

**ADD = Added chart, REV = Revised chart, DEL = Deleted chart.**

| ACT | PROCEDURE IDENT | INDEX | REV DATE | EFF DATE |
|-----|-----------------|-------|----------|----------|
|-----|-----------------|-------|----------|----------|

**No revision activity since Disc 22-2010**

# **TERMINAL CHART NOTAMs**

## **Chart NOTAMs for Airport UGTB**

**Type:** Terminal

**Effectivity:** Temporary

**Begin Date:** Immediately

**End Date:** Until Further Notice

Ufn ILS rwy 13R OM u/s.

**Type:** Terminal

**Effectivity:** Temporary

**Begin Date:** Immediately

**End Date:** Until Further Notice

Rwy 13L/31R clsd, avbl for parking btn twy E and F for acft 136t or above; swys 13R/31L and twy F clsd, taxiing from stands 1, 2, 6, 10 and 14 by towing only, and eff 26 Aug 10 stands 15-16, 20-22, 26, 27, 44 and 47-49 also by towing only.

**General Info**

Tbilisi, GEO

N 41° 40.1' E 44° 57.3' Mag Var: 5.0°E

Elevation: 1624'

Public, IFR, Control Tower, Customs

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine, Major Airframe, Major Engine

Time Zone Info: GMT+4:00 no DST

**Runway Info**

Runway 13R-31L 9843' x 148' concrete

Runway 13R (132.0°M) TDZE 1624'

Lights: Edge, Centerline, TDZ

Stopway Distance 197'

Runway 31L (312.0°M) TDZE 1572'

Lights: Edge, ALS, Centerline, TDZ

Stopway Distance 197'

**Communications Info**ATIS **132.8**Tbilisi Tower **128.0**Tbilisi Apron Ramp/Taxi Control **131.7**Tbilisi Approach Control **127.2**Tbilisi Information **124.15****Notebook Info**

UGTB/TBS  
TBILISI



16 FEB 07

10-1R

**TBILISI, GEORGIA**

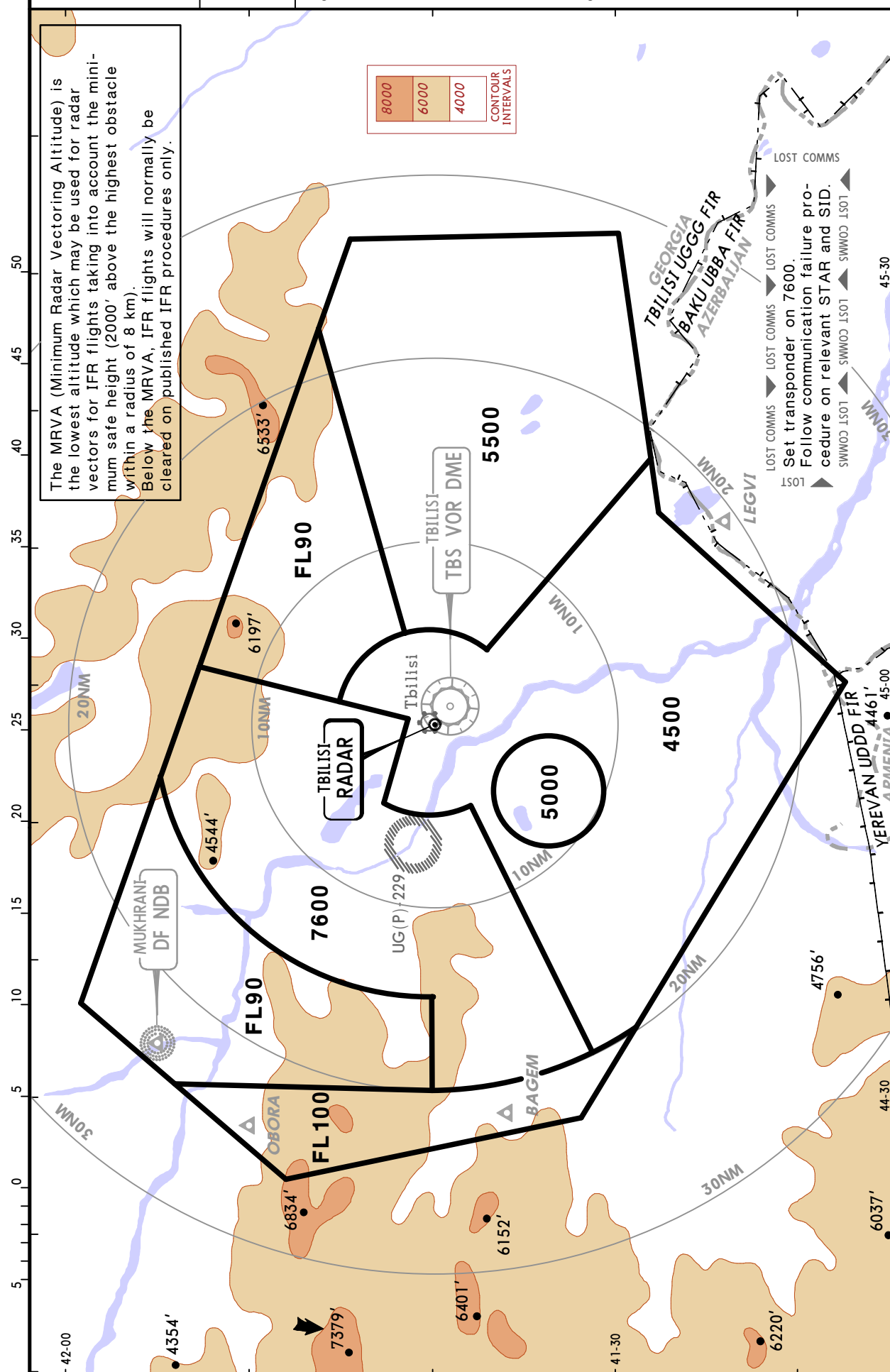
## RADAR MINIMUM ALTITUDES

TBILISI Approach (R)

Apt Elev  
1624'

Alt Set: hPa    Trans level: FL90    Trans alt: 7600'

The chart may only be used for cross-checking of altitudes assigned while under radar vectoring.



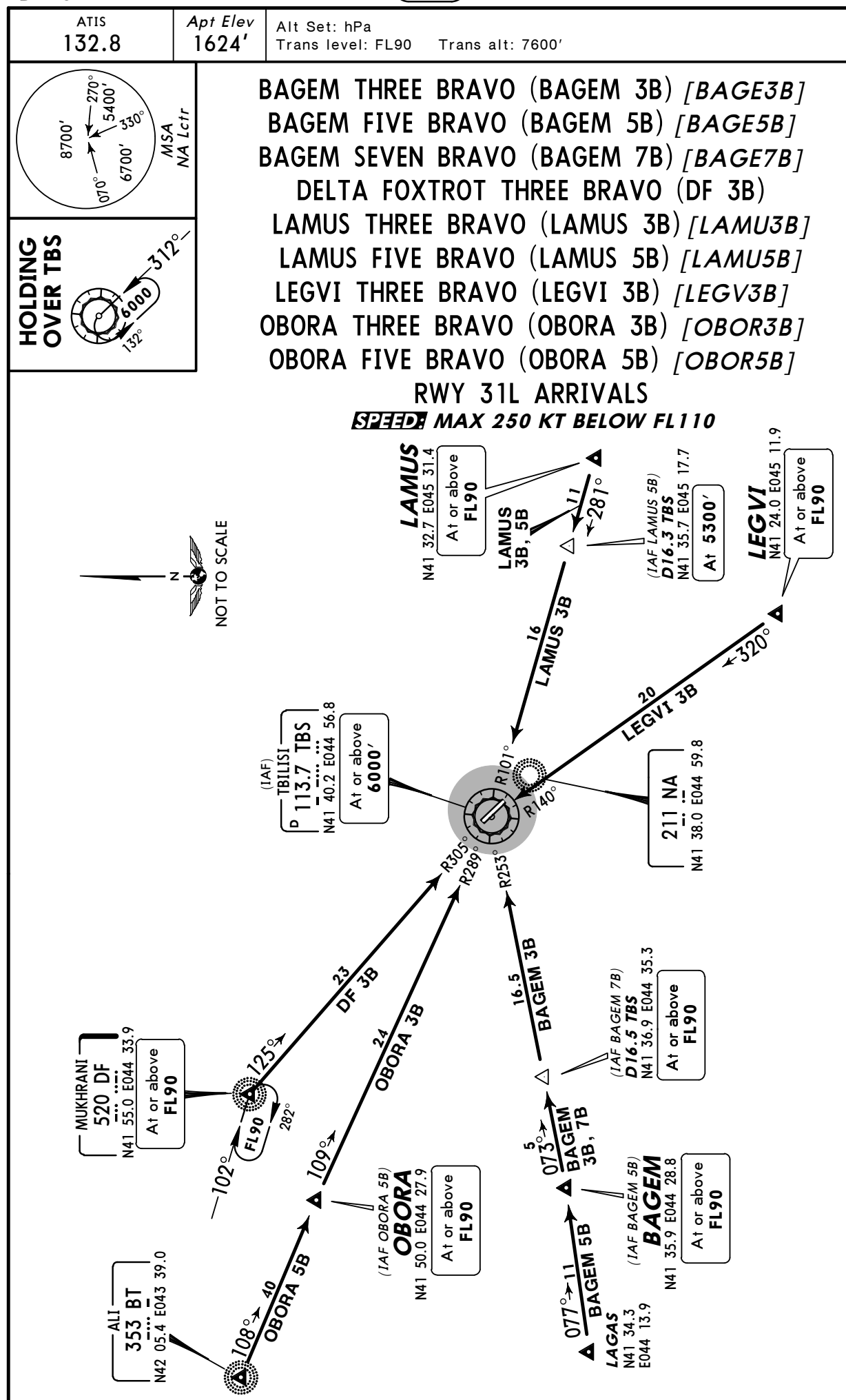
**CHANGES:** Sectors; restrictions.

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**UGTB/TBS**  
**TBILISI**

**JEPPesen**  
11 DEC 09 **10-2** Eff 17 Dec

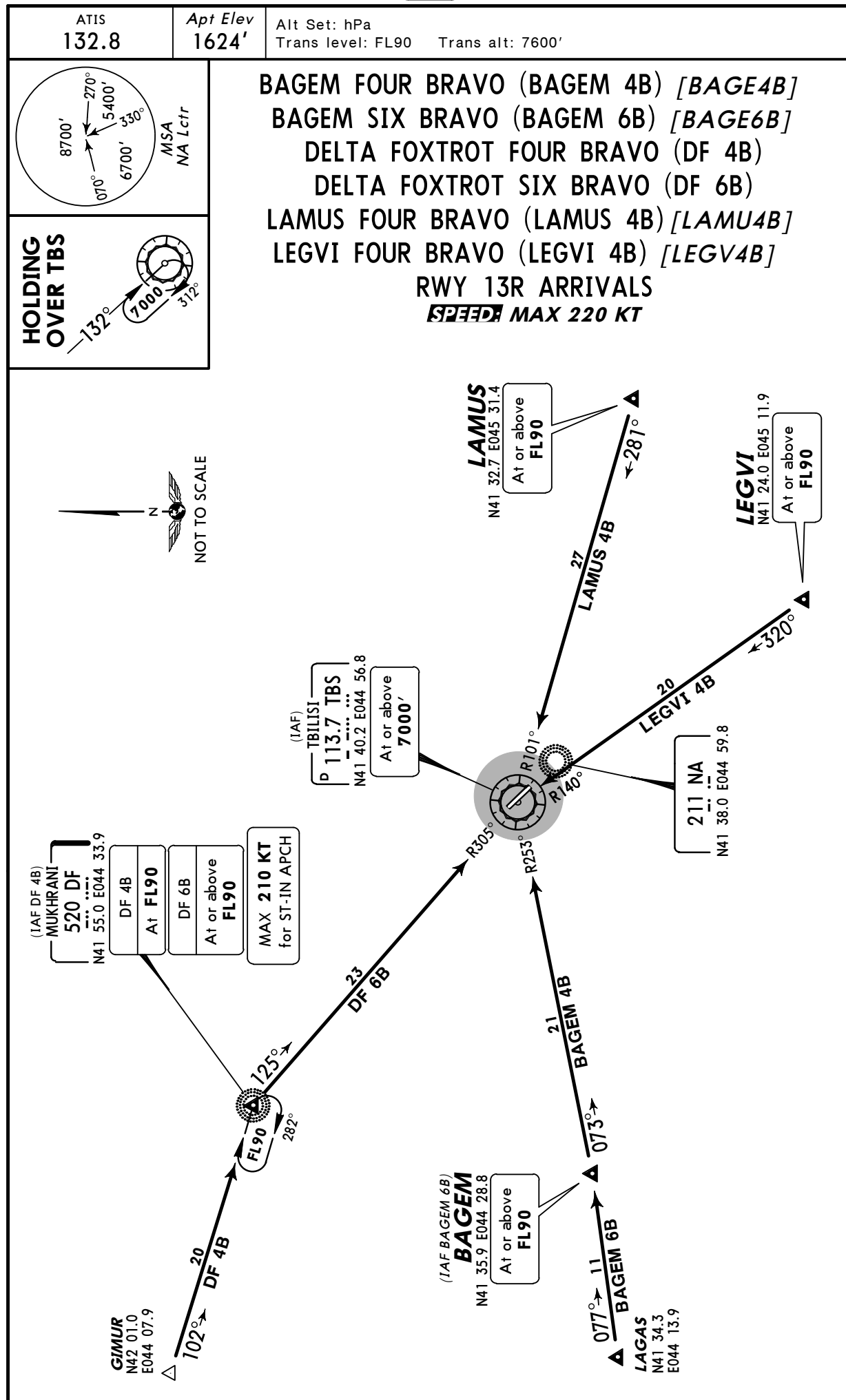
**TBILISI, GEORGIA**  
**STAR**



UGTB/TBS  
 TBILISI

**JEPPESSEN**  
 11 DEC 09 **10-2A** Eff 17 Dec

**TBILISI, GEORGIA**  
**STAR**



**UGTB/TBS**  
**TBILISI**

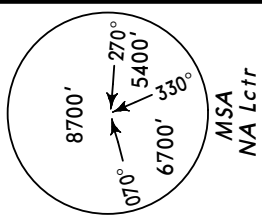
**JEPPESSEN**  
14 AUG 09 **10-3** **Eff 27 Aug**

**TBILISI, GEORGIA**

**SID**

**Apt Elev**  
**1624'**

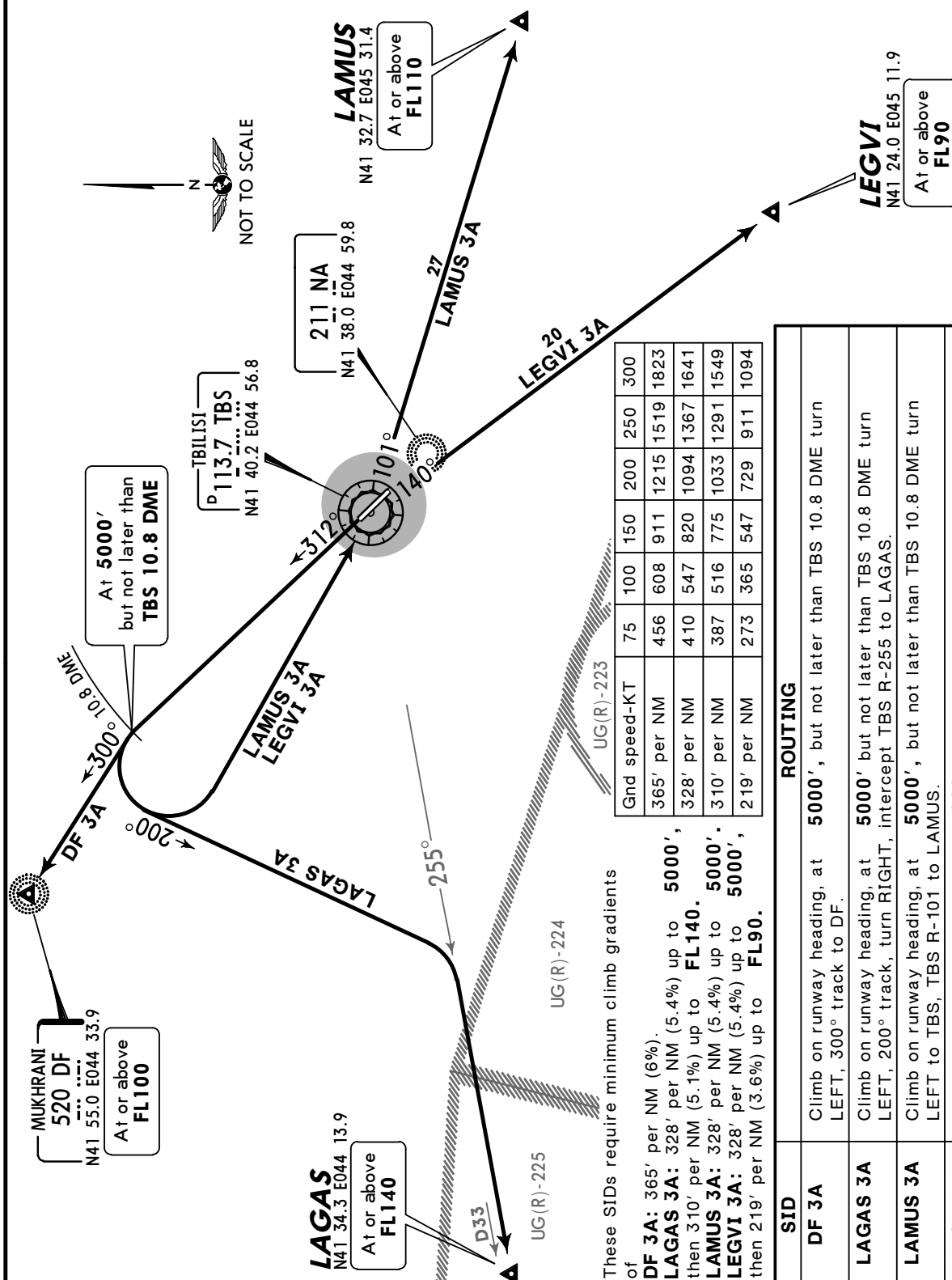
Trans level: FL90 Trans alt: 7600'  
Take-off to be carried out with noise abatement procedures according to Flight Operation Manual.



**DELTA FOXTROT THREE ALFA (DF 3A)**  
**LAGAS THREE ALFA (LAGAS 3A) [LAGA3A]**  
**LAMUS THREE ALFA (LAMUS 3A) [LAMU3A]**  
**LEGVI THREE ALFA (LEGVI 3A) [LEGV3A]**

**RWY 31L DEPARTURES**

WHEN UG(R)-223, UG(R)-224 OR UG(R)-225  
ARE ACTIVE CLIMB TO FL160 BY ATC

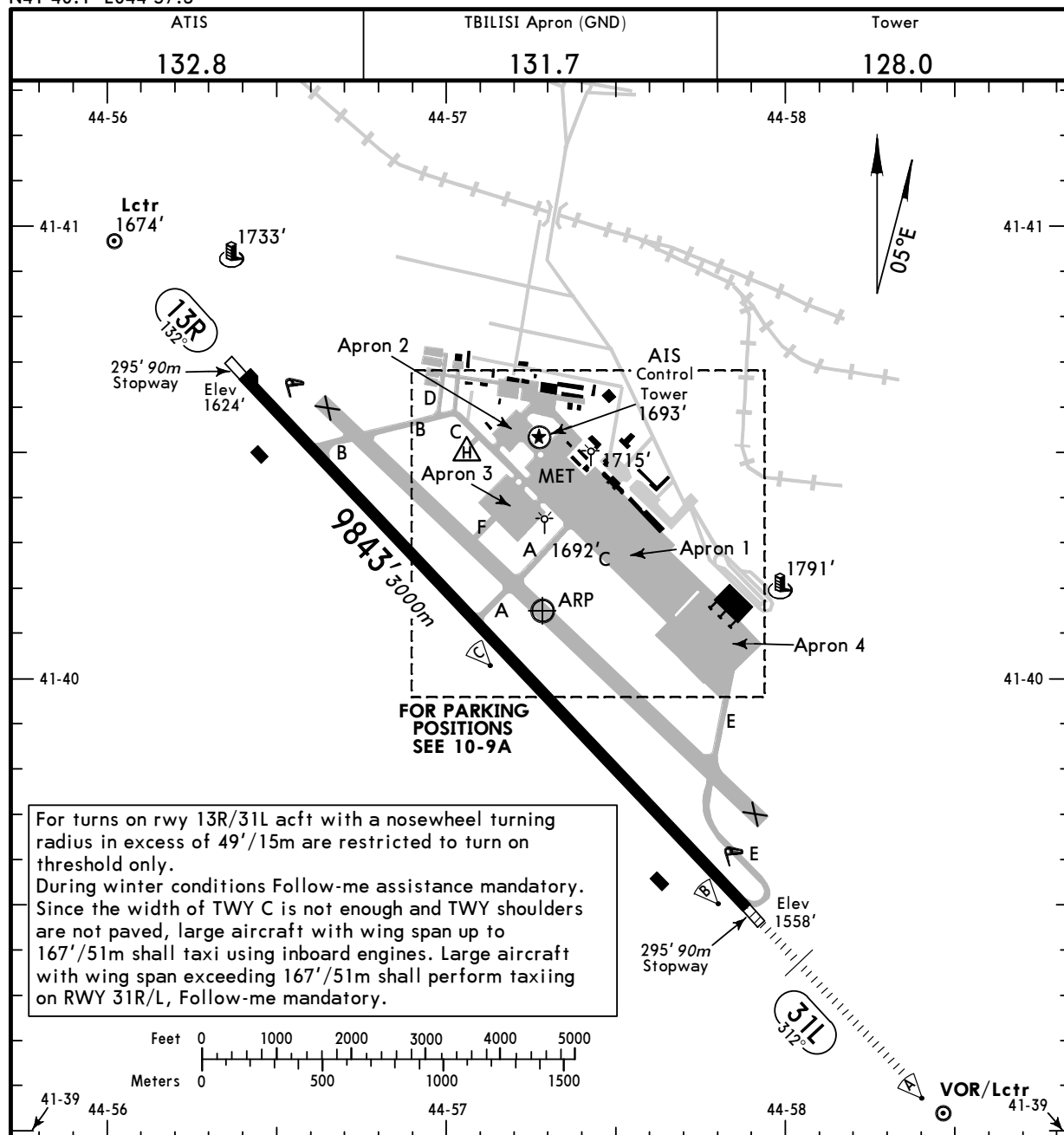




**UGTB/TBS**  
Apt Elev **1624'**  
N41 40.1 E044 57.3

**JEPPESSEN**  
3 JUL 09 **(10-9)**

**TBILISI, GEORGIA**  
TBILISI



**ADDITIONAL RUNWAY INFORMATION**

| RWY |                                                  | USABLE LENGTHS |                               | TAKE-OFF | WIDTH |
|-----|--------------------------------------------------|----------------|-------------------------------|----------|-------|
|     |                                                  | Threshold      | Landing Beyond<br>Glide Slope |          |       |
| 13R | HIRL (60m) CL (15m) TDZ PAPI-L (3.50°) RVR       |                | 8871' 2704m                   |          | 148'  |
| 31L | HIRL (60m) CL (15m) HIALS TDZ PAPI-L (3.17°) RVR |                | 8992' 2741m                   |          | 45m   |
|     |                                                  |                |                               |          |       |
|     |                                                  |                |                               |          |       |

**JAR-OPS**

**TAKE-OFF 1**

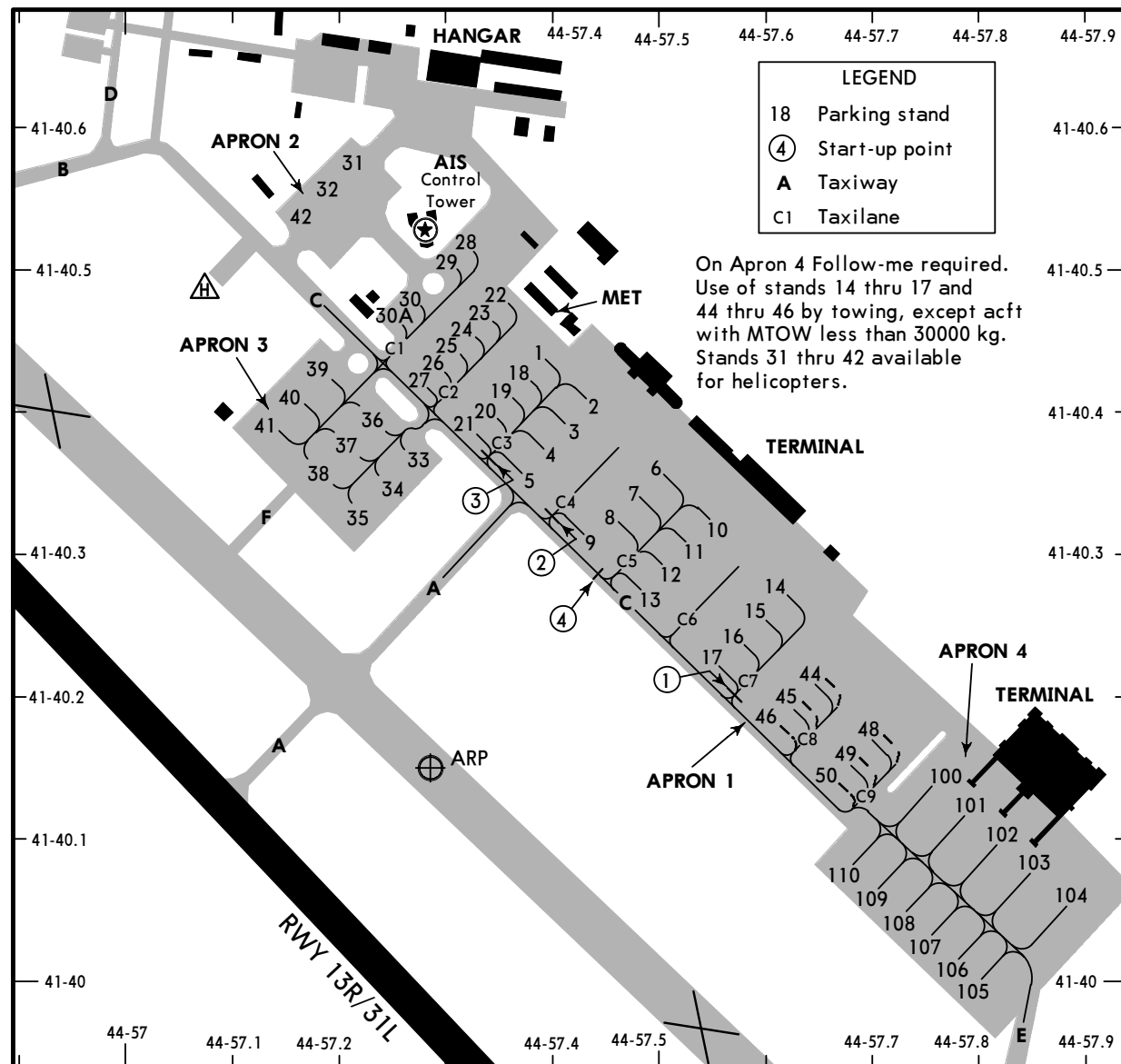
| All Rwys           |                          |                        |         |                       |                       |                |
|--------------------|--------------------------|------------------------|---------|-----------------------|-----------------------|----------------|
| Approved Operators |                          | LVP must be in force   |         |                       |                       |                |
|                    | HIRL, CL & mult. RVR req | RL, CL & mult. RVR req | RL & CL | RCLM (DAY only) or RL | RCLM (DAY only) or RL | NIL (DAY only) |
| A                  |                          |                        |         |                       |                       |                |
| B                  | 125m                     | 150m                   | 200m    | 250m                  | 400m                  | 500m           |
| C                  |                          |                        |         |                       |                       |                |
| D                  | 150m                     | 200m                   | 250m    | 300m                  |                       |                |

**1** Operators applying U.S. Ops Specs: CL required below 300m; approved guidance system required below 150m.

UGTB/TBS

3 JUL 09 **JEPPESEN**  
**10-9A****TBILISI, GEORGIA**

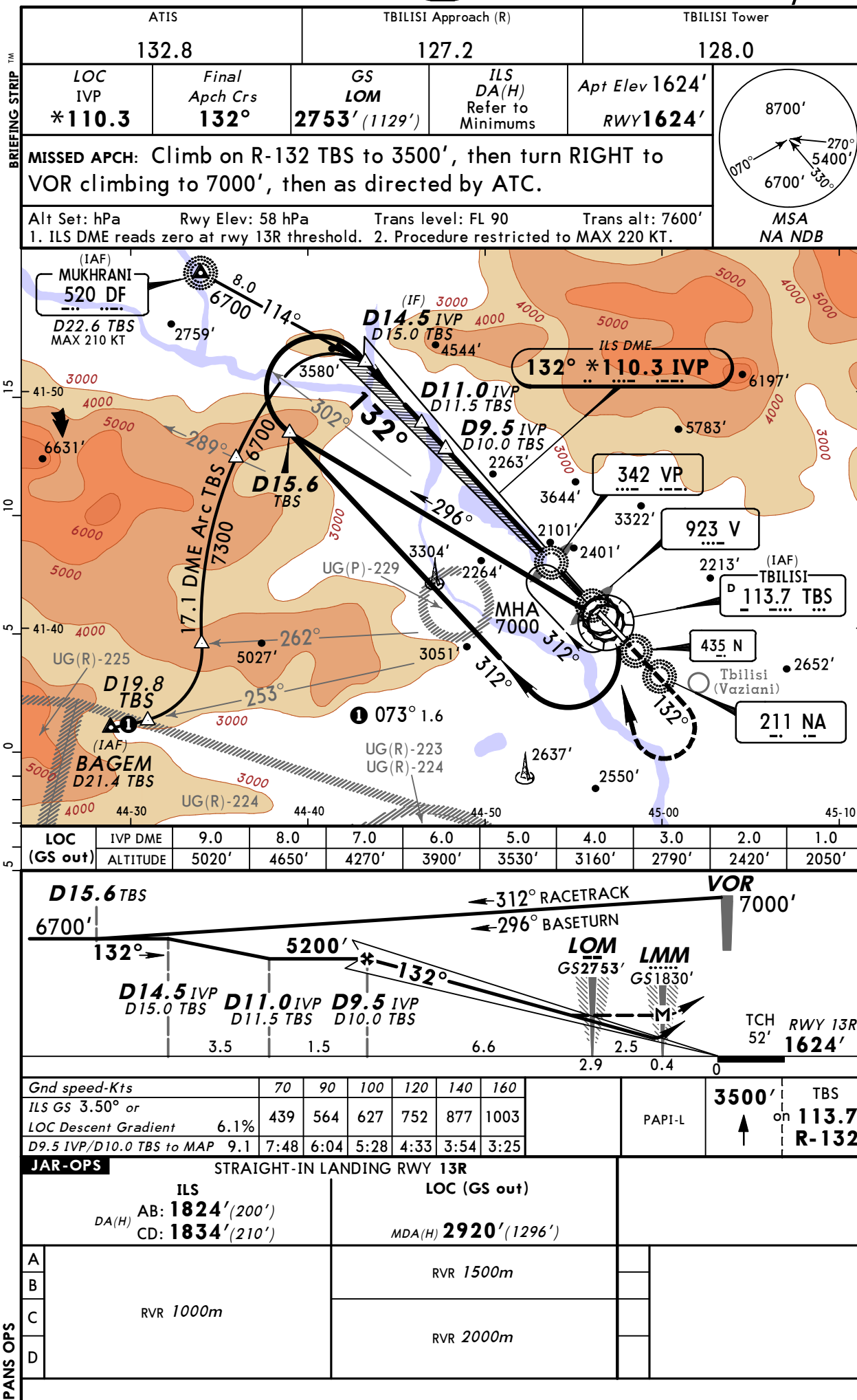
TBILISI



**UGTB/TBS**  
**TBILISI**

**JEPPESSEN**  
11 DEC 09 **11-1** Eff 17 Dec

**TBILISI, GEORGIA**  
**ILS DME Rwy 13R**



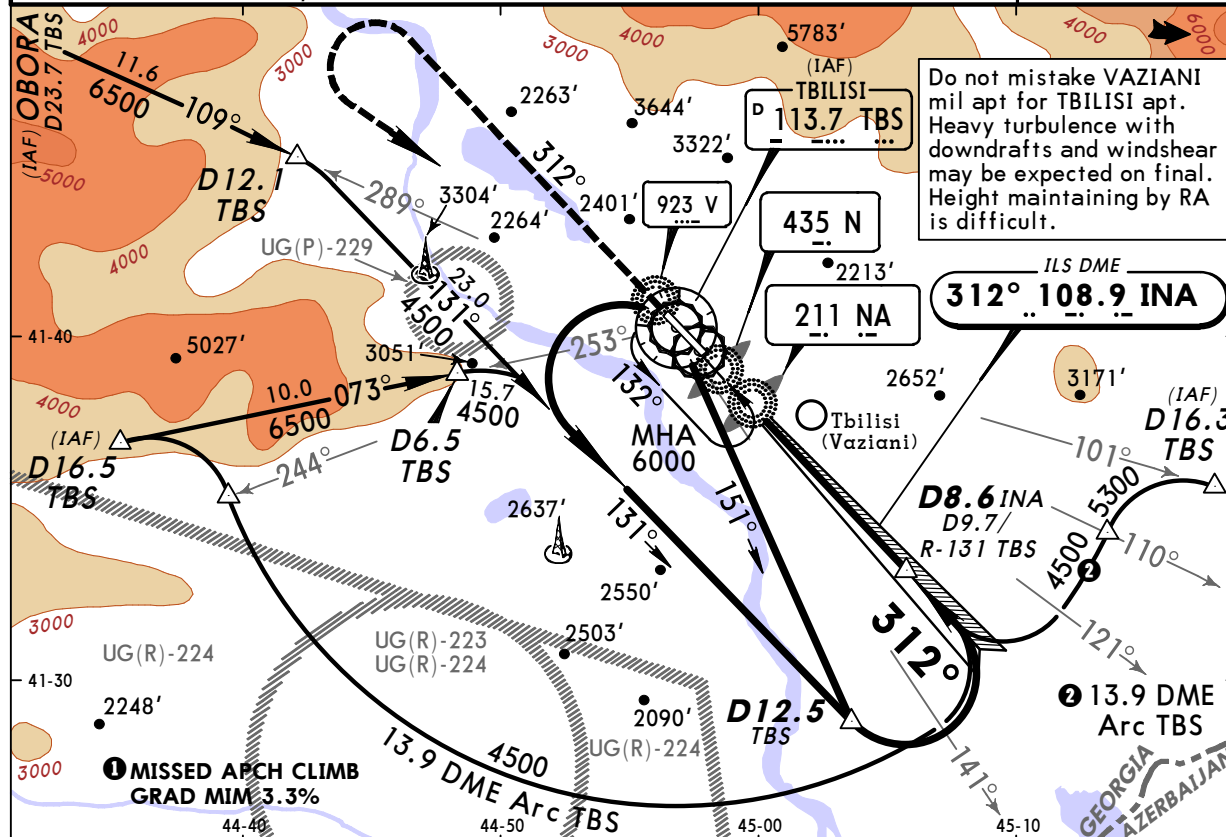
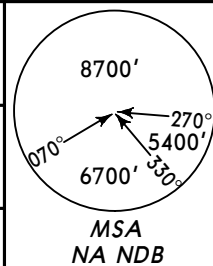
# UGTB/TBS TBILISI

**JEPPesen**  
11 DEC 09 **(11-2)** Eff 17 Dec

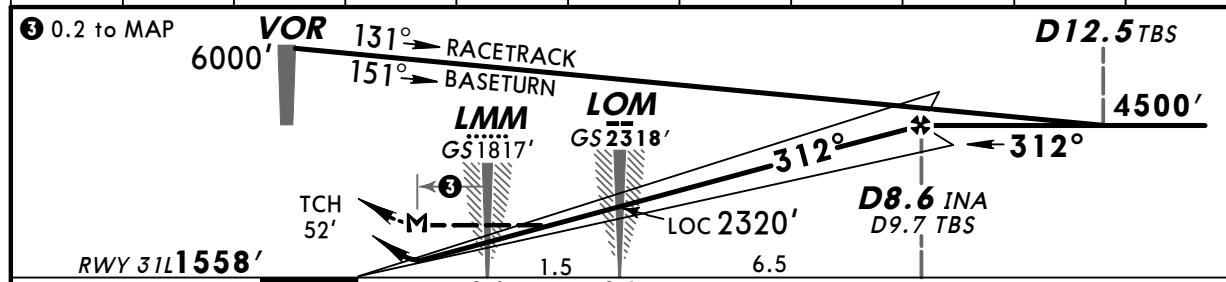
# TBILISI, GEORGIA ILS DME Rwy 31L

BRIEFING STRIP

| ATIS                                                                                                             |                           | TBILISI Approach (R)      |                              | TBILISI Tower  |  |
|------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|------------------------------|----------------|--|
| 132.8                                                                                                            |                           | 127.2                     |                              | 128.0          |  |
| LOC<br>INA<br>108.9                                                                                              | Final<br>Apch Crs<br>312° | GS<br>LOM<br>2318' (760') | ILS<br>DA(H)<br>1758' (200') | Apt Elev 1624' |  |
| MISSED APCH: Climb on R-312 TBS to 4900', then turn LEFT to VOR climbing to 6000', then then as directed by ATC. |                           |                           |                              |                |  |
| Alt Set: hPa                                                                                                     |                           | Rwy Elev: 56 hPa          | Trans level: FL 90           |                |  |
| ILS DME reads zero at rwy 31L threshold.                                                                         |                           | Trans alt: 7600'          |                              | MSA<br>NA NDB  |  |



| LOC      | INA DME  | 1.0   | 2.0   | 3.0   | 4.0   | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   |
|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (GS out) | ALTITUDE | 1950' | 2290' | 2620' | 2960' | 3290' | 3630' | 3960' | 4300' | 4640' |



| Gnd speed-Kts                                | 70  | 90   | 100  | 120  | 140  | 160  | HIALS | 4900' | TBS          |
|----------------------------------------------|-----|------|------|------|------|------|-------|-------|--------------|
| ILS GS 3.20° or<br>LOC Descent Gradient 5.6% | 401 | 516  | 574  | 688  | 803  | 918  | PAPI  | ↑     | on 113.7     |
| D8.6 INA/D9.7 TBS to MAP                     | 8.2 | 7:02 | 5:28 | 4:55 | 4:06 | 3:31 |       |       | <b>R-312</b> |

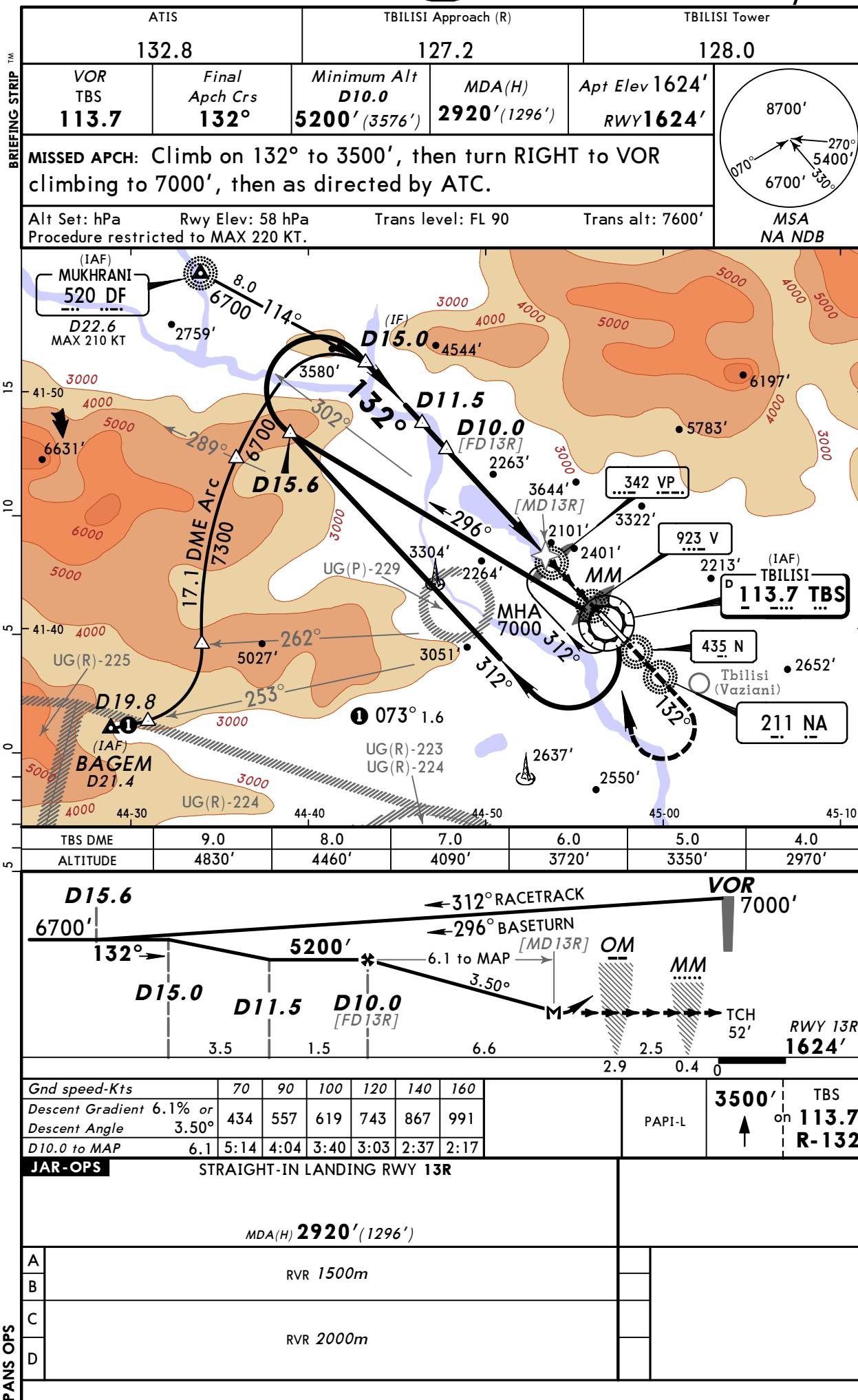
| JAR-OPS            |          | STRAIGHT-IN LANDING RWY 31L     |           |  |           |         |  |
|--------------------|----------|---------------------------------|-----------|--|-----------|---------|--|
|                    |          | Missed apch climb grad mim 3.3% |           |  |           |         |  |
| ILS                |          | LOC (GS out)                    |           |  |           |         |  |
| DA(H) 1758' (200') |          | MDA(H) 2140' (582')             |           |  |           |         |  |
| FULL               |          | ALS out                         |           |  |           | ALS out |  |
| A                  | RVR 550m | RVR 1000m                       | RVR 1000m |  | RVR 1500m |         |  |
| B                  |          |                                 |           |  |           |         |  |
| C                  |          |                                 | RVR 1200m |  |           |         |  |
| D                  |          |                                 | RVR 1600m |  | RVR 2000m |         |  |

PANS OPS

**UGTB/TBS**  
**TBILISI**

**JEPPesen**  
11 DEC 09 **13-1** Eff 17 Dec

**TBILISI, GEORGIA**  
**VOR DME Rwy 13R**

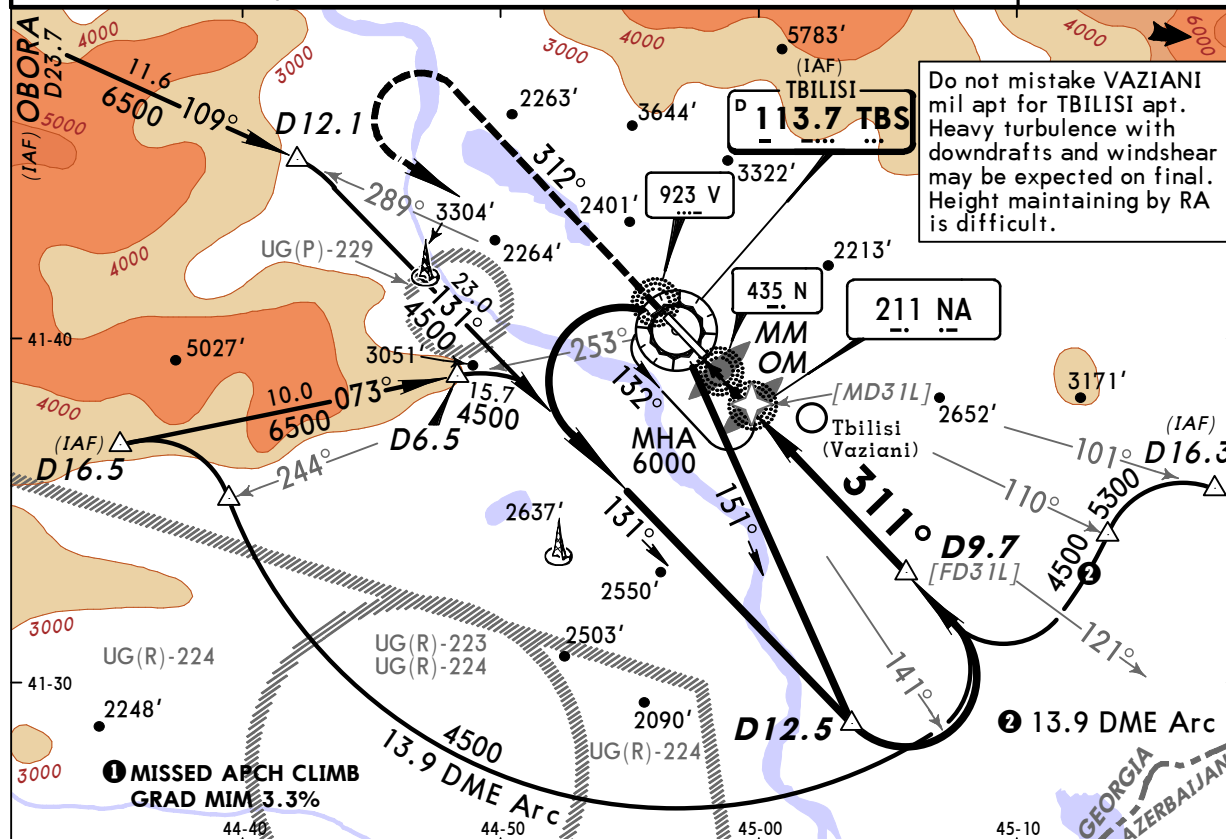


**UGTB/TBS**  
**TBILISI**

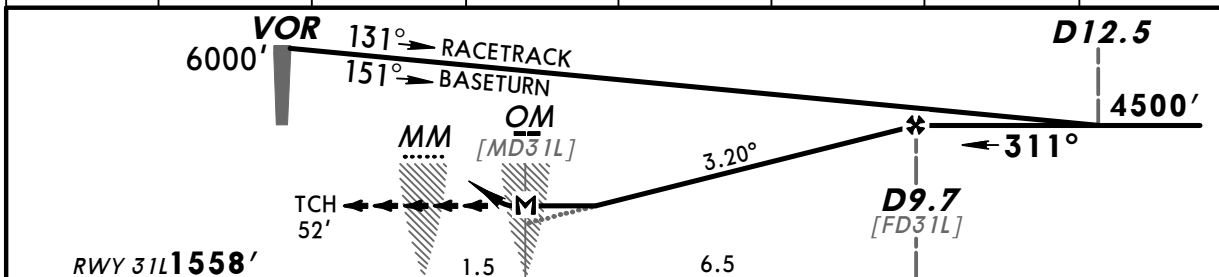
**JEPPESEN**  
11 DEC 09 (13-2) Eff

TBILISI, GEORGIA  
① VOR DMÉ Rwy 31L

|                                                                                                                           |                           |                                      |                        |                             |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|------------------------|-----------------------------|-----------------------------------------------------------------------------------|
| ATIS                                                                                                                      |                           | TBILISI Approach (R)                 |                        | TBILISI Tower               |                                                                                   |
| 132.8                                                                                                                     |                           | 127.2                                |                        | 128.0                       |                                                                                   |
| VOR<br>TBS<br>113.7                                                                                                       | Final<br>Apch Crs<br>311° | Minimum Alt<br>D9.7<br>4500' (2942') | MDA(H)<br>2340' (782') | Apt Elev 1624'<br>RWY 1558' | <p>8700'<br/>270°<br/>5400'<br/>330°<br/>6700'<br/>070°</p> <p>MSA<br/>NA NDB</p> |
| <p><b>MISSED APCH:</b> Climb on 312° to 4900', then turn LEFT to VOR climbing to 6000', then then as directed by ATC.</p> |                           |                                      |                        |                             |                                                                                   |
| Alt Set: hPa                                                                                                              |                           | Rwy Elev: 56 hPa                     | Trans level: FL 90     | Trans alt: 7600'            |                                                                                   |



|          |       |       |       |       |       |       |       |
|----------|-------|-------|-------|-------|-------|-------|-------|
| TBS DME  | 3.0   | 4.0   | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   |
| ALTITUDE | 2260' | 2600' | 2930' | 3260' | 3600' | 3940' | 4270' |



|                                                  |  |      |      |      |      |      |      |  |  |      |  |       |  |          |     |
|--------------------------------------------------|--|------|------|------|------|------|------|--|--|------|--|-------|--|----------|-----|
|                                                  |  | 0    | 0.6  | 2.1  |      |      |      |  |  |      |  | HIALS |  | 4900'    | TBS |
| Gnd speed-Kts                                    |  | 70   | 90   | 100  | 120  | 140  | 160  |  |  | PAPI |  |       |  | on 113.7 |     |
| Descent Gradient 5.59% or<br>Descent Angle 3.20° |  | 396  | 510  | 566  | 679  | 793  | 906  |  |  |      |  |       |  | R-312    |     |
| D9.7 to MAP 6.5                                  |  | 5:34 | 4:20 | 3:54 | 3:15 | 2:47 | 2:26 |  |  |      |  |       |  |          |     |

**JAR-OPS** STRAIGHT-IN LANDING RWY 31L  
Missed apch climb grad mim 3.3%

$MDA_{(H)}$  **2340'** (782')

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ALS out

|   |           |           |  |
|---|-----------|-----------|--|
| A | RVR 1200m | RVR 1500m |  |
| B | RVR 1400m |           |  |
| C |           | RVR 2000m |  |
| D | RVR 1800m |           |  |

**CHANGES:** Arrival routes.

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