

GENERAL**ATS Hours**

H24

Airport Information**RFF:** CAT 7**Fuel:** Daily 0900-0100†, O/R 0100-0900‡**PCN:** RWY 13/31: 64/F/C/W/T, 61/R/C/W/T**Customs:** O/R 6 HRs before**Operation****TWY Restriction**

TWYs width 20m / 65.6ft.

Parking

Stand 1: MAX ACFT size F-27 or similar.

Stand 2, 9: MAX ACFT size MD-80 / B-727 or similar.

Stand 3-6: MAX ACFT size B-737 / DC-9-32 or similar.

Stand 7, 8: MAX ACFT size B-757 or similar.

Stand 7-9: for overnight parking primarily.

Stand 4-9: Self-maneuvering.

Stand 5, 8: Normally push-back, Self-maneuvering possible if taxi area clear.

DEPARTURE**Take-off Minima**

| RWY | | 13/31 | |
|-----------|-----------|----------|-------------------------------------|
| Multi ENG | ft - m/km | 0 - 550V | For conditions check CRAR Argentina |

Effective 21-JUN-2018

14-JUN-2018

MDQ-SAZM

Argentina Mar Del Plata Astor Piazzolla

AGC

AFC

AFC

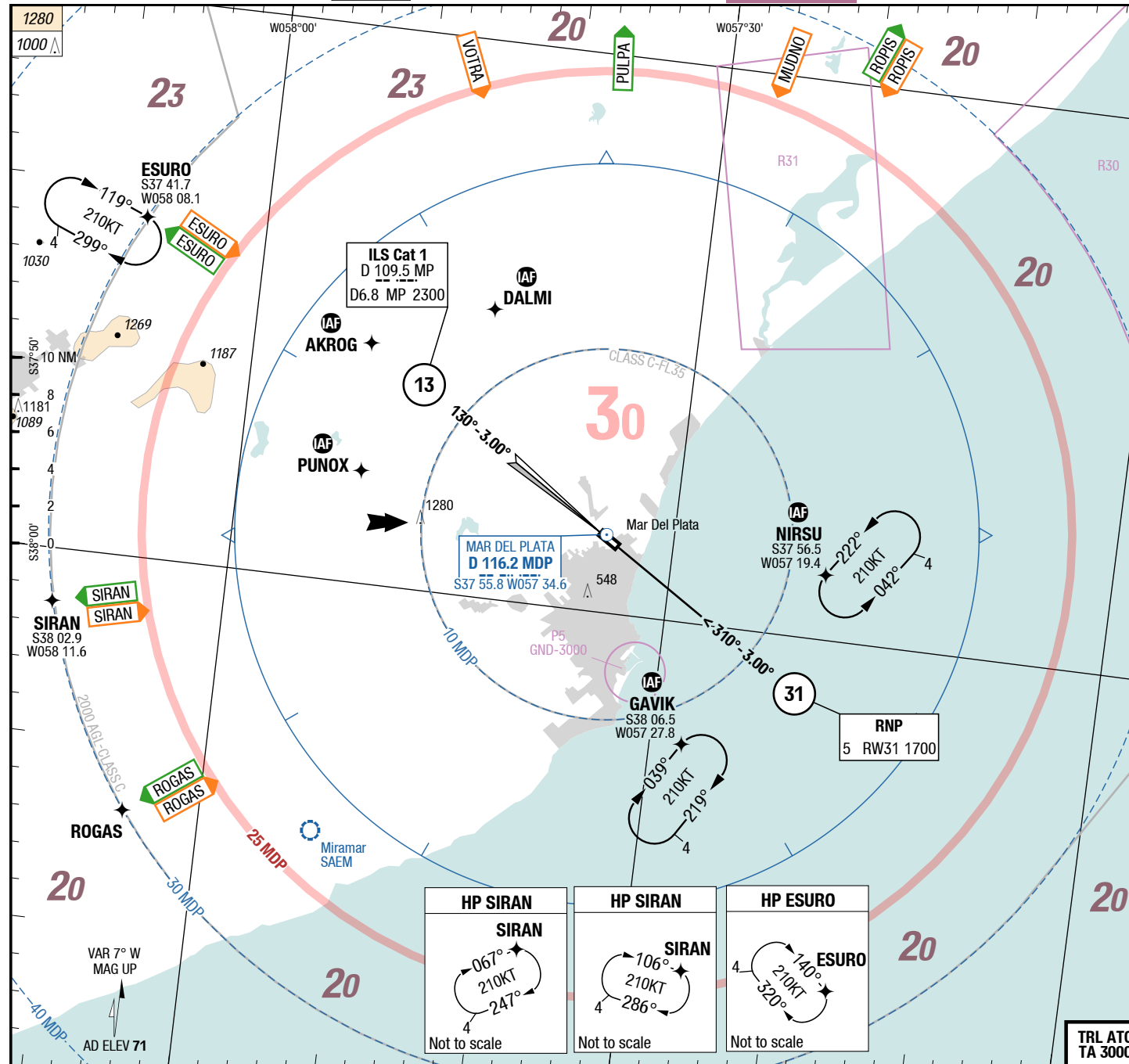
AFC

Astor Piazzolla Mar Del Plata Argentina

AGC

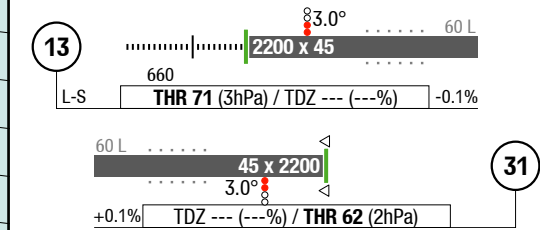
AFC

2-10



CTL/RAD 118.750 118.200
APP 118.750 118.200
TWR 118.750 118.200
GND 121.700

Landing RWY system:



Changes: Completely revised

Effective 21-JUN-2018

14-JUN-2018

MDQ-SAZM

Argentina Mar Del Plata Astor Piazzolla

AGC

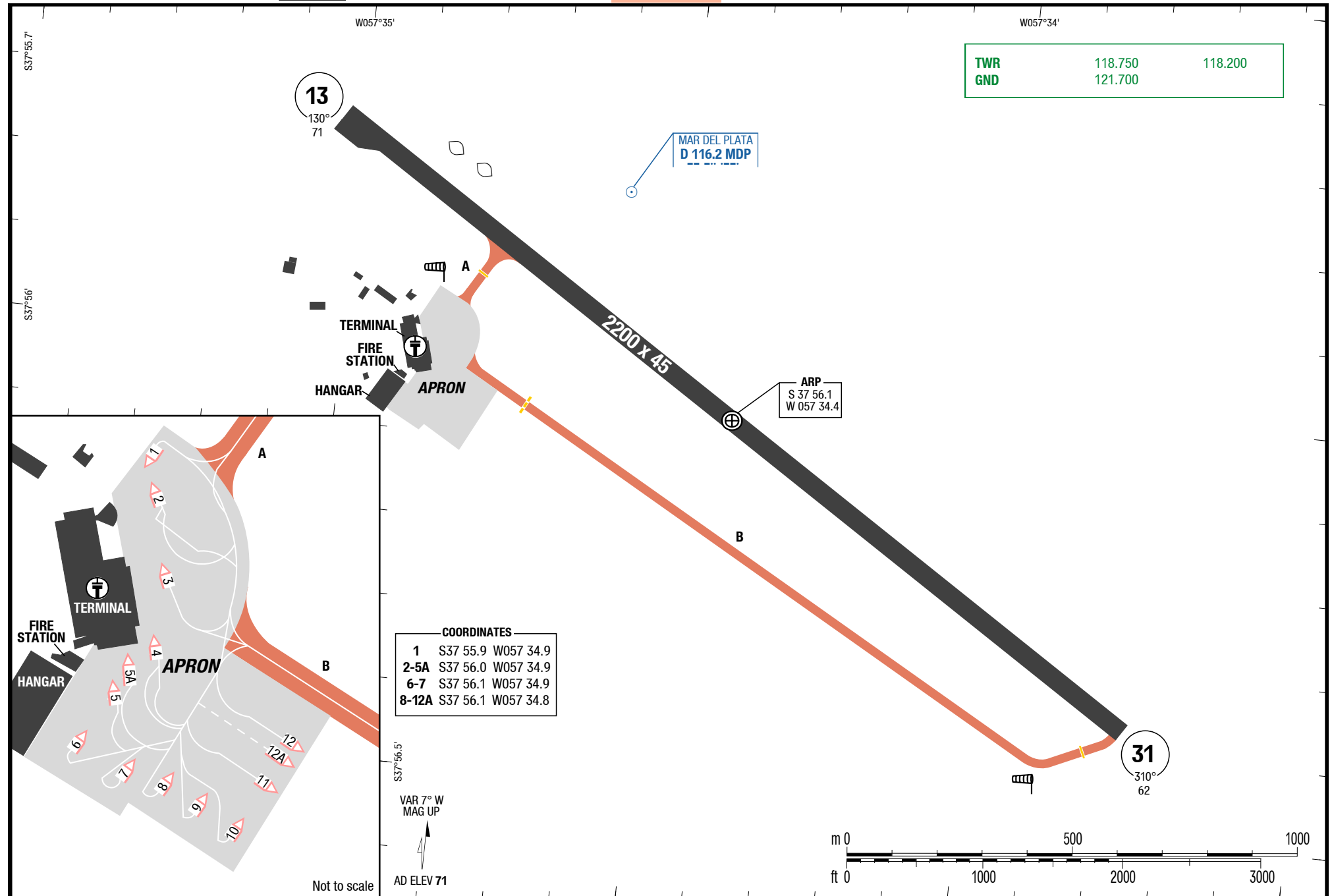
AGC

AGC

Astor Piazzolla Mar Del Plata Argentina

AGC

3-20

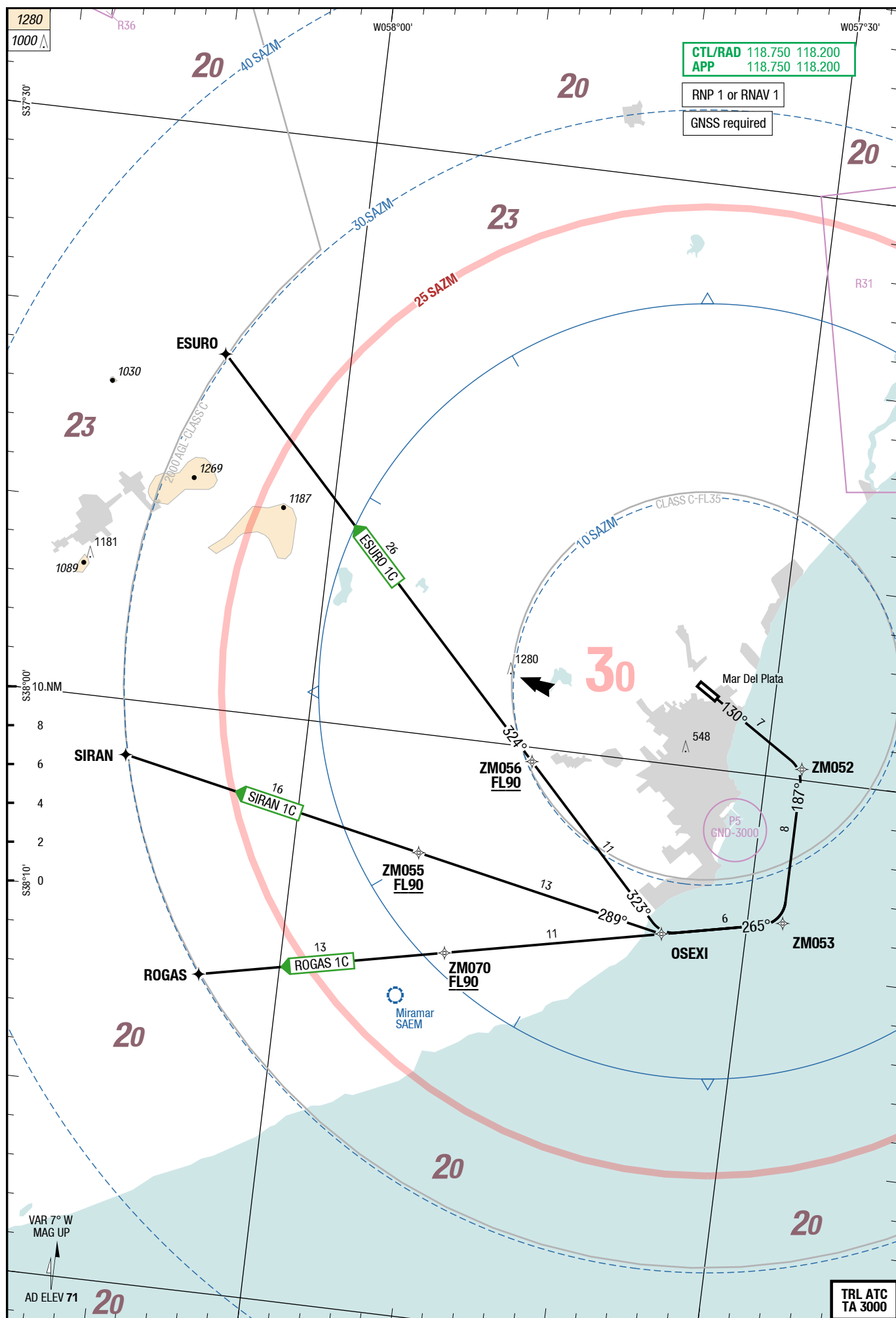


Changes: Nil

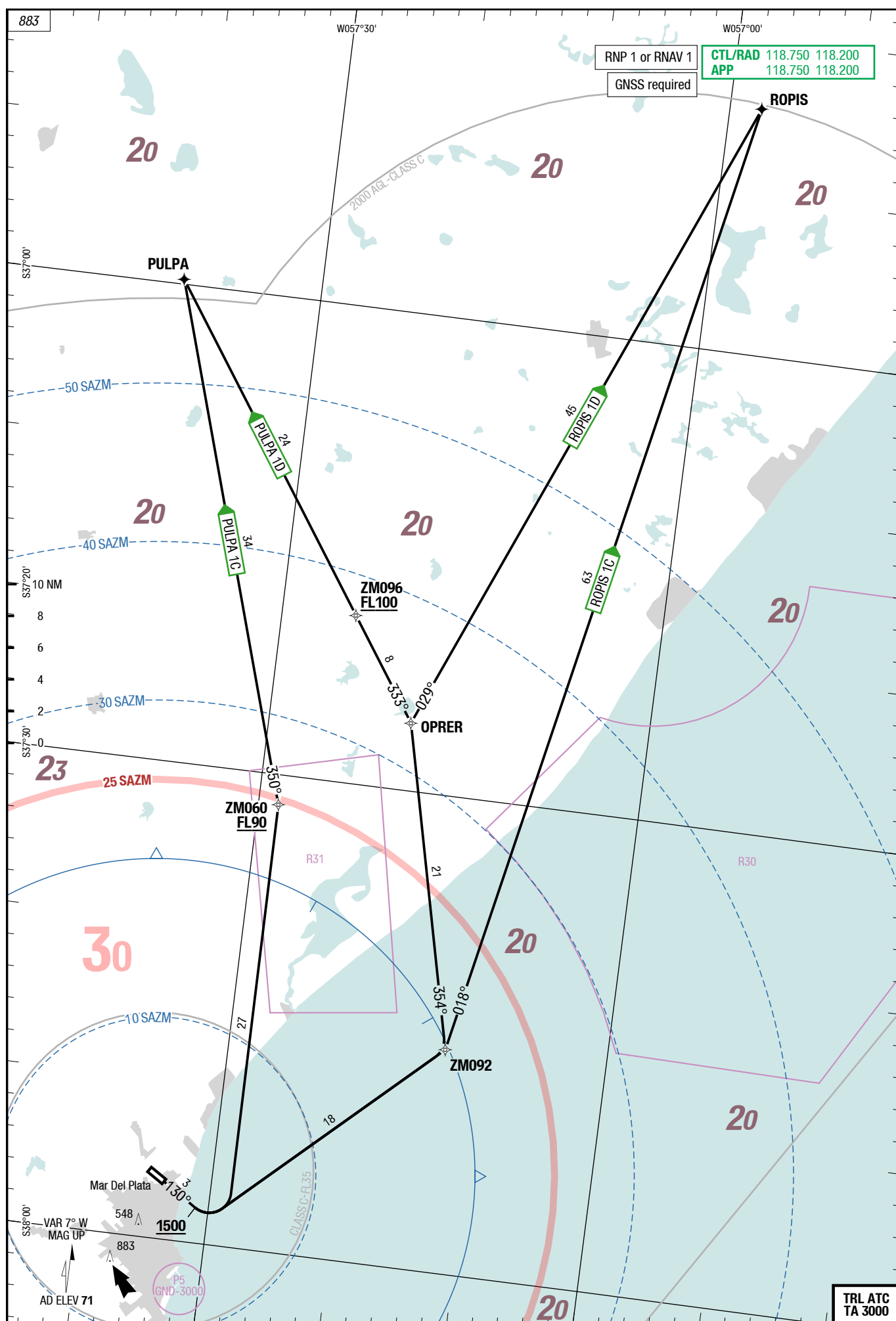
Astor Piazzolla **Mar Del Plata** Argentina

RNP SIDS Rwy 13 PULPA / ROPIS

RNP SIDS Rwy 13 ESURO/ROGAS/SIRAN



Changes: new



MDQ-SAZM



RNP SIDs RWY 31

SID

SID

NIL

RNP SIDs RWY 31



Changes: new

14-JUN-2018

MDQ-SAZM

5-10

RNP SIDs RWY 13 ESURO/ROGAS/SIRAN

SIDPT

ESURO 1C / ROGAS 1C / SIRAN 1C

RWY 13 (130°)

| | | | | | | | |
|------|--------|-----|-----|------|------|------|------|
| | GS | 120 | 150 | 180 | 210 | 240 | 270 |
| 5.0% | ft/MIN | 700 | 800 | 1000 | 1100 | 1300 | 1400 |

| DESIGNATOR | ROUTING | ALTITUDES |
|--|---------------------------------------|-----------------------|
| | Runway 13 | |
| ESURO 1C 5.0% to ZM056 118.750 | ZM052 - ZM053 - OSEXI - ZM056 - ESURO | ZM056 MNM FL90 |
| ROGAS 1C 5.0% to ZM070 118.750 | ZM052 - ZM053 - OSEXI - ZM070 - ROGAS | ZM070 MNM FL90 |
| SIRAN 1C 5.0% to ZM055 118.750 | ZM052 - ZM053 - OSEXI - ZM055 - SIRAN | ZM055 MNM FL90 |

14-JUN-2018

MDQ-SAZM

5-20

RNP SIDs RWY 13 PULPA / ROPIS

SIDPT

PULPA 1C / PULPA 1D / ROPIS 1C / ROPIS 1D

RWY 13 (130°)

| | | | | | | | |
|------|--------|-----|-----|-----|-----|------|------|
| | GS | 120 | 150 | 180 | 210 | 240 | 270 |
| 4.0% | ft/MIN | 500 | 700 | 800 | 900 | 1000 | 1100 |

| DESIGNATOR | ROUTING | ALTITUDES |
|--|---|------------------------|
| | Runway 13 | |
| PULPA 1C 4.0% to ZM060 118.750 | 130° [A1500+ ;L] - DCT ZM060 - PULPA | ZM060 MNM FL90 |
| PULPA 1D 118.750 | 130° [A1500+] - DCT ZM092 - OPRER - ZM096 - PULPA | ZM096 MNM FL100 |
| ROPIS 1C 118.750 | 130° [A1500+] - DCT ZM092 - ROPIS | |
| ROPIS 1D 118.750 | 130° [A1500+] - DCT ZM092 - OPRER - ROPIS | |

14-JUN-2018

MDQ-SAZM

5-30

RNP SIDs RWY 31

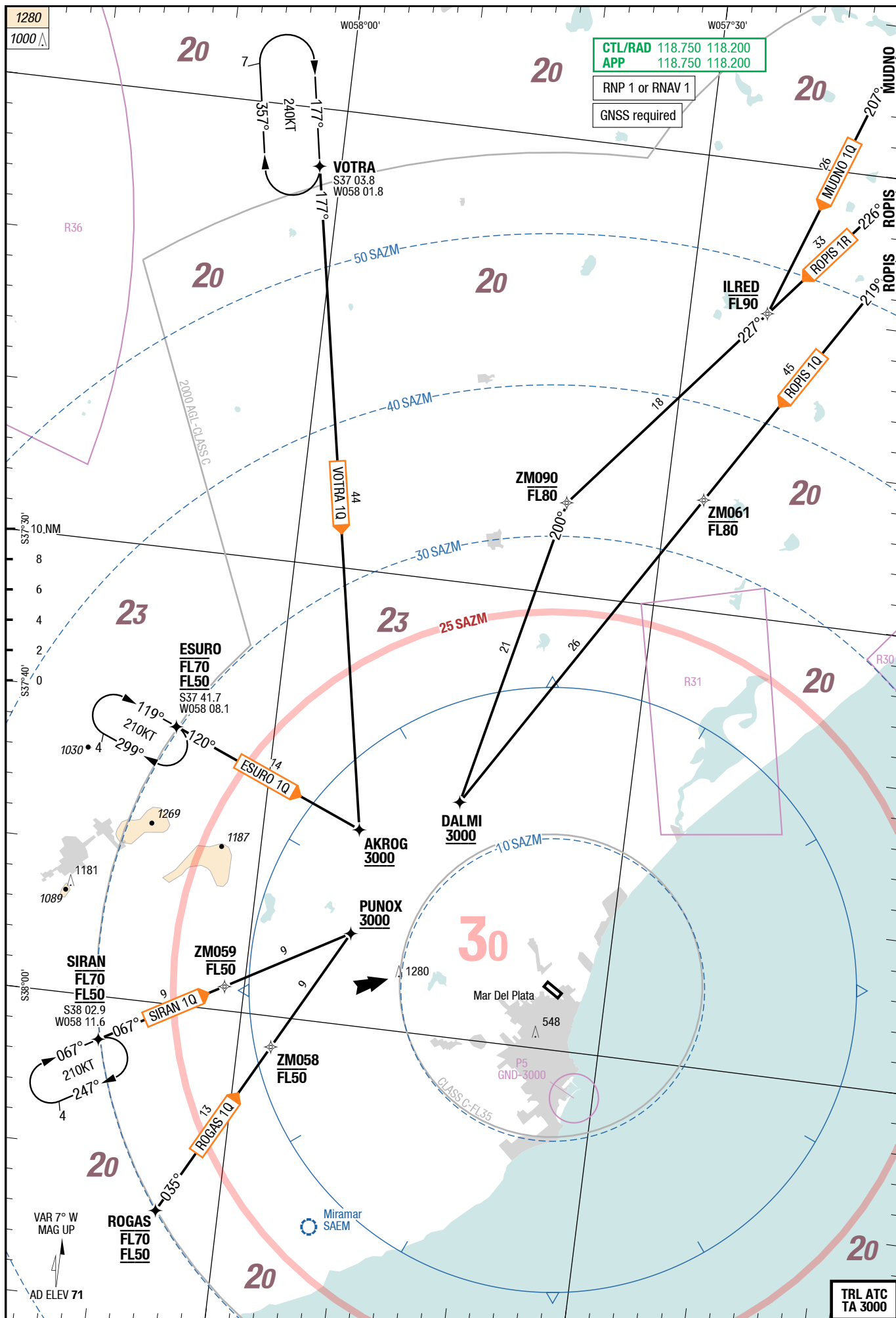
SIDPT

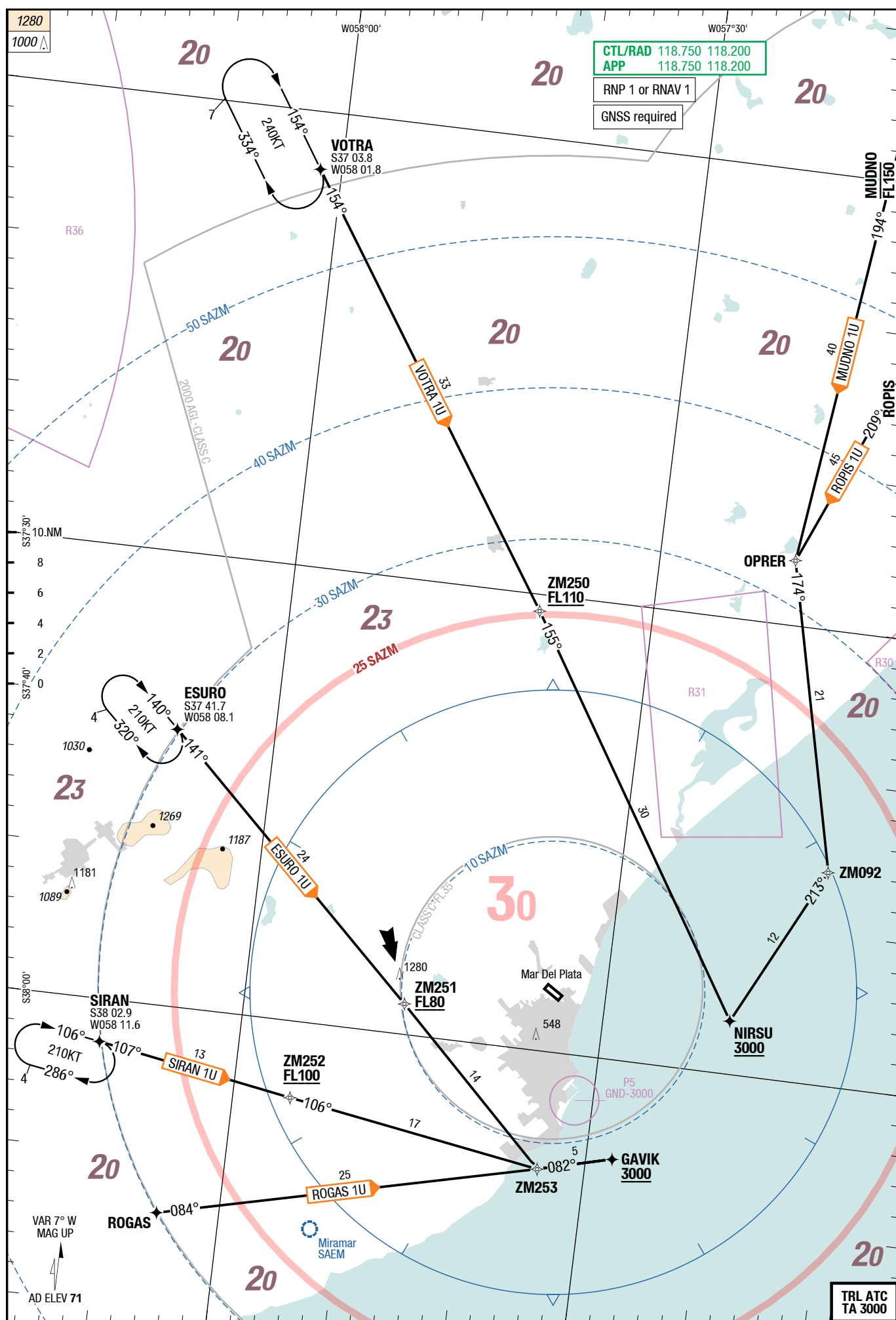
ESURO 1G / PULPA 1G / ROGAS 1G / ROPIS 1G / SIRAN 1G

RWY 31 (310°)

| | | | | | | | |
|------|--------|-----|-----|-----|------|------|------|
| | GS | 120 | 150 | 180 | 210 | 240 | 270 |
| 4.5% | ft/MIN | 600 | 700 | 900 | 1000 | 1100 | 1300 |

| DESIGNATOR | ROUTING | ALTITUDES |
|--|--|--|
| | Runway 31 | |
| ESURO 1G 118.750 | 310° [A1500+] - 303° ESURO | |
| PULPA 1G 118.750 | 310° [A1500+] - 011° BOGEG - PULPA | BOGEG MAX FL100 |
| ROGAS 1G 118.750 | 310° [A1500+] - 247° ZM402 - ZM403 - ROGAS | ZM402 MAX FL70 ZM403 MAX FL90 |
| ROPIS 1G 4.5% to BOGEG 118.750 | 310° [A1500+] - 011° BOGEG - ZM401 - ROPIS | BOGEG MAX FL100 ZM401 MNM FL160 |
| SIRAN 1G 118.750 | 310° [A1500+] - 247° ZM402 - SIRAN | ZM402 MAX FL70 |

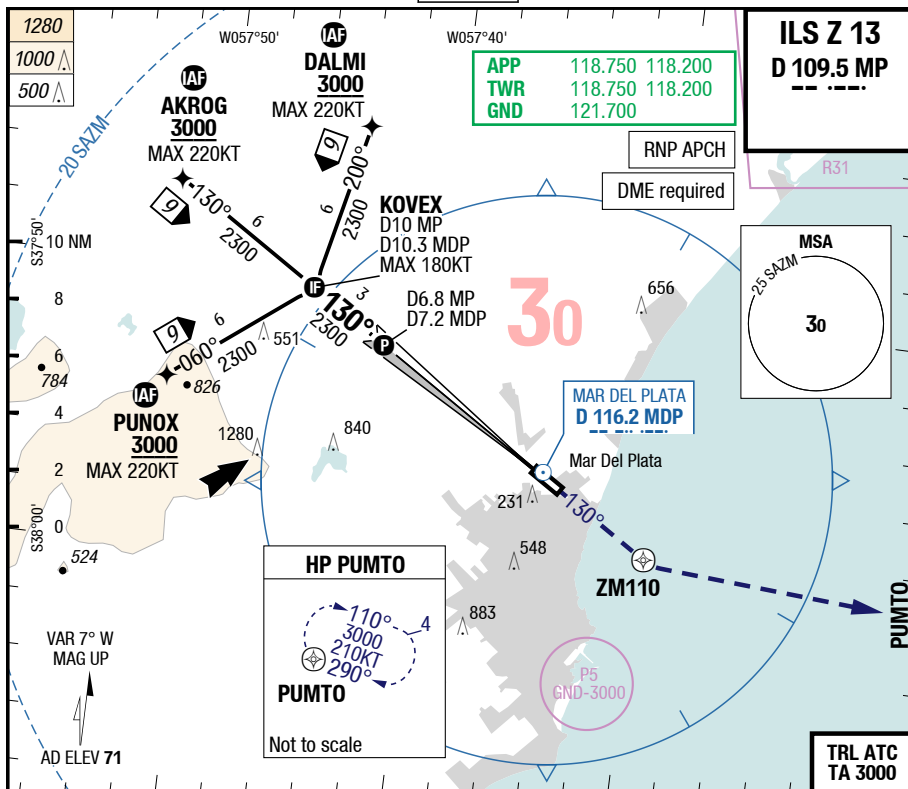




MDQ-SAZM

7-10

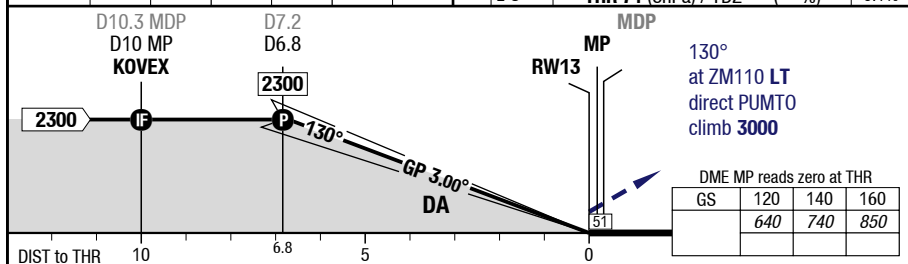
ILS Z 13



| D MP | 6.8 | 5 | 4 | 3 | 2 | 1 | |
|------|------|------|------|------|-----|-----|--|
| | 2300 | 1720 | 1400 | 1090 | 770 | 450 | |

13
L-S

THR 71 (3hPa) / TDZ --- (---%) -0.1%



| 13 | Cat 1 DME ¹⁾ | LOC | | | | Circling N of AD only |
|----|-------------------------|-------------------|----------------|--|--|--------------------------|
| C | ft - m/km ft | 250 - 1.0V 320 | Not authorized | | | 800 - 3.7V 870 |
| D | ft - m/km ft | 250 - 1.0V 320 | Not authorized | | | 800 - 4.6V 870 |

1) With EVS VIS 800m

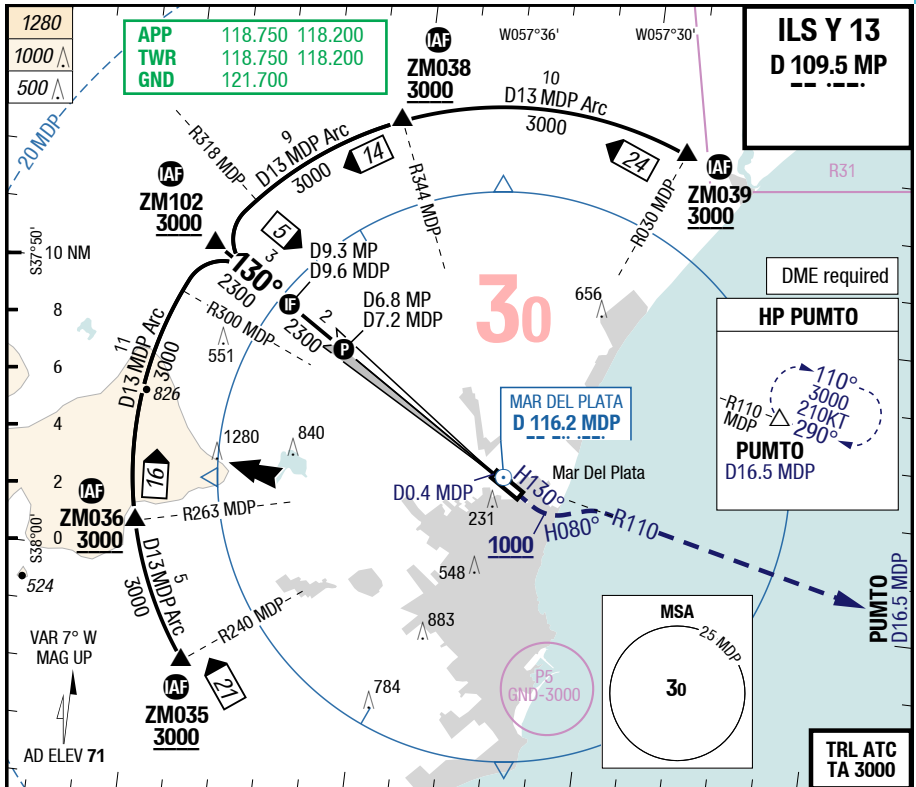
14-JUN-2018

MDQ-SAZM

7-20

ILS Y 13

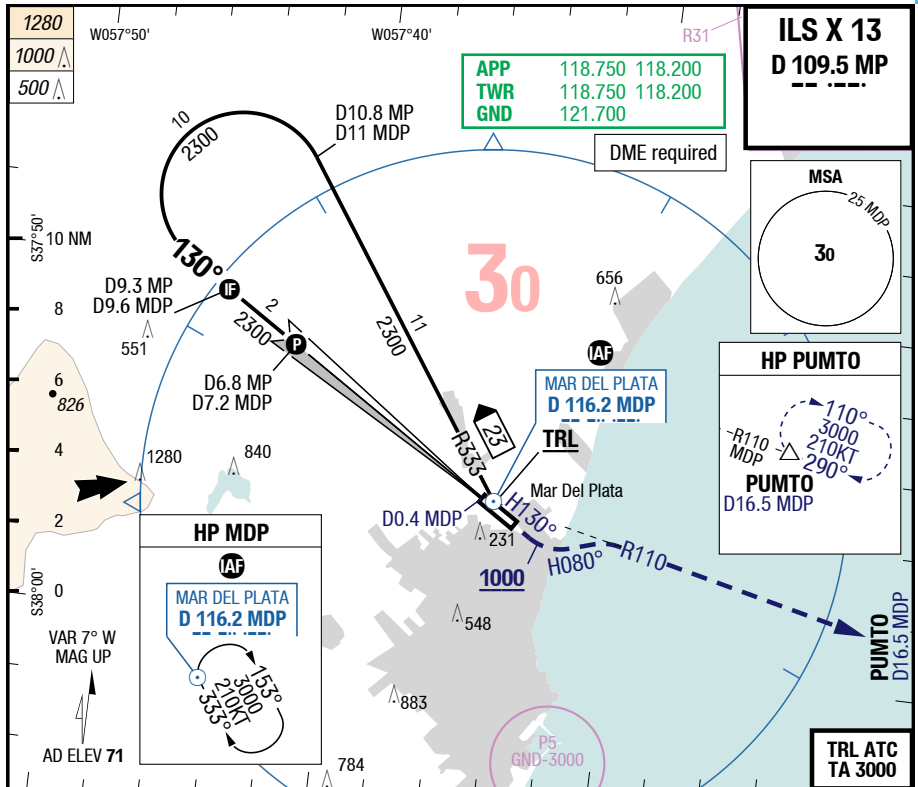
IAC



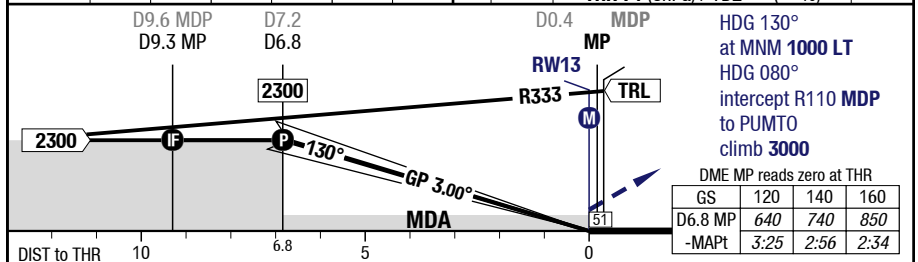
| 13 | | Cat 1 DME ¹⁾ | LOC DME | LOC DME APL U/S | Circling N of AD only | |
|----|-----------------|-------------------------|-------------------|-------------------|-----------------------|--|
| C | ft - m/km ft | 250 - 1.0V 320 | 370 - 1.7V 440 | 370 - 2.1V 440 | 800 - 3.7V 870 | |
| D | ft - m/km ft | 250 - 1.0V 320 | 370 - 1.7V 440 | 370 - 2.1V 440 | 800 - 4.6V 870 | |

1) With EVS VIS 800m

Changes: Completely revised



| LOC 3.00° | 6.8 | 5 | 4 | 3 | 2 | 1 | 13 | 83.0° | 60 L |
|-----------|------|------|------|------|-----|-----|-----|--------------------------------|-------|
| D MP | 2300 | 1720 | 1400 | 1090 | 770 | 450 | L-S | 2200 x 45 | |
| | | | | | | | | THR 71 (3hPa) / TDZ --- (---%) | -0.1% |



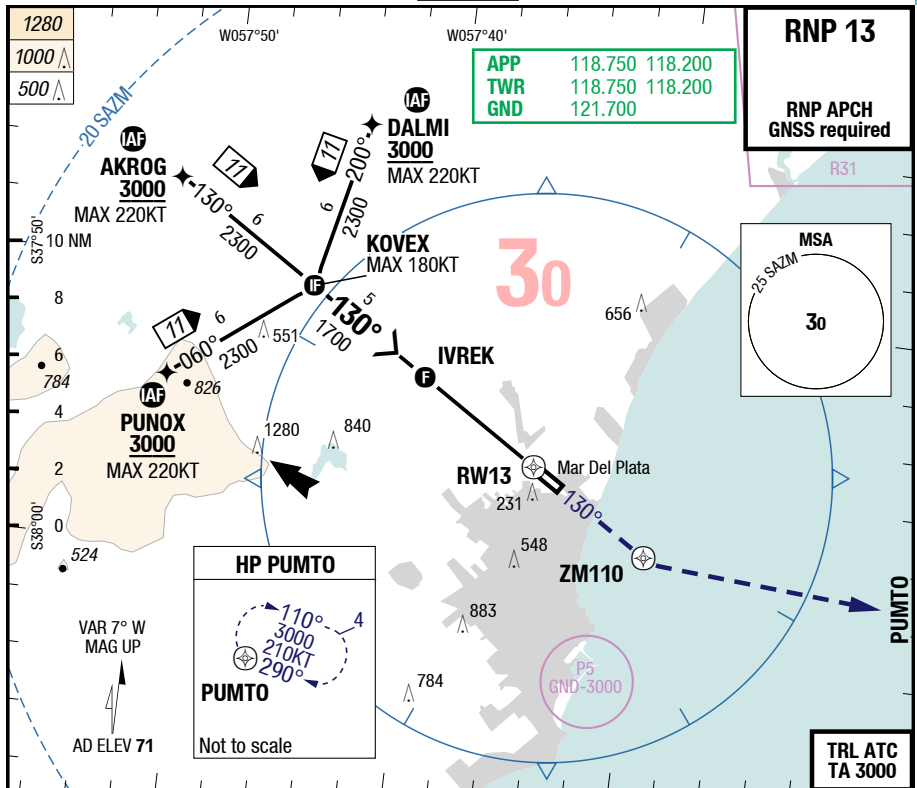
| 13 | Cat 1 DME ¹⁾ | LOC DME | LOC DME APL U/S | Circling N of AD only |
|----|--------------------------------------|-------------------|-------------------|-----------------------|
| C | ft - m/km ft 250 - 1.0V 320 | 370 - 1.7V 440 | 370 - 2.1V 440 | 800 - 3.7V 870 |
| D | ft - m/km ft 250 - 1.0V 320 | 370 - 1.7V 440 | 370 - 2.1V 440 | 800 - 4.6V 870 |

1) With EVS VIS 800m

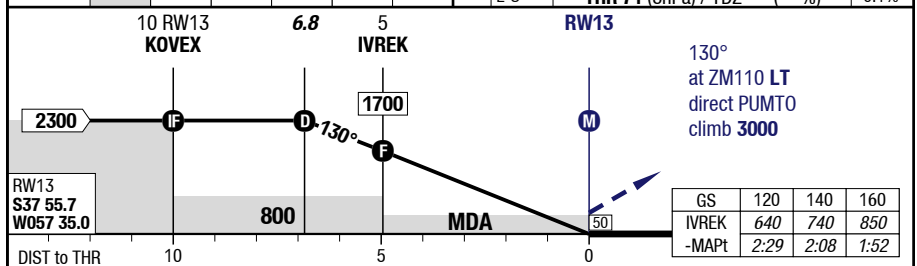
MDQ-SAZM

7-50

RNP 13



| | | | | | | | |
|----------------------|------|------|------|------|-----|---|--|
| 3.00° RW13 | 6.8 | 6 | 4 | 3 | 2 | <div> <div>13</div> <div>L-S</div> </div> | <div> <div> <div>3.0°</div> <div>60 L</div> </div> <div> <div>2200 x 45</div> <div>660</div> </div> </div> |
| | 2300 | 2040 | 1400 | 1080 | 760 | | <div> <div>THR 71 (3hPa) / TDZ --- (---%)</div> <div>-0.1%</div> </div> |



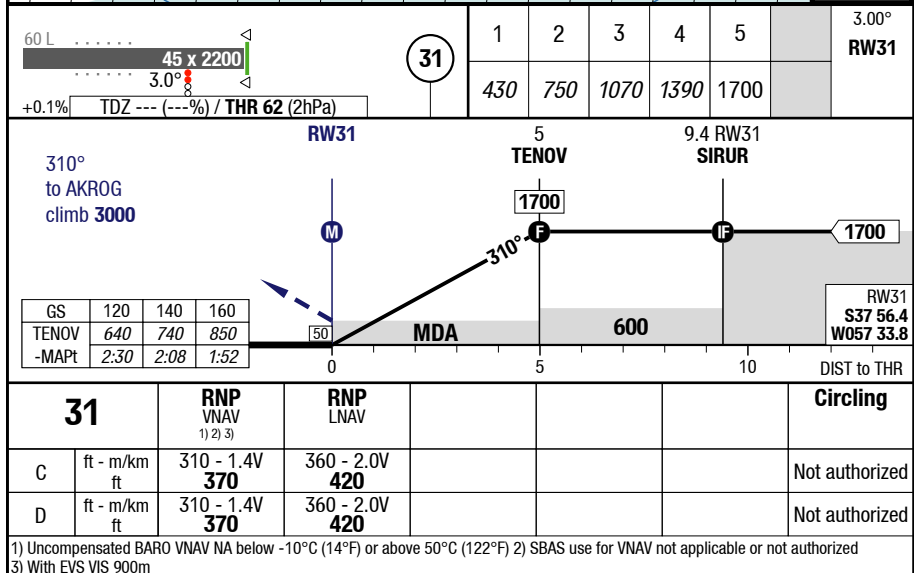
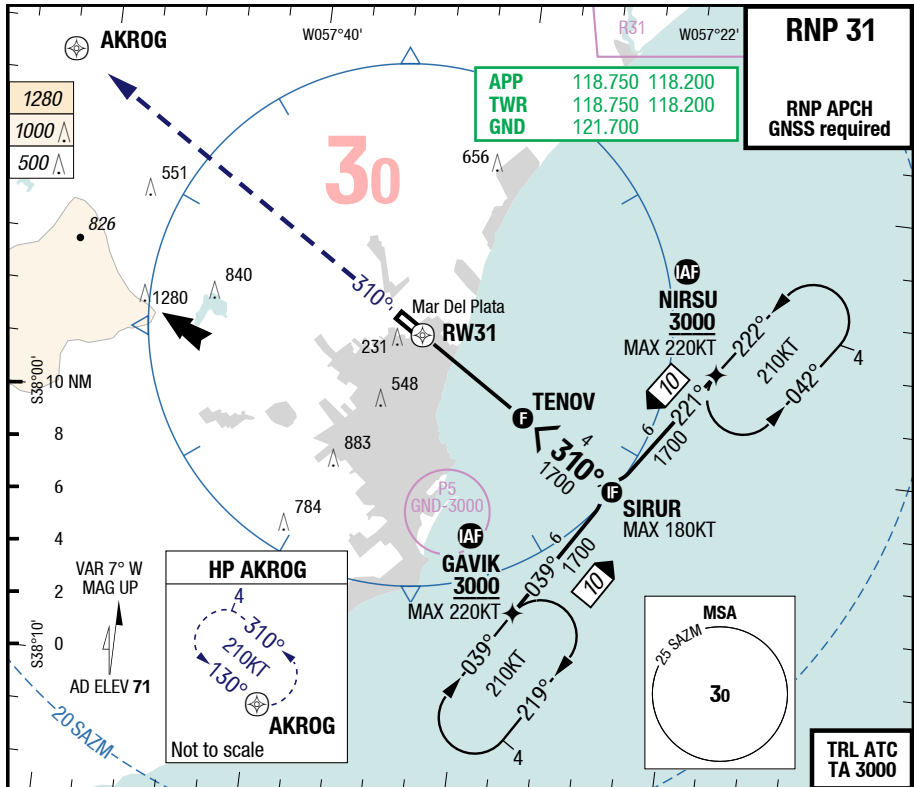
| 13 | | RNP VNAV 1) 2) 3) | RNP LNAV | RNP LNAV APL U/S | | | Circling |
|----|-----------------|-------------------------|-------------------|------------------------|--|--|----------------|
| C | ft - m/km ft | 330 - 1.3V 400 | 370 - 1.7V 440 | 370 - 2.1V 440 | | | Not authorized |
| D | ft - m/km ft | 330 - 1.3V 400 | 370 - 1.7V 440 | 370 - 2.1V 440 | | | Not authorized |

1) Uncompensated BARO VNAV NA below -10°C (14°F) or above 50°C (122°F) 2) SBAS use for VNAV not applicable or not authorized
3) With EVS VIS 900m

MDQ-SAZM

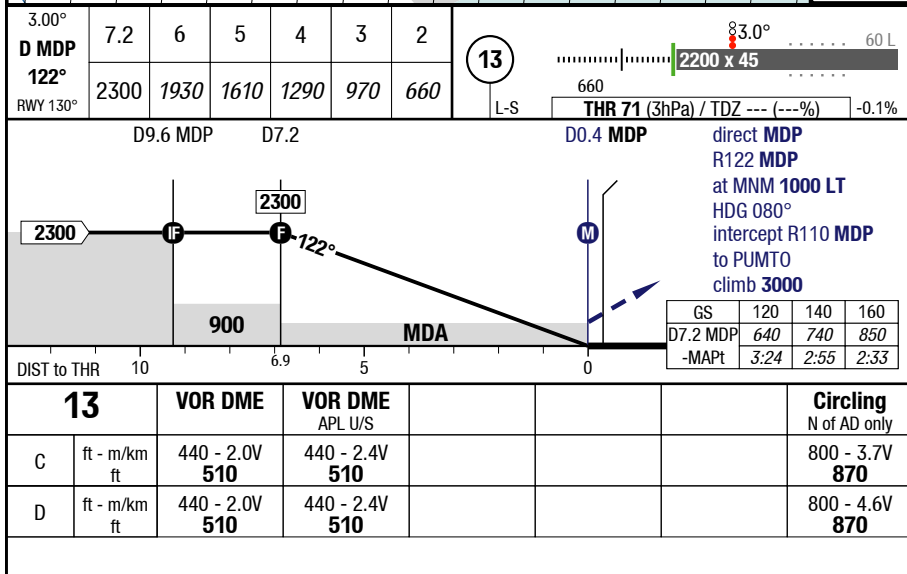
7-60

RNP 31

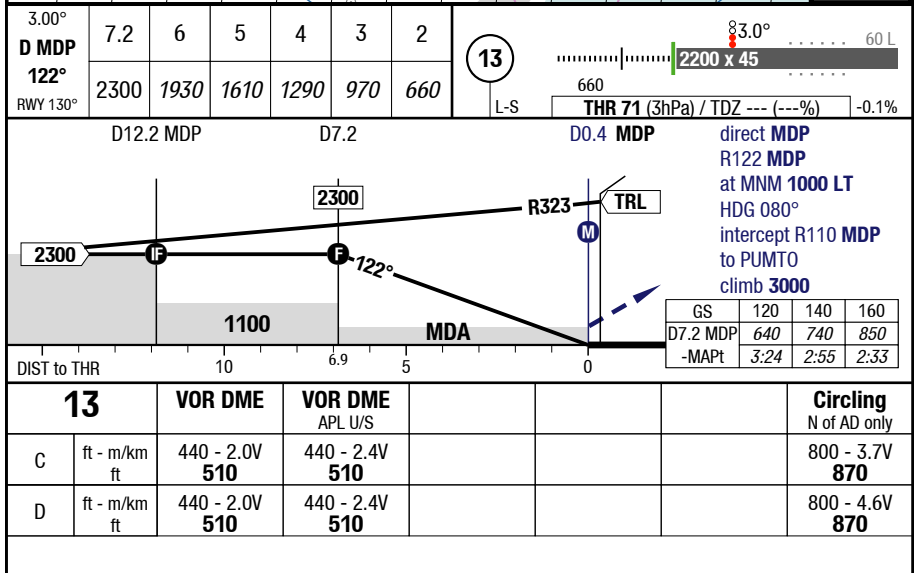


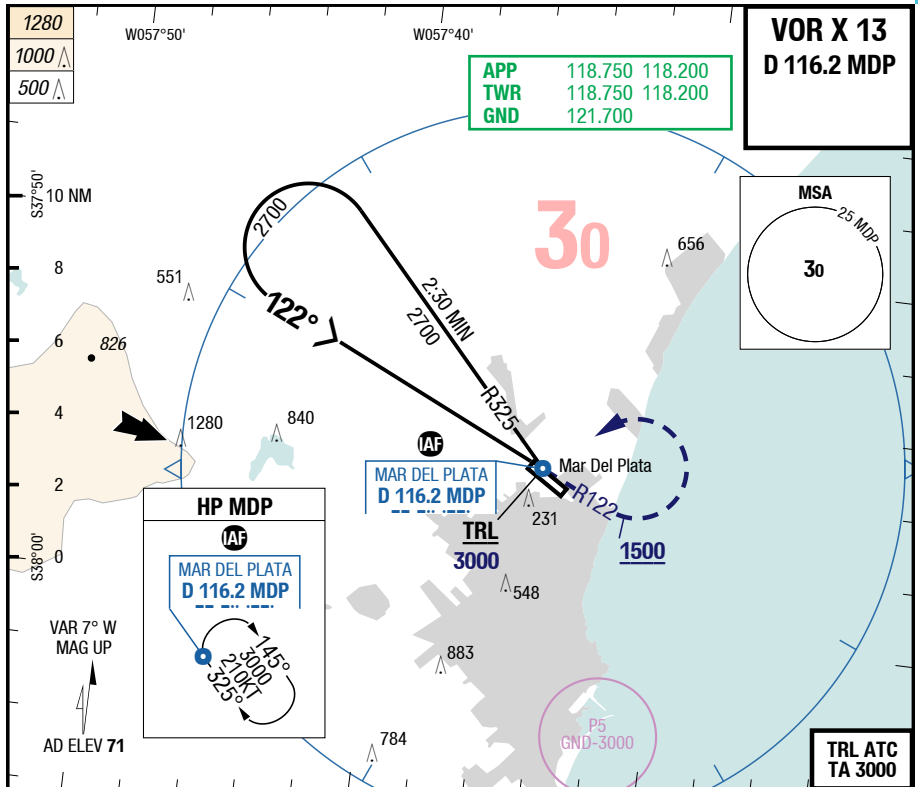
Changes: new

VOR Z 13

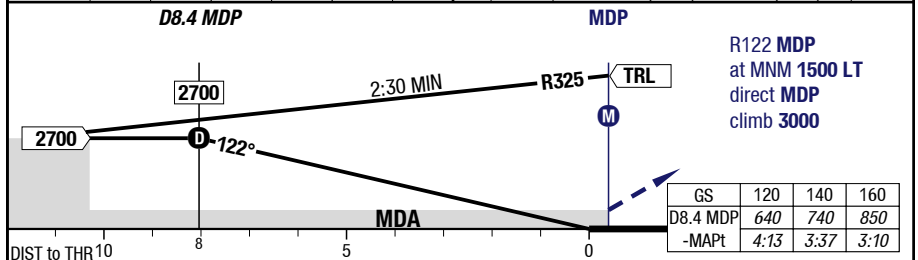


VOR Y 13





| | | | | | | | | | |
|-----------------|------|------|------|------|-----|-----|-----|--------------------------------|-------|
| 3.00° | 8.4 | 7 | 5 | 4 | 3 | 2 | 13 | 83.0° | 60 L |
| D MDP | | | | | | | L-S | 2200 x 45 | |
| 122° | 2700 | 2240 | 1600 | 1280 | 960 | 640 | | THR 71 (3hPa) / TDZ --- (---%) | -0.1% |
| RWY 130° | | | | | | | | | |

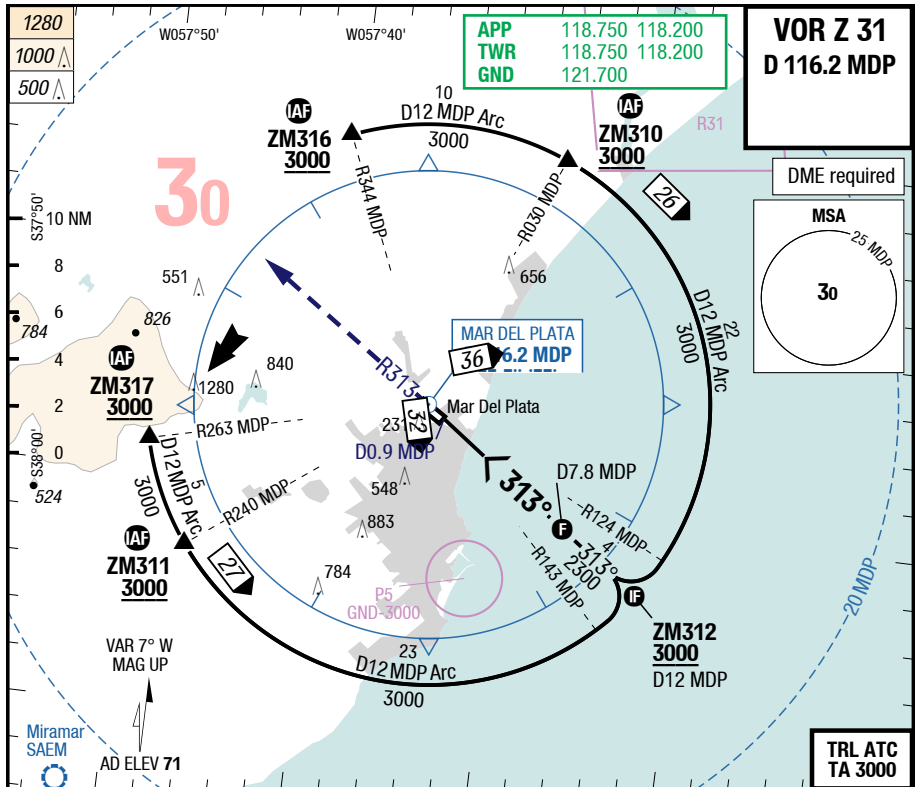


| | | | | | | |
|-----------|-----------------|-------------------|--|--|--|---------------------------------|
| 13 | VOR | | | | | Circling N of AD only |
| C | ft - m/km ft | 550 - 2.9V 620 | | | | 800 - 3.7V 870 |
| D | ft - m/km ft | 550 - 2.9V 620 | | | | 800 - 4.6V 870 |

MDQ-SAZM

7-100

VOR Z 31

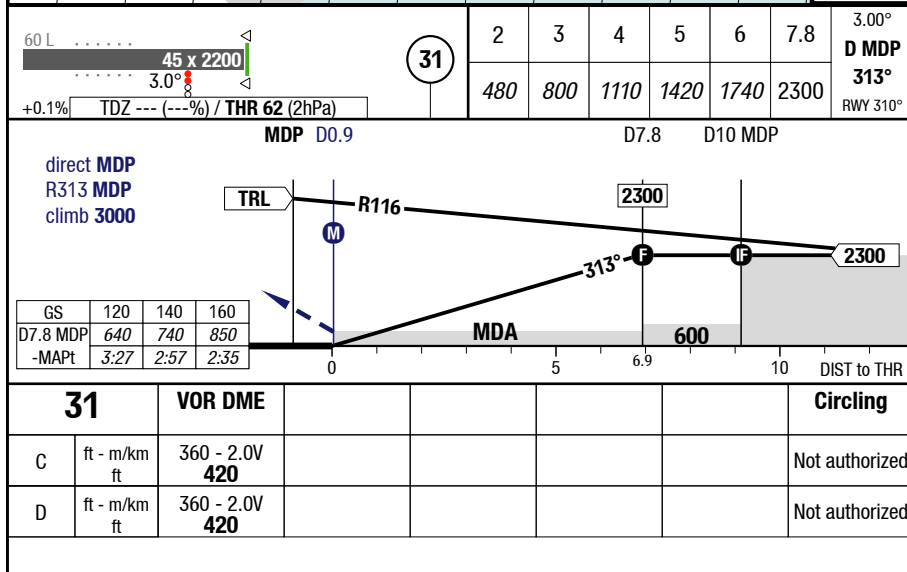
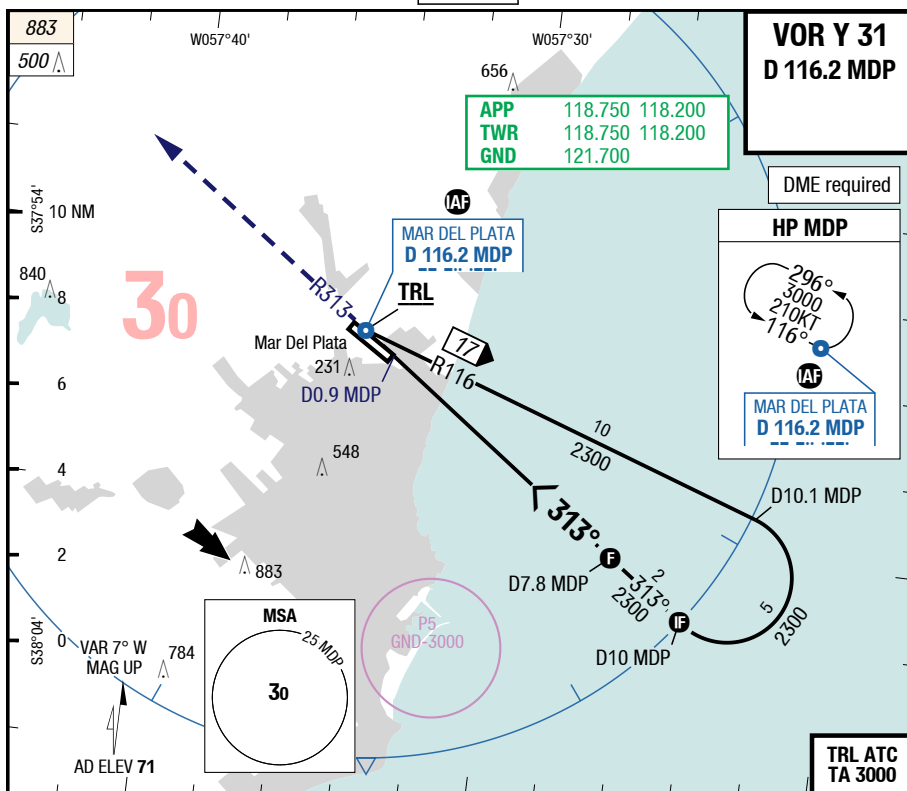


| 31 | | VOR DME | | Circling | |
|----|-----------------|-------------------|--|----------|----------------|
| C | ft - m/km ft | 360 - 2.0V 420 | | | Not authorized |
| D | ft - m/km ft | 360 - 2.0V 420 | | | Not authorized |

MDQ-SAZM

7-110

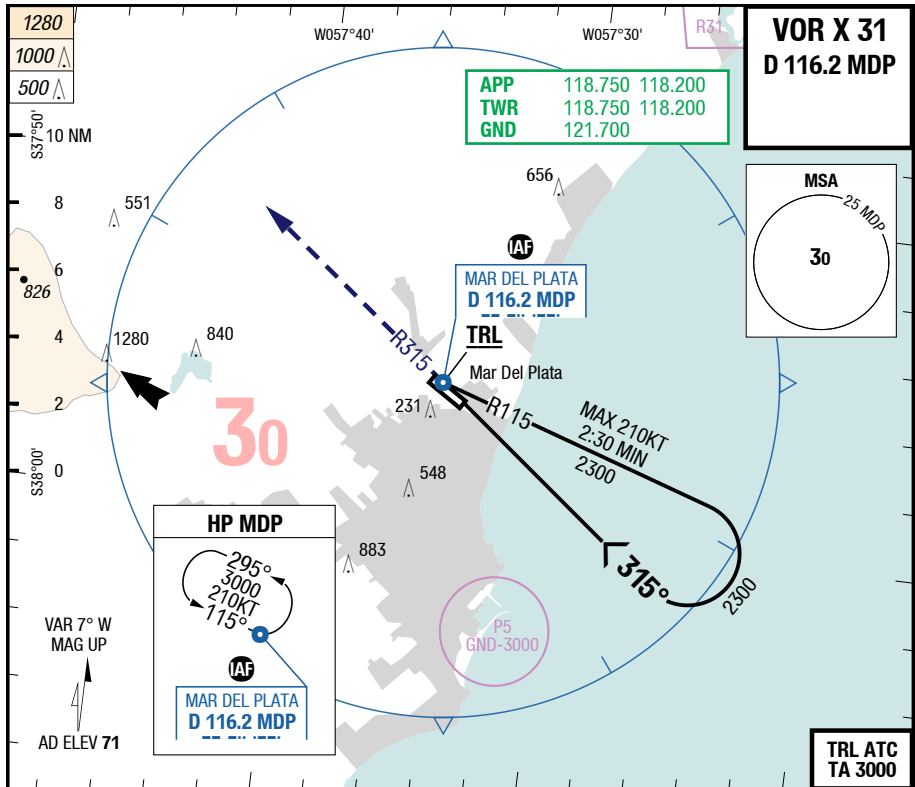
VOR Y 31



MDQ-SAZM

7-120

VOR X 31



| 31 | | VOR | | Circling | |
|----|-----------------|-------------------|--|----------|----------------|
| C | ft - m/km ft | 420 - 2.3V 480 | | | Not authorized |
| D | ft - m/km ft | 420 - 2.3V 480 | | | Not authorized |