

02-APR-2015

RAR-NCRG

1-10

A01**A01****GENERAL****ATS Hours**

See NOTAM, except in EMERG
CLSD SUN 1930-2200

Airport Information

RFF: CAT 8
Fuel: MON-SAT 1800-0200 and by arrangement
PCN: RWY 08/26: 54/R/B/W/T
Customs: MON-FRI 1800-0200 and during scheduled flights

ARRIVAL**Communication**

COM Failure: See CRAR New Zealand.

Arrival Procedure

VFR Traffic Pattern: RWY 26 right-hand circuit.

Non-standard GP intercept position on RWY 26

GP intercepts RWY 26 at 314m / 1030ft after landing threshold.
Remaining LDG DIST beyond GP is 1880m / 6169ft.

DEPARTURE**Take-off Minima**

| RWY | | 08/26 | |
|----------|-----------|-------------|---|
| All ACFT | ft - m/km | c300 - 1.5V | - |

Communication

Report after TKOF:

- Identification; radio call-sign
- Estimated set heading time in minutes past the hour.
- Altitude to the nearest 100ft, followed by phrase "CLIMBING TO" followed by cleared altitude or FL of initial portion of flight.
- Next PSN and time over in minutes past the hour.

COM Failure: Se CRAR New Zealand

Effective 13-SEP-2018

06-SEP-2018

RAR-NCRG

Cook Islands Rarotonga Rarotonga Intl

AGC

AFC

AFC

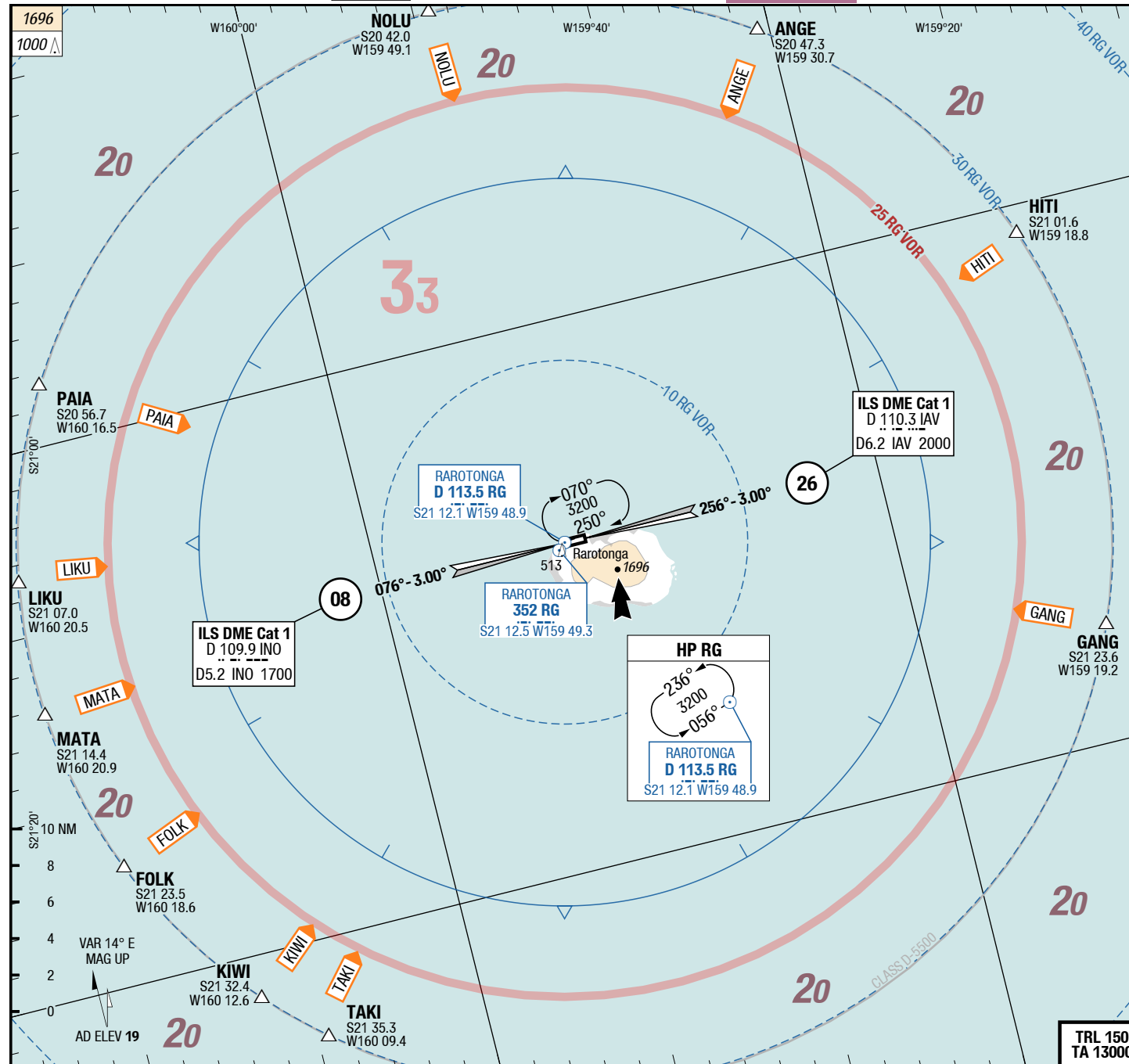
AFC

Rarotonga Intl Rarotonga Cook Islands

AGC

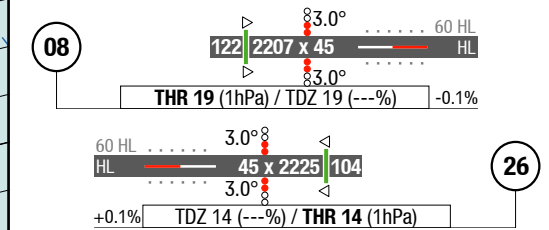
AFC

2-10



TWR 118,100 HS, by NOTAM 121,900 HS, by NOTAM

Landing RWY system:



Effective 13-SEP-2018

06-SEP-2018

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AGC

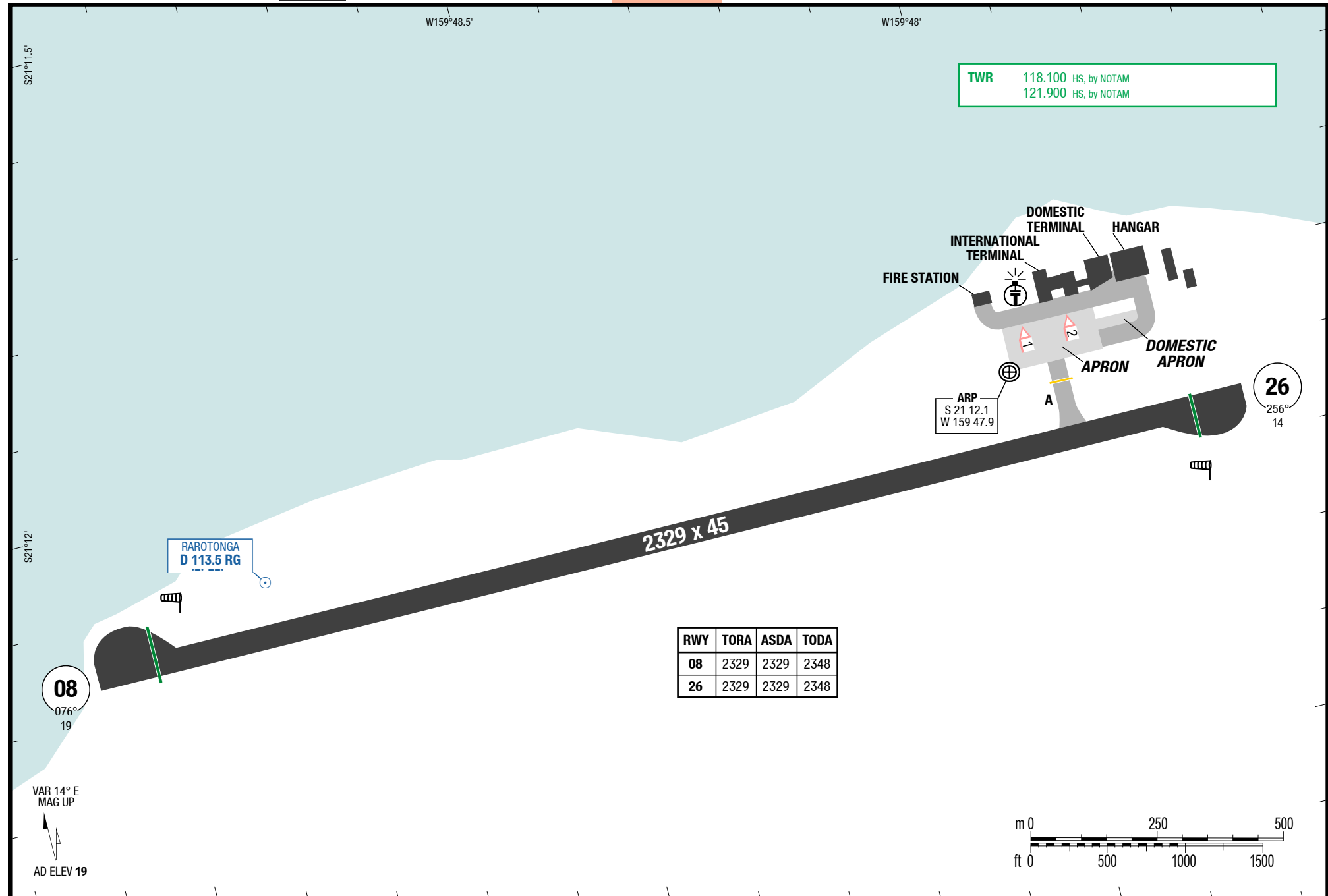
AGC

AGC

Rarotonga Intl **Rarotonga** Cook Islands

AGC

3-20



Changes: TWY , HLDG POS, APN, Parking Stands , BLDG

RAR-NCRG

5-10

DEPARTURES

SIDPT

| DEPARTURES | |
|------------|--|
| RWY | Routing |
| 08 | at 1500 LT - intercept cleared route |
| 26 | at 1500 LT or RT - intercept cleared route |
| | |

RAR-NCRG

STARS

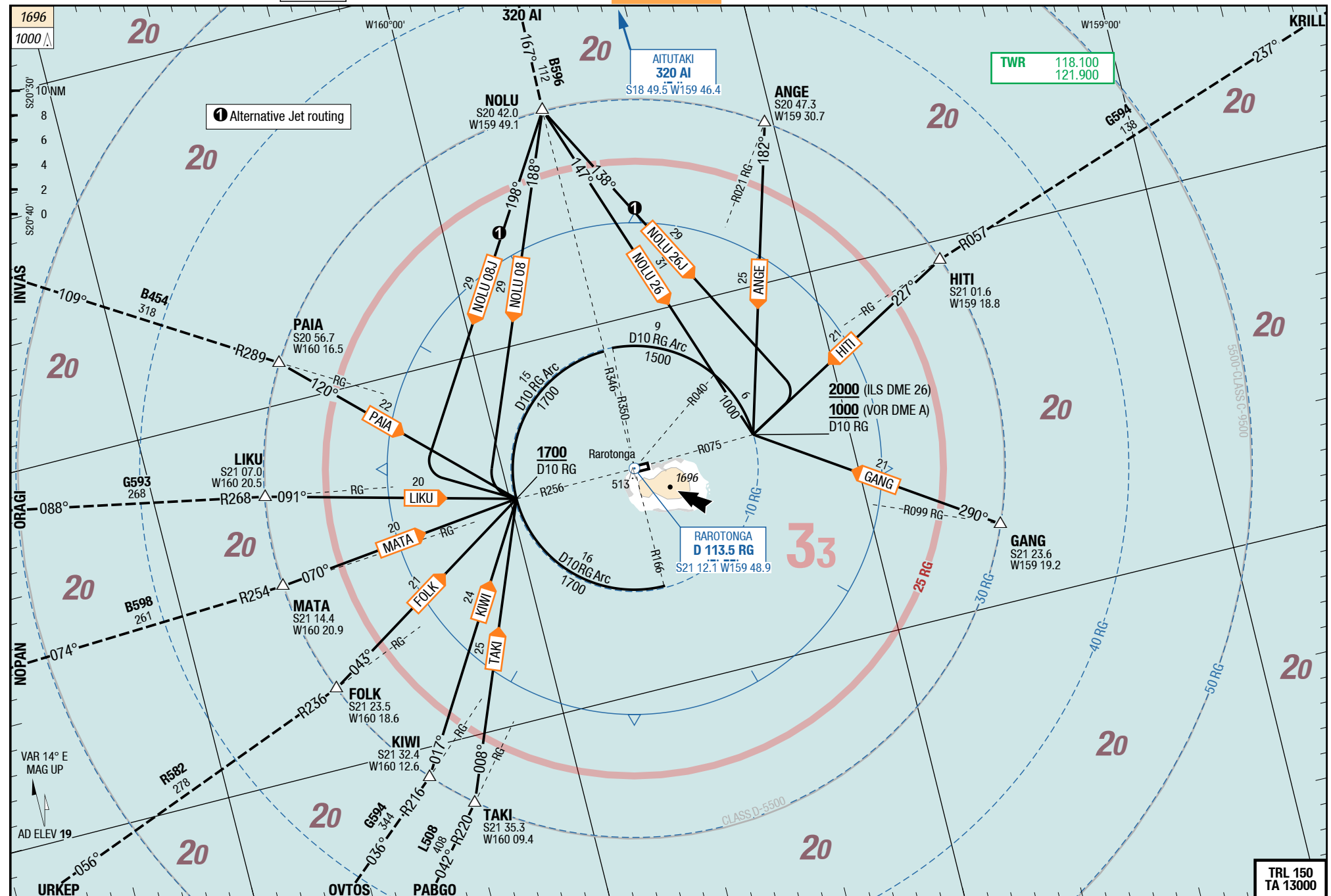
STAR

STAR

Rare

NIL

STARS

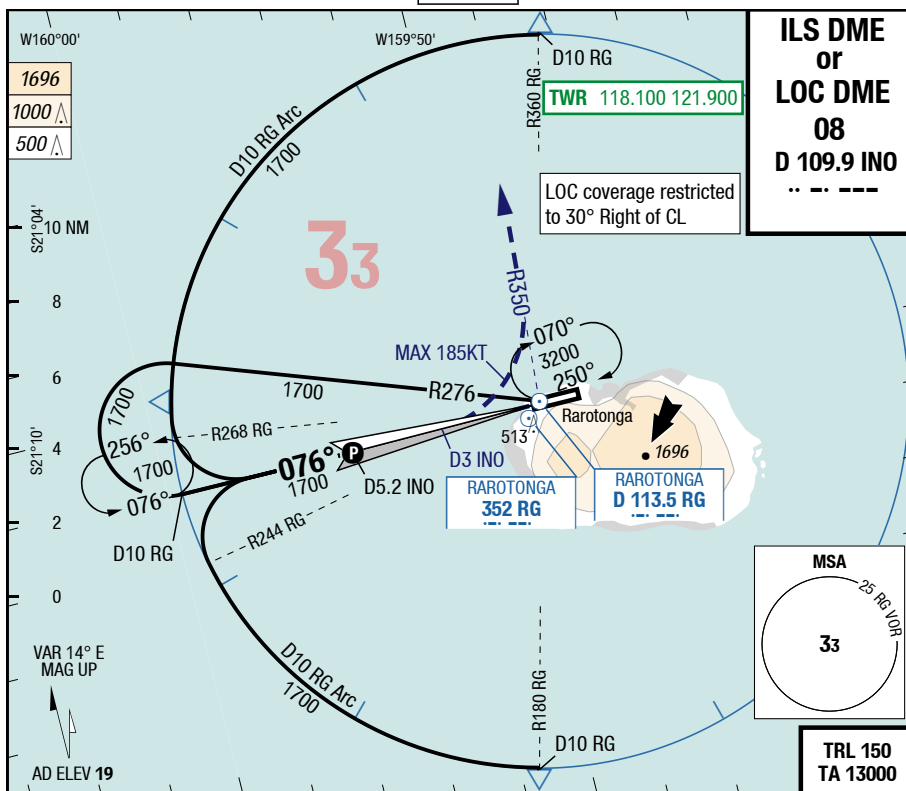
Rarotonga Intl **Rarotonga** Cook Islands

Changes: Completely revised

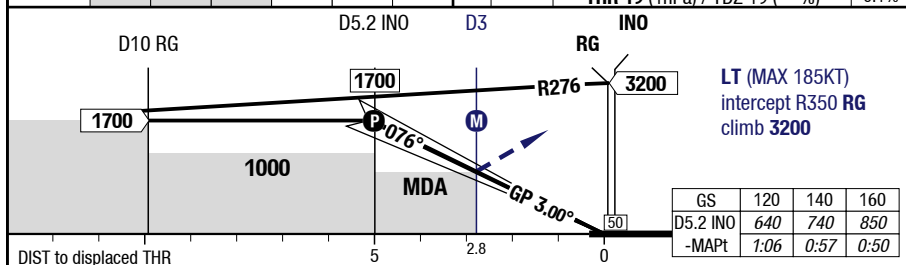
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7-10

ILS DME 08 or LOC DME 08



| | | | | | | | | | |
|-----------|--|--|--|------|------|------|----|---------------|-------------------------------------|
| LOC 3.00° | | | | 5.2 | 5 | 4 | 08 | 8.3.0° | 60 HL |
| D INO | | | | 1700 | 1590 | 1280 | | 122 2207 x 45 | HL |
| | | | | | | | | 8.3.0° | THR 19 (1hPa) / TDZ 19 (---%) -0.1% |



| 08 | | Cat 1 DME 1) | LOC DME | | | Circling N of RWY only |
|-----------|-----------------|--------------------------|--------------------------|--|--|----------------------------------|
| C | ft - m/km ft | 490 - 3.0V 500 | 540 - 5.0V 550 | | | 870 - 5.5V 880 |
| D | ft - m/km ft | 490 - 3.0V 500 | 540 - 5.0V 550 | | | 870 - 5.5V 880 |

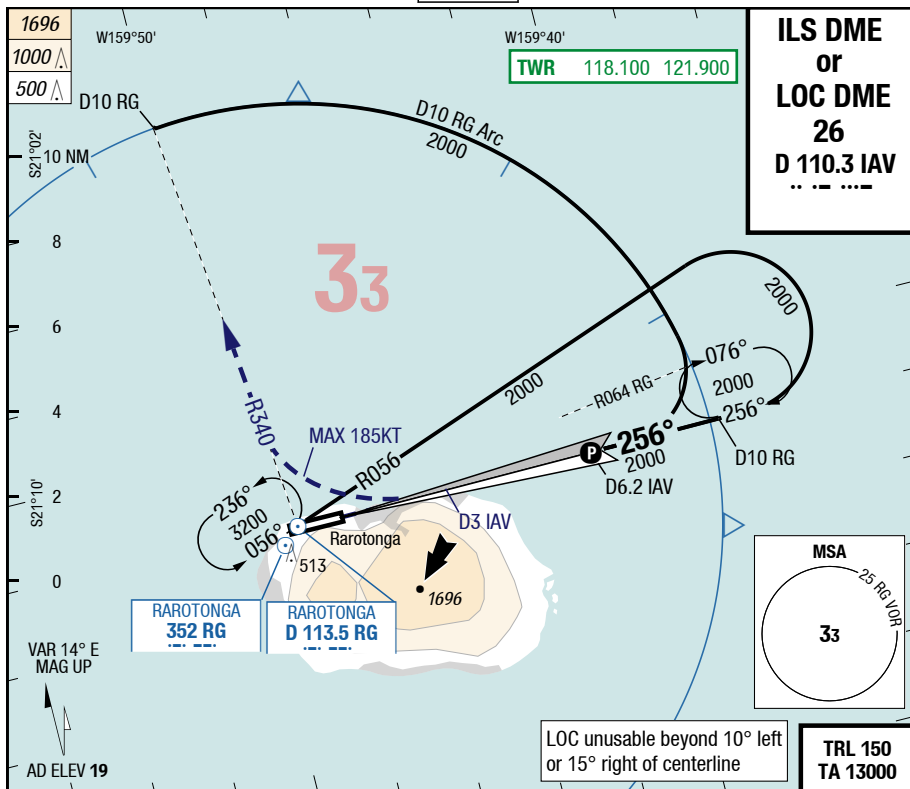
1) With EVS VIS 2.0km

Changes: APL, MSA

RAR-NCRG

7-20

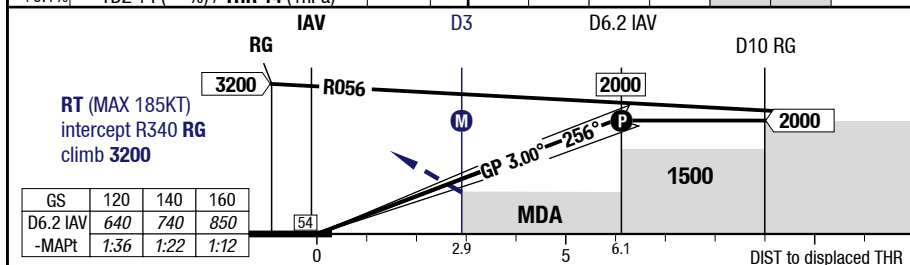
ILS DME 26 or LOC DME 26



60 HL 3.0° 8
 HL 45 x 2225 104
 3.0° 8
 +0.1% TDZ 14 (---%) / THR 14 (1hPa)

26

| 4 | 5 | 6 | 6.2 | | | | | LOC 3.00° D IAV |
|------|------|------|------|--|--|--|--|--------------------|
| 1290 | 1610 | 1930 | 2000 | | | | | |



| 26 | Cat 1 DME ¹⁾ | LOC DME HJ only | LOC DME | LOC DME | | Circling N of RWY only |
|----|-------------------------|--------------------|-------------------|-------------------|--|---------------------------|
| C | ft - m/km ft | 640 - 3.5V 650 | 690 - 3.6V 700 | 690 - 5.5V 700 | | 870 - 5.5V 880 |
| D | ft - m/km ft | 640 - 3.5V 650 | 690 - 3.6V 700 | 690 - 5.5V 700 | | 870 - 5.5V 880 |

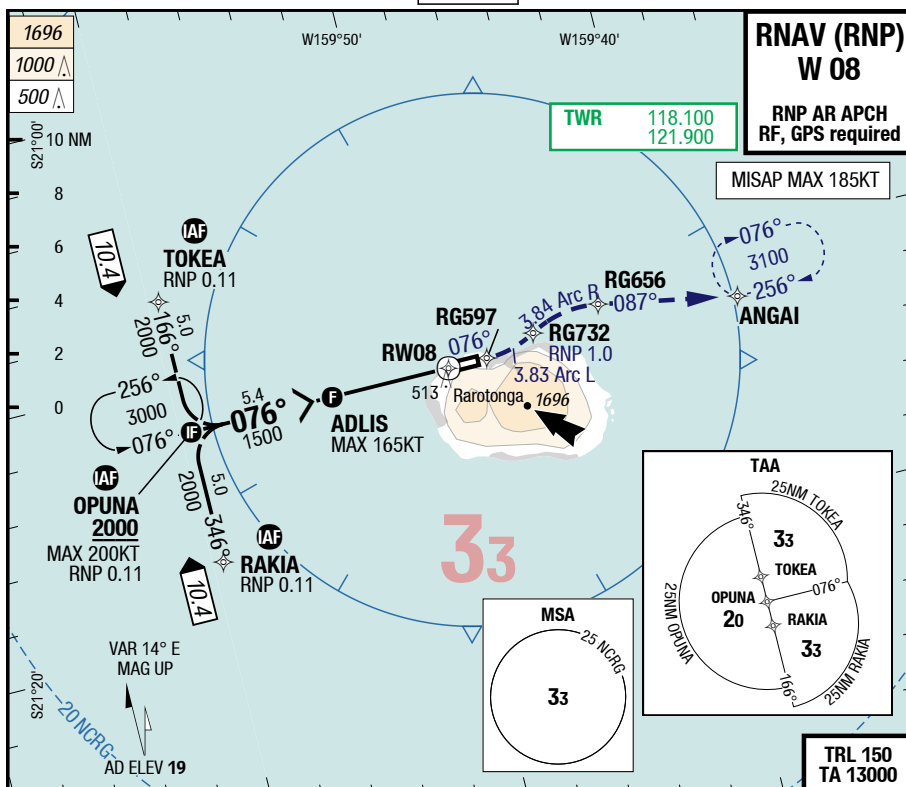
1) With EVS VIS 2.3km

Changes: APL, MSA

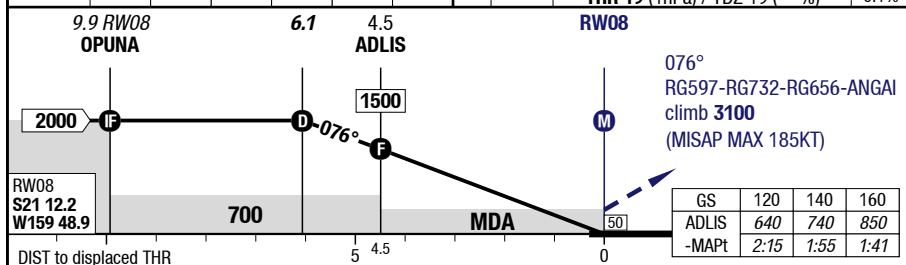
RAR-NCRG

7-30

RNAV (RNP) W 08



| | | | | | | | | |
|---------------|------|------|------|------|------|-----|----|--|
| 3.00° RW08 | 6.1 | 6 | 5 | 4 | 3 | 2 | 08 | |
| | 2000 | 1980 | 1670 | 1350 | 1030 | 710 | | |



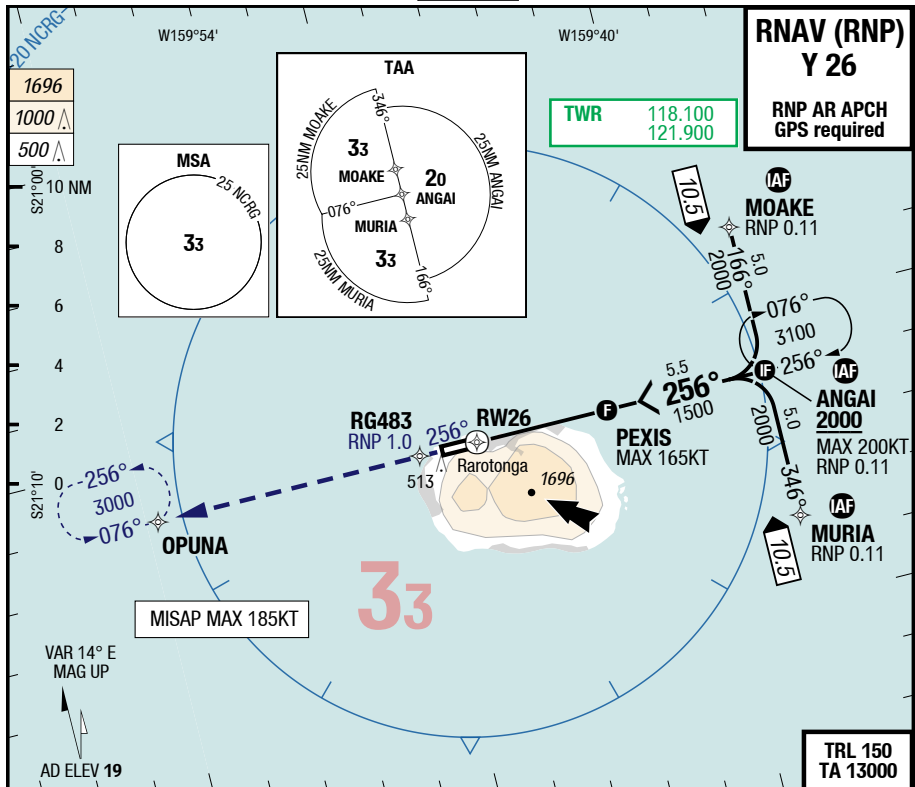
| 08 | | RNAV RNP 0.11 VNAV 1) 2) | RNAV RNP 0.20 VNAV 1) 3) | RNAV RNP 0.30 VNAV 1) 4) | Circling |
|----|-----------------|--------------------------------|--------------------------------|--------------------------------|---------------|
| | | | | | |
| C | ft - m/km ft | 430 - 2.4V 440 | 540 - 3.2V 550 | 840 - 4.8V 850 | Not published |
| D | ft - m/km ft | 430 - 2.4V 440 | 540 - 3.2V 550 | 840 - 4.8V 850 | Not published |

1) Uncompensated BARO VNAV NA below 10°C (50°F) or above 47°C (116°F) 2) With EVS VIS 1.6km 3) With EVS VIS 2.1km 4) With EVS VIS 3.2km

RAR-NCRG

7-40

RNAV (RNP) Y 26



60 HL 3.0° 8
HL 45 x 2225 104
3.0° 8
+0.1% TDZ 14 (---%) / THR 14 (1hPa)

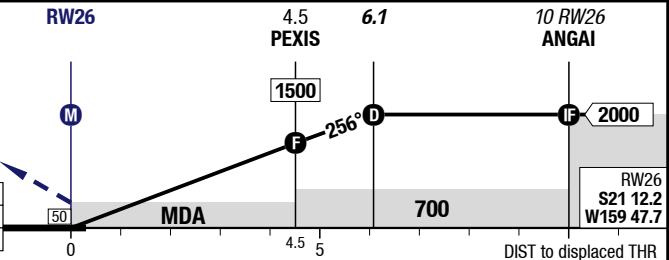
26

| 2 | 3 | 4 | 5 | 6 | 6.1 | 3.00° |
|-----|------|------|------|------|------|-------|
| 700 | 1020 | 1340 | 1660 | 1980 | 2000 | RW26 |

RW26

256°
RG483 - OPUNA
climb 3000
(MISAP MAX 185KT)

| GS | 120 | 140 | 160 |
|-------|------|------|------|
| PEXIS | 640 | 740 | 850 |
| -MAPt | 2:15 | 1:56 | 1:42 |



| 26 | | RNAV RNP 0.11 VNAV 1) 2) | RNAV RNP 0.20 VNAV 1) 3) | RNAV RNP 0.30 VNAV 1) 4) | | Circling |
|----|-----------------|--------------------------------|--------------------------------|--------------------------------|--|---------------|
| C | ft - m/km ft | 450 - 2.4V 460 | 710 - 4.0V 720 | 840 - 4.8V 850 | | Not published |
| D | ft - m/km ft | 450 - 2.4V 460 | 710 - 4.0V 720 | 840 - 4.8V 850 | | Not published |

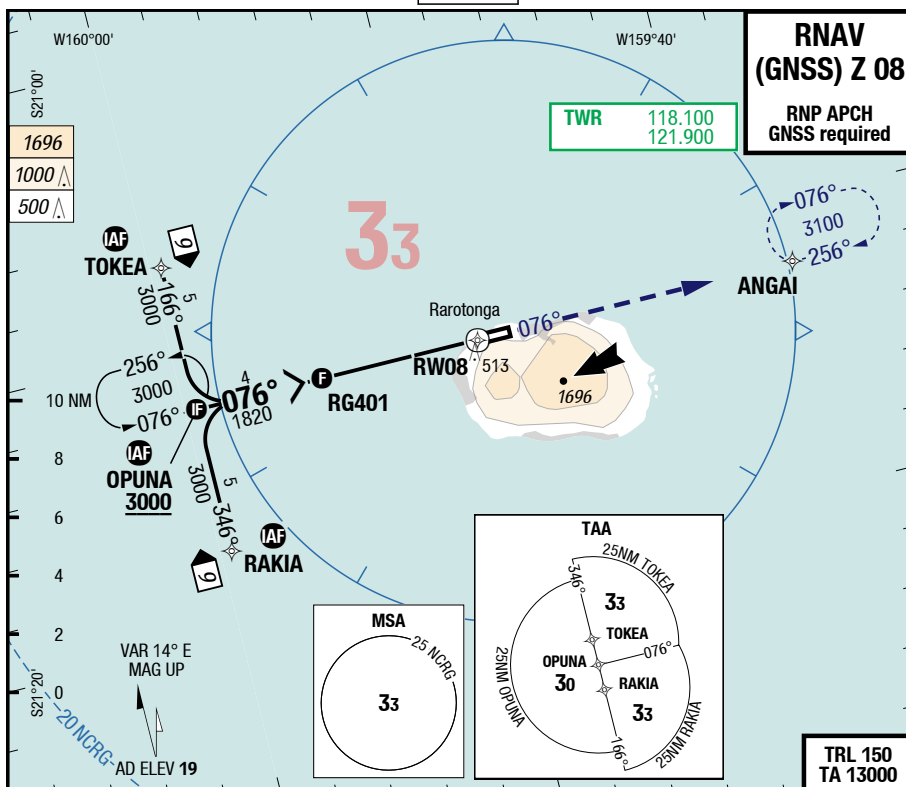
1) Uncompensated BARO VNAV NA below 10°C (50°F) or above 47°C (116°F) 2) With EVS VIS 1.6km 3) With EVS VIS 2.6km 4) With EVS VIS 3.2km

Changes: APL

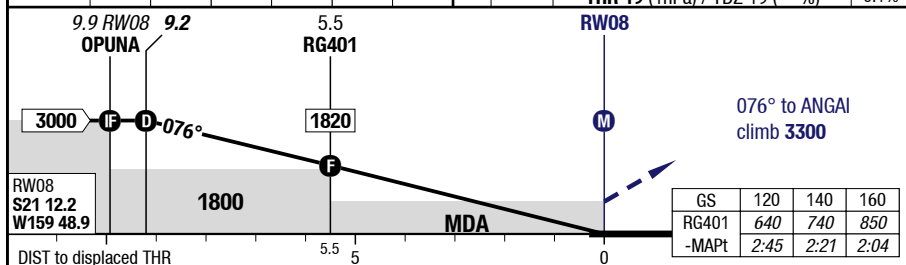
RAR-NCRG

7-50

RNAV (GNSS) Z 08



| | | | | | | | | | |
|-------|------|------|------|------|------|------|----|---|-------|
| 3.00° | 9.2 | 7 | 6 | 5 | 4 | 3 | 08 | 83.0° 60 HL 122 2207 x 45 83.0° | -0.1% |
| RW08 | 3000 | 2300 | 1980 | 1670 | 1350 | 1030 | | | |



| 08 | | RNAV GNSS VNAV GA 4.2% 1) 2) 3) 4) | RNAV GNSS VNAV GA 2.5% 1) 2) 3) 4) | RNAV GNSS LNAV | Circling N of RWY only |
|----|-----------------|--|--|---------------------|---------------------------|
| C | ft - m/km ft | 970 - 5.0V 980 | 1210 - 5.0V 1220 | 1720 - 5.0V 1730 | 1720 - 5.0V 1730 |
| D | ft - m/km ft | 970 - 5.0V 980 | 1210 - 5.0V 1220 | 1720 - 5.0V 1730 | 1720 - 5.0V 1730 |

1) SBAS use for VNAV not applicable or not authorized
2) Uncompensated BARO VNAV NA below 15°C (59°F)

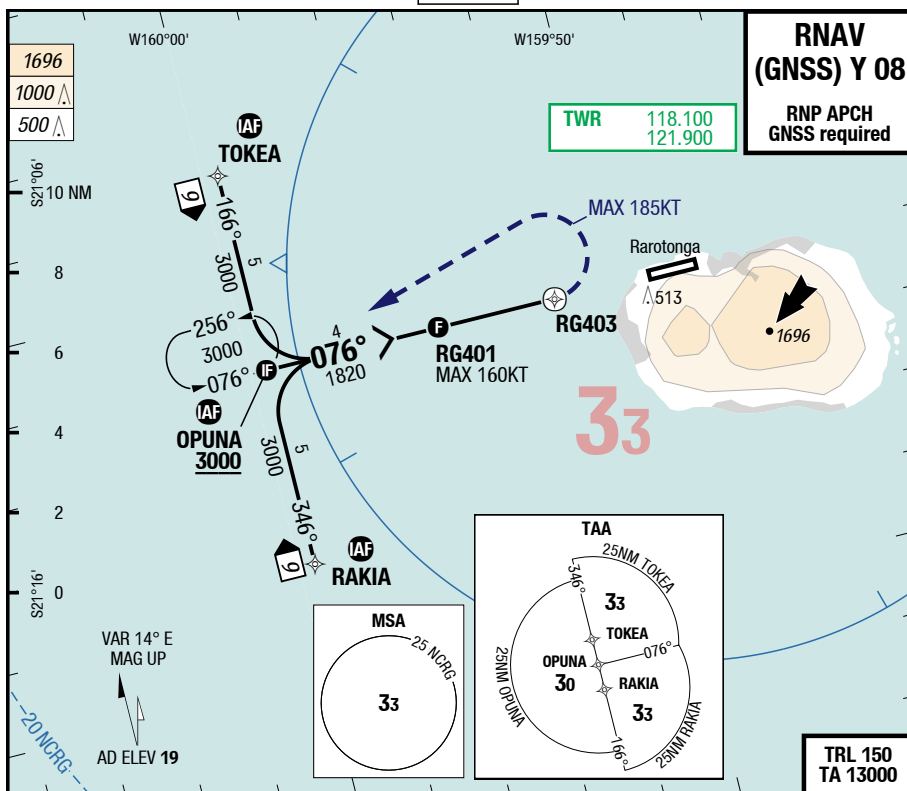
3) Use with Rarotonga (NCRG) QNH only
4) With EVS VIS 3.3km

Changes: APL

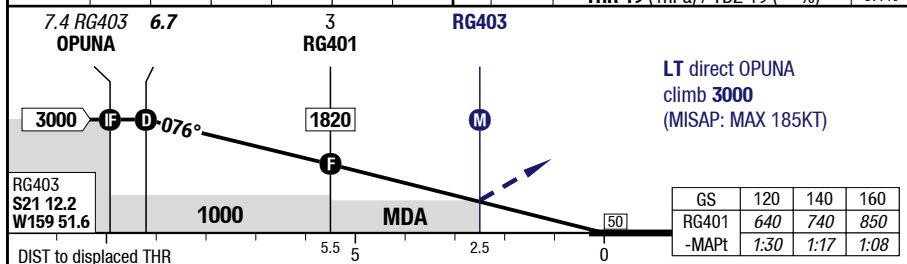
RAR-NCRG

7-60

RNAV (GNSS) Y 08



| | | | | | | | | | |
|----------------|------|------|------|------|------|------|----|---|---|
| 3.00° RG403 | 6.7 | 6 | 5 | 4 | 2 | 1 | 08 | <div><div><div>83.0°</div><div>122 2207 x 45</div><div>83.0°</div></div><div>60 HL</div><div>HL</div></div> | <div>THR 19 (1hPa) / TDZ 19 (---%)</div> <div>-0.1%</div> |
| | 3000 | 2780 | 2460 | 2140 | 1510 | 1190 | | | |

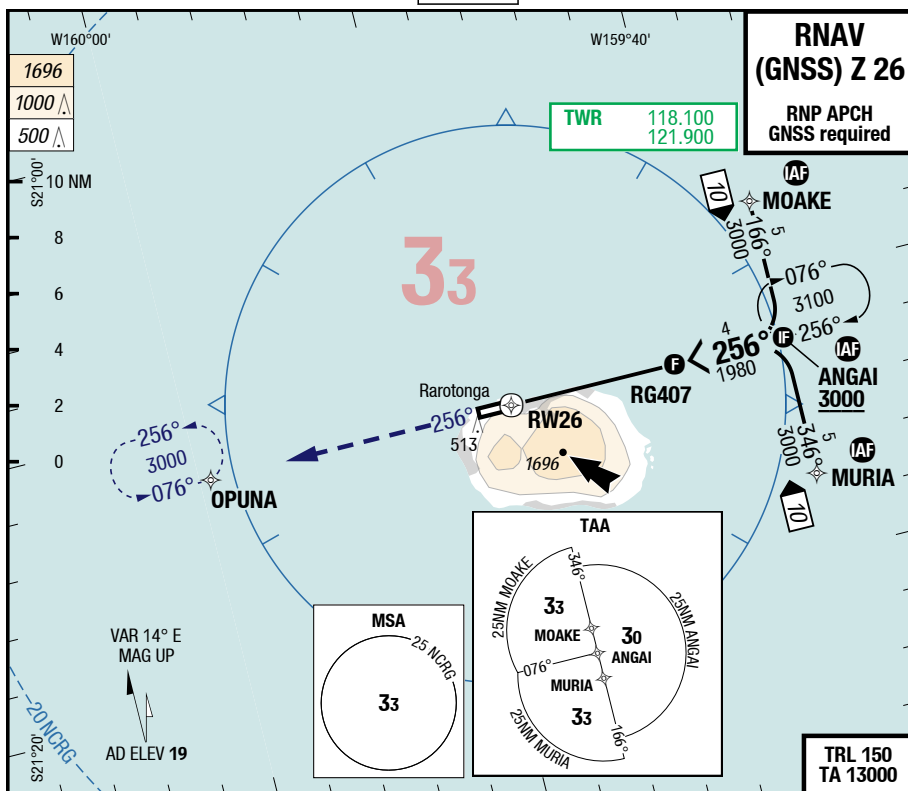


| 08 | | RNAV GNSS LNAV GA 3.6% | RNAV GNSS LNAV GA 2.5% | | | Circling N of RWY only |
|-----------|-----------------|-------------------------------------|-------------------------------------|--|--|----------------------------------|
| C | ft - m/km ft | 860 - 5.0V 870 | 980 - 5.0V 990 | | | 980 - 5.0V 990 |
| D | ft - m/km ft | 860 - 5.0V 870 | 980 - 5.0V 990 | | | 980 - 5.0V 990 |

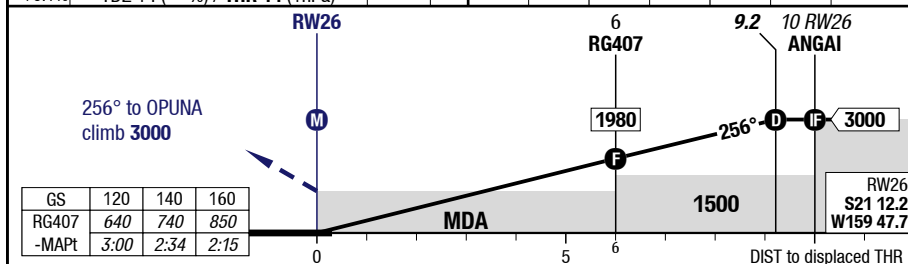
RAR-NCRG

7-70

RNAV (GNSS) Z 26



| | | | | | | | | | |
|-------|-------------------------------|-----|----|---|---|---|---|-----|-------|
| 60 HL | 3.0° | 8 | 4 | 5 | 7 | 8 | 9 | 9.2 | 3.00° |
| HL | 45 x 2225 | 104 | 26 | 4 | 5 | 7 | 8 | 9 | 9.2 |
| | 3.0° | 8 | 4 | 5 | 7 | 8 | 9 | 9.2 | 3.00° |
| +0.1% | TDZ 14 (---%) / THR 14 (1hPa) | | | | | | | | |



| 26 | RNAV GNSS VNAV 1) 2) 3) 4) | RNAV GNSS LNAV | Circling N of RWY only |
|----|--|---------------------|---------------------------|
| C | ft - m/km ft 1100 - 5.0V 1110 | 1300 - 5.0V 1310 | 1300 - 5.0V 1310 |
| D | ft - m/km ft 1100 - 5.0V 1110 | 1300 - 5.0V 1310 | 1300 - 5.0V 1310 |

1) SBAS use for VNAV not applicable or not authorized

2) Uncompensated BARO VNAV NA below 15°C (59°F)

3) Use with Rarotonga (NCRG) QNH only

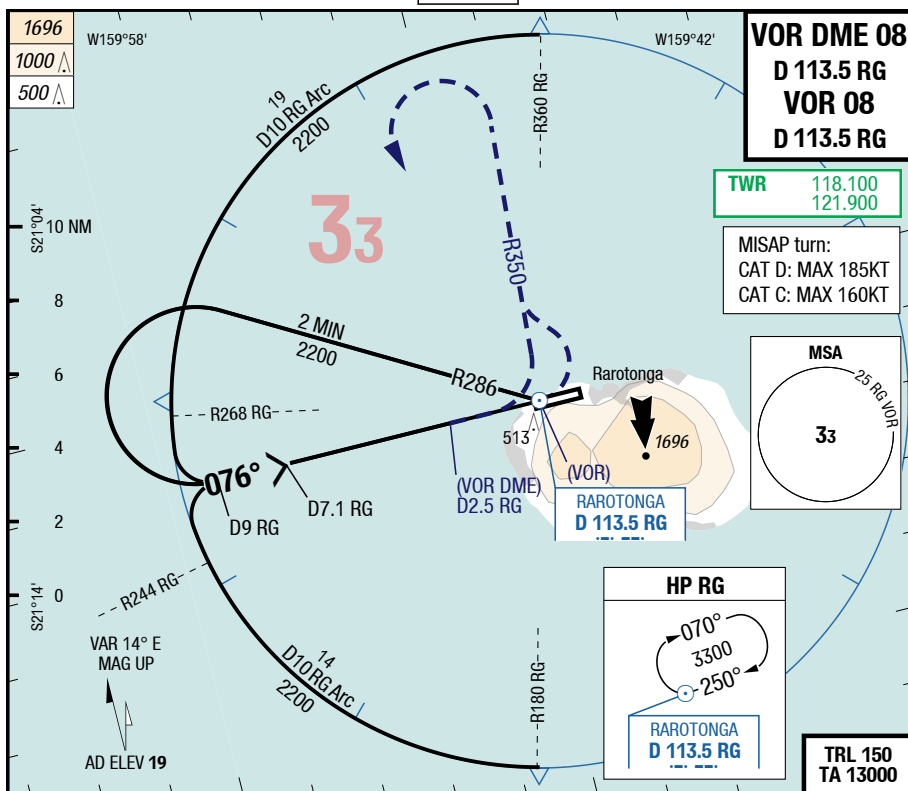
4) With EVS VIS 3.3km

Changes: APL

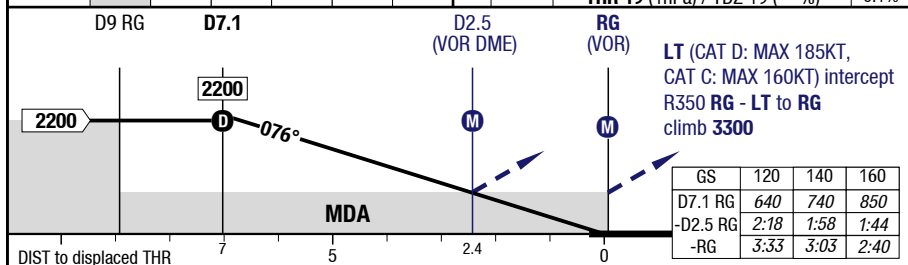
RAR-NCRG

7-90

VOR DME 08 / VOR 08



| | | | | | | | | | |
|---------------|------|------|------|------|------|----|---------------------------------|-------------|-------------------------------------|
| 3.00° D RG | 7.1 | 6 | 5 | 4 | 3 | 08 | 83.0° 122 2207 x 45 83.0° | 60 HL HL | THR 19 (1hPa) / TDZ 19 (---%) -0.1% |
| | 2200 | 1960 | 1640 | 1320 | 1000 | | | | |

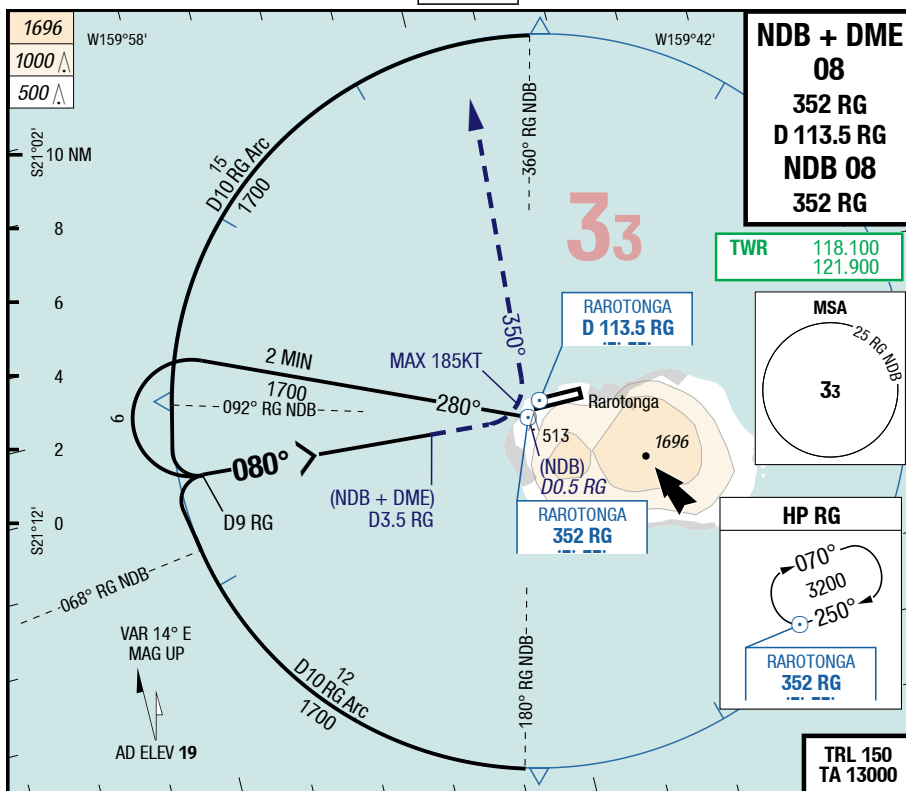





| 08 | VOR DME | VOR | | | Circling N of RWY only |
|----|-----------------|-------------------|---------------------|--|---------------------------|
| C | ft - m/km ft | 810 - 5.0V 820 | 1250 - 5.0V 1260 | | 1250 - 5.0V 1260 |
| D | ft - m/km ft | 880 - 5.0V 890 | 1250 - 5.0V 1260 | | 1250 - 5.0V 1260 |

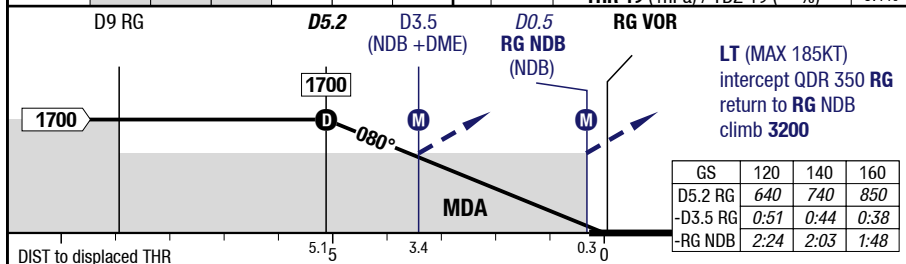
RAR-NCRG

7-100

NDB + DME 08 / NDB 08



| | | | | | | | | |
|----------------------------|--|--|--|------|------|------|---|---|
| 3.00° | | | | 5.2 | 5 | 4 |  |  |
| D RG 080° | | | | | | | |  |
| RWY 076° | | | | 1700 | 1640 | 1320 | | THR 19 (1hPa) / TDZ 19 (---%) -0.1% |

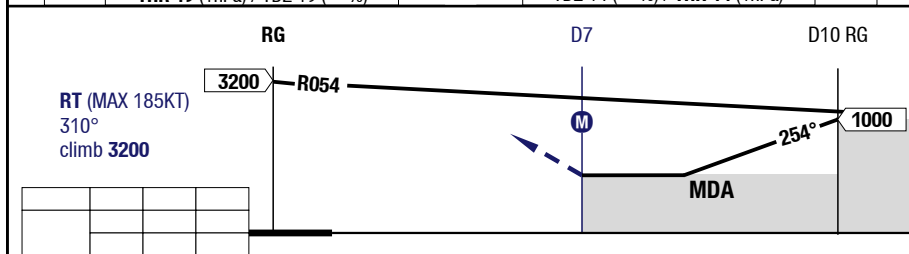
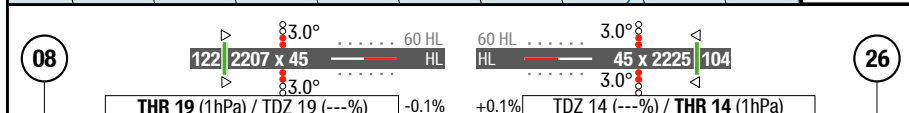
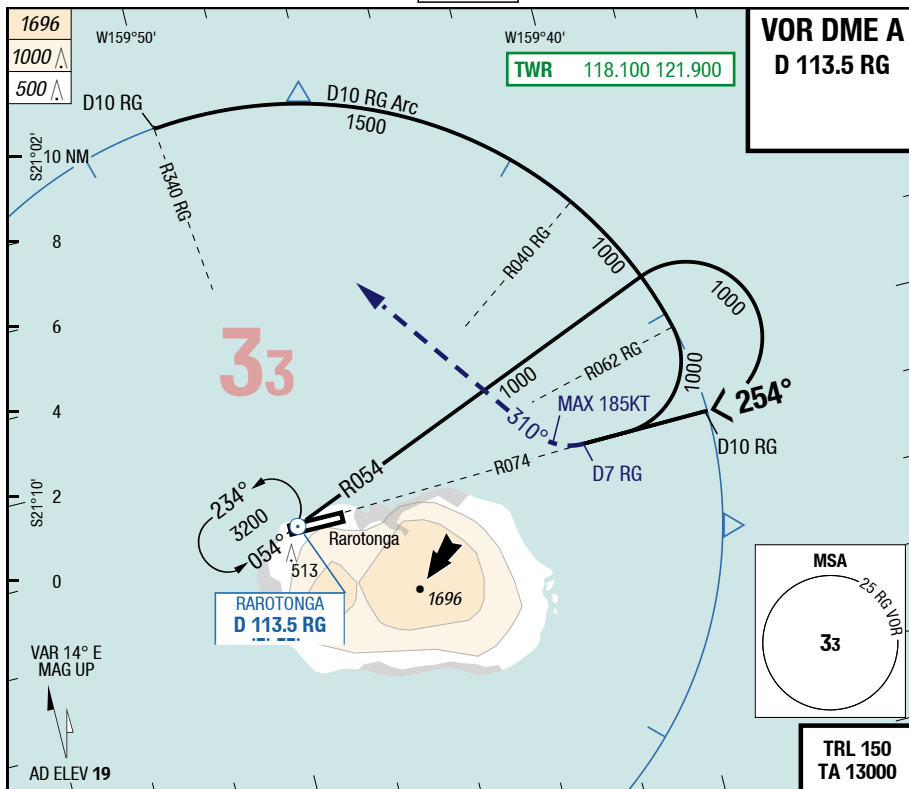


| 08 | | NDB DME RG HJ only | NDB DME RG | | | | Circling N of RWY only |
|----|-----------------|--------------------------|--------------------------|--|--|--|---------------------------|
| C | ft - m/km ft | 710 - 4.0V 720 | 710 - 6.5V 720 | | | | 870 - 6.5V 880 |
| D | ft - m/km ft | 710 - 4.0V 720 | 710 - 6.5V 720 | | | | 870 - 6.5V 880 |

RAR-NCRG

7-110

VOR DME A



| 08/26 | | | | | | Circling N of RWY only HJ only | Circling N of RWY only |
|-------|-----------------|--|--|--|--|--------------------------------------|---------------------------|
| C | ft - m/km ft | | | | | 870 - 5.5V 880 | 870 - 10.0V 880 |
| D | ft - m/km ft | | | | | 870 - 5.5V 880 | 870 - 10.0V 880 |