

GENERAL**Operational Hours**

ATS Hours / AD ADMIN Hours: 0500-2230‡

Airport Information

RFF: CAT 9

Fuel: 0400-1900‡ other times O/R.

PCN: RWY 17C/35C: 61/F/B/W/T

Operation**Preferential RWY**

TK0F: RWY 17C / LDG: RWY 35C

Between 0700-1700‡, except SUN and HOL, DEP from RWY 35C are exempted from this regulation.

Low Visibility Procedures

LVP in force when RVR below 600m and/or CEIL below 200ft.

Report "RWY vacated" when ACFT has left yellow/green TWY lights.

RWY Restrictions

No turn pad LGT AVBL on RWY 35C. Follow-me O/R.

ACFT up to category C: for 180° turn perform RT at the end of RWY 35C, use marking.

ACFT category D, E and F: for 180° turn, perform LT at the end of RWY 35C, no marking AVBL. 180° turn for B777-9x not possible.

TWY Restrictions

TWY Y width 18m / 59ft.

TWY X width 10m / 33ft.

TWY C MAX wingspan 80m / 262ft.

TWY B, D MAX wingspan 65m / 213ft.

TWY Y MAX wingspan 36m / 118ft.

TWY A MAX wingspan 29.9m / 98ft.

TWY B CLSD for code letter F ACFT, MD11 and B764.

APN TWY between TWY B and TWY D MAX wingspan 65m / 213ft. The reduced MNM separation distance between TWY CL and objects is 42.5m / 139ft.

Taxi/Parking

Follow-me O/R.

Visual docking guidance system AVBL.

TWY D: Oversteering method at TWY curves and use of "cockpit taxi camera", especially on turns, is recommended. Following ACFT must oversteer the TWY centerline with the nose gear: A346, A35K, A388, B744, B748, B764, B773, B789, B781, MD11.

MNM ENG PWR must be used vacating stands.

Engine Run-up Area

ENG tests have to be coordinated with the AD duty officer in advance. TWR approval must be obtained during start-up request.

GENERAL**Warnings**

GRZ VOR Maintenance: 1st Thursday of each month 0700-0900±.

GRZ NDB Maintenance: 2nd Thursday of each month 0730-0900±.

GRZ DME Maintenance: 3rd Thursday of each month 0700-0900±.

GBG NDB Maintenance: 4th Thursday of each month 0800-0930±.

OEG DME not suitable for RNAV equipment update.

Avoid to overfly city of Graz below 4200ft.

Glider flying area W of RWY 17C/35C.

Ground Handling will be stopped in case of lightning activity within 3NM around the ARP. Information to the crew will be provided by the traffic handling agent. Follow-me to the parking position is AVBL.

ARRIVAL**Arrival Procedure****Non-standard GP intercept position on RWY 35C**

GP intercepts RWY 35C at 308m / 1011ft after landing threshold.

Remaining DIST beyond GP is 2692m / 8832ft.

DEPARTURE**Take-off Minima**

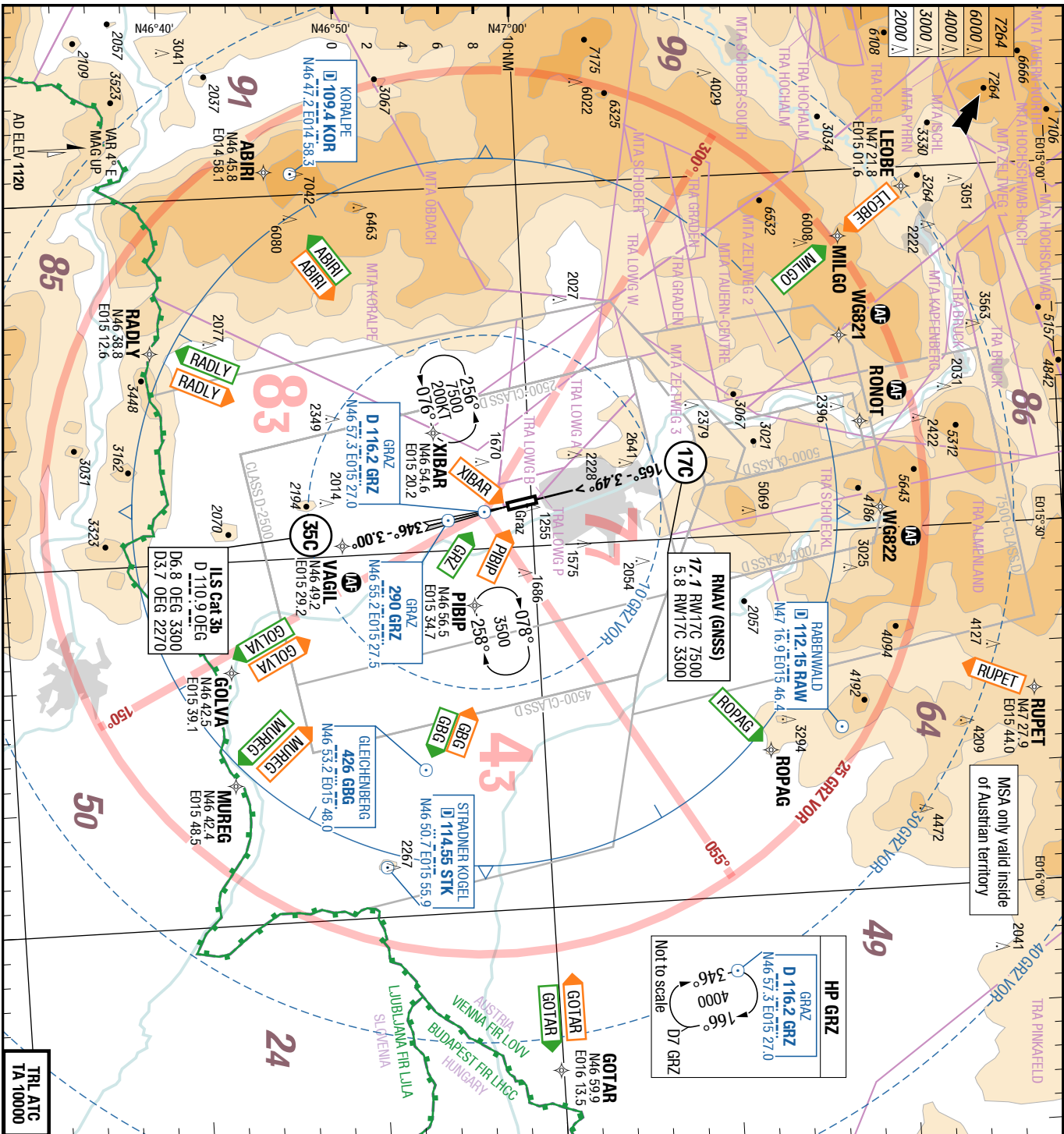
RWY		35C	
All ACFT	ft - m/km	0 - 75R	-
RWY		17C	
All ACFT	ft - m/km	0 - 125R	-

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

TWR must be notified during start-up request of any requirement to use cross-bleed start PROC.

De-Icing

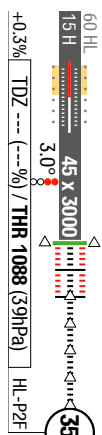
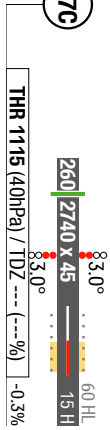
AVBL.



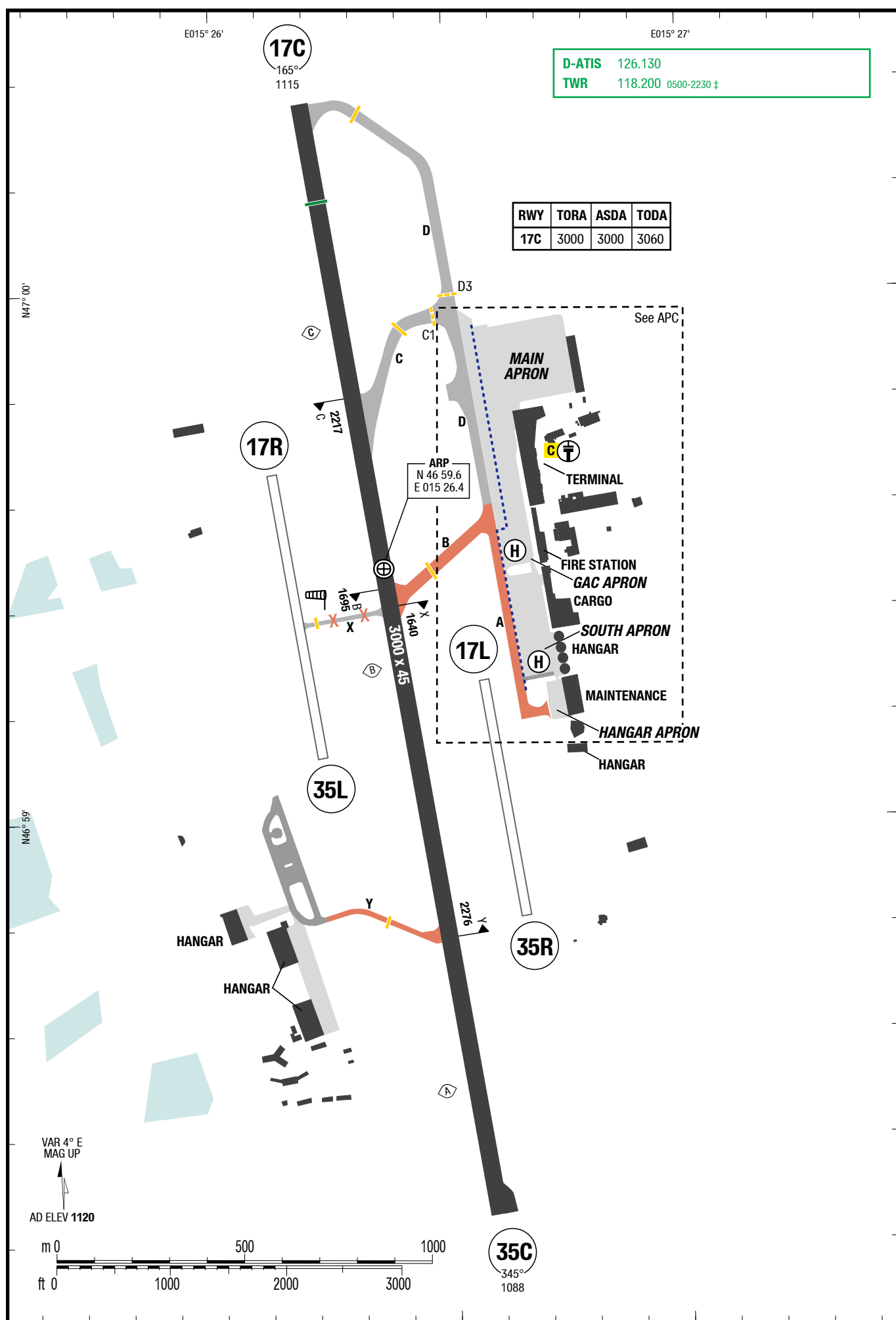
D-ATIS 126.130
RAD 119.300 0500-2230 +
 123.025 0500-2230 +
TWR 118.200 0500-2230 +

Landing RWY system:

17C



TRL ATC
TA 10000



Effective 21-JUN-2018

14-JUN-2018

GRZ-LOWG

3-30

Austria Graz

NIL

APC

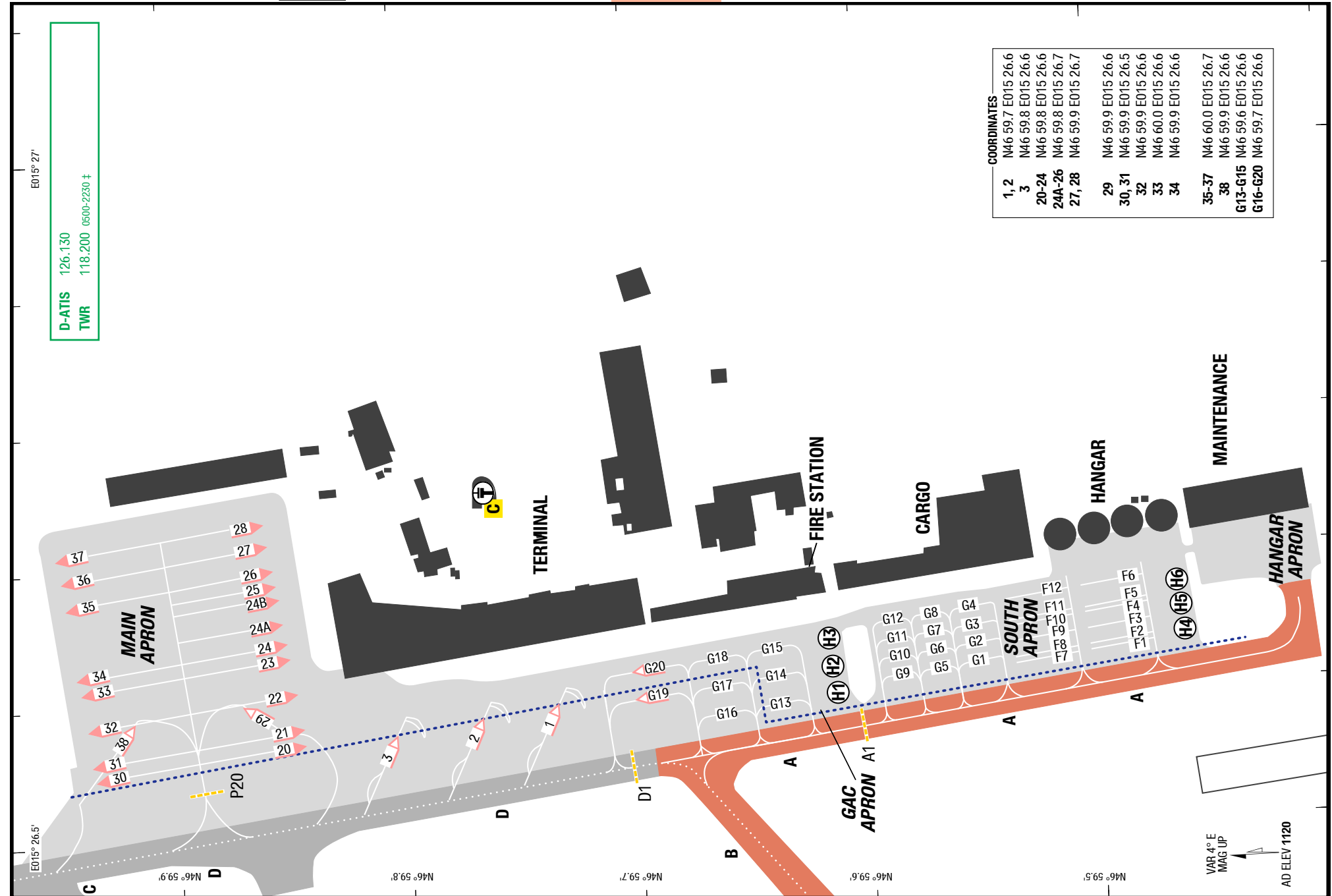
APC

APC

Graz Austria

NIL

APC

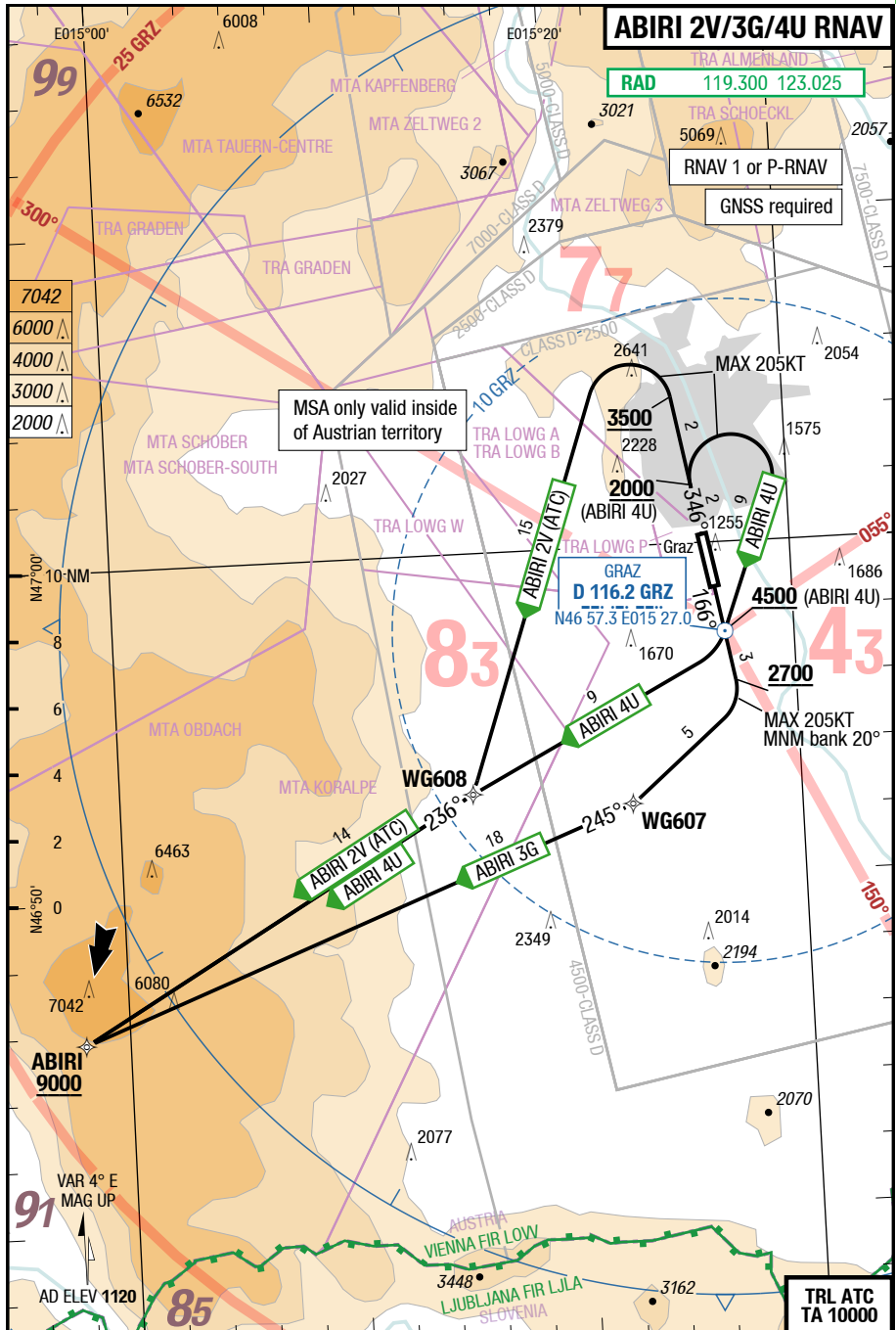


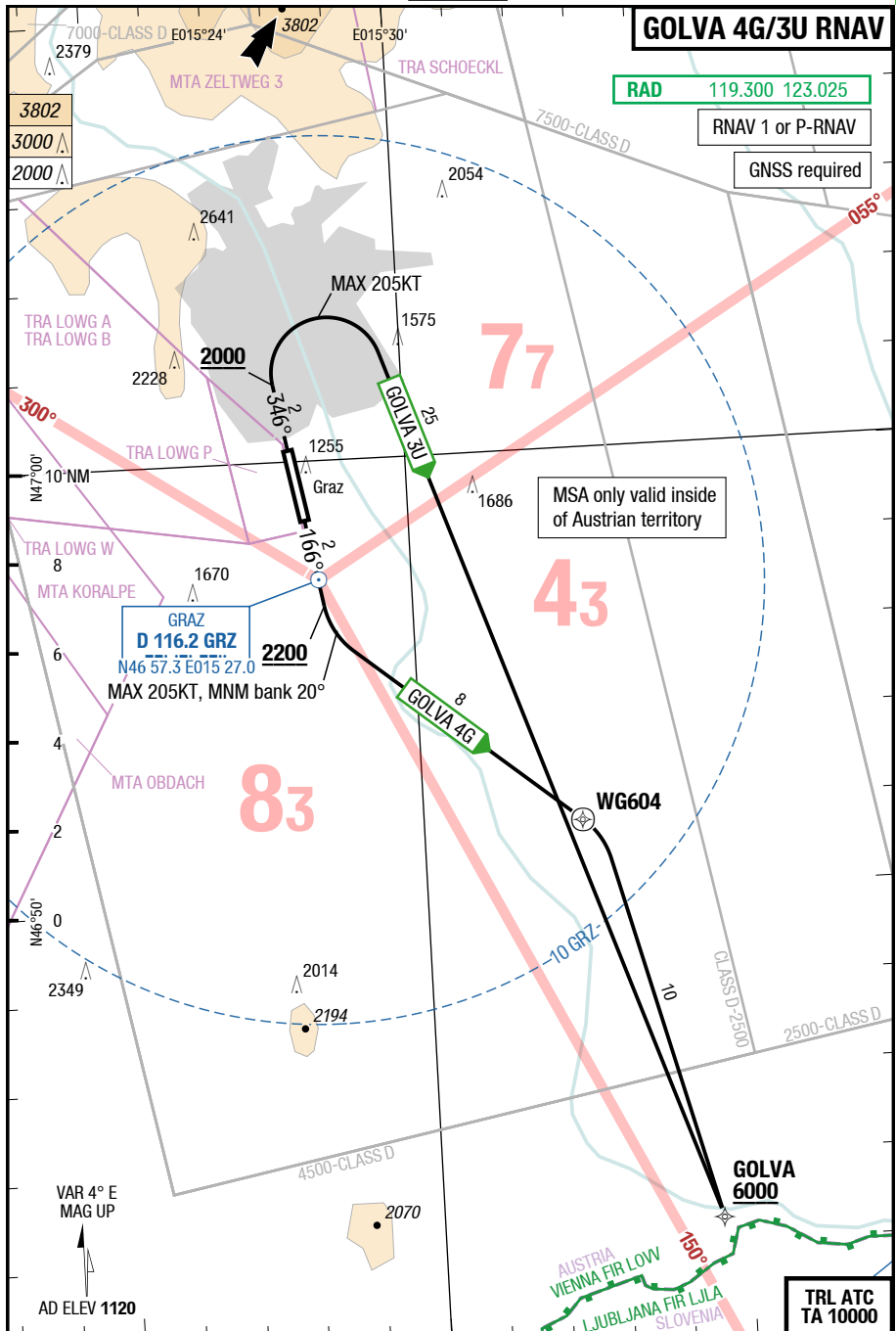
Changes: FREQ

GRZ-LOWG

4-10

ABIRI 2V/3G/4U RNAV

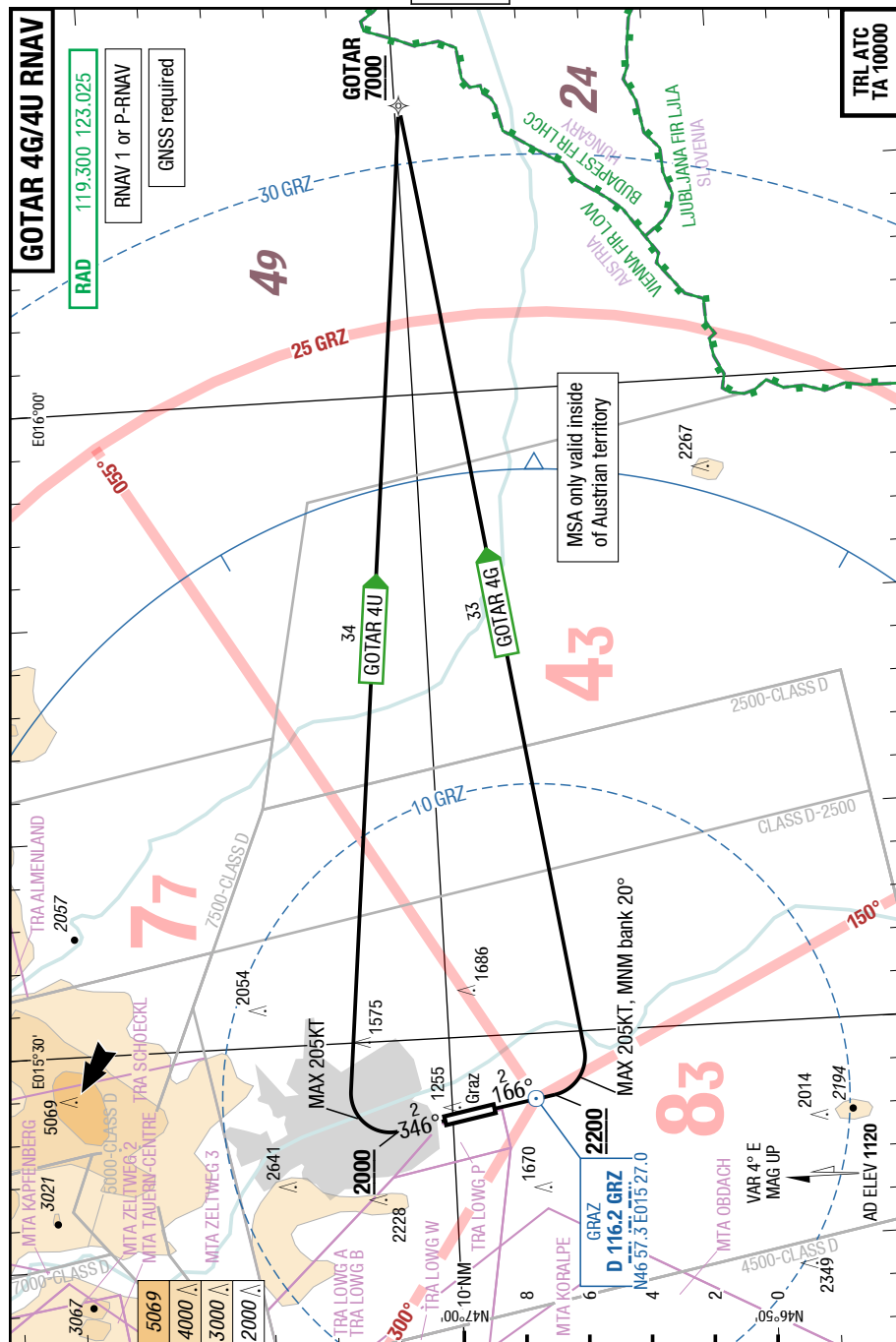




GRZ-LOWG

4-30

GOTAR 4G/4U RNAV



09-AUG-2018

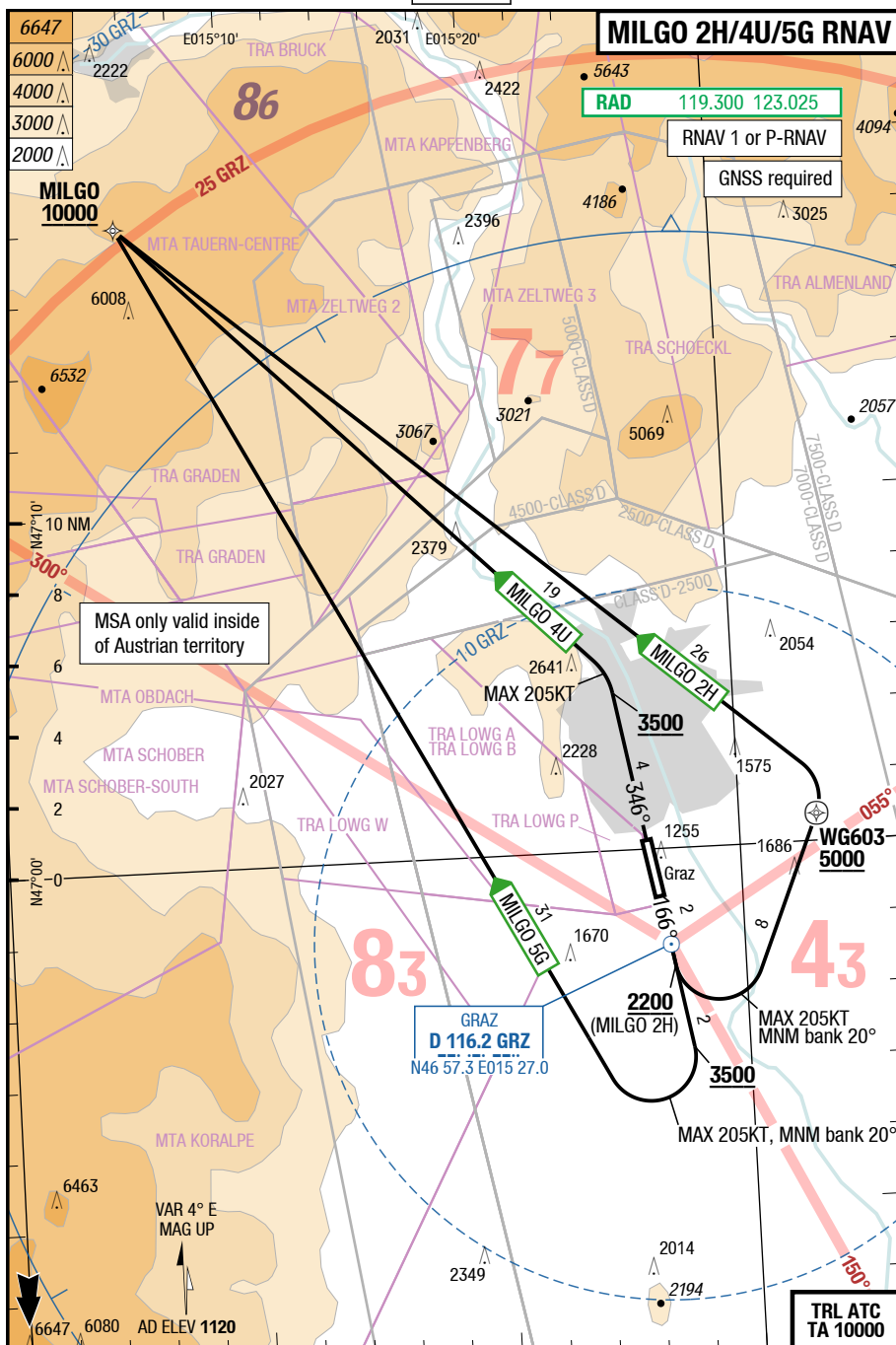
Austria Graz

SID

GRZ-LOWG

4-40

MILGO 2H/4U/5G RNAV



© Lido 2018

Changes: PROC, Note, SUAs

Effective 16-AUG-2018

09-AUG-2018

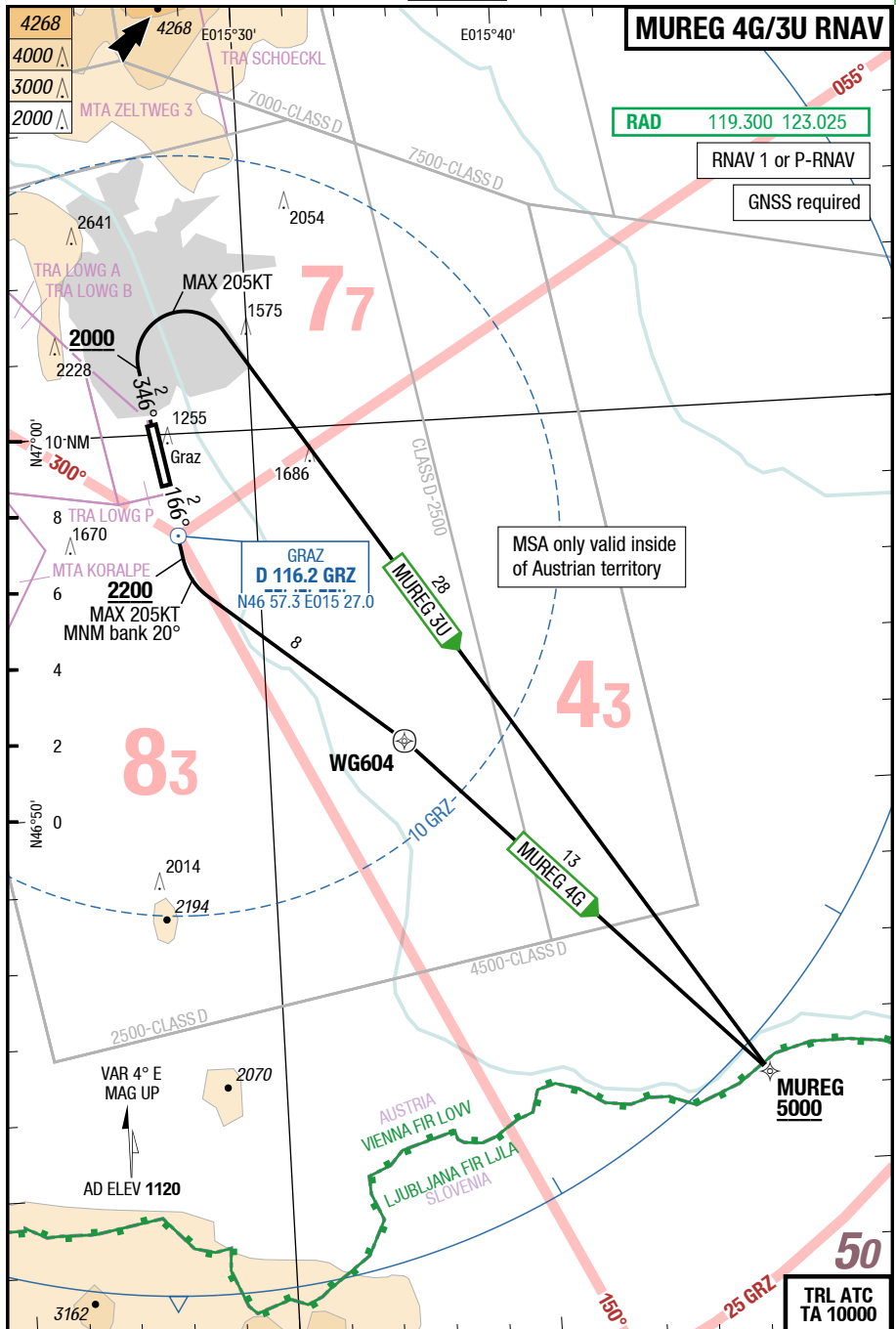
Austria Graz

SID

GRZ-LOWG

4-50

MUREG 4G/3U RNAV



Changes: PROC, Note

09-AUG-2018

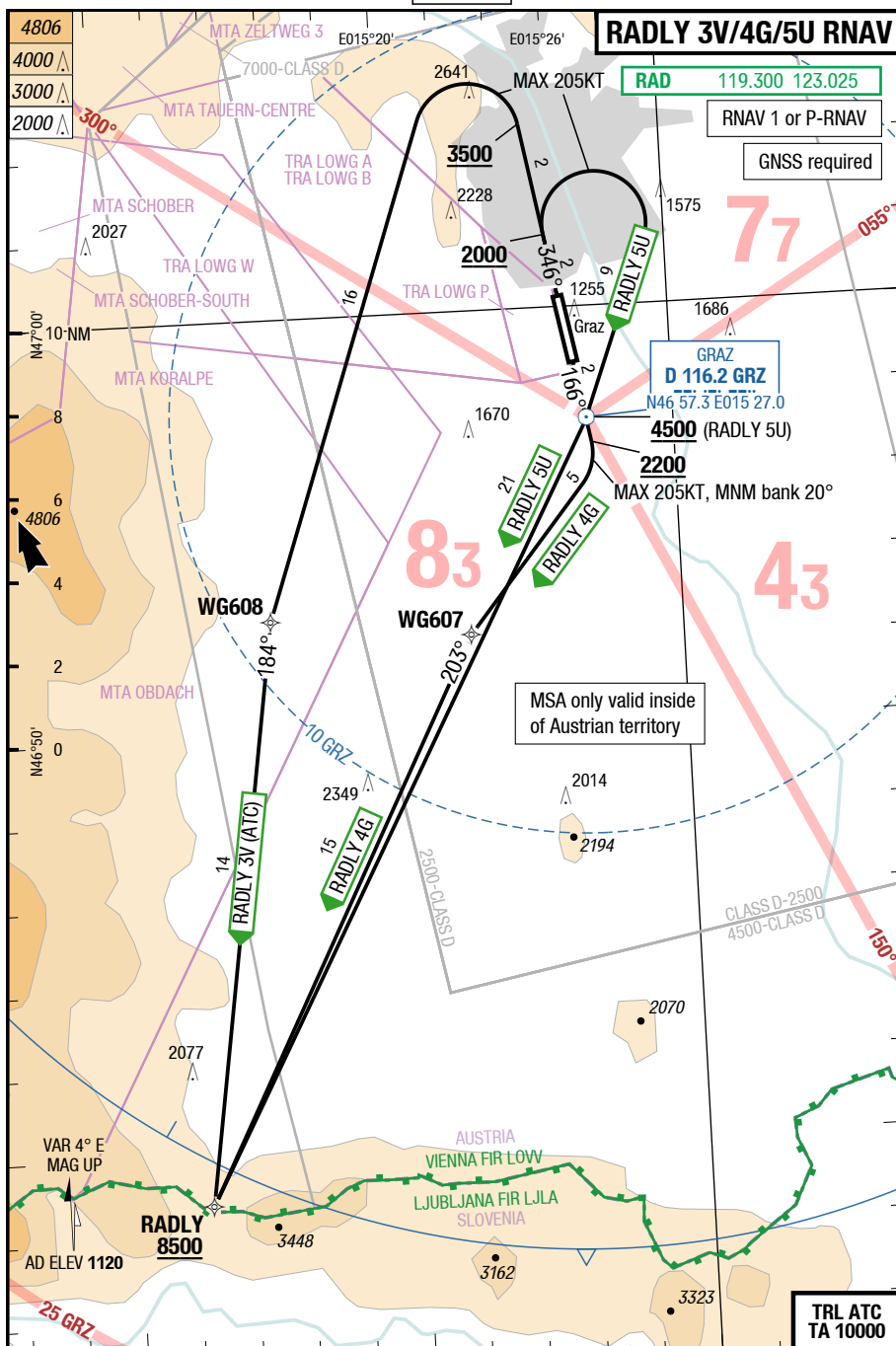
Austria Graz

SID

GRZ-LOWG

4-60

RADLY 3V/4G/5U RNAV



Changes: PROC, Note

© Lido 2018

Effective 16-AUG-2018

09-AUG-2018

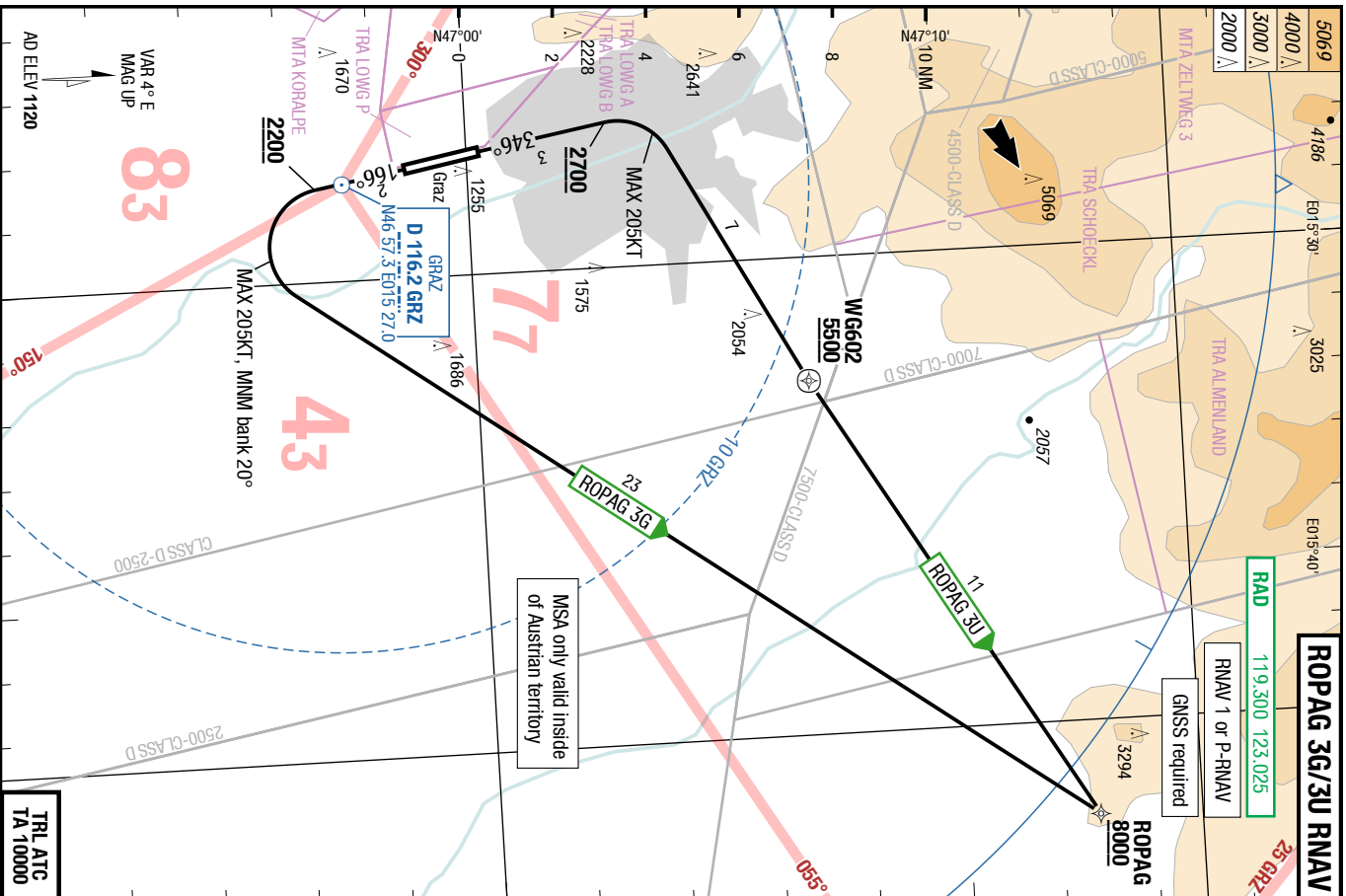
Austria Graz

SID

GRZ-LOWG

4-70

ROPAG 3G/3U RNAV



Changes: PROQ, Note



09-AUG-2018

Austria Graz

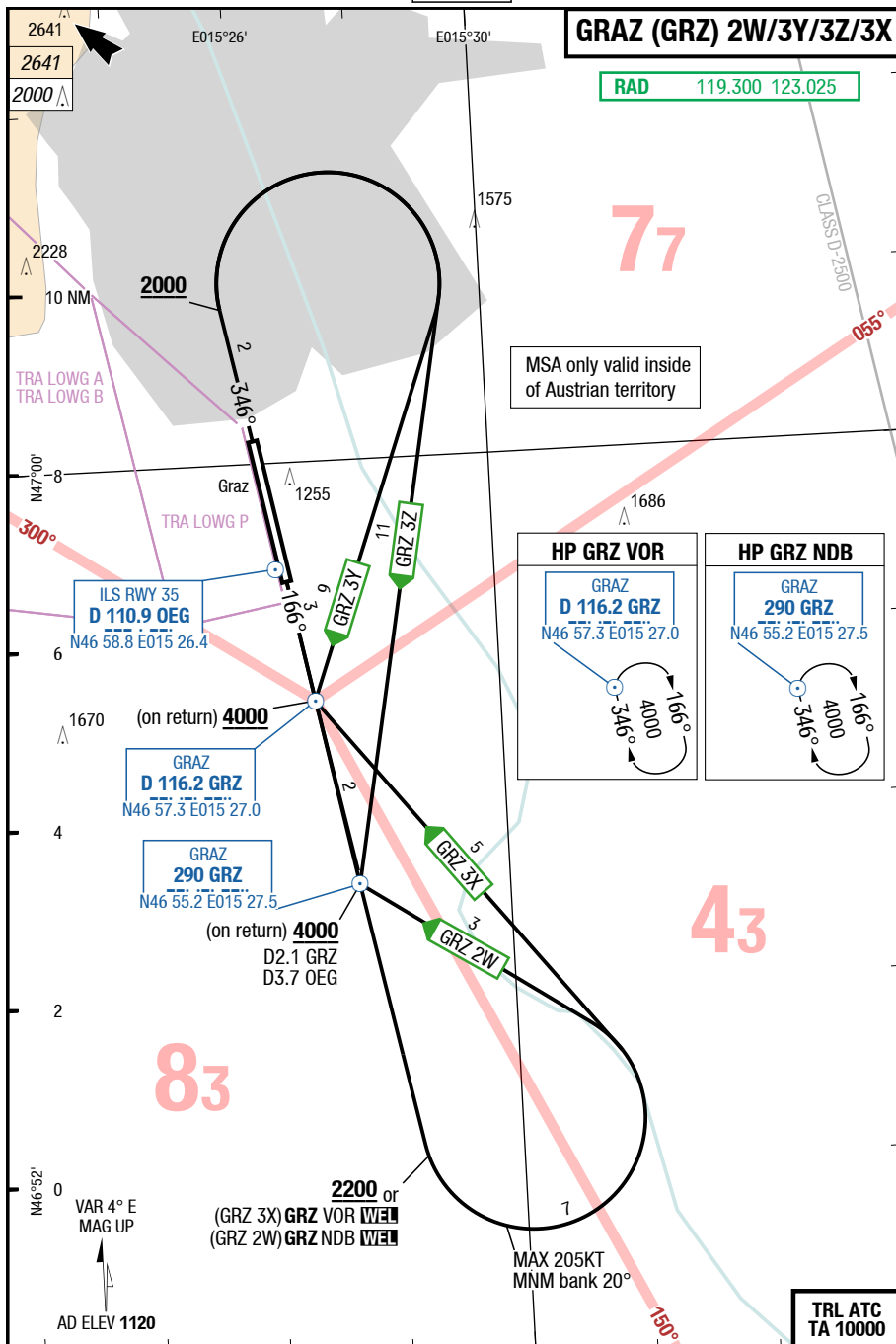
SID

GRZ-LOWG

4-90

GRAZ (GRZ) 2W/3Y/3Z/3X**GRAZ (GRZ) 2W/3Y/3Z/3X**

RAD	119.300	123.025
------------	---------	---------



Changes: PROC, PROC renumbered

© Lido 2018

ABIRI 3G / ABIRI 2V / ABIRI 4U

RWYs 17C (165°) / 35C (345°)

When instructed, contact Graz RAD.

	GS	120	150	180	210	240	270
3.5%	ft/MIN	500	600	700	800	900	1000
4.4%	ft/MIN	600	700	900	1000	1100	1300
5.1%	ft/MIN	700	800	1000	1100	1300	1400
5.7%	ft/MIN	700	900	1100	1300	1400	1600
6.0%	ft/MIN	800	1000	1100	1300	1500	1700
7.7%	ft/MIN	1000	1200	1500	1700	1900	2200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17C	
ABIRI 3G 7.7% to 2700 6.0% thereafter 119.300 ①②③	[K205- ;A2700+ ;R] - WG607 - ABIRI	ABIRI MNM 9000
	Runway 35C	
ABIRI 2V (ATC) 5.7% to 3500 3.5% thereafter 119.300 ①②③	[K205- ;A3500+ ;L] - WG608 - ABIRI	ABIRI MNM 9000
ABIRI 4U 5.1% to 4500 4.4% thereafter 119.300 ①②③	[K205- ;A2000+ ;R] - <u>GRZ</u> - WG608 - ABIRI	GRZ MNM 4500 ABIRI MNM 9000

- ① If unable to comply with the climb gradients, use GRZ SIDs.
 ② Continue climb gradient of cleared SID when under radar vectoring.
 ③ If early initial turn with reference to terrain is requested by ATC, pilots shall assure terrain clearance up to 3000ft east/3500ft west of aerodrome.

GOLVA 4G / GOLVA 3U

RWYs 17C (165°) / 35C (345°)

When instructed, contact Graz RAD.

	GS	120	150	180	210	240	270
5.1%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17C	
GOLVA 4G 5.1% to 4200 119.300 ①②③	[K205- ;A2200+ ;L] - <u>WG604</u> [R] - GOLVA	GOLVA MNM 6000
	Runway 35C	
GOLVA 3U 5.1% 119.300 ①②③	[K205- ;A2000+ ;R] - GOLVA	GOLVA MNM 6000

- ① If unable to comply with the climb gradients, use GRZ SIDs.
 ② Continue climb gradient of cleared SID when under radar vectoring.
 ③ If early initial turn with reference to terrain is requested by ATC, pilots shall assure terrain clearance up to 3000ft east/3500ft west of aerodrome.

GOTAR 4G / GOTAR 4U

RWYs 17C (165°) / 35C (345°)

When instructed, contact Graz RAD.

	GS	120	150	180	210	240	270
4.4%	ft/MIN	600	700	900	1000	1100	1300
5.1%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17C	
GOTAR 4G 4.4% to 2200 119.300 ①②③	[K205- ;A2200+ ;L] - GOTAR	GOTAR MNM 7000
	Runway 35C	
GOTAR 4U 5.1% to 2000 4.4% thereafter 119.300 ①②③	[K205- ;A2000+ ;R] - GOTAR	GOTAR MNM 7000

- ① If unable to comply with the climb gradients, use GRZ SIDs.
 ② Continue climb gradient of cleared SID when under radar vectoring.
 ③ If early initial turn with reference to terrain is requested by ATC, pilots shall assure terrain clearance up to 3000ft east/3500ft west of aerodrome.

MILGO 2H / MILGO 5G / MILGO 4U

RWYs 17C (165°) / 35C (345°)

When instructed, contact Graz RAD.

	GS	120	150	180	210	240	270
3.7%	ft/MIN	500	600	700	800	900	1100
4.0%	ft/MIN	500	700	800	900	1000	1100
6.2%	ft/MIN	800	1000	1200	1400	1600	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17C	
MILGO 2H 4.0% 119.300 ①②③	[K205- ;A2200+ ;L] - <u>WG603</u> [L] - MILGO	WG603 MNM 5000 MILGO MNM 10000
MILGO 5G 3.7% 119.300 ①②③	[K205- ;A3500+ ;R] - MILGO	MILGO MNM 10000
	Runway 35C	
MILGO 4U 6.2% to 10000 119.300 ①②③	[K205- ;A3500+ ;L] - MILGO	MILGO MNM 10000

- ① If unable to comply with the climb gradients, use GRZ SIDs.
 ② Continue climb gradient of cleared SID when under radar vectoring.
 ③ If early initial turn with reference to terrain is requested by ATC, pilots shall assure terrain clearance up to 3000ft east/3500ft west of aerodrome.

MUREG 4G / MUREG 3U

RWYs 17C (165°) / 35C (345°)

When instructed, contact Graz RAD.

	GS	120	150	180	210	240	270
5.1%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17C	
MUREG 4G 119.300 ②③	[K205- ;A2200+ ;L] - <u>WG604</u> [R] - MUREG	MUREG MNM 5000
	Runway 35C	
MUREG 3U 5.1% 119.300 ①②③	[K205- ;A2000+ ;R] - MUREG	MUREG MNM 5000

- ① If unable to comply with the climb gradients, use GRZ SIDs.
 ② Continue climb gradient of cleared SID when under radar vectoring.
 ③ If early initial turn with reference to terrain is requested by ATC, pilots shall assure terrain clearance up to 3000ft east/3500ft west of aerodrome.

RADLY 4G / RADLY 3V / RADLY 5U

RWYs 17C (165°) / 35C (345°)

When instructed, contact Graz RAD.

	GS	120	150	180	210	240	270
5.1%	ft/MIN	700	800	1000	1100	1300	1400
5.7%	ft/MIN	700	900	1100	1300	1400	1600

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17C	
RADLY 4G 5.1% 119.300 ①②③	[K205- ;A2200+ ;R] - WG607 [L] - RADLY	RADLY MNM 8500
	Runway 35C	
RADLY 3V (ATC) 5.7% to 3500 119.300 ①②③	[K205- ;A3500+ ;L] - WG608 - RADLY	RADLY MNM 8500
RADLY 5U 5.1% to 4500 119.300 ①②③	[K205- ;A2000+ ;R] - <u>GRZ</u> - RADLY	GRZ MNM 4500 RADLY MNM 8500

- ① If unable to comply with the climb gradients, use GRZ SIDs.
 ② Continue climb gradient of cleared SID when under radar vectoring.
 ③ If early initial turn with reference to terrain is requested by ATC, pilots shall assure terrain clearance up to 3000ft east/3500ft west of aerodrome.

ROPAG 3G / ROPAG 3U

RWYs 17C (165°) / 35C (345°)

When instructed, contact Graz RAD.

	GS	120	150	180	210	240	270
4.0%	ft/MIN	500	700	800	900	1000	1100
6.2%	ft/MIN	800	1000	1200	1400	1600	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17C	
ROPAG 3G 4.0% 119.300 ①②③	[K205- ;A2200+ ;L] - ROPAG	ROPAG MNM 8000
	Runway 35C	
ROPAG 3U 6.2% 119.300 ①②③	[K205- ;A2700+ ;R] - <u>WG602</u> - ROPAG	WG602 MNM 5500 ROPAG MNM 8000

- ① If unable to comply with the climb gradients, use GRZ SIDs.
 ② Continue climb gradient of cleared SID when under radar vectoring.
 ③ If early initial turn with reference to terrain is requested by ATC, pilots shall assure terrain clearance up to 3000ft east/3500ft west of aerodrome.

GLEICHENBERG 4Y / GLEICHENBERG 4Y RNAV / GLEICHENBERG 6X / GLEICHENBERG 6X RNAV

RWYs 17C (165°) / 35C (345°)

When instructed, contact Graz RAD.

	GS	120	150	180	210	240	270
5.1%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17C	
GLEICHENBERG 6X GBG 6X 119.300 ①②③	at MNM 2200 LT (MNM bank 20°, MAX 205KT) to GBG - join GBG HLDG	GBG MNM 5000
GLEICHENBERG 6X RNAV GBG 6X RNAV 119.300 ①②③	[K205- ;A2200+ ;L] - GBG	GBG MNM 5000
	Runway 35C	
GLEICHENBERG 4Y GBG 4Y 5.1% to 2000 119.300 ①②③	at MNM 2000 RT (MAX 205KT) direct GBG - join GBG HLDG	GBG MNM 5000
GLEICHENBERG 4Y RNAV GBG 4Y RNAV 5.1% to 2000 119.300 ①②③	[K205- ;A2000+ ;R] - GBG	GBG MNM 5000

- ① If unable to comply with the climb gradients, use GRZ SIDs.
- ② Continue climb gradient of cleared SID when under radar vectoring.
- ③ If early initial turn with reference to terrain is requested by ATC, pilots shall assure terrain clearance up to 3000ft east/3500ft west of aerodrome.

GRZ-LOWG

5-90

GRAZ (GRZ) 2W/3Y/3Z/3X

GRAZ 2W / GRAZ 3X / GRAZ 3Y / GRAZ 3Z

RWYs 17C (165°) / 35C (345°)

When instructed, contact Graz RAD.

	GS	120	150	180	210	240	270
4.3%	ft/MIN	600	700	800	1000	1100	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17C	
GRAZ 2W GRZ 2W 119.300 ①②③	at GRZ NDB (D2.1 GRZ /D3.7 OEG) or MNM 2200 , whichever is later, LT (MAX 205KT, MNM bank 20°) direct GRZ NDB - join HLDG pattern	GRZ NDB MNM 4000
GRAZ 3X GRZ 3X 119.300 ①②③	at GRZ VOR or MNM 2200 , whichever is later, LT (MAX 205KT, MNM bank 20°) direct GRZ VOR - join HLDG pattern	GRZ VOR MNM 4000
	Runway 35C	
GRAZ 3Y GRZ 3Y 4.3% to 2000 119.300 ①②③	346° - at MNM 2000 RT direct GRZ VOR - climb in HLDG pattern to reach MFA for the concerned ATS route	GRZ VOR MNM 4000
GRAZ 3Z GRZ 3Z 4.3% to 2000 119.300 ①②③	346° - at MNM 2000 RT direct GRZ NDB - join HLDG pattern	GRZ NDB MNM 4000

① Continue climb gradient of cleared SID when under radar vectoring.

② If early initial turn with reference to terrain is requested by ATC, pilots shall assure terrain clearance up to 3000ft east/3500ft west of aerodrome.

③ Only available for Non-RNAV equipped ACFT.

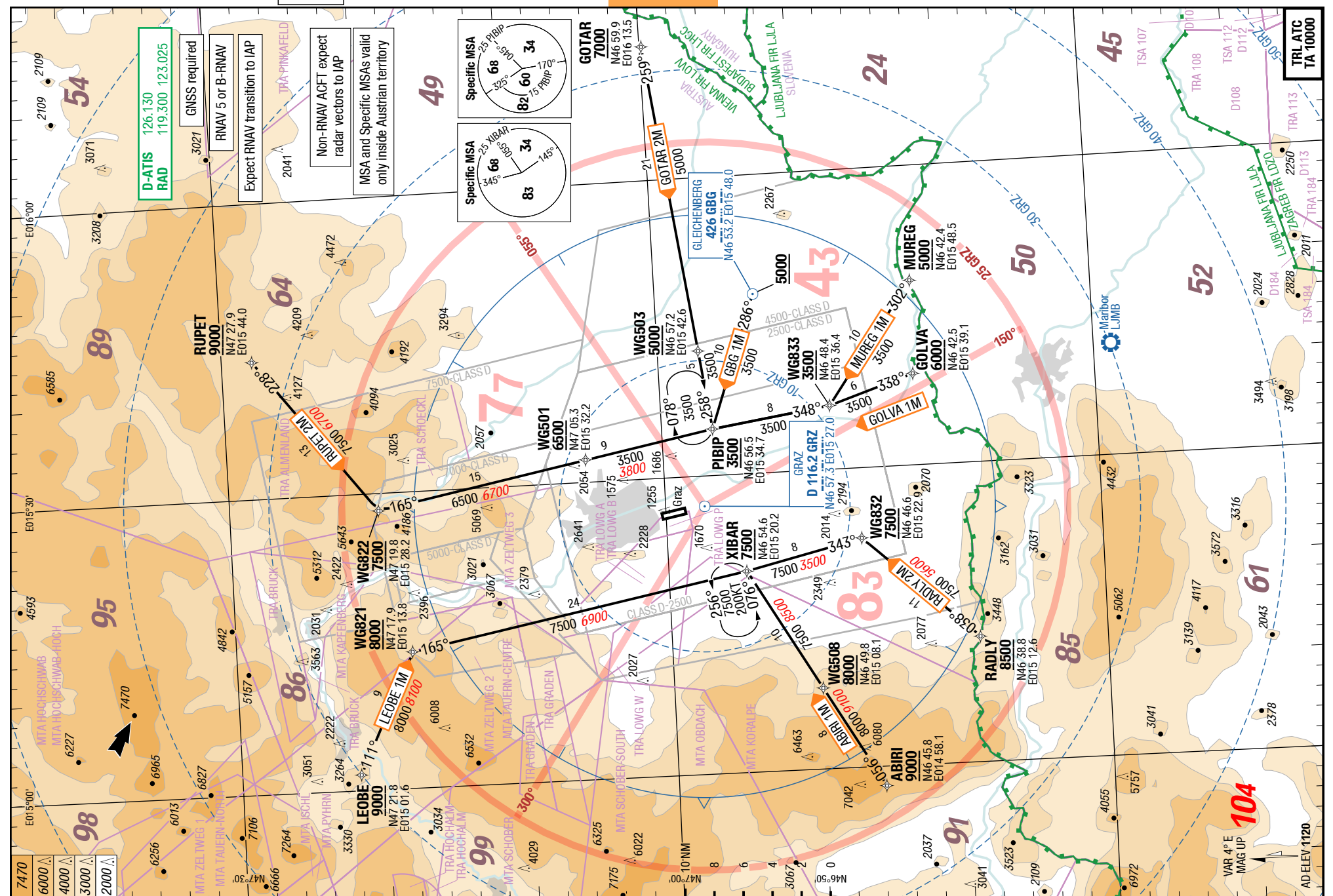
GRZ-LOWG

RNAV STARs

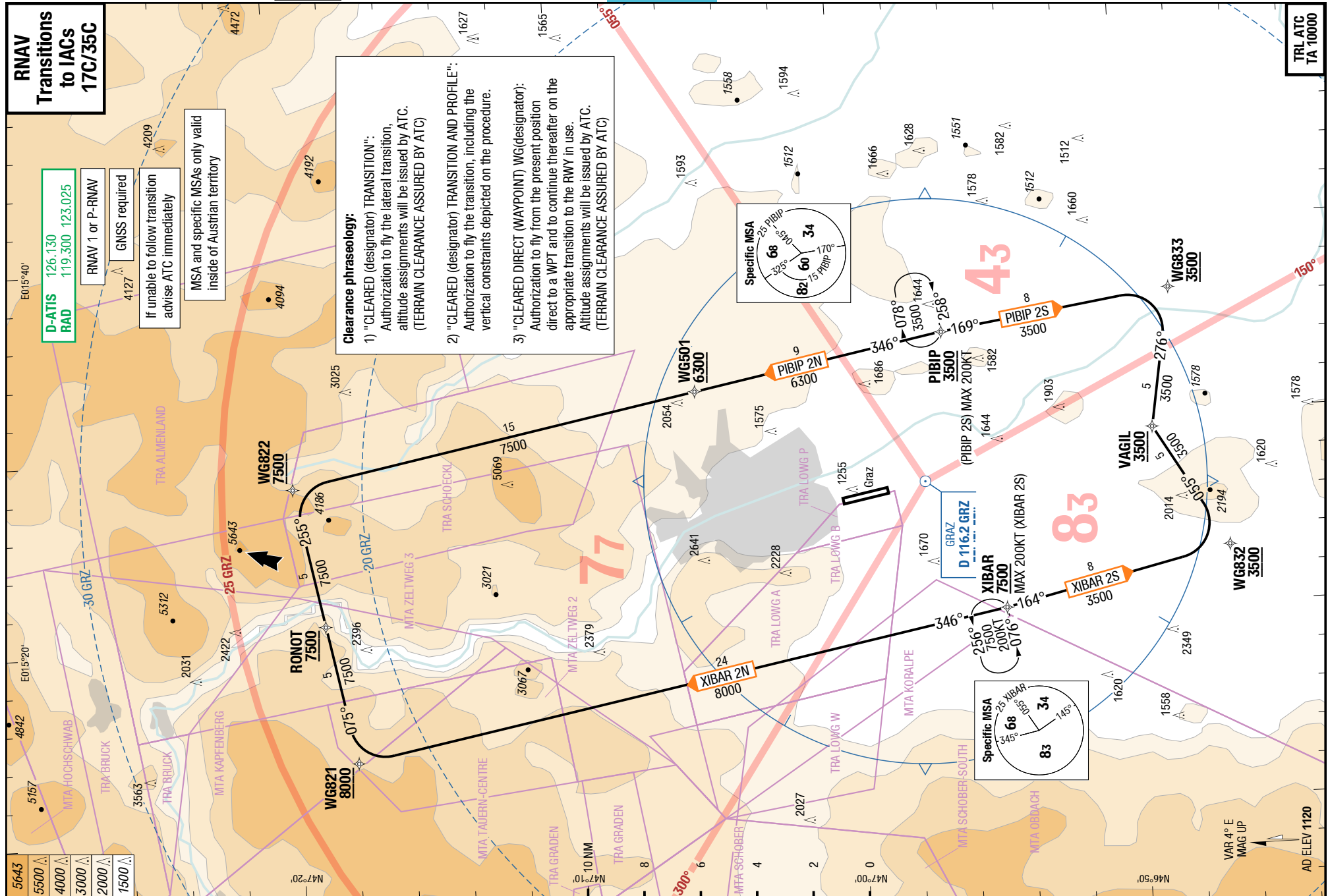
5

5

RNAV STARs



© Lido 2018



GRZ-LOWG

NIL

ILS or LOC 35C

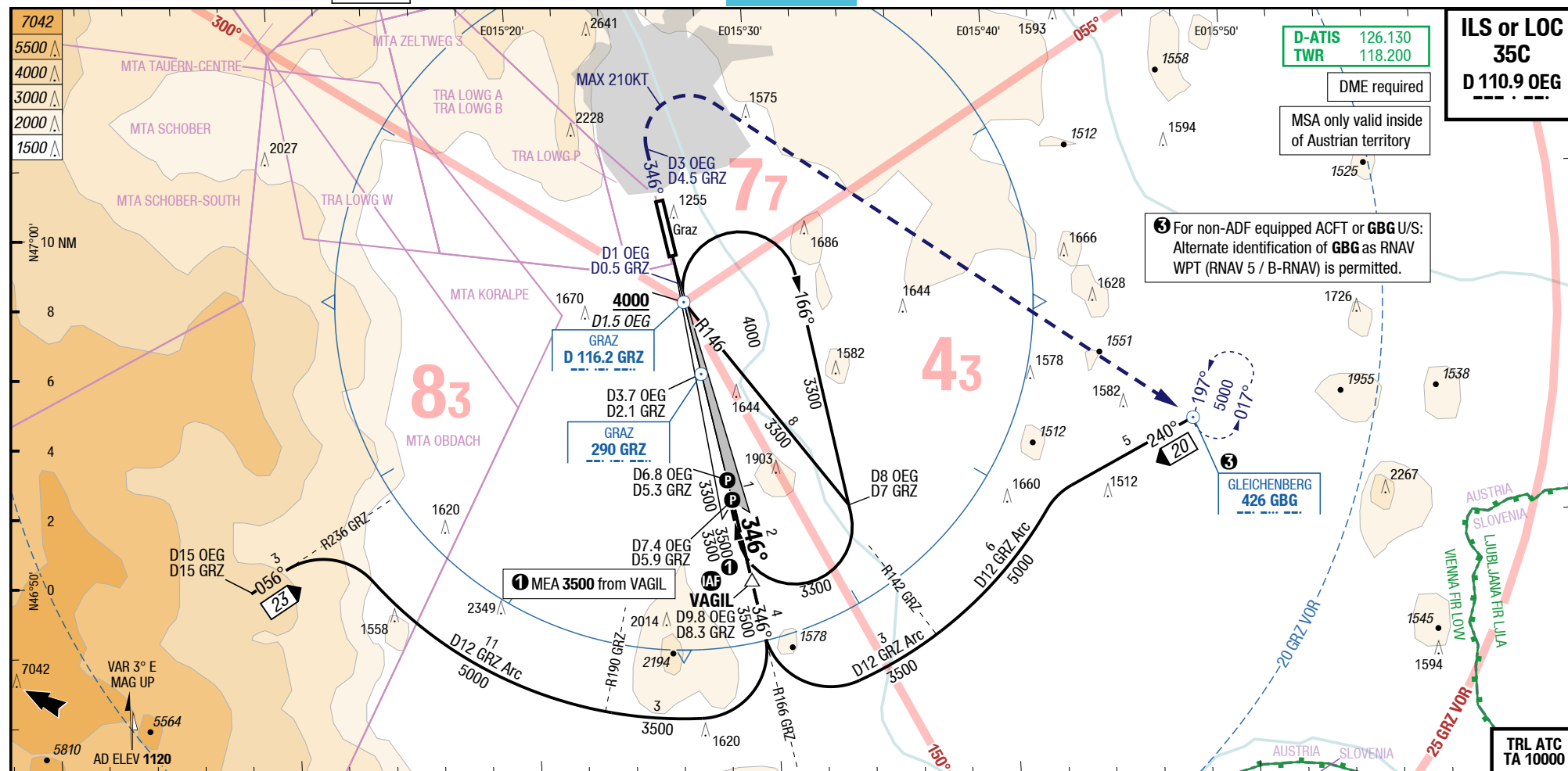
IAC

IAC

NIL

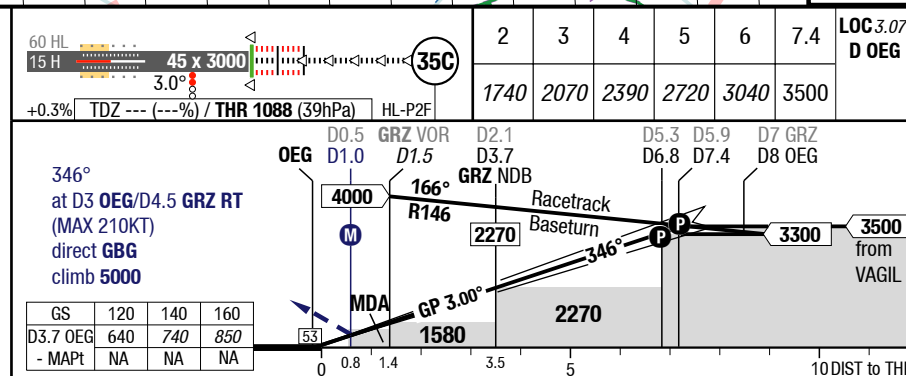
ILS or LOC 35C

7-30



35C		Cat 3b DME	Cat 2 DME ACFT MAX 65/7	Cat 2 DME	Cat 1 DME ACFT MAX 65/7 <i>L_{Ts}</i> ¹⁾	Cat 1 DME <i>L_{Ts}</i> ¹⁾	Circling E of AD only
C	ft - m/km ft	0 - 75R Company	130 - 400R 129 RA	140 - 400R 143 RA	210 - 400 1300	220 - 450 1310	960 - 2.4V 2080
D	ft - m/km ft	0 - 75R Company	140 - 400R 143 RA	140 - 400R 143 RA	220 - 450 1310	220 - 450 1310	1470 - 3.6V 2590

1) With EVS 350m



© Lido 2018

Changes: MIN, Note

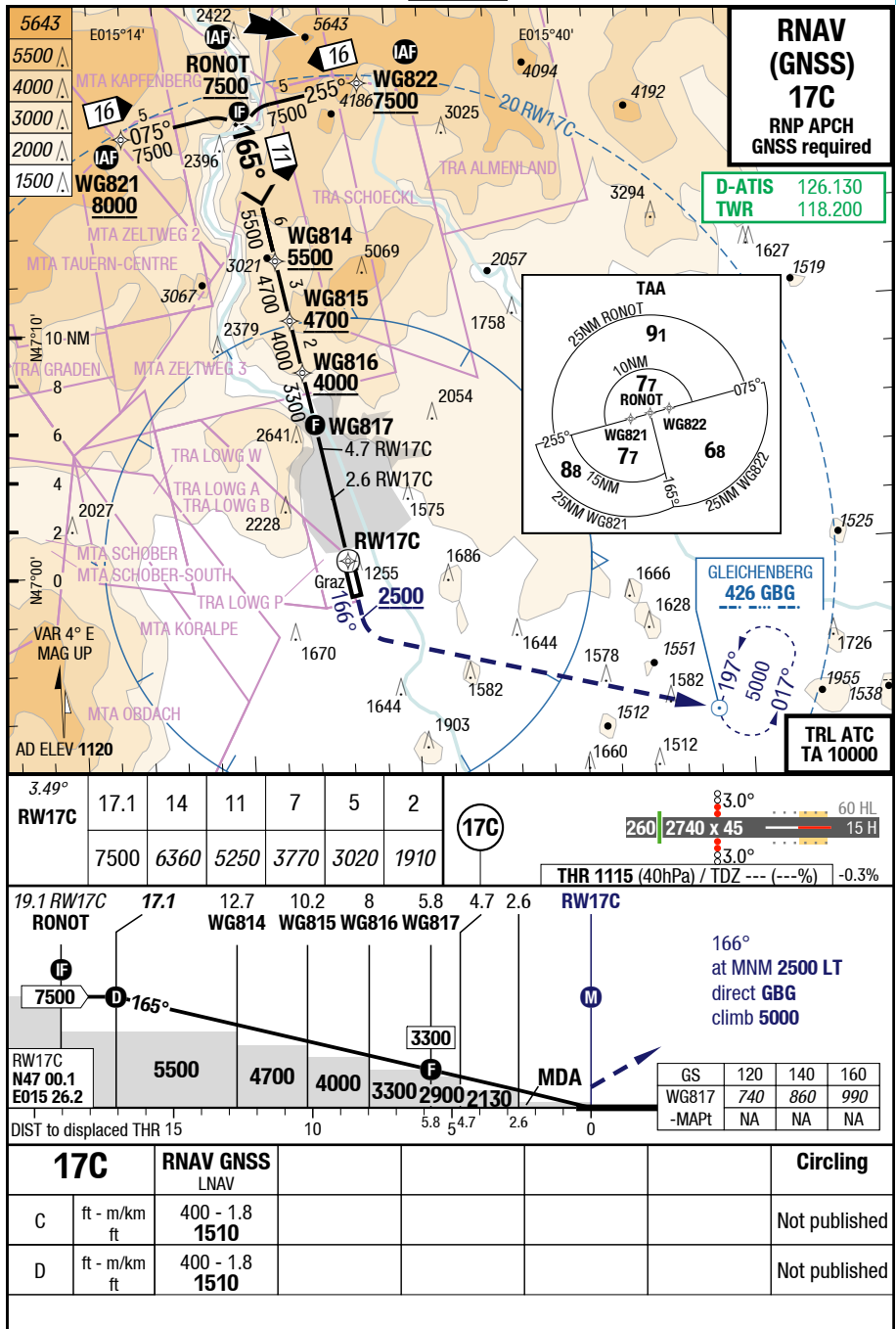
14-JUN-2018

IAC

GRZ-LOWG

7-50

RNAV (GNSS) 17C



Changes: FREQ

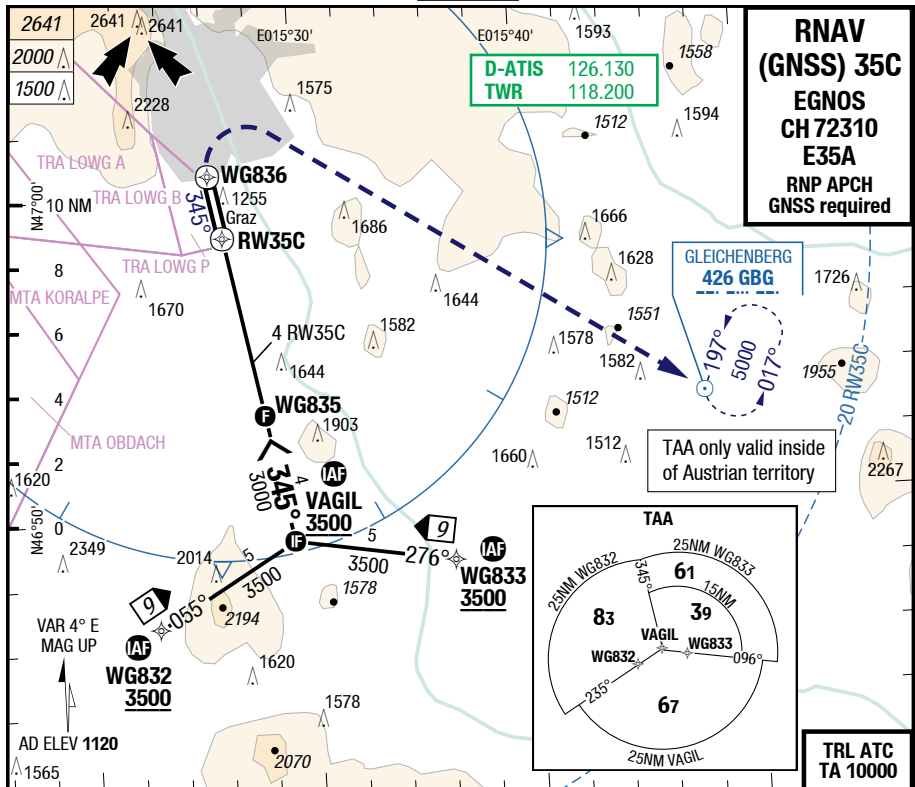
14-JUN-2018

IAC

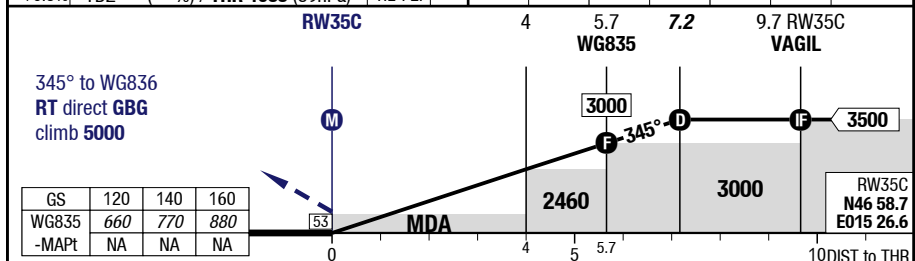
GRZ-LOWG

7-60

RNAV (GNSS) 35C



60 HL 15 H	45 x 3000	3.0°	2	3	5	6	7	7.2	3.10° RW35C
+0.3% TDZ --- (---%) / THR 1088 (39hPa)	HL-P2F		1800	2130	2790	3120	3450	3500	



35C	RNAV GNSS LPV GA 4.0% 1)	RNAV GNSS LPV GA 2.5% 2) 3)	RNAV GNSS VNAV GA 4.0% 3) 4) 5)	RNAV GNSS VNAV GA 2.5% 5)	RNAV GNSS LNAV	Circling
C	ft - m/km 1320 6)	300 - 650 1390 6)	250 - 600 1340 6)	360 - 900 1450 7) 6)	400 - 1.1 1480	Not published
D	ft - m/km 1330	310 - 700 1400	280 - 600 1370	390 - 1.1 1470 8)	400 - 1.1 1480	Not published

1) With EVS 350m 2) With EVS 450m 3) wo HGS RVR 750m required 4) With EVS 400m 5) Uncompensated BARO VNAV NA below -15°C (5°F) 6) For ACFT>65/7 use CAT D minima 7) With EVS 600m 8) With EVS 750m

Changes: FREQ

14-JUN-2018

GRZ-LOWG

7-70

Austria **Graz**

VOR 35C

VOR 17C

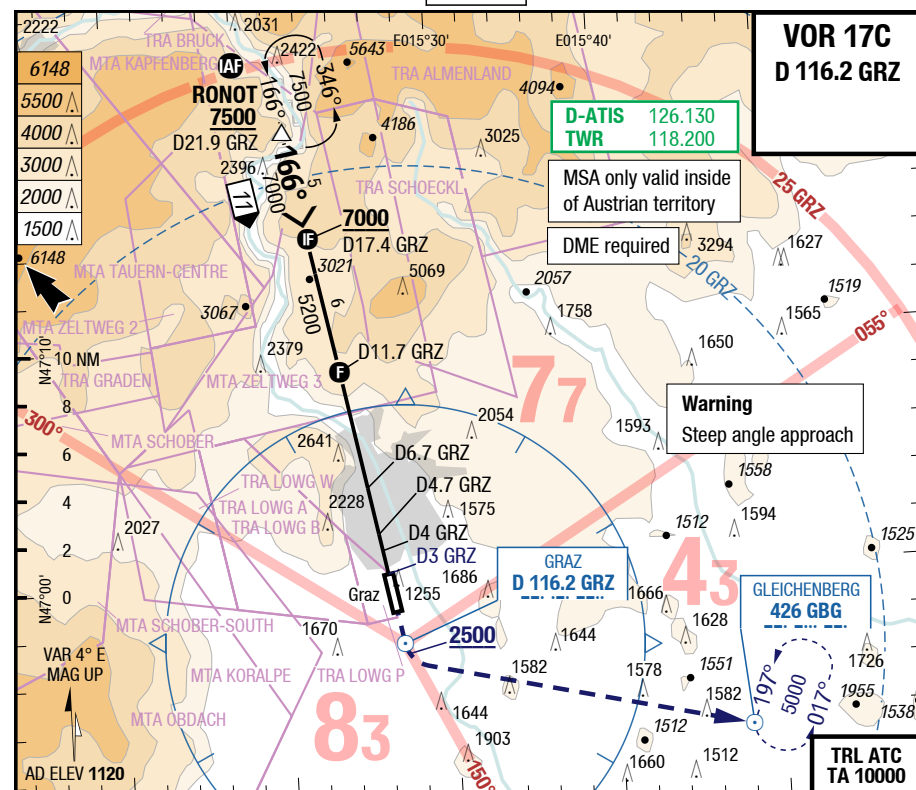
IAC

IAC

Graz Austria

VOR 35C

VOR 17C

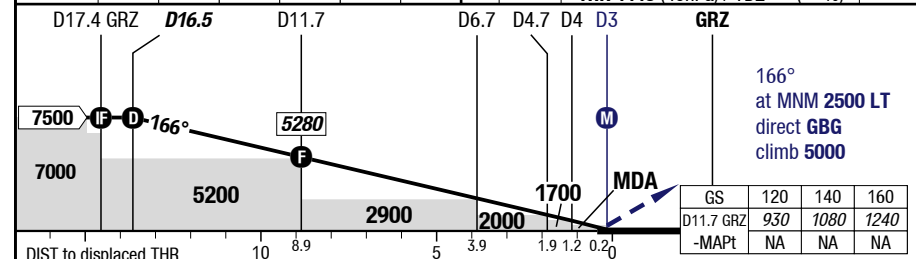


16.5	14	10	8	6	5
7500	6350	4490	3560	2630	2170

4.37°
D GRZ
166°
RWY 165°

17C

3.0° 60 HL
260 2740 x 45 15 H
3.0°
THR 1115 (40hPa) / TDZ --- (---%) -0.3%



17C		VOR DME				Circling E of AD only
C	ft - m/km ft	400 - 1.8 1510				960 - 2.4V 2080
D	ft - m/km ft	400 - 1.8 1510				1470 - 3.6V 2590

Effective 21-JUN-2018

14-JUN-2018

GRZ-LOWG

7-80

Austria Graz

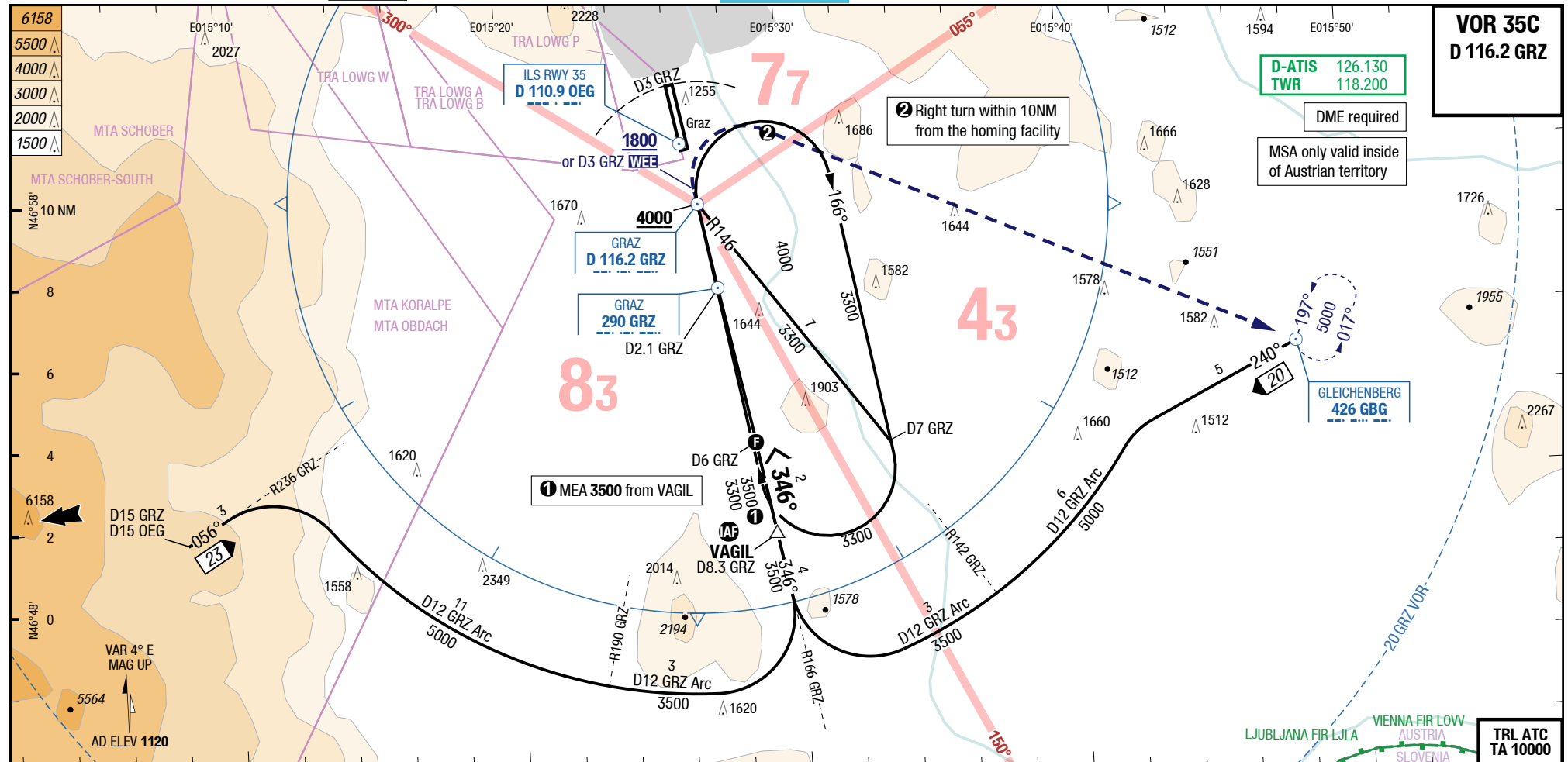
VOR 35C

IAC

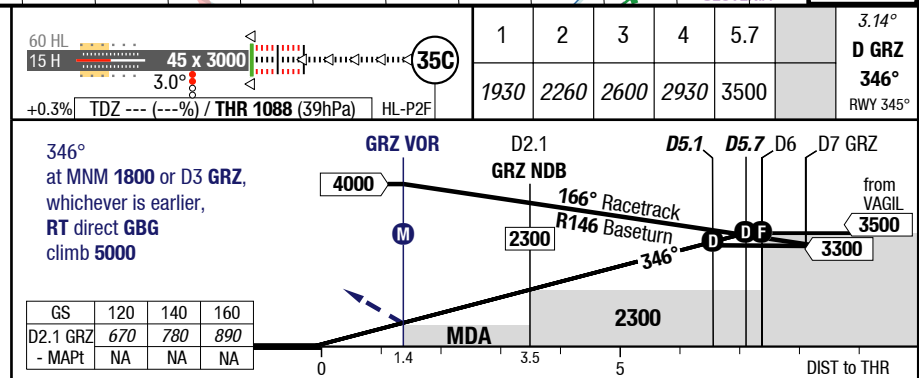
IAC

Graz Austria

VOR 35C



35C		VOR DME					Circling E of AD only
C	ft - m/km ft	420 - 1.2 1500					960 - 2.4V 2080
D	ft - m/km ft	420 - 1.2 1500					1470 - 3.6V 2590



Changes: FREQ

GRZ-LOWG

7-110

WxMinima Overflow

35C		Cat 1 DME ACFT MAX 65/7 1)	Cat 1 DME 1)	LOC DME			
C	ft - m/km ft	210 - 550 1300	220 - 550 1310	340 - 800 1420			
D	ft - m/km ft	220 - 550 1310	220 - 550 1310	340 - 800 1420			
1) With EVS 350m							

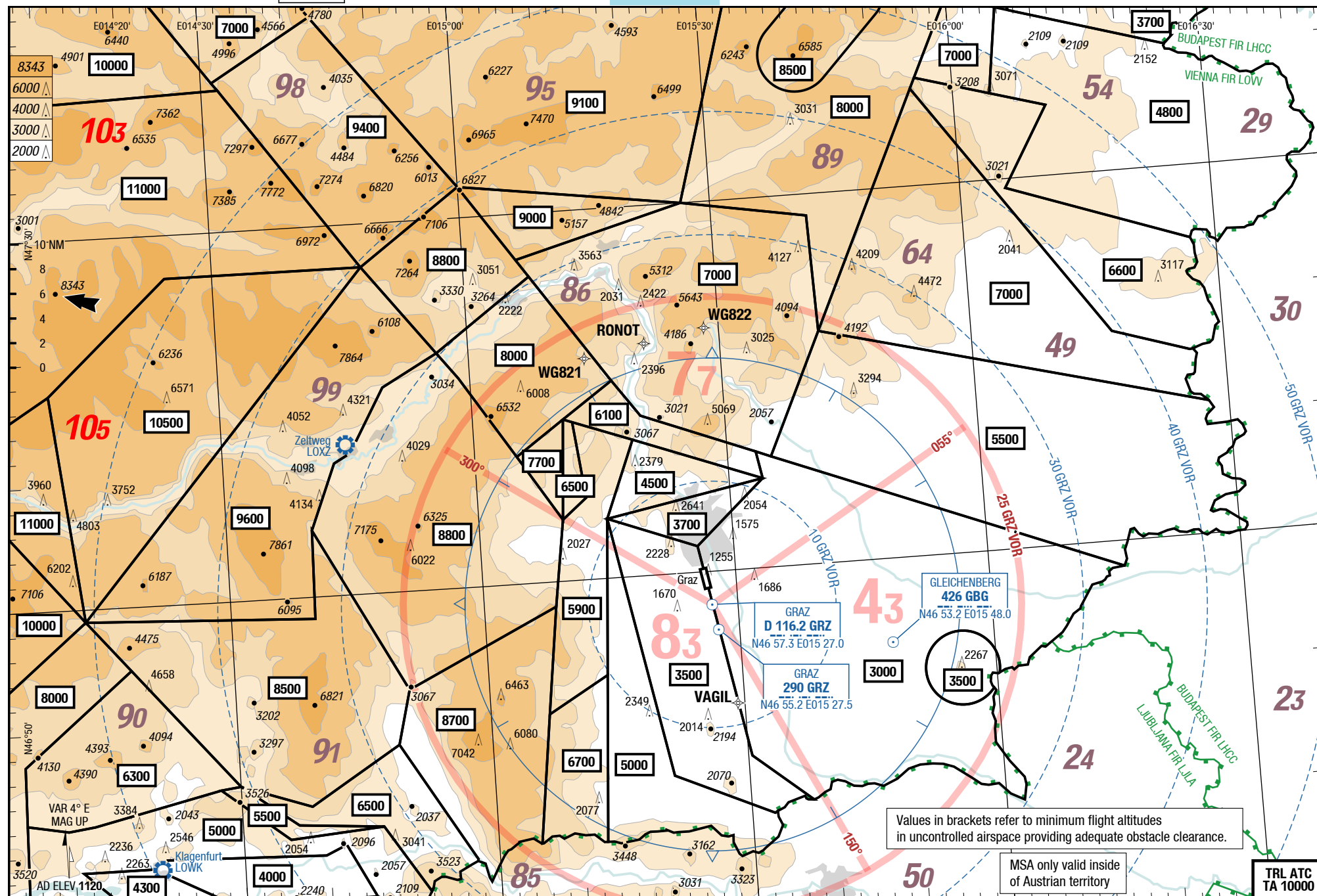
15-FEB-2018
GRZ-LOWG

Austria Graz
NIL
MRC

MRC
MRC

Graz Austria
NIL
MRC

8-10



Changes: OBST