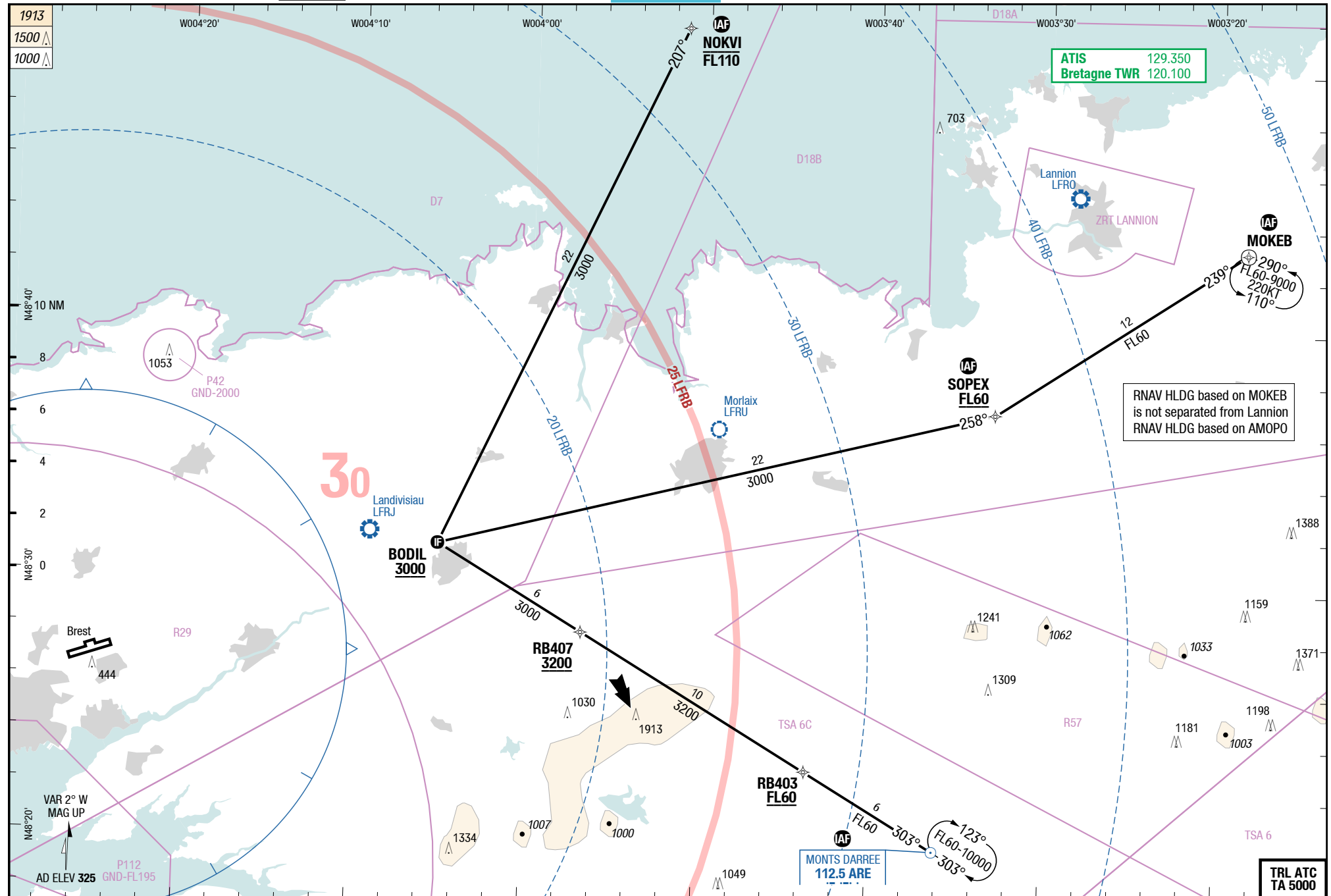
IAC

IAC

Bretagne **Brest** France

Transitions 25L

RNAV Transitions 25L



Changes: new

BES-LFRB

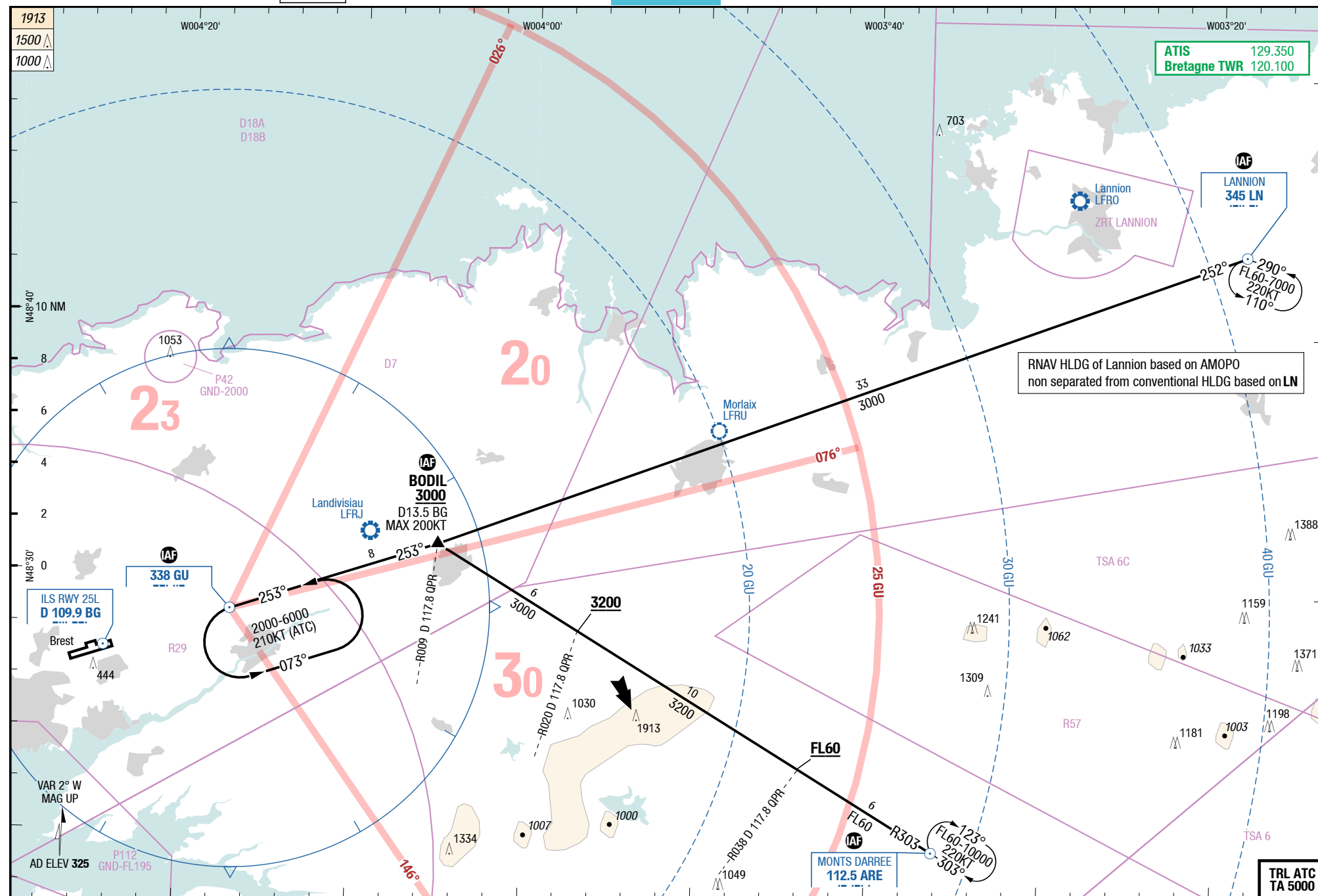
IAC

IAC

Transitions 25L

7-20

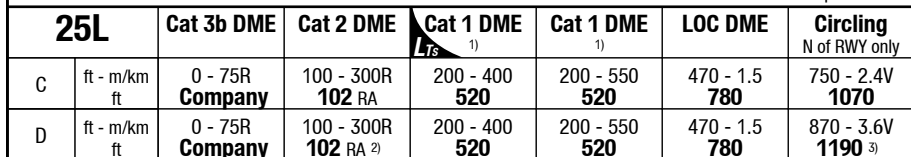
Transitions 25L



Changes: new

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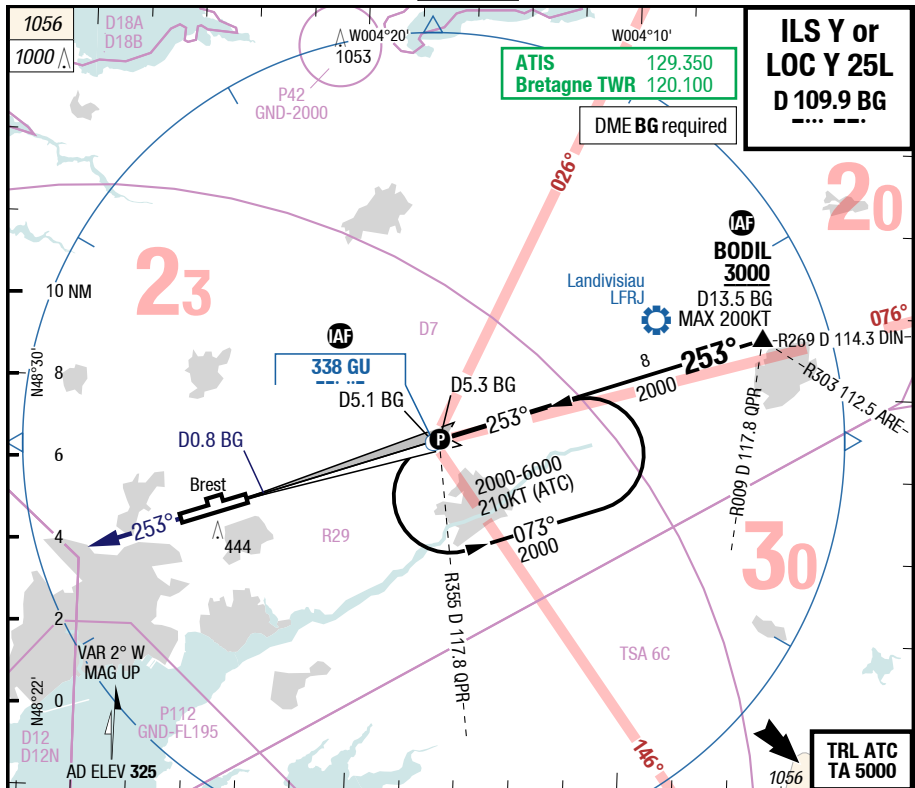
ILS Z or LOC Z 25L



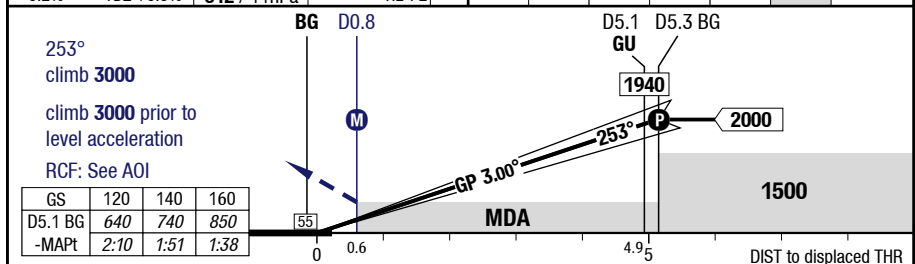
BES-LFRB

7-40

ILS Y or LOC Y 25L



60 HL	45 x 2800	300	25L	2	3	4	5	5.3	LOC 3.00°
15 HL				960	1280	1610	1930	2000	D BG
-0.2%	TDZ +0.5%	312 / 11hPa	HL-P2						



25L		Cat 3b DME	Cat 2 DME	Cat 1 DME <i>Lts</i> 1)	Cat 1 DME 1)	LOC DME	Circling N of RWY only
C	ft - m/km ft	0 - 75R Company	100 - 300R 102 RA	200 - 400 520	200 - 550 520	470 - 1.5 780	750 - 2.4V 1070
D	ft - m/km ft	0 - 75R Company	100 - 300R 102 RA 2)	200 - 400 520	200 - 550 520	470 - 1.5 780	870 - 3.6V 1190 3)

1) With EVS 350m

2) If not conducting autoland RVR 350m required

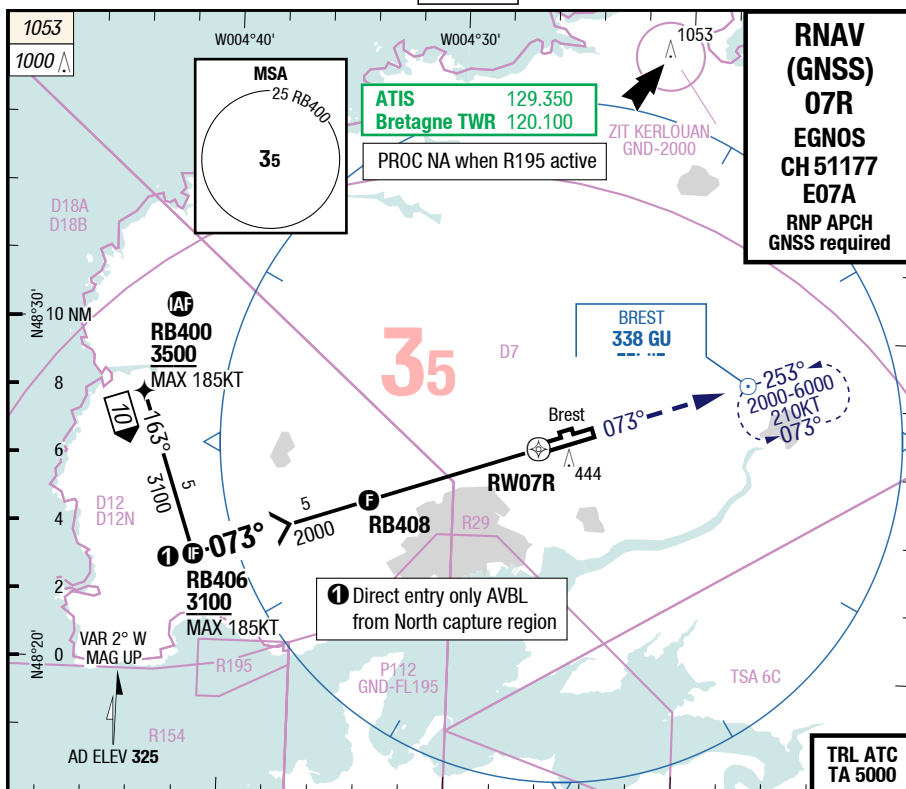
3) MAX KIAS 161

Changes: Completely revised

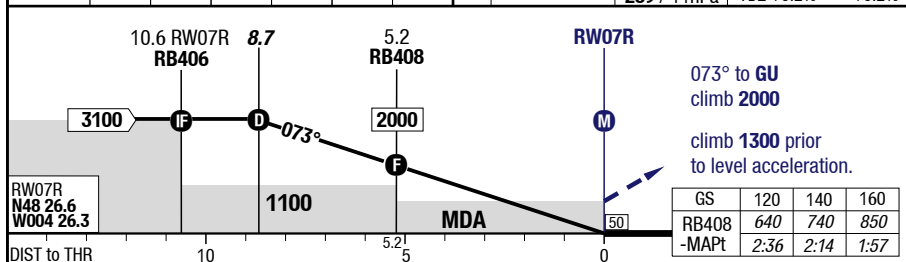
BES-LFRB

7-50

RNAV (GNSS) 07R



3.00° RW07R	8.7	7	5	4	3	2	07R	3.0°	60 HL
	3100	2570	1940	1620	1300	980		3100 x 45	15 HL
289 / 11hPa TDZ +0.2% +0.2%									



07R	RNAV GNSS LPV 1) 2)	RNAV GNSS VNAV 1) 3) 4)	RNAV GNSS LNAV 1)	Circling N of RWY only
C	ft - m/km ft 310 - 1.4 590	380 - 1.7 660	380 - 1.7 660	600 - 2.4V 930
D	ft - m/km ft 310 - 1.4 590	380 - 1.7 660	380 - 1.7 660	700 - 3.6V 1030

1) HN NA when VGSI inop

2) With EVS 900m

3) Uncompensated BARO VNAV NA below -15°C (5°F)

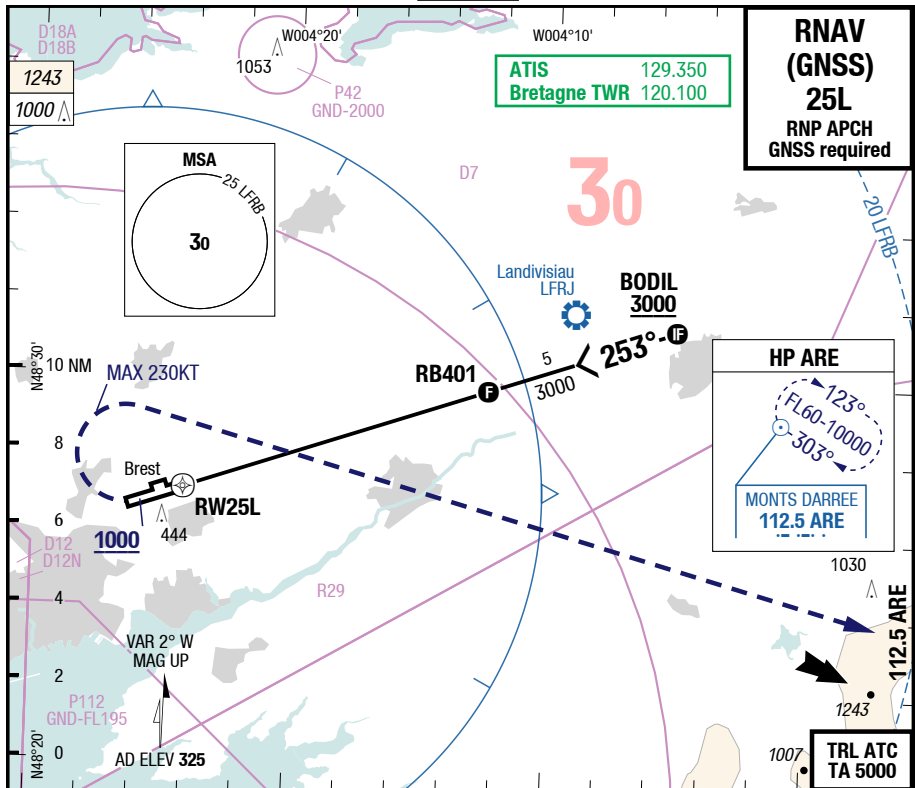
4) With EVS 1.1km

Changes: Nil

BES-LFRB

7-60

RNAV (GNSS) 25L



25L		RNAV GNSS VNAV 1) 2)	RNAV GNSS LNAV	Circling N of RWY only	
C	ft - m/km ft	320 - 750 630	470 - 1.5 780	750 - 2.4V 1070	
D	ft - m/km ft	320 - 750 630	470 - 1.5 780	870 - 3.6V 1190	

1) Uncompensated BARO VNAV NA below -15°C (5°F)

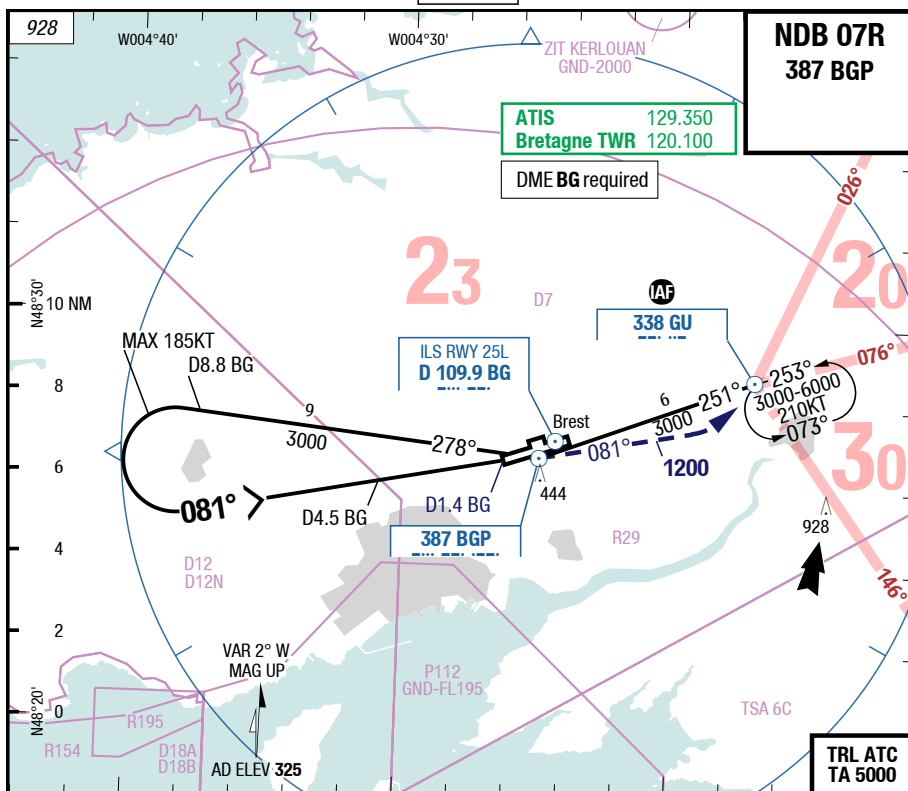
2) With EVS 500m

Changes: Completely revised

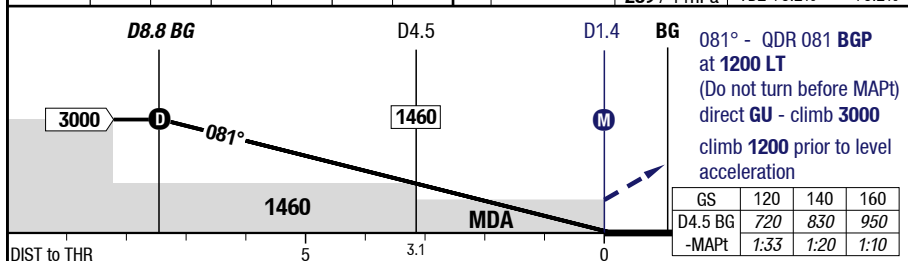
BES-LFRB

7-70

NDB 07R



<div>3.37°</div> <div>D BG</div> <div>081°</div> <div>RWY 073°</div>	8.8	7	6	5	4	3	<div>07R</div>	<div><div>3.0°</div><div>60 HL</div><div>15 HL</div></div>
	3000	2380	2020	1660	1300	940		<div><div>289 / 11hPa</div><div>IDZ +0.2%</div><div>+0.2%</div></div>



07R		NDB DME BG ¹⁾				Circling 2)
C	ft - m/km ft	490 - 2.3 770				750 - 2.4V 1070
D	ft - m/km ft	510 - 2.4 790				750 - 3.6V 1070

1) HN NA when VGSI inop

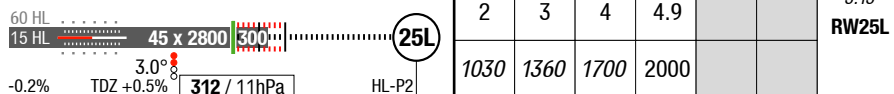
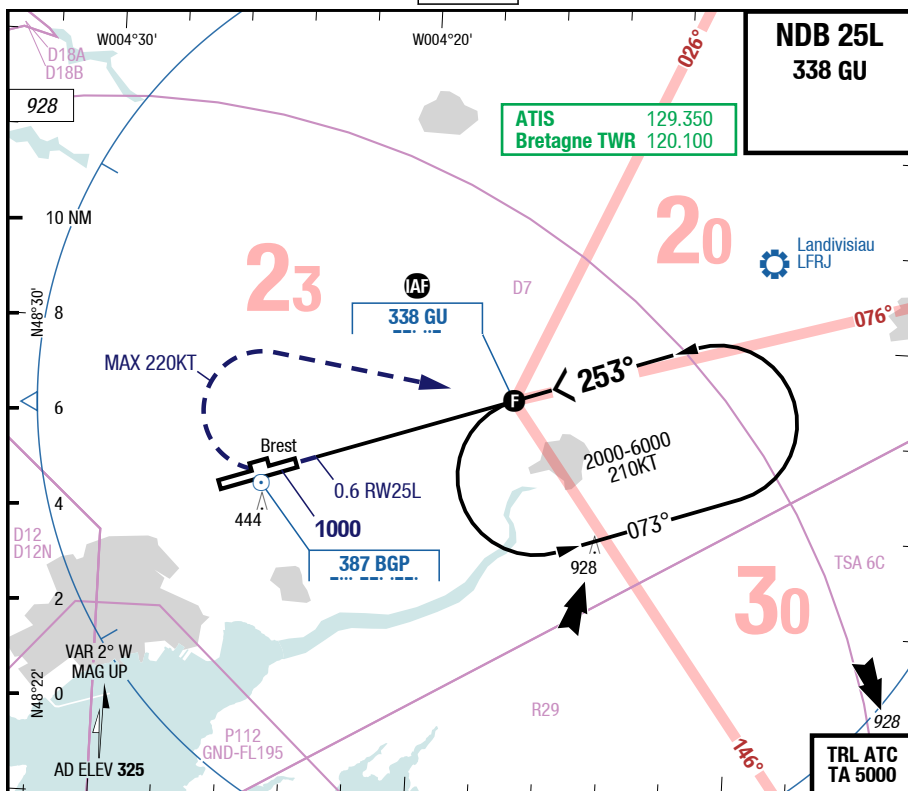
2) N of RWY only

Changes: Page Number

BES-LFRB

7-80

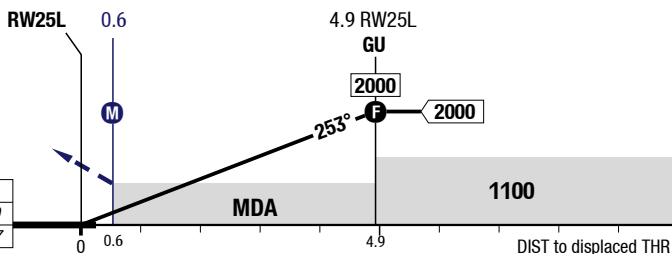
NDB 25L



QDR 253 GU
at **1000 RT** (MAX 220KT)
(Do not turn before MAPt)
direct **GU** - climb **2000**

climb **1400** prior to
level acceleration

GS	120	140	160
GU	660	780	890
-MAPt	2:10	1:51	1:37



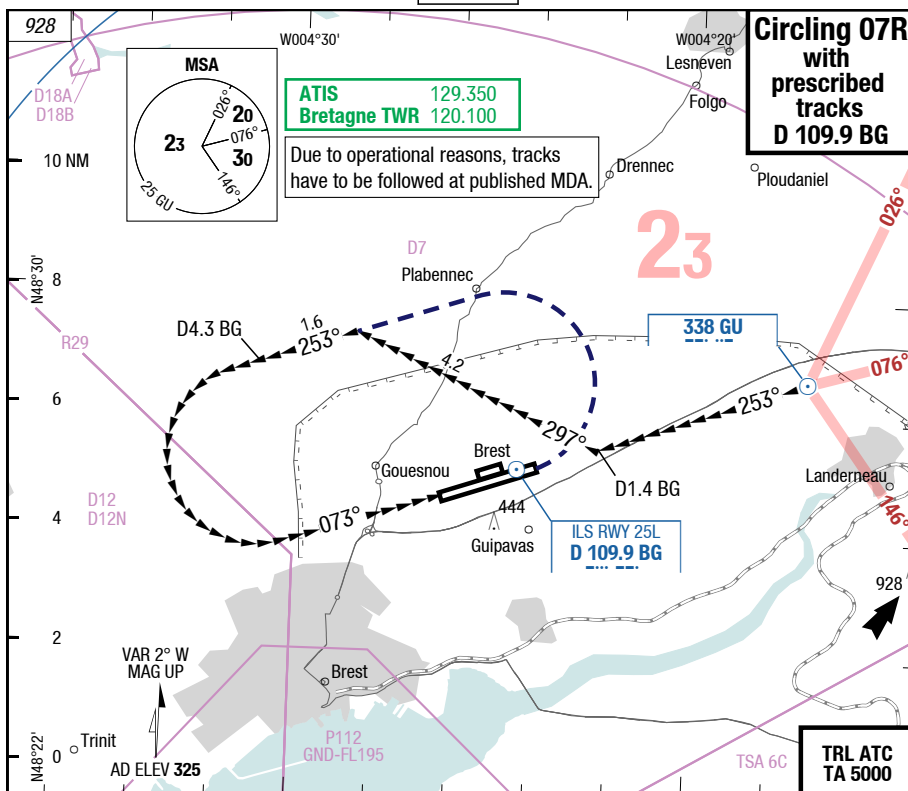
25L		NDB					Circling ⁽¹⁾
C	ft - m/km ft	460 - 1.4 770					750 - 2.4V 1070
D	ft - m/km ft	460 - 1.4 770					750 - 3.6V 1070

1) N of RWY only

BES-LFRB

7-90

Circling 07R



07R						Circling P-TRK ¹⁾	Circling
C	ft - m/km ft					750 - 2.4V 1070	Not published
D	ft - m/km ft					750 - 3.6V 1070	Not published

1) HN NA when VGSI inop

23-MAR-2017

BES-LFRB

8-10

France **Brest** Bretagne

NIL

MRC

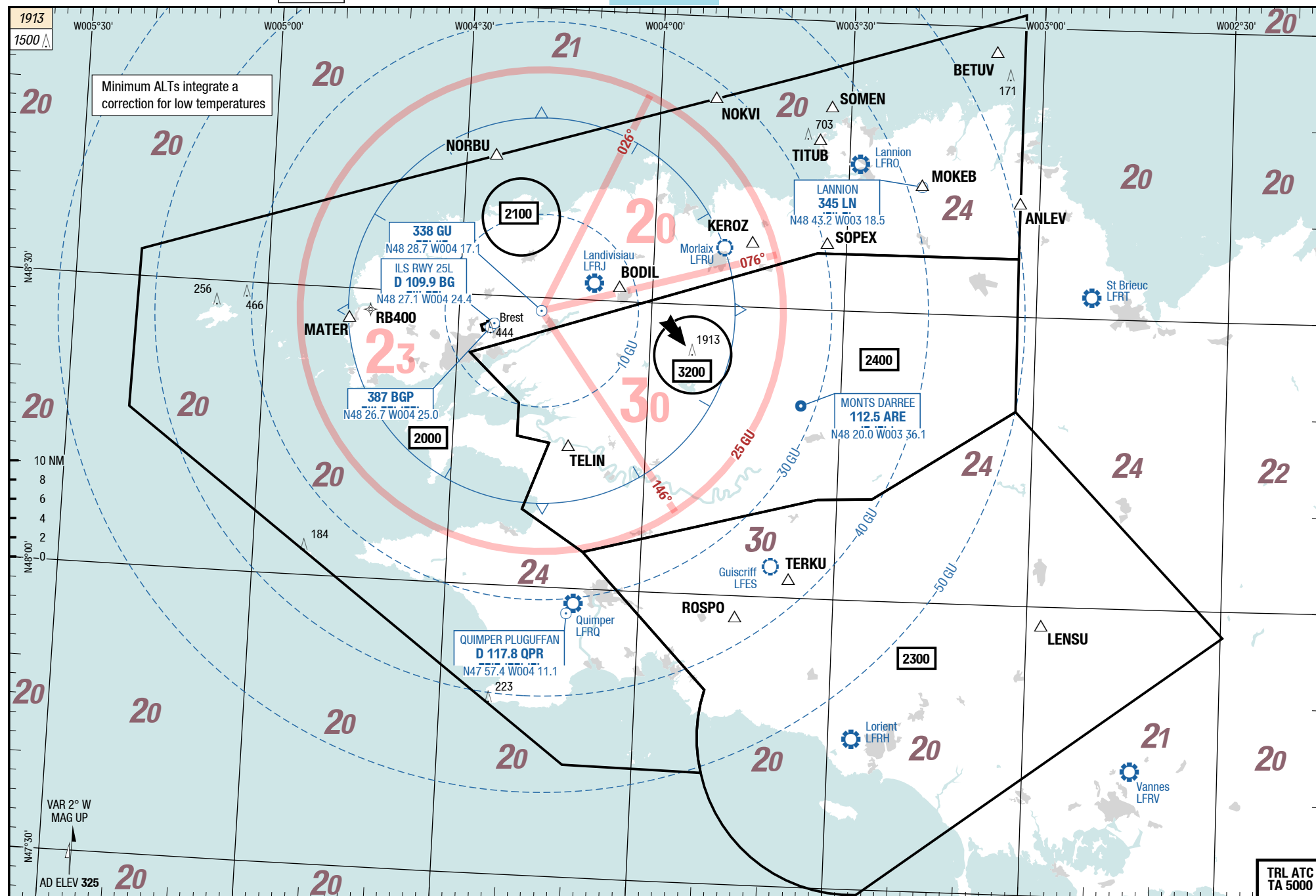
MRC

MRC

Bretagne **Brest** France

NIL

MRC



Changes: WPT , OBST

TRL ATC
TA 5000

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