

GENERAL**Operational Hours****ATS Hours:** H24**AD Operator Hours:** MON-FRI 1100-1500, 1600-2000 EXC HOL**Airport Information****RFF:** CAT 7**PCN:** RWY 14/32: 48/F/B/X/T

RWY 03/21: 26/R/B/X/T

Operation**Low Visibility Procedure**

Follow-me is mandatory with RVR below 400m.

TWY Restriction

Insufficient safety distances restrict large ACFT to use certain TWYs with own PWR. Further INFO will be given by TWR.

Taxi/Parking

Follow-me AVBL O/R.

Warnings

Birds in vicinity of AD.

ARRIVAL**Communication****COM Failure:** See CRAR Brazil and in addition;**RWY 14****RNAV DIMOG 1A**

Complete arrival until DIMOG and excute procedure in use by ATC.

RNAV UTBES 1A

Complete arrival until MUKAL and excute procedure in use by ATC.

RWY 32**RNAV EPKON 1A**

Complete arrival until EPKON and excute procedure in use by ATC.

RNAV UTBES 1B

Complete arrival until ANDUT and excute procedure in use by ATC.

DEPARTURE**| Take-off Minima**

RWY		14		
Multi ENG	ft - m/km	0 - 500R/600V	HJ only	TKOF ALTN AVBL
		0 - 800R/800V	HN	
All ACFT		c800 - 1.6V	-	
RWY		03/21, 32		
Multi ENG	ft - m/km	c700 - 3.0V	TKOF ALTN AVBL	
		c800 - 3.0V	-	
All ACFT			-	

Departure Procedure**Push-back**

Push-back mandatory for ACFT above 12t / 26455lbs.

Effective 24-MAY-2018

17-MAY-2018

FLN-SBFL

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AGC

AFC

AFC

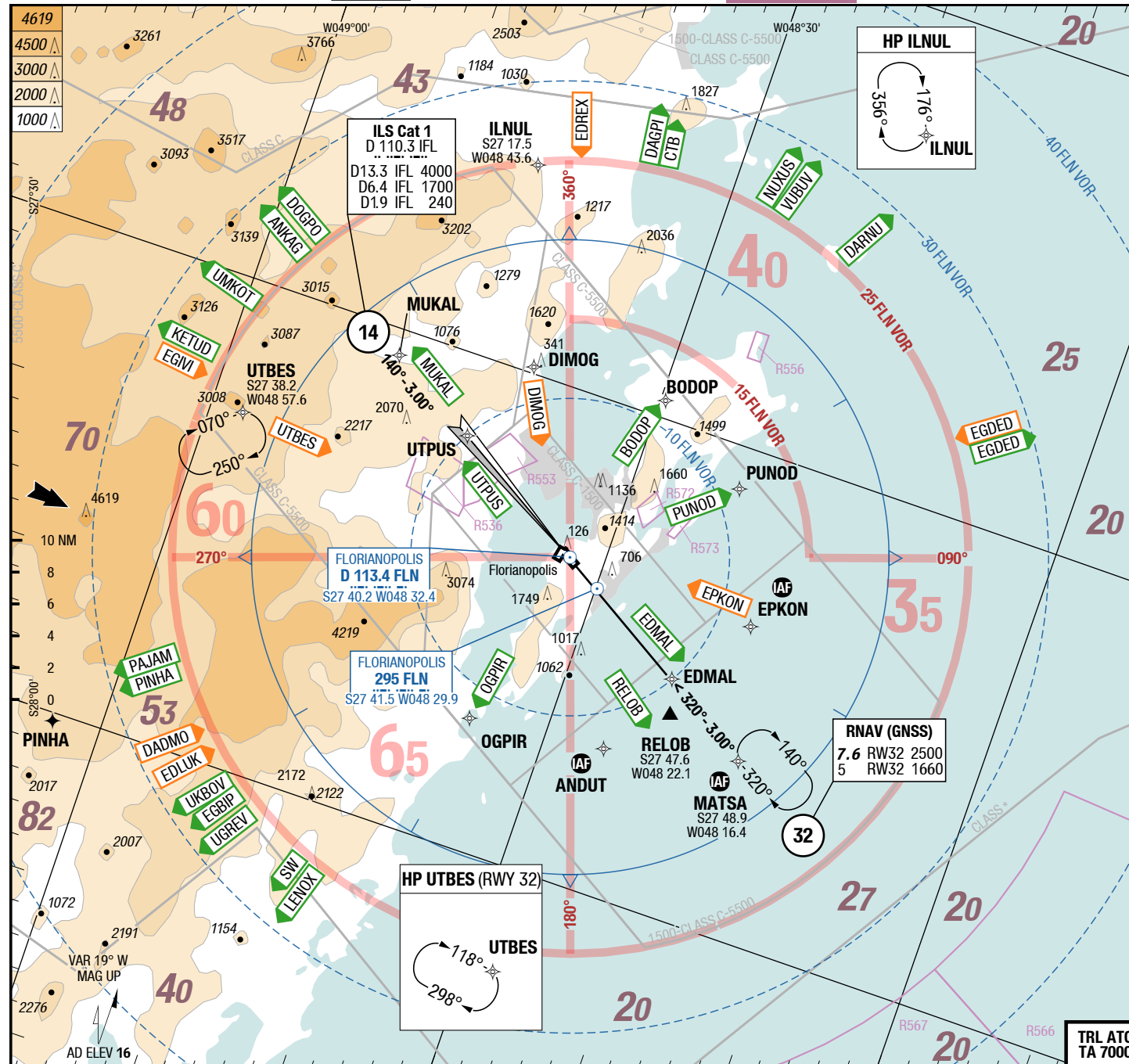
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AGC

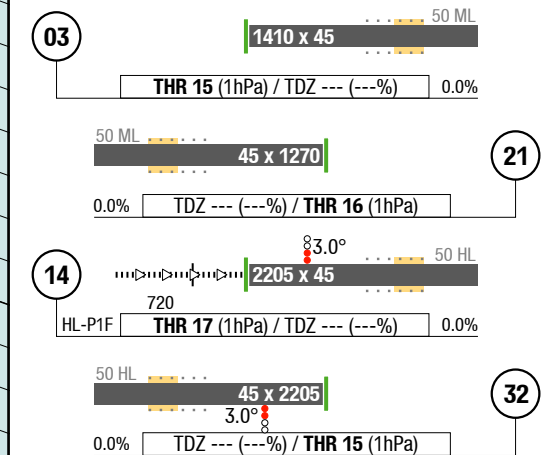
AFC

2-10



D-ATIS	127.450
Curitiba ACC	126.100
	127.500
	132.800
	126.500
	128.400
	127.050
APP	119.650
	119.650
	128.950
	129.450
	129.600
TWR	118.700
GND	121.700
DCL	

Landing RWY system:



Changes: APL

Effective 24-MAY-2018

17-MAY-2018

FLN-SBFL

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AGC

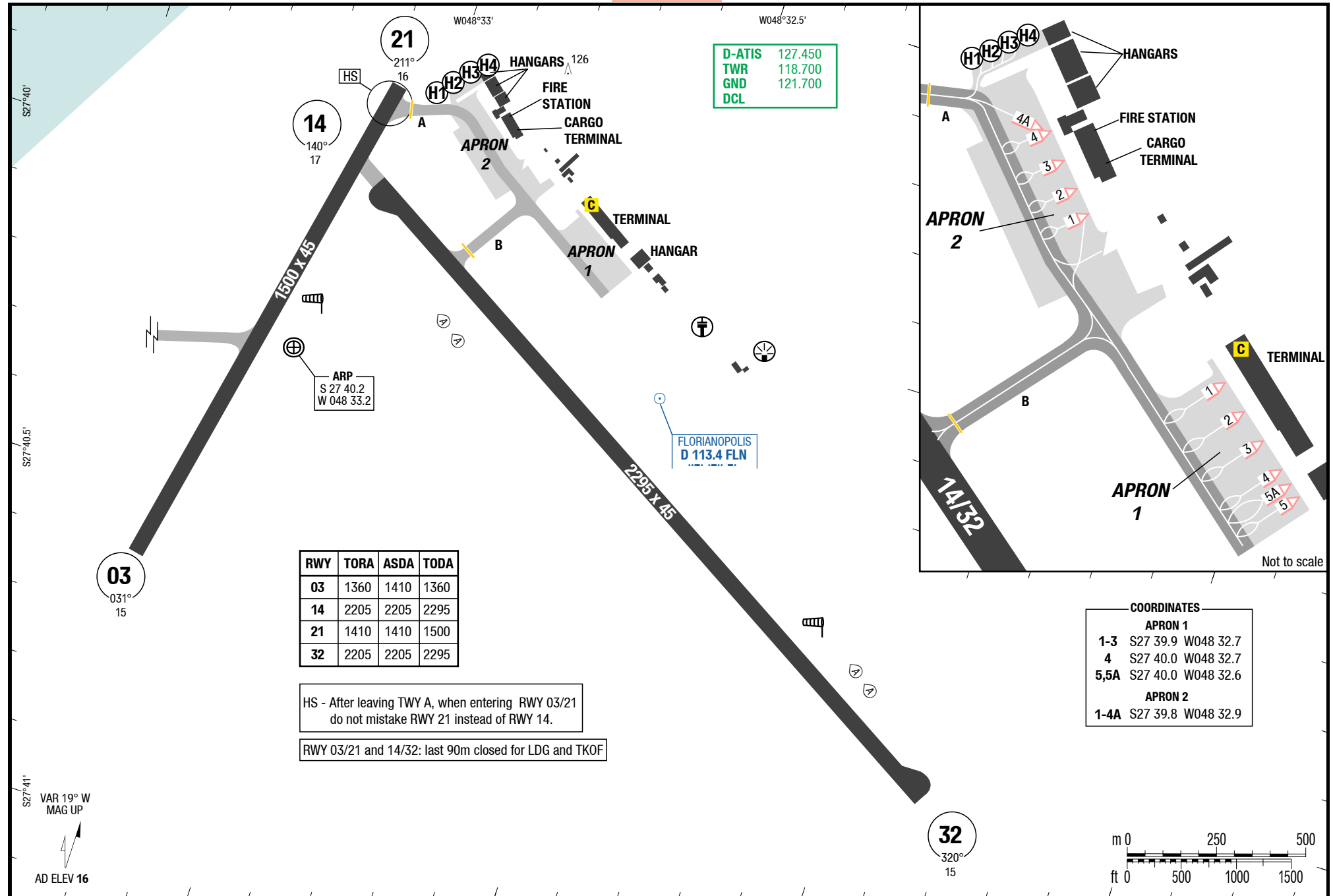
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AGC

3-20



Changes: WDI

21-SEP-2018/UFN

06-SEP-2018

FLN-SBFL

Brazil Florianopolis Hercilio Luz Intl

NIL

Tempo AGC

AGC

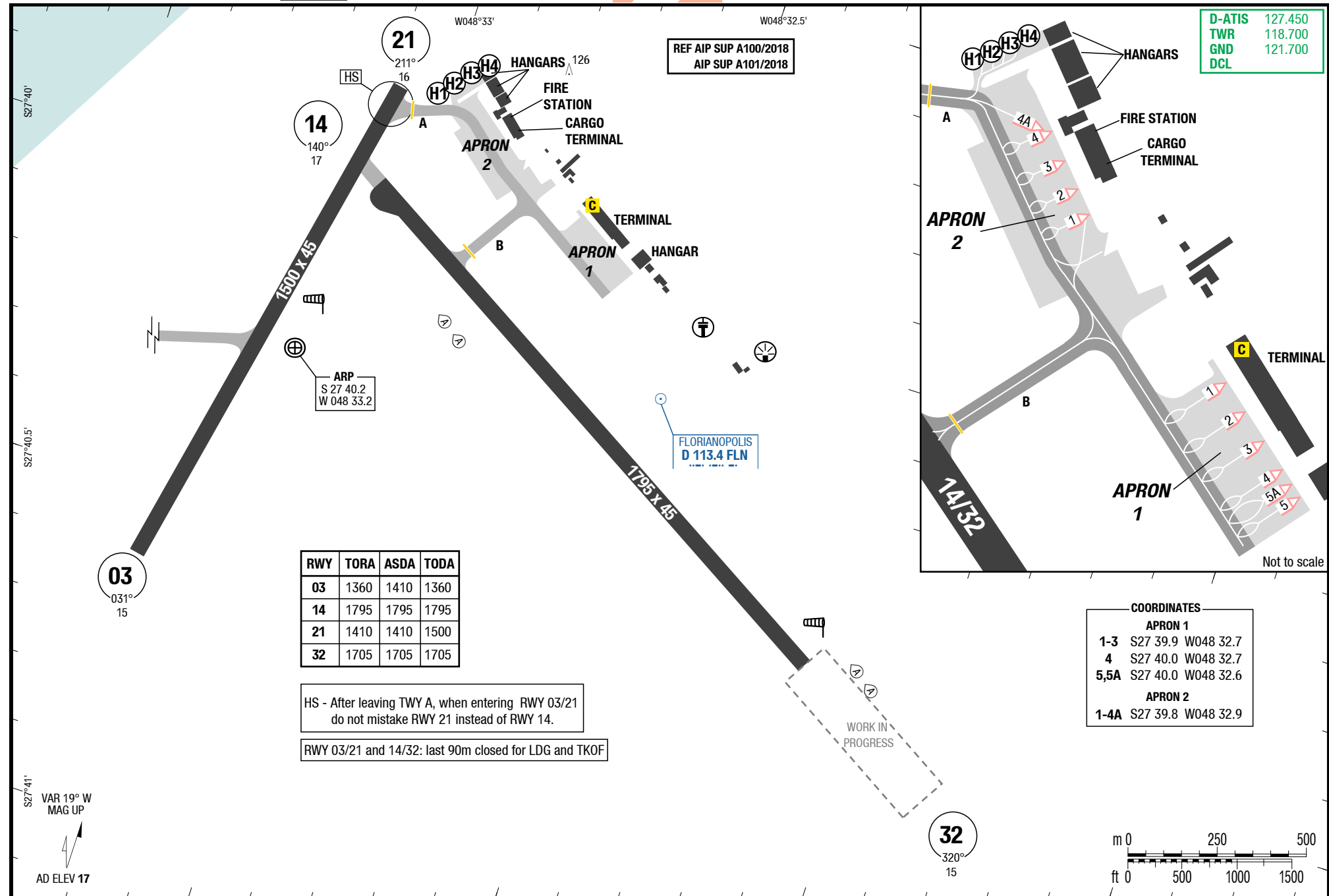
AGC

Hercilio Luz Intl Florianopolis Brazil

NIL

Tempo AGC

3-21

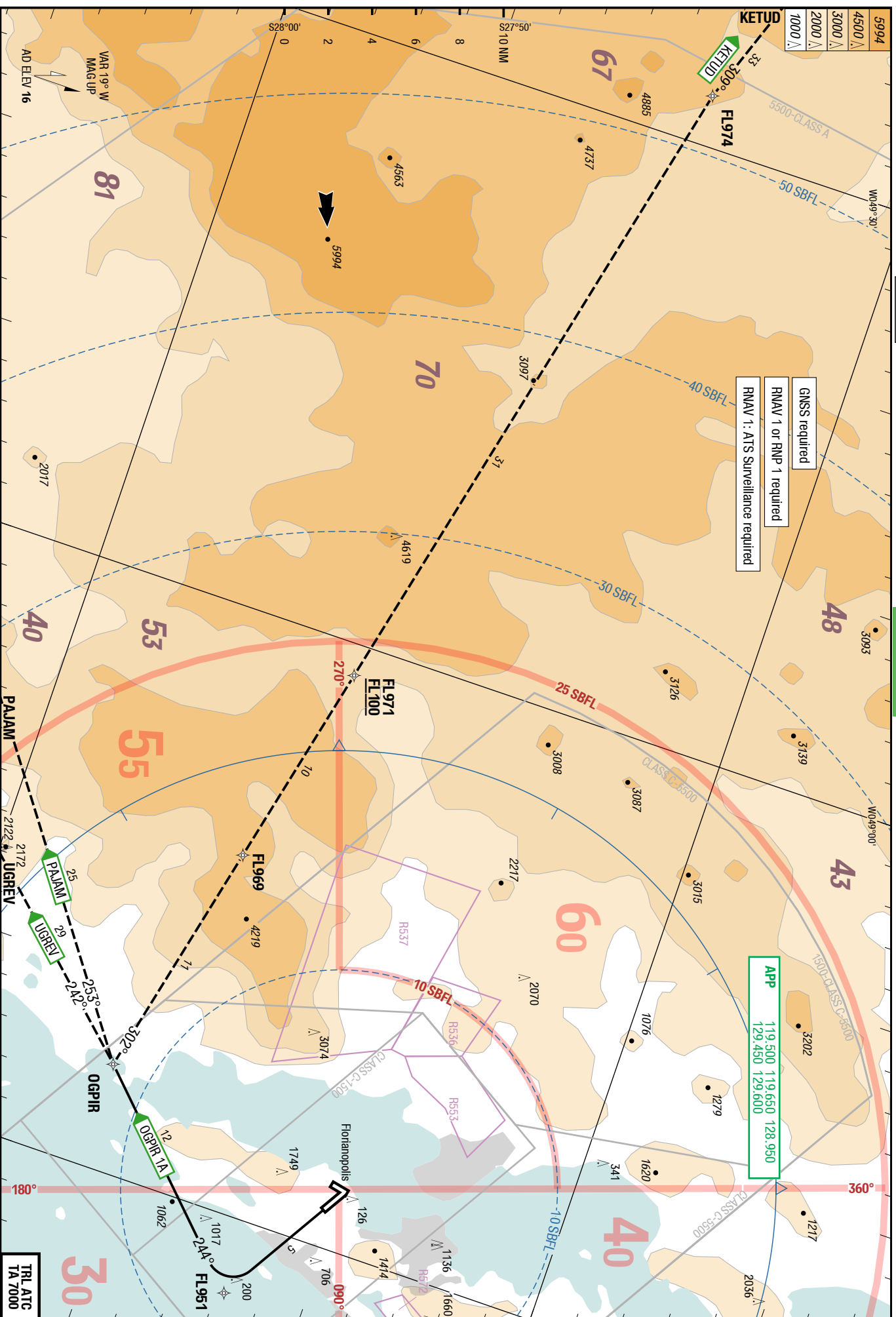


Changes: new

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BNAY 14 PUNOD 1A

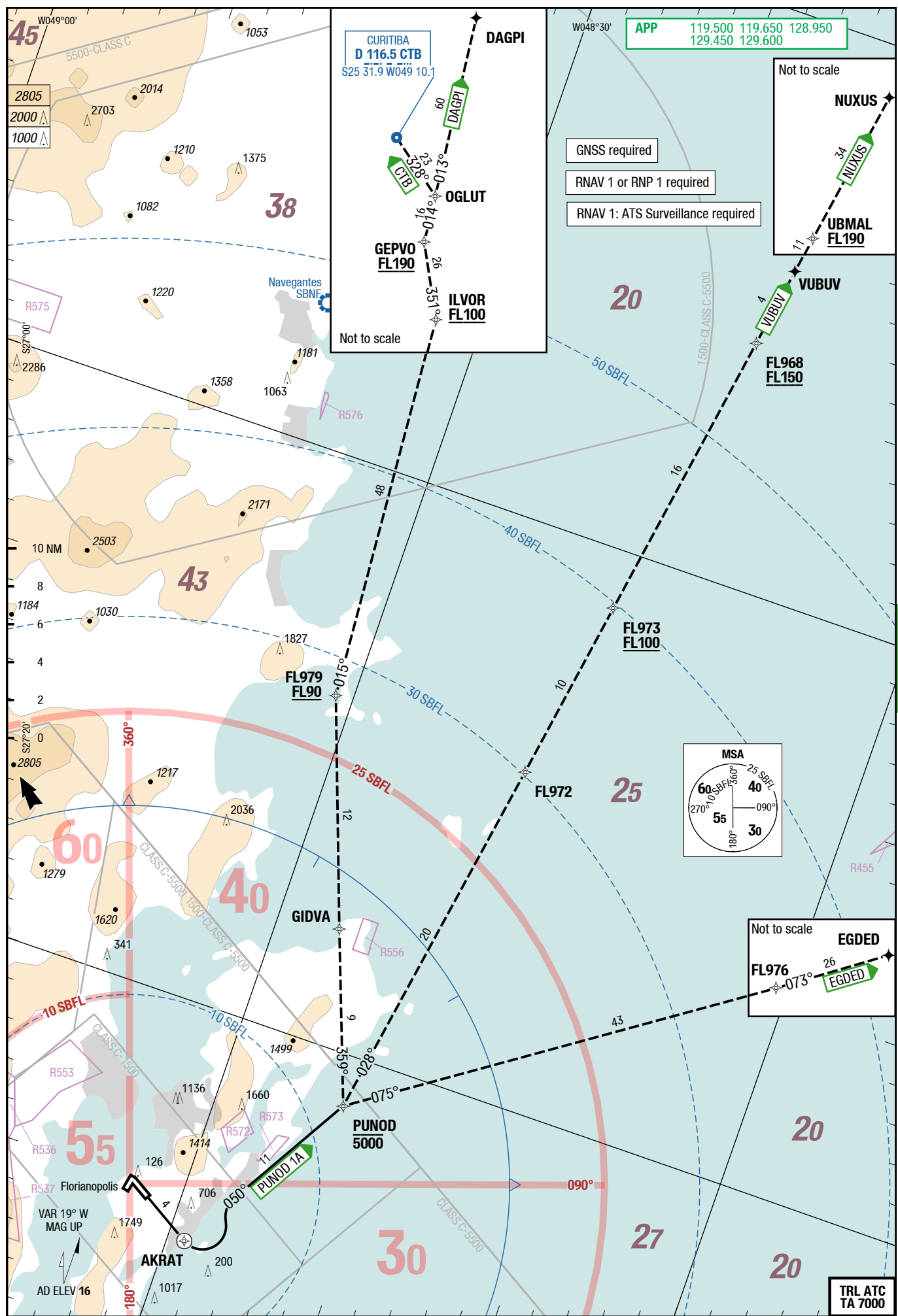
RNAV 14 OGP IR 1A



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RNAV 14 PUNOD 1A

RNAV 14 PUNOD 1A



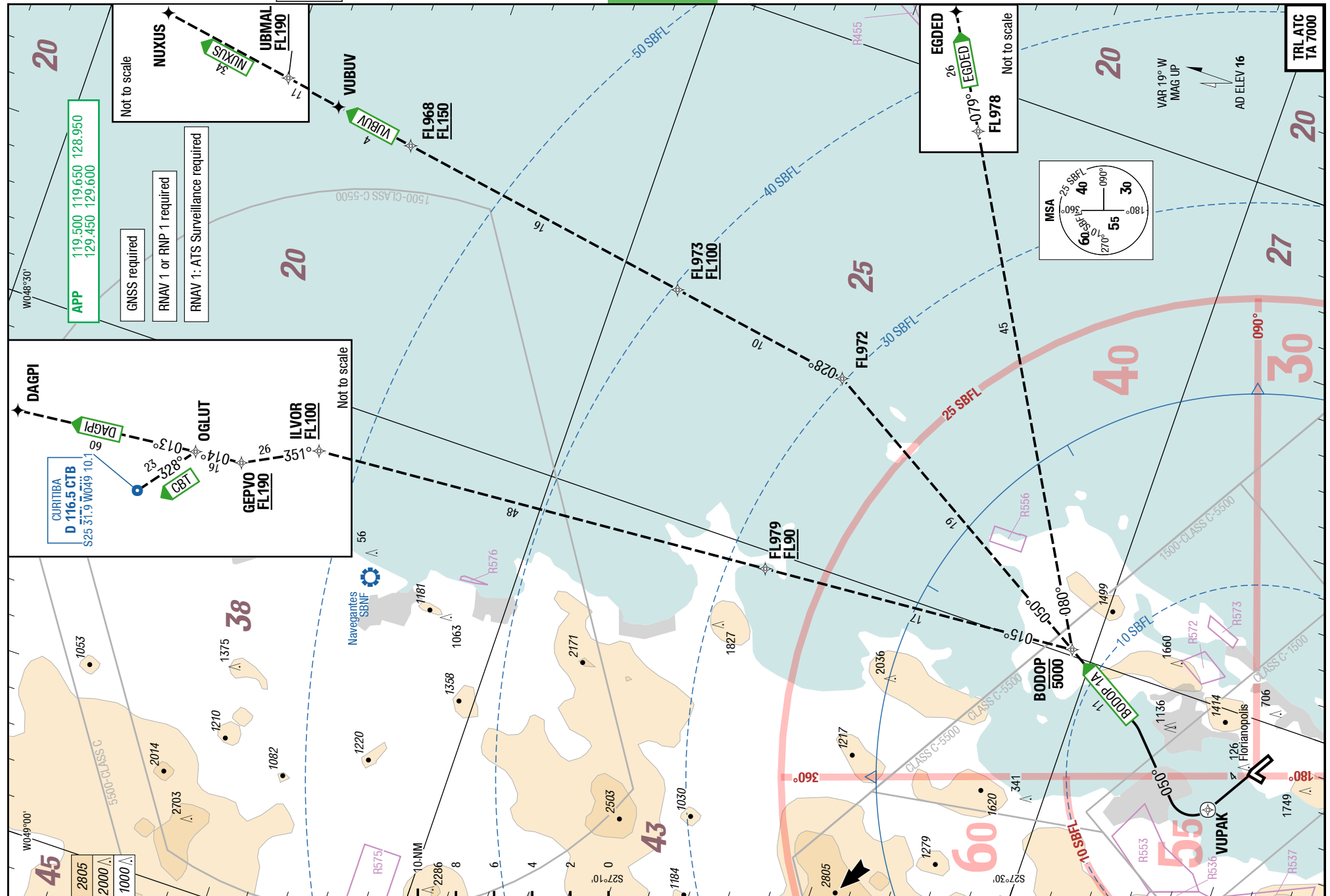
FLN-SBFL

RNAV 32 BODOP 1A

SID

SID

RNAV 32 BODOP 1A



Changes: new

FLN-SBFL

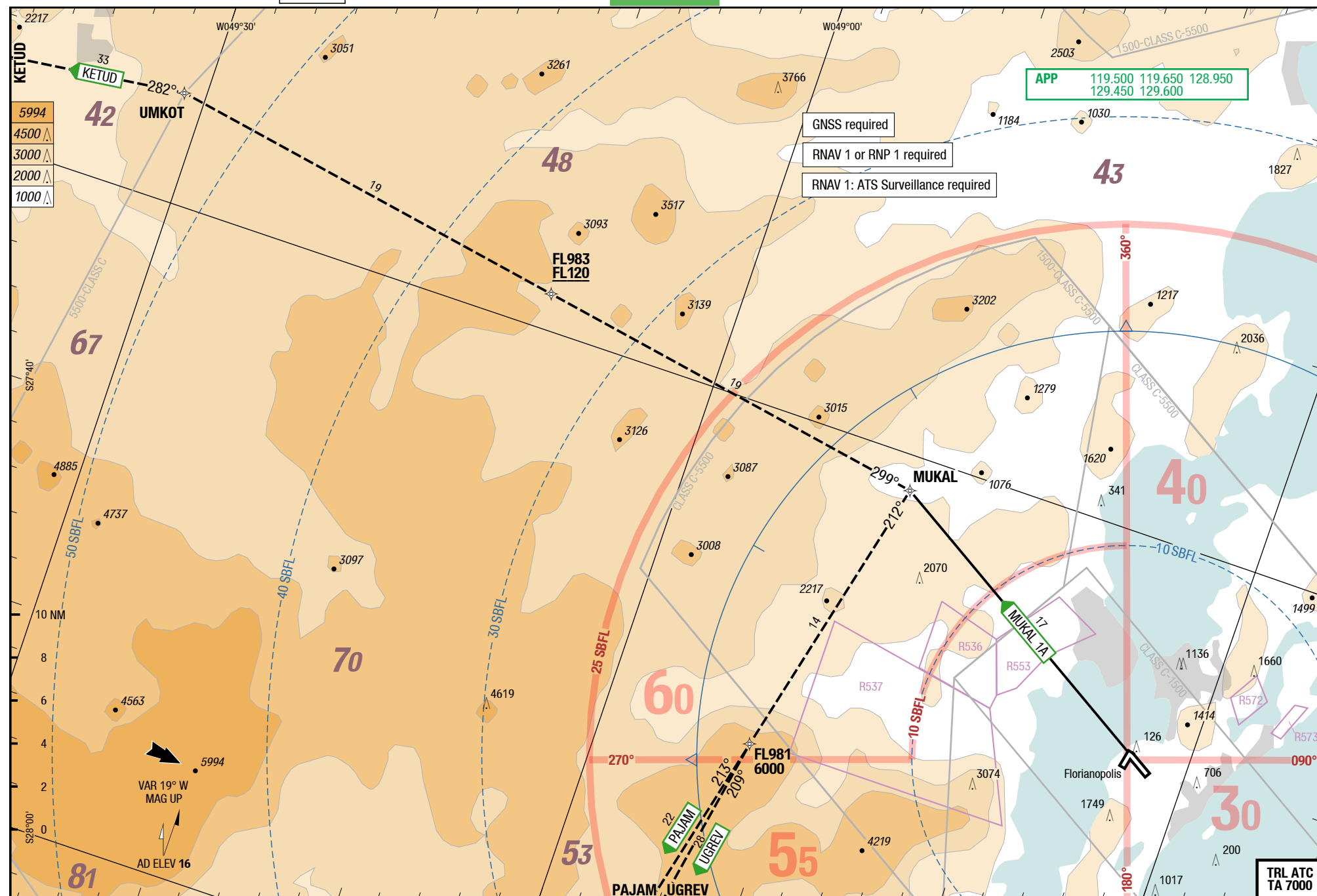
4-40

RNAV 32 MUKAL 1A

SID

SID

RNAV 32 MUKAL 1A



Changes: new

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FLN-SBFL

RELOB 1

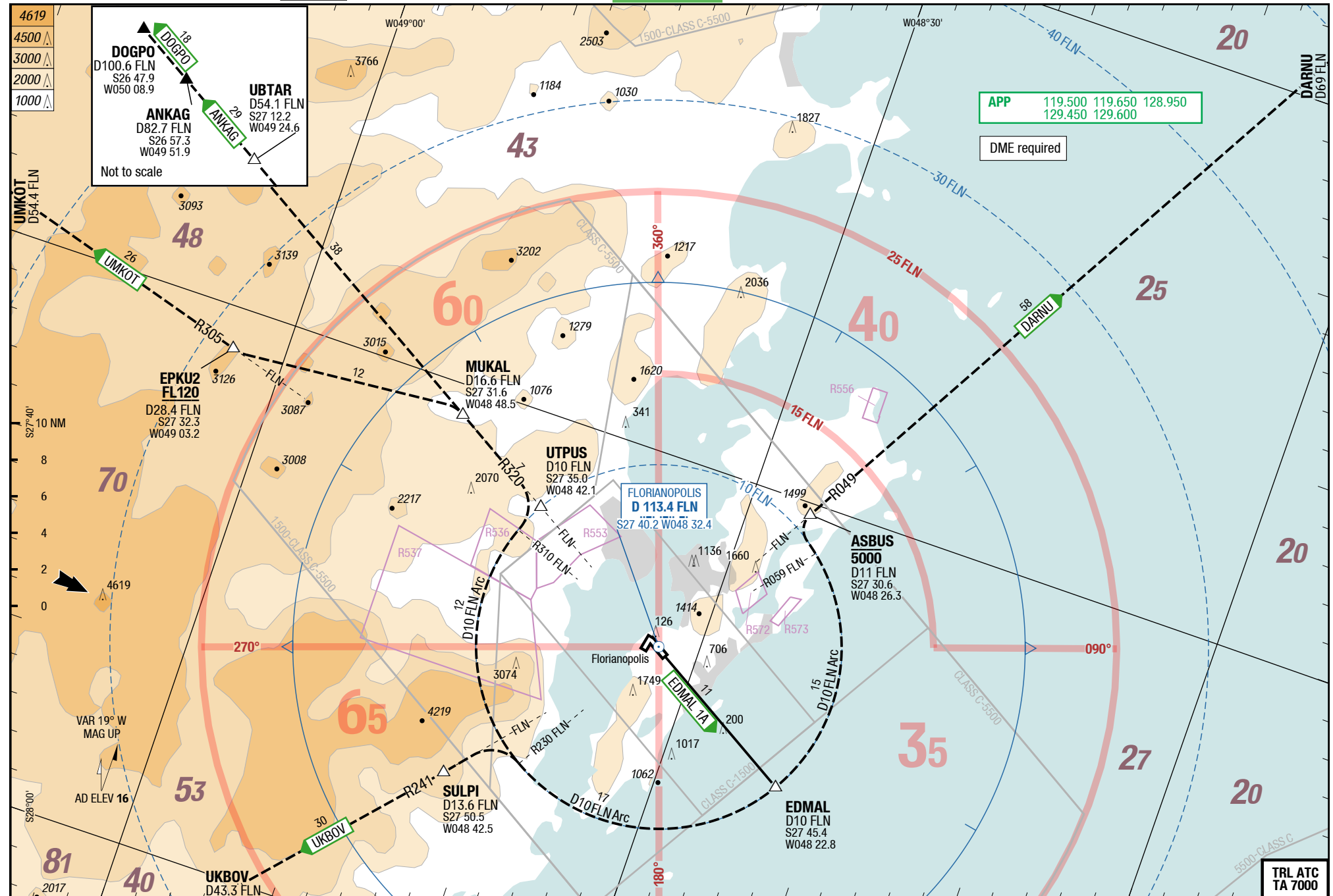
EDMAL 1A

SID

SID

RELOB 1

EDMAL 1A



Changes: Nil

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4-60

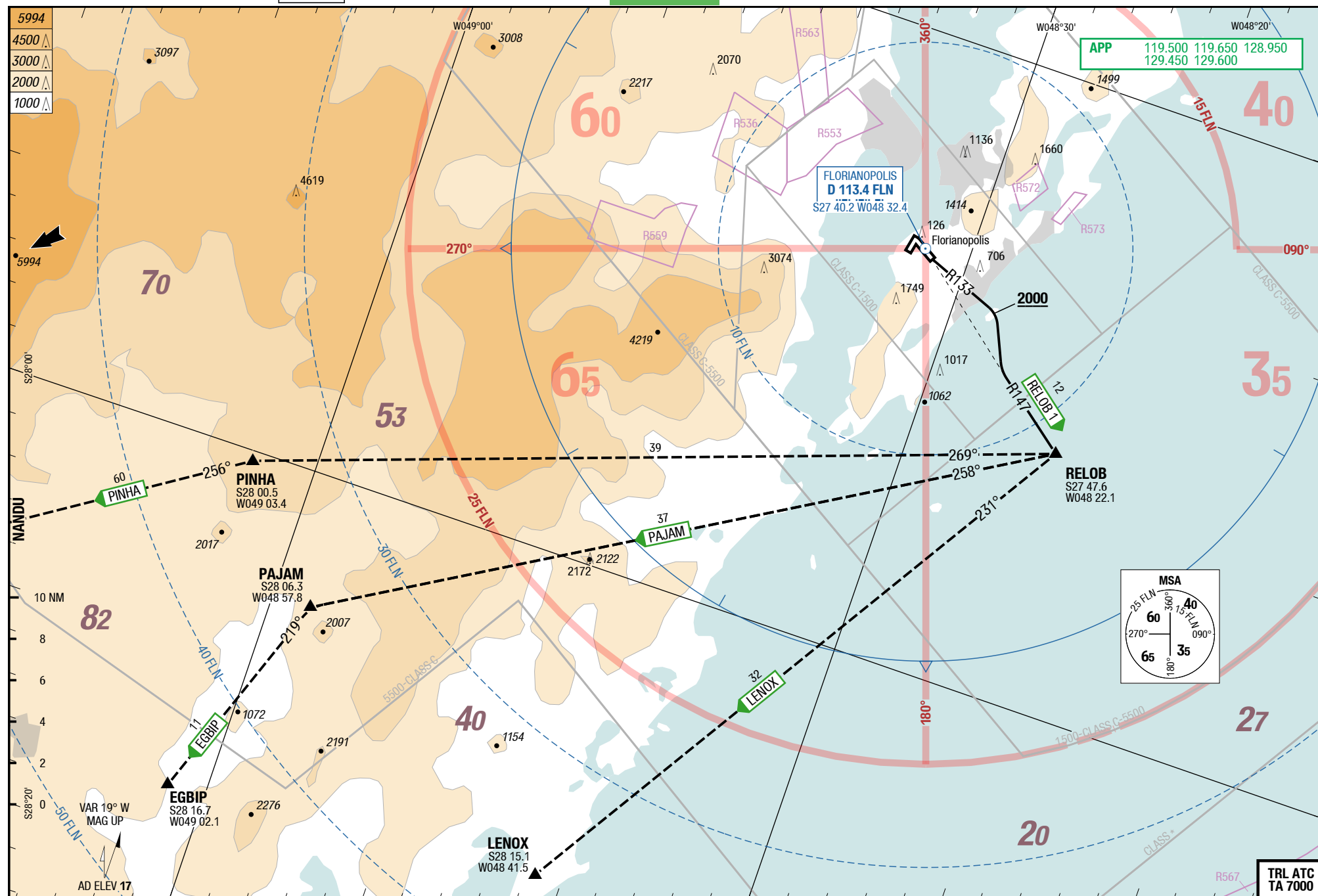
RELOB 1

SID

SID

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RELOB 1



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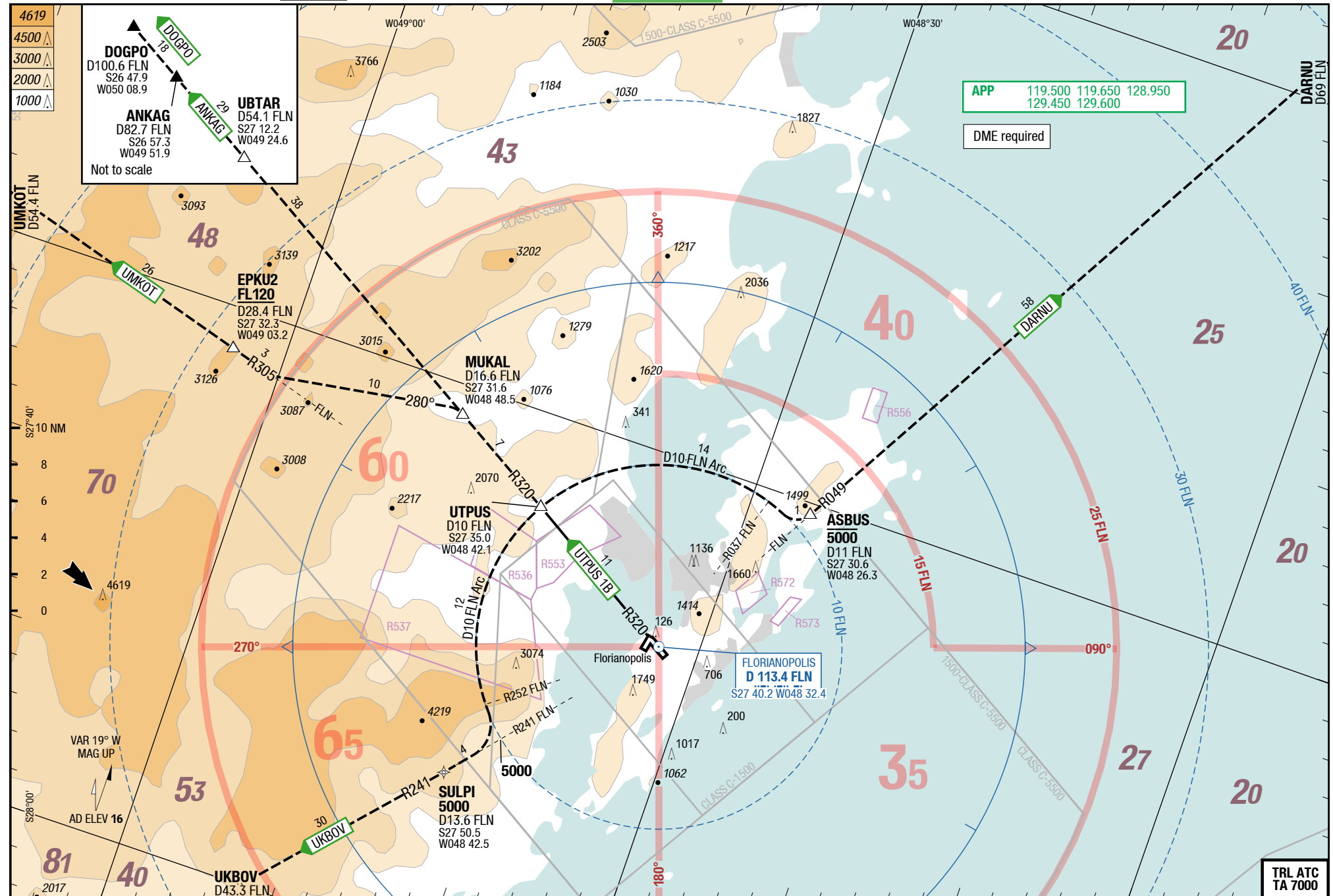
UTPUS 1B

SID

SID

NIL

UTPUS 1B



Changes: Page Number

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FLN-SBFL**5-10****RNAV 14 OGPIR 1A****OGPIR 1A**

RWY 14 (140°)

	GS	120	150	180	210	240	270
3.8%	ft/MIN	500	600	700	900	1000	1100

DESIGNATOR	ROUTING	ALTITUDES
	Runway 14	
OGPIR 1A 3.8% to OGPIR 3.8% to FL969 (KETUD Transition) 119.500	FL951 - OGPIR	
	TRANSITION	
	KETUD OGPIR - FL969 - FL971 - FL974 - KETUD	FL971 MNM FL100
	PAJAM OGPIR - PAJAM	
	UGREV OGPIR - UGREV	

FLN-SBFL

5-20

RNAV 14 PUNOD 1A

PUNOD 1A

RWY 14 (140°)

	GS	120	150	180	210	240	270
4.3%	ft/MIN	600	700	800	1000	1100	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 14	
PUNOD 1A 4.3% to 2500 119.500	<u>AKRAT</u> - PUNOD	PUNOD MAX 5000
	TRANSITION	
	CTB (CURITIBA) PUNOD - GIDVA - FL979 - ILVOR - GEPVO - OGLUT - CTB	PUNOD MAX 5000 FL979 MNM FL90 ILVOR MNM FL100 GEPVO MNM FL190
	DAGPI PUNOD - GIDVA - FL979 - ILVOR - GEPVO - OGLUT - DAGPI	PUNOD MAX 5000 FL979 MNM FL90 ILVOR MNM FL100 GEPVO MNM FL190
	EGDED PUNOD - FL976 - EGDED	PUNOD MAX 5000
	NUXUS PUNOD - FL972 - FL973 - FL968 - VUBUV - UBMAL - NUXUS	PUNOD MAX 5000 FL973 MNM FL100 FL968 MNM FL150 UBMAL MNM FL190
	VUBUV PUNOD - FL972 - FL973 - FL968 - VUBUV	PUNOD MAX 5000 FL973 MNM FL100 FL968 MNM FL150

06-SEP-2018

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5-30

RNAV 32 BODOP 1A

SIDPT

BODOP 1A

RWY 32 (320°)

	GS	120	150	180	210	240	270
3.5%	ft/MIN	500	600	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 32	
BODOP 1A 3.5% to 4000 119.500 ①	<u>VUPAK</u> - BODOP	BODOP MAX 5000
	TRANSITION	
	CTB (CURITIBA) BODOP - FL979 - ILVOR - GEPVO - OGLUT - CTB	BODOP MAX 5000 FL979 MNM FL90 ILVOR MNM FL100 GEPVO MNM FL190
	DAGPI BODOP - FL979 - ILVOR - GEPVO - OGLUT - DAGPI	BODOP MAX 5000 FL979 MNM FL90 ILVOR MNM FL100 GEPVO MNM FL190
	EGDED BODOP - FL978 - EGDED	BODOP MAX 5000
	NUXUS BODOP - FL972 - FL973 - FL968 - VUBUV - UBMAL - NUXUS	BODOP MAX 5000 FL973 MNM FL100 FL968 MNM FL150 UBMAL MNM FL190
	VUBUV BODOP - FL972 - FL973 - FL968 - VUBUV	BODOP MAX 5000 FL973 MNM FL100 FL968 MNM FL150

① Close in obstacles: trees DIST 310m/1017ft from DER, AZM 353, 61ft.

Changes: Climb gradient

06-SEP-2018

Brazil **Florianopolis** Hercilio Luz Intl**FLN-SBFL****5-40****RNAV 32 MUKAL 1A****SIDPT****MUKAL 1A**

RWY 32 (320°)

	GS	120	150	180	210	240	270
6.6%	ft/MIN	900	1100	1300	1500	1700	1900

DESIGNATOR	ROUTING	ALTITUDES
	Runway 32	
MUKAL 1A 6.6% to MUKAL 119.500 ①	MUKAL	
	TRANSITION	
	KETUD MUKAL - FL983 - UMKOT - KETUD	FL983 MNM FL120
	PAJAM MUKAL - FL981 - PAJAM	FL981 at 6000
	UGREV MUKAL - FL981 - UGREV	FL981 at 6000

① Close in obstacles: tree DIST 310m/1017ft from DER, AZM 353, 61ft.

Changes: Nil

06-SEP-2018

Brazil **Florianopolis** Hercilio Luz Intl**FLN-SBFL****5-50****EDMAL 1A****SIDPT****EDMAL 1A**

RWY 14 (140°)

	GS	120	150	180	210	240	270
3.7%	ft/MIN	500	600	700	800	900	1100

DESIGNATOR	ROUTING	ALTITUDES
	Runway 14	
EDMAL 1A 3.7% to EDMAL 119.500	No procedure text published	
	TRANSITION	
	ANKAG No procedure text published	
	DARNU No procedure text published	ASBUS MAX 5000
	DOGPO No procedure text published	
	UKBOV No procedure text published	
	UMKOT No procedure text published	EPKU2 MNM FL120

Changes: Nil

RELOB 1

RWY 14 (140°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 14	
RELOB 1 119.650	intercept R133 FLN - at MNM 2000 RT intercept R147 FLN to RELOB	
	TRANSITION	
	EGBIP RELOB - PAJAM - EGBIP	
	LENOX RELOB - LENOX	
	PAJAM RELOB - PAJAM	
	PINHA RELOB - PINHA - NANDU	

06-SEP-2018

FLN-SBFL

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5-70

UTPUS 1B

SIDPT

UTPUS 1B

RWY 32 (320°)

	GS	120	150	180	210	240	270
4.7%	ft/MIN	600	800	900	1000	1200	1300

DESIGNATOR	ROUTING	ALTITUDES
	Runway 32	
UTPUS 1B 4.7% to UTPUS 119.500 ①	No procedure text published	
	TRANSITION	
	ANKAG No procedure text published	
	DARNU No procedure text published	ASBUS MAX 5000
	DOGPO No procedure text published	
	UKBOV No procedure text published	R241/D10 FLN at 5000 SULPI at 5000
	UMKOT No procedure text published	EPKU2 MNM FL120

① Close in obstacles: trees DIST 310m/1017ft from DER, AZM 353, 61ft.

Changes: Climb gradient

09-NOV-2017

FLN-SBFL

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RNAV 14 UTBES 1A

6-10

RNAV 14 DIMOG 1A

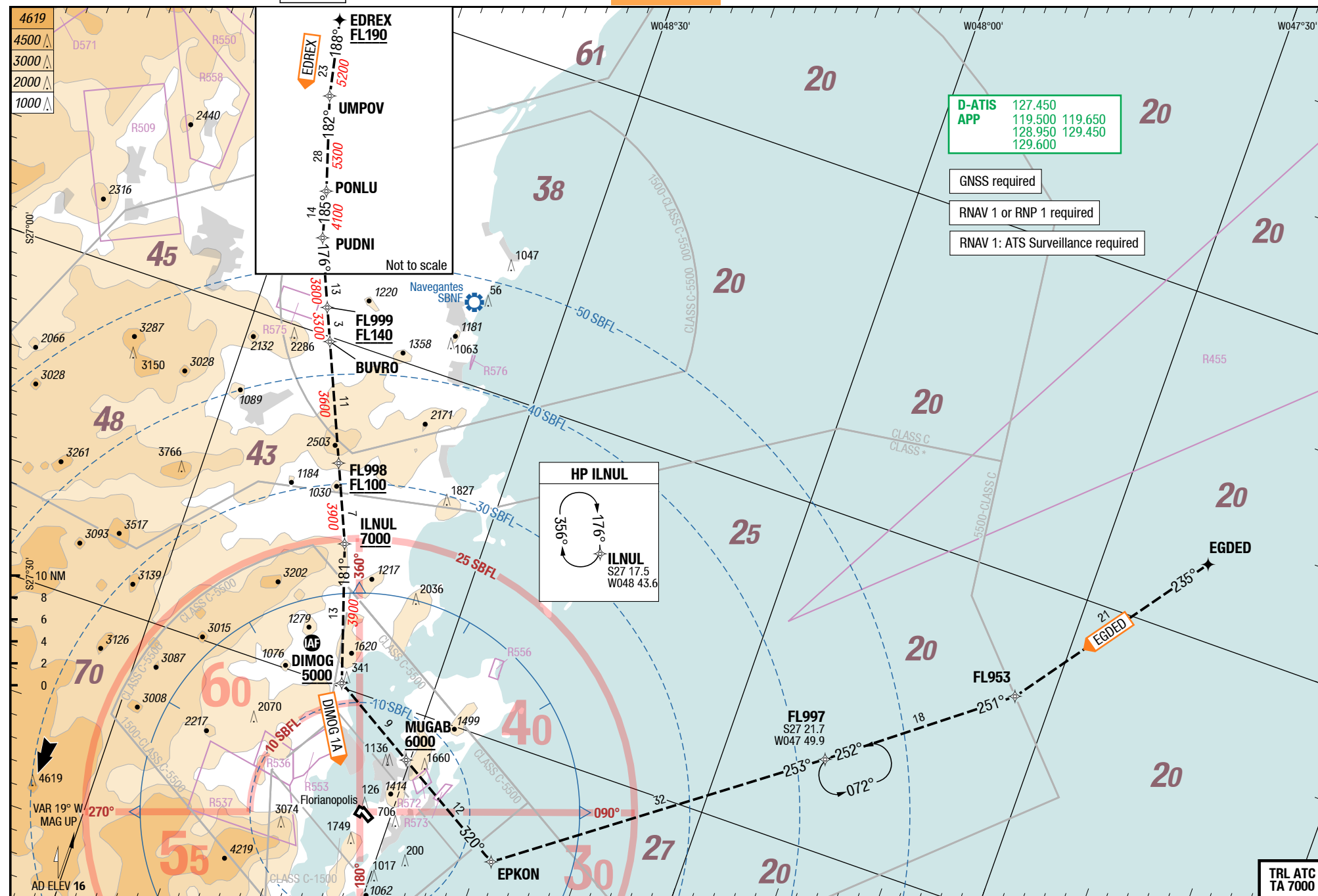
STAR

STAR

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RNAV 14 UTBES 1A

RNAV 14 DIMOG 1A



Changes: WPT UMPOV, ASP

TRL ATC
TA 7000

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6-20

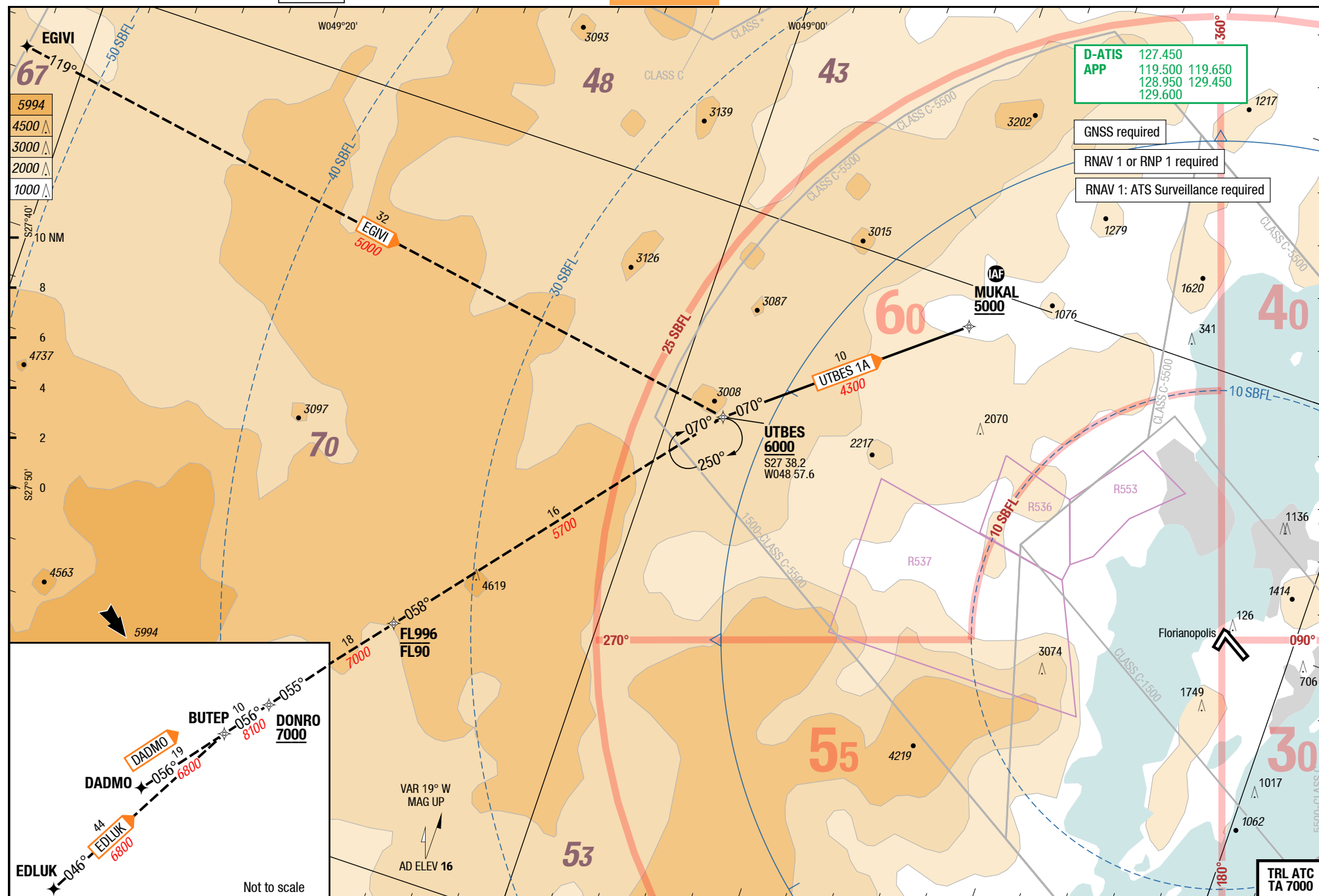
RNAV 14 UTBES 1A

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RNAV 14 UTBES 1A



Changes: ASP

FLN-SBFL

RNAV 32 UTBES 1B

6-30

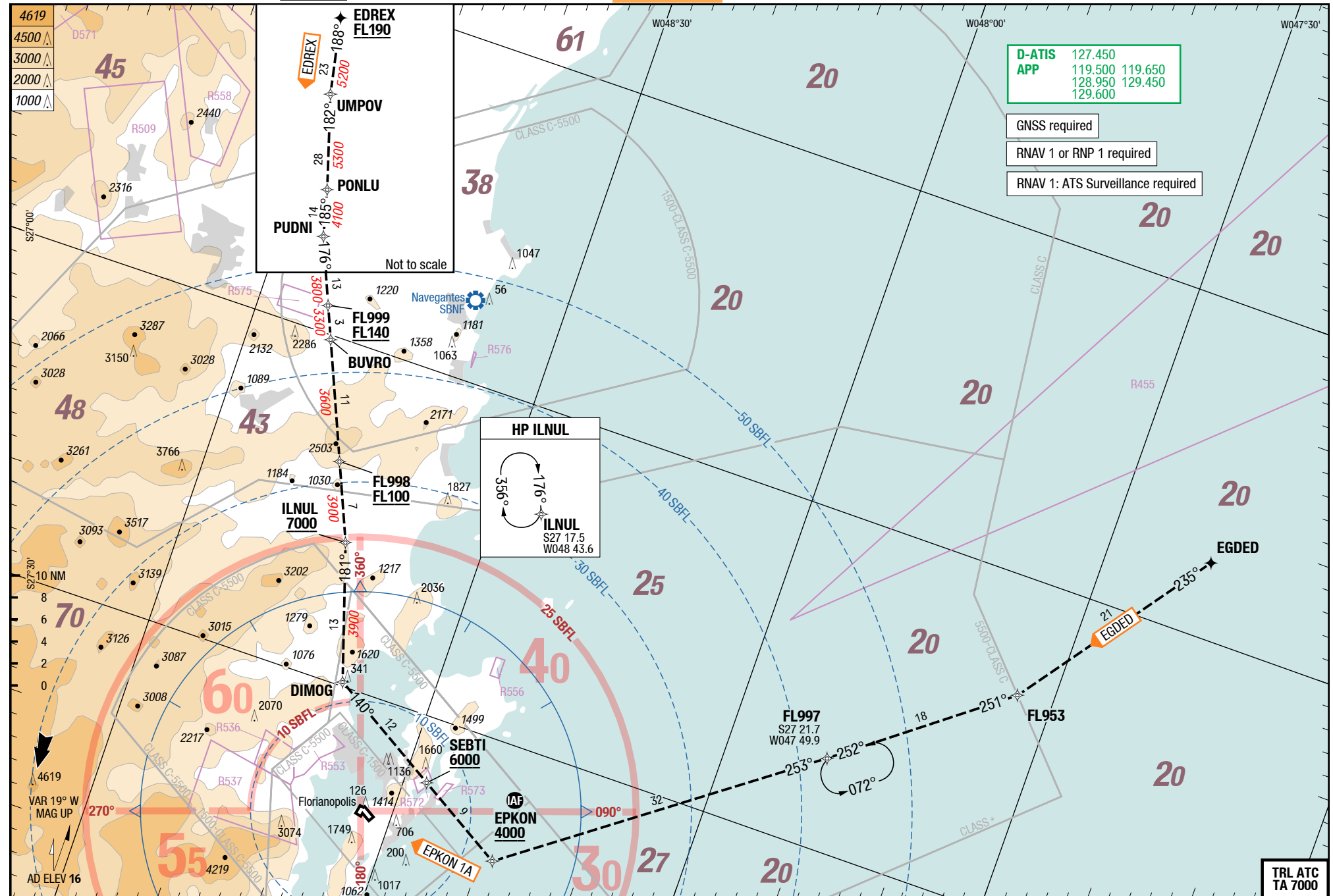
RNAV 32 EPKON 1A

STAR

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RNAV 32 UTBES 1B

RNAV 32 EPKON 1A



Changes: WPT UMPOV, ASP

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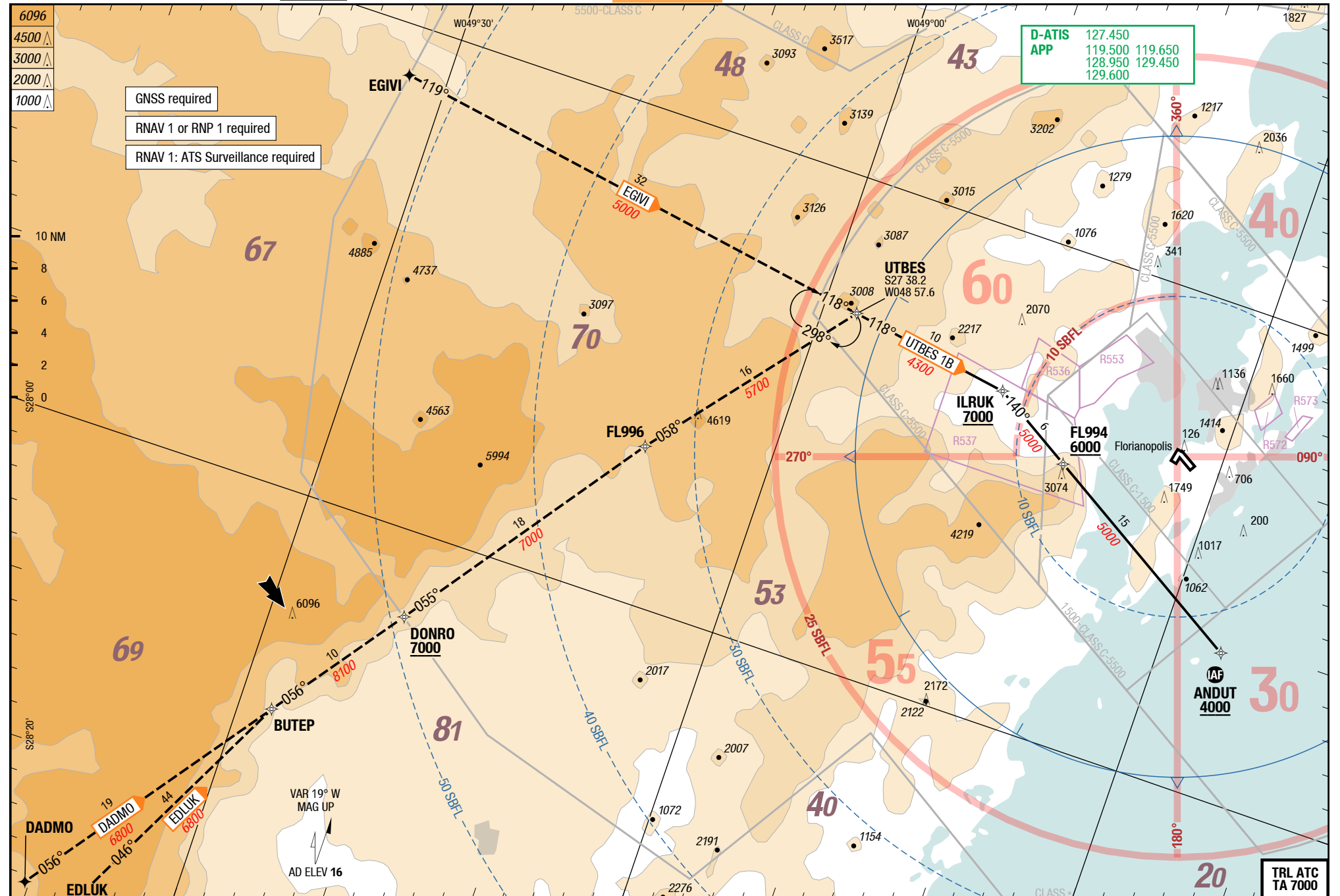
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6-40

RNAV 32 UTBES 1B

STAR

STAR

RNAV 32 UTBES 1B

Changes: ASP

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17-MAY-2018

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ILS Y 14, ILS K or LOC K 14

FLN-SBFL

7-10

ILS Z or LOC Z 14

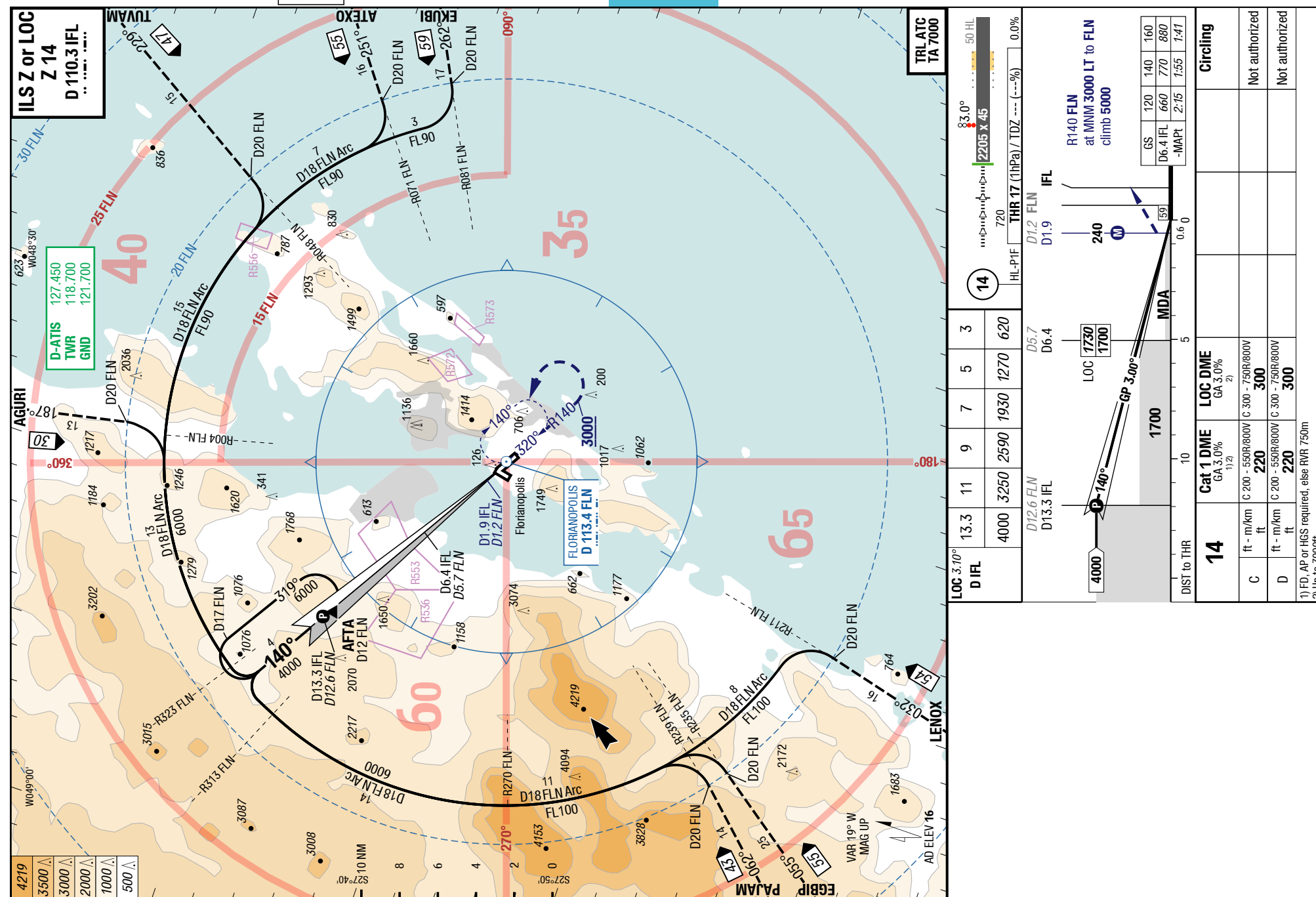
IAC

IAC

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ILS Y 14, ILS K or LOC K 14

ILS Z or LOC Z 14



Changes: APL, SUAs

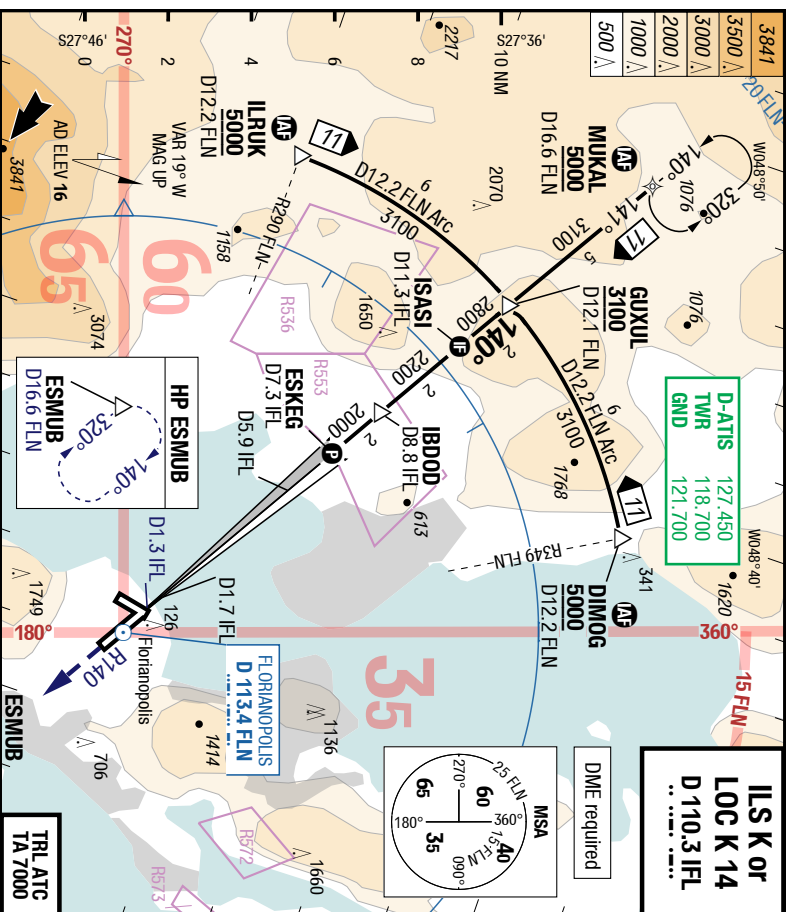
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ILS Y 14

IAC

ILSK or LOCK 14



LOC 3.03°

D IFL	9.8	8	6	5	4	3
2800	2210	1570	1250	930	600	

14 2205 x 45

HL-P-IF THIR 17 (1/HPA) / TDZ --- (---%) 0.0%

D11.3 IFL D9.8 D8.8 D7.3 D5.9 D1.7 D1.3 IFL

ISASI IBDOD ESKEG RW14

R140 FLN to ESMUB climb 4000

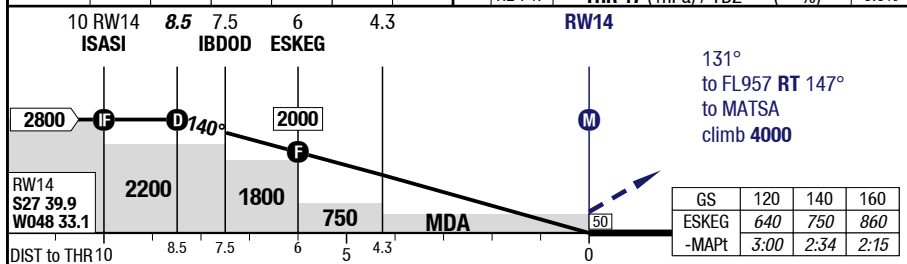
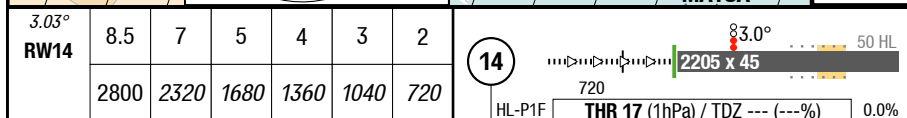
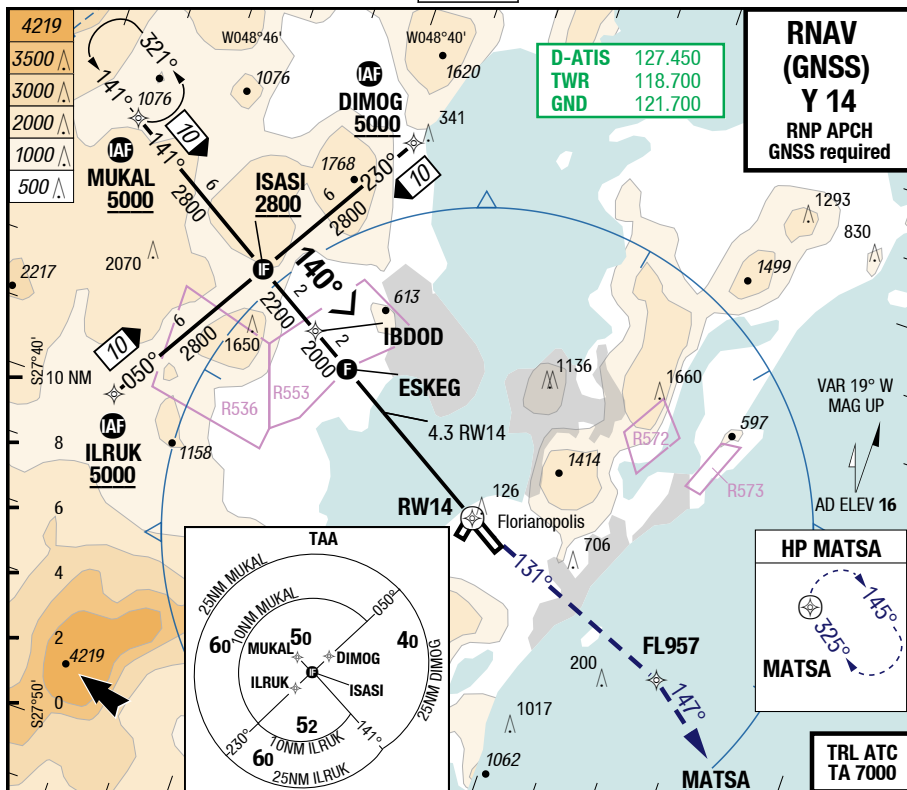
GS	120	140	160	D7.3 IFL	640	750	860	-MAP	3:00	2:34	2:15

	Cat 1 DME	LOC DME	Circling
C	ft - m/km 220	C 200 - 700R/800V C 400 - 900R/900V 370	Not authorized
D	ft - m/km 220	C 200 - 700R/800V C 400 - 900R/900V 370	Not authorized

(1) TD, AP or HGS required, else RVR 750m
(2) With EVS RVR 550m/ VIS 800m

7-30

RNAV (GNSS) Y 14



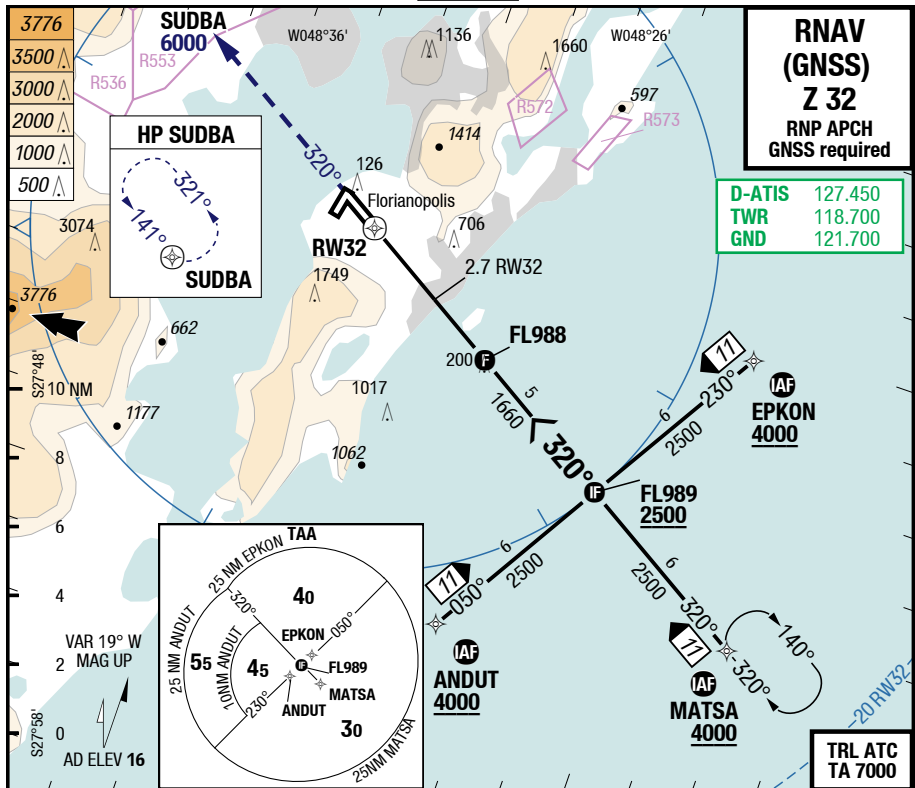
14	RNAV GNSS	RNAV GNSS	Circling
	VNAV GA 3.5% 1) 2) 3) 4)	LNNAV GA 3.5% 1) 2) 3) 4)	
C	ft - m/km ft	C 400 - 1.1V 380	Not authorized
D	ft - m/km ft	C 400 - 1.1V 380	Not authorized

1) SBAS use for VNAV not applicable or not authorized
2) Uncompensated BARO VNAV NA below -10°C (14°F)

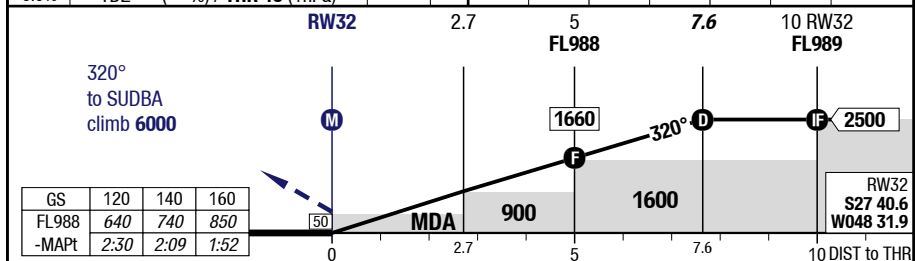
3) With EVS VIS 800m
4) Up to 1500ft

7-40

RNAV (GNSS) Z 32



50 HL	2	3	4	6	7	7.6	3.00°
45 x 2205	710	1030	1340	1980	2300	2500	RW32
3.0°							
0.0%							



32	RNAV GNSS VNAV 1) 2) 3)	RNAV GNSS LNAV				Circling
C	ft - m/km ft	C 400 - 1.8V 400	C 500 - 1.9V 430			Not authorized
D	ft - m/km ft	C 400 - 1.8V 400	C 500 - 1.9V 430			Not authorized

1) SBAS use for VNAV not applicable or not authorized
2) Uncompensated BARO VNAV NA below -10°C (14°F)

3) With EVS VIS 1.2km

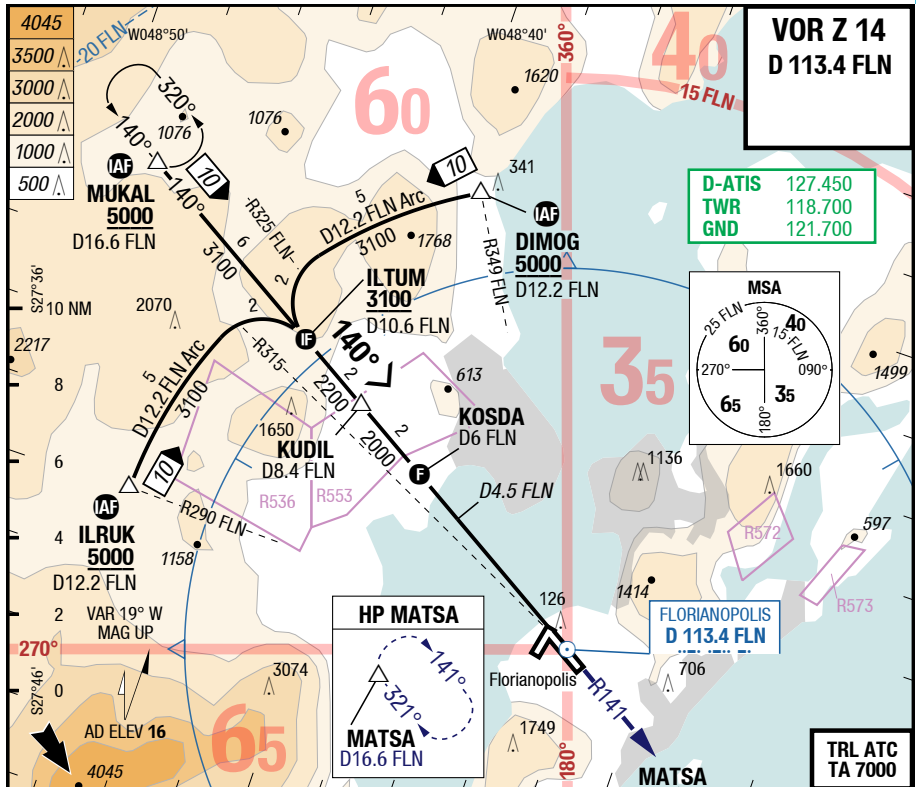
06-SEP-2018
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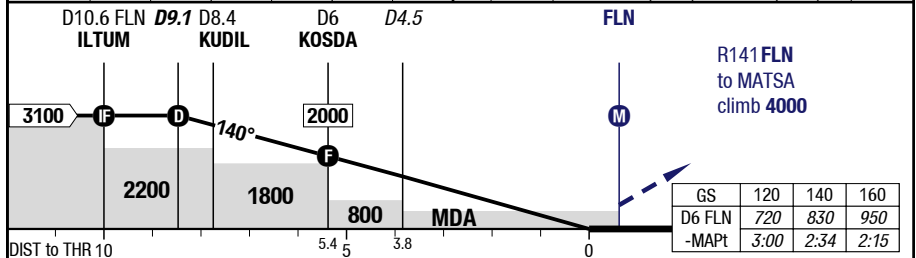
IAC

7-50

VOR Z 14



3.37° D FLN	9.1	8	5	4	3	2	14	83.0°	50 HL
	3100	2710	1640	1280	920	570		720	
								THR 17 (1hPa) / TDZ --- (---%)	0.0%



14	VOR DME GA 3.0% 1)					Circling
C	ft - m/km ft	C 500 - 1.5V 500				Not authorized
D	ft - m/km ft	C 500 - 1.5V 500				Not authorized

1) Up to 1000ft

Changes: Nil

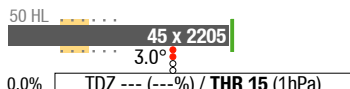
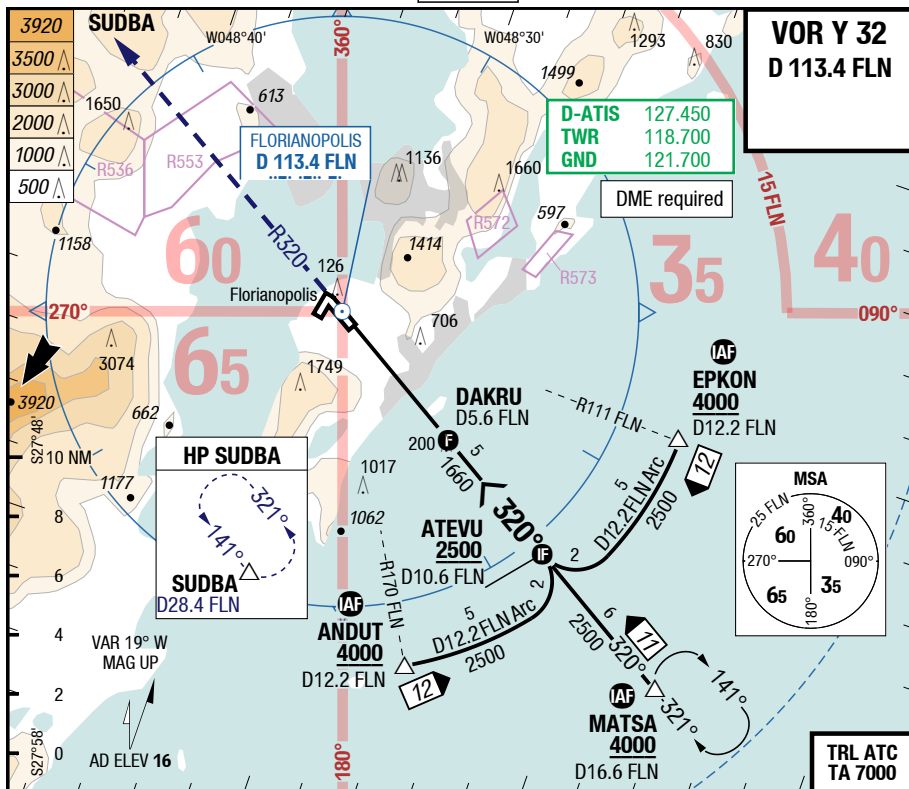
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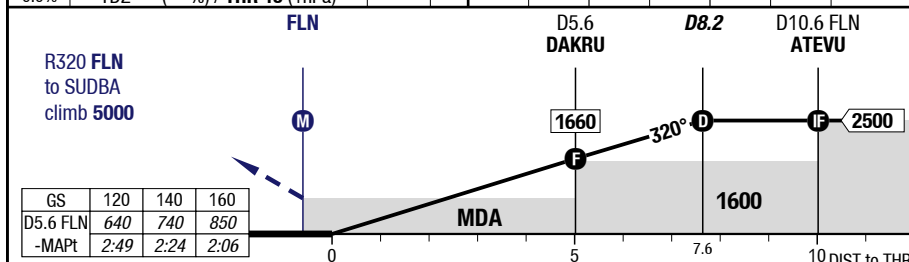
IAC

7-60

VOR Y 32



3	4	5	6	7	8.2	3.00° D FLN
840	1150	1470	1790	2110	2500	



32	VOR DME					Circling
C	ft - m/km ft	C 800 - 3.4V 750				Not authorized
D	ft - m/km ft	C 800 - 3.4V 750				Not authorized

Changes: MISAP text