

23-MAR-2017

MJN-FMNM**1-10****A0I****A0I****GENERAL****Operational Hours****ATS Hours:** 0300-1900, other times O/R before 1300 only for ACFT with DEP from and DEST to FMNM.**Airport Information****RFF:** CAT 6**Fuel:** 0300-1500, other times O/R 3HR PN**PCN:** RWY 14/32: 48/F/A/X/T**Customs:** For INTL flights and O/R**Operation****RWY Restrictions**

ACFT with MTOW at or above 49.15t / 108357lbs (B737-100), 180° turns on turning pads at RWY end only.

TWY Restrictions

TWY width 22m / 72ft.

ARRIVAL**Speed**

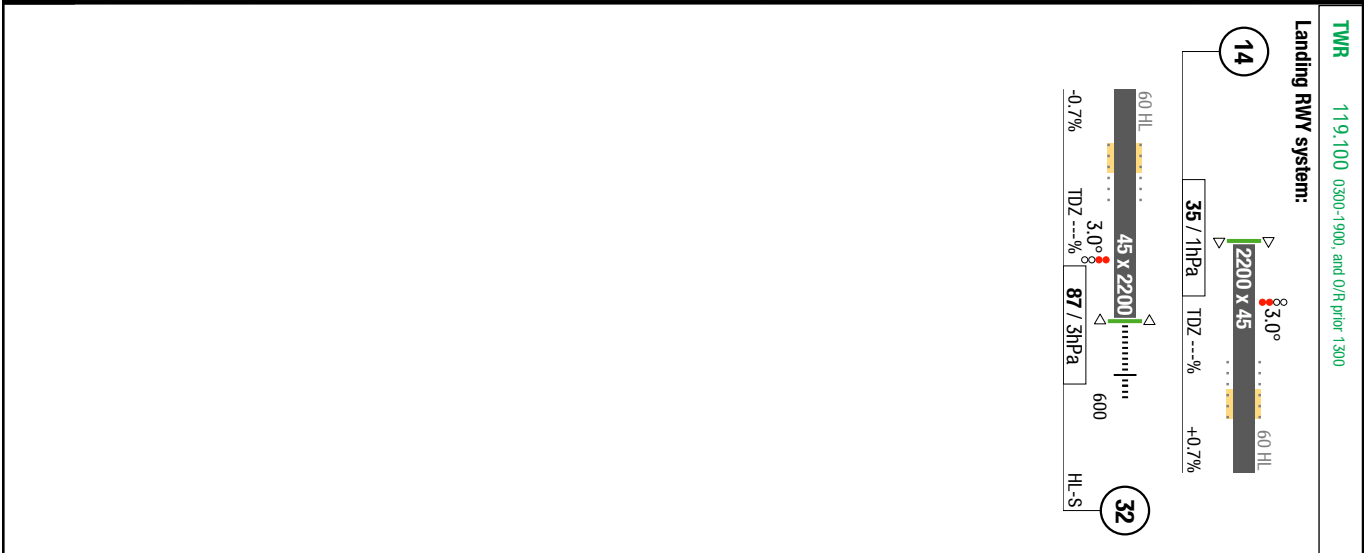
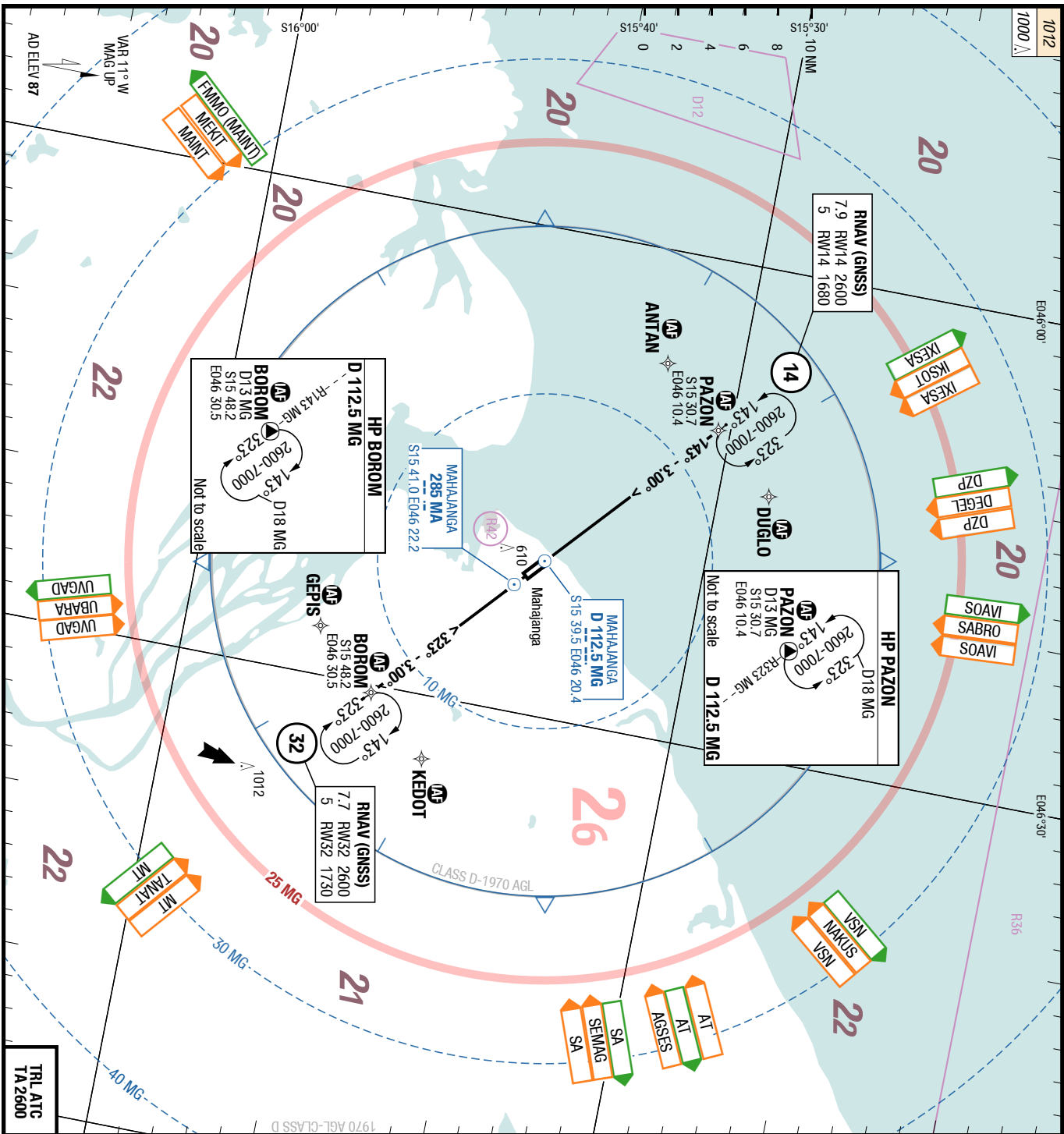
MAX IAS 250KT below FL100 not applied, except HLDG speed MAX IAS 230KT.

DEPARTURE**Take-off Minima**

RWY		14/32	
All ACFT	ft - m/km	0 - 400V	-

Speed

MAX IAS 250KT below FL100 not applied.



Effective 30-MAR-2017
23-MAR-2017

MUN-FMNM

Madagascar Mahajanga Philibert Tsiranana

3-20

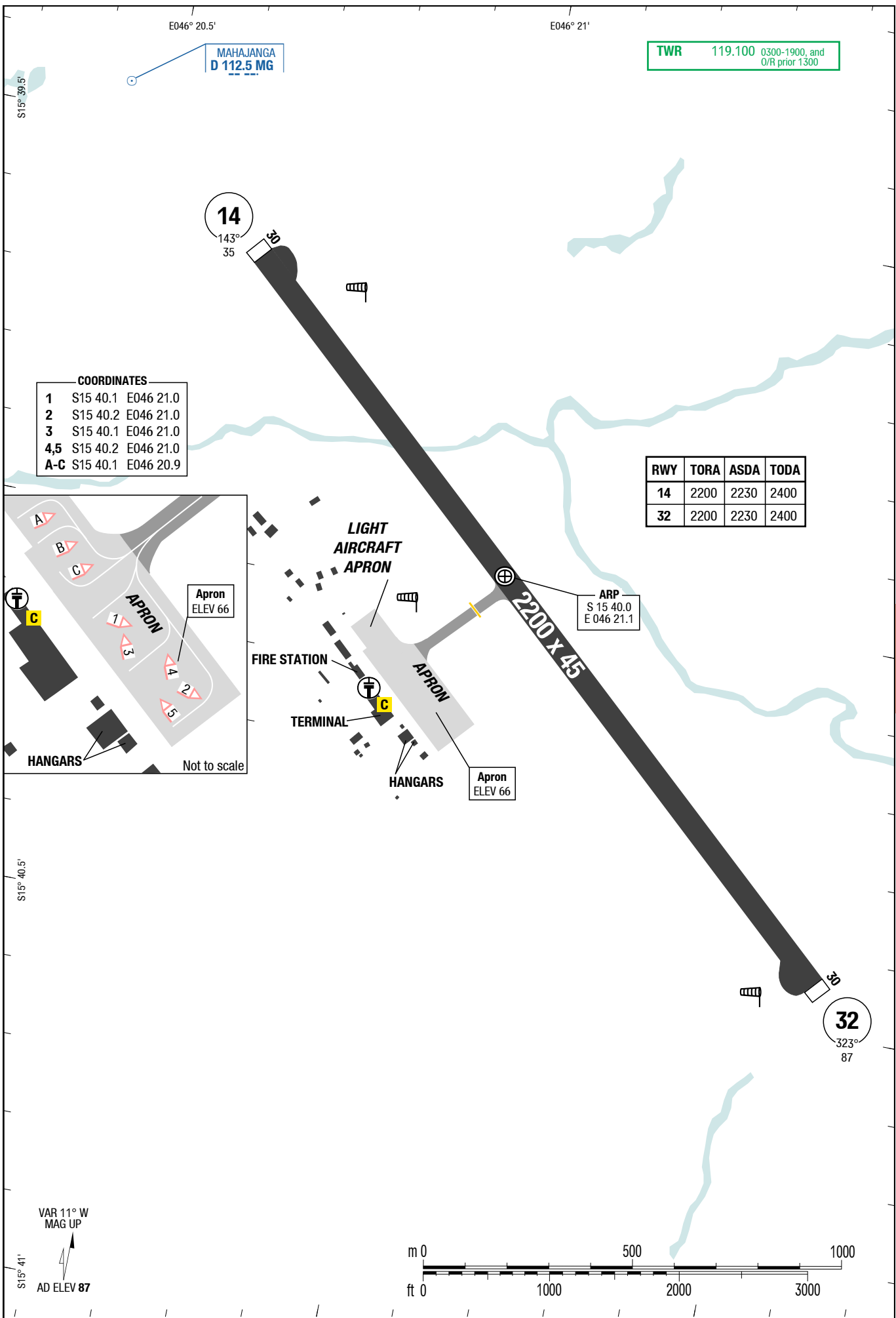
AGC

AGC

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Philibert Tsiranana Mahajanga Madagascar

AGC



31-MAR-2016
MJN-FMNM

Madagascar Mahajanga Philibert Tsiranana

NIL

DEPARTURES

4-10

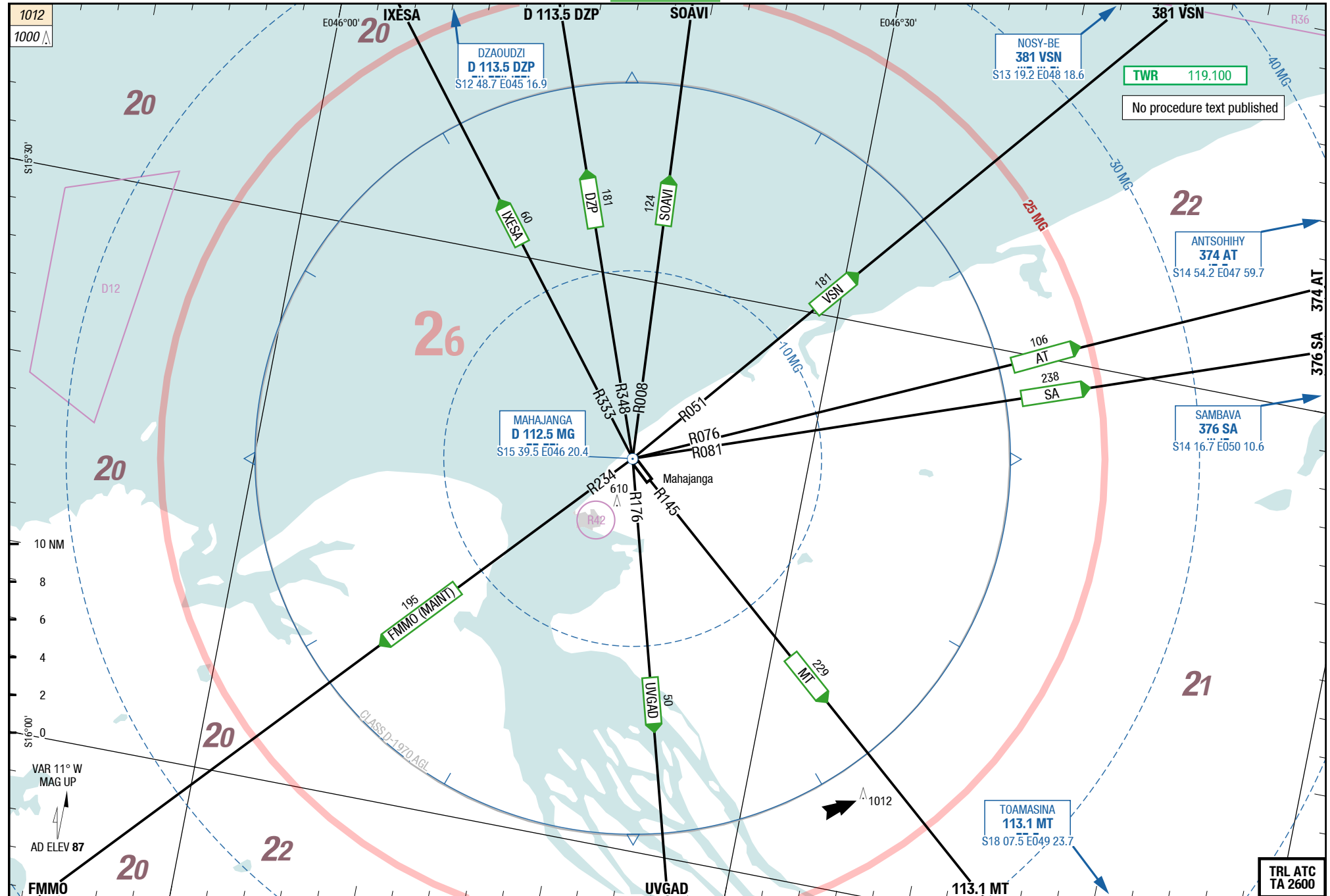
SID

SID

Philibert Tsiranana Mahajanga Madagascar

NIL

DEPARTURES



Changes: FREQ, ASP, OBST

MJN-FMNM

RNAV STARs RWY 32

6-10

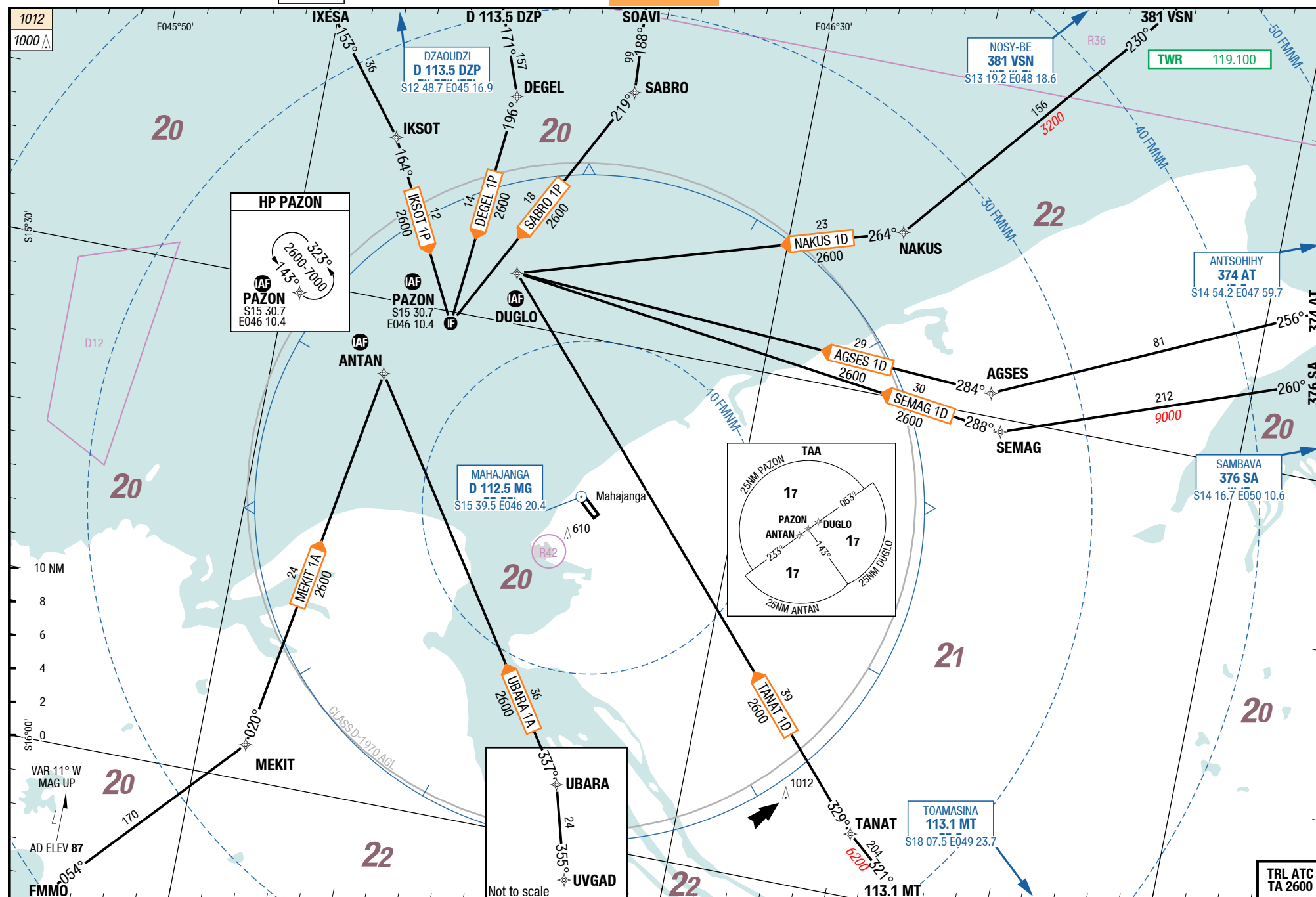
RNAV STARs RWY 14

STAR

STAR

RNAV STARs RWY 32

RNAV STARs RWY 14



Changes: FREQ, ASP, OBST

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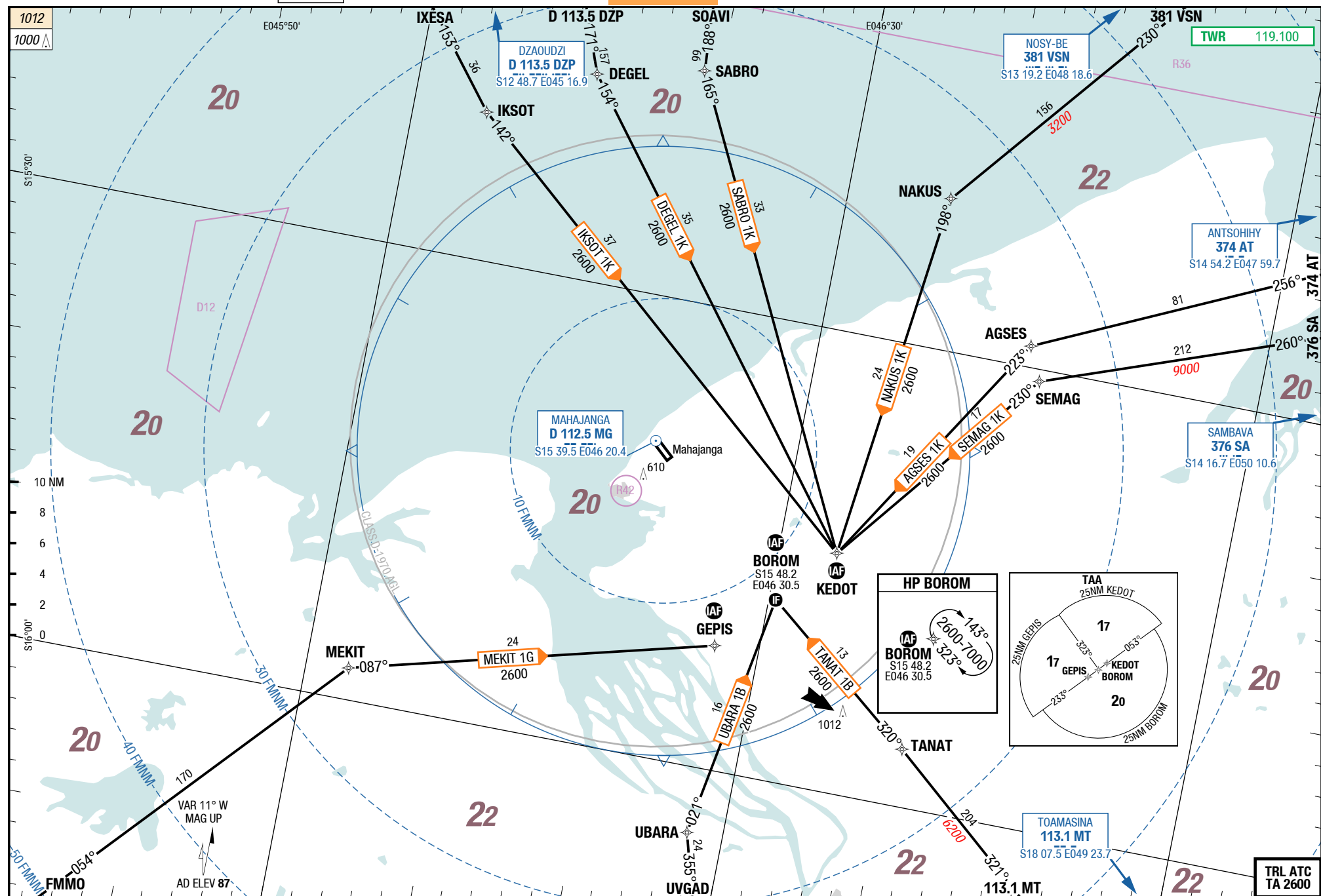
6-20

RNAV STARs RWY 32

STAR

STAR

RNAV STARs RWY 32



Changes: FREQ, ASP, OBST

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Madagascar **Mahajanga** Philibert Tsiranana

STARs RWY 14 (P ARR)

6-30

STARs (V / Z ARR)

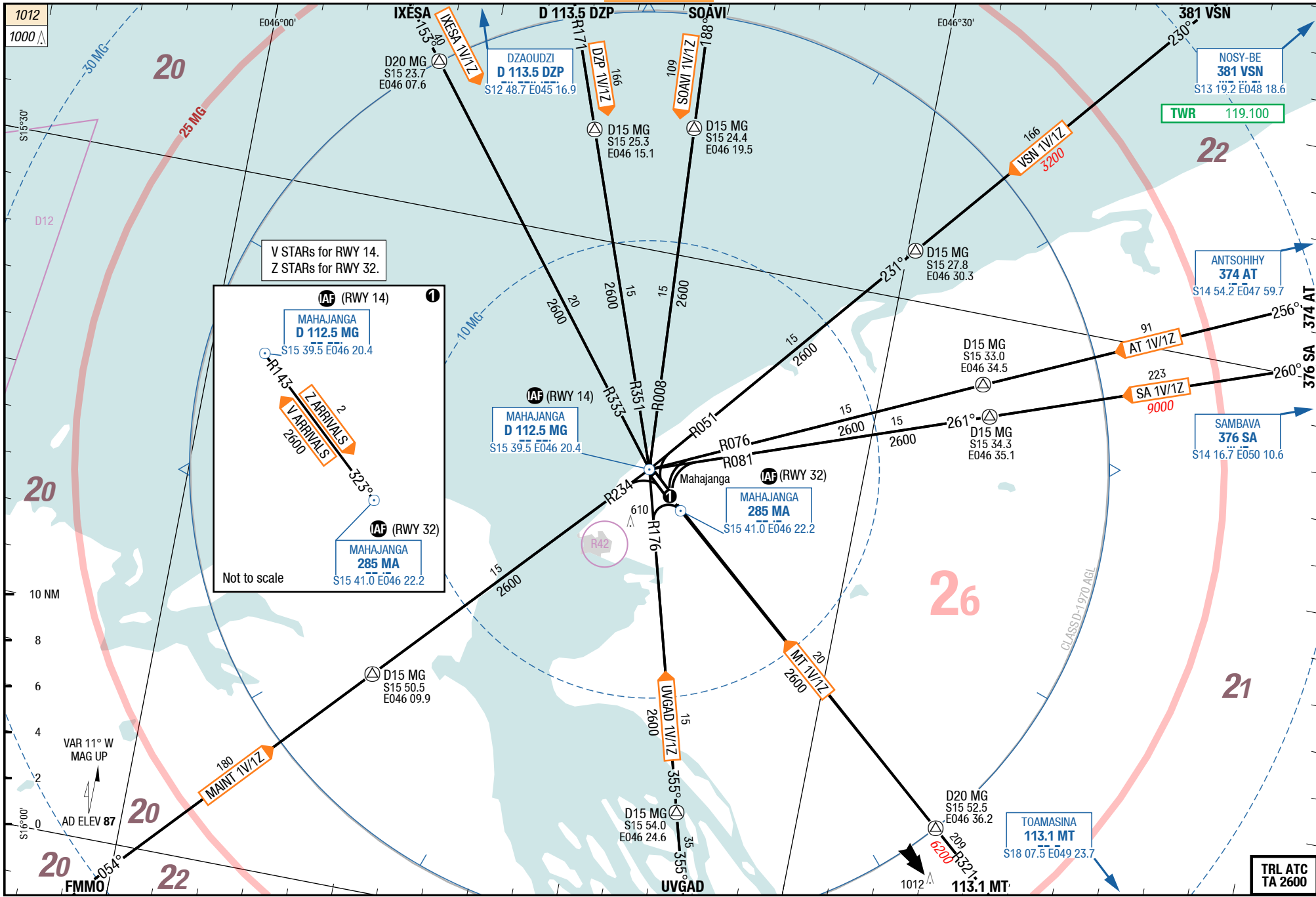
STAR

STAR

Philibert Tsiranana **Mahajanga** Madagascar

STARs RWY 14 (P ARR)

STARs (V / Z ARR)



Changes: FREQ, ASP, OBST

TRL ATC
TA 2600

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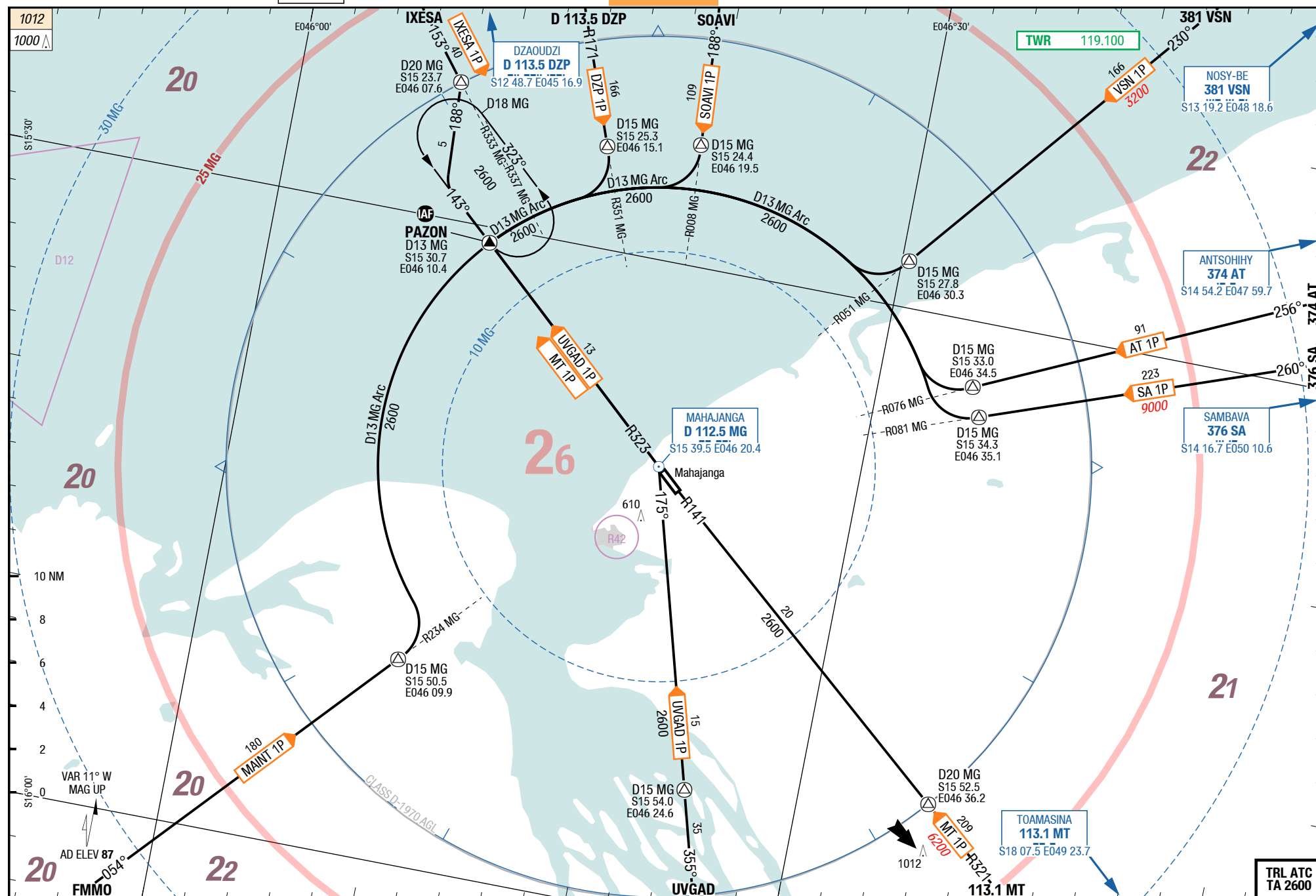
6-40

STARs RWY 14 (P ARR)

STAR

STAR

STARs RWY 14 (P ARR)



Changes: FREQ, ASP, OBST

TRL ATC
TA 2600

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MJN-FMNM

NIL

6-50

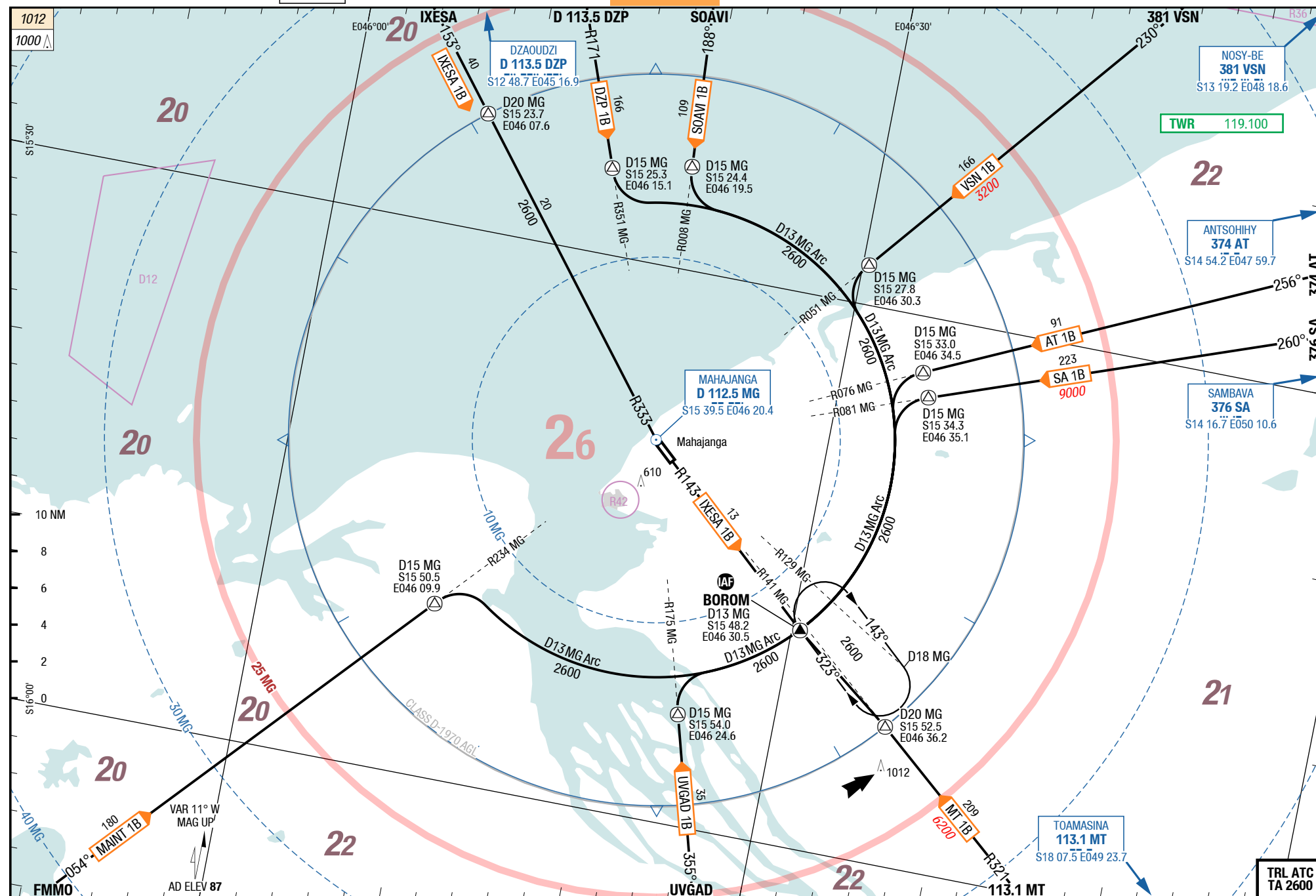
STARs RWY 32 (B ARR)

STAR

STAR

NIL

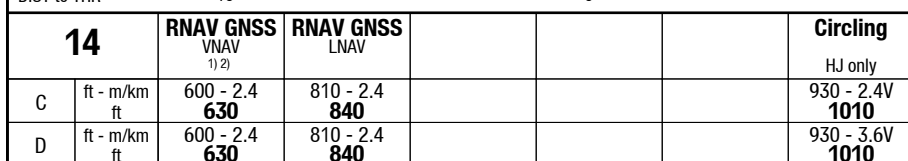
STARs RWY 32 (B ARR)



Changes: FREQ, ASP, OBST

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RNAV (GNSS) 14



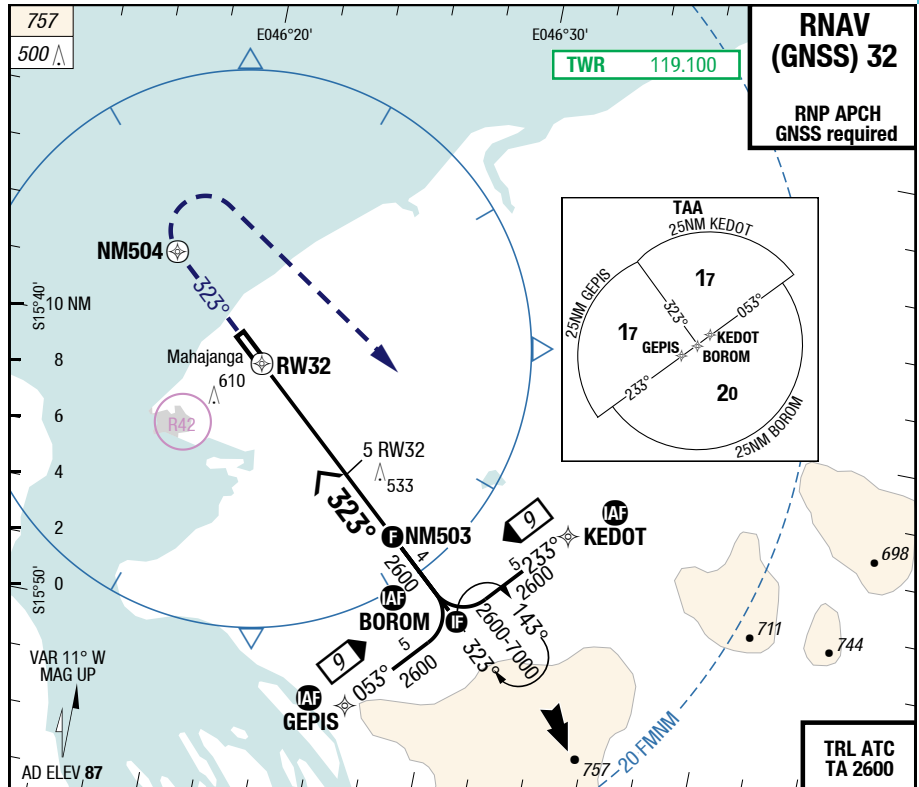
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7-20

RNAV (GNSS) 32



32		RNAV GNSS VNAV 1) 2)	RNAV GNSS LNAV	Circling HJ only	
C	ft - m/km ft	600 - 2.3 680	760 - 2.4 840	930 - 2.4V 1010	
D	ft - m/km ft	600 - 2.3 680	760 - 2.4 840	930 - 3.6V 1010	

1) Uncompensated BARO VNAV NA below 15°C (59°F)
2) With EVS 1.5km

Changes: Nil

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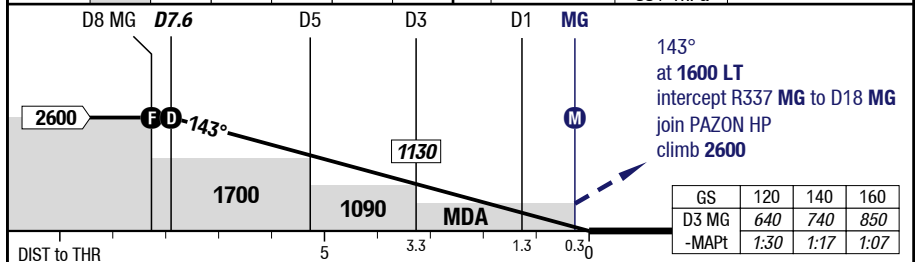
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7-30

VOR Z 14



3.00° D MG	7.6	6	5	4	2	14	3.0° 2200 x 45 60 HL	35 / 1hPa	TDZ ---%	+0.7%
	2600	2090	1770	1450	810					



14	VOR DME 1)				Circling HJ only
C	ft - m/km ft	660 - 2.4 690			930 - 2.4V 1010
D	ft - m/km ft	660 - 2.4 690			930 - 3.6V 1010

1) Timing to determine MAPt NA

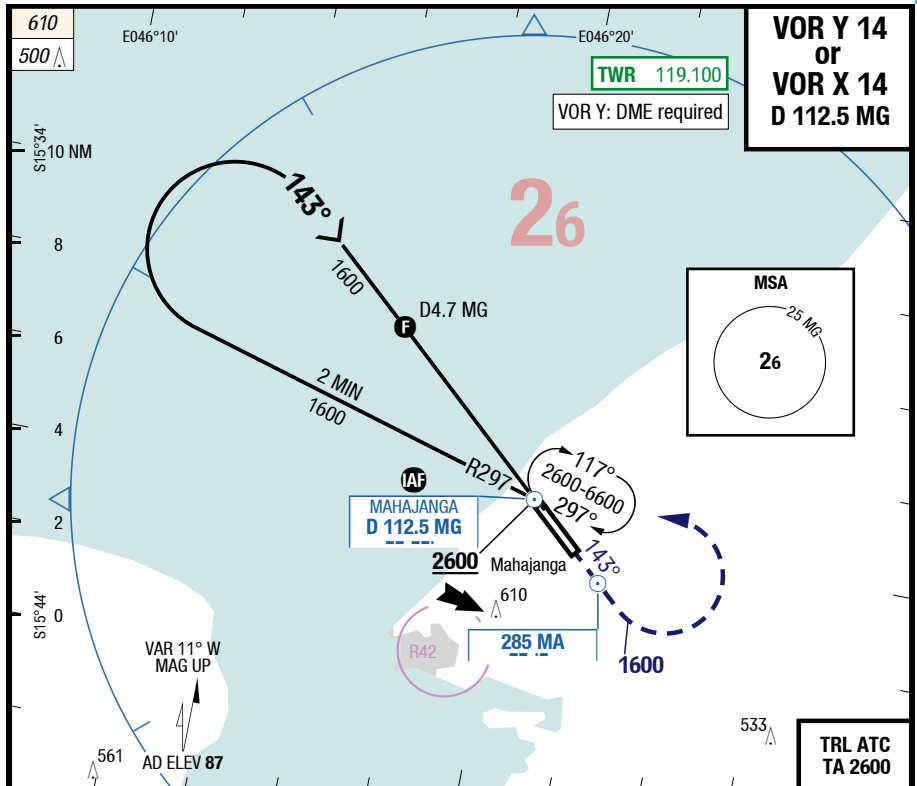
Changes: MIN, APL, OBST, Profile

31-MAR-2016

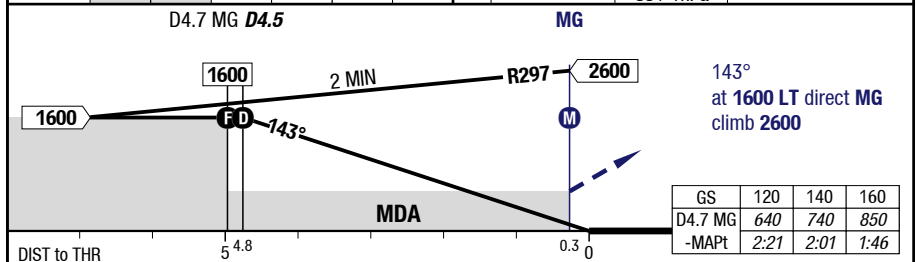
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7-40

VOR Y / VOR X 14



3.00°			4.5	4	3	2		3.0°	60 HL	
D MG			1600	1450	1130	810	14	2200 x 45		
								35 / 1hPa	TDZ ---%	+0.7%



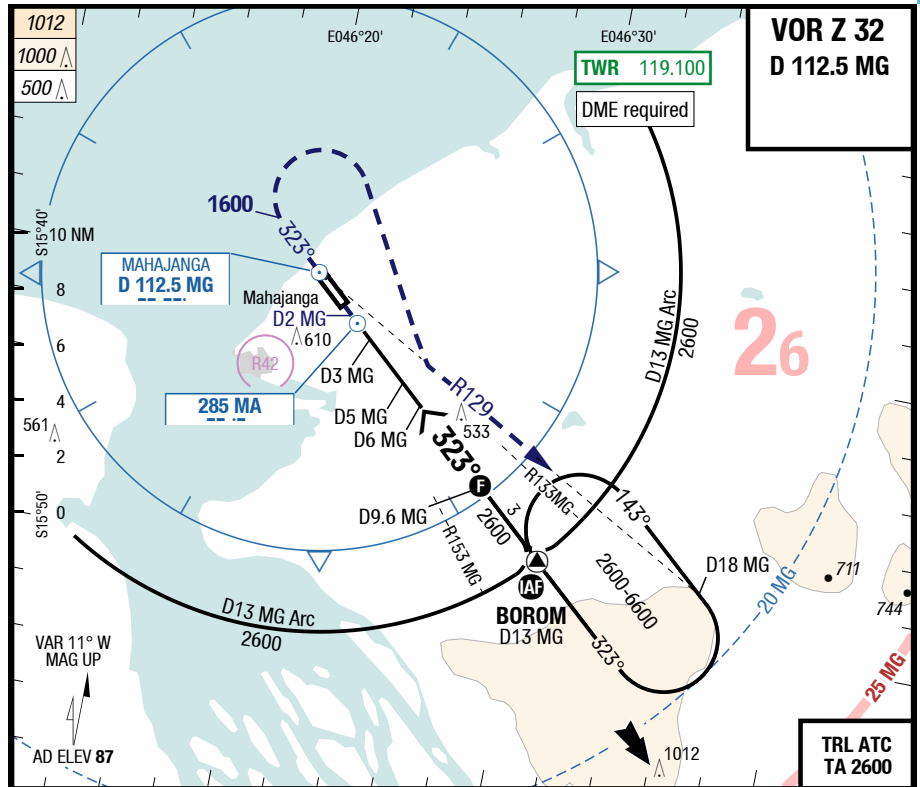
14		VOR DME YANKEE	VOR XRAY				Circling HJ only
C	ft - m/km ft	660 - 2.4 690	710 - 2.4 740				930 - 2.4V 1010
D	ft - m/km ft	660 - 2.4 690	710 - 2.4 740				930 - 3.6V 1010

31-MAR-2016

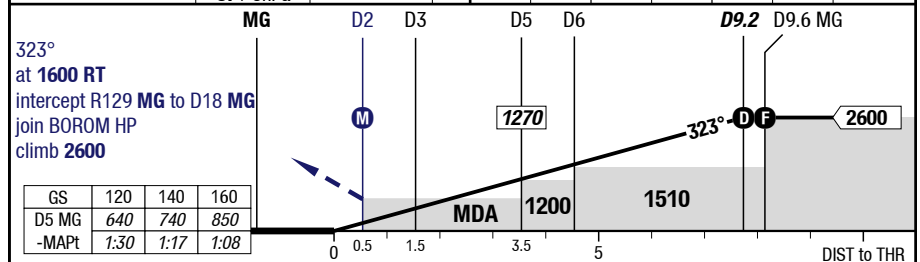
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7-50

VOR Z 32



60 HL	45 x 2200	3.0°	600	4	6	7	8	9	9.2	3.00°
-0.7%	TDZ ---%	87 / 3hPa	HL-S	950	1590	1910	2220	2540	2600	D MG



32	VOR DME						Circling
	1)						HJ only
C	ft - m/km ft	760 - 2.4 840					930 - 2.4V 1010
D	ft - m/km ft	760 - 2.4 840					930 - 3.6V 1010

1) Timing to determine MAPt NA

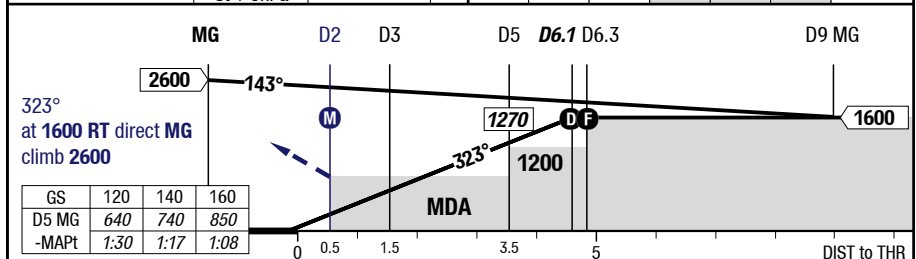
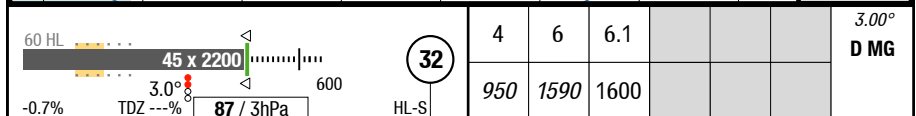
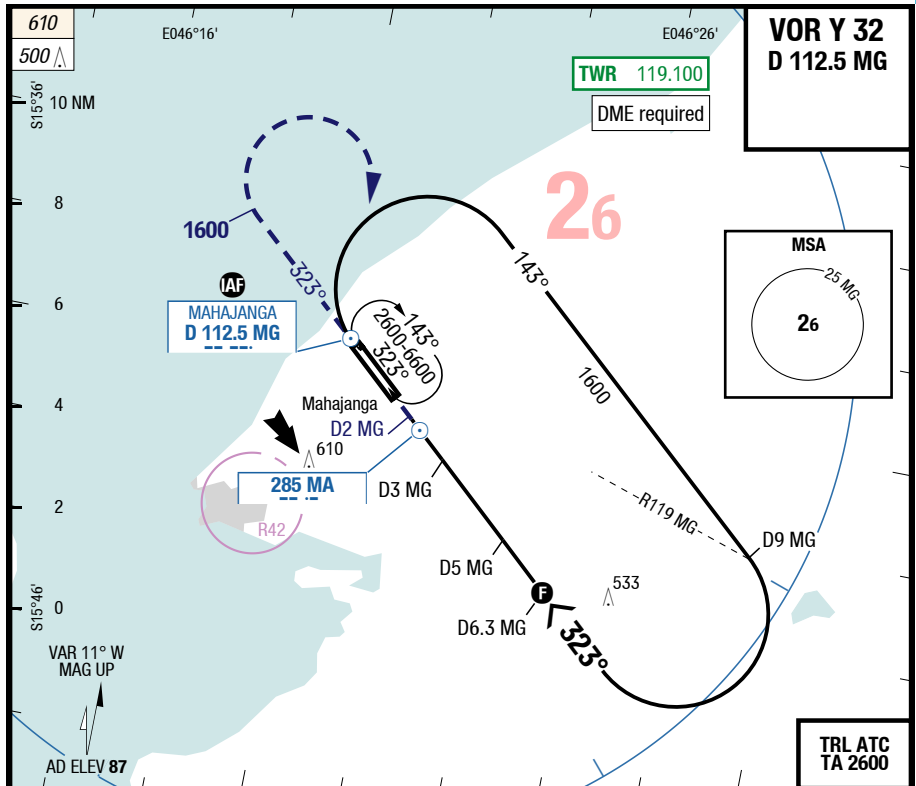
Changes: MIN, APL, DIST ALT table, OBST, Profile

31-MAR-2016

MJN-FMNM

7-60

VOR Y 32



32		VOR DME				Circling HJ only	
C	ft - m/km ft	760 - 2.4 840				930 - 2.4V 1010	
D	ft - m/km ft	760 - 2.4 840				930 - 3.6V 1010	

Changes: MIN, APL, DIST ALT table, Profile, OBST

NDB 32

