

**GENERAL****Operational Hours****ATS Hours / AD OPS Hours**

MON-THU 0430-1700

FRI 0430-1800

SAT 0630-1300

SUN 0630-1730

**AD ADMIN Hours**

MON-FRI 0600-1400

**Airport Information****RFF:** CAT 7**Fuel:** MON-THU, SUN 0600-1600, FRI 0600-1700, SAT 0600-1200. Only AVBL on the Main APN**PCN:** RWY 11/29: 49/F/B/Y/U**Customs:** Not published**Operation****Traffic Note**

RWY, TWY, APN and APCH lights are turned off when TWR CLSD, thereafter activation by pilot, but only in case of EMERG. For all other cases use of lighting PPR.

**RWY Restriction**

RWY CLSD for MAINT: MON-FRI 0400-0430, SAT and SUN 0600-0630.

RWY 11/29: Code letter C ACFT and above are permitted to do 180° turns on turn pad at THR 11 only.

**Taxi/Parking**

Contact APN while still on TWYs and follow guide lines from TWY CL to stand.

Parking bays on APN not marked.

Marshaller guidance at stands.

**Warnings**

Mountain range to north of AD.

Manoeuvring area partly not visible from TWR.

TWY A from intersection of TWY B to the HLDG point of RWY 11 not visible by ATC.

Birds in vicinity of AD.

## ARRIVAL

### Communication

After LDG (RWY vacated) inform ATC about ACFT REG and prior arranged parking bay. Readback of taxi instructions.

**COM Failure:** See CRAR and in addition;

#### **XALIN 1B RNAV**

Before XALIN:

Proceed to XALIN and enter the XALIN RNAV (GNSS) hold. Hold at FL160 for MNM 5min. Leave XALIN on the "After XALIN" COM failure PROC.

After XALIN:

Continue on XALIN 1B RNAV (GNSS) STAR and continue on the RNAV (GNSS) APCH RWY 11 or establish on the ILS LOC RWY 11 and land.

#### **AXEMU 1A RNAV**

Before AXEMU:

Proceed to AXEMU and enter the AXEMU RNAV (GNSS) hold. Hold at FL200 for MNM 5min. Leave AXEMU on the "After AXEMU" COM failure PROC.

After AXEMU:

Continue on AXEMU 1A RNAV (GNSS) STAR. At EGMEP continue on the RNAV (GNSS) APCH RWY 11 or establish on the ILS LOC RWY 11 and land.

#### **GABGO 1A RNAV**

Before GABGO:

Proceed to GABGO, then to XALIN and enter the XALIN RNAV (GNSS) hold. Hold at last assigned LVL for MNM 5min at or above FL160. Leave XALIN on the "After GABGO" COM failure PROC.

After GABGO:

Continue on GABGO 1A RNAV (GNSS) STAR to UTELU. At UTELU continue on the RNAV (GNSS) APCH RWY 11 or establish on the ILS LOC RWY 11 and land.

#### **GABGO 1B RNAV**

Before GABGO:

Proceed to GABGO, then to XALIN and enter the XALIN RNAV (GNSS) hold. Hold at last assigned LVL for MNM 5min at or above FL160. Leave XALIN on the "After GABGO" COM failure PROC.

After GABGO:

Continue on GABGO 1B RNAV (GNSS) STAR to ATUDI. At ATUDI continue on the RNAV (GNSS) APCH RWY 11 or establish on the ILS LOC RWY 11 and land.

#### **RNAV GNSS RWY 11**

When cleared for this PROC, complete APCH. If not, continue to UTELU at 7000ft or higher. Hold for 5min, descend to 5500ft and then attempt another APCH.

#### **MISAP RNAV GNSS RWY 11**

Climb to 5500ft. Follow track 114° to GG1M1. At GG1M1, turn right to GG1M2. At GG1M2 turn right to UTELU and hold for 5min, then attempt another APCH.

### Arrival Procedure

When ATC uses the term "Radar vectored short ILS APCH", the interpretation should be that the GP intercept will be below the initial APCH ALT and therefore resulting in a shorter APCH than normal.

#### **Non-standard GP Intercept Position on RWY 11**

GP intercepts RWY 11 at 308m / 1011ft after landing threshold.

Remaining DIST beyond GP is 1692m / 5551ft.

## DEPARTURE

## Take-off Minima

RWY		29	
A, B, C	ft - m/km	0 - 150R	-
D		0 - 200R/200V	-
RWY		11	
A, B, C	ft - m/km	0 - 250R/250V	-
D		0 - 300R/300V	-

## Communication

**COM Failure:** See CRAR and in addition;

**KATOR 1A**

Comply with KATOR 1A RNAV (GNSS) SID. At GG361 climb to FPL level. At KATOR, set course as per FPL. ACFT wishing to return to FAGG must continue to KATOR at last assigned FL. From KATOR turn right to XALIN and enter the XALIN (GNSS) hold at FL160 for MNM 5min. Comply with XALIN 1A STAR COM failure PROC.

## Departure Procedure

**Start-up**

For start-up and taxi CLR contact TWR.

Report DEST and POB to APN prior contacting TWR.

**Noise Abatement Procedure:** Use ICAO Standard NADP 2.

Effective 24-MAY-2018

17-MAY-2018

GRJ-FAGG

South Africa George

AGC

AFC

AFC

AFC

George South Africa

AGC

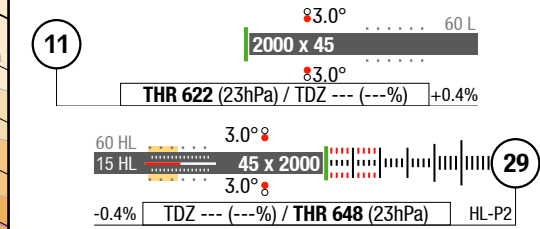
AFC

2-10



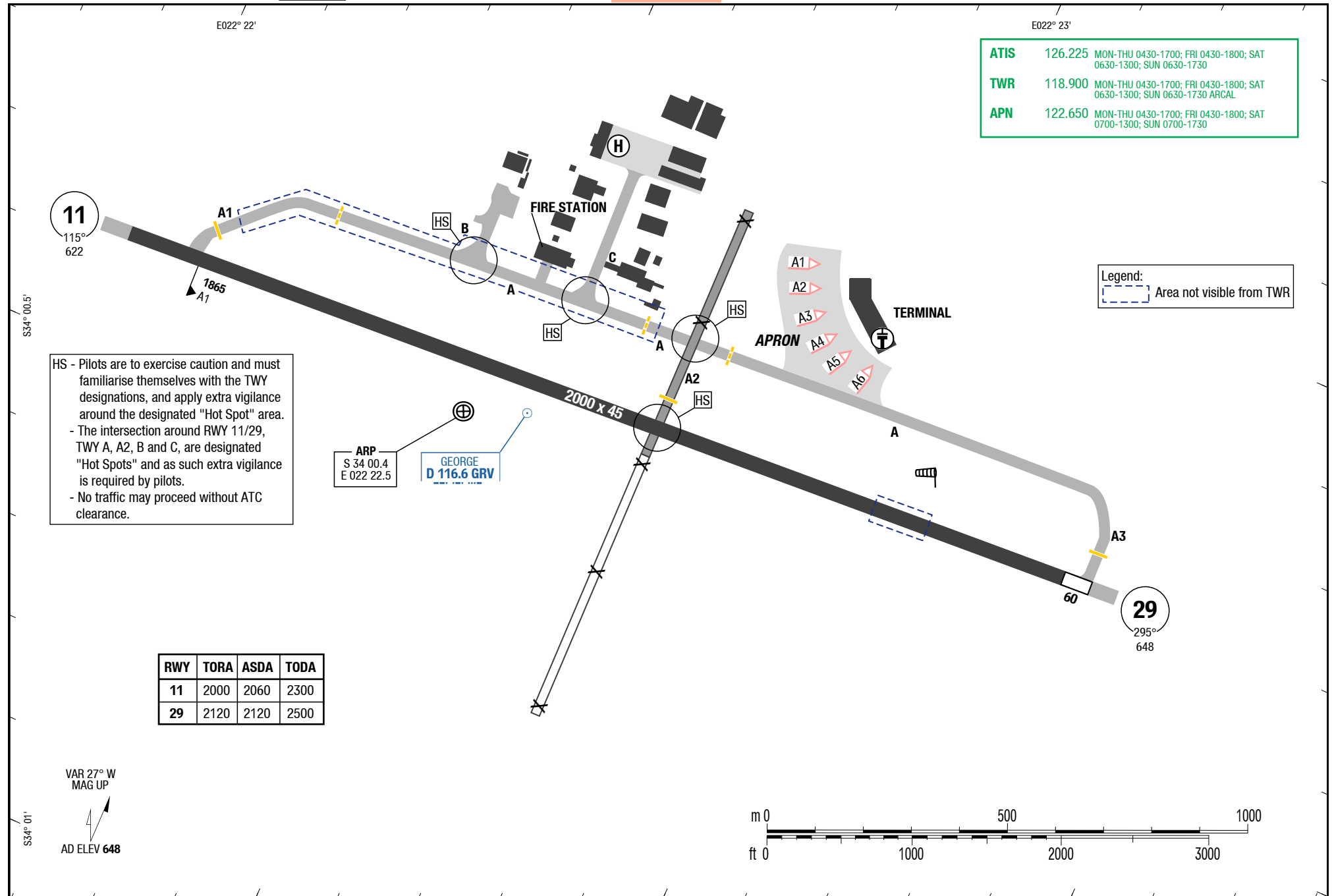
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APP	128.200 MON-THU 0430-1700; FRI 0430-1800; SAT 0630-1300; SUN 0630-1730
TWR	118.900 MON-THU 0430-1700; FRI 0430-1800; SAT 0630-1300; SUN 0630-1730 ARCAL
APN	122.650 MON-THU 0430-1700; FRI 0430-1800; SAT 0700-1300; SUN 0700-1730

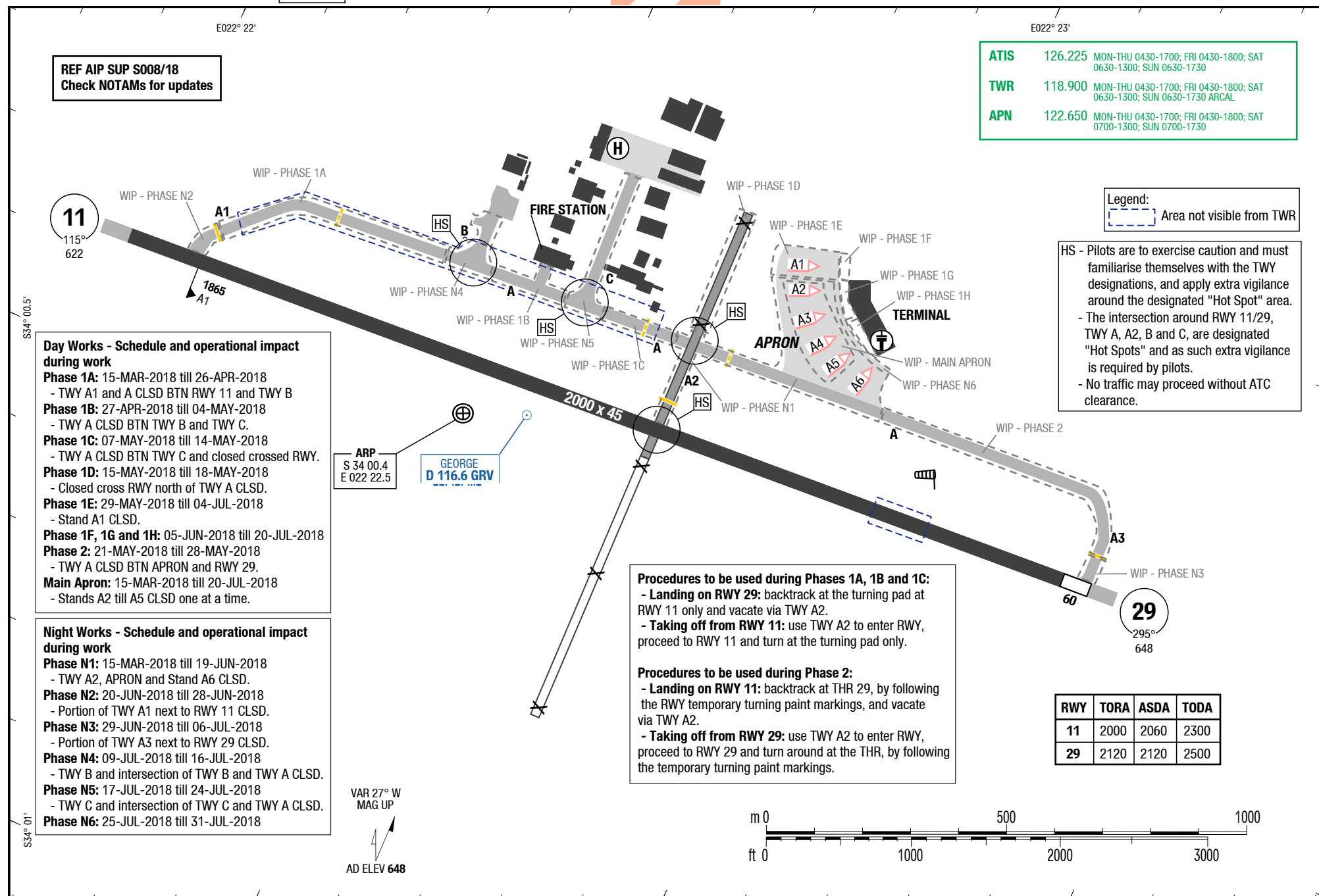
Landing RWY system:



Changes: PROC, VAR

3-20





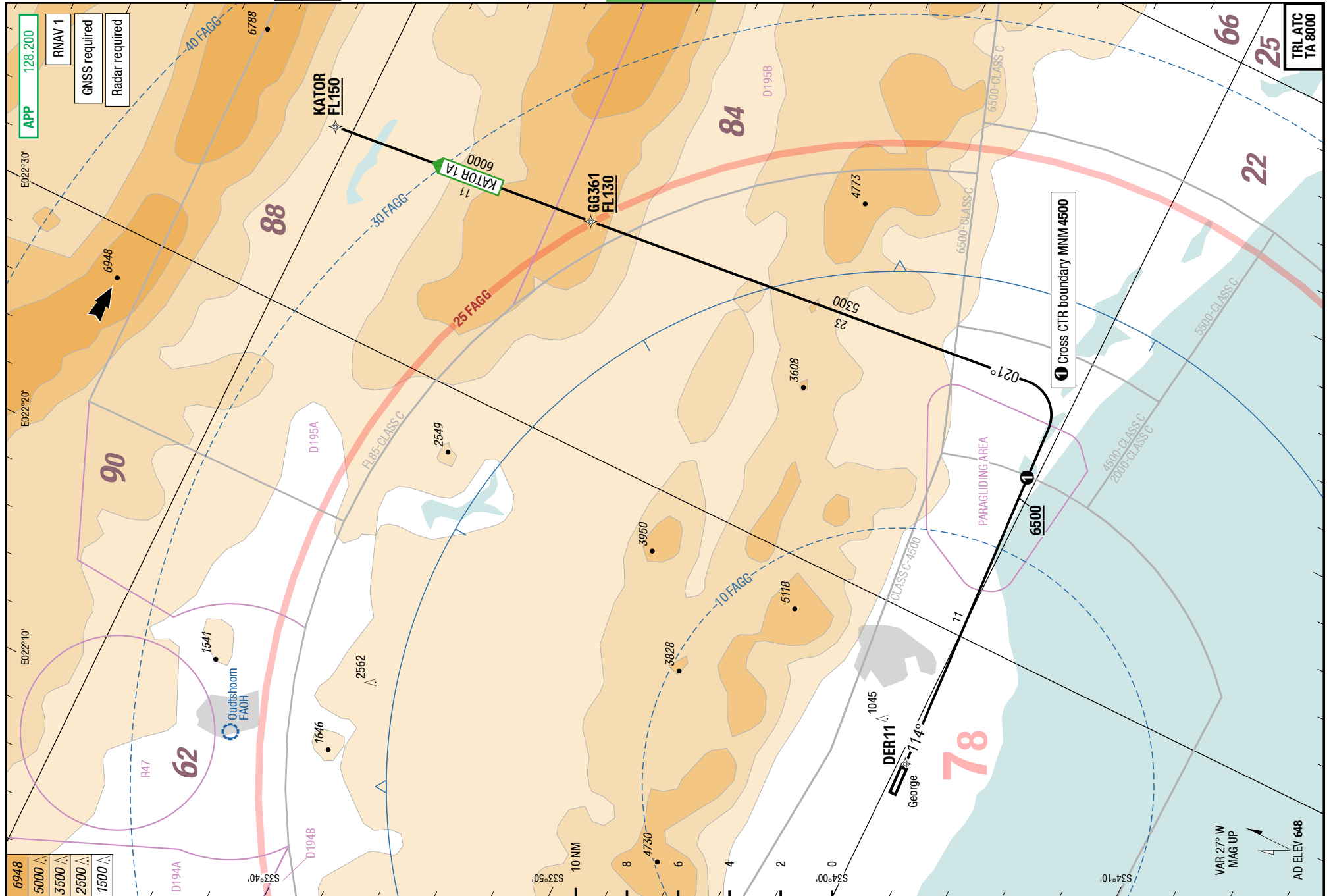
**GRJ-FAGG**

## KATOR 1A RNAV

SID

## KATOR 1A RNAV

**4-10**



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**KATOR 1A**

RWY 11 (115°)

**When passing 2500, contact George APP.**

	GS	120	150	180	210	240	270
8.0%	ft/MIN	1000	1300	1500	1800	2000	2200

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 11</b>	
<b>KATOR 1A</b> 8.0% to 6500 <b>128.200</b> ①②	DCT DER11 - 114° [A6500+] - 021° GG361 - KATOR	GG361 MNM <b>FL130</b> KATOR MNM <b>FL150</b>

① Climb gradient due to airspace constraints.

② Cross CTR boundary MNM 4500ft.



Effective 24-MAY-2018

17-MAY-2018

GRJ-FAGG

6-10

South Africa George

GABGO 1A RNAV

AXEMU 1A RNAV

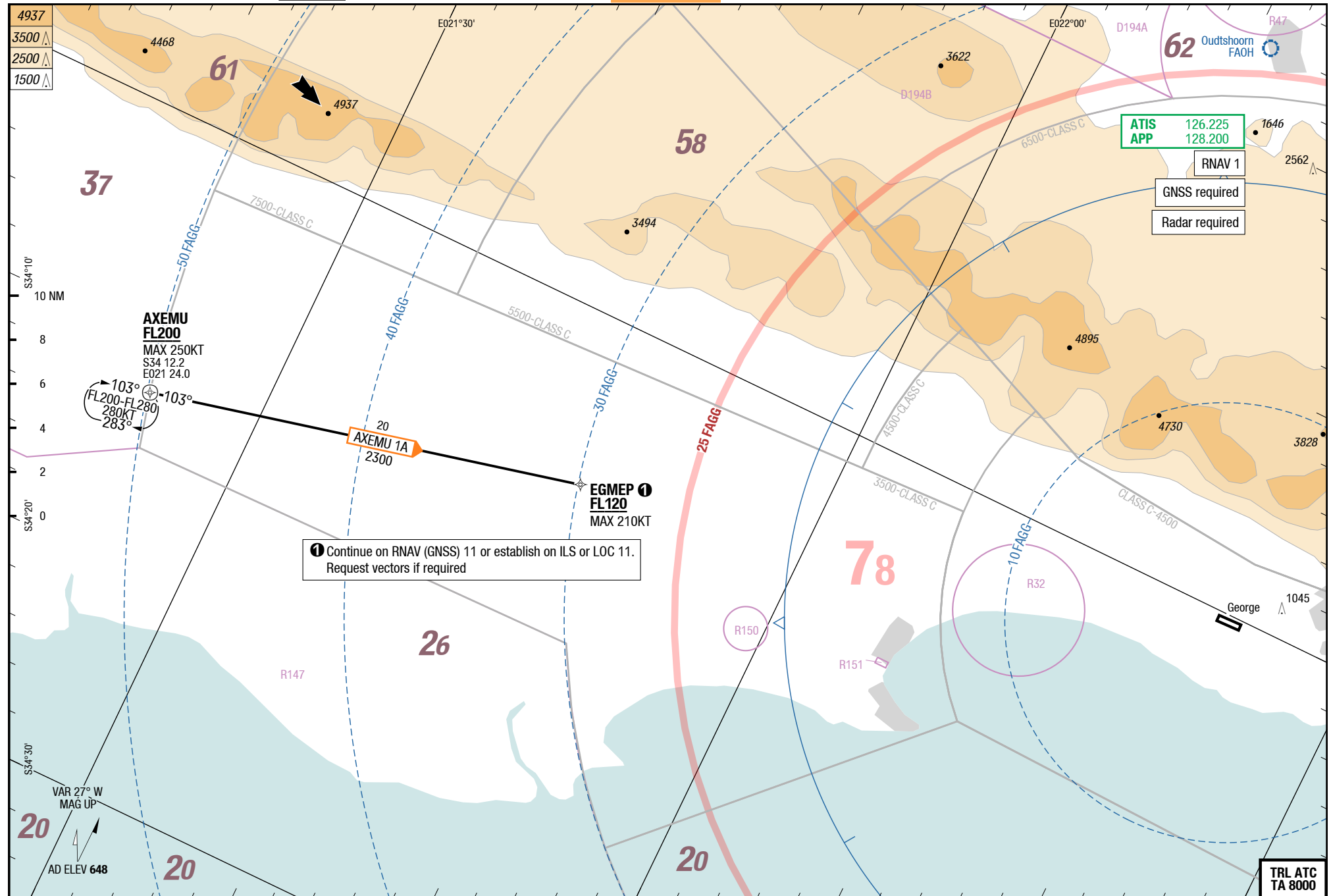
STAR

STAR

George South Africa

GABGO 1A RNAV

AXEMU 1A RNAV



Changes: new

**GRJ-FAGG**

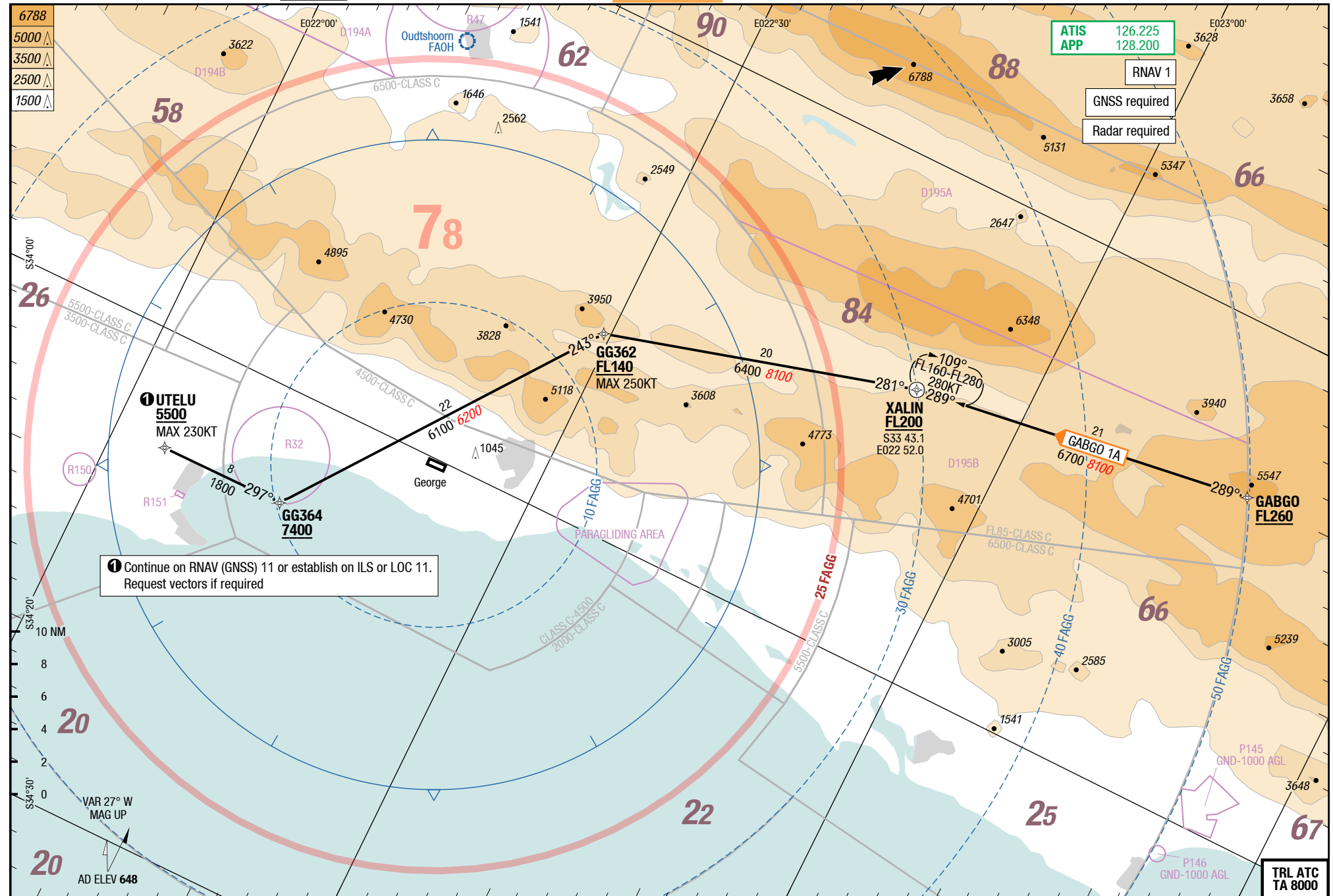
## GABGO 1A RNAV

# STAR

# STAR

## GABGO 1A RNAV

6-20



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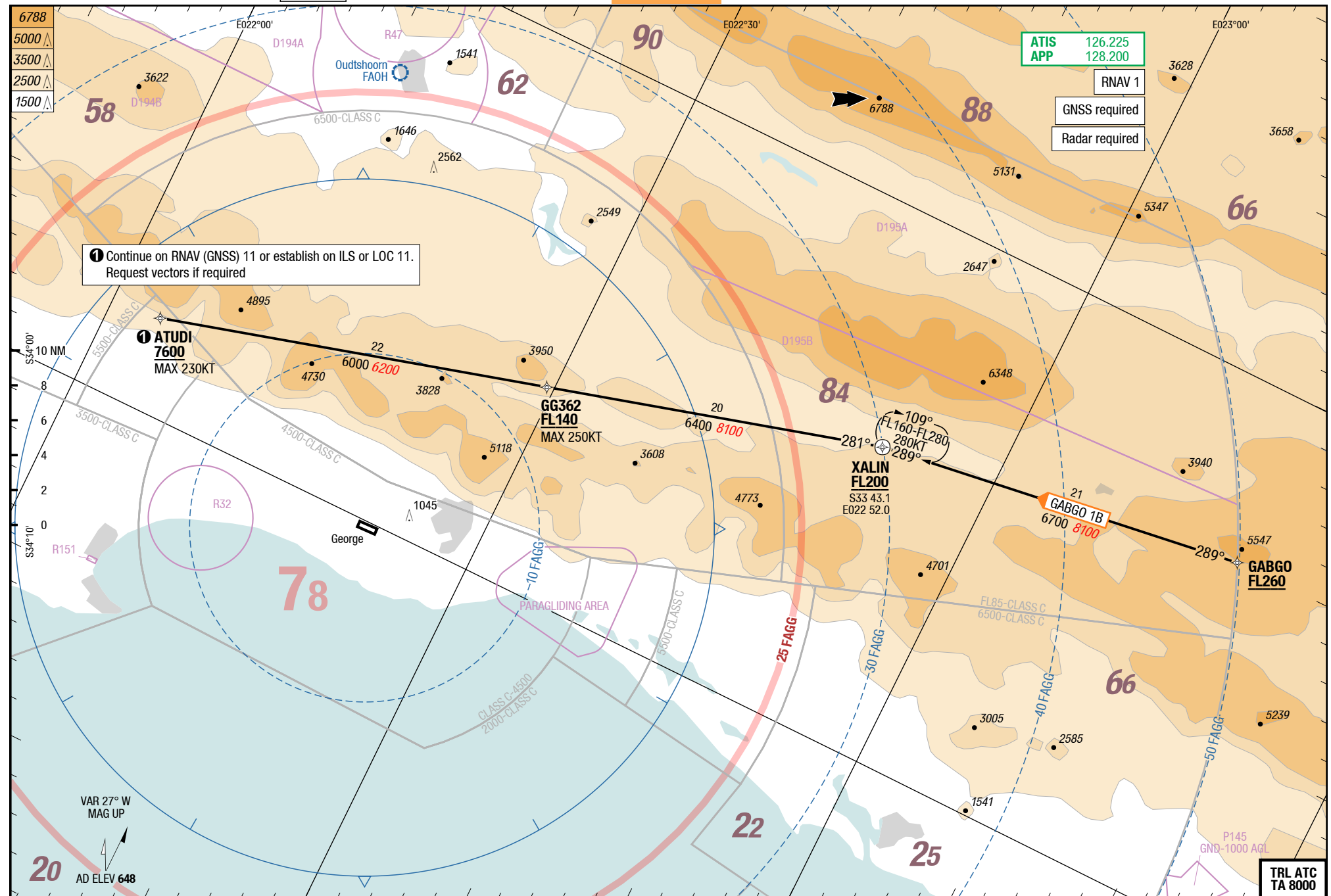
**GRJ-FAGG**

## GABGO 1B RNAV

# STAR

# STAR

## GABGO 1B RNAV



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17-MAY-2018

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South Africa George

XALIN 1B RNAV

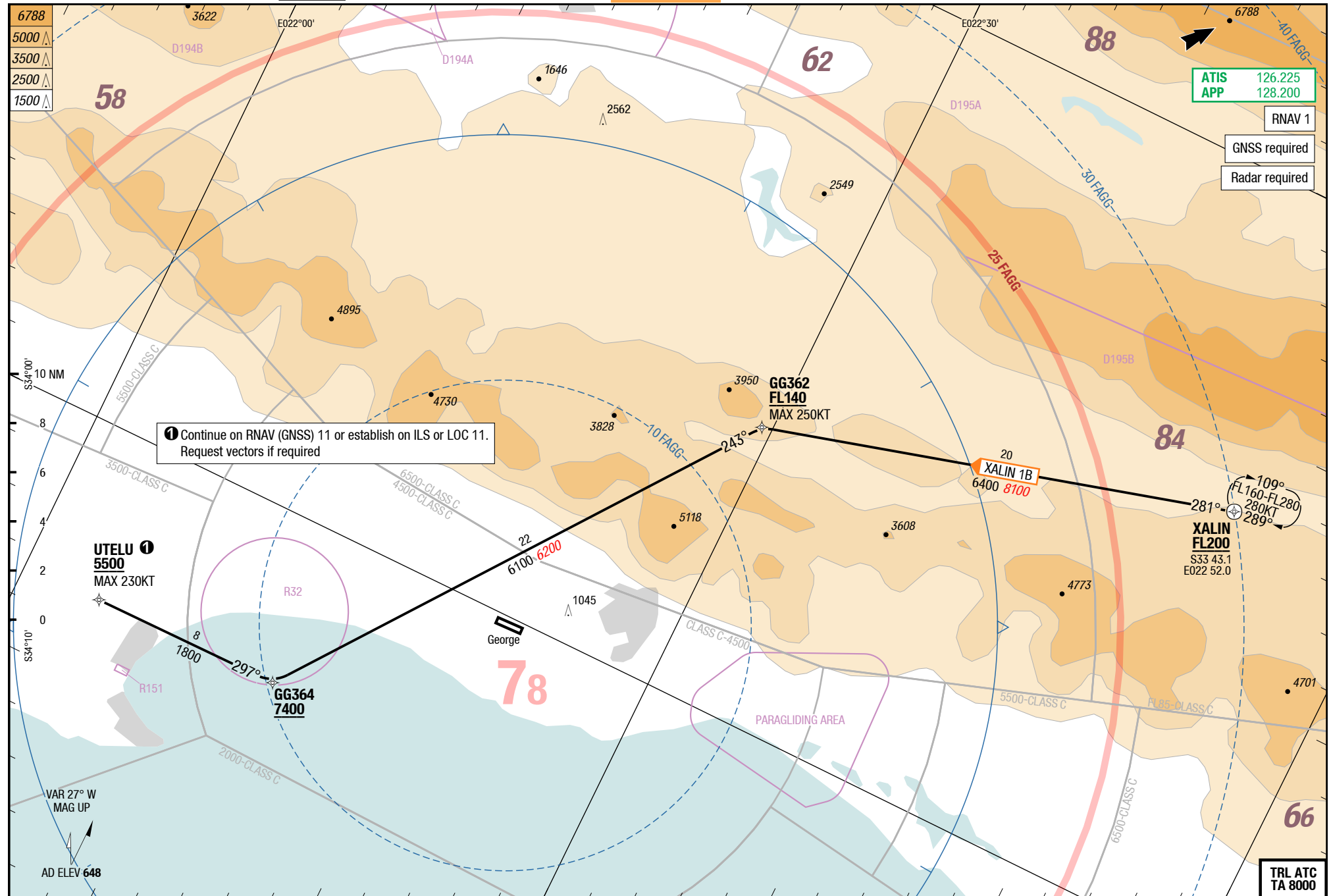
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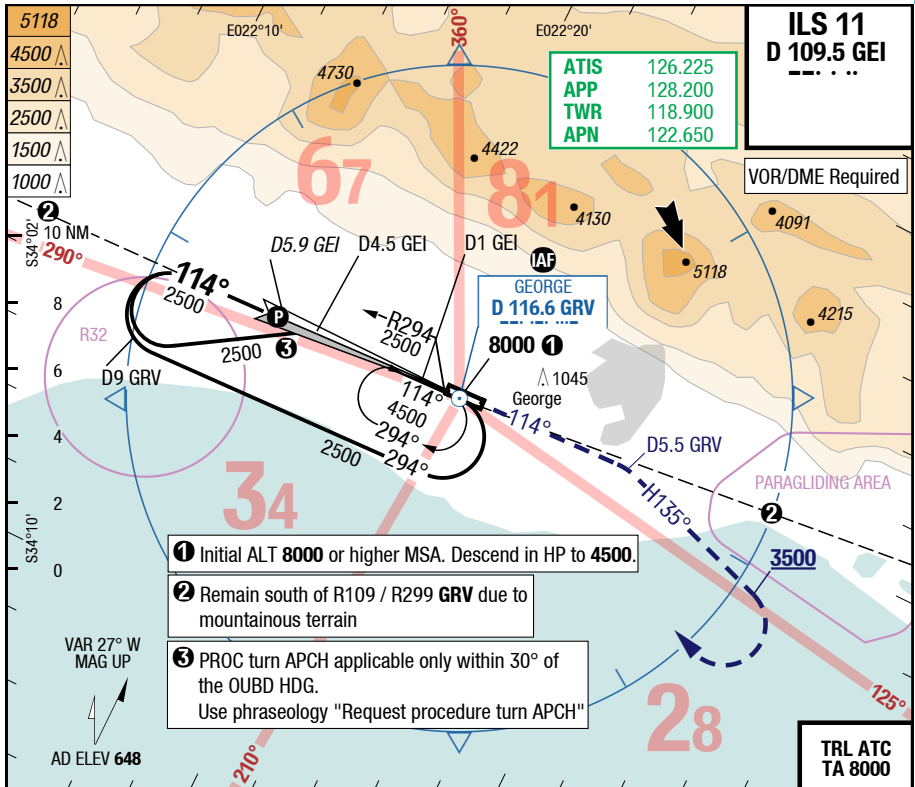
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George South Africa

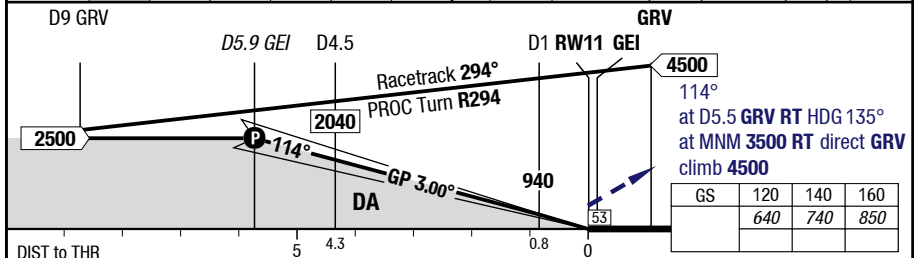
XALIN 1B RNAV

6-40





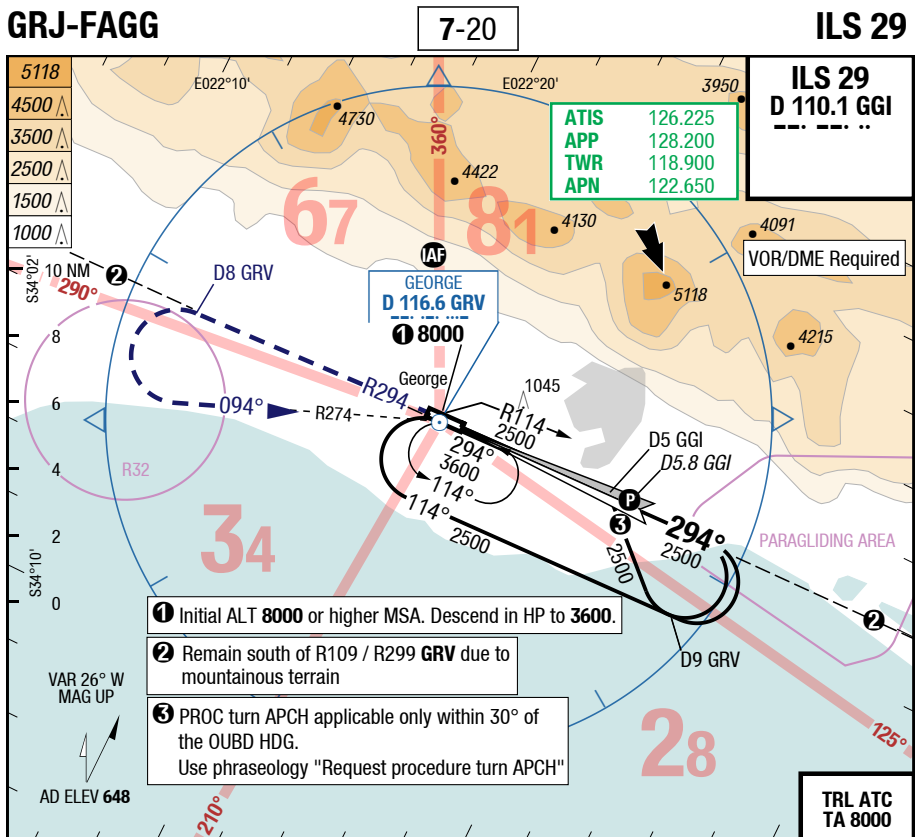
D GEI	5.9	5	4	3	2	11	THR 622 (23hPa) / TDZ --- (---%) +0.4%
114°	2500	2240	1920	1590	1270	11	
RWY 115°							



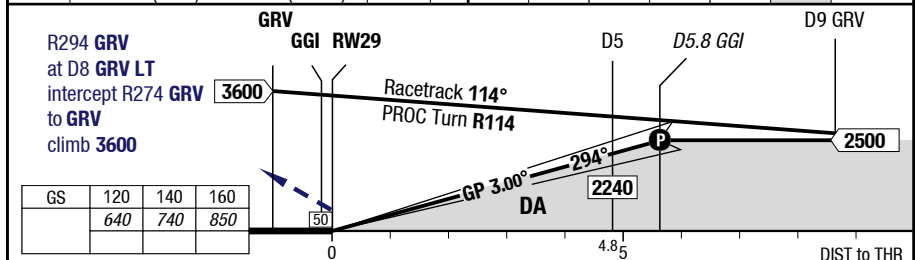
11	Cat 1 DME 1)	LOC			Circling 2)
C	ft - m/km ft 300 - 1.4 930	Not published			Not published
D	ft - m/km ft 300 - 1.4 930	Not published			Not published

1) With EVS 900m, wo EVS use STD  
2) At discretion of PIC and S of RWY only





60 HL	3.0°	1	2	3	4	5.8		D GGI
15 HL	45 x 2000	970	1290	1610	1930	2500		
-0.4%	TDZ --- (---%) / THR 648 (23hPa)							



29	Cat 2 DME	Cat 1 DME 1)	LOC		Circling 2)
C	ft - m/km ft	100 - 300R 114 RA	200 - 550 850	Not published	Not published
D	ft - m/km ft	100 - 300R 114 RA 3)	200 - 550 850	Not published	Not published

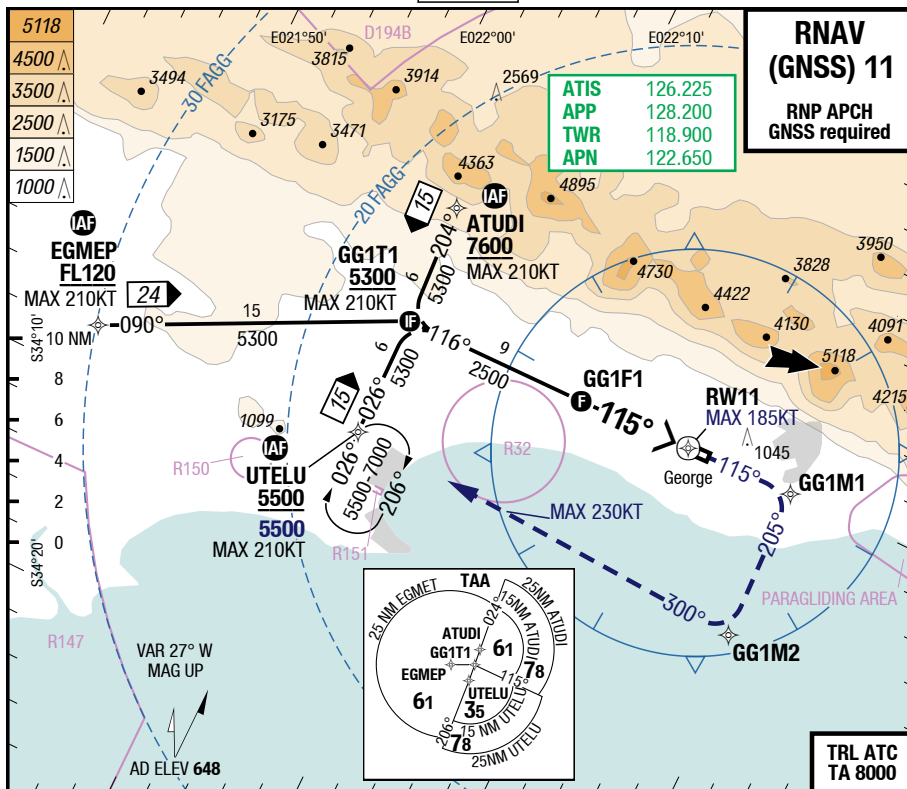
1) With EVS 350m

2) At discretion of PIC and S of RWY only

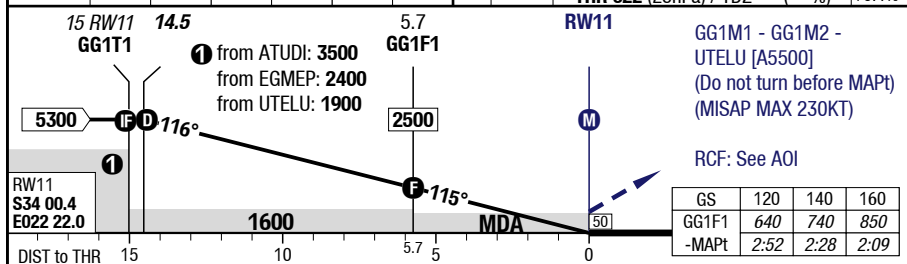
3) If not conducting autoland RVR 350m required

7-30

RNAV (GNSS) 11



3.00° RW11	14.5	11	9	7	5	3	11	83.0° 2000 x 45 60 L
	5300	4180	3540	2900	2270	1630		THR 622 (23hPa) / TDZ --- (---%) +0.4%



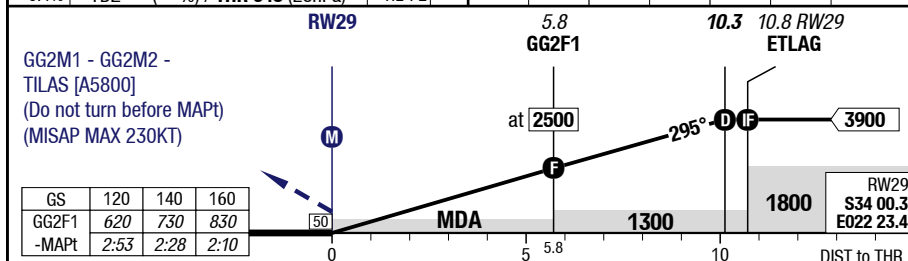
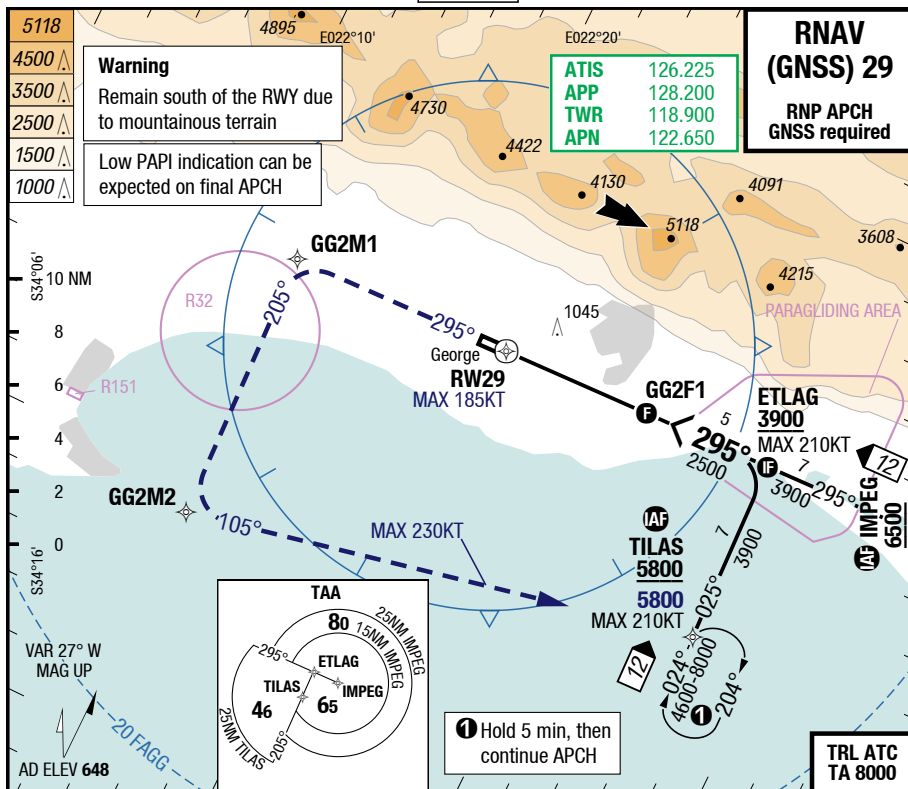
11	RNAV GNSS VNAV GA 2.7% 1) 2)	RNAV GNSS VNAV GA 2.5% 1) 2) 3)	RNAV GNSS LNAV GA 2.8%	RNAV GNSS LNAV GA 2.5%	Circling
C	ft - m/km ft 320 - 1.8 940 4)	660 - 2.4 1280	410 - 1.9 1030	810 - 2.4 1430	Not published
D	ft - m/km ft 320 - 2.0 940 5)	660 - 2.4 1280	410 - 2.0 1030	810 - 2.4 1430	Not published

1) Uncompensated BARO VNAV NA below 0°C (32°F) or above 70°C (158°F) 2) SBAS use for VNAV not applicable or not authorized 3) With EVS 1.6km 4) With EVS 1.2km 5) With EVS 1.3km

# GRJ-FAGG

**7-40**

## RNAV (GNSS) 29



29		RNAV GNSS VNAV w/wo APL <sup>1) 2)</sup>	RNAV GNSS LNAV				Circling
C	ft - m/km ft	390 - 1.8 <b>1030</b> <sup>3)</sup>	620 - 2.1 <b>1260</b>				Not published
D	ft - m/km ft	390 - 2.0 <b>1030</b> <sup>4)</sup>	620 - 2.1 <b>1260</b>				Not published

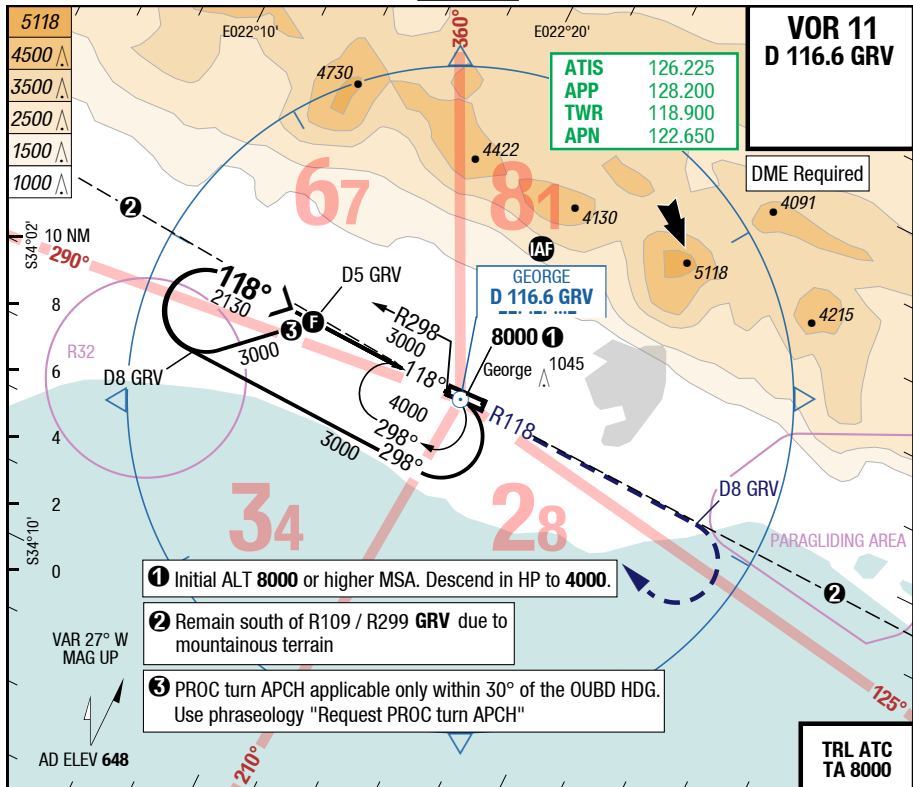
1) Uncompensated BARO VNAV NA below 0°C (32°F) or above 70°C (158°F) 2) SBAS use for VNAV not applicable or not authorized 3) With EVS 1.2km 4) With EVS 1.3km

Changes: Track, FAT, VAR, QFU

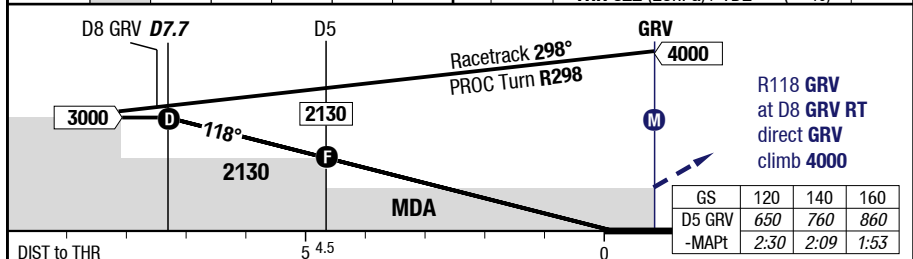


7-50

VOR 11



3.00°		7.7	7	6	4	3	11	83.0°	60 L
D GRV								2000 x 45	
118°								83.0°	
RWY 115°		3000	2780	2460	1810	1490		THR 622 (23hPa) / TDZ --- (---%)	+0.4%



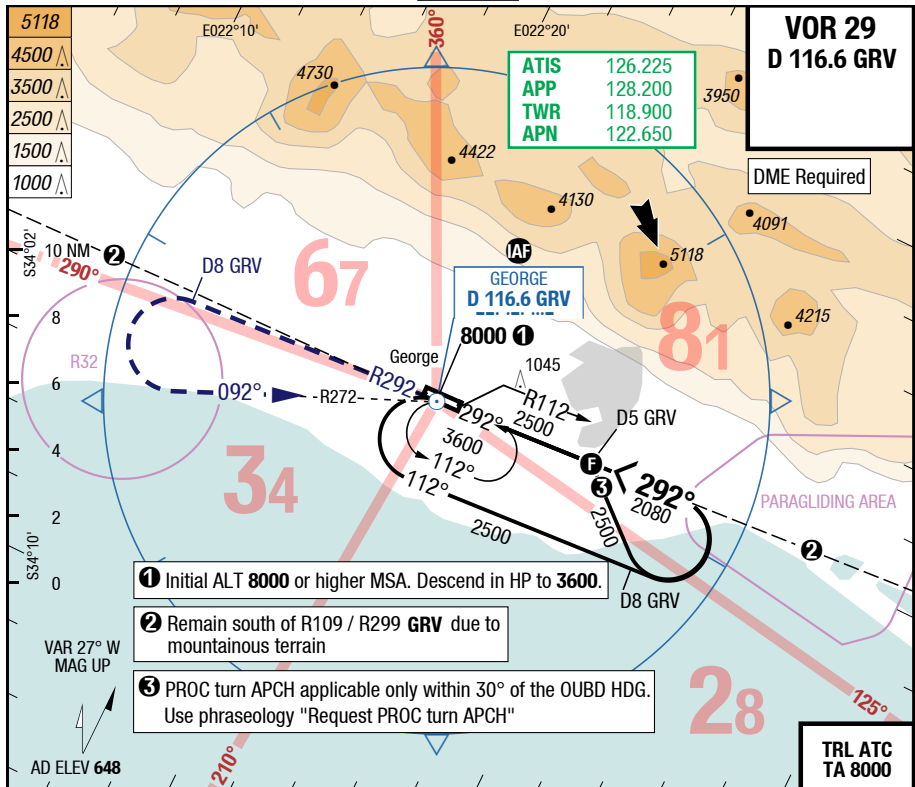
11	VOR DME					Circling <sup>1)</sup>
C	ft - m/km ft	580 - 2.4 1200				Not published
D	ft - m/km ft	580 - 2.4 1200				Not published

1) At discretion of PIC and S of RWY only

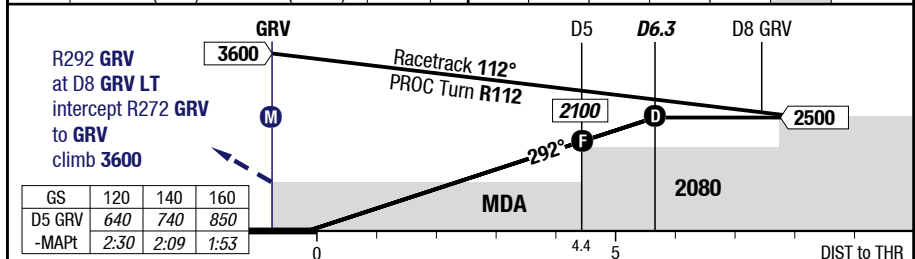
## GRJ-FAGG

7-60

VOR 29



60 HL	3.0°	2	3	4	6	6.3	3.00°
15 HL	45 x 2000	1150	1470	1780	2420	2500	D GRV
	3.0°						292°
-0.4%	TDZ --- (---%) / THR 648 (23hPa)						RWY 295°
	HL-P2						



29	VOR DME					Circling <sup>1)</sup>
C	ft - m/km ft	430 - 1.3 1070				Not published
D	ft - m/km ft	430 - 1.3 1070				Not published

1) At discretion of PIC and S of RWY only

**GRJ-FAGG**

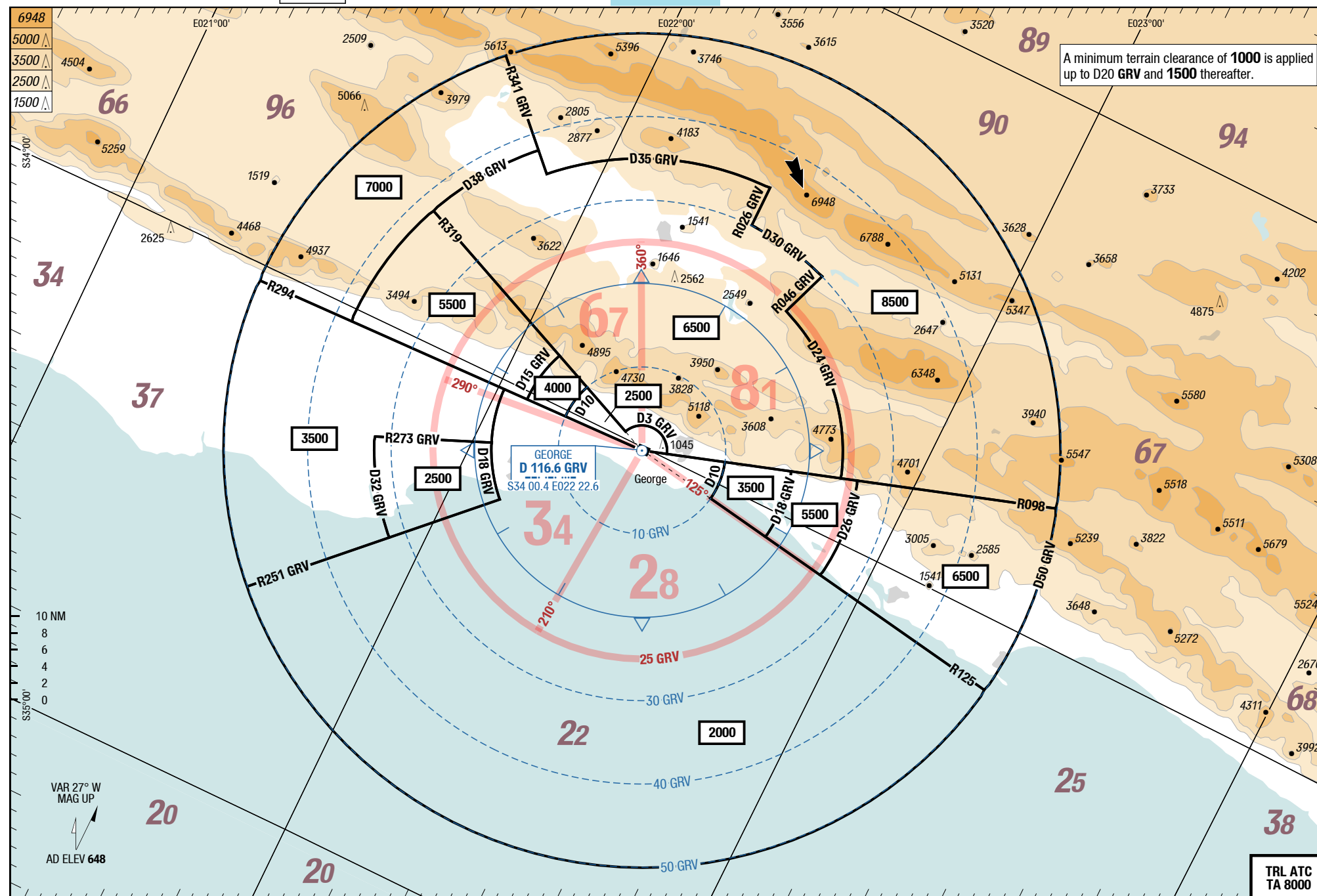
**MRC**

**MRC**

**MRC**

**NIL**  
**MRC**

8-10



Changes: VAR, OBST

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