

GENERAL**Operational Hours****ATS Hours:** H24**AD ADMIN Hours:** MON-FRI 1400-2300. Other times O/R, request to be submitted not later than 2100.**Airport Information****RFF:** CAT 8**PCN:** RWY 10/28: 71/F/A/X/T**Operation****TWY Restriction**

TWY H width 20m / 66ft.

TWY E width 6m / 20ft.

Warnings

TWY in front of main APN may be obstructed by removed ACFT, taxi with caution according to ATC instructions.

DEPARTURE**Take-off Minima**

RWY		10	
All ACFT	ft - m/km	0 - 1.2V	Applicable ILS RWY 10 APCH PROC
		0 - 1.6V	Applicable LOC RWY 10 APCH PROC
		0 - 3.2V	Applicable VOR RWY 10 APCH PROC
RWY		28	
All ACFT	ft - m/km	0 - 3.2V	Applicable VOR RWY 28 APCH PROC

ATC Slot, Clearance

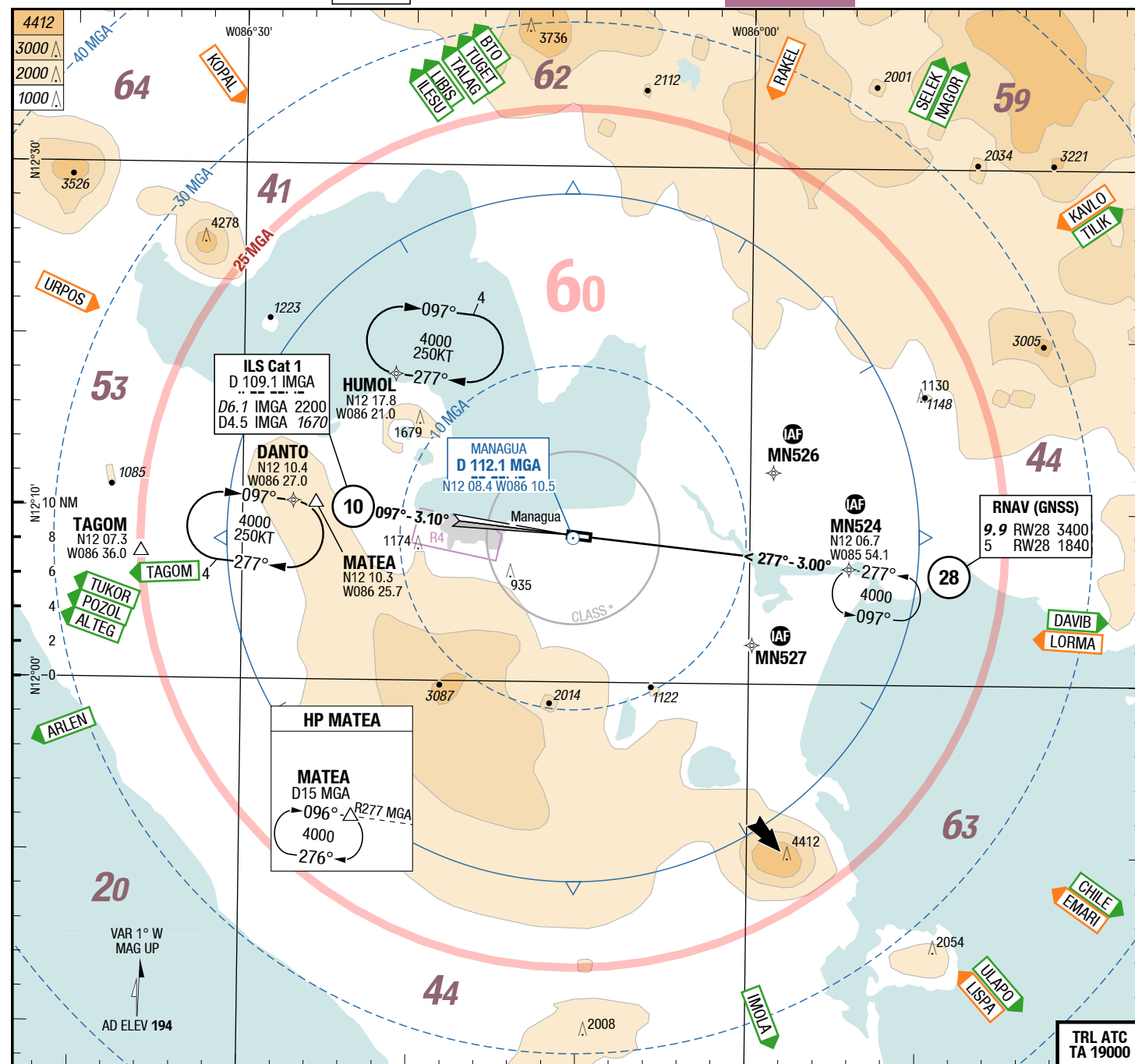
Contact GND MAX 10min prior to ENG start-up for ATC CLR.

MGA-MNMG

AFC

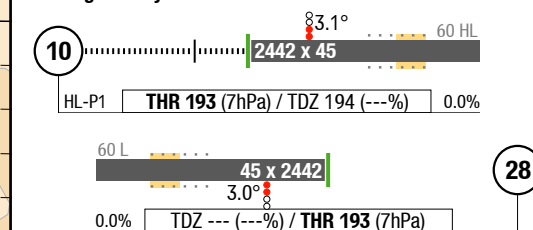
AFC

2-10



ATIS	127.650	AWOS
Sandino APP	119.400	
Sandino TWR	118.100	
Sandino GND	121.900	
Sandino RDO	126.900	

Landing RWY system:



Changes: ALT, OBST

Effective 26-APR-2018

19-APR-2018

MGA-MNMG

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AGC

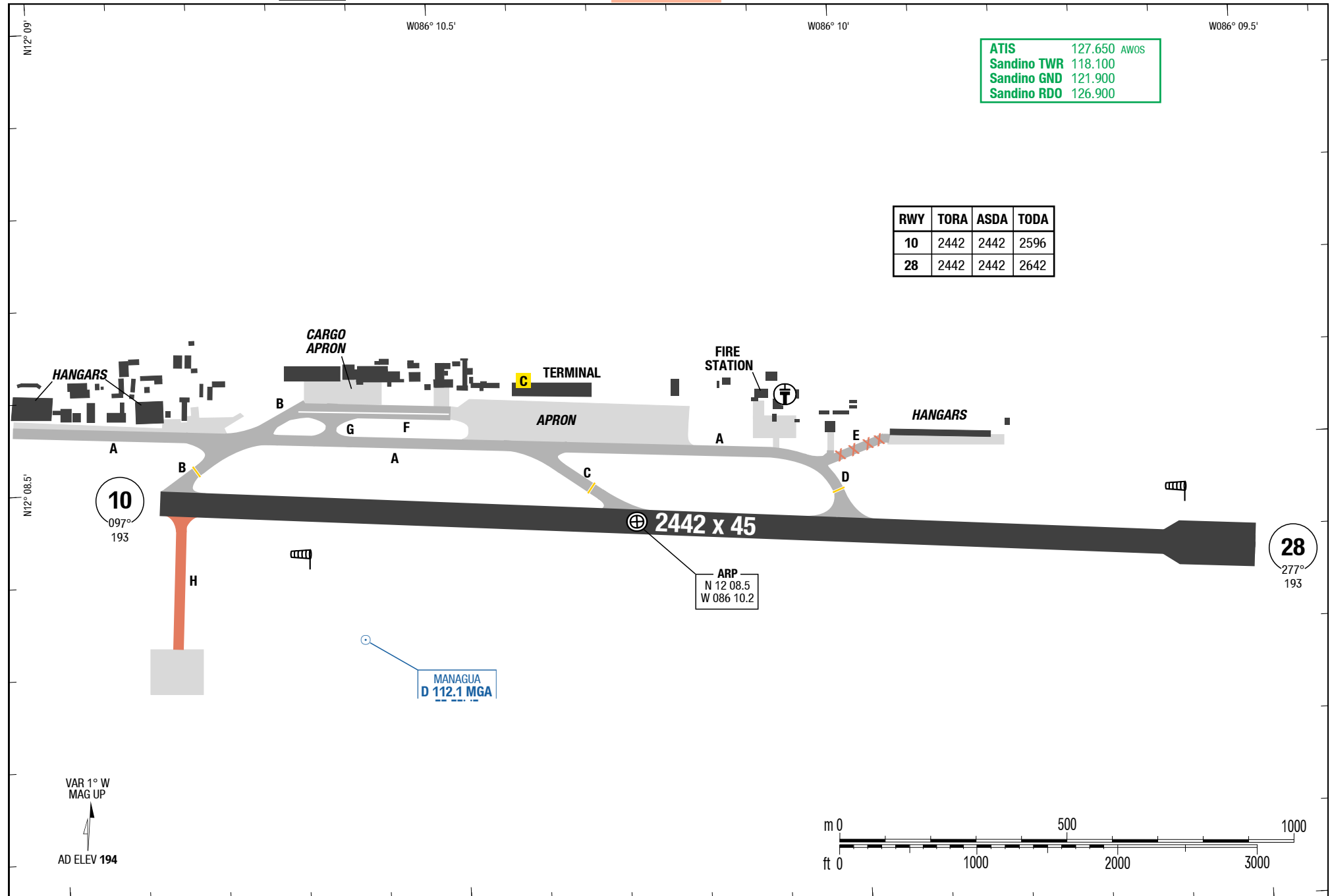
AGC

AGC

Augusto Cesar Sandino Intl **Managua** Nicaragua

AGC

3-20



Changes: Nil

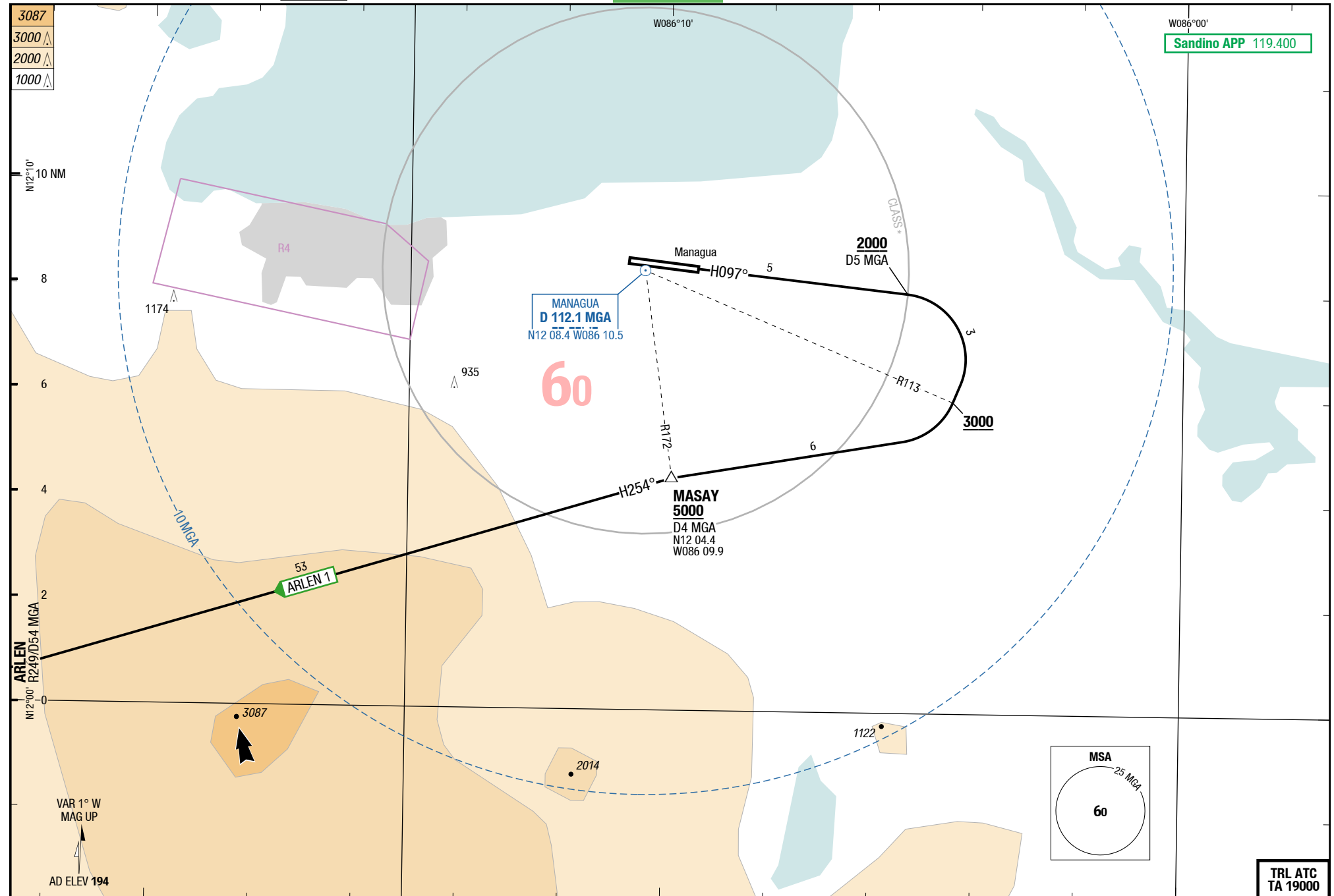
MGA-MNMG

ARLEN 1

SID

SID

ARLEN 1



Changes: Completely revised

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Effective 22-JUN-2017
15-JUN-2017

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MGA-MNMG

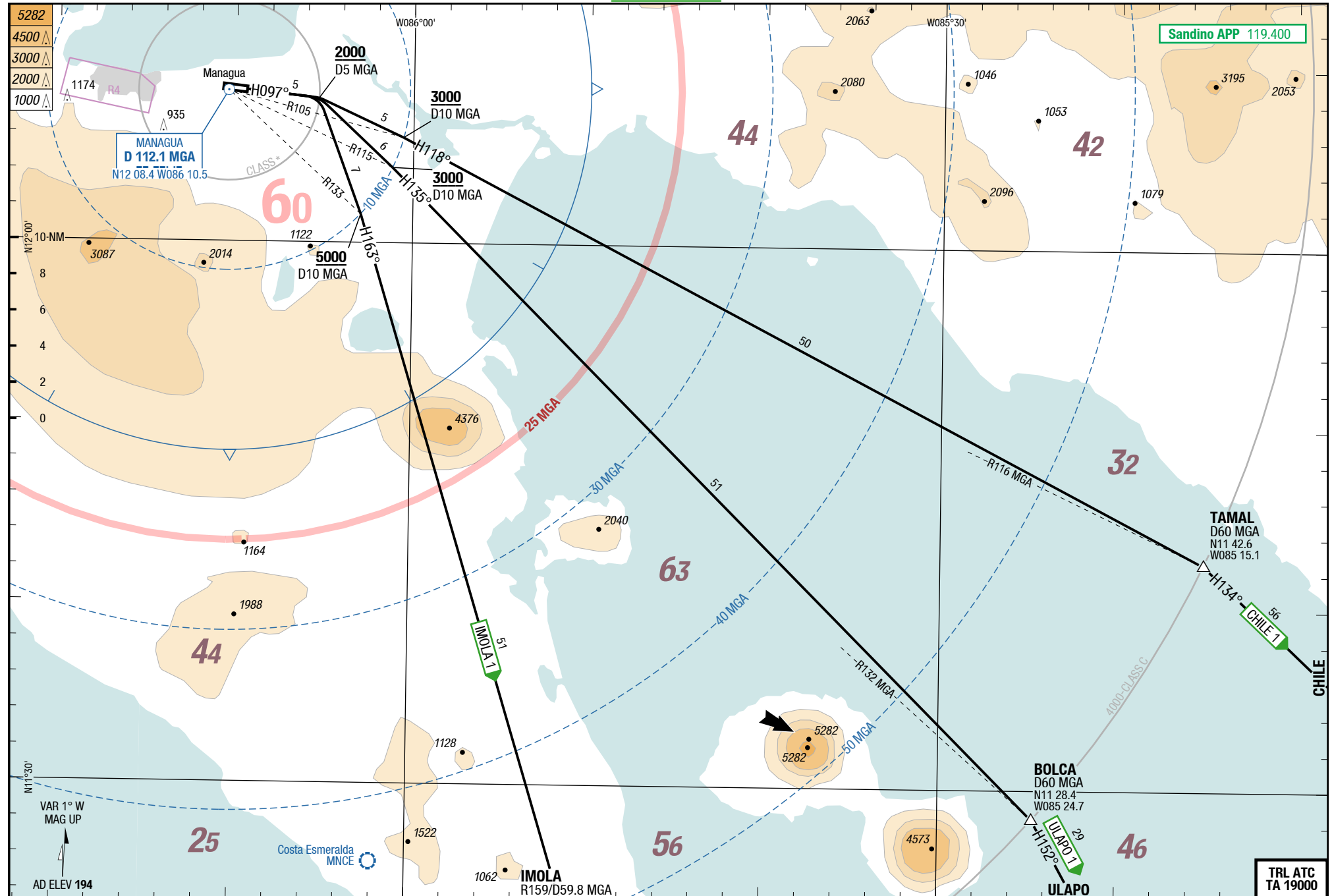
4-20

CHILE 1 / IMOLA 1 / ULAPO 1

SID

SID

CHILE 1 / IMOLA 1 / ULAPO 1



Changes: Completely revised

05-OCT-2017

MGA-MNMG

Nicaragua Managua Augusto Cesar Sandino Intl

ILESU 1 / LIBIS 1

4-30

DAVIB 1 / NAGOR 1 / TILIK 1

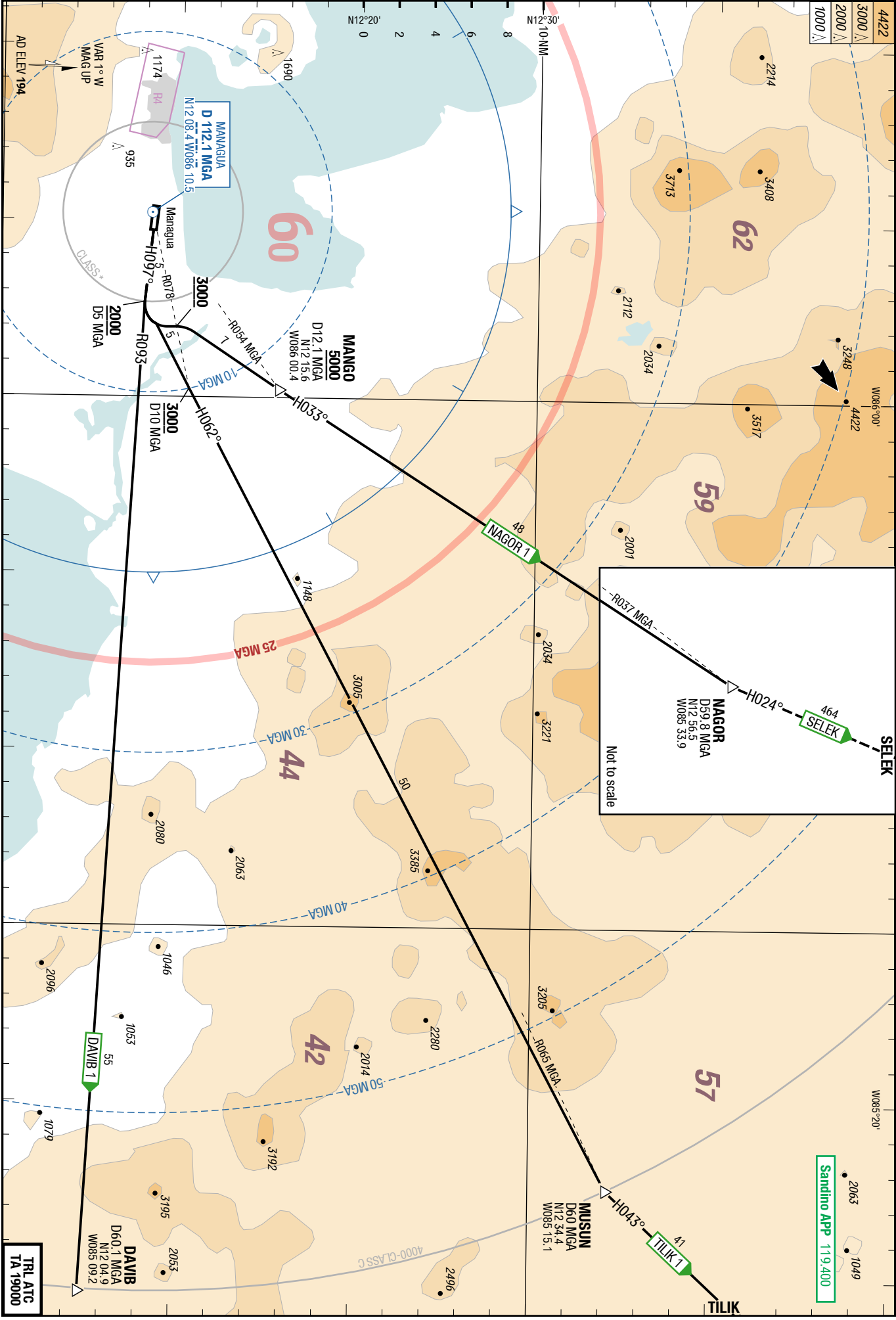
SID

SID

Augusto Cesar Sandino Intl Managua Nicaragua

ILESU 1 / LIBIS 1

DAVIB 1 / NAGOR 1 / TILIK 1



Changes: Nil

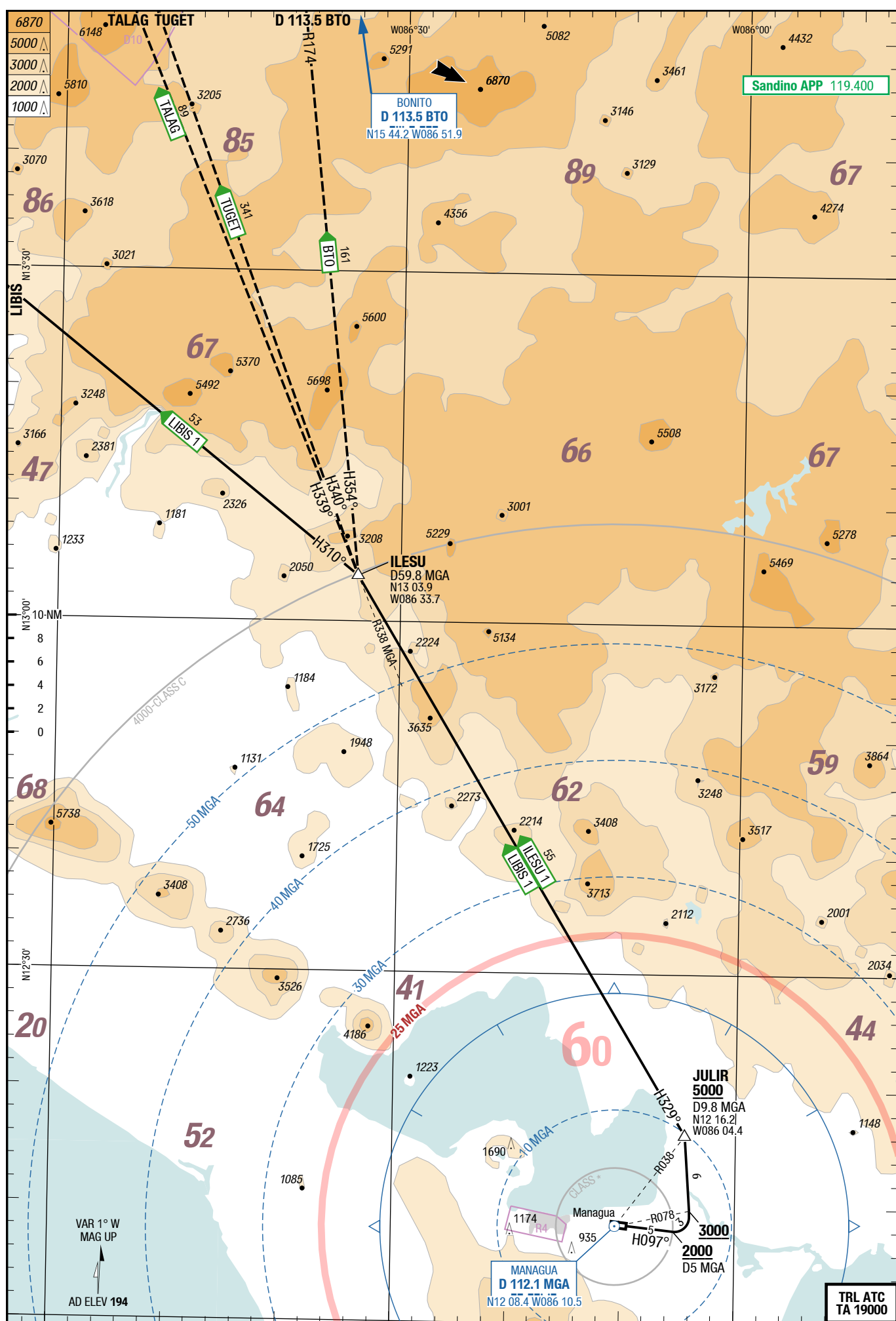
MGA-MNMG

4-40

ILESU 1 / LIBIS 1

SID**SID**

ILESU 1 / LIBIS 1



MGA-MNMG

NIL

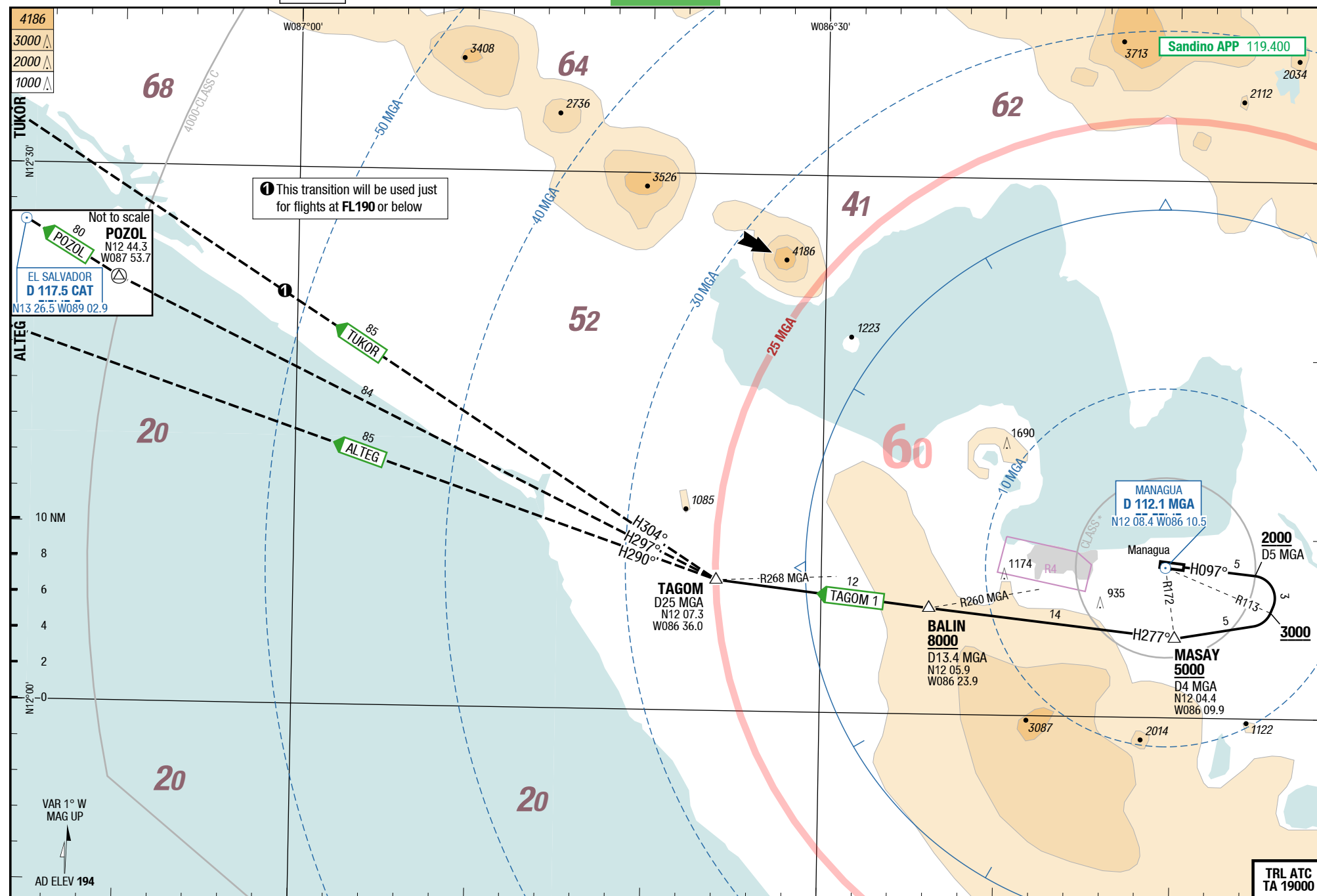
TAGOM 1

SID

SID

NIL

TAGOM 1



Changes: Completely revised

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MGA-MNMG

5-10

ARLEN 1**ARLEN 1**

RWY 10 (097°)

	GS	120	150	180	210	240	270
5.0%	ft/MIN	700	800	1000	1100	1300	1400
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 10	
ARLEN 1 7.0% to 2000 5.0% to MASAY 119.400	HDG 097° - at D5 MGA RT direct MASAY - LT HDG 254° to ARLEN	D5 MGA MNM 2000 R113 MGA MNM 3000 MASAY MNM 5000

15-JUN-2017

MGA-MNMG

5-20

CHILE 1 / IMOLA 1 / ULAPO 1

CHILE 1 / IMOLA 1 / ULAPO 1

RWY 10 (097°)

	GS	120	150	180	210	240	270
5.0%	ft/MIN	700	800	1000	1100	1300	1400
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 10	
CHILE 1 7.0% to 2000 5.0% to D10 MGA 119.400	HDG 097° - at D5 MGA RT HDG 118° to TAMAL - RT HDG 134° to CHILE	D5 MGA MNM 2000 R105/D10 MGA MNM 3000
IMOLA 1 7.0% to 2000 5.0% to D10 MGA 119.400	HDG 097° - at D5 MGA RT HDG 163° to IMOLA	D5 MGA MNM 2000 R133/D10 MGA MNM 5000
ULAPO 1 7.0% to 2000 5.0% to D10 MGA 119.400	HDG 097° - at D5 MGA RT HDG 135° to BOLCA - RT HDG 152° to ULAPO	D5 MGA MNM 2000 R115/D10 MGA MNM 3000

05-OCT-2017

MGA-MNMG**5-30****DAVIB 1 / NAGOR 1 / TILIK 1****DAVIB 1 / NAGOR 1 / TILIK 1**

RWY 10 (097°)

	GS	120	150	180	210	240	270
5.0%	ft/MIN	700	800	1000	1100	1300	1400
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 10	
DAVIB 1 7.0% to 2000 119.400	HDG 097° - at D5 MGA intercept R093 to DAVIB	D5 MGA MNM 2000
NAGOR 1 7.0% to 2000 5.0% to MANGO 119.400	HDG 097° - at D5 MGA LT direct MANGO - RT HDG 033° to NAGOR	D5 MGA MNM 2000 R078 MGA MNM 3000 MANGO MNM 5000
	TRANSITION	
	SELEK NAGOR - LT HDG 024° to SELEK	
TILIK 1 7.0% to 2000 119.400	HDG 097° - at D5 MGA LT H062° to MUSUN - LT HDG 043° to TILIK	D5 MGA MNM 2000 R078/D10 MGA MNM 3000

Changes: Nil

05-OCT-2017

MGA-MNMG**5-40****ILESU 1 / LIBIS 1****ILESU 1 / LIBIS 1**

RWY 10 (097°)

	GS	120	150	180	210	240	270
4.9%	ft/MIN	600	800	900	1100	1200	1400
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 10	
ILESU 1 7.0% to 2000 4.9% to JULIR 119.400	HDG 097° - at D5 MGA LT direct JULIR - HDG 329° to ILESU	D5 MGA MNM 2000 cross R078 MGA MNM 3000 JULIR MNM 5000
	TRANSITION	
	BONITO (BTO) ILESU - RT HDG 354° to BTO	
	TALAG ILESU - RT HDG 339° to TALAG	
	TUGET ILESU - RT HDG 340° to TUGET	
LIBIS 1 7.0% to 2000 4.9% to JULIR 119.400	HDG 097° - at D5 MGA LT direct JULIR - HDG 329° to ILESU - LT HDG 310° to LIBIS	D5 MGA MNM 2000 cross R078 MGA MNM 3000 JULIR MNM 5000

TAGOM 1

RWY 10 (097°)

	GS	120	150	180	210	240	270
4.9%	ft/MIN	600	800	900	1100	1200	1400
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 10	
TAGOM 1 7.0% to 2000 4.9% to TAGOM 119.400	HDG 097° - at D5 MGA RT direct MASAY - HDG 277° to TAGOM via BALIN	D5 MGA MNM 2000 cross R113 MGA MNM 3000 MASAY MNM 5000 BALIN MNM 8000
	TRANSITION	
	ALTEG TAGOM - RT HDG 290° to ALTEG	
	POZOL TAGOM - RT HDG 297° to POZOL - CAT	
	TUKOR TAGOM - RT HDG 304° to TUKOR	

Effective 26-APR-2018

19-APR-2018

MGA-MNMG

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NIL

Transitions

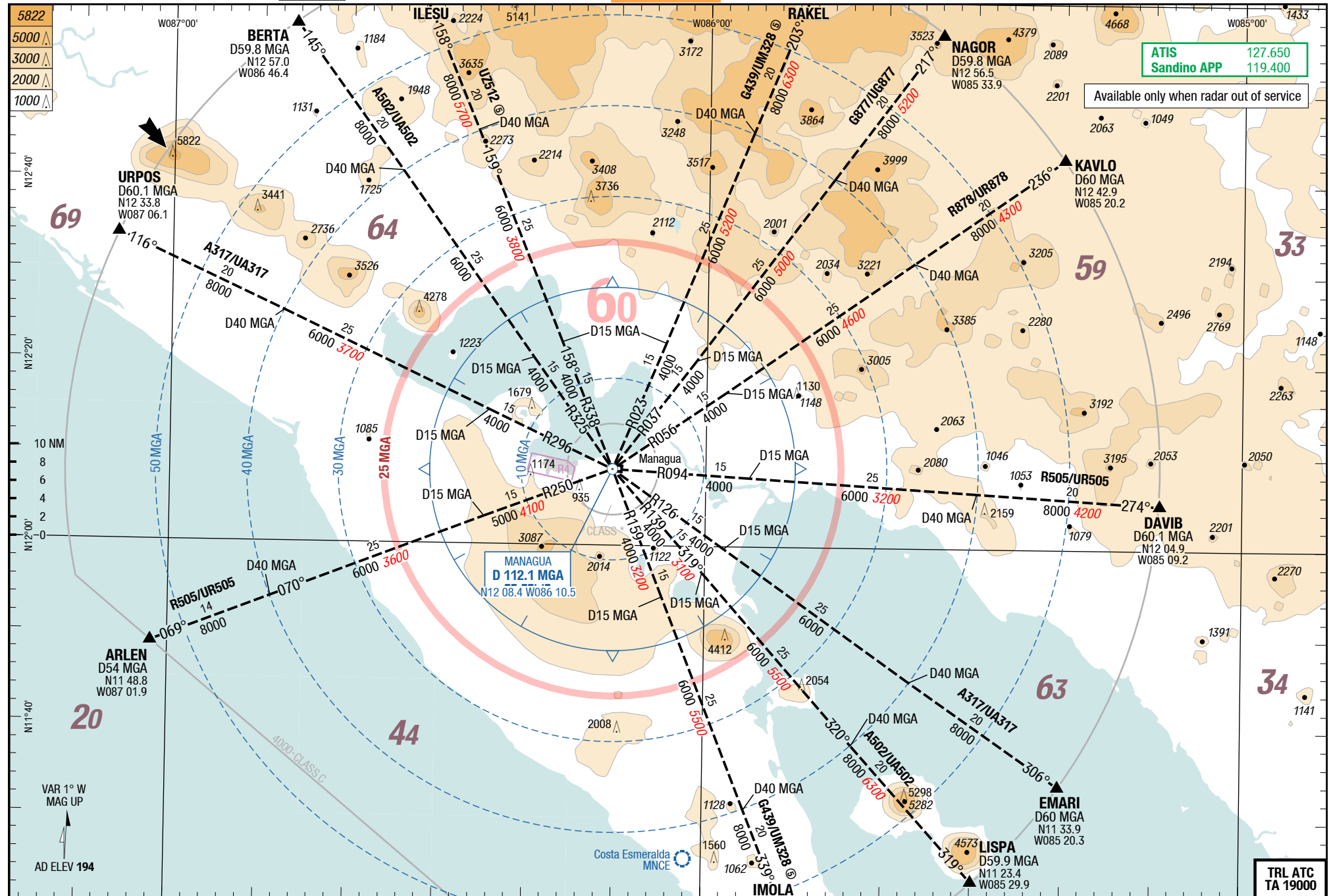
STAR

STAR

Augusto Cesar Sandino Intl **Managua** Nicaragua

NIL

Transitions



Changes: New

19-APR-2018

RNAV STARs 1B RWY 10

6-30

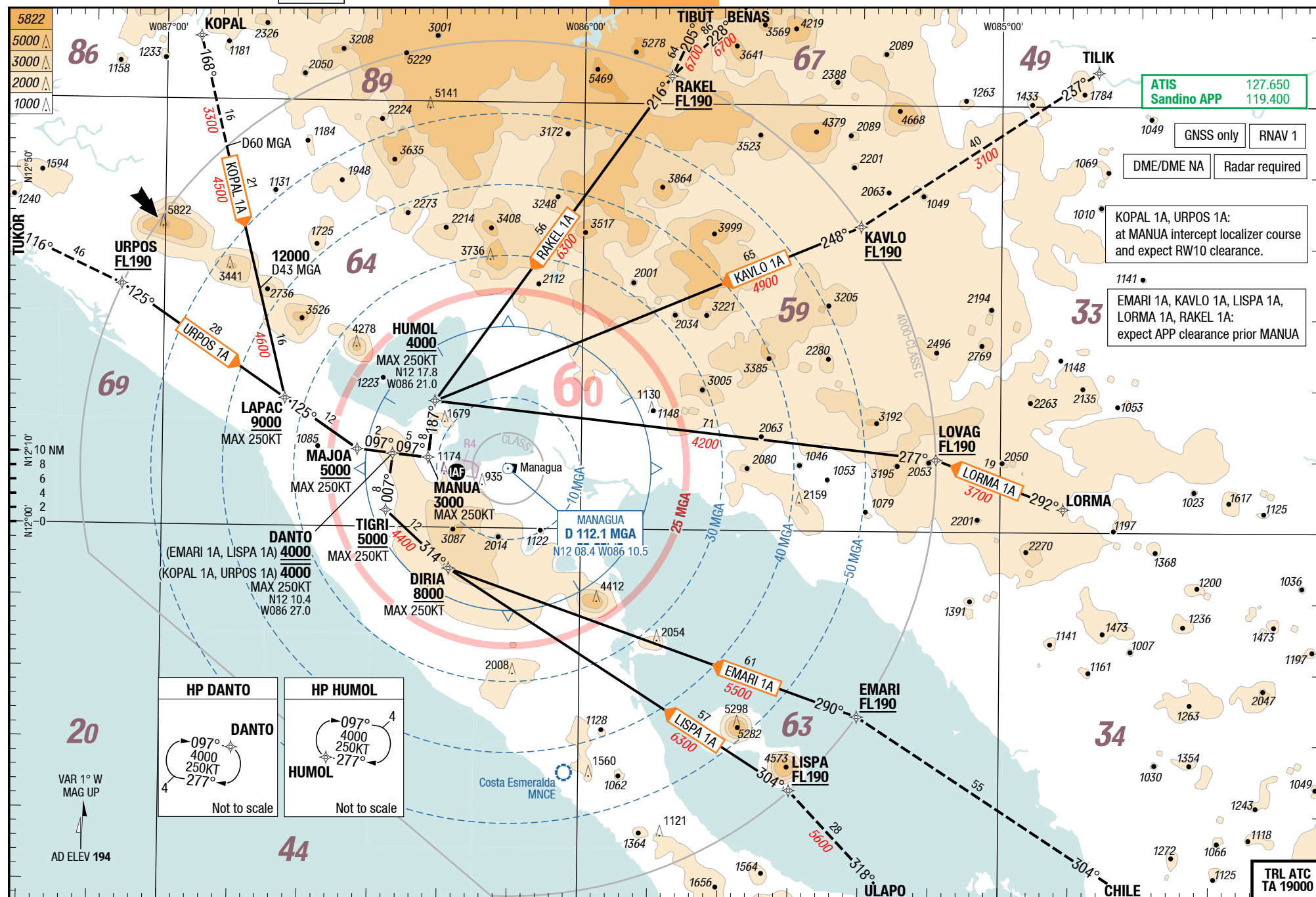
RNAV STARs 1A RWY 10

STAR

STAR

RNAV STARs 1B RWY 10

RNAV STARs 1A RWY 10



Changes: ALT, chart title, WPT , MGA, Track, OBST, Note

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Effective 26-APR-2018
19-APR-2018

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MGA-MNMG

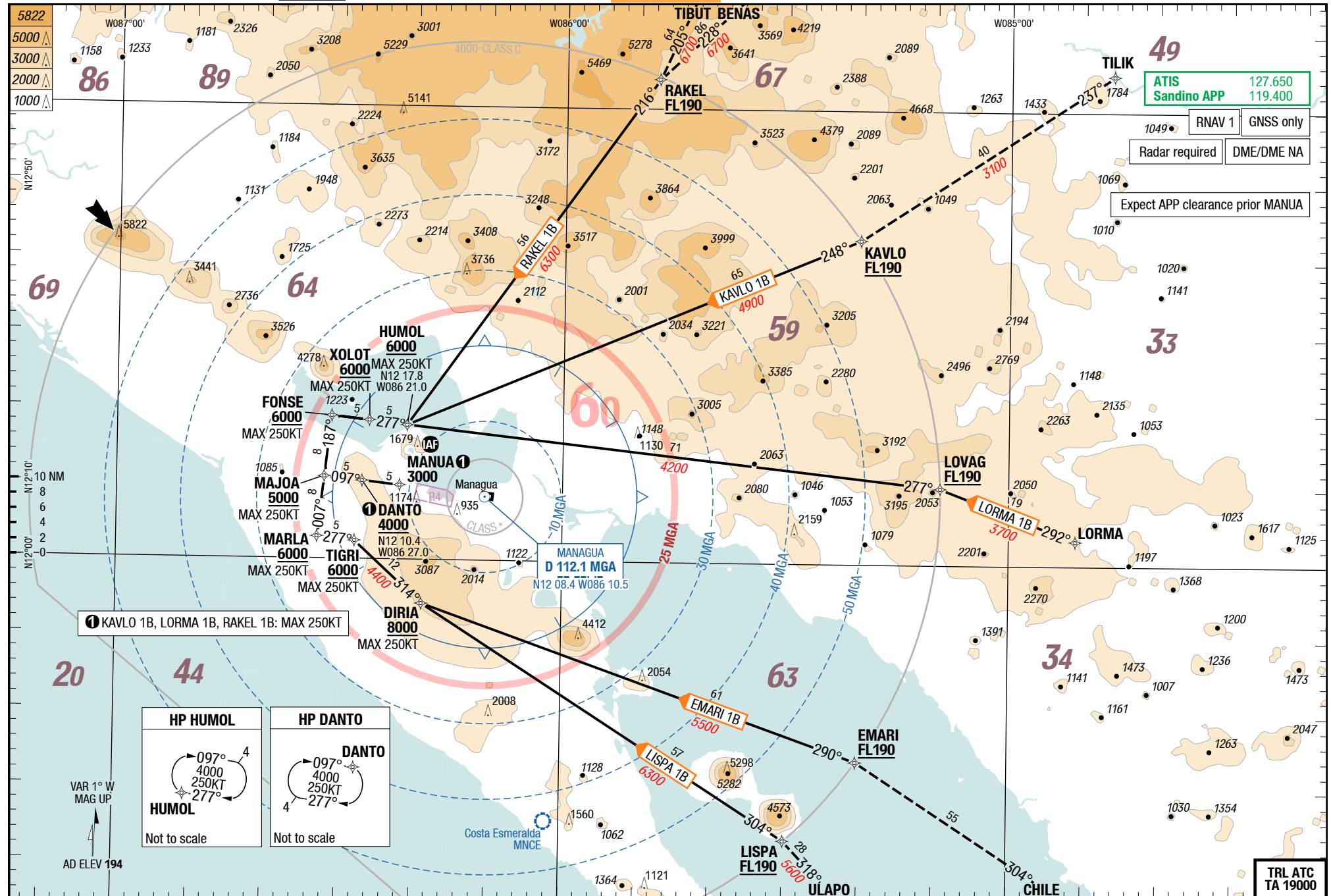
6-40

RNAV STARs 1B RWY 10

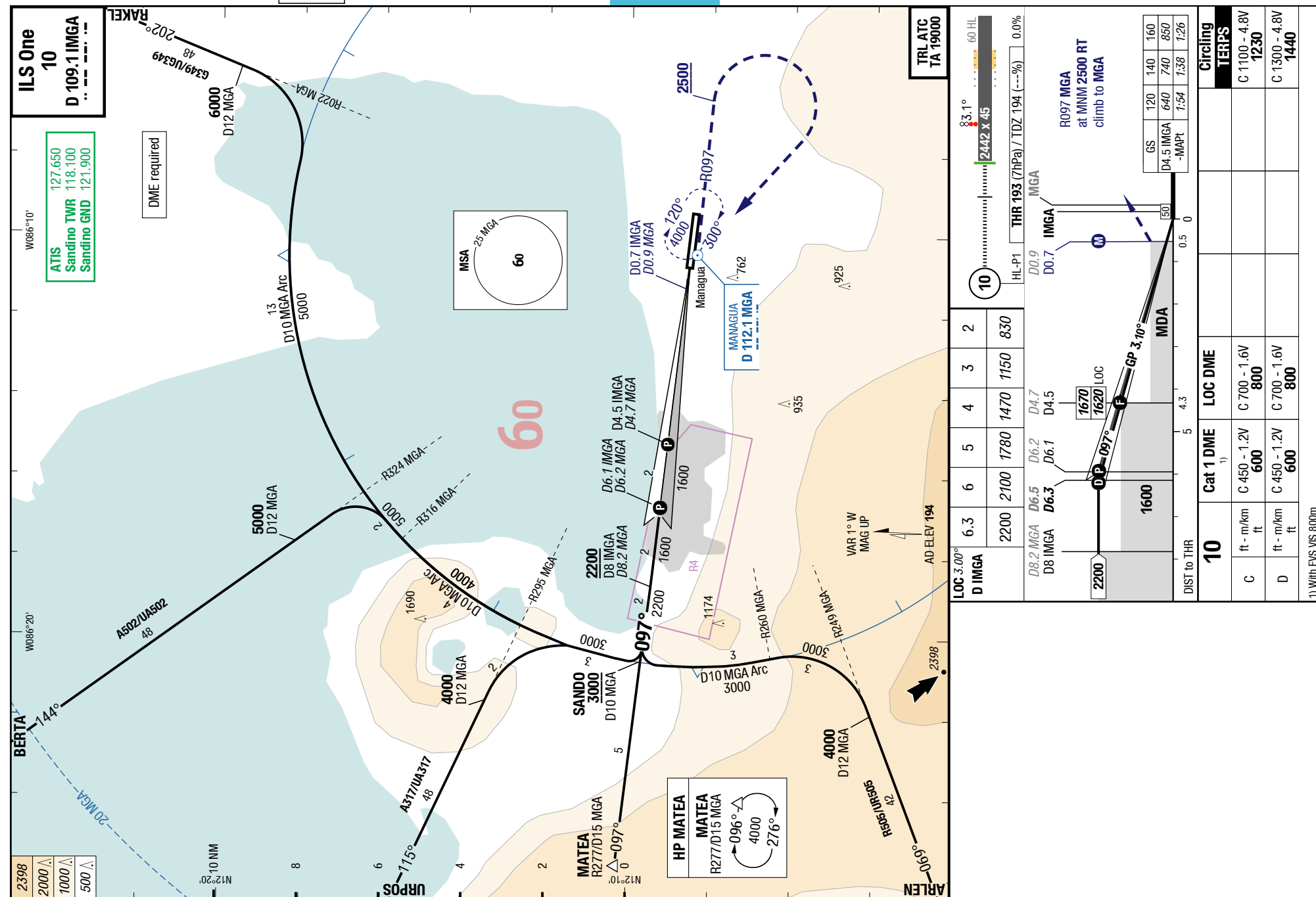
STAR

STAR

RNAV STARs 1B RWY 10



Changes: New



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ILS Two 10

IAC

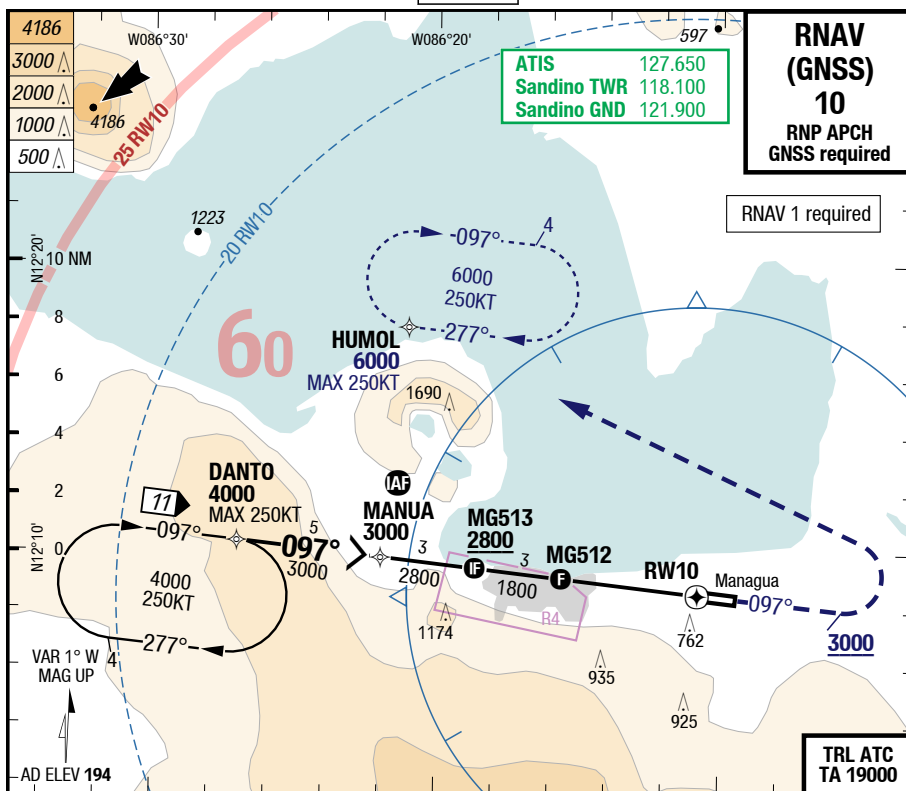
ILS DME or LOC 10



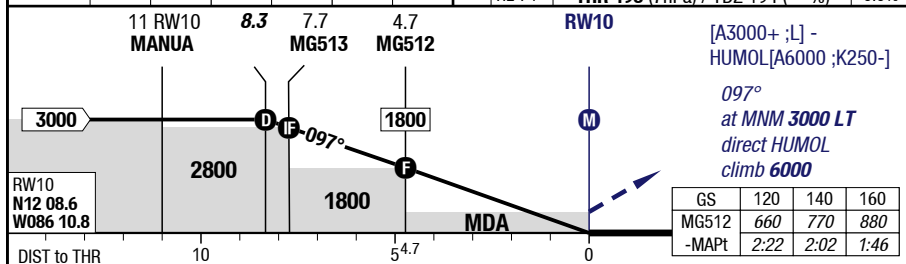
MGA-MNMG

7-30

RNAV (GNSS) 10



3.10° RW10	8.3	6	5	4	3	2	
	3000	2230	1900	1570	1230	900	

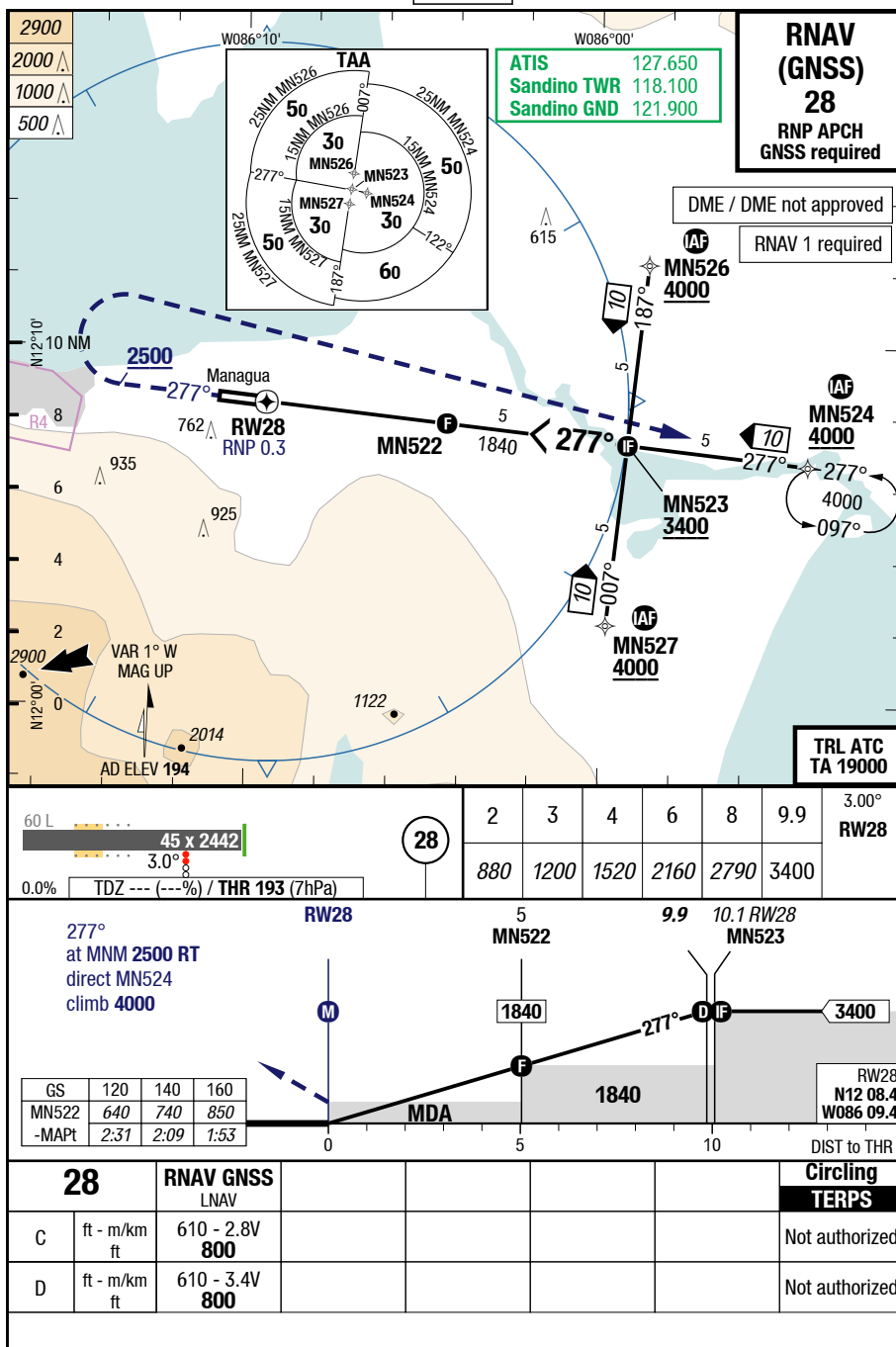


10		RNAV GNSS LNAV					Circling TERPS
C	ft - m/km ft	510 - 2.0V 700					Not published
D	ft - m/km ft	510 - 2.4V 700					Not published

MGA-MNMG

7-40

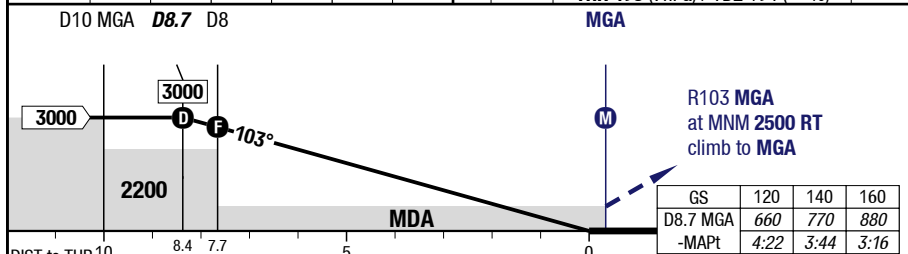
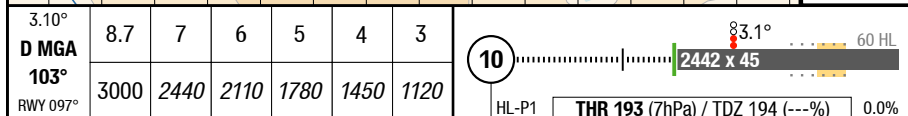
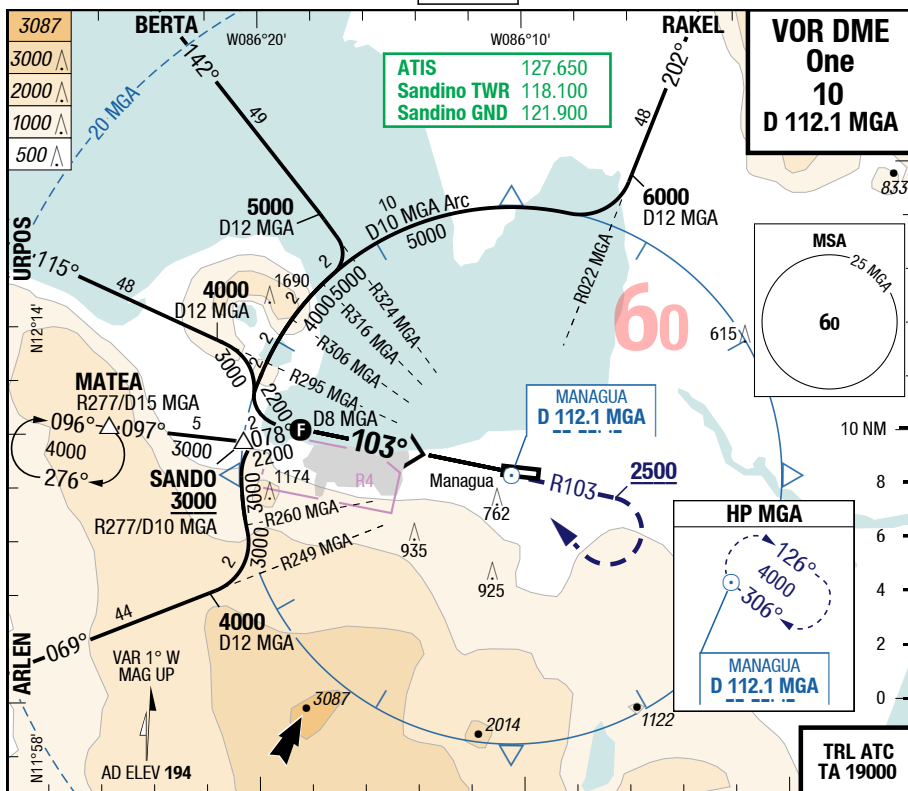
RNAV (GNSS) 28



MGA-MNMG

7-50

VOR DME One 10

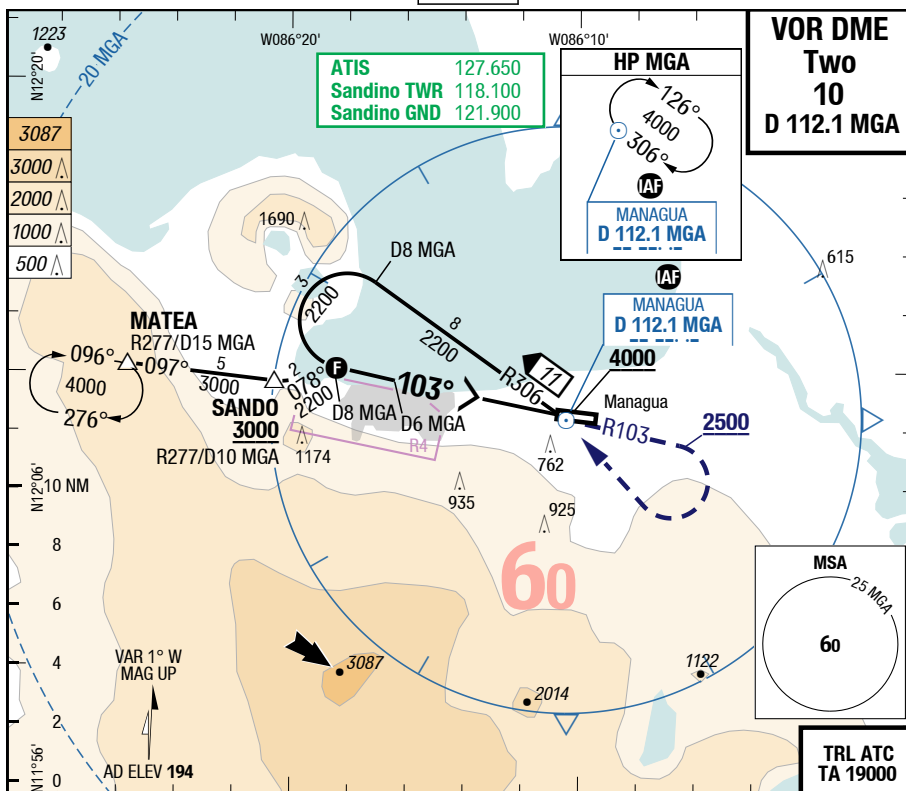


10		VOR DME					Circling TERPS
C	ft - m/km ft	C 700 - 2.8V 800					C 1100 - 4.8V 1230
D	ft - m/km ft	C 700 - 3.2V 800					C 1300 - 4.8V 1440

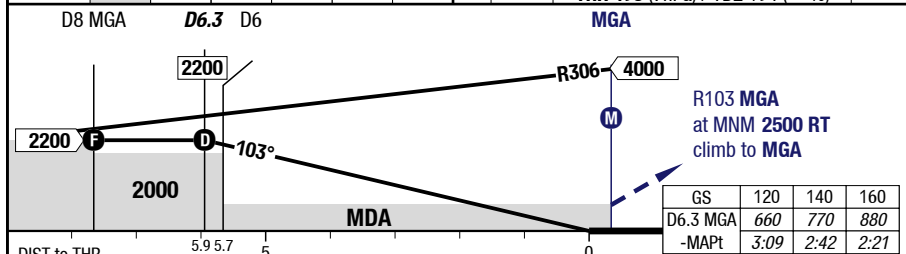
MGA-MNMG

7-60

VOR DME Two 10



3.10° D MGA 103° RWY 097°	6.3	6	5	4	3	<div> <div> <div>10</div> <div>HL-P1</div> </div> <div> <div>8.3.1°</div> <div>2442 x 45</div> <div>60 HL</div> </div> <div> <div>THR 193 (ZhPa) / TDZ 194 (---%)</div> <div>0.0%</div> </div> </div>
	2200	2110	1780	1450	1120	

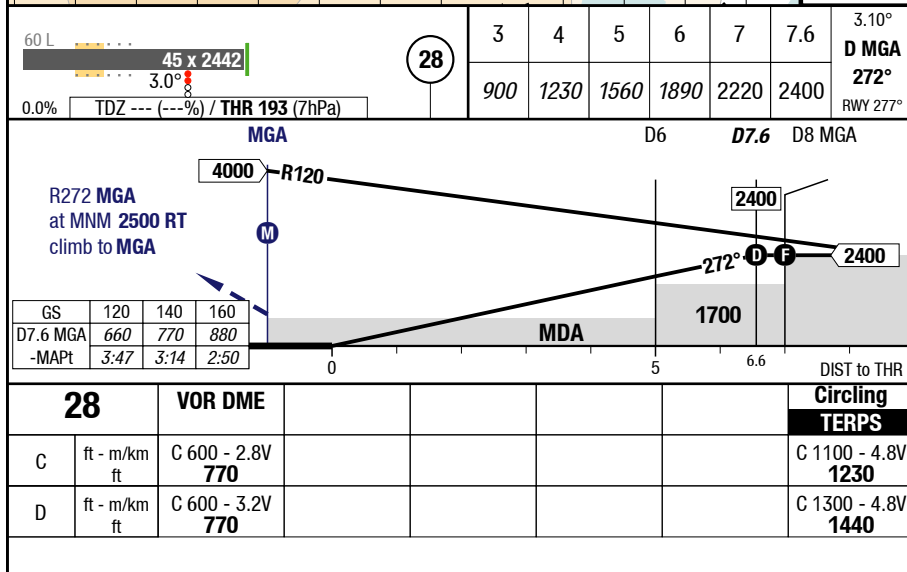
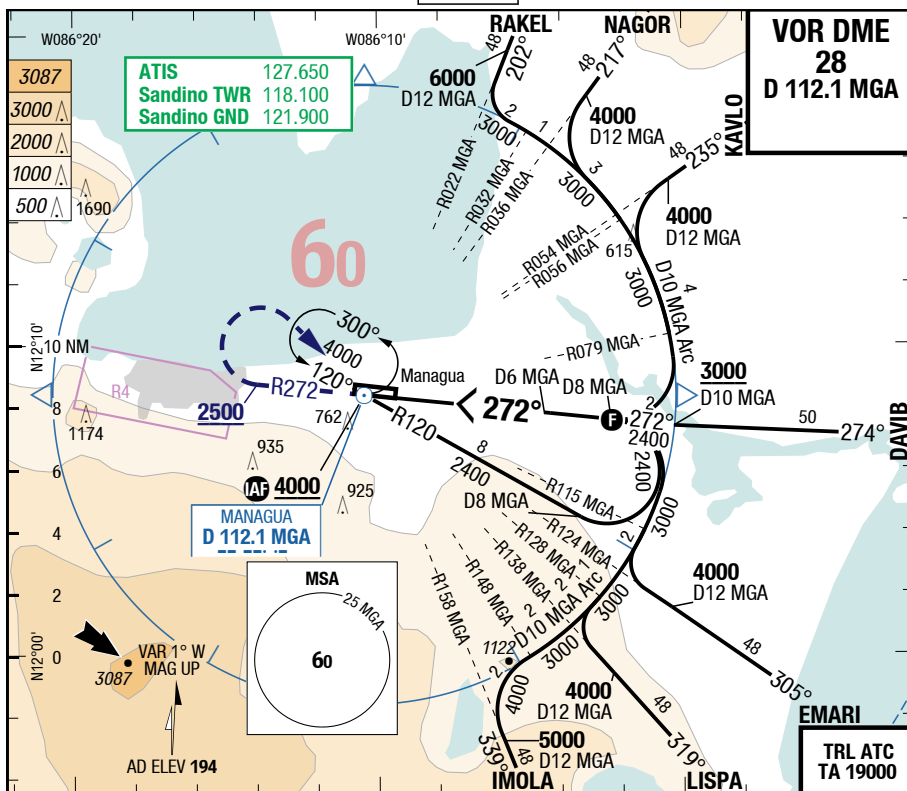


10		VOR DME					Circling TERPS
C	ft - m/km ft	C 700 - 2.8V 800					C 1100 - 4.8V 1230
D	ft - m/km ft	C 700 - 3.2V 800					C 1300 - 4.8V 1440

MGA-MNMG

7-70

VOR DME 28



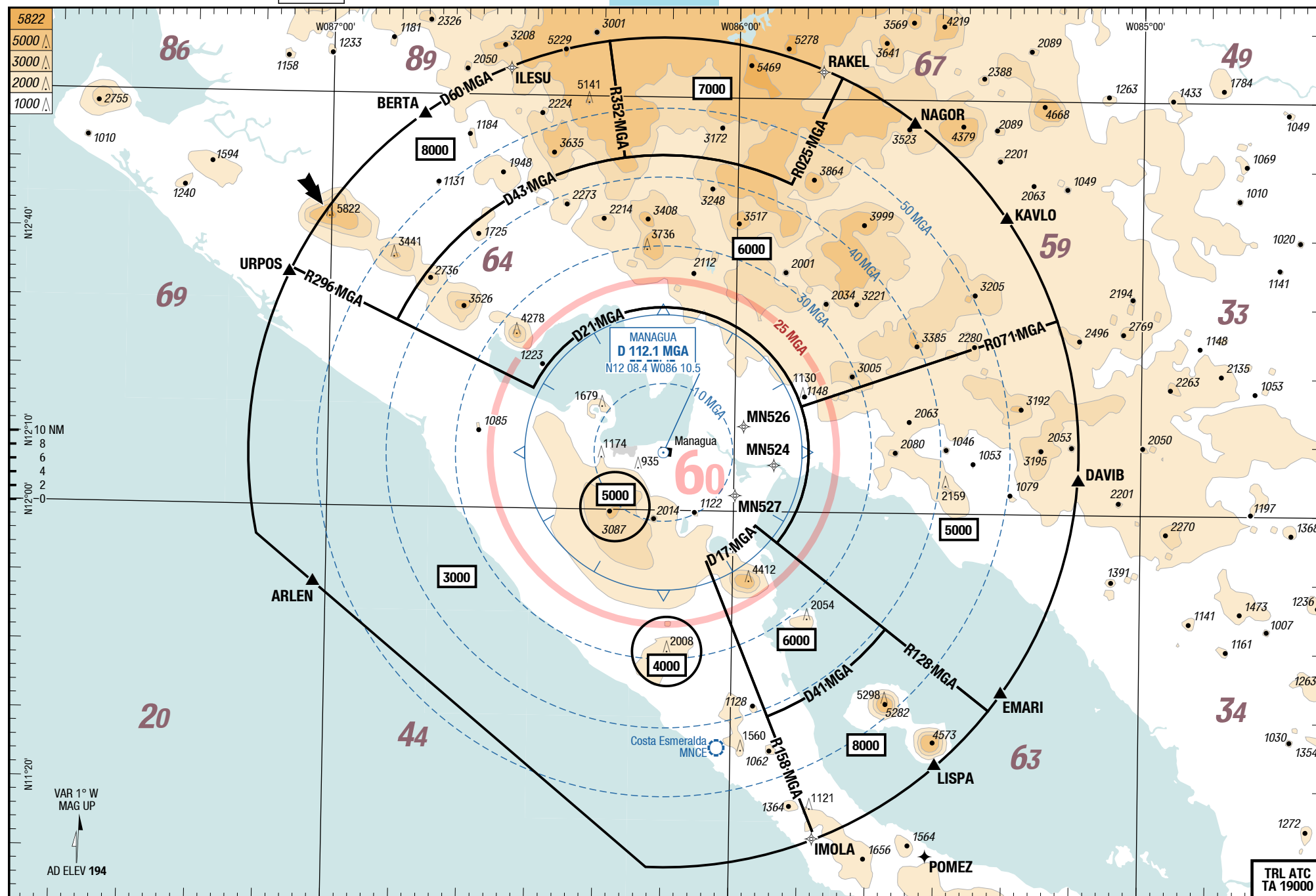
MGA-MNMG

NIL
MRC

MRC

MRC

NIL
MRC



Changes: WPT , RADAR SECT, OBST

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