

GENERAL**Operational Hours**

ATS Hours: 2200-1200, other times O/R only for PAX flights.

AD Operator Hours: H24

Night Restriction: LDG/TKOF restricted 1200-2300 due to NAP, except passenger flights

Airport Information

RFF: CAT 9

Fuel: HO

PCN: RWY 01/19: 78/F/C/X/T

Customs: HO

Operation**Standard Taxi Routes**

ARR:

RWY 01: Via E2 or E1 - P - A1 - APN.

RWY 19: Via E3 - P - A2 - APN.

DEP:

RWY 01: APN - A2 - P - E3.

RWY 19: APN - A1 - P - E1.

Fuel Dumping Area

Circle, radius 3NM centered R275/D2 MUN VOR/DME, 6000ft AMSL.

Warnings

TWR, GND, ATIS, EMERG MAINT: Every 4th THU 1500-2000 of the month.

MUN VOR/DME MAINT: Every 3rd THU 1500-2000 of the month.

LOC/ILS RWY 01 MAINT: Every 1st THU 1500-2000 of the month.

LOC/ILS RWY 19 MAINT: Every 2nd THU 1500-2000 of the month.

Heavy MIL TFC around of AD.

During taxiing around hotspot area extra caution to other ACFT.

Birds in vicinity of AD.

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

Communication

Contact GND when vacating RWY.

ARRIVAL**Arrival Procedure****Visual APCH**

VIS APCH may be initiated by ATC (Gangneung APP) or approved upon pilot REQ on traffic permitting basis when:

- Ceiling: at or above 500ft plus MVA and;
- VIS: not less than 5km / 2.7NM
- Circuit: west pattern only

VFR Traffic Pattern

RWY 01/19 right/left-hand circuit:

- CAT A/B at 1200ft AMSL
- CAT C/D at 1700ft AMSL

DEPARTURE**Take-off Minima**

RWY		01/19	
Multi ENG	ft - m/km	0 - 400R/400V	-

Speed

MAX IAS 250KT below 10000ft.

Communication

When RWY 01 in use contact TWR when passing TWY A2

When RWY 19 in use contact TWR after passing intersection of TWY E2, A1 and P.

COM Failure**Under Pilot Navigation****RWY 01****RNAV MAKSA 1N, RNAV DOTOL 1N, KWA 2N:**

Proceed by the route, ALT/FL assigned at the last ATC clearance.

RWY 19**RNAV MAKSA 1S, RNAV MAKSA 6S, RNAV DOTOL 1S, KWA 2S, IPDAS 2S:**

Proceed by the route, ALT/FL assigned at the last ATC clearance.

Under Radar Vectoring

Proceed by the direct route from the point of radio failure to the fix, route or AWY specified in vector CLR.

In the absence of an assigned route, proceed by the route that ATC has advised may be expected in a further CLR; or

In the absence of an assigned route or a route that ATC has advised may be expected in a further CLR, by the route filed in FPL; and

Maintain MEA or ALT/FL cleared in the last ATC CLR received, whichever is higher, for 20min; then

Continue flight with ALT/FL filed in the FPL.

Departure Procedure**Start-up/Push-back**

If ACFT fails to push-back or taxi within 15min after receipt of ATC CLR, pilot should notify ATC except when:

- Start-up/push-back is delayed due to traffic on the GND.
- ACFT departure is restricted by the release time or the same altitude/route separation.

DEPARTURE**ATC Slot, Clearance**

Contact DLV 5min prior to start-up/push-back and report:

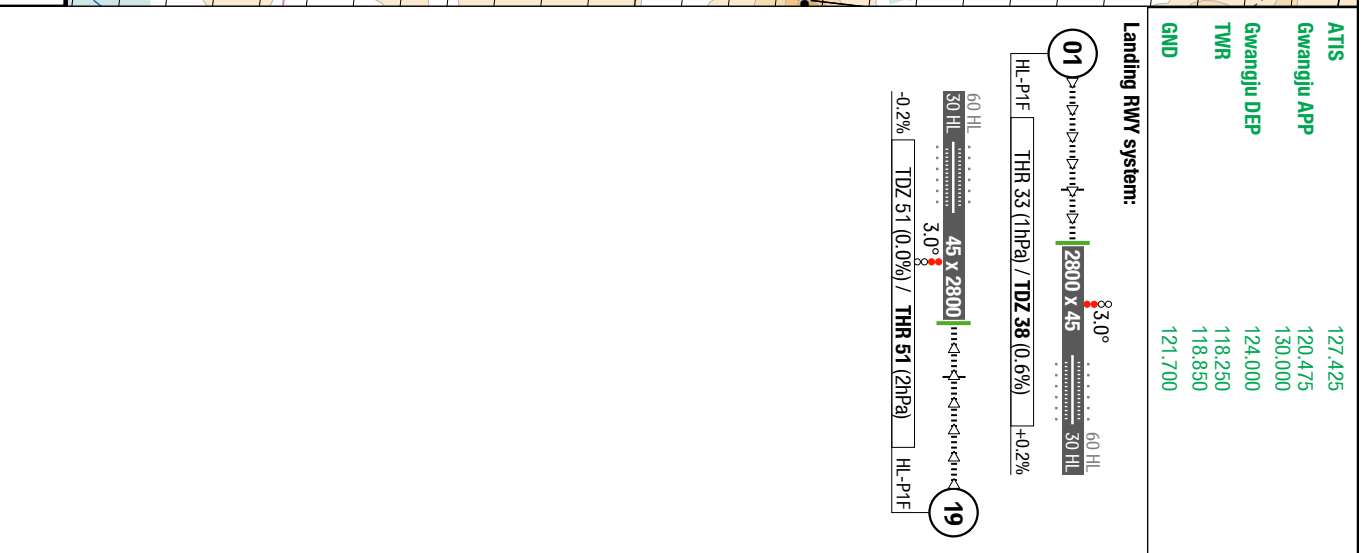
- ACFT identification
- Type of ACFT
- DEST
- Proposed FL or ALT
- Gate or stand number
- ATIS code

De-Icing

AVBL HO.

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AGC
AFC

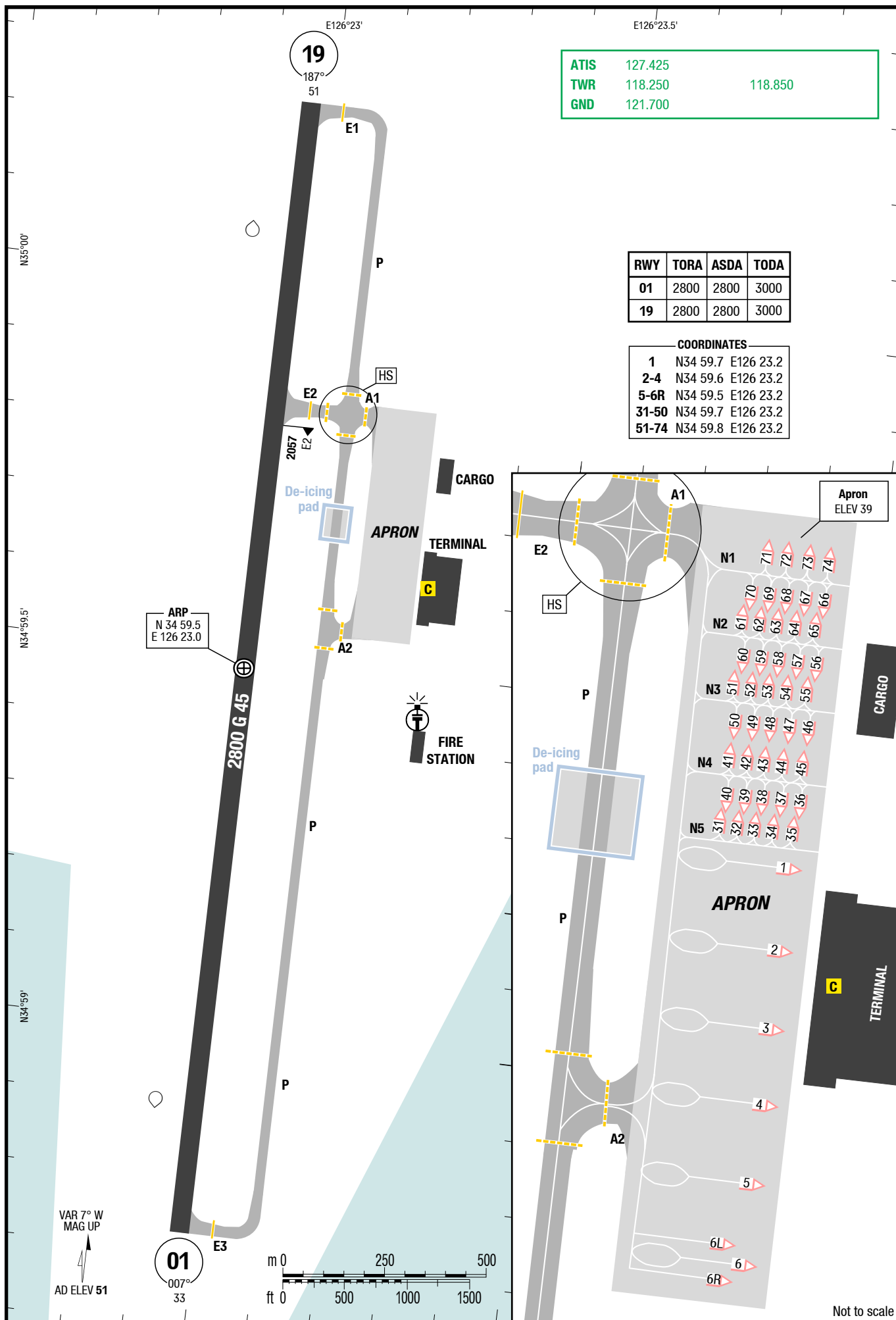


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ATIS 127.425
TWR 118.250 118.850
GND 121.700

RWY	TORA	ASDA	TODA
01	2800	2800	3000
19	2800	2800	3000

COORDINATES		
1	N34 59.7	E126 23.2
2-4	N34 59.6	E126 23.2
5-6R	N34 59.5	E126 23.2
31-50	N34 59.7	E126 23.2
51-74	N34 59.8	E126 23.2

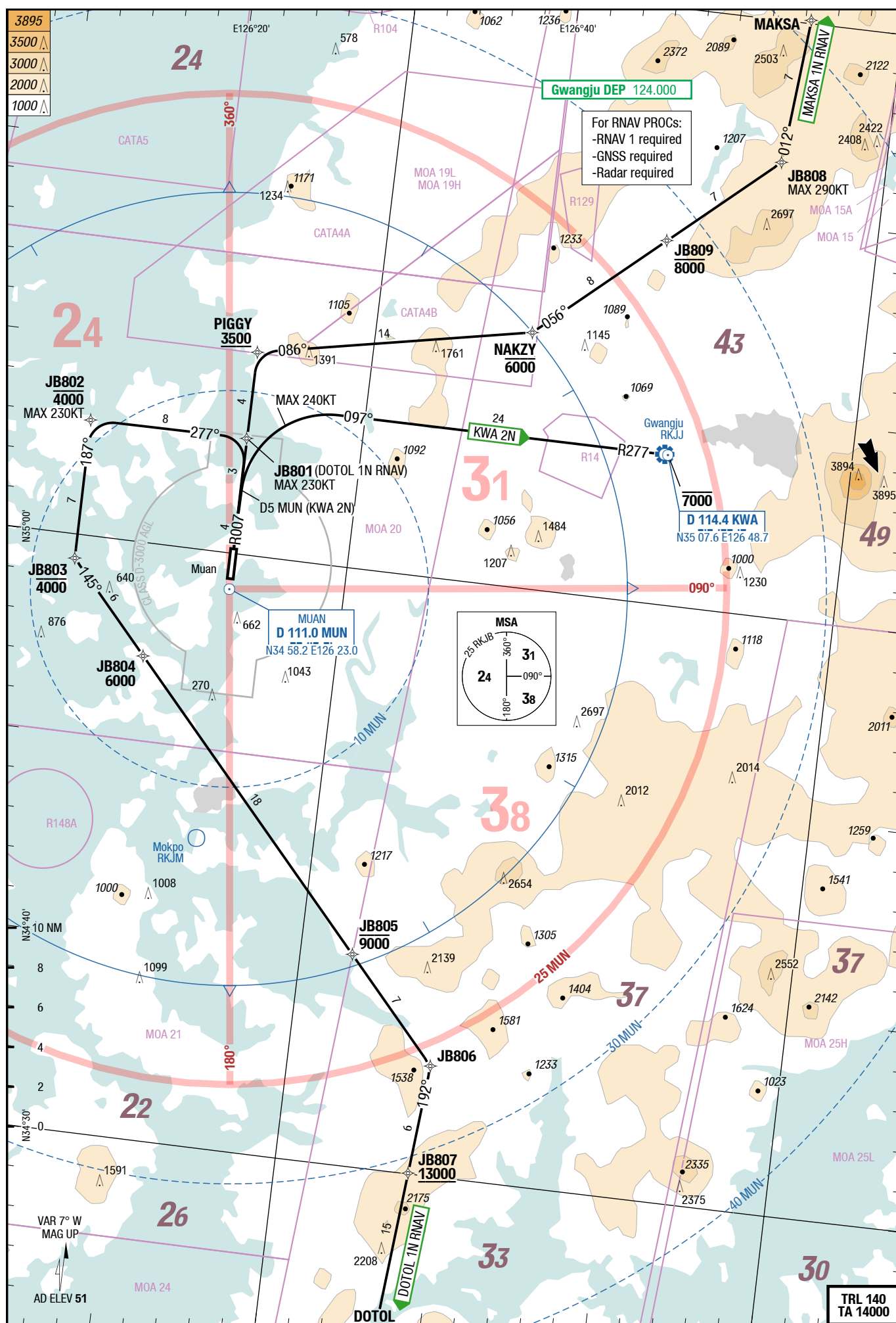


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SIDS / RNAV SIDS RWY 01

SID

SIDS / RNAV SIDS RWY 01



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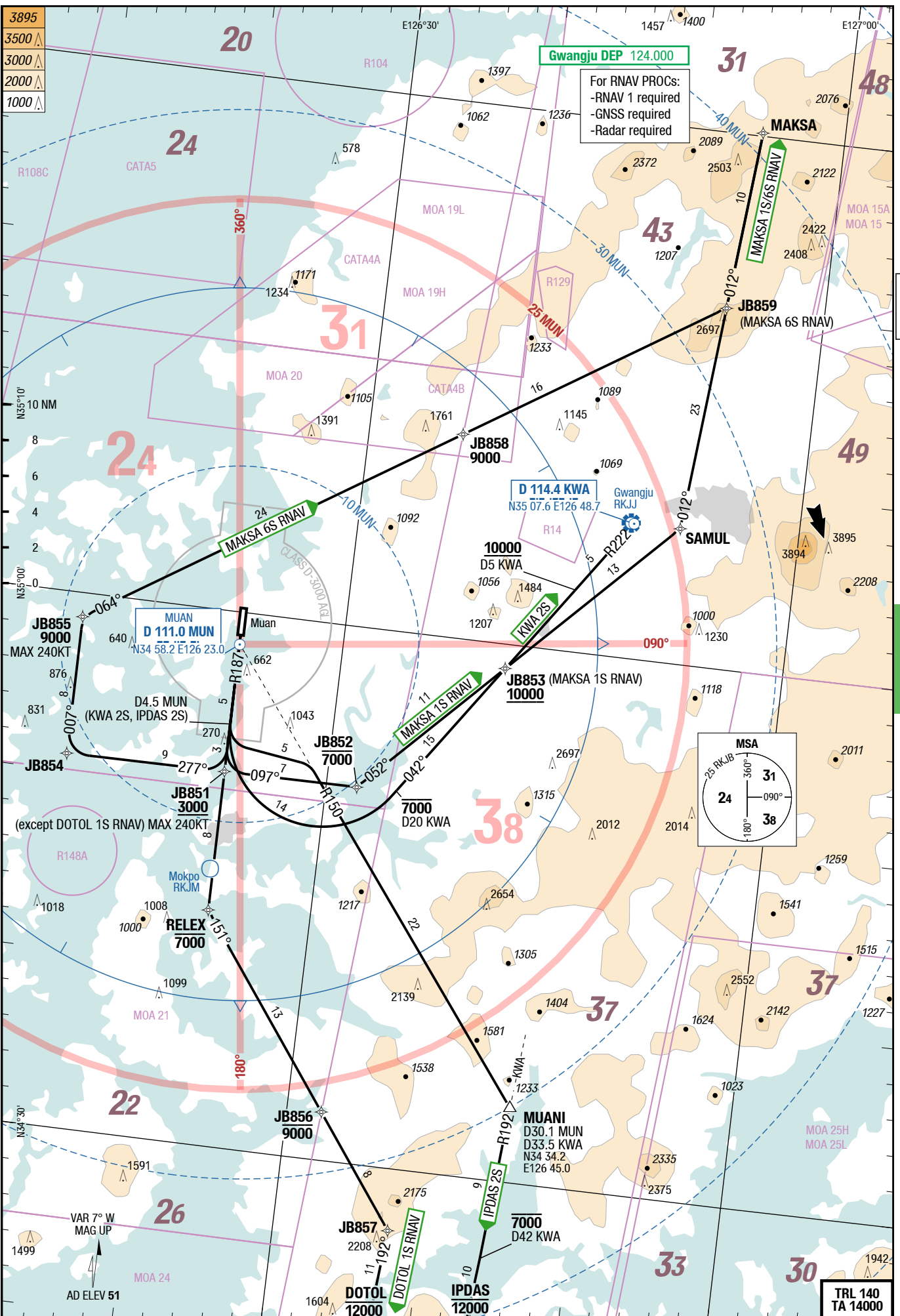
SIDS / RNAV SIDS RWY 19

SID

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SIDS / RNAV SIDS RWY 19



21-MAY-2015

Republic of Korea **Muan** Muan Intl.**MWX-RKJB****5-10****SIDs / RNAV SIDs RWY 01****SIDPT****DOTOL 1N RNAV / GWANGJU 2N / MAKSA 1N RNAV**

RWY 01 (007°)

	GS	120	150	180	210	240	270
5.5%	ft/MIN	700	900	1100	1200	1400	1600
5.6%	ft/MIN	700	900	1100	1200	1400	1600
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 01	
DOTOL 1N RNAV 5.5% 124.000 ①	JB801 [K230- ;L] - JB802 [K230- ;A4000- ;L] - JB803 [A4000- ;L] - JB804 [A6000] - JB805 [A9000-] - JB806 [R] - JB807 [A13000+] - DOTOL	
GWANGJU 2N KWA 2N 5.6% 124.000 ①	intercept R007 MUN - at D5 MUN RT (MAX 240KT) intercept R277 KWA to KWA - join AWY (B576 or V543)	KWA MAX 7000
MAKSA 1N RNAV 7.0% 124.000 ①	PIGGY [K290- ;A3500+ ;R] - NAKZY [A6000- ;L] - JB809 [A8000-] - JB808 [K290- ;L] - MAKSA	

① Climb gradient due to ATC.

Changes: Reprint

DOTOL 1S RNAV / GWANGJU 2S / IPDAS 2S / MAKSA 1S RNAV / MAKSA 6S RNAV
RWY 19 (187°)

	GS	120	150	180	210	240	270
5.9%	ft/MIN	800	900	1100	1300	1500	1700
6.4%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
	Runway 19	
DOTOL 1S RNAV 5.9% to 800 6.4% 124.000 ②	JB851 [A3000+] - RELEX [A7000- ; L] - JB856 [A9000-] - JB857 [R] - DOTOL [A12000-]	
GWANGJU 2S KWA 2S 5.9% to 800 5.9% to 10000 124.000 ①	intercept R187 MUN - at D4.5 MUN LT intercept R222 KWA to KWA - join AWY (B576 or V543)	D20 KWA MAX 7000 D5 KWA MNM 10000
IPDAS 2S 5.9% to 800 124.000	intercept R187 MUN - at D4.5 MUN LT intercept R150 MUN to MUANI - RT intercept R192 KWA to IPDAS	D42 KWA MAX 7000 IPDAS MAX 12000
MAKSA 1S RNAV 5.9% to 800 6.4% 124.000 ②	JB851 [K240- ; A3000+ ; L] - JB852 [A7000- ; L] - JB853 [A10000+] - SAMUL [L] - MAKSA	
MAKSA 6S RNAV 5.9% to 800 6.4% 124.000 ②	JB851 [K240- ; A3000+ ; R] - JB854 [R] - JB855 [K240- ; A9000 ; R] - JB858 [A9000] - JB859 [L] - MAKSA	

- ① Climb gradient 5.9% to 10000ft due to ATC.
 ② Climb gradient 6.4% due to ATC.

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[RNAV STARS RWY 19]

6-10

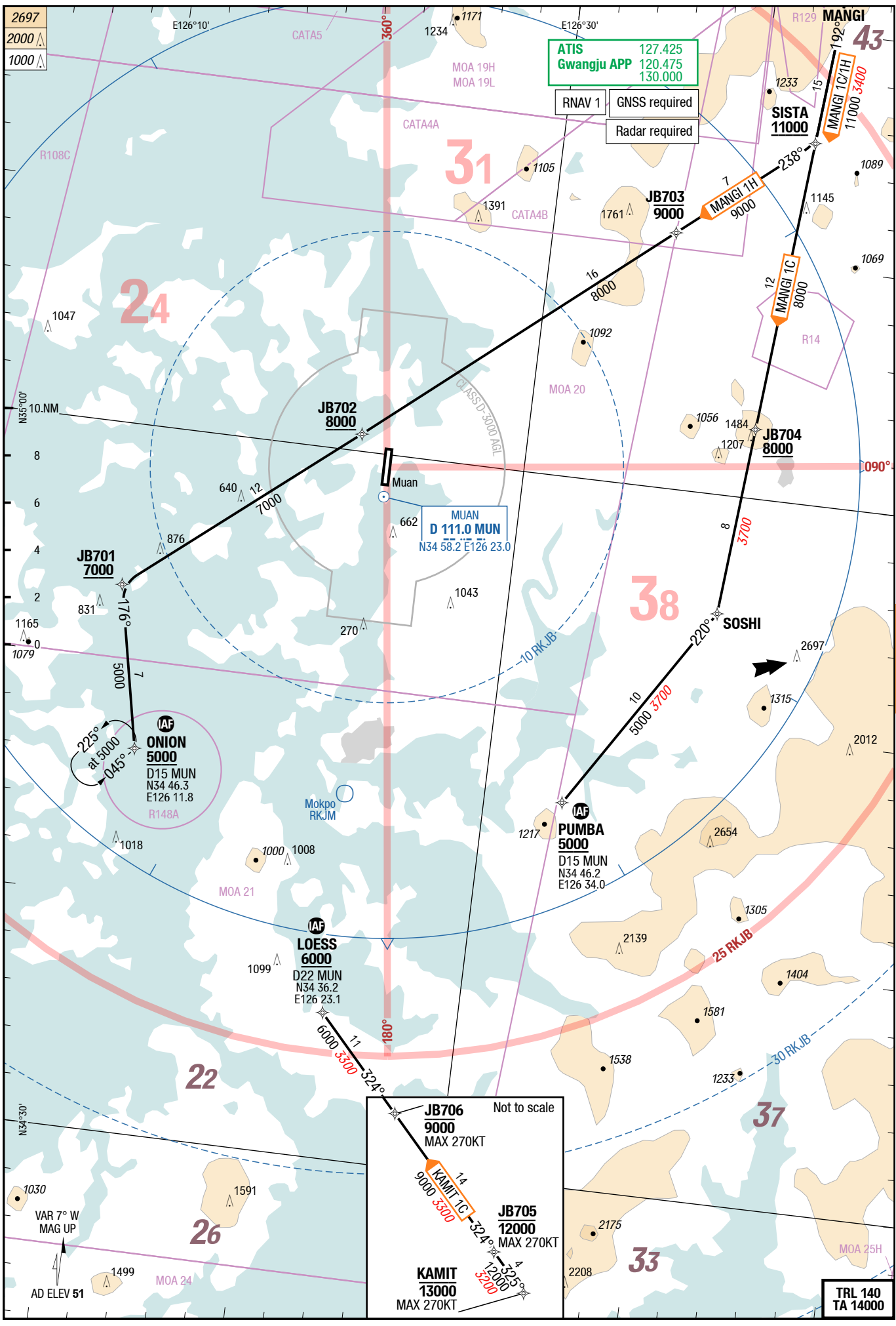
RNAV STARS RWY 01

STAR
STAR

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[RNAV STARS RWY 19]

RNAV STARS RWY 01



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6-20

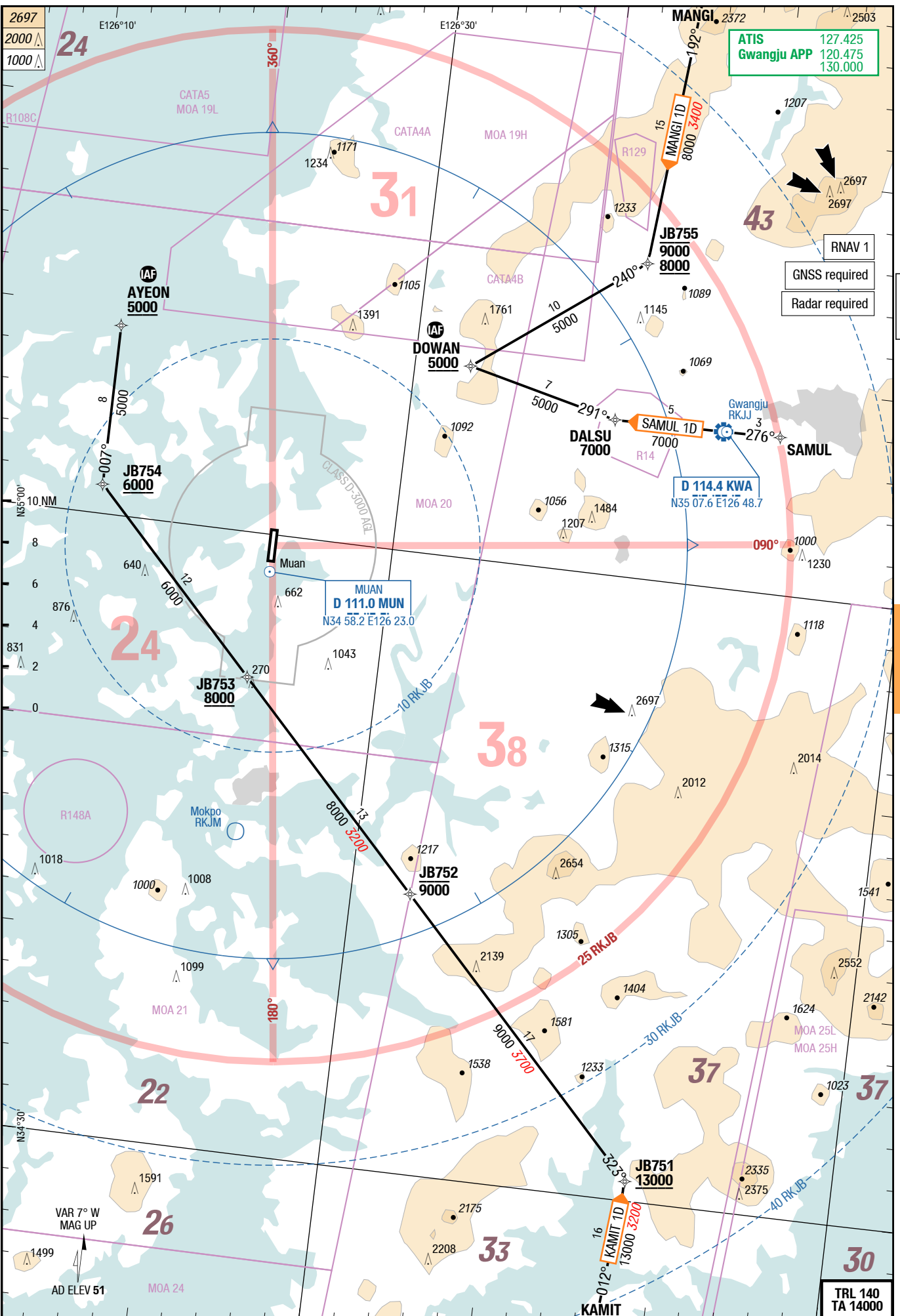
RNAV STARS RWY 19

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RNAV STARS RWY 19



Changes: MSA

06-SEP-2018

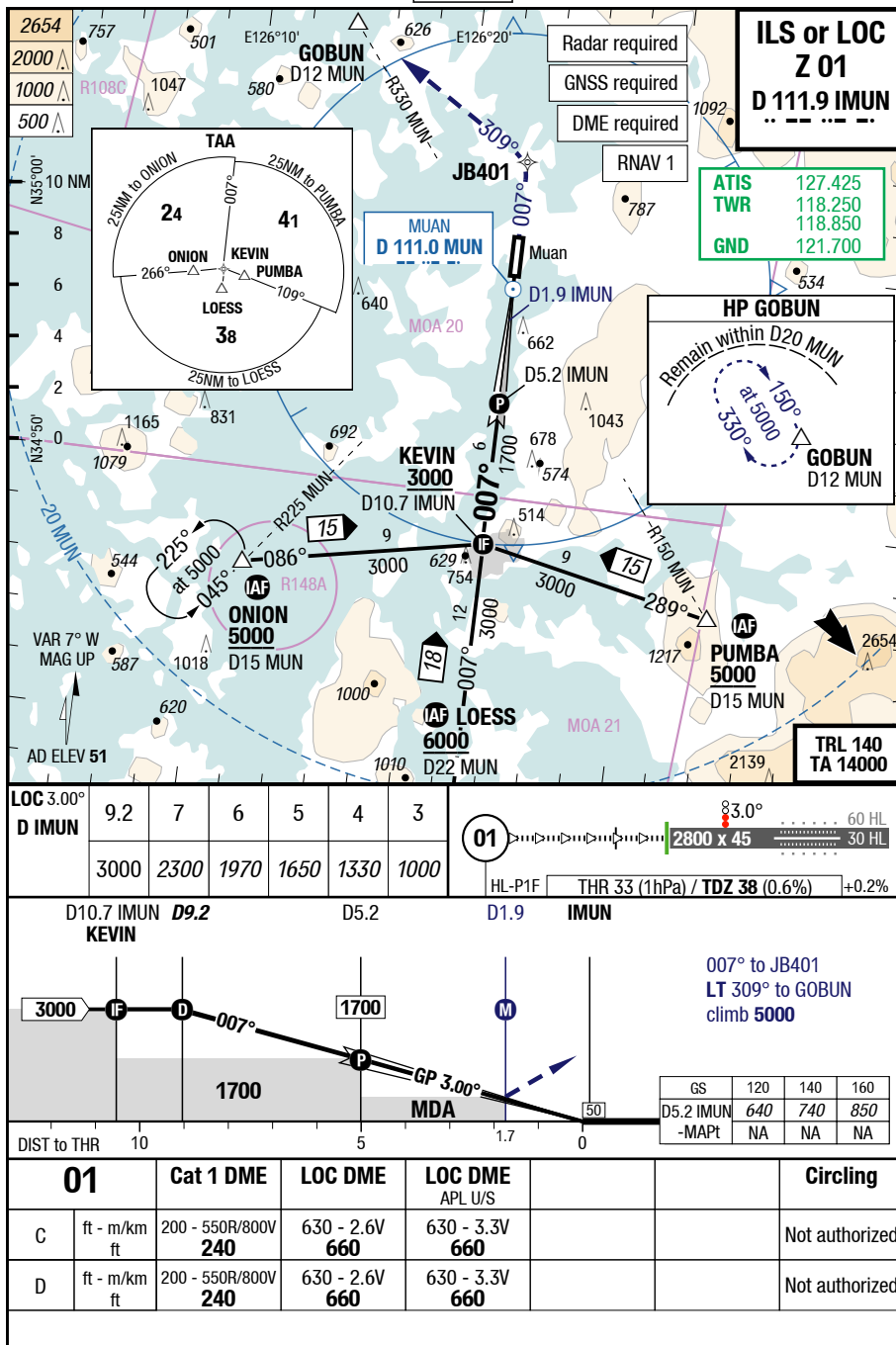
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IAC

7-10

ILS or LOC Z 01



Changes: Nil

06-SEP-2018

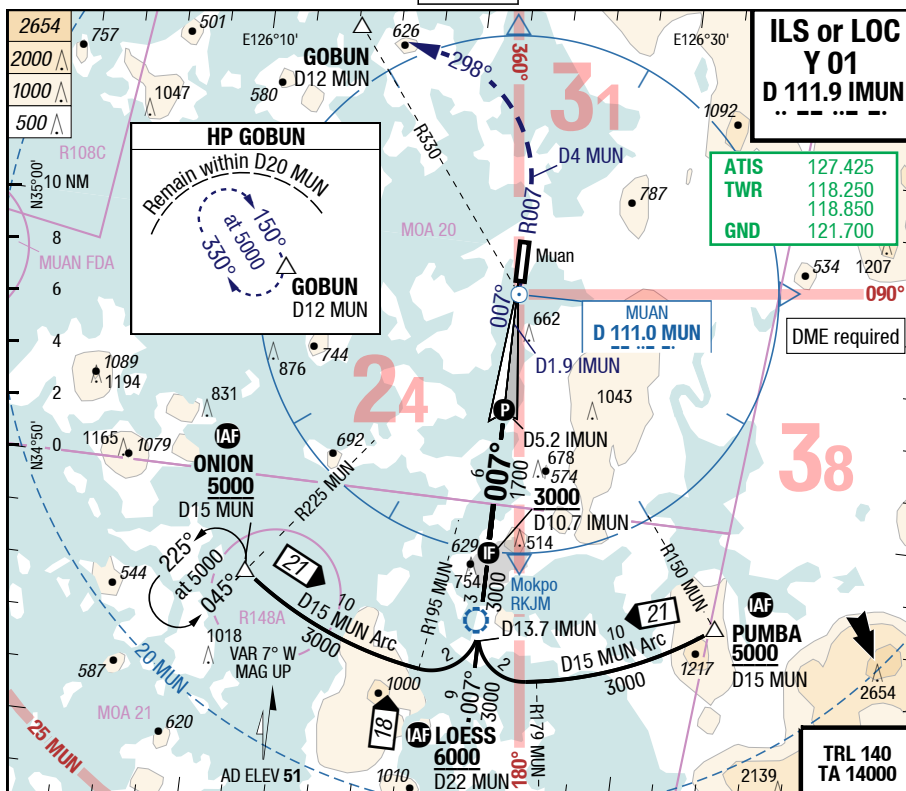
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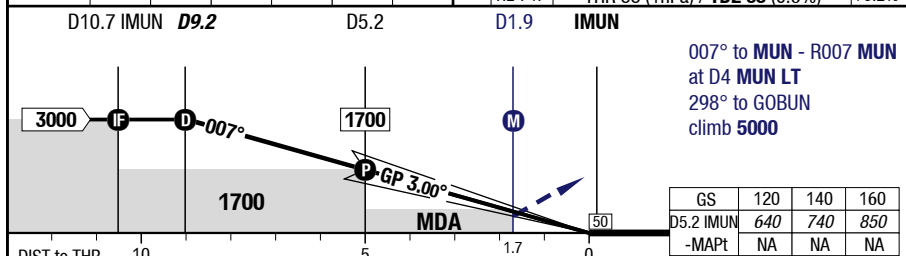
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7-20

ILS or LOC Y 01



LOC 3.00° D IMUN	9.2	7	6	5	4	3	01	83.0°	60 HL	30 HL
	3000	2300	1970	1650	1330	1000		2800 x 45		
							HL-P1F	THR 33 (1hPa) / TDZ 38 (0.6%)	+0.2%	



01	Cat 1 DME	LOC DME	LOC DME APL U/S	Circling
C	ft - m/km ft 200 - 550R/800V 240	630 - 2.6V 660	630 - 3.3V 660	Not authorized
D	ft - m/km ft 200 - 550R/800V 240	630 - 2.6V 660	630 - 3.3V 660	Not authorized

Changes: MSA

06-SEP-2018

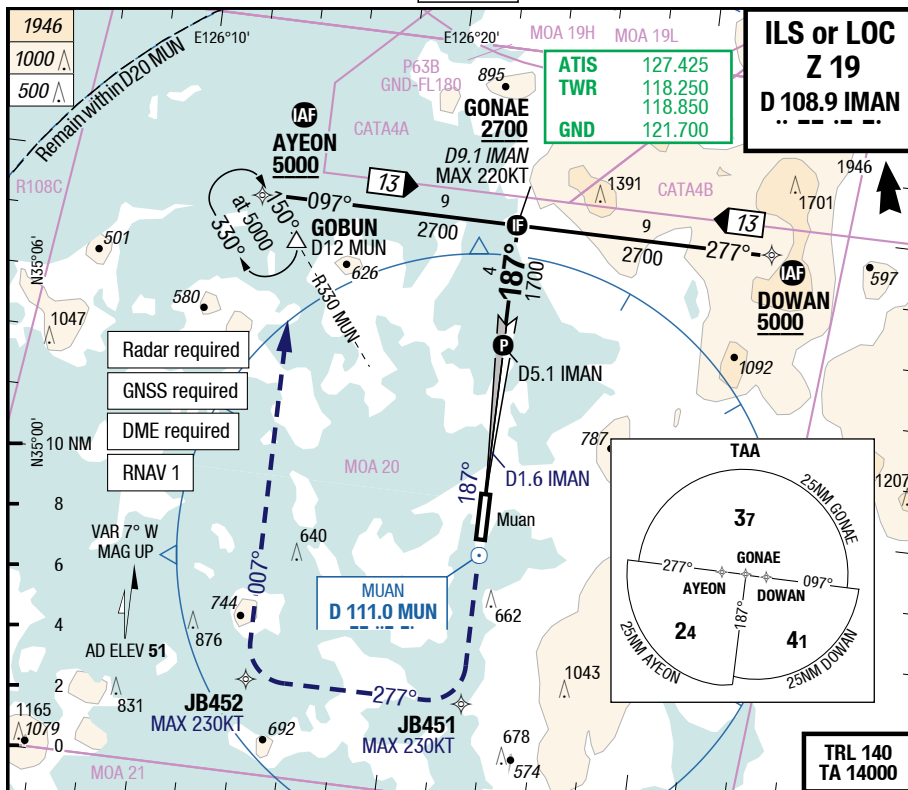
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7-30

ILS or LOC Z 19



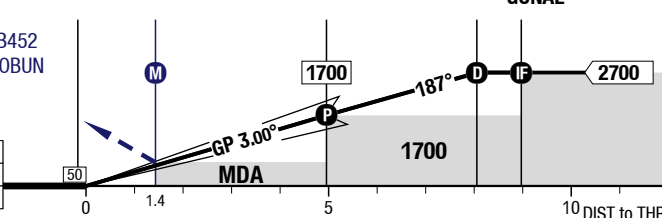
60 HL
30 HL
45 x 2800
3.0°
-0.2% TDZ 51 (0.0%) / THR 51 (2hPa) HL-P1F

2	3	4	5	6	8.2	LOC 3.00° D IMAN
700	1020	1340	1660	1990	2700	

IMAN D1.6 D5.1 D8.2 D9.1 IMAN GONAE

187° to JB451
RT (MAX 230KT) 277° to JB452
RT (MAX 230KT) 007° to GOBUN
climb 5000

GS	120	140	160
D5.1 IMAN	640	740	850
-MAPt	NA	NA	NA



19	Cat 1 DME GA 5.0%	Cat 1 DME GA 2.5% 1)	Cat 1 DME GA 2.5% APL U/S 2)	LOC DME	LOC DME APL U/S	Circling
C	ft - m/km ft 200 - 550R/800V 260	370 - 1.2R/1.2V 420	370 - 1.9R/1.9V 420	540 - 2.0V 590	540 - 2.7V 590	Not authorized
D	ft - m/km ft 200 - 550R/800V 260	370 - 1.2R/1.2V 420	370 - 1.9R/1.9V 420	540 - 2.0V 590	540 - 2.7V 590	Not authorized

1) With EVS RVR 800m/ VIS 800m
2) With EVS RVR 1.3km/ VIS 1.3km

Changes: Nil

06-SEP-2018

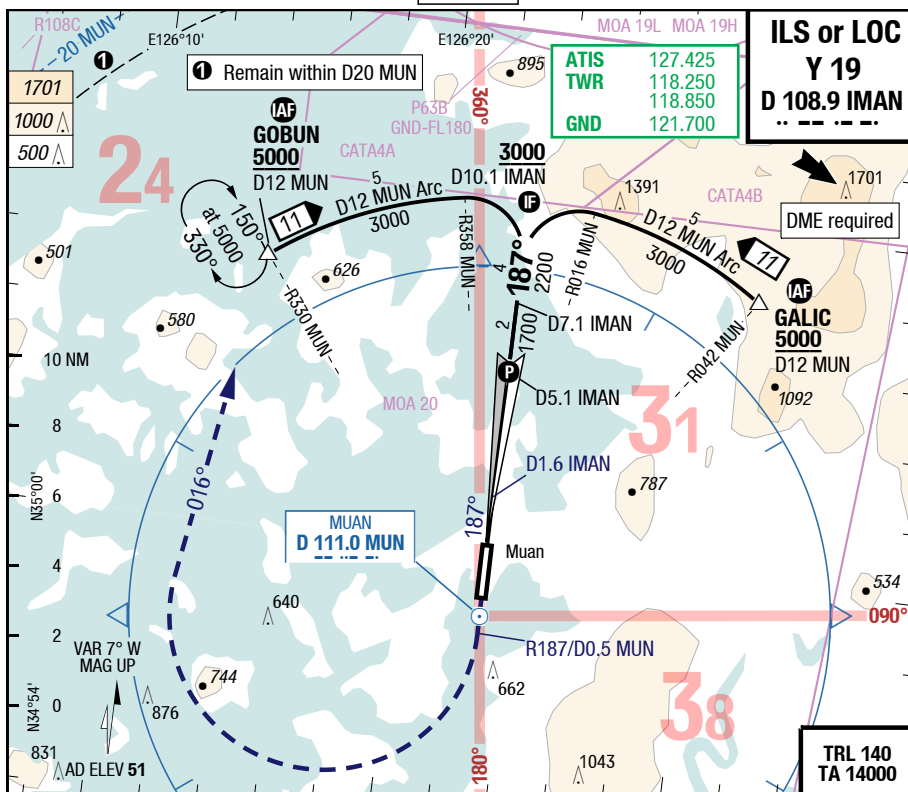
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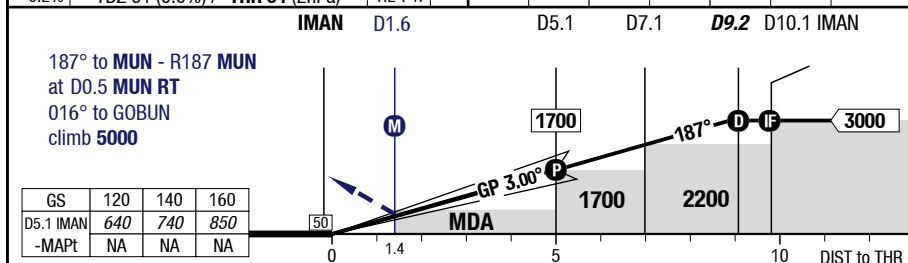
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7-40

ILS or LOC Y 19



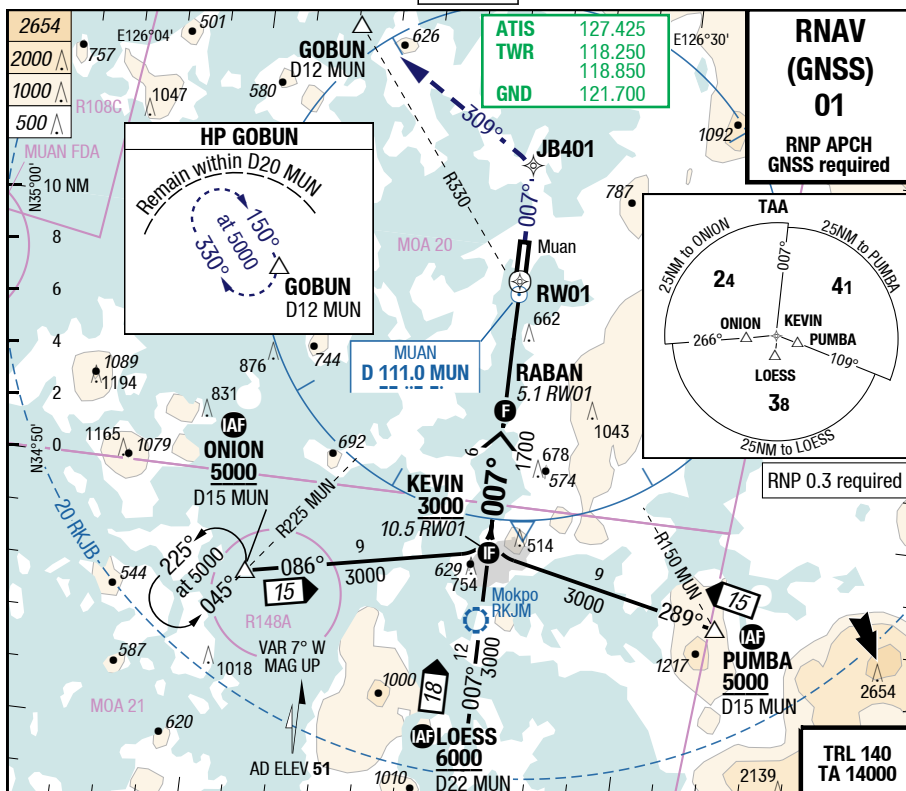
60 HL	30 HL	45 x 2800	19	2	3	4	6	8	9.2	LOC 3.00° D IMAN
-0.2%	TDZ 51 (0.0%)	THR 51 (2hPa)	HL-P1F	700	1020	1340	1990	2630	3000	



19	Cat 1 DME GA 5.0%	Cat 1 DME GA 2.5% 1)	Cat 1 DME GA 2.5% APL U/S 2)	LOC DME	LOC DME	Circling
C	ft - m/km ft 200 - 550R/800V 260	370 - 1.2R/1.2V 420	370 - 1.9R/1.9V 420	540 - 2.0V 590	540 - 2.7V 590	Not authorized
D	ft - m/km ft 200 - 550R/800V 260	370 - 1.2R/1.2V 420	370 - 1.9R/1.9V 420	540 - 2.0V 590	540 - 2.7V 590	Not authorized

1) With EVS RVR 800m/ VIS 800m
2) With EVS RVR 1.3km/ VIS 1.3km

Changes: MSA

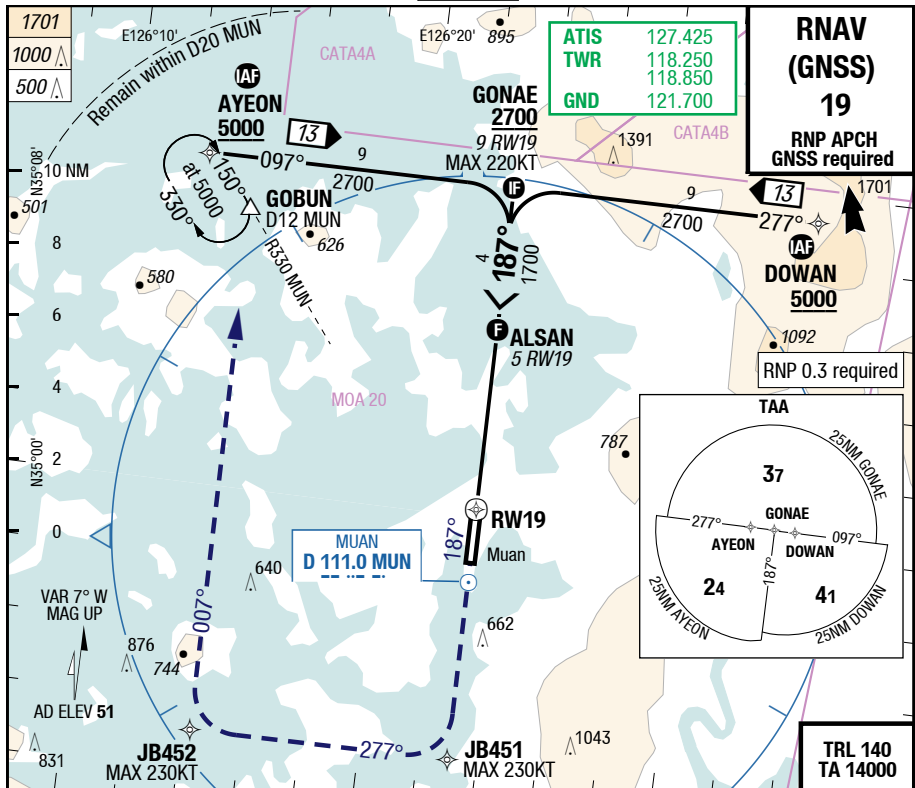
MWX-RKJB**7-50****RNAV (GNSS) 01**

01		RNAV GNSS VNAV 1) 2)	RNAV GNSS VNAV APL U/S 1) 3)	RNAV GNSS LNAV	RNAV GNSS LNAV APL U/S	Circling
C	ft - m/km ft	760 - 2.7V 790	760 - 3.5V 790	820 - 3.1V 850	820 - 3.8V 850	Not authorized
D	ft - m/km ft	760 - 2.7V 790	760 - 3.5V 790	820 - 3.1V 850	820 - 3.8V 850	Not authorized

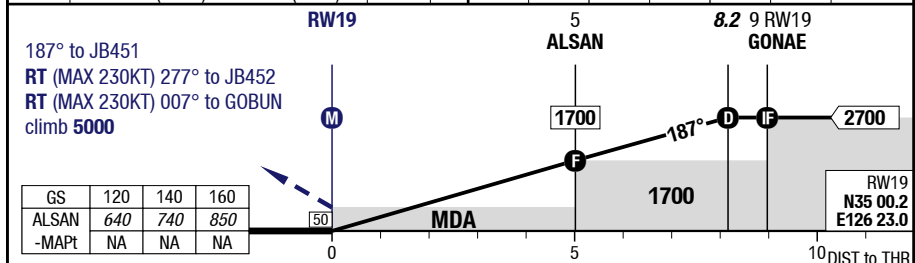
1) Uncompensated BARO VNAV NA below -20°C (-4°F) or above 45°C (113°F) 2) With EVS VIS 1.8km 3) With EVS VIS 2.3km

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7-60

RNAV (GNSS) 19

60 HL	45 x 2800	19	2	3	4	6	7	8.2	3.00°
30 HL	3.0°		740	1060	1380	2020	2330	2700	RW19
-0.2%	TDZ 51 (0.0%) / THR 51 (2hPa)	HL-P1F							



19	RNAV GNSS VNAV 1) 2)	RNAV GNSS LNAV	Circling
C	ft - m/km ft 410 - 1.2R/1.2V 460	540 - 1.7R/1.7V 590	Not authorized
D	ft - m/km ft 410 - 1.2R/1.2V 460	540 - 1.7R/1.7V 590	Not authorized

1) Uncompensated BARO VNAV NA below -20°C (-4°F) or above 45°C (113°F)
2) With EVS RVR 800m/ VIS 800m

Changes: OBST

06-SEP-2018

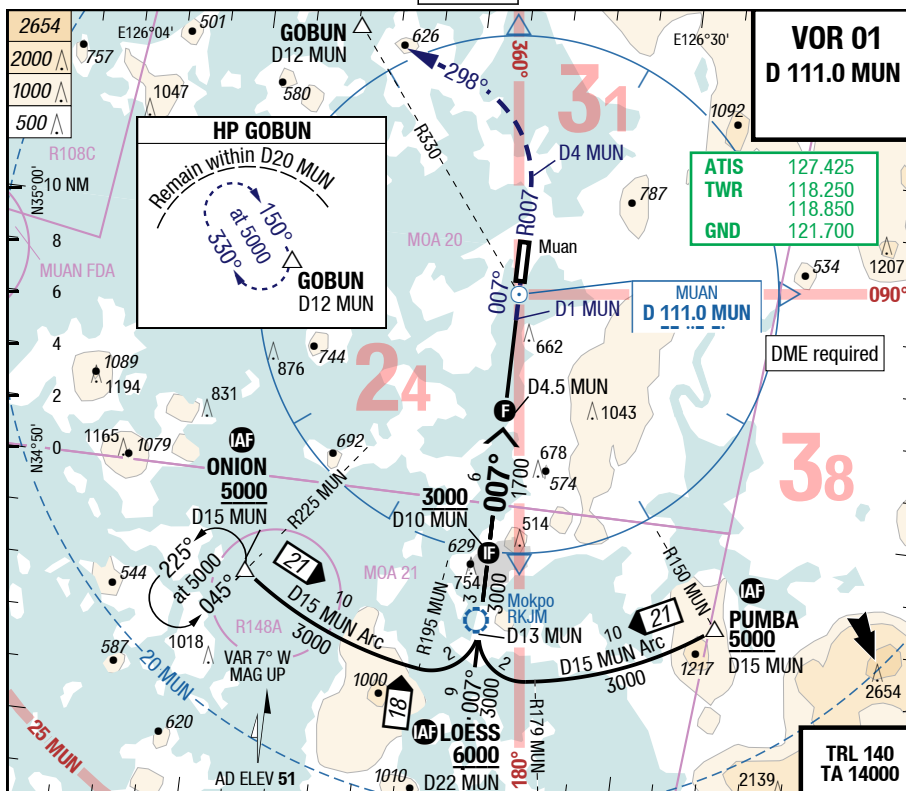
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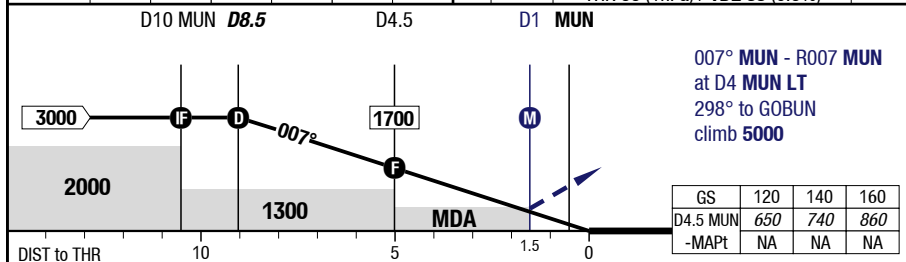
IAC

7-70

VOR 01



3.00° D MUN	8.5	7	6	5	4	3	01	2800 x 45	60 HL 30 HL	83.0°
	3000	2510	2190	1870	1540	1220				
	HL-P1F THR 33 (1hPa) / TDZ 38 (0.6%) +0.2%									



01	VOR DME	VOR DME APL U/S	Circling
C	ft - m/km ft 880 - 3.3V 910	880 - 4.0V 910	Not authorized
D	ft - m/km ft 880 - 3.3V 910	880 - 4.0V 910	Not authorized

Changes: MSA

06-SEP-2018

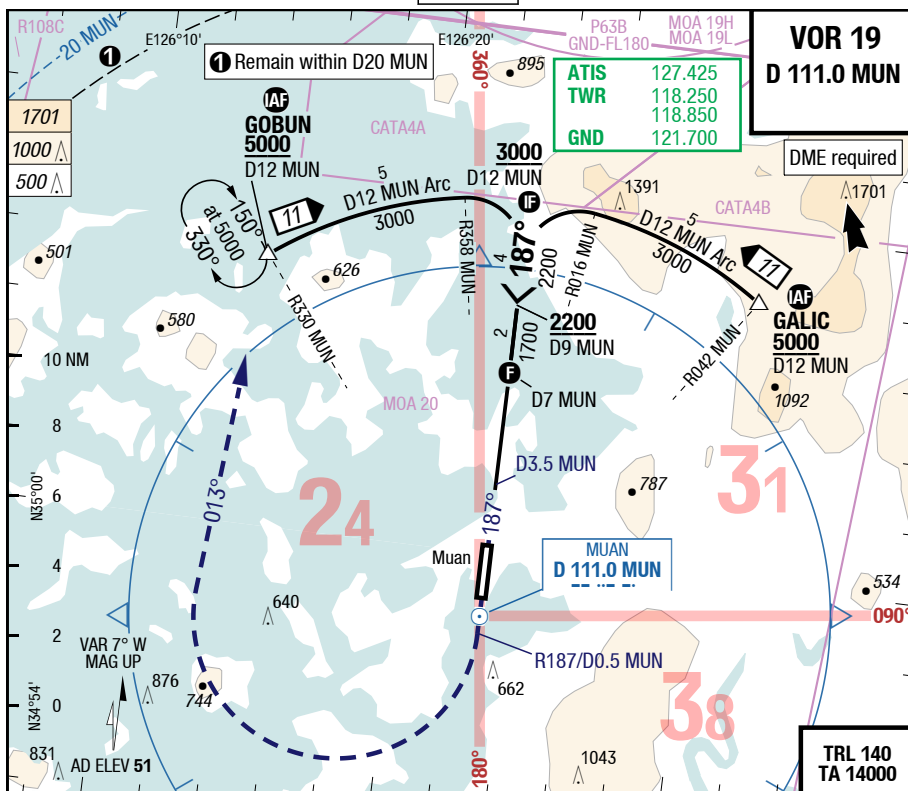
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IAC

7-80

VOR 19



19		VOR DME	VOR DME APL U/S	Circling	
C	ft - m/km ft	540 - 2.1V 590	540 - 2.8V 590	Not authorized	
D	ft - m/km ft	540 - 2.1V 590	540 - 2.8V 590	Not authorized	

Changes: MSA