

GENERAL**Operational Hours****ATS Hours / AD ADMIN Hours:** H24**Airport Information****RFF:** CAT 9**PCN:** RWY 13R/31L: 66/R/A/W/T**Operation****TWY Restrictions**

TWY A, F width 18m / 59ft.

TWY D width 16m / 52ft.

TWY A AVBL up to code letter C ACFT.

TWY C, 4 ENG ACFT use inboard ENG only.

Taxi/Parking

ACFT are allowed to make 180° turn at intersection place of RWY 13L/31R and TWY E.

On RWY 13R/31L, code letter D ACFT and above are allowed to make 180° turn at RWY 13 THR and the intersection place of RWY 13L/31R and TWY E.

Taxiing from stand 1, 2, 6 is performed by towing only except for ACFT not exceeding code 3B.

Follow-me REQ via TWR:

- AVBL when VIS below 400m.
- AVBL during night time for CAT C, D, E ACFT.
- Mandatory for APN 4 and winter conditions.

ACFT with wingspan more than 51m / 167ft taxiing on RWY 31R/13L, assistance mandatory.

MAX taxiing speed 27KT.

Warnings

Do not mistake with MIL Vaziani AD 6NM SE of AD.

Expect heavy TURB with down-drafts and WS on final.

HGT maintaining during rain is difficult.

ARRIVAL**Speed**

MAX IAS 250KT within TMA below FL110.

Arrival Procedure**Visual APCH**

CLR for visual APCH will be issued only after the pilot has reported that the AD is insight.

DEPARTURE**Take-off Minima**

RWY		13R/31L	
All ACFT	ft - m/km	0 - 400R/400V	-

Speed

MAX IAS 250KT within TMA below FL110.

Departure Procedure**Departure Note**

Maintain climb gradient 5.4% or above up to FL90 when cleared to continue RWY HDG after departure from RWY 31L.

Noise Abatement Procedure: TKOF is carried out using NAP to AOM.

ATC Slot, Clearance

Contact TWR for CLR earliest 10min before ENG start.

De-Icing

TWY E equipped with de-icing pad.

Stands 100-111 equipped for de-icing treatment.

Warnings

When UGR-223, UG(R) 224 or UG(R) 225 active, climb up to FL160.

12-JUL-2018

TBS-UGTB

Georgia Tbilisi

Tbilisi Georgia

2-10

Flight Levels:

- 10101
- 8000
- 4500
- 3500
- 2500
- 1000
- 500
- 200
- 100
- 50
- 20
- 10
- 5
- 2
- 1
- 0.5
- 0.2
- 0.1
- 0.05

Runway Information:

- 13R:** THR 1624 (58hPa) / TDZ --- (-%) -0.7%
60 HL 3000 x 45 15 HL
- 31L:** THR 1573 (-%) / TDZ 870 HL-P2F
60 HL 45 x 3000 15 HL

Navigation Aids:

- MUKHRANI 520 DF:** IAF, N41 55.0 E044 33.9
- ILS DME Cat 1 D 110.3 IVP:** IAF, N41 55.0 E044 33.9
- D 113.7 TBS:** IAF, N41 40.2 E044 56.8
- 342 VP:** IAF, N41 42.8 E044 53.7
- 211 NA:** IAF, N41 38.0 E044 59.8
- ILS DME Cat 1 D 108.9 INA:** IAF, N41 32.7 E045 31.4
- HP TBS:** IAF, N41 40.2 E044 56.8
- HP TBS:** IAF, N41 40.2 E044 56.8

Airways and Routes:

- FL90, FL100, FL200, FL300, FL400, FL500, FL600, FL700, FL800, FL900, FL1000, FL1100, FL1200, FL1300, FL1400, FL1500, FL1600, FL1700, FL1800, FL1900, FL2000, FL2100, FL2200, FL2300, FL2400, FL2500, FL2600, FL2700, FL2800, FL2900, FL3000, FL3100, FL3200, FL3300, FL3400, FL3500, FL3600, FL3700, FL3800, FL3900, FL4000, FL4100, FL4200, FL4300, FL4400, FL4500, FL4600, FL4700, FL4800, FL4900, FL5000, FL5100, FL5200, FL5300, FL5400, FL5500, FL5600, FL5700, FL5800, FL5900, FL6000, FL6100, FL6200, FL6300, FL6400, FL6500, FL6600, FL6700, FL6800, FL6900, FL7000, FL7100, FL7200, FL7300, FL7400, FL7500, FL7600, FL7700, FL7800, FL7900, FL8000, FL8100, FL8200, FL8300, FL8400, FL8500, FL8600, FL8700, FL8800, FL8900, FL9000, FL9100, FL9200, FL9300, FL9400, FL9500, FL9600, FL9700, FL9800, FL9900, FL10000, FL10100

Other Labels:

- OBORA, BAGEM, LAGAS, LAMUS, MTA KRTSANISI, MTA MARNEULI 1, MTA MARNEULI 2, MTA BOLNISI, MTA VAZIANI, MTA ALGETI, TBILISI FIR UGGG, YEREVAN FIR UDD, BAKU FIR UBBA, TBILISI FIR UBB4, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100, R101.

Changes: APCH boxes

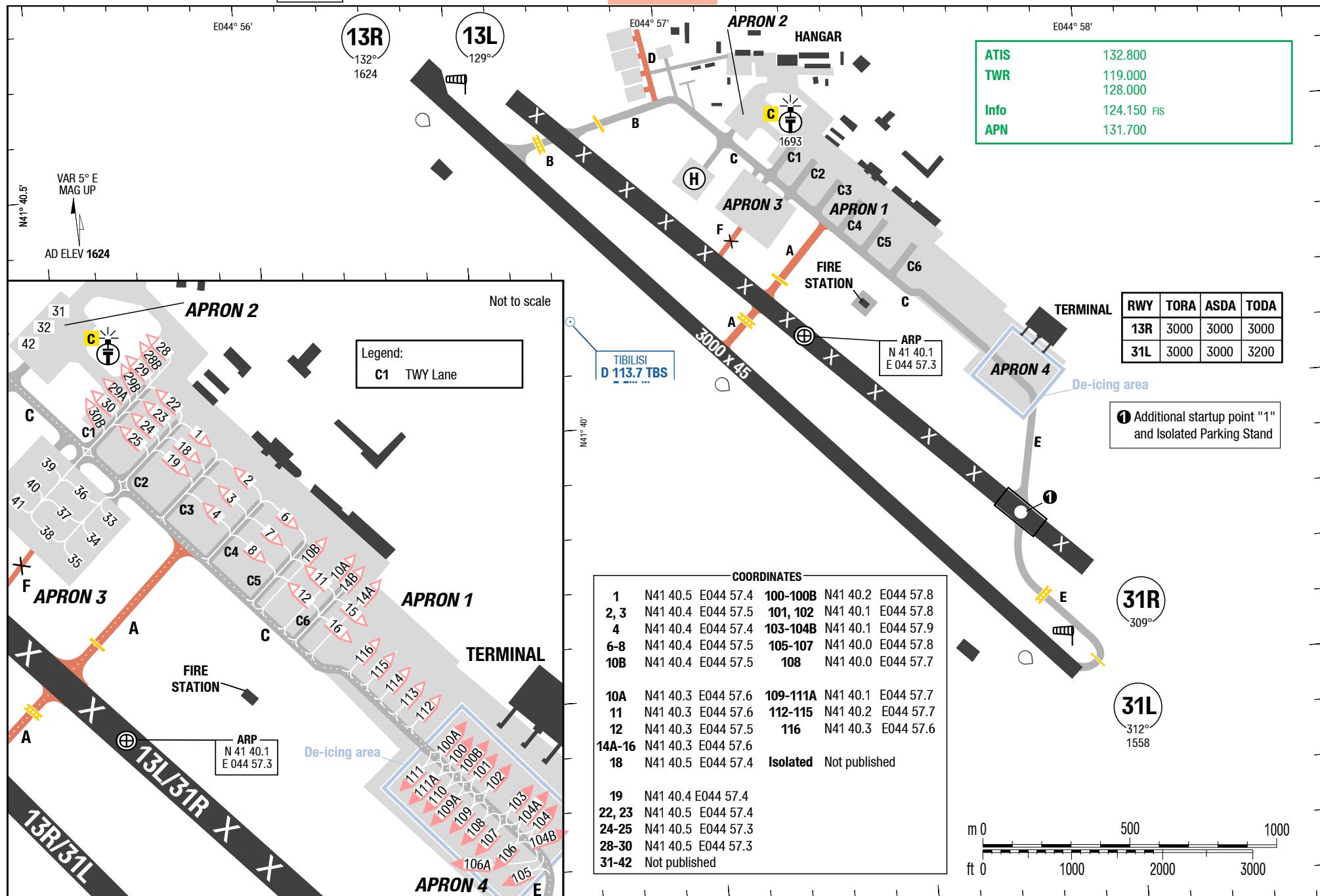
12-JUL-2018

TBS-UGTB

Georgia Tbilisi

Tbilisi Georgia

3-20



Changes: Nil

Effective 02-FEB-2017

26-JAN-2017

TBS-UGTB

4-10

Georgia Tbilisi

SIDs RWY 31L

SIDs RWY 13R

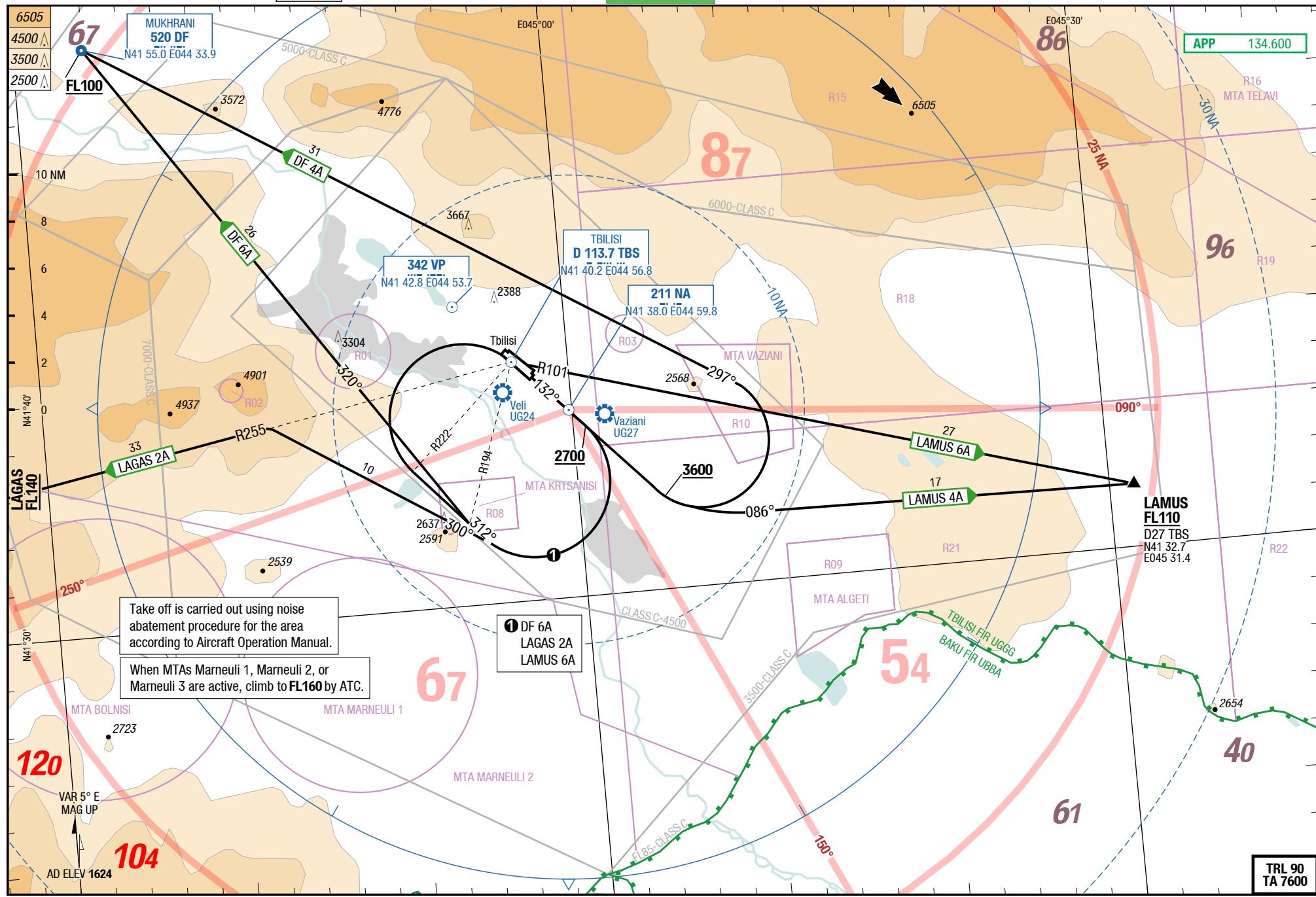
SID

SID

Tbilisi Georgia

SIDs RWY 31L

SIDs RWY 13R



Effective 02-FEB-2017

26-JAN-2017

TBS-UGTB

4-20

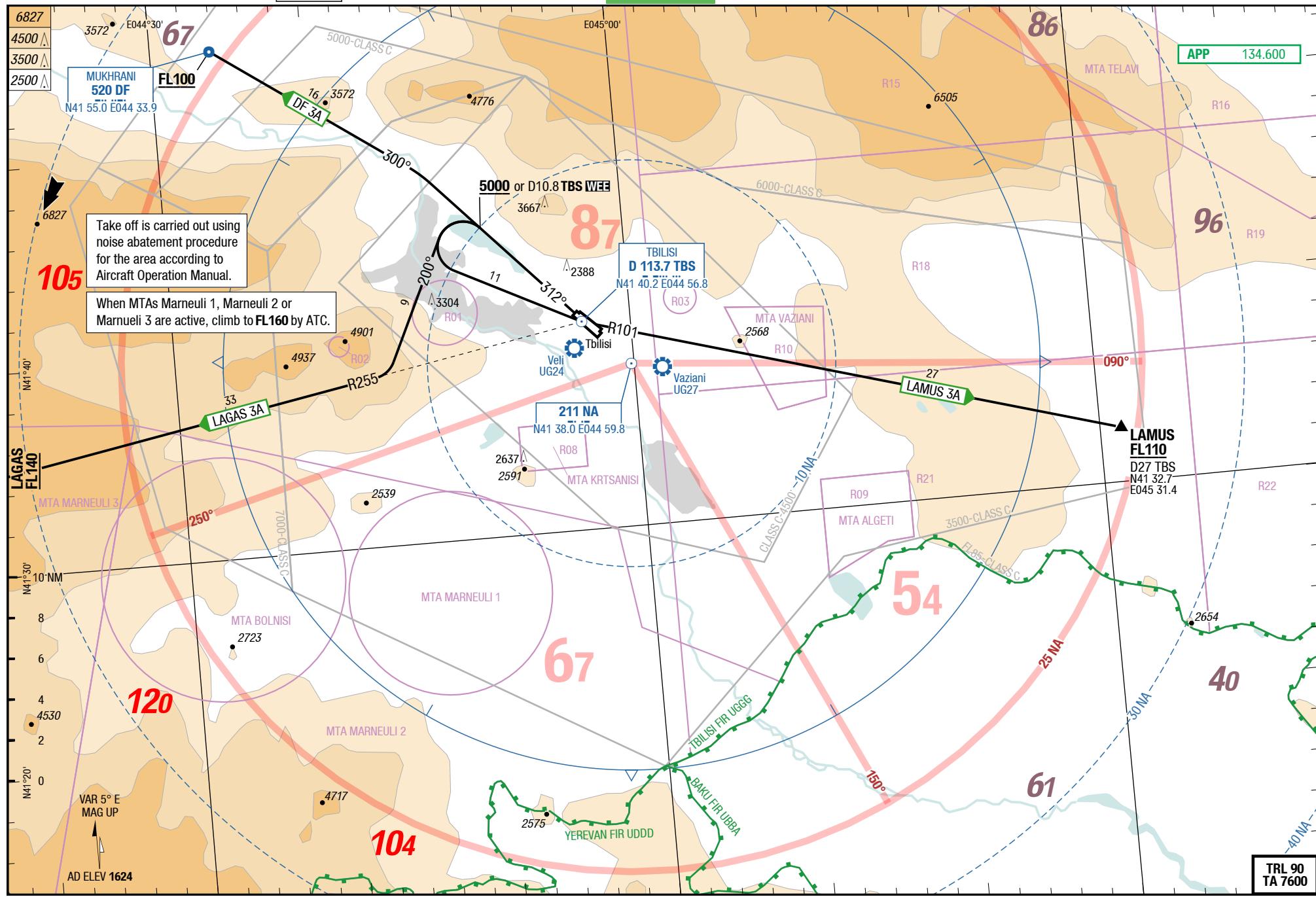
Georgia Tbilisi

SIDs RWY 31L

SID
SID

Tbilisi Georgia

SIDs RWY 31L



LAGAS 2A / LAMUS 4A / LAMUS 6A / MUKHRANI 4A / MUKHRANI 6A

RWY 13R (132°)

	GS	120	150	180	210	240	270
5.2%	ft/MIN	700	800	1000	1200	1300	1500
6.0%	ft/MIN	800	1000	1100	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13R	
LAGAS 2A 5.2% 134.600 ①	at MNM 2700 RT 300° intercept R255 TBS to LAGAS	LAGAS MNM FL140
LAMUS 4A 6.0% 134.600 ①	at MNM 3600 LT 086° to LAMUS	LAMUS MNM FL110
LAMUS 6A 134.600 ①	at MNM 2700 RT 312° - crossing R222 TBS RT to TBS - R101 TBS to LAMUS	LAMUS MNM FL110
MUKHRANI 4A DF 4A 134.600 ①	at MNM 3600 LT QDM 297 DF to DF	DF MNM FL100
MUKHRANI 6A DF 6A 134.600 ①	at MNM 2700 RT 312° - crossing R194 TBS RT QDM 320 DF to DF	DF MNM FL100

① When MTAs Marneuli 1, Marneuli 2 or Marneuli 3 are active, climb to FL160 by ATC.

LAGAS 3A / LAMUS 3A / MUKHRANI 3A

RWY 31L (312°)

	GS	120	150	180	210	240	270
5.1%	ft/MIN	700	800	1000	1100	1300	1400
5.4%	ft/MIN	700	900	1000	1200	1400	1500
6.0%	ft/MIN	800	1000	1100	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
Runway 31L		
LAGAS 3A 5.4% to 5000 5.1% to FL140 134.600 ①	at MNM 5000 or D10.8 TBS, whichever is earlier, LT 200° - intercept R255 TBS to LAGAS	LAGAS MNM FL140
LAMUS 3A 5.4% to 5000 134.600 ①	at MNM 5000 or D10.8 TBS, whichever is earlier, LT to TBS - LT intercept R101 TBS to LAMUS	LAMUS MNM FL110
MUKHRANI 3A DF 3A 6.0% 134.600 ①	at MNM 5000 or D10.8 TBS, whichever is earlier, LT QDM 300 DF to DF	DF MNM FL100

① When TMAs Marneuli 1, Marneuli 2 or Marneuli 3 are active, climb to FL160 by ATC.

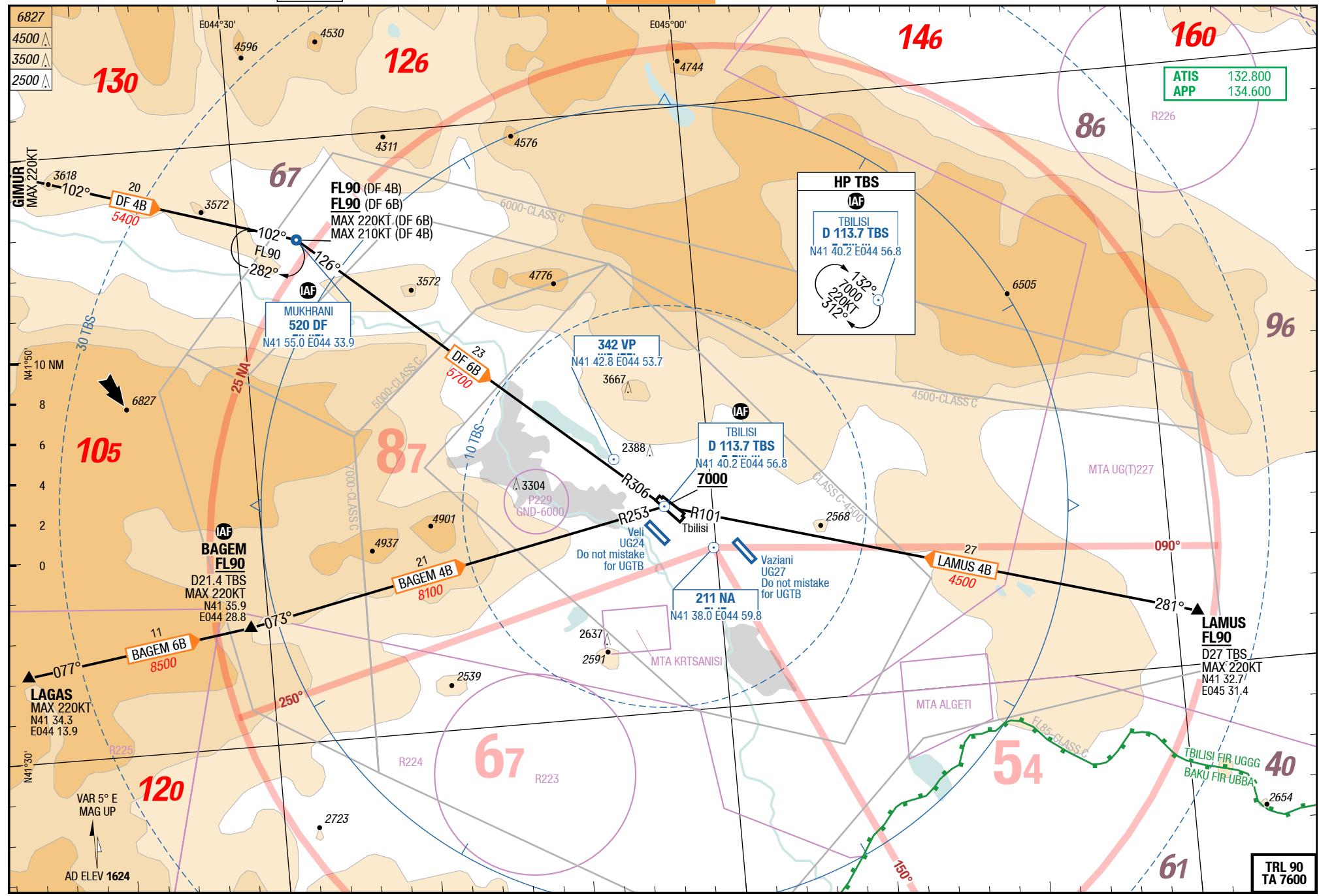
06-OCT-2016

TBS-UGTB

6-10

Georgia Tbilisi
STARs RWY 31L
STARs RWY 13R

Tbilisi Georgia
STARs RWY 31L
STARs RWY 13L



06-OCT-2016

TBS-UGTB

Georgia Tbilisi

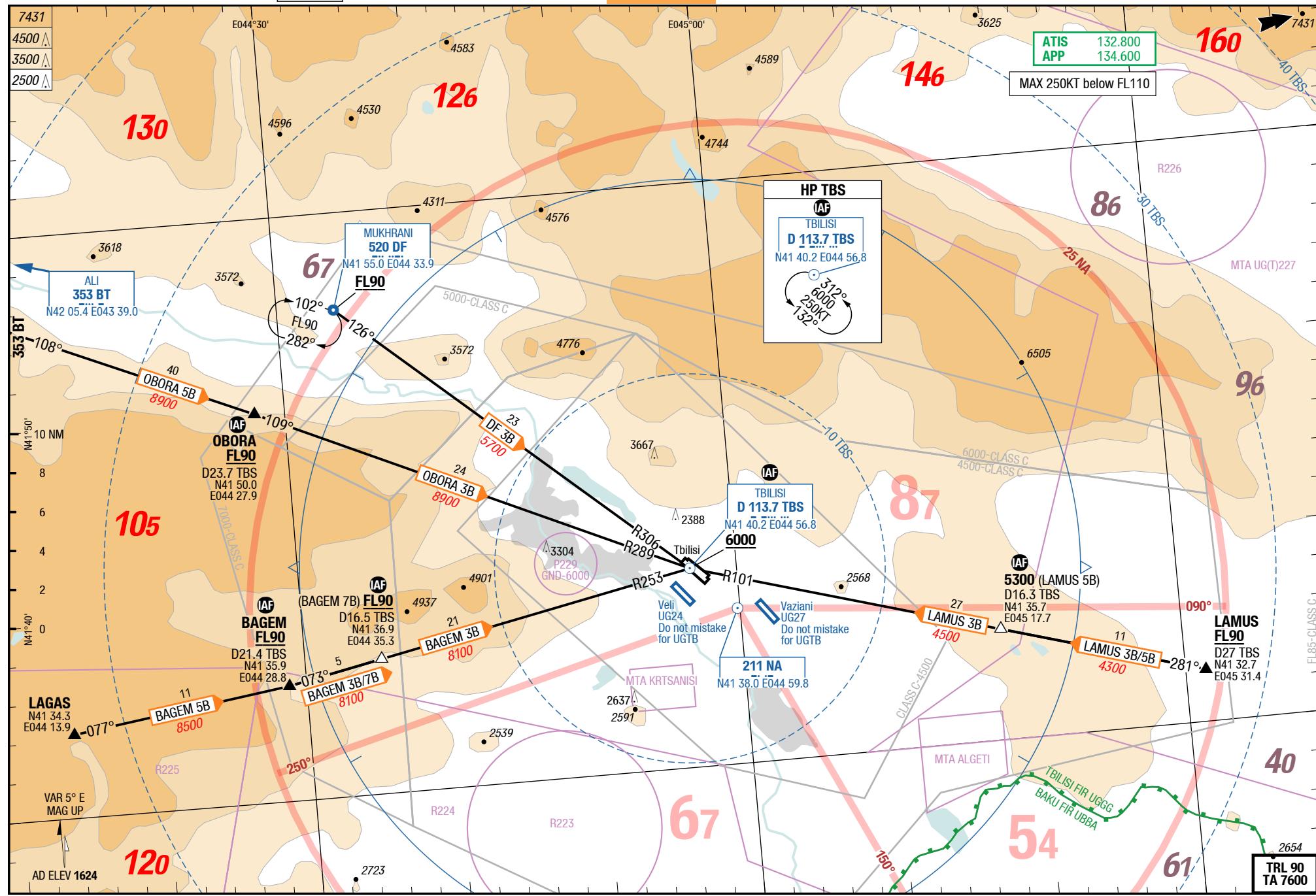
STARs RWY 31L

STAR

Tbilisi Georgia

STARs RWY 31L

6-20



12-JUL-2018
TBS-UGTB

7-10

Georgia Tbilisi
ILS DME or LOC 31L

IAC
IAC

Tbilisi Georgia
ILS DME or LOC 31L

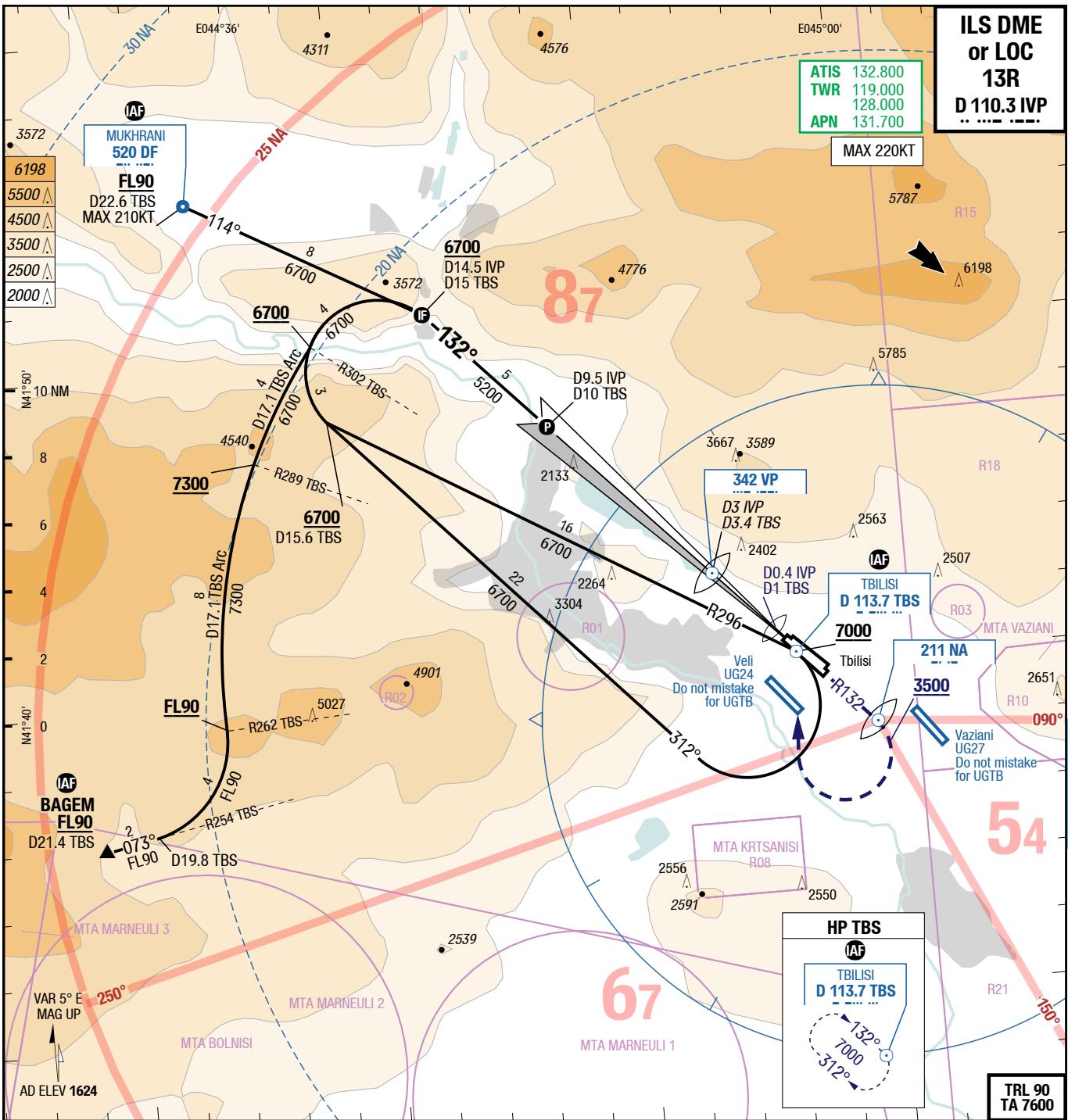
ILS DME
or LOC
13R
D 110.3 IVP

54

TRL 90
TA 7600

67

Changes: Completely revised



LOC 3.50° D IVP	13.6	12	10	8	6	4	(13R)	83.5° 3000 x 45	60 HL 15 HL
6700	6110	5370	4630	3880	3140				
D15 TBS	D14.1	D10	D9.5						
D14.5 IVP	D13.6	D0.4	IVP						
6700	D	P							
	132°								
	5200								
DIST to THR 15									
13R	Cat 1 DME	LOC DME							Circling
C	ft - m/km ft	220 - 1.2 1840	1290 - 5.0 2920						Not published
D	ft - m/km ft	220 - 1.2 1840	1290 - 5.0 2920						Not published

1) With EVS 800m

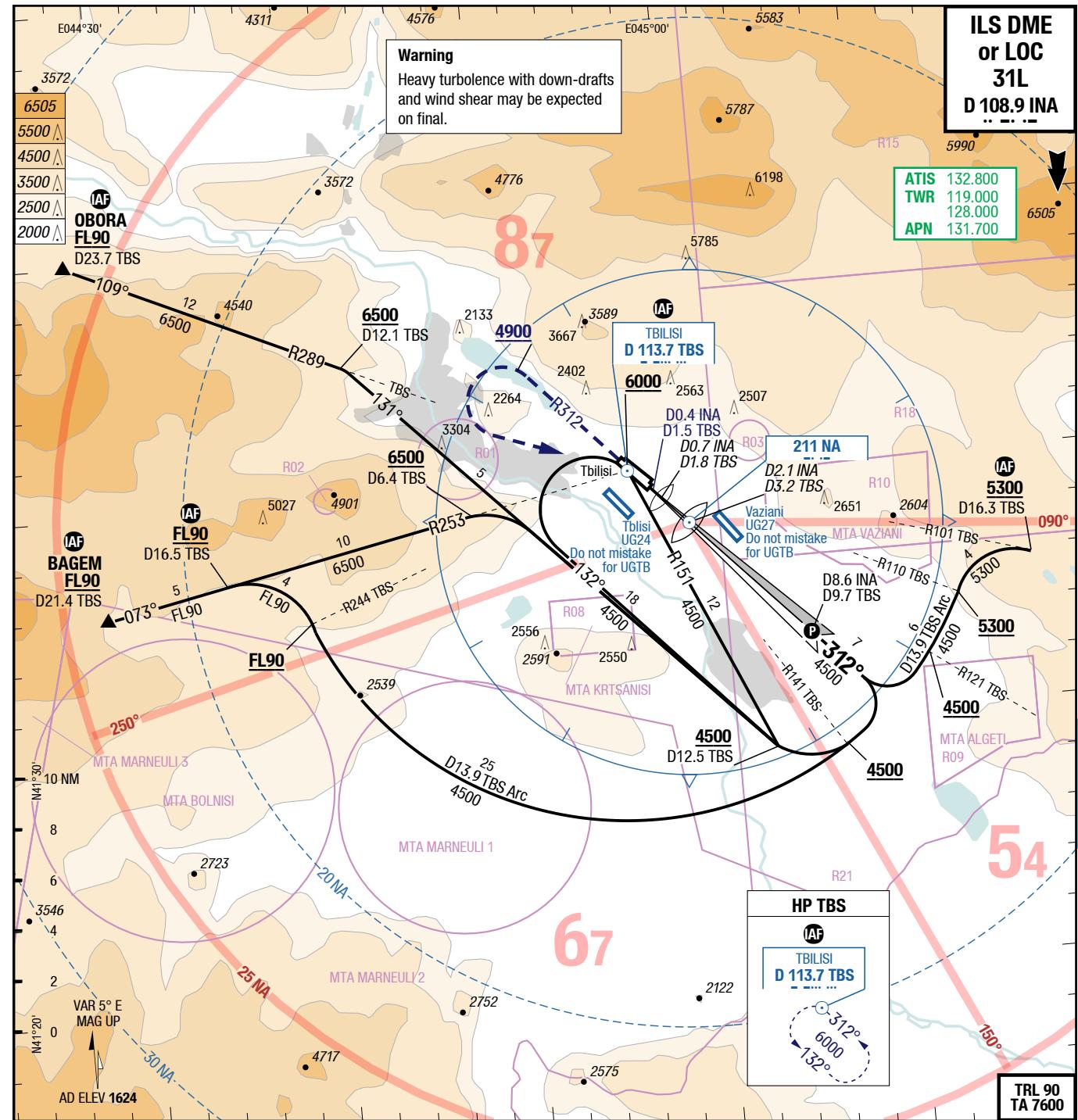
12-JUL-2018
TBS-UGTB

7-20

Georgia Tbilisi
ILS DME or LOC 31L

IAC
IAC

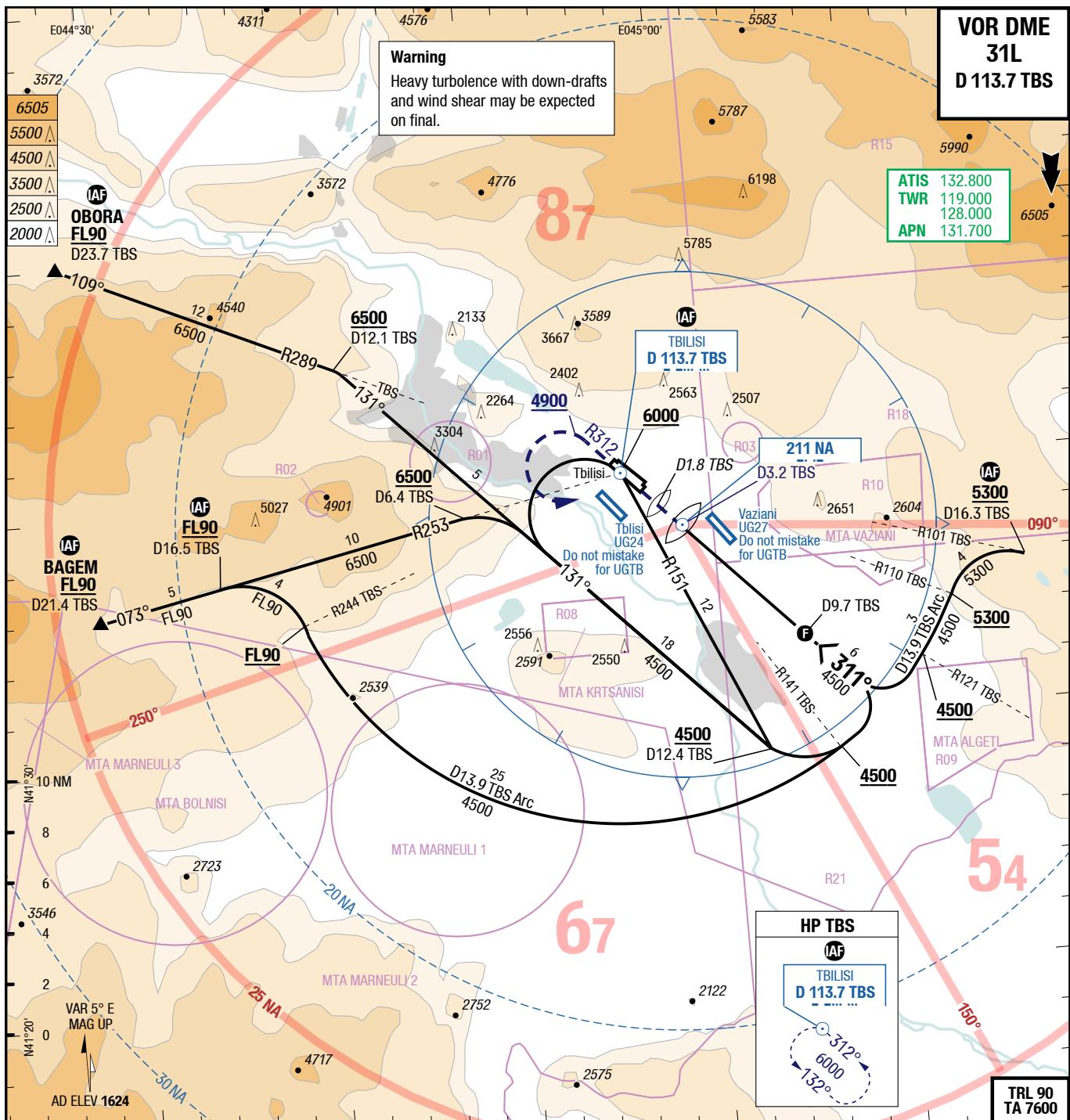
Tbilisi Georgia
ILS DME or LOC 31L



	3	4	5	6	7	8.6	LOC 3.20° D INA
	2610	2950	3290	3630	3970	4500	
R312 TBS at MMN 4900 LT to TBS climb 6000							
TBS	D1.5	D1.8	D3.2				D9.7 TBS
INA	D0.4	D0.7	D2.1	NA			D8.6 INA
31L							
GS	120	140	160				
D2.2 INA	680	790	910				
-MAPT	0.53	0.45	0.40				
31L	Cat 1 DME GA 3.3%	LOC DME GA 3.3%					Circling
C	ft - m/km ft	200 - 550 1780	570 - 1.9 2140				Not published
D	ft - m/km ft	200 - 550 1780	570 - 1.9 2140				Not published

12-JUL-2018
TBS-UGTB

Georgia Tbilisi
VOR DME 31L
IAC
IAC
VOR DME 31L
Tbilisi Georgia



	4	5	6	7	8	9.7	3.20° D TBS 311° RWY 312°
TBS	2600	2940	3280	3620	3960	4500	
D1.8							
D3.2							
NA							
31L							
R312 TBS at MNM 4900 LT to TBS climb 6000							
4500							
1820							
2320							
GS 120 140 160							
D9.7 TBS 680 790 910							
-MAPT 3:13 2:46 2:25							
MDA							
311° F 4500							
10 DIST to THR							
Circling							
31L							
VOR DME GA 3.3% ¹⁾							
C ft - m/km	770 - 2.4						
ft	2340						
D ft - m/km	770 - 2.4						
ft	2340						

1) Timing to determine MAPT NA

Effective 06-FEB-2014

30-JAN-2014

TBS-UGTB

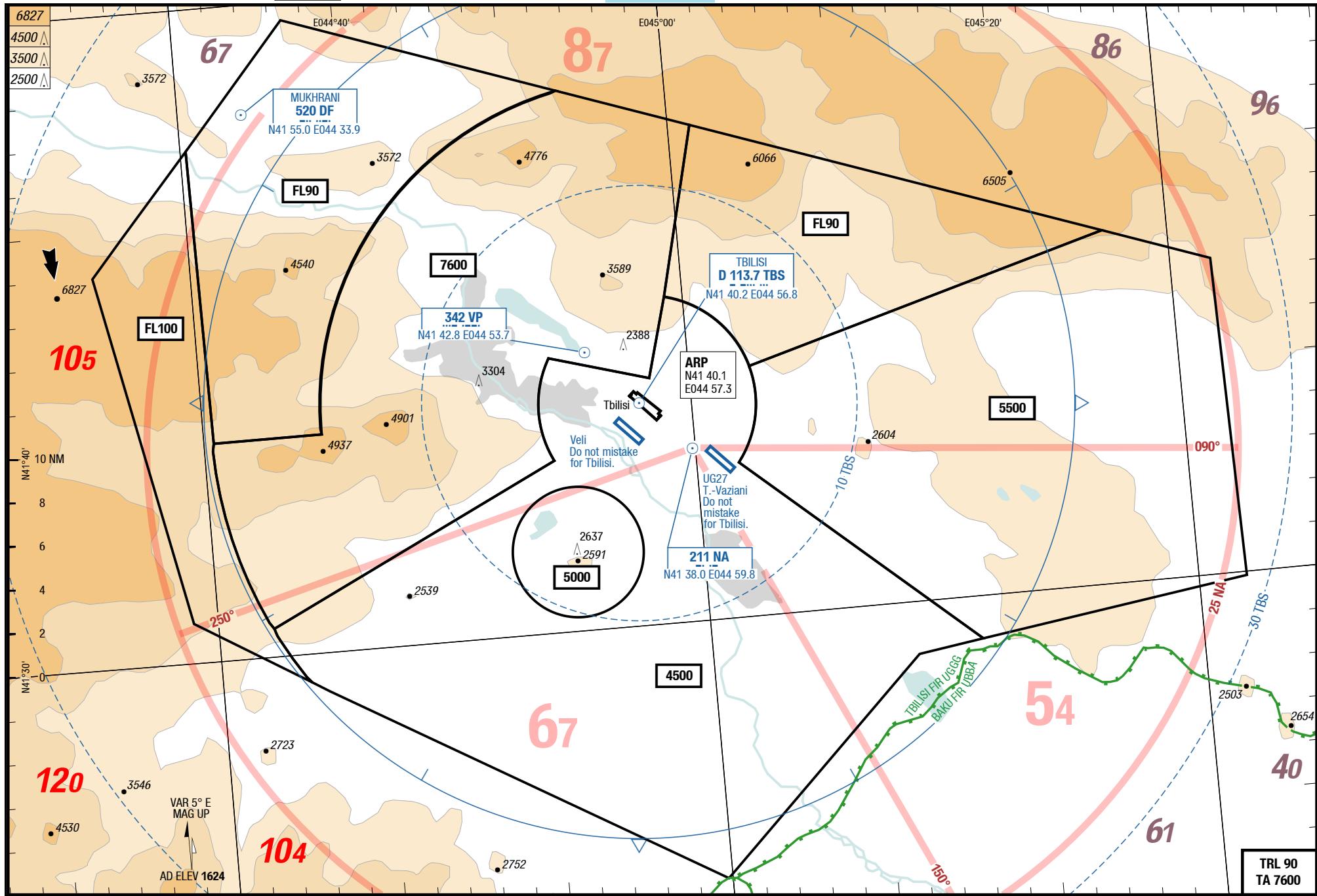
Georgia Tbilisi

MRC
MRC

Tbilisi Georgia

MRC

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Changes: RADAR SECT, FIR