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AIP GEORGIA

SAKAERONAVIGATSIA

AIRAC AIP AMENDMENT

03/26

Effective date: 09 JUL 2026
Publication date: 28 MAY 2026

AIRAC AMDT 03/26

1 Significant information and changes:

PART 1 - GEN

GEN 0.2 - Record of AIP Amendments
Information updated.
GEN 0.3 - Record of AIP Supplements
Information updated.
GEN 0.4 - Checklist of AIP pages
Information updated.
GEN 3.2 - Aeronautical charts
UGTB-VAC scale updated.

PART 2 - ENR

ENR 3.1 - Conventional navigation routes
NDB DF coordinates updated.
ENR 3.2 - Area navigation routes
TBS DME Elevation updated, NDB DF coordinates updated.
ENR 4.1 - Radio navigation aids - en-route
NDB DF coordinates and TBS DME elevation updated.
ENR 5.1 - Prohibited, Restricted and Danger Areas
UGR22 html presentation updated, content not affected.
ENR 6 - En-route Charts
Charts ENR 6-3, ENR 6-5 and ENR 6-15-1 updated.

PART 3 - AD

UGKO AD 2.18 - Air traffic services communication facilities
UGKO ATIS added.
UGKO AD 2.24 - Charts related to an aerodrome
Charts updated.
UGSA AD 2.24 - Charts related to an aerodrome
Chart VAC updated.
UGSB AD 2.18 - Air traffic services communication facilities
UGSB ATIS added.
UGSB AD 2.24 - Charts related to an aerodrome
Charts updated.
UGTB AD 2.19 - Radio navigation and landing aids
TBS DME Elevation updated, NDB DF coordinates updated.
UGTB AD 2.24 - Charts related to an aerodrome
Charts ARC, ATCSMAC-1, SIDs, STARs and VAC updated.

This Amendment is issued together with AIC A 08/26.

2 NOTAM incorporated in this Amendment:

G0203/26, G0204/26, which will be cancelled on 23 JUL 2026.

3 AIP SUP incorporated in this Amendment:

NIL

AMENDED PAGES

To be removed		
GEN		
	GEN 0.2-1	16 APR 2026
	GEN 0.3-1	16 APR 2026
	GEN 0.4-1	16 APR 2026
	GEN 0.4-2	16 APR 2026
	GEN 0.4-3	16 APR 2026
	GEN 3.2-5	02 OCT 2025
ENR		
	ENR 3.1-2	07 AUG 2025
	ENR 3.2-1	07 AUG 2025
	ENR 3.2-2	16 APR 2026
	ENR 3.2-4	16 APR 2026
	ENR 3.2-5	07 AUG 2025
	ENR 3.2-6	16 APR 2026
	ENR 3.2-7	07 AUG 2025
	ENR 3.2-8	16 APR 2026
	ENR 3.2-9	07 AUG 2025
	ENR 3.2-10	07 AUG 2025
	ENR 3.2-11	07 AUG 2025
	ENR 4.1-1	16 APR 2026
	ENR 6-3	16 APR 2026
	ENR 6-5	16 APR 2026
	ENR 6-15-1	25 DEC 2025
AD		
	AD 2.UGKO-8	07 AUG 2025
	AD 2.UGKO-ARC	16 APR 2026
	AD 2.UGKO-STAR-RNAV-07-1	16 APR 2026
	AD 2.UGKO-STAR-RNAV-25-1	16 APR 2026
	AD 2.UGKO-IAC-07-ILSy	16 APR 2026
	AD 2.UGKO-IAC-07-ILSz-1	16 APR 2026
	AD 2.UGKO-IAC-07-LOCy	16 APR 2026
	AD 2.UGKO-IAC-07-LOCz-1	16 APR 2026
	AD 2.UGKO-IAC-25-ILSy	16 APR 2026
	AD 2.UGKO-IAC-25-ILSz-1	16 APR 2026
	AD 2.UGKO-IAC-25-LOCy	16 APR 2026
	AD 2.UGKO-IAC-25-LOCz-1	16 APR 2026
	AD 2.UGKO-IAC-07-VOR	16 APR 2026
	AD 2.UGKO-IAC-25-VOR	16 APR 2026
	AD 2.UGSA-VAC	07 AUG 2025

To be inserted		
GEN		
	GEN 0.2-1	09 JUL 2026
	GEN 0.3-1	09 JUL 2026
	GEN 0.4-1	09 JUL 2026
	GEN 0.4-2	09 JUL 2026
	GEN 0.4-3	09 JUL 2026
	GEN 3.2-5	09 JUL 2026
ENR		
	ENR 3.1-2	09 JUL 2026
	ENR 3.2-1	09 JUL 2026
	ENR 3.2-2	09 JUL 2026
	ENR 3.2-4	09 JUL 2026
	ENR 3.2-5	09 JUL 2026
	ENR 3.2-6	09 JUL 2026
	ENR 3.2-7	09 JUL 2026
	ENR 3.2-8	09 JUL 2026
	ENR 3.2-9	09 JUL 2026
	ENR 3.2-10	09 JUL 2026
	ENR 3.2-11	09 JUL 2026
	ENR 4.1-1	09 JUL 2026
	ENR 6-3	09 JUL 2026
	ENR 6-5	09 JUL 2026
	ENR 6-15-1	09 JUL 2026
AD		
	AD 2.UGKO-8	09 JUL 2026
	AD 2.UGKO-ARC	09 JUL 2026
	AD 2.UGKO-STAR-RNAV-07-1	09 JUL 2026
	AD 2.UGKO-STAR-RNAV-25-1	09 JUL 2026
	AD 2.UGKO-IAC-07-ILSy	09 JUL 2026
	AD 2.UGKO-IAC-07-ILSz-1	09 JUL 2026
	AD 2.UGKO-IAC-07-LOCy	09 JUL 2026
	AD 2.UGKO-IAC-07-LOCz-1	09 JUL 2026
	AD 2.UGKO-IAC-25-ILSy	09 JUL 2026
	AD 2.UGKO-IAC-25-ILSz-1	09 JUL 2026
	AD 2.UGKO-IAC-25-LOCy	09 JUL 2026
	AD 2.UGKO-IAC-25-LOCz-1	09 JUL 2026
	AD 2.UGKO-IAC-07-VOR	09 JUL 2026
	AD 2.UGKO-IAC-25-VOR	09 JUL 2026
	AD 2.UGSA-VAC	09 JUL 2026

To be removed		
	AD 2.UGSB-10	07 AUG 2025
	AD 2.UGSB-ARC	16 APR 2026
	AD 2.UGSB-STAR-RNAV-12-1	16 APR 2026
	AD 2.UGSB-IAC-12-ILSy	07 AUG 2025
	AD 2.UGSB-IAC-12-ILSz-1	07 AUG 2025
	AD 2.UGSB-IAC-12-LOCy	07 AUG 2025
	AD 2.UGSB-IAC-12-LOCz-1	07 AUG 2025
	AD 2.UGSB-IAC-12-NDB	19 FEB 2026
	AD 2.UGTB-10	07 AUG 2025
	AD 2.UGTB-ARC	16 APR 2026
	AD 2.UGTB-SID-RNAV-13R-1	16 APR 2026
	AD 2.UGTB-SID-RNAV-31L-1	16 APR 2026
	AD 2.UGTB-SID-RNAV-31L-T-1	16 APR 2026
	AD 2.UGTB-SID-13R/31L-1	16 APR 2026
	AD 2.UGTB-STAR-RNAV-13R-1	16 APR 2026
	AD 2.UGTB-STAR-RNAV-31L-1	16 APR 2026
	AD 2.UGTB-ATCSMAC-1	16 APR 2026
	AD 2.UGTB-VAC	16 APR 2026

To be inserted		
	AD 2.UGSB-10	09 JUL 2026
	AD 2.UGSB-ARC	09 JUL 2026
	AD 2.UGSB-STAR-RNAV-12-1	09 JUL 2026
	AD 2.UGSB-IAC-12-ILSy	09 JUL 2026
	AD 2.UGSB-IAC-12-ILSz-1	09 JUL 2026
	AD 2.UGSB-IAC-12-LOCy	09 JUL 2026
	AD 2.UGSB-IAC-12-LOCz-1	09 JUL 2026
	AD 2.UGSB-IAC-12-NDB	09 JUL 2026
	AD 2.UGTB-10	09 JUL 2026
	AD 2.UGTB-ARC	09 JUL 2026
	AD 2.UGTB-SID-RNAV-13R-1	09 JUL 2026
	AD 2.UGTB-SID-RNAV-31L-1	09 JUL 2026
	AD 2.UGTB-SID-RNAV-31L-T-1	09 JUL 2026
	AD 2.UGTB-SID-13R/31L-1	09 JUL 2026
	AD 2.UGTB-STAR-RNAV-13R-1	09 JUL 2026
	AD 2.UGTB-STAR-RNAV-31L-1	09 JUL 2026
	AD 2.UGTB-ATCSMAC-1	09 JUL 2026
	AD 2.UGTB-VAC	09 JUL 2026

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GEN 0.2 Record of AIP Amendments

AIRAC AIP AMENDMENT

NR/Year	Publication Date	Effective date	Inserted by
03/25	03 APR 2025	15 MAY 2025	
04/25	29 MAY 2025	10 JUL 2025	
05/25	26 JUN 2025	07 AUG 2025	
06/25	24 JUL 2025	04 SEP 2025	
07/25	21 AUG 2025	02 OCT 2025	
08/25	18 SEP 2025	30 OCT 2025	
09/25	13 NOV 2025	25 DEC 2025	
01/26	08 JAN 2026	19 FEB 2026	
02/26	05 MAR 2026	16 APR 2026	
03/26	28 MAY 2026	09 JUL 2026	

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GEN 0.3 Record of AIP Supplements

NR/Year	Subject	AIP section(s) affected	Period of Validity	Cancellation record
04/25	Temporary prohibited area	**ENR**	From 07 AUG 2025 UFN	
06/25	UGSB - Temporary obstacles	**UGSB**	From 04 SEP 2025 to 14 JAN 2028	

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GEN 0.4 Checklist of AIP pages

Page	Date
Part 1 – General (GEN)	
GEN 0	
GEN 0.1-1	07 AUG 2025
GEN 0.1-2	07 AUG 2025
GEN 0.1-3	07 AUG 2025
GEN 0.2-1	09 JUL 2026
GEN 0.3-1	09 JUL 2026
GEN 0.4-1	09 JUL 2026
GEN 0.4-2	09 JUL 2026
GEN 0.4-3	09 JUL 2026
GEN 0.5-1	07 AUG 2025
GEN 0.6-1	07 AUG 2025
GEN 1	
GEN 1.1-1	07 AUG 2025
GEN 1.1-2	07 AUG 2025
GEN 1.2-1	30 OCT 2025
GEN 1.2-2	07 AUG 2025
GEN 1.2-3	07 AUG 2025
GEN 1.3-1	07 AUG 2025
GEN 1.3-2	07 AUG 2025
GEN 1.4-1	07 AUG 2025
GEN 1.4-2	07 AUG 2025
GEN 1.5-1	07 AUG 2025
GEN 1.6-1	07 AUG 2025
GEN 1.6-2	07 AUG 2025
GEN 1.7-1	07 AUG 2025
GEN 1.7-2	07 AUG 2025
GEN 2	
GEN 2.1-1	07 AUG 2025
GEN 2.1-2	07 AUG 2025
GEN 2.2-1	07 AUG 2025
GEN 2.2-2	07 AUG 2025
GEN 2.2-3	07 AUG 2025
GEN 2.2-4	07 AUG 2025
GEN 2.2-5	07 AUG 2025
GEN 2.2-6	30 OCT 2025
GEN 2.2-7	30 OCT 2025
GEN 2.2-8	30 OCT 2025
GEN 2.2-9	30 OCT 2025
GEN 2.2-10	30 OCT 2025
GEN 2.3-1	07 AUG 2025
GEN 2.3-2	07 AUG 2025
GEN 2.3-3	07 AUG 2025
GEN 2.3-4	07 AUG 2025
GEN 2.3-5	07 AUG 2025
GEN 2.3-6	07 AUG 2025
GEN 2.4-1	07 AUG 2025
GEN 2.5-1	07 AUG 2025
GEN 2.6-1	07 AUG 2025
GEN 2.6-2	07 AUG 2025
GEN 2.6-3	07 AUG 2025
GEN 2.7-1	07 AUG 2025
GEN 2.7-2	07 AUG 2025
GEN 2.7-3	07 AUG 2025
GEN 2.7-4	07 AUG 2025
GEN 2.7-5	07 AUG 2025
GEN 2.7-6	07 AUG 2025
GEN 2.7-7	07 AUG 2025
GEN 2.7-8	07 AUG 2025
GEN 2.7-9	07 AUG 2025
GEN 2.7-10	07 AUG 2025
GEN 2.7-11	07 AUG 2025
GEN 2.7-12	07 AUG 2025
GEN 2.7-13	07 AUG 2025
GEN 2.7-14	07 AUG 2025
GEN 2.7-15	07 AUG 2025
GEN 2.7-16	07 AUG 2025
GEN 2.7-17	07 AUG 2025
GEN 3	
GEN 3.1-1	07 AUG 2025
GEN 3.1-2	25 DEC 2025
GEN 3.1-3	25 DEC 2025
GEN 3.1-4	25 DEC 2025
GEN 3.1-5	07 AUG 2025
GEN 3.2-1	02 OCT 2025
GEN 3.2-2	07 AUG 2025
GEN 3.2-3	02 OCT 2025
GEN 3.2-4	16 APR 2026
GEN 3.2-5	09 JUL 2026
GEN 3.2-6	02 OCT 2025
GEN 3.2-7	07 AUG 2025
GEN 3.3-1	07 AUG 2025
GEN 3.3-2	07 AUG 2025
GEN 3.4-1	07 AUG 2025
GEN 3.4-2	07 AUG 2025
GEN 3.4-3	07 AUG 2025
GEN 3.4-4	07 AUG 2025
GEN 3.4-5	07 AUG 2025
GEN 3.4-7	07 AUG 2025
GEN 3.5-1	02 OCT 2025
GEN 3.5-2	02 OCT 2025
GEN 3.5-3	02 OCT 2025
GEN 3.5-4	16 APR 2026
GEN 3.5-5	16 APR 2026
GEN 3.5-6	16 APR 2026
GEN 3.5-7	16 APR 2026
GEN 3.5-9	16 APR 2026
GEN 3.6-1	07 AUG 2025
GEN 3.6-2	07 AUG 2025
GEN 3.7-1	07 AUG 2025
GEN 4	
GEN 4.1-1	07 AUG 2025
GEN 4.2-1	07 AUG 2025
Part 2 - En-Route (ENR)	
ENR 0	
ENR 0.1-1	07 AUG 2025
ENR 0.2-1	07 AUG 2025
ENR 0.3-1	07 AUG 2025
ENR 0.4-1	07 AUG 2025
ENR 0.5-1	07 AUG 2025
ENR 0.6-1	07 AUG 2025
ENR 0.6-2	07 AUG 2025
ENR 1	
ENR 1.1-1	07 AUG 2025
ENR 1.2-1	07 AUG 2025
ENR 1.2-2	07 AUG 2025
ENR 1.2-3	07 AUG 2025
ENR 1.3-1	07 AUG 2025
ENR 1.3-2	07 AUG 2025
ENR 1.3-3	07 AUG 2025
ENR 1.4-1	07 AUG 2025
ENR 1.4-2	07 AUG 2025
ENR 1.5-1	07 AUG 2025
ENR 1.6-1	07 AUG 2025
ENR 1.6-2	07 AUG 2025
ENR 1.6-3	07 AUG 2025
ENR 1.6-5	07 AUG 2025
ENR 1.6-7	07 AUG 2025
ENR 1.6-9	07 AUG 2025
ENR 1.6-11	07 AUG 2025
ENR 1.7-1	07 AUG 2025
ENR 1.7-2	07 AUG 2025
ENR 1.7-3	07 AUG 2025
ENR 1.8-1	07 AUG 2025
ENR 1.8-2	07 AUG 2025
ENR 1.9-1	07 AUG 2025
ENR 1.9-2	07 AUG 2025
ENR 1.9-3	07 AUG 2025
ENR 1.10-1	07 AUG 2025
ENR 1.10-2	07 AUG 2025
ENR 1.10-3	07 AUG 2025
ENR 1.11-1	07 AUG 2025
ENR 1.12-1	07 AUG 2025
ENR 1.12-2	07 AUG 2025
ENR 1.12-3	07 AUG 2025
ENR 1.13-1	07 AUG 2025
ENR 1.14-1	07 AUG 2025
ENR 1.14-2	07 AUG 2025
ENR 1.14-3	07 AUG 2025
ENR 1.14-4	07 AUG 2025
ENR 1.14-5	07 AUG 2025
ENR 1.14-6	07 AUG 2025
ENR 2	
ENR 2.1-1	07 AUG 2025
ENR 2.1-2	07 AUG 2025
ENR 2.1-3	07 AUG 2025
ENR 2.1-4	07 AUG 2025
ENR 2.1-5	07 AUG 2025
ENR 2.1-6	07 AUG 2025
ENR 2.1-7	07 AUG 2025
ENR 2.1-8	07 AUG 2025
ENR 2.1-9	07 AUG 2025
ENR 2.1-10	04 SEP 2025
ENR 2.1-11	07 AUG 2025
ENR 2.2-1	07 AUG 2025
ENR 3	
ENR 3.1-1	07 AUG 2025
ENR 3.1-2	09 JUL 2026
ENR 3.1-3	07 AUG 2025
ENR 3.2-1	09 JUL 2026
ENR 3.2-2	09 JUL 2026
ENR 3.2-3	07 AUG 2025
ENR 3.2-4	09 JUL 2026
ENR 3.2-5	09 JUL 2026
ENR 3.2-6	09 JUL 2026
ENR 3.2-7	09 JUL 2026
ENR 3.2-8	09 JUL 2026
ENR 3.2-9	09 JUL 2026

Page	Date
UGTB - TBILISI/TBILISI	
AD 2.UGTB-1	07 AUG 2025
AD 2.UGTB-2	07 AUG 2025
AD 2.UGTB-3	30 OCT 2025
AD 2.UGTB-4	30 OCT 2025
AD 2.UGTB-5	30 OCT 2025
AD 2.UGTB-6	30 OCT 2025
AD 2.UGTB-7	30 OCT 2025
AD 2.UGTB-8	07 AUG 2025
AD 2.UGTB-9	07 AUG 2025
AD 2.UGTB-10	09 JUL 2026
AD 2.UGTB-11	07 AUG 2025
AD 2.UGTB-12	30 OCT 2025
AD 2.UGTB-13	30 OCT 2025
AD 2.UGTB-14	16 APR 2026
AD 2.UGTB-15	16 APR 2026
AD 2.UGTB-16	16 APR 2026
AD 2.UGTB-17	07 AUG 2025
AD 2.UGTB-ADC	30 OCT 2025
AD 2.UGTB-APGMC	30 OCT 2025
AD 2.UGTB-AOC-A	25 DEC 2025
AD 2.UGTB-ARC	09 JUL 2026
AD 2.UGTB-SID-RNAV-13R-1	09 JUL 2026
AD 2.UGTB-SID-RNAV-13R-3	07 AUG 2025
AD 2.UGTB-SID-RNAV-13R-5	07 AUG 2025
AD 2.UGTB-SID-RNAV-31L-1	09 JUL 2026
AD 2.UGTB-SID-RNAV-31L-3	07 AUG 2025
AD 2.UGTB-SID-RNAV-31L-5	07 AUG 2025
AD 2.UGTB-SID-RNAV-31L-T-1	09 JUL 2026
AD 2.UGTB-SID-RNAV-31L-T-3	07 AUG 2025
AD 2.UGTB-SID-13R/31L-1	09 JUL 2026
AD 2.UGTB-SID-13R/31L-3	07 AUG 2025
AD 2.UGTB-STAR-RNAV-13R-1	09 JUL 2026
AD 2.UGTB-STAR-RNAV-13R-3	07 AUG 2025
AD 2.UGTB-STAR-RNAV-31L-1	09 JUL 2026
AD 2.UGTB-STAR-RNAV-31L-3	07 AUG 2025
AD 2.UGTB-ATCSMAC-1	09 JUL 2026
AD 2.UGTB-ATCSMAC-3	07 AUG 2025
AD 2.UGTB-IAC-13R-ILSy	16 APR 2026
AD 2.UGTB-IAC-13R-ILSz-1	16 APR 2026
AD 2.UGTB-IAC-13R-ILSz-3	07 AUG 2025
AD 2.UGTB-IAC-13R-LOCy	16 APR 2026
AD 2.UGTB-IAC-13R-LOCz-1	16 APR 2026
AD 2.UGTB-IAC-13R-LOCz-3	07 AUG 2025
AD 2.UGTB-IAC-31L-ILSy	16 APR 2026
AD 2.UGTB-IAC-31L-ILSz-1	16 APR 2026
AD 2.UGTB-IAC-31L-ILSz-3	07 AUG 2025
AD 2.UGTB-IAC-31L-LOCy	16 APR 2026
AD 2.UGTB-IAC-31L-LOCz-1	16 APR 2026
AD 2.UGTB-IAC-31L-LOCz-3	07 AUG 2025
AD 2.UGTB-IAC-13R-VOR	16 APR 2026
AD 2.UGTB-IAC-31L-VOR	16 APR 2026
AD 2.UGTB-VAC	09 JUL 2026
AD 2.UGTB-BIRD	07 AUG 2025

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Title of series	Scale	Name and/or number		Price ($)
Instrument Approach Chart – ICAO	1:500 000	**TBILISI/Tbilisi**		
		UGTB ILSy RWY13R	AD 2.UGTB-IAC-13R-ILSy	
		UGTB ILSy RWY31L	AD 2.UGTB-IAC-31L-ILSy	
		UGTB ILSz RWY13R	AD 2.UGTB-IAC-13R-ILSz-1	
		UGTB ILSz RWY31L	AD 2.UGTB-IAC-31L-ILSz-1	
		UGTB LOCy RWY13R	AD 2.UGTB-IAC-13R-LOCy	
		UGTB LOCy RWY31L	AD 2.UGTB-IAC-31L-LOCy	
		UGTB LOCz RWY13R	AD 2.UGTB-IAC-13R-LOCz-1	
		UGTB LOCz RWY31L	AD 2.UGTB-IAC-31L-LOCz-1	
		UGTB VOR RWY13R	AD 2.UGTB-IAC-13R-VOR	
		UGTB VOR RWY31L	AD 2.UGTB-IAC-31L-VOR	
		KUTAISI/Kopitnari		
		UGKO ILSy RWY07	AD 2.UGKO-IAC-07-ILSy	
		UGKO ILSz RWY07	AD 2.UGKO-IAC-07-ILSz-1	
		UGKO LOCy RWY07	AD 2.UGKO-IAC-07-LOCy	
		UGKO LOCz RWY07	AD 2.UGKO-IAC-07-LOCz-1	
		UGKO ILSy RWY25	AD 2.UGKO-IAC-25-ILSy	
		UGKO ILSz RWY25	AD 2.UGKO-IAC-25-ILSz-1	
		UGKO LOCy RWY25	AD 2.UGKO-IAC-25-LOCy	
		UGKO LOCz RWY25	AD 2.UGKO-IAC-25-LOCz-1	
		UGKO VOR RWY07	AD 2.UGKO-IAC-07-VOR	
		UGKO VOR RWY25	AD 2.UGKO-IAC-25-VOR	
	1:250 000	**BATUMI**		
		UGSB ILSy RWY12	AD 2.UGSB-IAC-12-ILSy	
		UGSB ILSz RWY12	AD2.UGSB-IAC-12-ILSz-1	
		UGSB LOCy RWY12	AD2.UGSB-IAC-12-LOCy	
		UGSB LOCz RWY12	AD2.UGSB-IAC-12-LOCz-1	
		UGSB NDB RWY12	AD2.UGSB-IAC-12-NDB	
ATC Surveillance Minimum Altitude Chart – ICAO	1:700 000	**TBILISI/Tbilisi**	AD 2.UGTB-ATCSMAC-1	
	1:650 000	**KUTAISI/Kopitnari**	AD 2.UGKO-ATCSMAC-1	
	1:500 000	**BATUMI**	AD 2.UGSB-ATCSMAC-1	
Visual Approach Chart – ICAO	1:500 000	**TBILISI/Tbilisi**	AD 2.UGTB-VAC	
	1:250 000	**KUTAISI/Kopitnari**	AD 2.UGKO-VAC	
		BATUMI	AD 2.UGSB-VAC	
	1:200 000	**AMBROLAURI**	AD 2.UGAM-VAC	
		MESTIA	AD 2.UGMS-VAC	
		NATAKHTARI	AD 2.UGSA-VAC	
		TELAVI	AD 2.UGGT-VAC	
Aeronautical Chart – ICAO*	1:500 000	**Georgia 2020 Edition**	2324BC2325AD	
Radio communication coverage area – Index Chart	1:1 500 000	**Radio communication coverage area within Tbilisi FIR at 500 FT AGL**	GEN 3.4-5	
		Radio communication coverage area within Tbilisi FIR at 2000 FT AGL	GEN 3.4-7	
GAMET areas – Index Chart	1:2 500 000	**GAMET areas**	GEN 3.5-7	
Radar coverage area – Index Chart	1:2 500 000	**Graphic portrayal of SSR coverage area**	ENR 1.6-5 ENR 1.6-7 ENR 1.6-9 ENR 1.6-11	
Bird Concentrations and Movement – Index Chart	1: 60 000	**TBILISI/Tbilisi**	AD 2.UGTB-BIRD	
	1: 15 000	**KUTAISI/Kopitnari**	AD 2.UGKO-BIRD	
	1: 20 000	**BATUMI**	AD 2.UGSB-BIRD	
	1: 10 000	**AMBROLAURI**	AD 2.UGAM-BIRD	

Title of series	Scale	Name and/or number		Price ($)
Free Route Airspace – Index Chart	1:1 500 000	**Free Route Airspace South Caucasus (FRASC)**	ENR 6-13-1	
En-route ATC Surveillance Minimum Altitude Chart − Index Chart	1:1 500 000	**En-route ATC Surveillance Minimum Altitude Chart**	ENR 6-15-1	

Those chart series marked by an asterisk (*) do not form part of the AIP of Georgia.

6 Index to the Aeronautical Chart — ICAO 1: 500 000

7 Topographical charts

To supplement the aeronautical charts, a wide range of topographical charts is available from:

Post: **Geodesy and Geo Information Department of**
National Agency of Public Registry
2, Sanapiro Str.
Tbilisi, Georgia
Tel: (+995 32) 225 15 28
Fax: (+995 32) 225 15 28
AFS: NIL
E-mail: info@napr.gov.ge
URL: https://napr.gov.ge/

ENR 3 ATS routes

ENR 3.1 Conventional navigation routes

Route designator Name of significant points Coordinates RCP/RSP specification	Track MAG ↓/↑ VOR RDL DIST (COP)	Upper limits Lower limits MEA Airspace classification	Lateral limits MOCA	Direction of cruising levels		Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification(s) limitations
				Odd	Even	
1	2	3	4	5		6
H5						
△ BATUMI NDB (LU) 413605N 0413651E						
	014° 194° 23.5 NM	FL 660 7000 FT AMSL 6400 FT AMSL Class C	5 NM	↓	↑	BATUMI APP FREQ: 124.425 MHz TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary)
△KUSSA 415803N 0414801E						
	061° 241° 33.0 NM	FL 660 7000 FT AMSL 5100 FT AMSL Class C	5 NM	↓	↑	KUTAISI APP FREQ: 127.100 MHz TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary)
△ KUTAISI DVOR/DME (KTS) 421033N 0422905E						
	088° 269° 36.8 NM	FL 660 7000 FT AMSL 6800 FT AMSL Class C	5 NM	↓	↑	KUTAISI APP FREQ: 127.100 MHz TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.400 MHz (Primary) 135.625 MHz (Secondary)
△VIZRO 420709N 0431819E						
	089° 270° 15.5 NM	FL 660 FL 085 7400 FT AMSL Class C	5 NM	↓	↑	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary)
△ ALI NDB (BT) 420523N 0433901E						
	097° 278° 42.2 NM	FL 660 FL 085 8200 FT AMSL Class C	5 NM	↓	↑	TBILISI APP FREQ: 134.600 MHz TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary)

Route designator Name of significant points Coordinates RCP/RSP specification	Track MAG ↓/↑ VOR RDL DIST (COP)	Upper limits Lower limits MEA Airspace classification	Lateral limits MOCA	Direction of cruising levels		Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification(s) limitations
				Odd	Even	
1	2	3	4	5		6
△ MUKHRANI NDB (DF) 415510N 0443420E						
	124° 304° 22.6 NM	FL 660 FL 085 7400 FT AMSL Class C	5 NM	↓	↑	TBILISI APP FREQ: 134.600 MHz TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary)
△ TBILISI DVOR/DME (TBS) 414014N 0445649E						

ENR 3.2 Area navigation routes

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing / Geodesic DIST	Upper limits / Lower limits / Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
L125 (RNAV 5)		109.3 NM					
▲**OGEVI** (FIR boundary) 410805N 0434713E	TBS 232° 61.4 NM 1600 FT	For continuation, see AIP Armenia.					
		347° 167° 57.6 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**ALI NDB (BT)** 420523N 0433901E							
		- 156° 30.3 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**BASKA** 423459N 0432655E	KTS 053° 49.3 NM 200 FT						
		- 153° 21.4 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
▲**GUSLI** (FIR boundary) 425506N 0431702E	KTS 031° 56.9 NM 200 FT	For continuation, see AIP Russia.					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
L850 (RNAV 5)		318.4 NM					
▲**ADEKI** (FIR boundary) 411748N 0464500E	TBS 098° 84.3 NM 1600 FT	For continuation, see AIP Azerbaijan.					
		284° 103° 72.2 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**DEDON** 414255N 0451448E	TBS 072° 13.7 NM 1600 FT						
		283° 101° 103.1 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**TAGAR** 421642N 0430410E	KTS 070° 26.8 NM 200 FT						
		281° 099° 143.1 NM	FL 660 FL 285 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
▲**BANUT** (FIR boundary) 425923N 0395907E	KTS 288° 121.1 NM 200 FT	For continuation, see AIP Russia.					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
M10 (RNAV 5)		63.9 NM					
△**TETRO** 414021N 0425135E	KTS 144° 34.5 NM 200 FT						
		257° - 63.9 NM	FL 660 FL 195 Class C		↓	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
▲**SARPI** (FIR boundary) 413256N 0412659E	KTS 224° 59.7 NM 200 FT	For continuation, see AIP Turkiye.					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
M54 (RNAV 5)		117.0 NM					
▲**TAVRO** (FIR boundary) 411129N 0443009E	TBS 208° 35.0 NM 1600 FT	For continuation, see AIP Armenia.					
		- 145° 25.9 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**LAGAS** 413419N 0441353E	TBS 253° 32.7 NM 1600 FT						
		- 145° 91.1 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
▲**GUSLI** (FIR boundary) 425506N 0431702E	KTS 031° 56.9 NM 200 FT	For continuation, see AIP Russia.					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
M747 (RNAV 5)		231.3 NM					
▲**BARAD** (FIR boundary) 412131N 0450500E	TBS 155° 19.7 NM 1600 FT	For continuation, see AIP Azerbaijan.					
		- 101° 40.5 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**LAGAS** 413419N 0441353E	TBS 253° 32.7 NM 1600 FT						
		- 100° 65.5 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**BARUS** 415414N 0425030E	KTS 128° 22.8 NM 200 FT						
		- 100° 52.4 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
△**IBERI** 420939N 0414318E	KTS 262° 34.1 NM 200 FT						
		- 098° 72.9 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
▲**IDLER** (FIR boundary) 422925N 0400845E	KTS 274° 105.8 NM 200 FT	For continuation, see AIP Russia.					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
N11 (RNAV 5)		253.0 NM					
▲**ROLIN** (FIR boundary) 414757N 0403923E	KTS 248° 84.9 NM 200 FT						
		079° 260° 98.4 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
△**BARUS** 415414N 0425030E	KTS 128° 22.8 NM 200 FT						
		082° 263° 77.4 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**MUKHRANI NDB (DF)** 415510N 0443420E							
		081° 262° 77.2 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
▲**KUFAN** (FIR boundary) 415718N 0461708E	TBS 067° 62.4 NM 1600 FT						

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing / Geodesic DIST	Upper limits / Lower limits / Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
N37 (RNAV 5)		200.5 NM					
▲SARPI (FIR boundary) 413256N 0412659E	KTS 224° 59.7 NM 200 FT	For continuation, see AIP Turkiye.					
		060° 240° 8.0 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
△BATUMI NDB (LU) 413605N 0413651E							
		064° 245° 22.8 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
△ODILI 414317N 0420540E	KTS 206° 32.4 NM 200 FT						
		065° 245° 35.3 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
△BARUS 415414N 0425030E	KTS 128° 22.8 NM 200 FT						
		066° 246° 38.0 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△ALI NDB (BT) 420523N 0433901E							
		070° 252° 96.4 NM	FL 660 FL 225 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
▲LURIS 422525N 0454607E	TBS 032° 58.2 NM 1600 FT	For continuation, see AIP Russia.					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
N61 (RNAV 5)		152.3 NM					
▲**NOLGA** (FIR boundary) 412541N 0425844E	KTS 147° 50.0 NM 200 FT	For continuation, see AIP Turkiye.					
		074° 255° 57.1 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**LAGAS** 413419N 0441353E	TBS 253° 32.7 NM 1600 FT						
		075° 255° 11.3 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**BAGEM** 413556N 0442850E	TBS 252° 21.4 NM 1600 FT						
		071° 252° 21.4 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**TBILISI DVOR/DME (TBS)** 414014N 0445649E							
		072° 252° 13.7 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**DEDON** 414255N 0451448E	TBS 072° 13.7 NM 1600 FT						
		066° 246° 48.8 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
				Odd	Even		
1	2	3	4	5		6	7
▲**KUFAN** (FIR boundary) 415718N 0461708E	TBS 067° 62.4 NM 1600 FT	For Continuation see AIP Russia					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
N82 (RNAV 5)		87.5 NM					
▲**TISOT** (FIR boundary) 411605N 0445309E	TBS 180° 24.3 NM 1600 FT	For continuation, see AIP Armenia.					
		333° - 41.5 NM	FL 660 FL 195 Class C		↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**MUKHRANI NDB (DF)** 415510N 0443420E							
		331° - 37.7 NM	FL 660 FL 195 Class C		↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**TAVSA** 423000N 0441456E	TBS 321° 58.7 NM 1600 FT						
		334° - 8.3 NM	FL 660 FL 195 Class C		↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
▲**LAPTO** (FIR boundary) 423753N 0441119E	TBS 323° 66.8 NM 1600 FT	For continuation, see AIP Russia.					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
N644 (RNAV 5)		276.2 NM					
▲**ADEKI** (FIR boundary) 411748N 0464500E	TBS 098° 84.3 NM 1600 FT	For continuation, see AIP Azerbaijan.					
		274° 093° 63.6 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**BADIR** 412900N 0452200E	TBS 114° 22.0 NM 1600 FT						
		269° 089° 51.5 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**LAGAS** 413419N 0441353E	TBS 253° 32.7 NM 1600 FT						
		269° 089° 33.2 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**AGISO** 413740N 0432945E	KTS 119° 56.0 NM 200 FT						
		269° 088° 28.7 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**TETRO** 414021N 0425135E	KTS 144° 34.5 NM 200 FT						
		268° 088° 34.5 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
				Odd	Even		
1	2	3	4	5		6	7
△**ODILI** 414317N 0420540E	KTS 206° 32.4 NM 200 FT						
		268° 087° 64.7 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
▲**ROLIN** (FIR boundary) 414757N 0403923E	KTS 248° 84.9 NM 200 FT	For continuation, see AIP Turkiye.					

ENR 4 Radio navigation aids/systems

ENR 4.1 Radio navigation aids - en-route

Legend for FRA relevance:
(E) = “Horizontal Entry point”
(X) = “Horizontal Exit point”
(I) = “Intermediate point”
(A) = “Arrival Connecting point”
(D) = “Departure Connecting point”

Name of station (VOR/VAR)	ID	Frequency (CH)	Hours of operation	Coordinates	ELEV DME antenna	Remarks
1	2	3	4	5	6	7
ALI NDB	BT	353 KHz	H24	420523N 0433901E	Not applicable	FRA(I)
BAKURIANI DME	BKU	110.600 MHz (CH 43X)	H24	414141N 0433236E	9000 FT	Coverage 108 NM.
BATUMI DME	BTM	108.400 MHz (CH 21X)	H24	413623N 0413606E	100 FT	Coverage 108 NM. Omnidirectional.
BATUMI NDB (7° E)	LU	430 KHz	H24	413605N 0413651E	Not applicable	FRA(I)
GUDAURI DME	GUD	110.800 MHz (CH 45X)	H24	422930N 0442946E	8900 FT	Coverage 108 NM.
KUTAISI DVOR/DME (7° E)	KTS	113.600 MHz (CH 83X)	H24	421033N 0422905E	200 FT	Coverage 108 NM. FRA(I)
MUKHRANI NDB (7° E)	DF	520 KHz	H24	415510N 0443420E	Not applicable	FRA(I) FRA(D): UGTB SID UGTB
POTI DME	PTI	111.000 MHz (CH 47X)	H24	420942N 0414150E	100 FT	Coverage 108 NM.
TBILISI DVOR/DME (7° E)	TBS	113.700 MHz (CH 84X)	H24	414014N 0445649E	1600 FT	Coverage 108 NM. FRA(I)
TSNORI DME	TSN	108.600 MHz (CH 23X)	H24	413746N 0460056E	800 FT	Coverage 108 NM.

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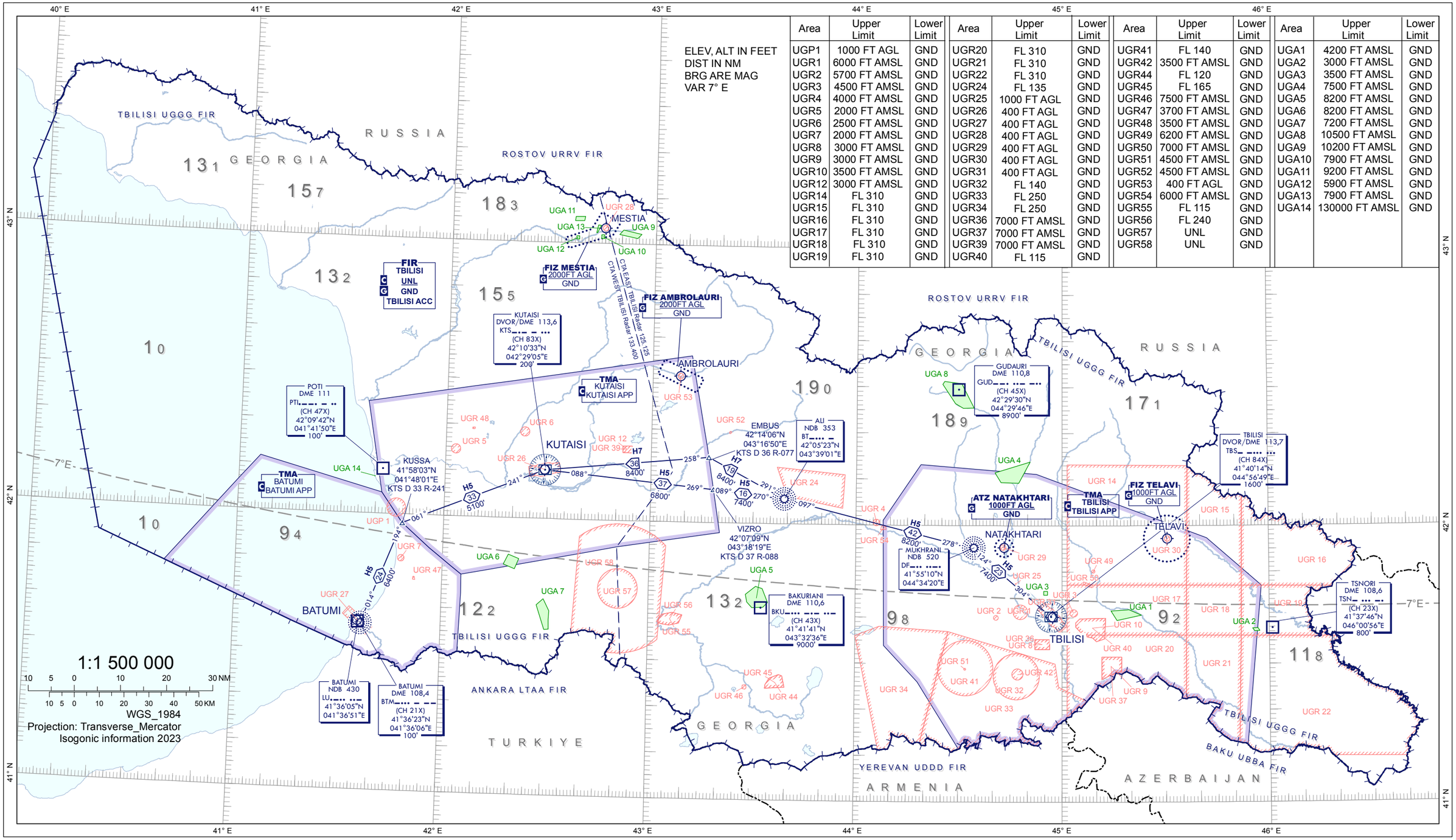
ENROUTE CHART - ICAO (Conventional navigation routes)



Area	Upper Limit	Lower Limit
UGP1	1000 FT AGL	GND
UGR1	6000 FT AMSL	GND
UGR2	5700 FT AMSL	GND
UGR3	4500 FT AMSL	GND
UGR4	4000 FT AMSL	GND
UGR5	2000 FT AMSL	GND
UGR6	2500 FT AMSL	GND
UGR7	2000 FT AMSL	GND
UGR8	3000 FT AMSL	GND
UGR9	3000 FT AMSL	GND
UGR10	3500 FT AMSL	GND
UGR12	3000 FT AMSL	GND
UGR14	FL 310	GND
UGR15	FL 310	GND
UGR16	FL 310	GND
UGR17	FL 310	GND
UGR18	FL 310	GND
UGR19	FL 310	GND

Area	Upper Limit	Lower Limit
UGR20	FL 310	GND
UGR21	FL 310	GND
UGR22	FL 310	GND
UGR24	FL 135	GND
UGR25	1000 FT AGL	GND
UGR26	400 FT AGL	GND
UGR27	400 FT AGL	GND
UGR28	400 FT AGL	GND
UGR29	400 FT AGL	GND
UGR30	400 FT AGL	GND
UGR31	400 FT AGL	GND
UGR32	FL 140	GND
UGR33	FL 250	GND
UGR34	FL 250	GND
UGR36	7000 FT AMSL	GND
UGR37	7000 FT AMSL	GND
UGR39	7000 FT AMSL	GND
UGR40	FL 115	GND

Area	Upper Limit	Lower Limit
UGR41	FL 140	GND
UGR42	3500 FT AMSL	GND
UGR44	FL 120	GND
UGR45	FL 165	GND
UGR46	7500 FT AMSL	GND
UGR47	3700 FT AMSL	GND
UGR48	3500 FT AMSL	GND
UGR49	6200 FT AMSL	GND
UGR50	7000 FT AMSL	GND
UGR51	4500 FT AMSL	GND
UGR52	4500 FT AMSL	GND
UGR53	400 FT AGL	GND
UGR54	6000 FT AMSL	GND
UGR55	FL 115	GND
UGR56	FL 240	GND
UGR57	UNL	GND
UGR58	UNL	GND

Area	Upper Limit	Lower Limit
UGA1	4200 FT AMSL	GND
UGA2	3000 FT AMSL	GND
UGA3	3500 FT AMSL	GND
UGA4	7500 FT AMSL	GND
UGA5	8200 FT AMSL	GND
UGA6	8200 FT AMSL	GND
UGA7	7200 FT AMSL	GND
UGA8	10500 FT AMSL	GND
UGA9	10200 FT AMSL	GND
UGA10	7900 FT AMSL	GND
UGA11	9200 FT AMSL	GND
UGA12	5900 FT AMSL	GND
UGA13	7900 FT AMSL	GND
UGA14	130000 FT AMSL	GND

COMMUNICATION FACILITIES

TBILISI ACC Tbilisi Radar	EAST UPPER Sector	EAST LOWER Sector	WEST UPPER Sector	WEST LOWER Sector	TBILISI	KUTAISI	BATUMI	MESTIA	AMBROLAURI	NATAKHTARI	TELAVI
CTA EAST Primary - 125.125 Secondary - 135.125 CTA WEST Primary - 133.400 Secondary - 135.625	FL660 FL345/FL355/FL365/FL375 Primary - 133.500 Secondary - 135.350	FL345/FL355/FL365/FL375 FL085 or 2000FT AGL whichever is higher Primary - 125.125 Secondary - 135.125	FL660 FL345/FL355/FL365/FL375 Primary - 134.450 Secondary - 135.750	FL345/FL355/FL365/FL375 FL085 or 2000FT AGL whichever is higher Primary - 133.400 Secondary - 135.625	APP - 134.600 TWR Primary - 119.000 TWR Secondary - 128.000 INFO - 124.150 ATIS - 132.800	APP - 127.100 TWR - 125.500 ATIS - 119.950	APP - 124.425 TWR - 118.600 ATIS - 129.500	INFO - 121.100	INFO - 119.850	131.750	TWR-120.000

Changes: Batumi and Kutaisi ATIS, NDB DF location, DVOR/DME TBS ELEV.

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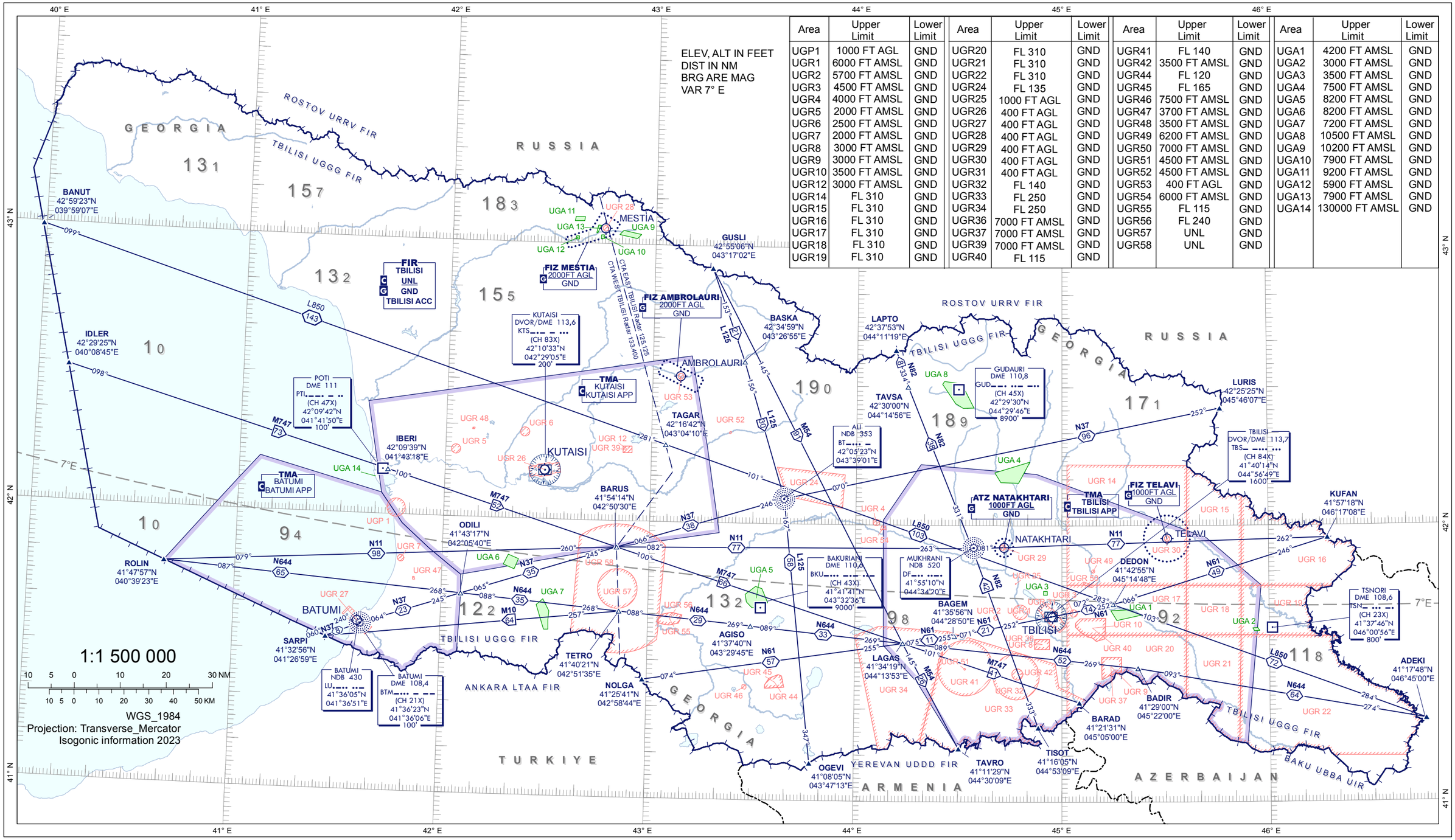
ENROUTE CHART - ICAO (Area navigation (RNAV) routes)



Area	Upper Limit	Lower Limit
UGP1	1000 FT AGL	GND
UGR1	6000 FT AMSL	GND
UGR2	5700 FT AMSL	GND
UGR3	4500 FT AMSL	GND
UGR4	4000 FT AMSL	GND
UGR5	2000 FT AMSL	GND
UGR6	2500 FT AMSL	GND
UGR7	2000 FT AMSL	GND
UGR8	3000 FT AMSL	GND
UGR9	3000 FT AMSL	GND
UGR10	3500 FT AMSL	GND
UGR12	3000 FT AMSL	GND
UGR14	FL 310	GND
UGR15	FL 310	GND
UGR16	FL 310	GND
UGR17	FL 310	GND
UGR18	FL 310	GND
UGR19	FL 310	GND

Area	Upper Limit	Lower Limit
UGR20	FL 310	GND
UGR21	FL 310	GND
UGR22	FL 310	GND
UGR24	FL 135	GND
UGR25	1000 FT AGL	GND
UGR26	400 FT AGL	GND
UGR27	400 FT AGL	GND
UGR28	400 FT AGL	GND
UGR29	400 FT AGL	GND
UGR30	400 FT AGL	GND
UGR31	400 FT AGL	GND
UGR32	FL 140	GND
UGR33	FL 250	GND
UGR34	FL 250	GND
UGR36	7000 FT AMSL	GND
UGR37	7000 FT AMSL	GND
UGR39	7000 FT AMSL	GND
UGR40	FL 115	GND

Area	Upper Limit	Lower Limit
UGR41	FL 140	GND
UGR42	3500 FT AMSL	GND
UGR44	FL 120	GND
UGR45	FL 165	GND
UGR46	7500 FT AMSL	GND
UGR47	3700 FT AMSL	GND
UGR48	3500 FT AMSL	GND
UGR49	6200 FT AMSL	GND
UGR50	7000 FT AMSL	GND
UGR51	4500 FT AMSL	GND
UGR52	4500 FT AMSL	GND
UGR53	400 FT AGL	GND
UGR54	6000 FT AMSL	GND
UGR55	FL 115	GND
UGR56	FL 240	GND
UGR57	UNL	GND
UGR58	UNL	GND

Area	Upper Limit	Lower Limit
UGA1	4200 FT AMSL	GND
UGA2	3000 FT AMSL	GND
UGA3	3500 FT AMSL	GND
UGA4	7500 FT AMSL	GND
UGA5	8200 FT AMSL	GND
UGA6	8200 FT AMSL	GND
UGA7	7200 FT AMSL	GND
UGA8	10500 FT AMSL	GND
UGA9	10200 FT AMSL	GND
UGA10	7900 FT AMSL	GND
UGA11	9200 FT AMSL	GND
UGA12	5900 FT AMSL	GND
UGA13	7900 FT AMSL	GND
UGA14	130000 FT AMSL	GND

COMMUNICATION FACILITIES

TBILISI ACC Tbilisi Radar	EAST UPPER Sector	EAST LOWER Sector	WEST UPPER Sector	WEST LOWER Sector	TBILISI	KUTAISI	BATUMI	MESTIA	AMBROLAURI	NATAKHTARI	TELAVI
CTA EAST Primary - 125.125 Secondary - 135.125 CTA WEST Primary - 133.400 Secondary - 135.625	FL660 FL345/FL355/FL365/FL375 Primary - 133.500 Secondary - 135.350	FL345/FL355/FL365/FL375 FL085 or 2000FT AGL whichever is higher Primary - 125.125 Secondary - 135.125	FL660 FL345/FL355/FL365/FL375 Primary - 134.450 Secondary - 135.750	FL345/FL355/FL365/FL375 FL085 or 2000FT AGL whichever is higher Primary - 133.400 Secondary - 135.625	APP - 134.600 TWR Primary - 119.000 TWR Secondary - 128.000 INFO - 124.150 ATIS - 132.800	APP - 127.100 TWR - 125.500 ATIS - 119.950	APP - 124.425 TWR - 118.600 ATIS - 129.500	INFO - 121.100	INFO - 119.850	131.750	TWR-120.000

Changes: Batumi and Kutaisi ATIS, NDB DF location, DVOR/DME TBS ELEV.

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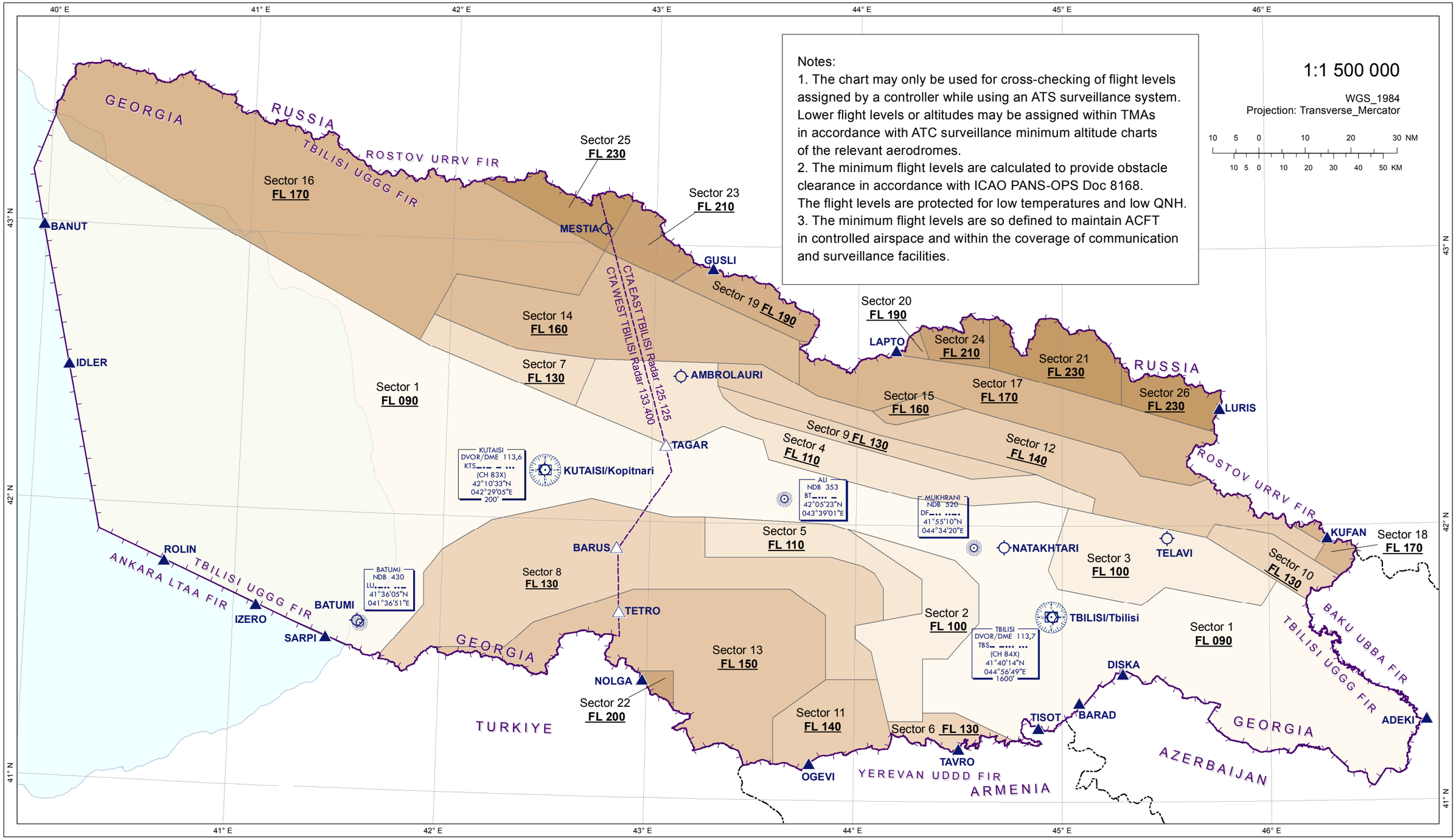
ENROUTE ATC SURVEILLANCE MINIMUM ALTITUDE CHART - INDEX CHART

G E O R G I A



Notes:
1. The chart may only be used for cross-checking of flight levels assigned by a controller while using an ATS surveillance system. Lower flight levels or altitudes may be assigned within TMAs in accordance with ATC surveillance minimum altitude charts of the relevant aerodromes.
2. The minimum flight levels are calculated to provide obstacle clearance in accordance with ICAO PANS-OPS Doc 8168. The flight levels are protected for low temperatures and low QNH.
3. The minimum flight levels are so defined to maintain ACFT in controlled airspace and within the coverage of communication and surveillance facilities.

1:1 500 000

WGS_1984
Projection: Transverse_Mercator

10 5 0 10 20 30 NM
10 5 0 10 20 30 40 50 KM

Changes: Batumi and Kutaisi ATIS, NDB DF location, DVOR/DME TBS ELEV.

LEGEND

- Aerodrome
- NDB
- VOR/DME
- FIR
- Compulsory Reporting point
- On request Reporting point
- Communication sector boundary
- Boundary (International)

COMMUNICATION FACILITIES

TBILISI ACC Tbilisi Radar	EAST UPPER Sector FL660	WEST UPPER Sector FL660	TBILISI	KUTAISI	MESTIA
CTA EAST Primary - 125.125 Secondary - 135.125 CTA WEST Primary - 133.400 Secondary - 135.625	FL345/FL355/FL365/FL375 Primary - 133.500 Secondary - 135.350 EAST LOWER Sector FL345/FL355/FL365/FL375 FL85 or 2000FT AGL whichever is higher Primary - 125.125 Secondary - 135.125	FL345/FL355/FL365/FL375 Primary - 134.450 Secondary - 135.750 WEST LOWER Sector FL345/FL355/FL365/FL375 FL85 or 2000FT AGL whichever is higher Primary - 133.400 Secondary - 135.625	APP - 134.600 TWR Primary - 119.000 TWR Secondary - 128.000 INFO - 124.150 ATIS - 132.800	APP - 127.100 TWR - 125.500 ATIS - 119.950 BATUMI APP - 124.425 TWR - 118.600 ATIS - 129.500	INFO - 121.100 AMBROLAURI INFO - 119.850 NATAKHTARI 131.750 TELAVI TWR-120.000

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UGKO AD 2.13 Declared distances

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
07	2500	2750	2560	2500	NIL
25	2500	2750	2560	2500	NIL

UGKO AD 2.14 Approach and runway lighting

RWY Designator	APCH LGT type, LEN, INTST	THR LGT, colour, WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST
1	2	3	4	5	6
07	HIALS 900 M LIH	GREEN	PAPI Left/3.0° (52 FT)	NIL	NIL
25	HIALS 900 M LIH	GREEN	PAPI Left/3.0° (51 FT)	NIL	NIL

RWY Designator	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour, WBAR	SWY LGT LEN, colour	Remarks
1	7	8	9	10
07	2500 M 60 M White FM 1900 M Yellow LIH	RED	NIL	NIL
25	2500 M 60 M White FM 1900 M Yellow LIH	RED	NIL	NIL

UGKO AD 2.15 Other lighting and secondary power supply

1	**ABN/IBN location, characteristics and hours of operation**	ABN: At Tower building, rotating light beacon, RPM 12, code W/G, SS-SR IBN: NIL
2	**LDI location and LGT** **Anemometer location and LGT**	NIL NIL
3	**TWY edge and centre line lighting**	CL: NIL Edge: All TWY
4	**Secondary power supply/switch-over time**	Secondary power supply to all lighting at AD. Switch-over time: 1 SEC
5	**Remarks**	NIL

UGKO AD 2.16 Helicopter landing area

1	**Coordinates TLOF or THR of FATO Geoid undulation**	NIL
2	**TLOF and/or FATO elevation M/FT**	NIL
3	**TLOF and FATO area dimensions, surface, strength, marking**	NIL
4	**True BRG of FATO**	NIL
5	**Declared distance available**	NIL
6	**APP and FATO lighting**	NIL
7	**Remarks**	NIL

UGKO AD 2.17 Air traffic services airspace

1	**Designation and lateral limits**	KUTAISI CTR 421449N 0422206E - 421532N 0422751E - 421615N 0423335E - 421538N 0424048E - 420843N 0424220E - 420623N 0423548E - 420457N 0422420E - 420557N 0422005E - 420534N 0421710E - 421228N 0421535E - 421449N 0422206E
2	**Vertical limits**	GND to 1500 FT AMSL
3	**Airspace classification**	C
4	**ATS unit call sign Language(s)**	KUTAISI TOWER EN
5	**Transition altitude**	7000 FT AMSL
6	**Hours of applicability**	H24
7	**Remarks**	NIL

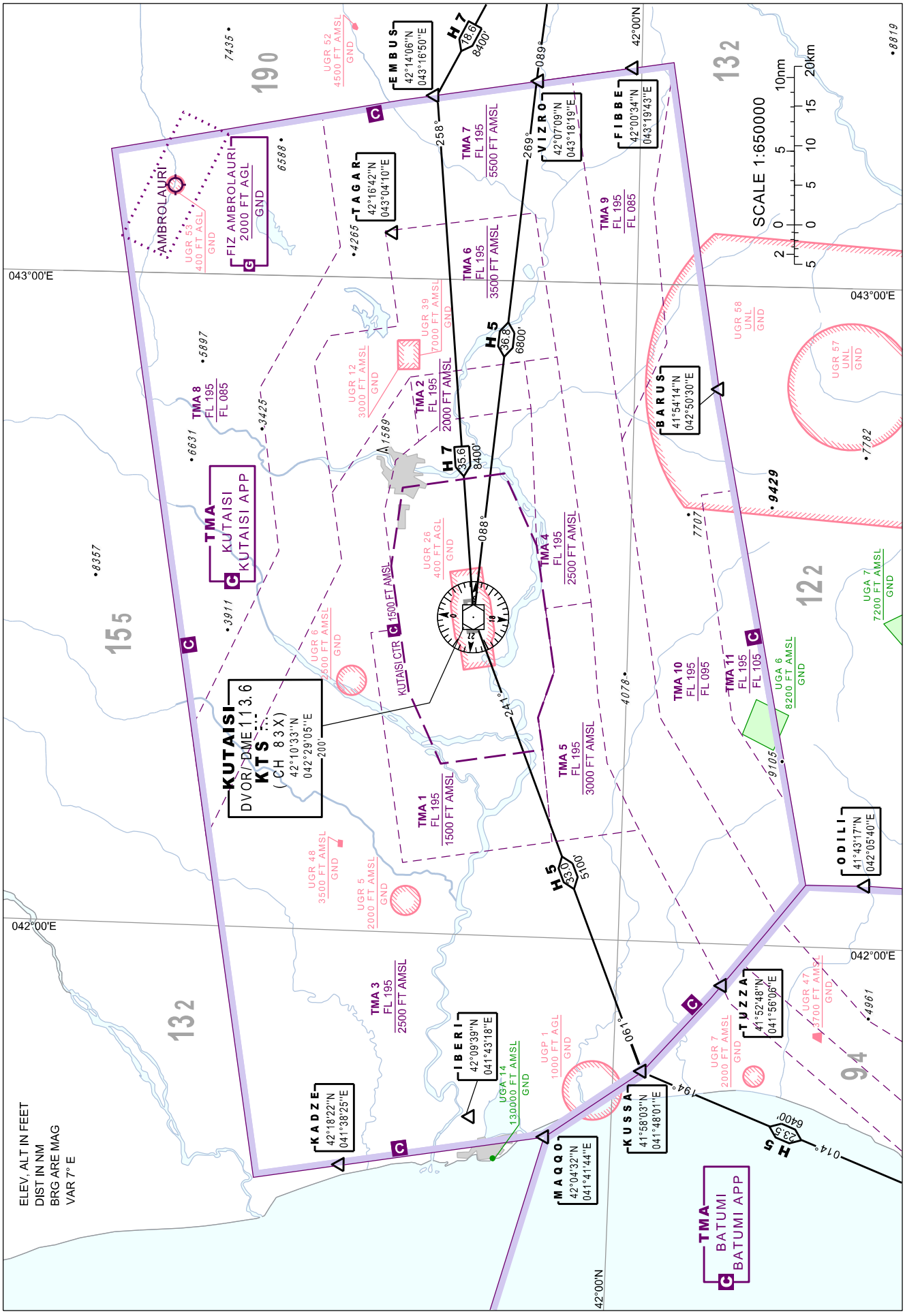
UGKO AD 2.18 Air traffic services communication facilities

Service designation	Call sign	Channel(s)	SATVOICE number(s)	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
APP	KUTAISI APPROACH	127.100 MHz	NIL	NIL	H24	NIL
		121.500 MHz	NIL	NIL		Emergency
TWR	KUTAISI TOWER	125.500 MHz	NIL	NIL	H24	NIL
ATIS	KUTAISI ATIS	119.950 MHz	NIL	NIL	H24	NIL

AREA CHART - ICAO

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI TMA



Changes: ATIS FREQ added

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STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

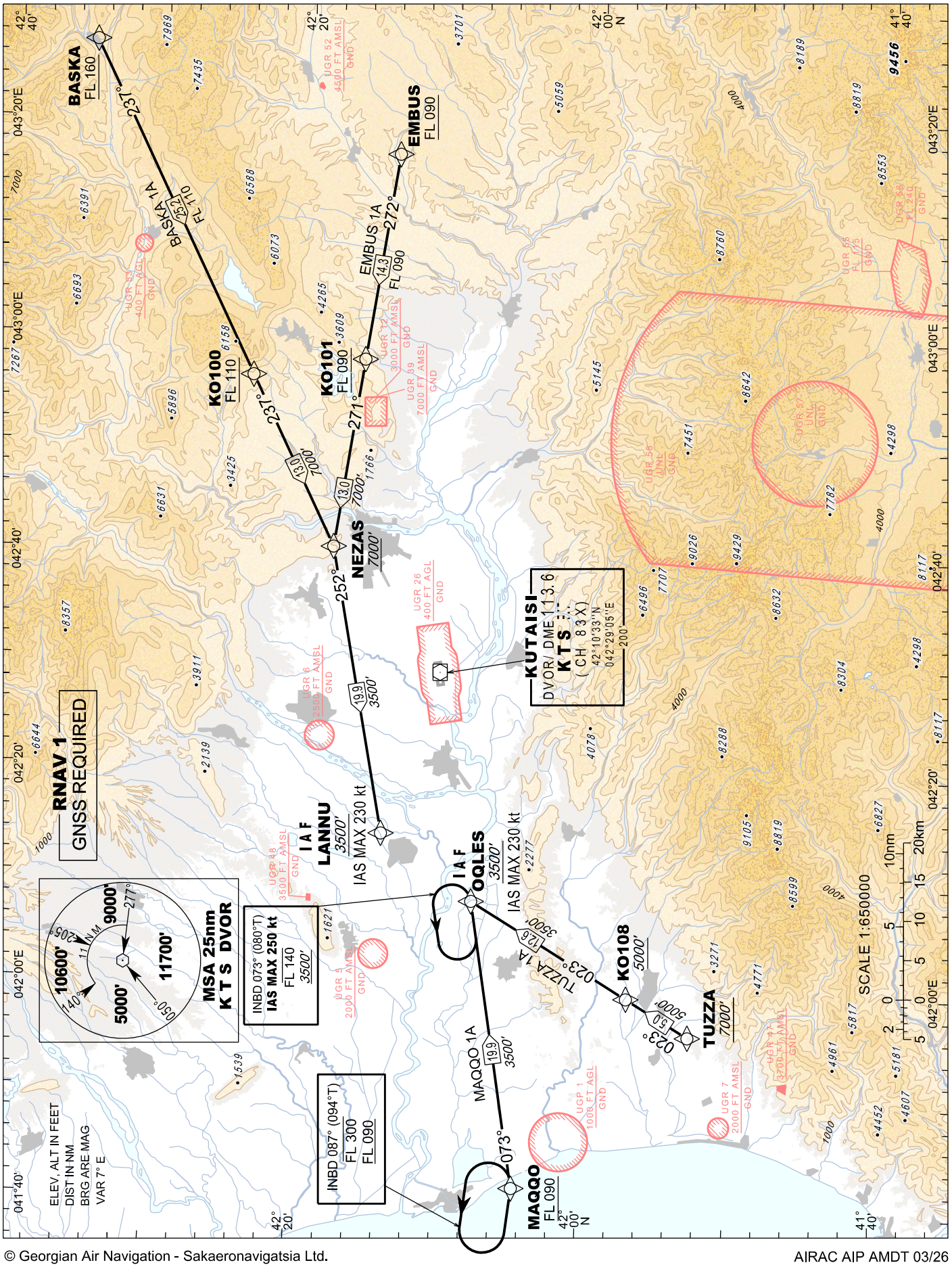
TRANSITION LEVEL FL 090
TRANSITION ALTITUDE 7000'

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI/Kopitnari (UGKO)

RNAV RWY 07

TUZZA 1A MAQQO 1A
BASKA 1A EMBUS 1A



ELEV, ALT IN FEET
DIST IN NM
BRG ARE MAG
VAR 7° E

Changes: ATIS FREQ added

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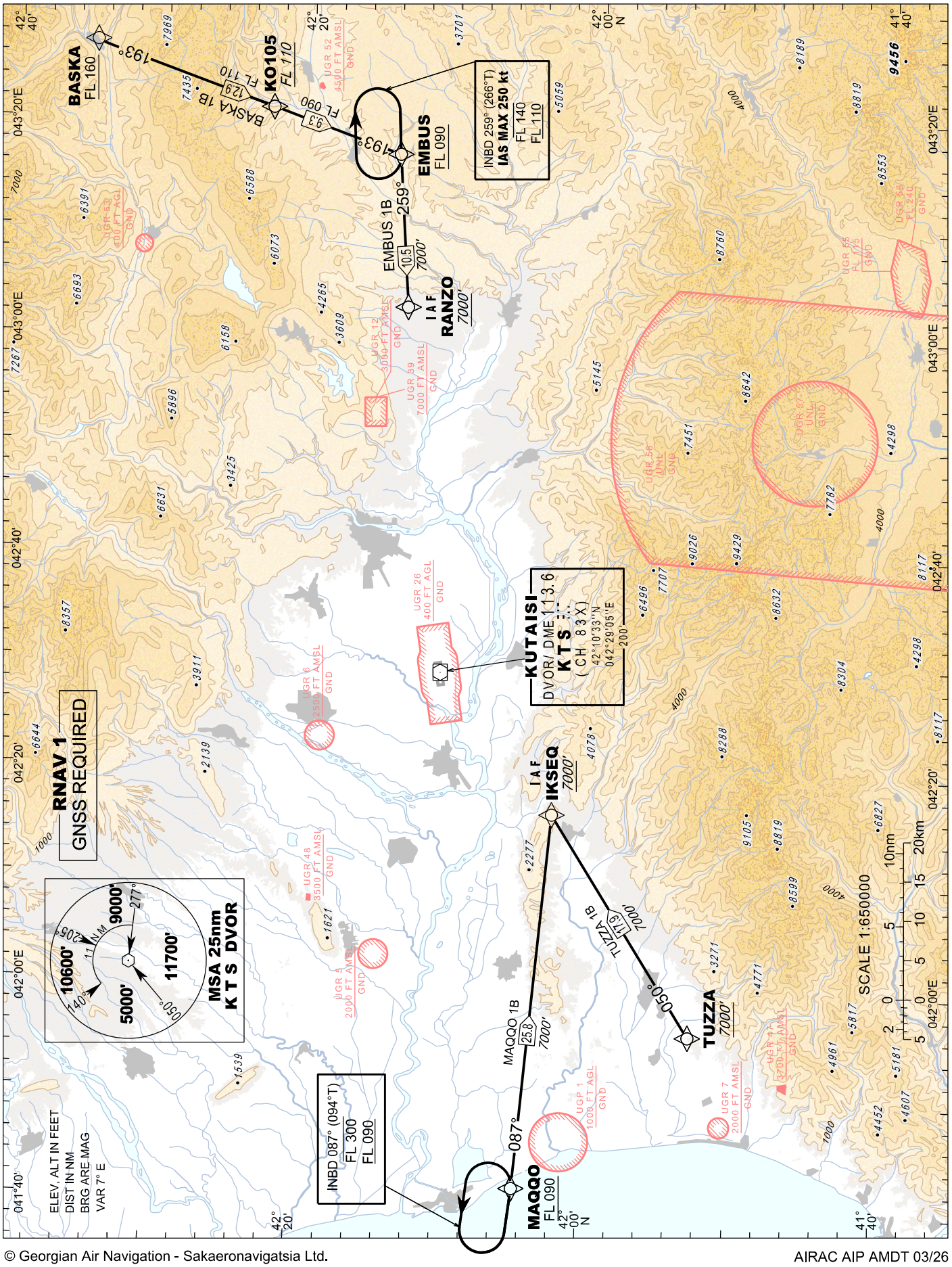
STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

TRANSITION LEVEL FL 090
TRANSITION ALTITUDE 7000'

APP 127.100
TWR 125.500
ATIS 119.950

KUTAISI/Kopitnari (UGKO)
RNAV RWY 25

TUZZA 1B MAQQO 1B
BASKA 1B EMBUS 1B



Changes: ATIS FREQ added

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INSTRUMENT APPROACH CHART - ICAO

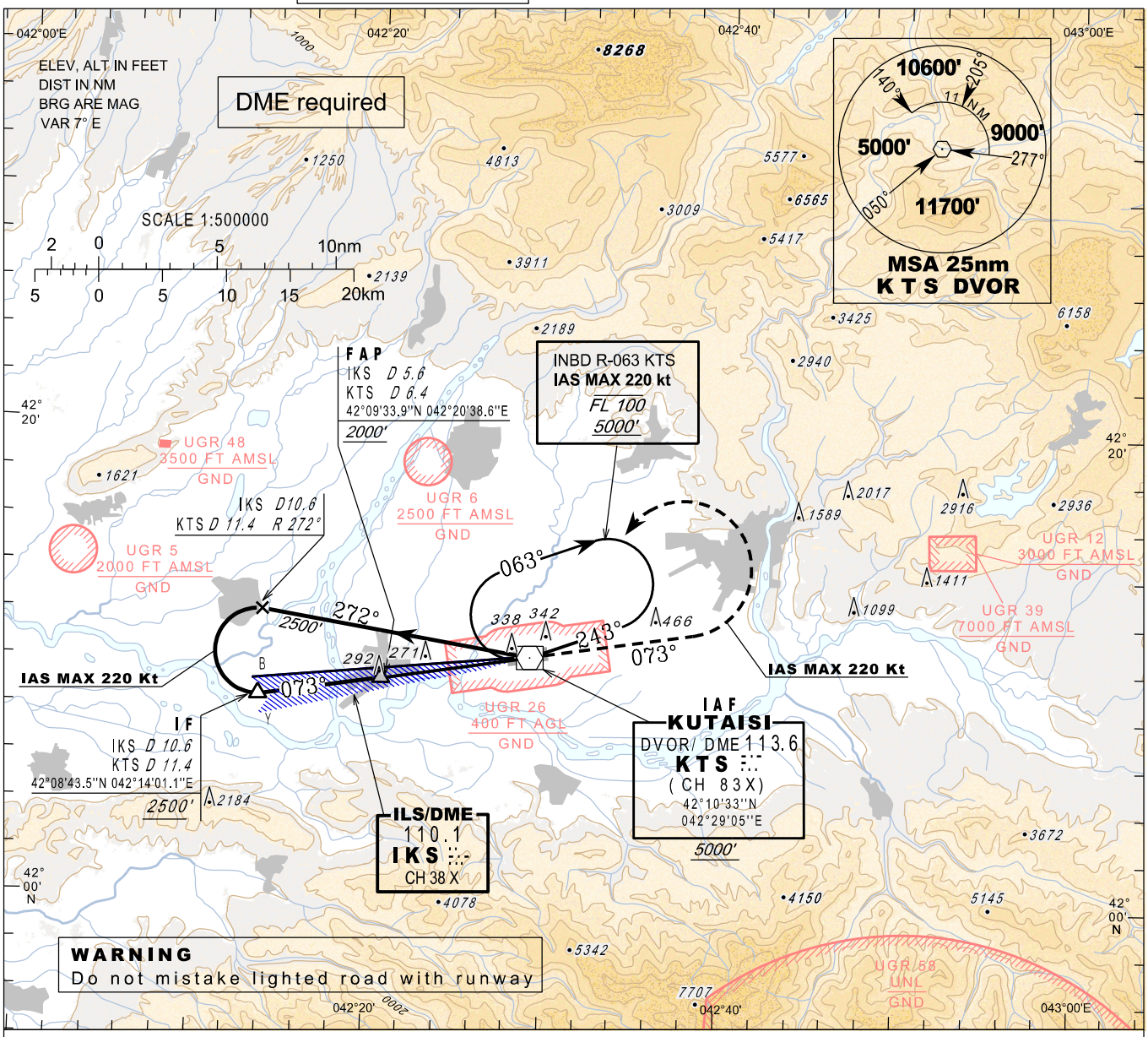
AERODROME ELEV 160'
HEIGHTS RELATED TO
THR RWY 07 - ELEV 133'

TRANSITION ALT 7000'

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI/Kopitnari (UGKO)

ILSy
RWY 07

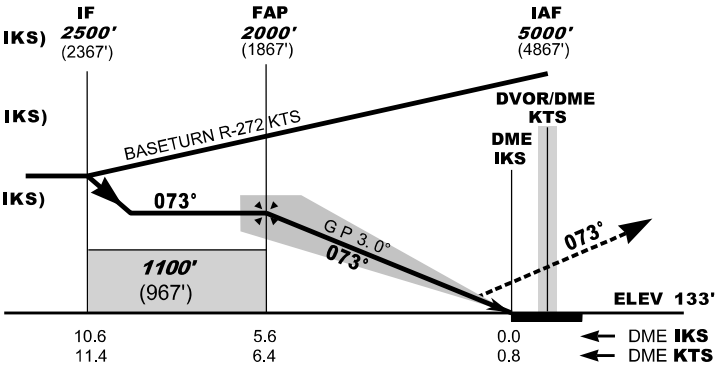


MISSED APPROACH

Normal:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left inbound **KTS** and follow **ATC** instructions.
IAS MAX 220kt

KTS DVOR Unserviceable:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left heading **255°** ,expect vectoring.
IAS MAX 220kt

Radio Communication Failure:
Climb straight ahead to **5000'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left inbound **KTS**, hold as published, when ready make new approach (ILS y or LOC y or VOR).
IAS MAX 220kt



Straight-in Approach	A	B	C	D
OCA(H)	**311** (178)	**321** (188)	**331** (198)	**341** (208)

DME IKS NM	5	4	3	2	1
DME KTS NM	5.8	4.8	3.8	2.8	1.8
ALT (HGT) ft	**1798** (1665)	**1472** (1339)	**1147** (1014)	**824** (691)	**503** (370)

ILS RDH 51'

Changes: ATIS FREQ added

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INSTRUMENT APPROACH CHART - ICAO

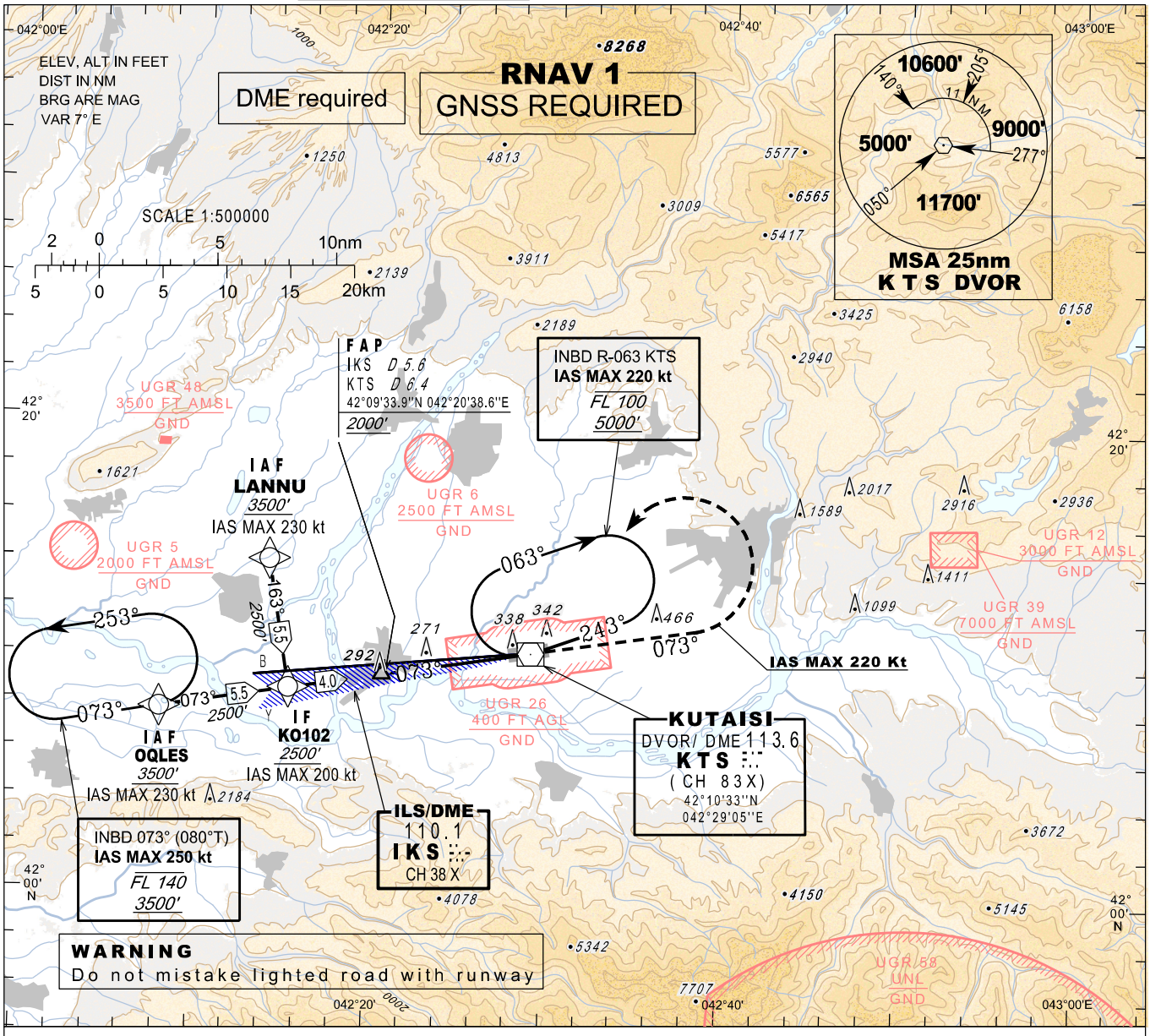
AERODROME ELEV 160'
HEIGHTS RELATED TO
THR RWY 07 - ELEV 133'

TRANSITION ALT 7000'

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI/Kopitnari (UGKO)

ILSz
RWY 07



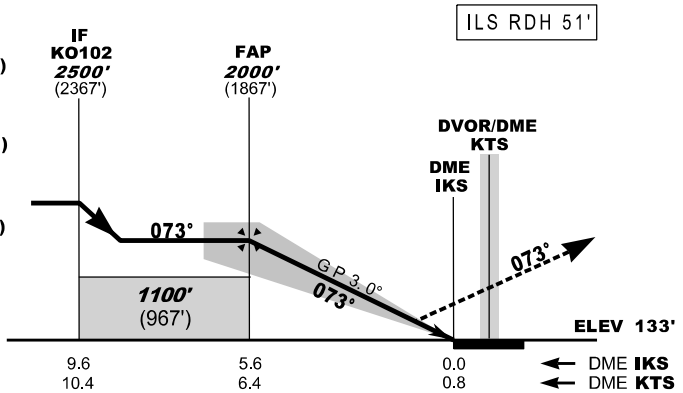
ILS RDH 51'

MISSED APPROACH

Normal:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left inbound **KTS** and follow **ATC** instructions.
IAS MAX 220kt

KTS DVOR Unserviceable:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left heading **255°**, expect vectoring.
IAS MAX 220kt

Radio Communication Failure:
Climb straight ahead to **5000'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left inbound **KTS**, hold as published, when ready make new approach (ILS y or LOC y or VOR).
IAS MAX 220kt



Straight-in Approach	A	B	C	D
OCA(H)	**311** (178)	**321** (188)	**331** (198)	**341** (208)

DME IKS NM	5	4	3	2	1
DME KTS NM	5.8	4.8	3.8	2.8	1.8
ALT (HGT) ft	**1798** (1665)	**1472** (1339)	**1147** (1014)	**824** (691)	**503** (370)

Changes: ATIS FREQ added

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INSTRUMENT APPROACH CHART - ICAO

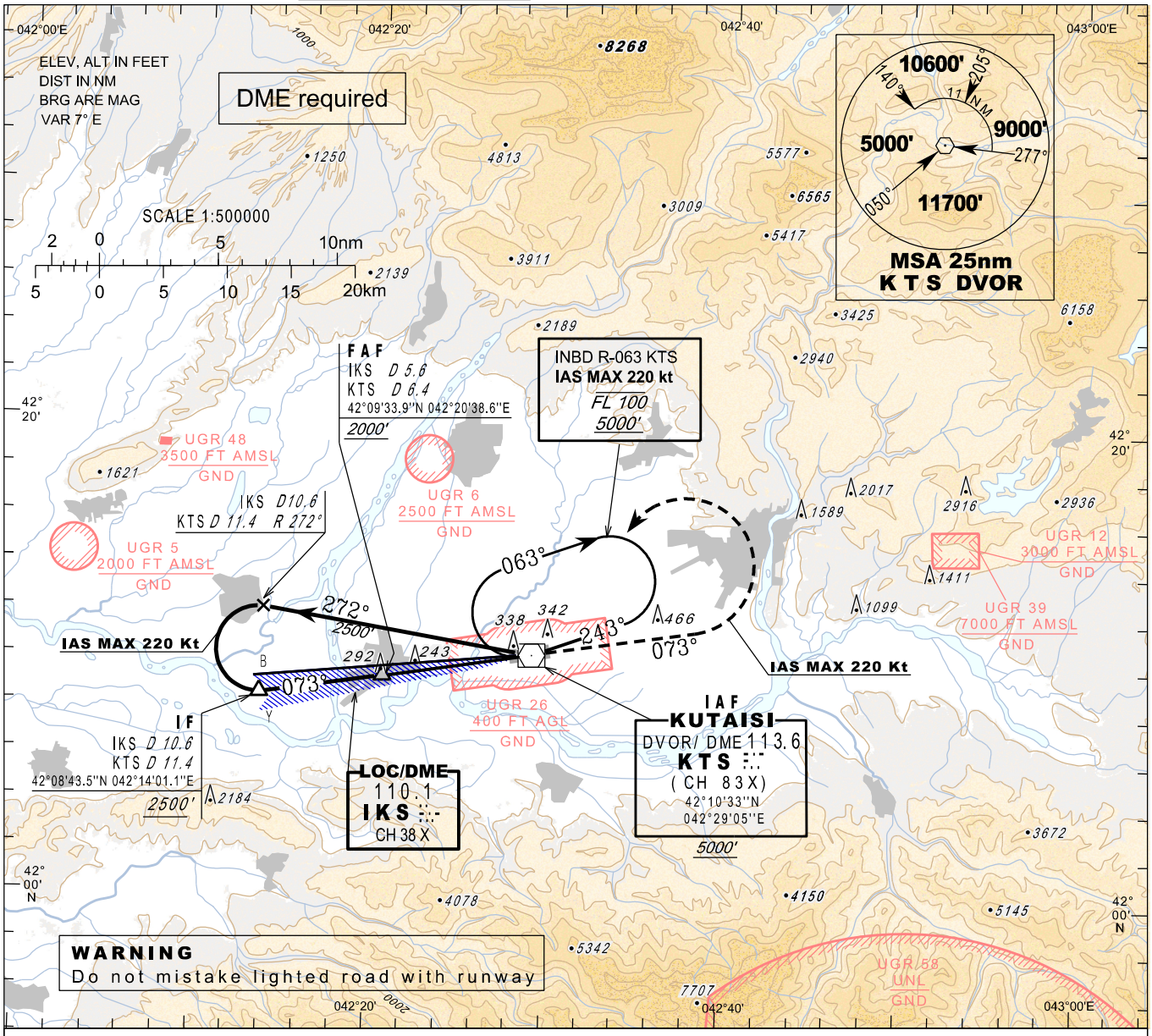
AERODROME ELEV 160'
HEIGHTS RELATED TO
THR RWY 07 - ELEV 133'

TRANSITION ALT 7000'

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI/Kopitnari (UGKO)

LOCy
RWY 07

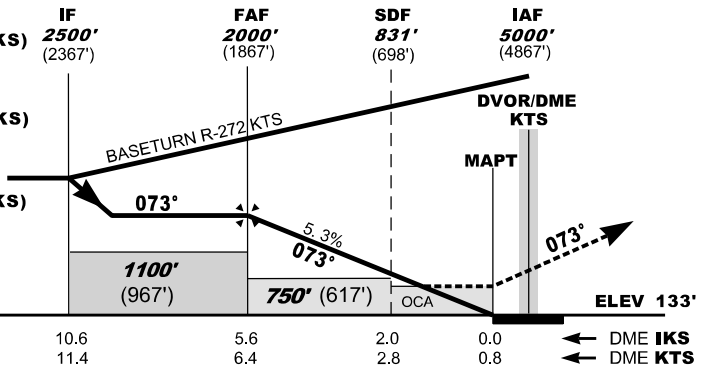


MISSED APPROACH

Normal:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left inbound **KTS** and follow **ATC** instructions.
IAS MAX 220kt

KTS DVOR Unserviceable:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left heading **255°**, expect vectoring.
IAS MAX 220kt

Radio Communication Failure:
Climb straight ahead to **5000'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left inbound **KTS**, hold as published, when ready make new approach (ILS y or LOC y or VOR).
IAS MAX 220kt



Straight-in Approach	A	B	C	D
OCA(H)	**480** (340)			

Timing is not authorised for defining the MAPT

DME IKS NM	5	4	3	2	1
DME KTS NM	5.8	4.8	3.8	2.8	1.8
ALT (HGT) ft	**1805** (1672)	**1481** (1348)	**1156** (1023)	**831** (698)	**507** (374)

Changes: ATIS FREQ added

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INSTRUMENT APPROACH CHART - ICAO

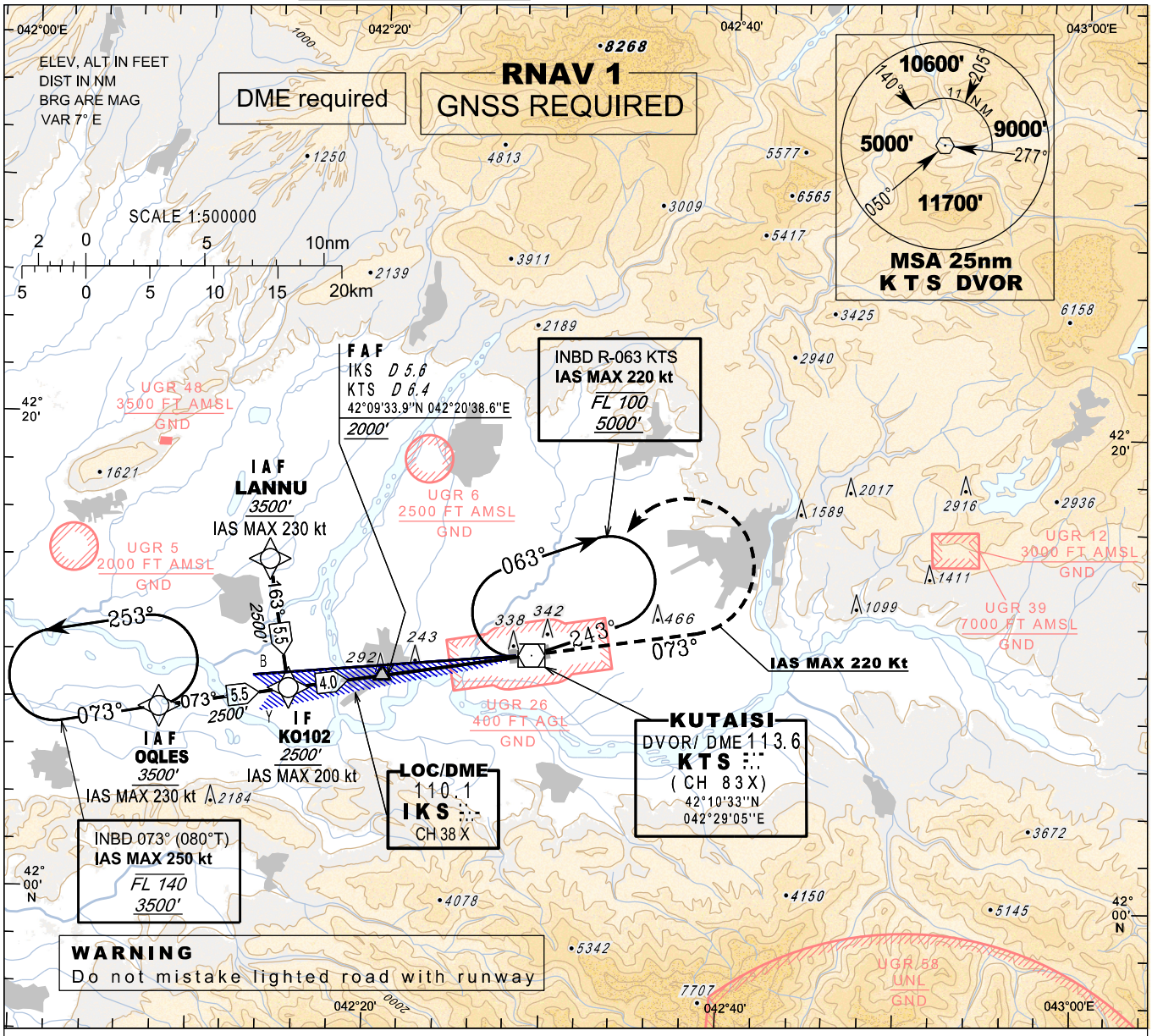
AERODROME ELEV 160'
HEIGHTS RELATED TO
THR RWY 07 - ELEV 133'

TRANSITION ALT 7000'

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI/Kopitnari (UGKO)

LOCz
RWY 07

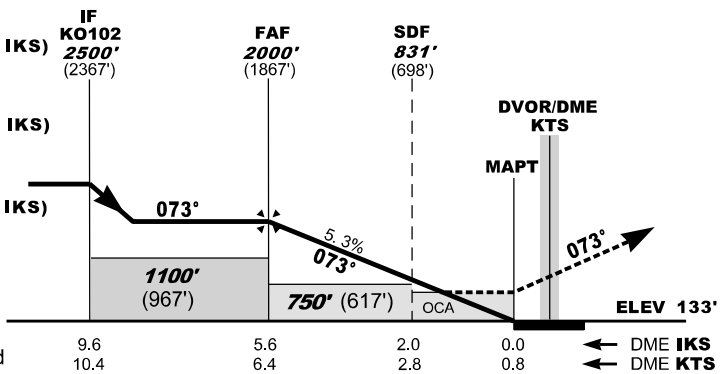


MISSED APPROACH

Normal:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left inbound **KTS** and follow **ATC** instructions.
IAS MAX 220kt

KTS DVOR Unserviceable:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left heading **255°**, expect vectoring.
IAS MAX 220kt

Radio Communication Failure:
Climb straight ahead to **5000'**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left inbound **KTS**, hold as published, when ready make new approach (ILS y or LOC y or VOR).
IAS MAX 220kt



Straight-in Approach	A	B	C	D
OCA(H)	**480** (340)			

Timing is not authorised for defining the MAPT

DME IKS NM	5	4	3	2	1
DME KTS NM	5.8	4.8	3.8	2.8	1.8
ALT (HGT) ft	**1805** (1672)	**1481** (1348)	**1156** (1023)	**831** (698)	**507** (374)

Changes: ATIS FREQ added

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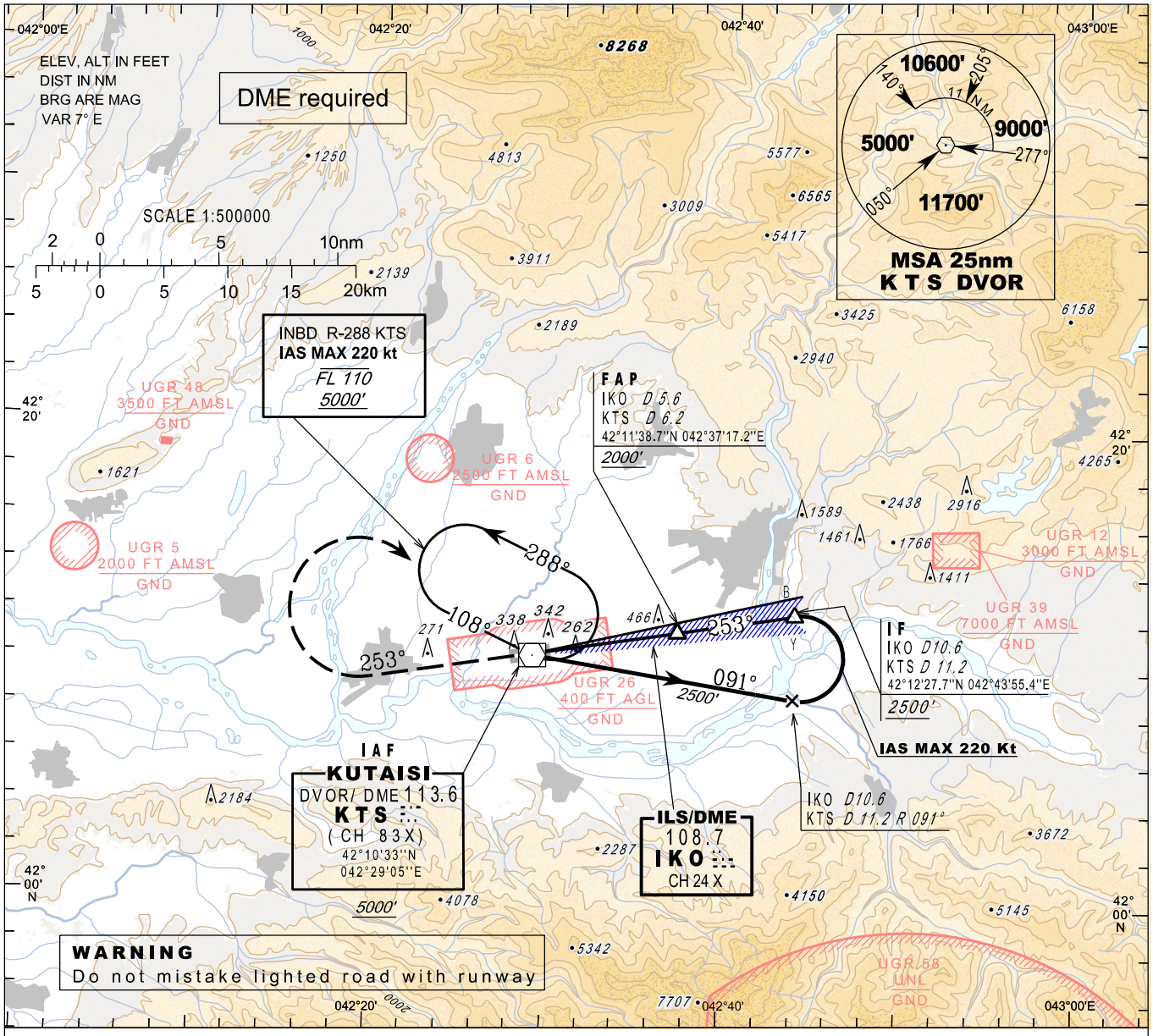
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 160'
HEIGHTS RELATED TO
THR RWY 25 - ELEV 160'

TRANSITION ALT 7000'

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI/Kopitnari (UGKO)
ILSy
RWY 25

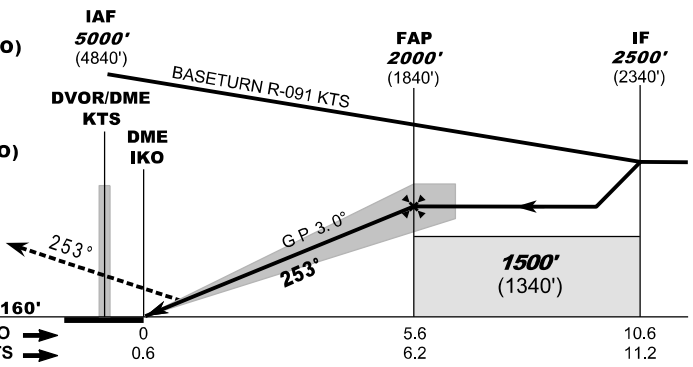


MISSED APPROACH

Normal:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.2 NM DME IKO)** turn right inbound **KTS** and follow **ATC** instructions.

KTS DVOR Unserviceable:
Climb straight ahead to **4500'**, expect vectoring.

Radio Communication Failure:
Climb straight ahead to **5000'**, at **7 NM DME KTS (7.2 NM DME IKO)** turn right inbound **KTS**, hold as published, when ready make new approach (ILSy or LOCy or VOR).



Straight-in Approach	A	B	C	D
OCA(H)	**330** (170)	**340** (180)	**350** (190)	**360** (200)

DME IKO NM	5	4	3	2	1
DME KTS NM	5.6	4.6	3.6	2.6	1.6
ALT (HGT) ft	**1825** (1665)	**1499** (1339)	**1174** (1014)	**851** (691)	**530** (370)

ILS RDH 51'

Changes: ATIS FREQ added

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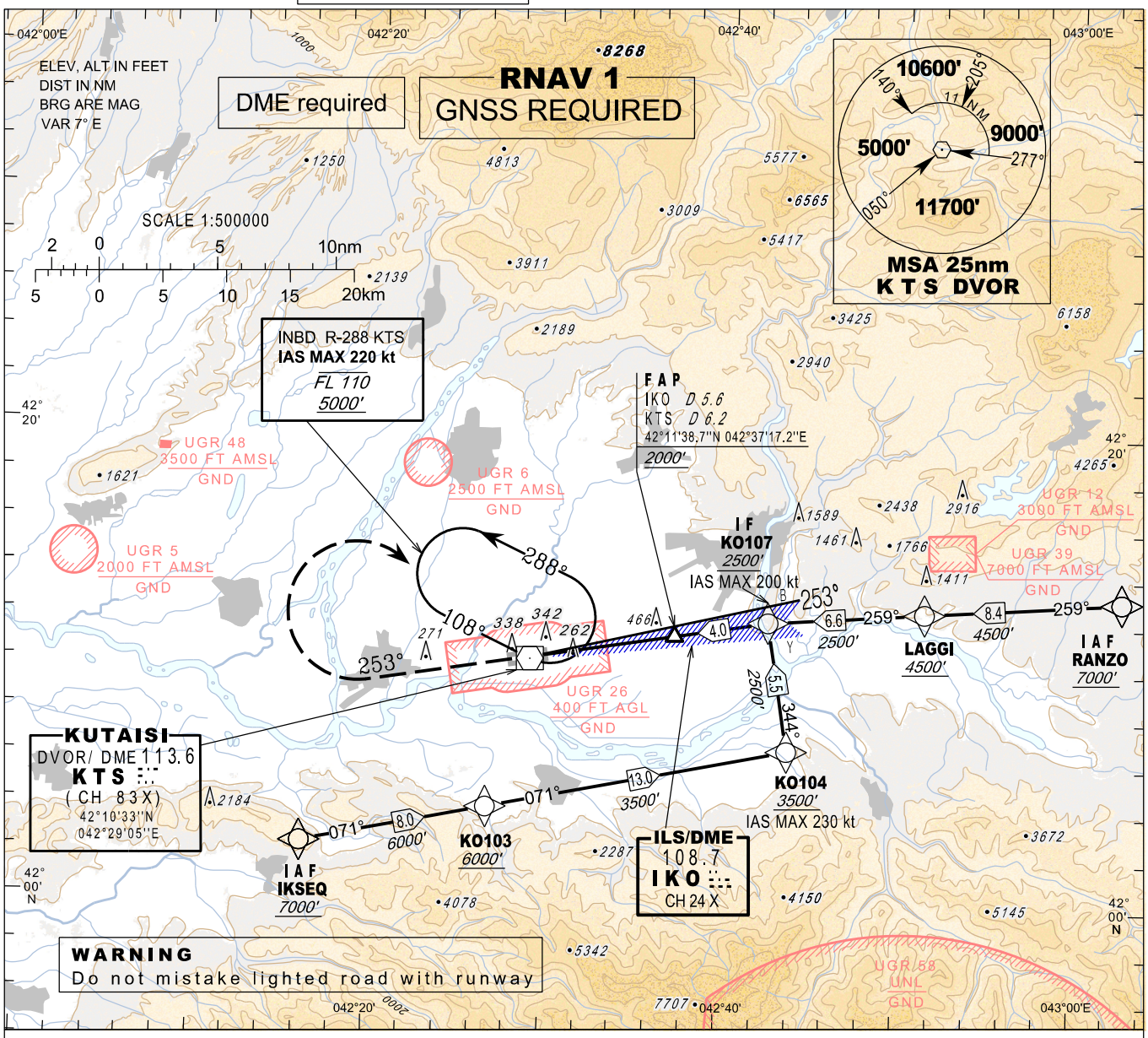
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 160'
HEIGHTS RELATED TO
THR RWY 25 - ELEV 160'

TRANSITION ALT 7000'

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI/Kopitnari (UGKO)
ILSz
RWY 25



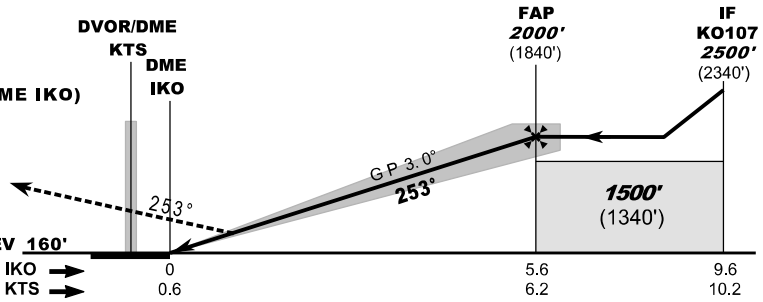
MISSED APPROACH

Normal:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.2 NM DME IKO)** turn right inbound **KTS** and follow **ATC** instructions.

KTS DVOR Unserviceable:
Climb straight ahead to **4500'**, expect vectoring.

Radio Communication Failure:
Climb straight ahead to **5000'**, at **7 NM DME KTS (7.2 NM DME IKO)** turn right inbound **KTS**, hold as published, when ready make new approach (ILSy or LOCy or VOR).

ILS RDH 51'



Straight-in Approach	A	B	C	D
OCA(H)	**330** (170)	**340** (180)	**350** (190)	**360** (200)

DME IKO NM	5	4	3	2	1
DME KTS NM	5.6	4.6	3.6	2.6	1.6
ALT (HGT) ft	**1825** (1665)	**1499** (1339)	**1174** (1014)	**851** (691)	**530** (370)

Changes: ATIS FREQ added

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INSTRUMENT APPROACH CHART - ICAO

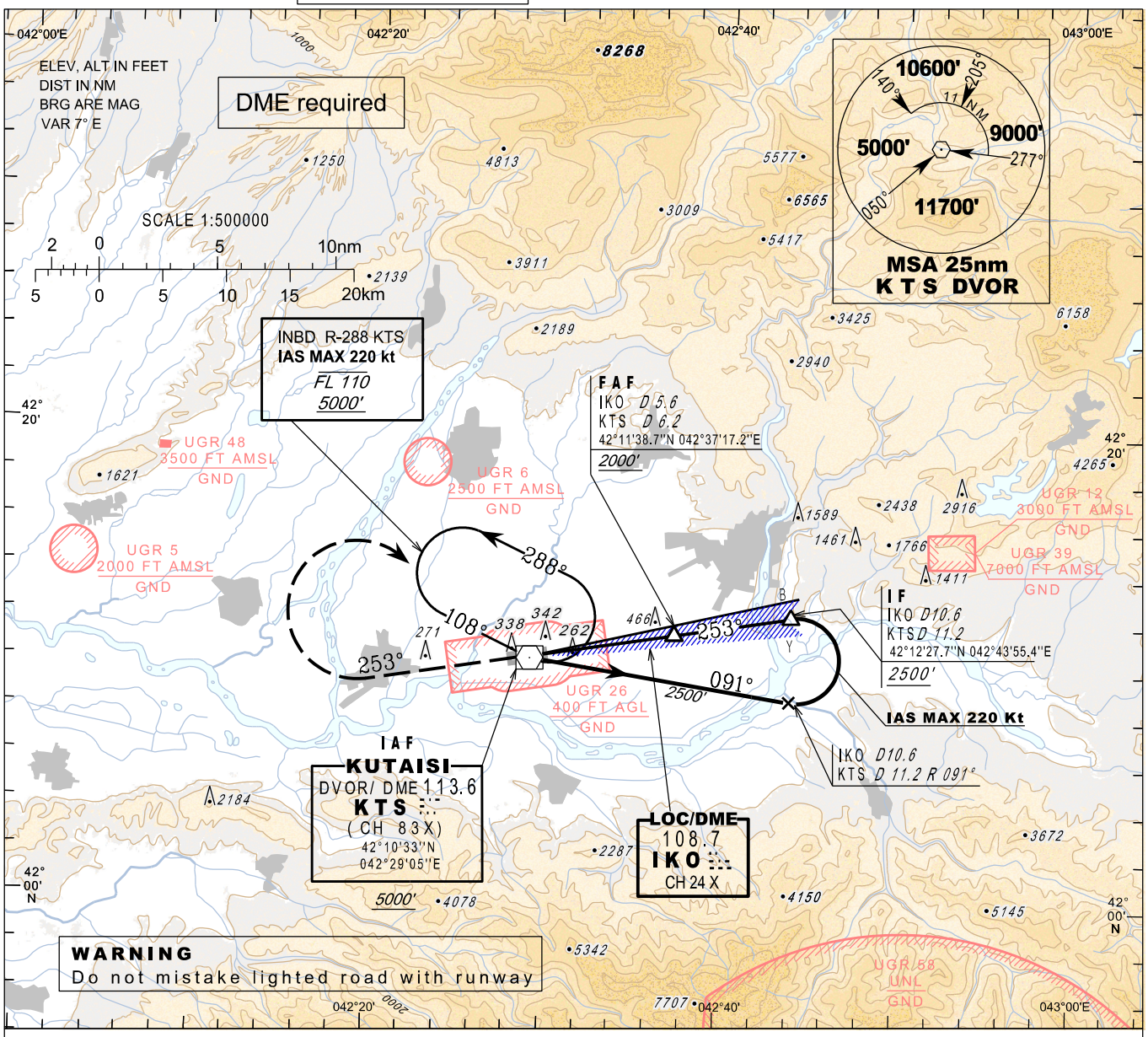
AERODROME ELEV 160'
HEIGHTS RELATED TO
THR RWY 25 - ELEV 160'

TRANSITION ALT 7000'

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI/Kopitnari (UGKO)

LOCy
RWY 25



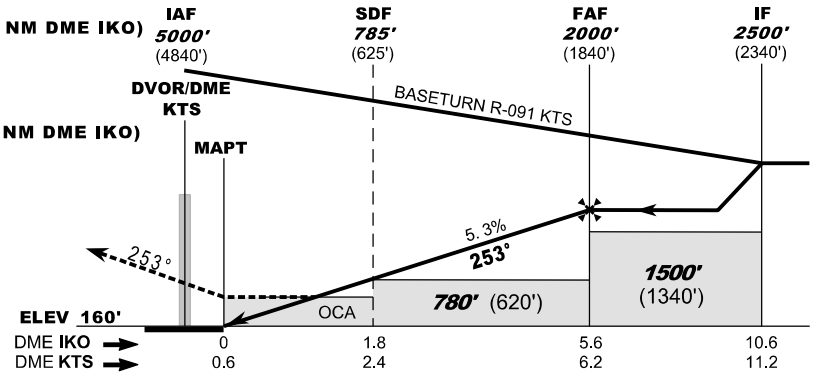
MISSED APPROACH

Normal:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.2 NM DME IKO)** turn right inbound **KTS** and follow **ATC** instructions.

KTS DVOR Unserviceable:
Climb straight ahead to **4500'**, expect vectoring.

Radio Communication Failure:
Climb straight ahead to **5000'**, at **7 NM DME KTS (7.2 NM DME IKO)** turn right inbound **KTS**, hold as published, when ready make new approach (ILSy or LOCy or VOR).

Timing is not authorised for defining the MAPT



Straight-in Approach	A	B	C	D
OCA(H)	**510** (350)			

DME IKO NM	5	4	3	2	1
DME KTS NM	5.6	4.6	3.6	2.6	1.6
ALT (HGT) ft	**1808** (1648)	**1488** (1328)	**1169** (1009)	**849** (689)	**529** (369)

Changes: ATIS FREQ added

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INSTRUMENT APPROACH CHART - ICAO

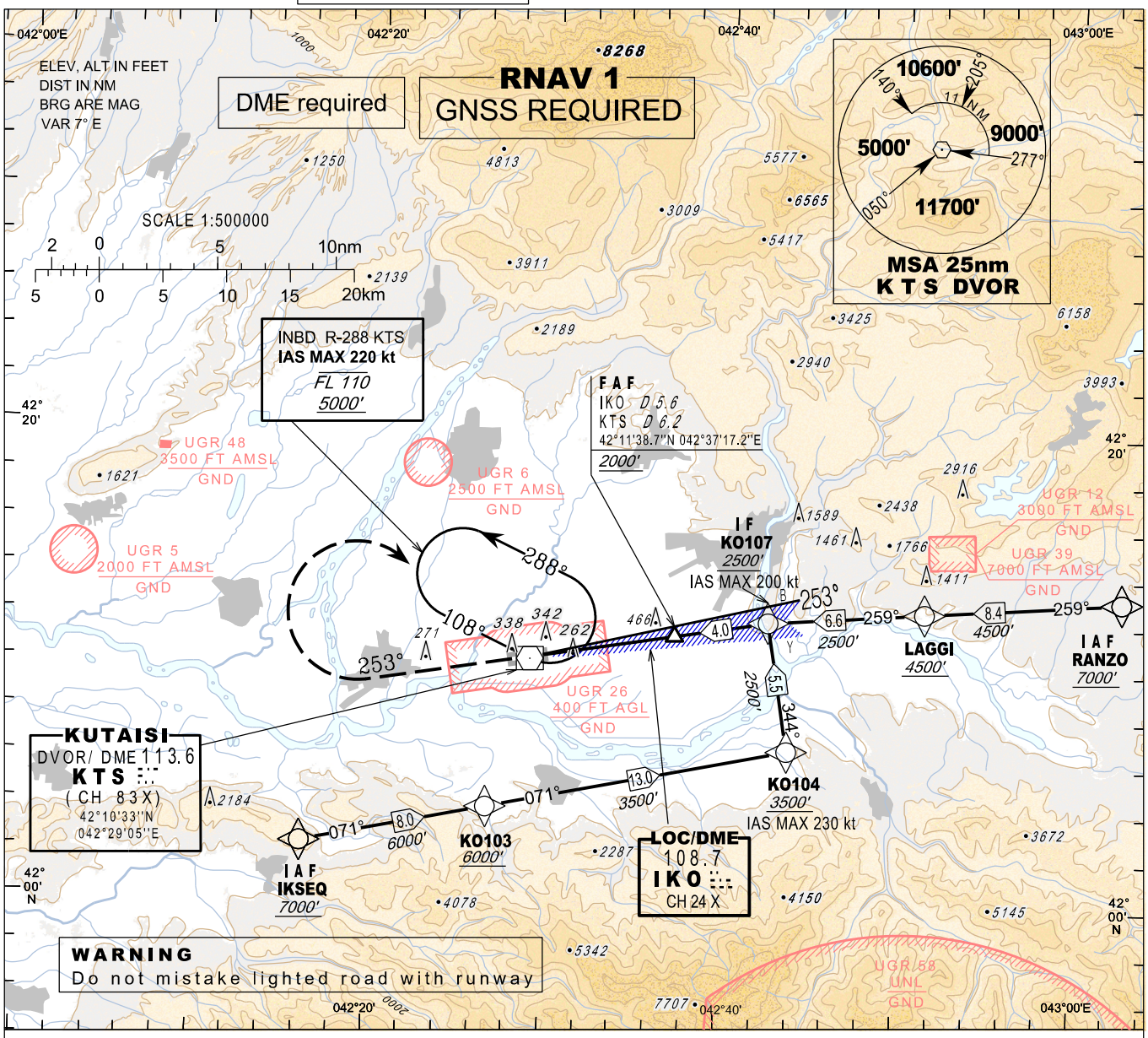
AERODROME ELEV 160'
HEIGHTS RELATED TO
THR RWY 25 - ELEV 160'

TRANSITION ALT 7000'

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI/Kopitnari (UGKO)

LOCz
RWY 25



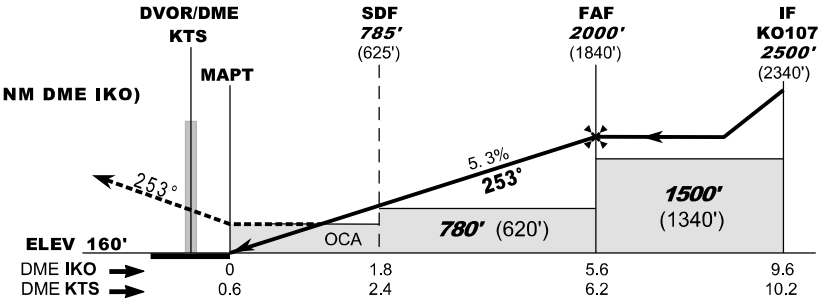
MISSED APPROACH

Normal:
Climb straight ahead to **3500'**, at **7 NM DME KTS (7.2 NM DME IKO)** turn right inbound **KTS** and follow **ATC** instructions.

KTS DVOR Unserviceable:
Climb straight ahead to **4500'**, expect vectoring.

Radio Communication Failure:
Climb straight ahead to **5000'**, at **7 NM DME KTS (7.2 NM DME IKO)** turn right inbound **KTS**, hold as published, when ready make new approach (ILSy or LOCy or VOR).

Timing is not authorised for defining the MAPT



Straight-in Approach	A	B	C	D
OCA(H)	**510** (350)			

DME IKO NM	5	4	3	2	1
DME KTS NM	5.6	4.6	3.6	2.6	1.6
ALT (HGT) ft	**1808** (1648)	**1488** (1328)	**1169** (1009)	**849** (689)	**529** (369)

Changes: ATIS FREQ added

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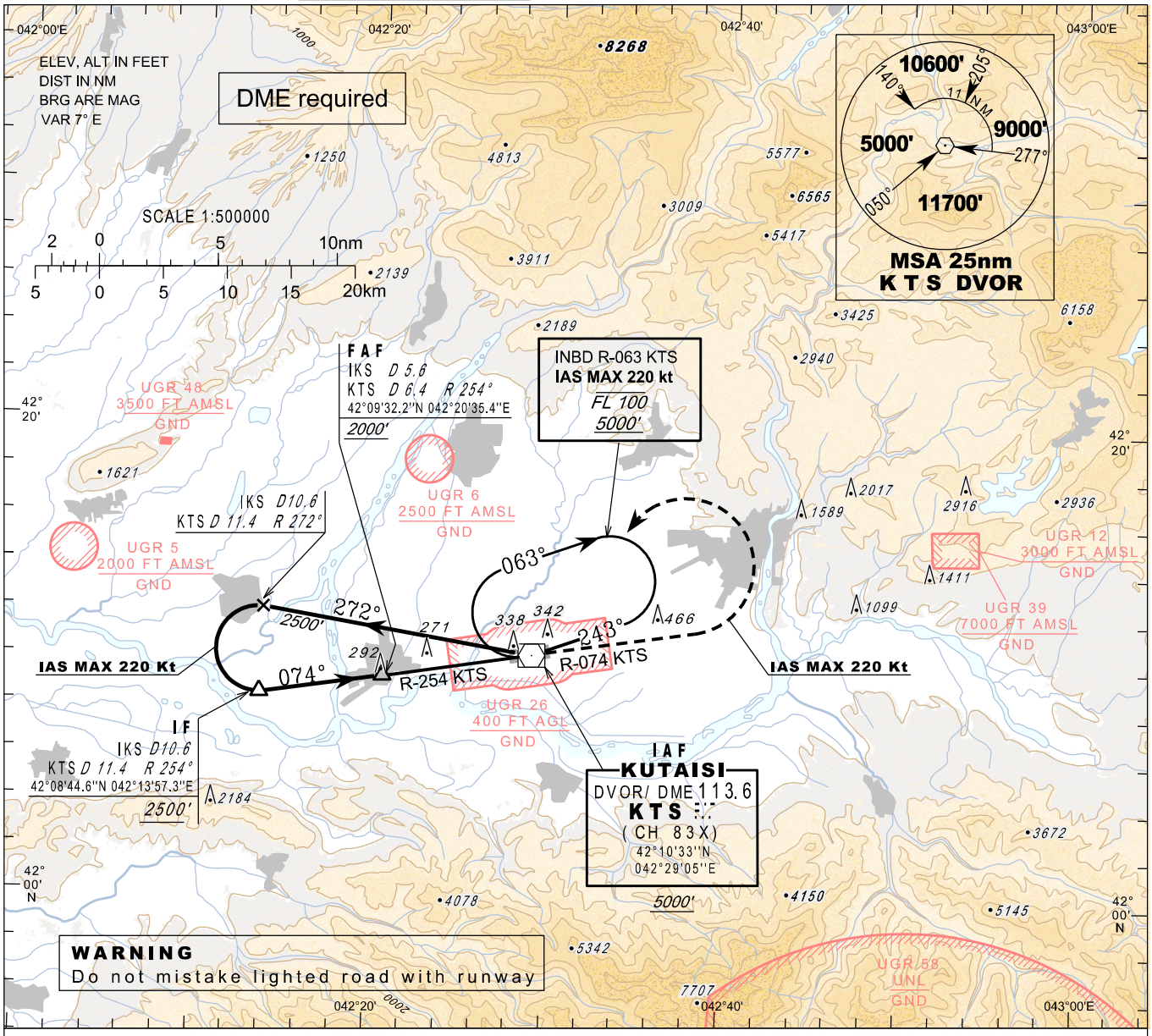
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 160'
HEIGHTS RELATED TO
THR RWY 07 - ELEV 133'

TRANSITION ALT 7000'

APP	127.100
TWR	125.500
ATIS	119.950

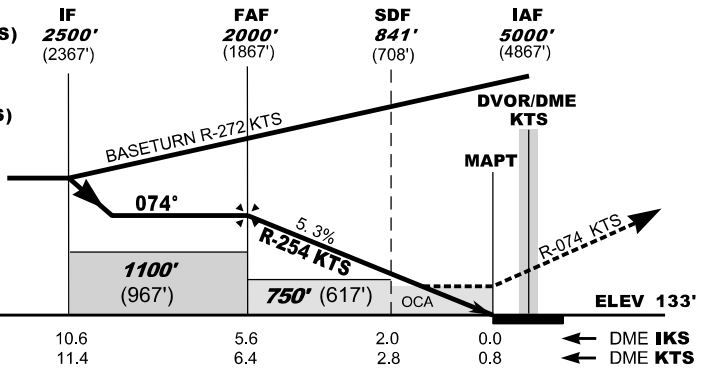
KUTAISI/Kopitnari (UGKO)
VOR
RWY 07



MISSED APPROACH

Normal:
Climb **3500'** on **R-074 KTS**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left inbound **KTS** and follow **ATC** instructions.
IAS MAX 220kt

Radio Communication Failure:
Climb **5000'** on **R-074 KTS**, at **7 NM DME KTS (7.4 NM DME IKS)** turn left inbound **KTS**, hold as published, when ready make new approach. IAS MAX 220kt



Straight-in Approach	A	B	C	D
OCA(H)	**590** (460)			

Timing is not authorised for defining the MAPT

DME KTS NM	6	5	4	3	2	1
DME IKS NM	5.2	4.2	3.2	2.2	1.2	0.2
ALT (HGT) ft	**1871** (1738)	**1549** (1416)	**1227** (1094)	**905** (772)	**583** (450)	**261** (128)

Changes: ATIS FREQ added

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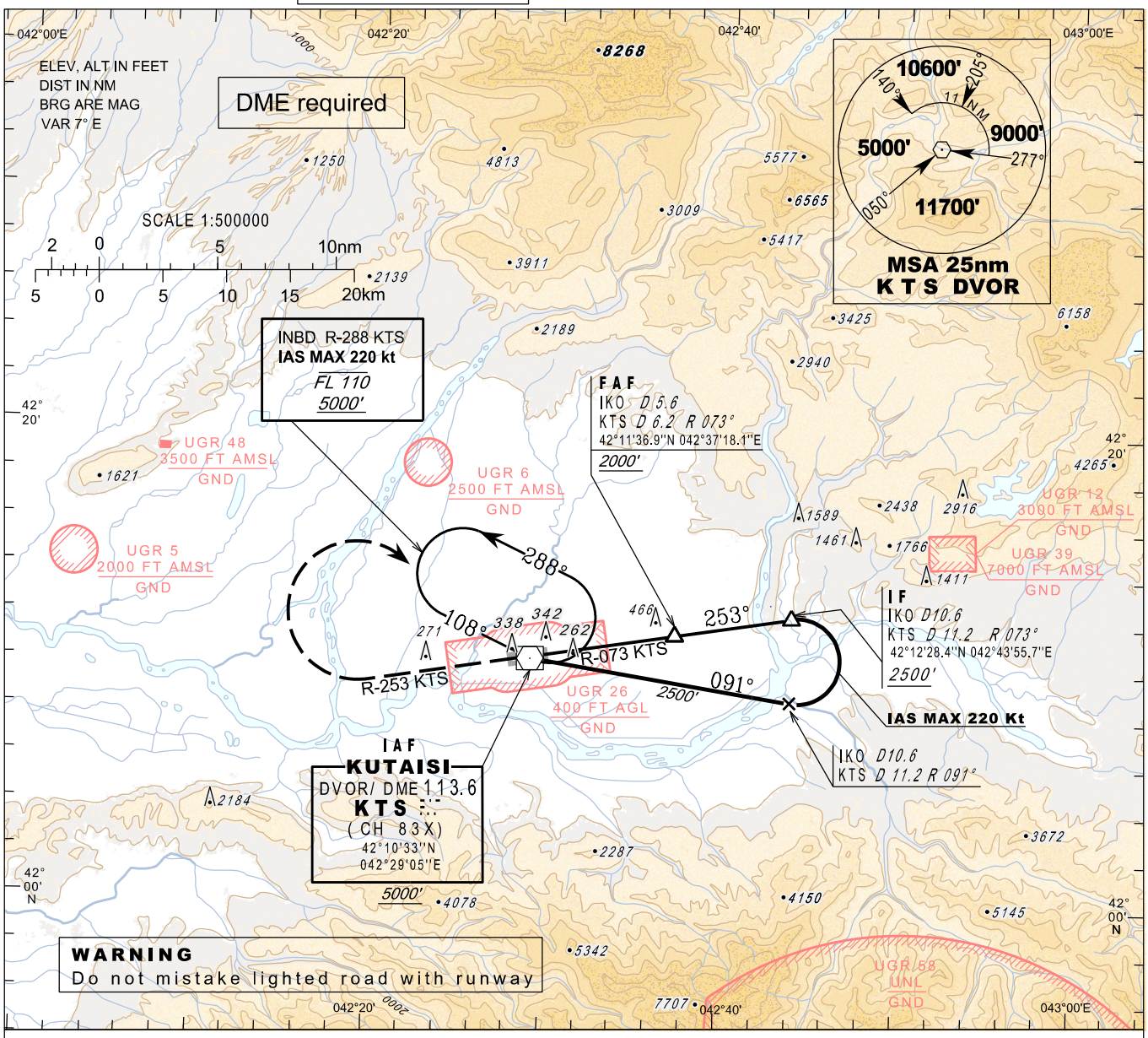
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 160'
HEIGHTS RELATED TO
THR RWY 25 - ELEV 160'

TRANSITION ALT 7000'

APP	127.100
TWR	125.500
ATIS	119.950

KUTAISI/Kopitnari (UGKO)
VOR
RWY 25

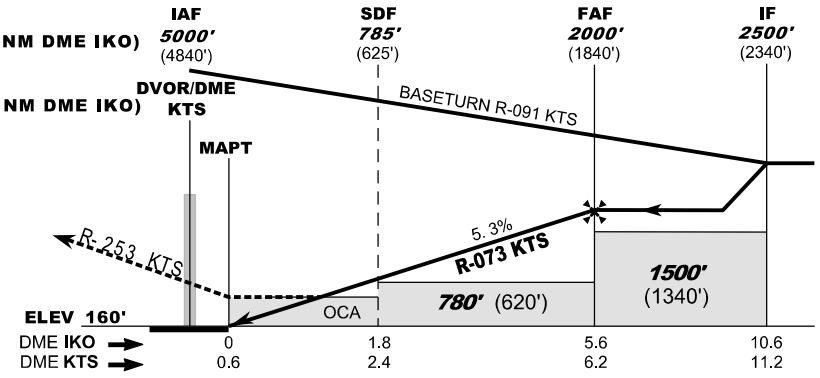


MISSED APPROACH

Normal:
Climb **3500'** on **R-253 KTS**, at **7 NM DME KTS (7.2 NM DME IKO)** turn right inbound **KTS** and follow **ATC** instructions.

Radio Communication Failure:
Climb **5000'** on **R-253 KTS**, at **7 NM DME KTS (7.2 NM DME IKO)** turn right inbound **KTS** , hold as published, when ready make new approach.

Timing is not authorised for defining the MAPT



Straight-in Approach	A	B	C	D
OCA(H)	**510** (350)			

DME KTS NM	6	5	4	3	2	1
DME IKO NM	5.4	4.4	3.4	2.4	1.4	0.4
ALT (HGT) ft	**1936** (1776)	**1617** (1457)	**1297** (1137)	**978** (818)	**658** (498)	**339** (179)

Changes: ATIS FREQ added

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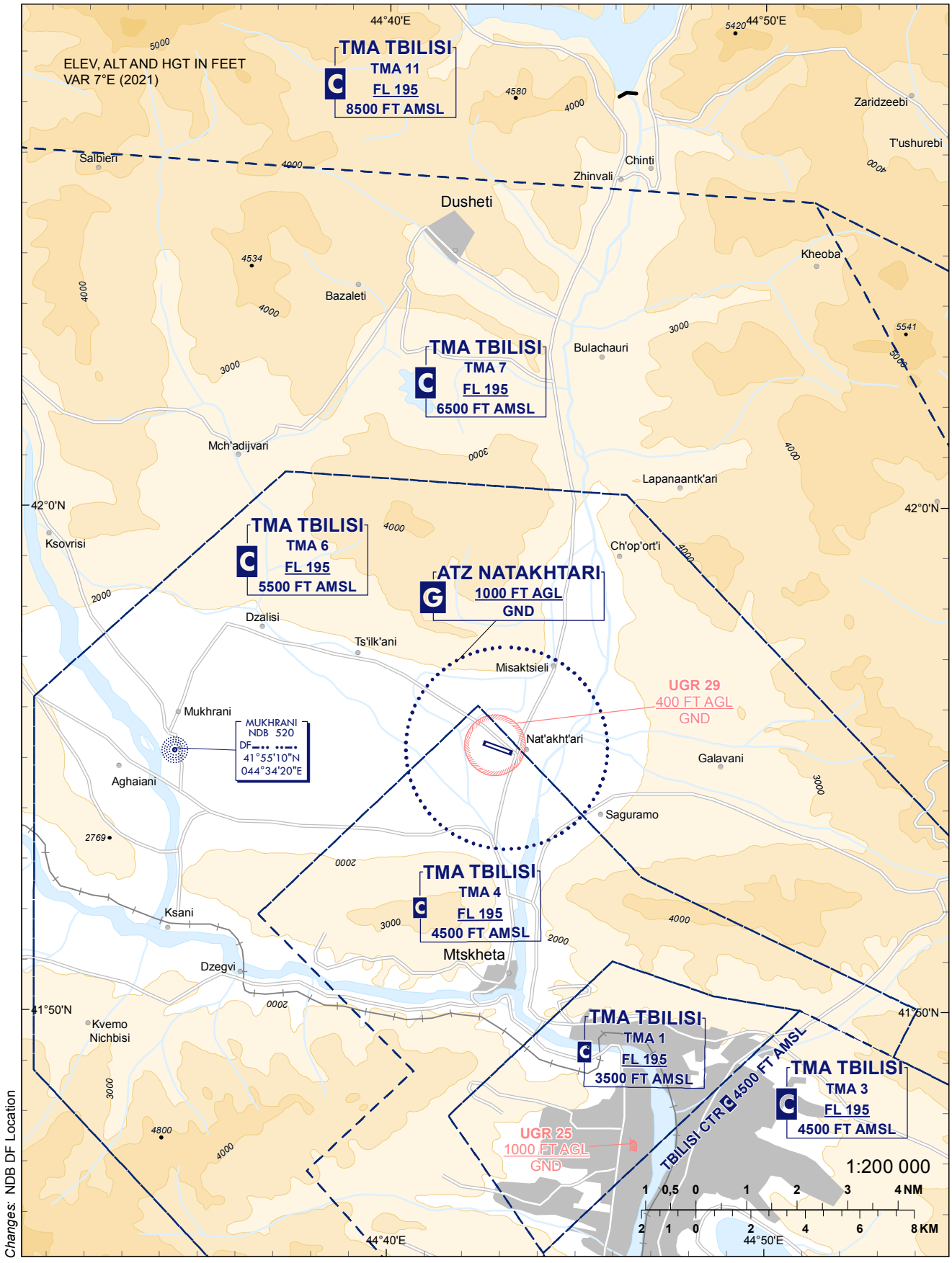
VISUAL APPROACH CHART - ICAO

NATAKHTARI (UGSA)

AERODROME ELEV. 1687'

NATAKHTARI 131.750



Changes: NDB DF Location

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UGSB AD 2.13 Declared distances

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
12	2500	2500	2500	2500	NIL
30	2500	2500	2500	2500	NIL

UGSB AD 2.14 Approach and runway lighting

RWY Designator	APCH LGT type, LEN, INTST	THR LGT, colour, WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST
1	2	3	4	5	6
12	HIALS 210 M LIH	GREEN	PAPI Left/3.0° (51 FT)	NIL	NIL
30	NIL	NIL	NIL	NIL	NIL

RWY Designator	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour, WBAR	SWY LGT LEN, colour	Remarks
1	7	8	9	10
12	2500 M, 60 M White FM 1900 M Yellow LIH	RED	NIL	NIL
30	2500 M, 60 M White FM 1900 M Yellow LIH	RED	NIL	NIL

UGSB AD 2.15 Other lighting and secondary power supply

1	**ABN/IBN location, characteristics and hours of operation**	ABN: At Tower Building, rotating light beacon, RPM 12, code W/G, SS-SR IBN: NIL
2	**LDI location and LGT** **Anemometer location and LGT**	NIL NIL
3	**TWY edge and centre line lighting**	CL: NIL Edge: All TWY
4	**Secondary power supply/switch-over time**	Secondary power supply to all lighting at AD. Switch-over time: 1 SEC.
5	**Remarks**	NIL

UGSB AD 2.16 Helicopter landing area

1	**Coordinates TLOF or THR of FATO** **Geoid undulation**	NIL

2	**TLOF and/or FATO elevation M/FT**	NIL
3	**TLOF and FATO area dimensions, surface, strength, marking**	NIL
4	**True BRG of FATO**	NIL
5	**Declared distance available**	NIL
6	**APP and FATO lighting**	NIL
7	**Remarks**	NIL

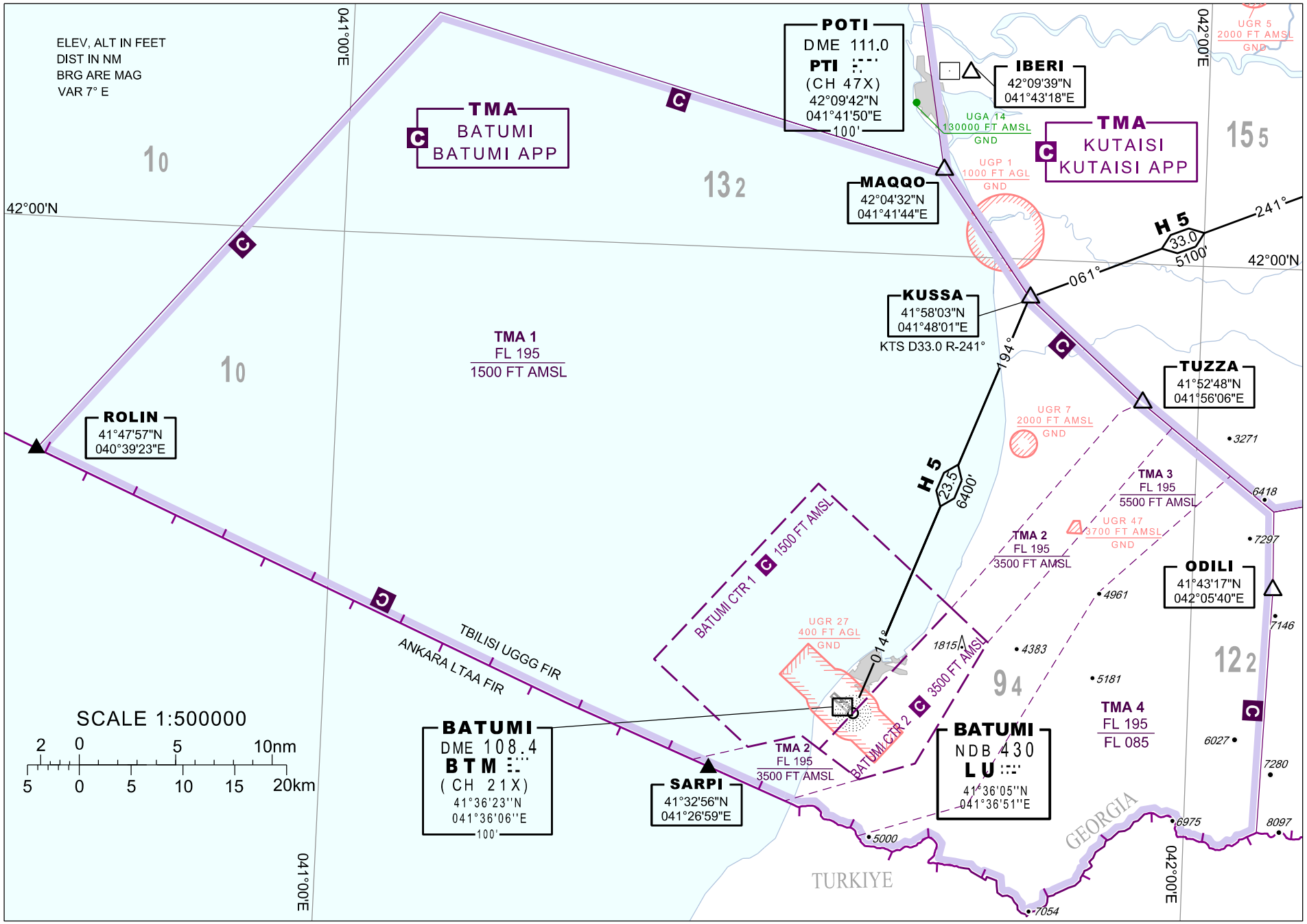
UGSB AD 2.17 Air traffic services airspace

1	Designation and lateral limits	BATUMI CTR 1 413413N 0413429E - 413450N 0413319E - 413406N 0412939E - 413828N 0412254E - 414757N 0413350E - 414149N 0414316E - 413413N 0413429E	BATUMI CTR 2 413239N 0413727E - 413413N 0413429E - 414149N 0414316E - 414002N 0414600E - 413335N 0414117E - 413239N 0413727E
2	Vertical limits	GND to 1500 FT AMSL	GND to 3500 FT AMSL
3	Airspace classification	C	
4	ATS unit call sign Language(s)	BATUMI TOWER EN	
5	Transition altitude	7000 FT AMSL	
6	Hours of applicability	H24	
7	Remarks	NIL	

UGSB AD 2.18 Air traffic services communication facilities

Service designation	Call sign	Channel(s)	SATVOICE number(s)	Logon address	Hours of operation	Remarks
1	**2**	**3**	**4**	**5**	**6**	**7**
APP	BATUMI APPROACH	124.425 MHz	NIL	NIL	H24	NIL
		121.500 MHz	NIL	NIL		Emergency
TWR	BATUMI TOWER	118.600 MHz	NIL	NIL	H24	NIL
ATIS	BATUMI ATIS	129.500 MHz	NIL	NIL	H24	NIL

Changes: ATIS FREQ added



AREA CHART - ICAO

BATUMI TMA

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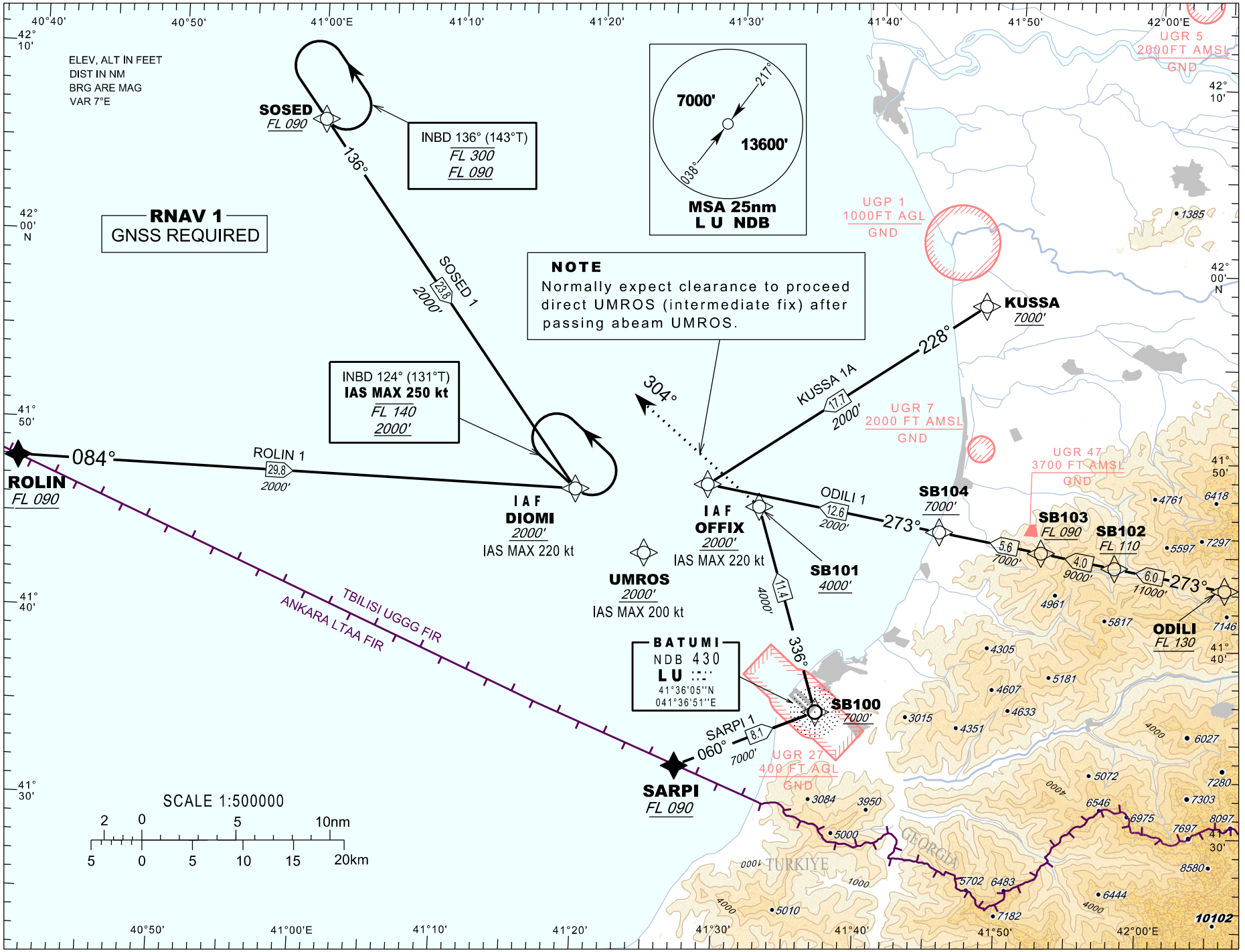
Changes: ATIS FREQ added

STANDARD ARRIVAL CHART- INSTRUMENT (STAR) - ICAO

BATUMI (UGSB)

RNAV RWY 12

ROLIN 1 SOSED 1 SARPI 1
KUSSA 1A ODILI 1



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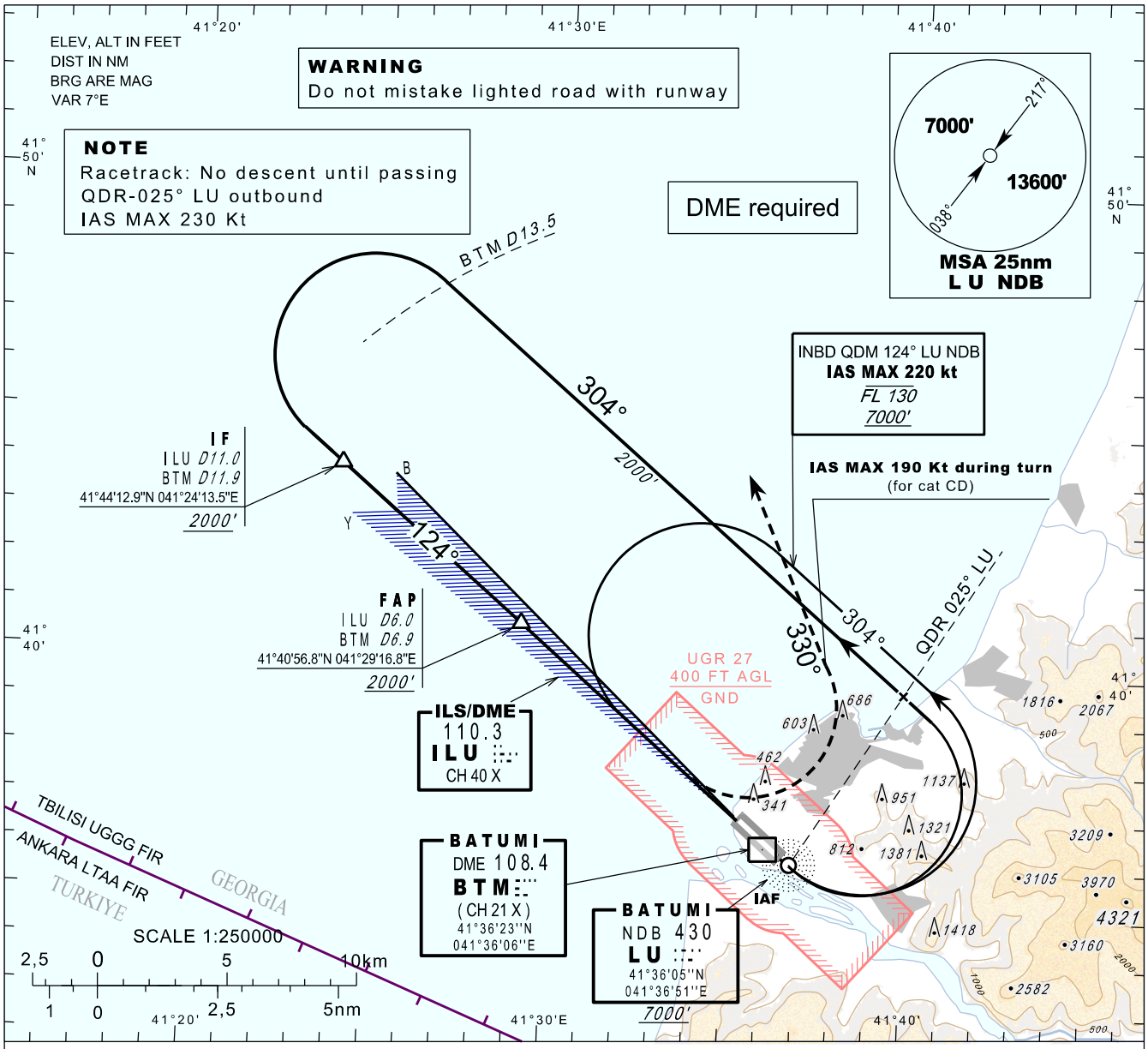
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 37'
HEIGHTS RELATED TO
THR RWY 12 - ELEV 17'

TRANSITION ALT 7000'

APP	124.425
TWR	118.600
ATIS	129.500

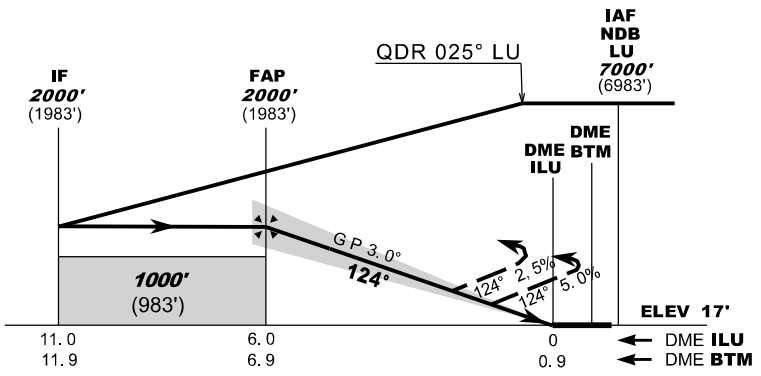
BATUMI (UGSB)
ILSy
RWY 12



MISSED APPROACH

Climb straight ahead. At **800'** turn left heading **330°** climbing to **3000'** and follow ATC instructions.
IAS MAX 190 KT until turn is completed (for cat CD).

ILS RDH 51'



Straight-in Approach				
Missed APCH climb gradient	OCA (H)			
	A	B	C	D
2.5%	**687** (670)		**787** (770)	
5.0%	**377** (360)	**487** (470)		

DME ILU NM	6	5	4	3	2	1
DME BTM NM	6.9	5.9	4.9	3.9	2.9	1.9
ALT (HGT) ft	**2010** (1993)	**1682** (1665)	**1355** (1338)	**1031** (1014)	**708** (691)	**387** (370)

Changes: ATIS FREQ added

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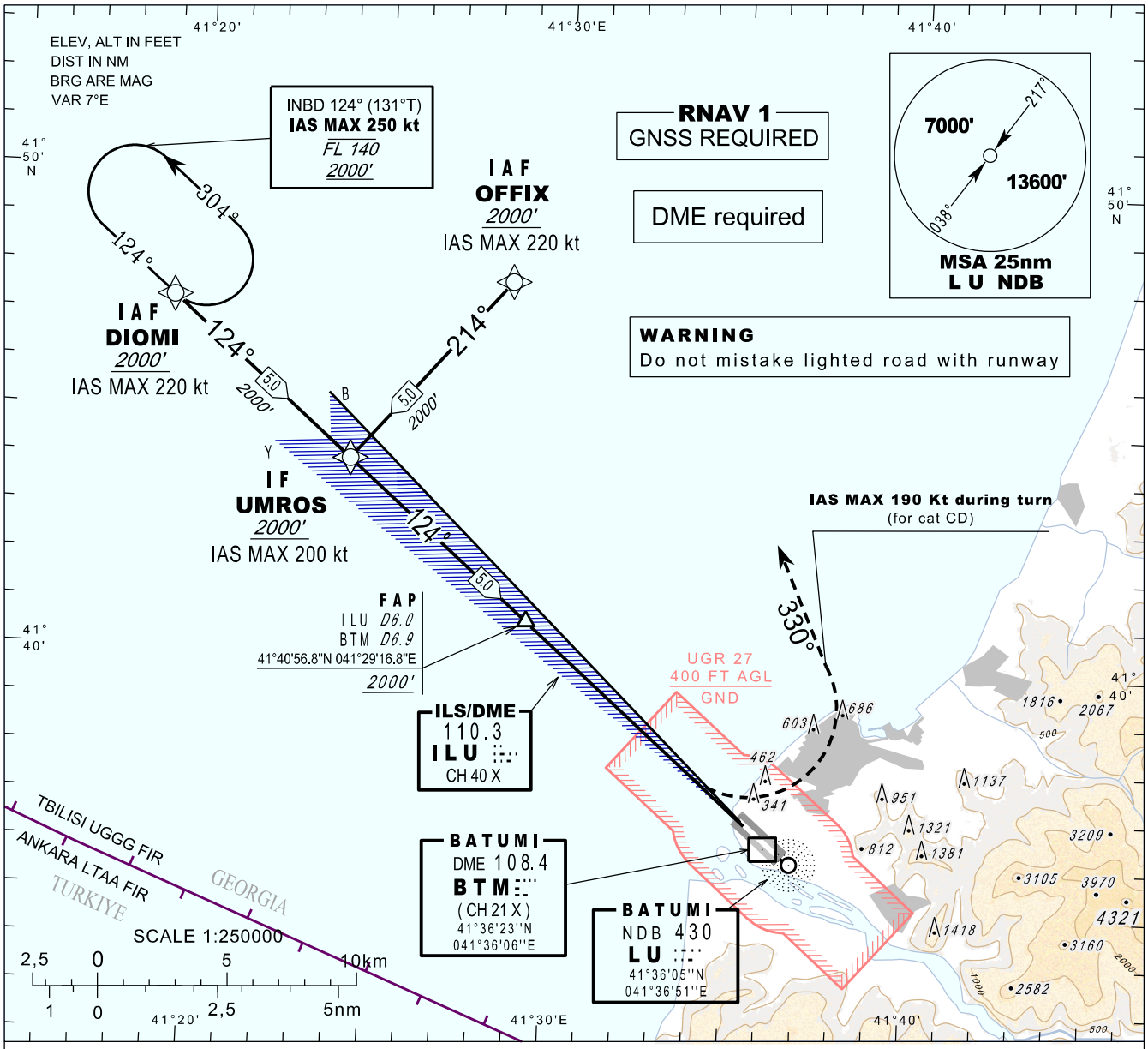
INSTRUMENT APPROACH CHART - ICAO

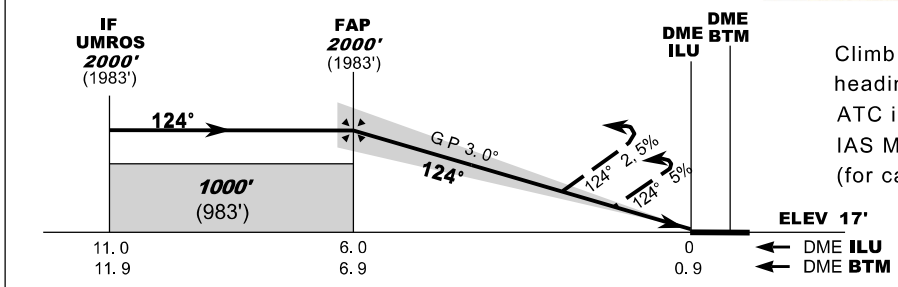
AERODROME ELEV 37'
HEIGHTS RELATED TO
THR RWY 12 - ELEV 17'

TRANSITION ALT 7000'

APP	124.425
TWR	118.600
ATIS	129.500

BATUMI (UGSB)
ILSz
RWY 12





MISSED APPROACH
Climb straight ahead. At **800'** turn left heading **330°** climbing to **3000'** and follow ATC instructions.
IAS MAX 190 KT until turn is completed (for cat CD).

Straight-in Approach				
Missed APCH climb gradient	OCA (H)			
	A	B	C	D
2.5%	**687** (670)		**787** (770)	
5.0%	**377** (360)	**487** (470)		

ILS RDH 51'

DME ILU NM	6	5	4	3	2	1
DME BTM NM	6.9	5.9	4.9	3.9	2.9	1.9
ALT (HGT) ft	**2010** (1993)	**1682** (1665)	**1355** (1338)	**1031** (1014)	**708** (691)	**387** (370)

Changes: ATIS FREQ added

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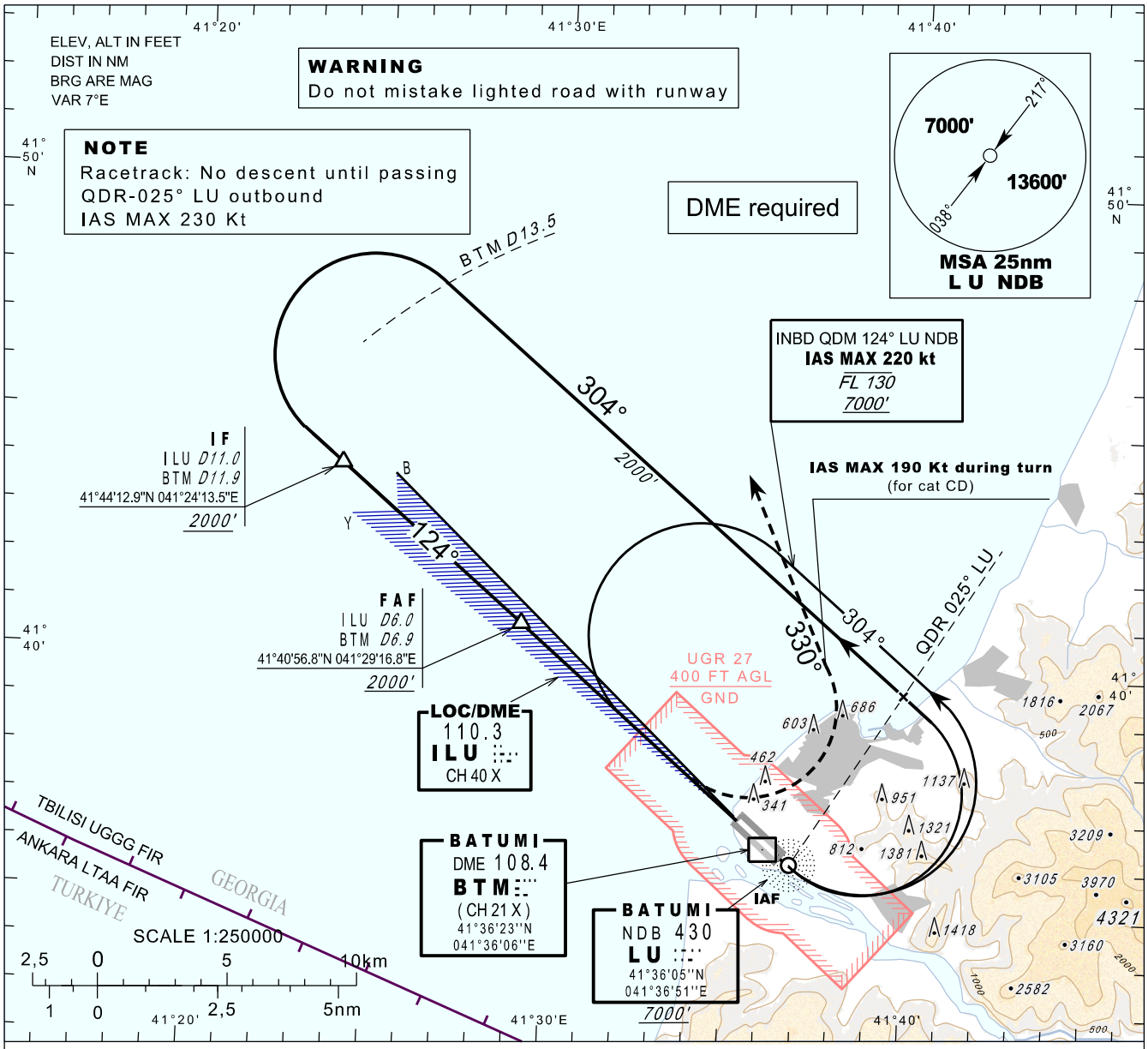
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 37'
HEIGHTS RELATED TO
THR RWY 12 - ELEV 17'

TRANSITION ALT 7000'

APP	124.425
TWR	118.600
ATIS	129.500

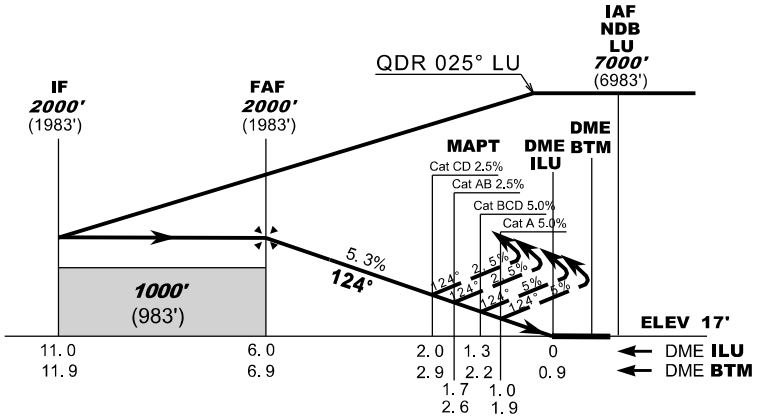
BATUMI (UGSB) LOCy RWY 12



MISSED APPROACH

Climb straight ahead. At **800'** turn left heading **330°** climbing to **3000'** and follow ATC instructions.
IAS MAX 190 KT until turn is completed (for cat CD).

Timing is not authorised for defining the MAPT



Straight-in Approach				
Missed APCH climb gradient	OCA (H)			
	A	B	C	D
2.5%	**630** (610)		**750** (730)	
5.0%	**400** (380)	**500** (480)		

DME ILU NM	6	5	4	3	2	1
DME BTM NM	6.9	5.9	4.9	3.9	2.9	1.9
ALT (HGT) ft	**2000** (1983)	**1678** (1661)	**1355** (1338)	**1033** (1016)	**711** (694)	**389** (372)

Changes: ATIS FREQ added

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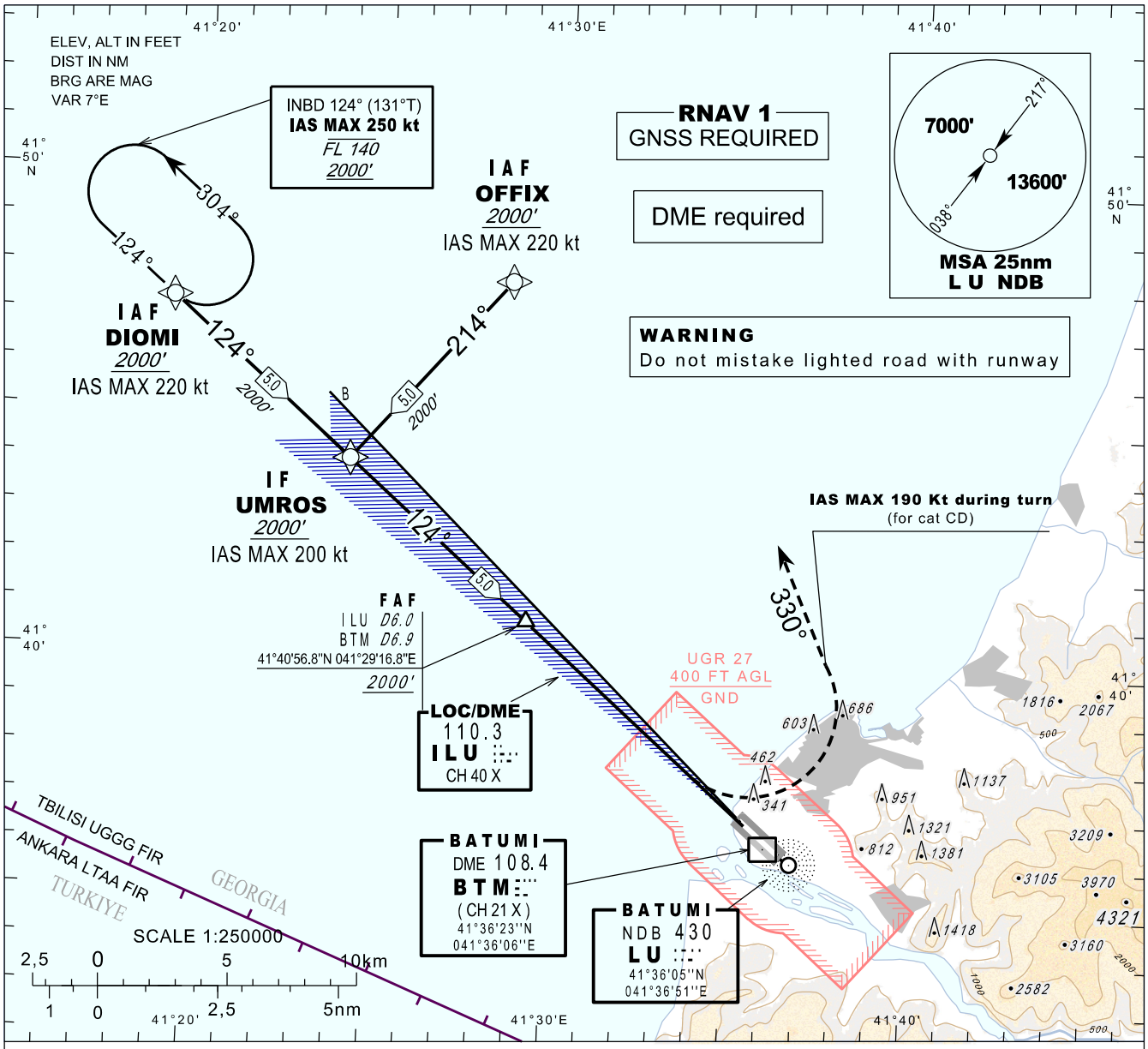
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 37'
HEIGHTS RELATED TO
THR RWY 12 - ELEV 17'

TRANSITION ALT 7000'

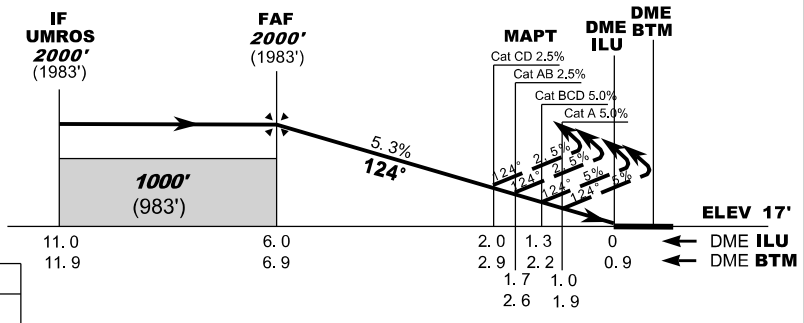
APP	124.425
TWR	118.600
ATIS	129.500

BATUMI (UGSB)
LOCz
RWY 12



MISSED APPROACH

Climb straight ahead. At **800'** turn left heading **330°** climbing to **3000'** and follow ATC instructions.
IAS MAX 190 KT until turn is completed (for cat CD).



Straight-in Approach				
Missed APCH climb gradient	OCA (H)			
	A	B	C	D
2.5%	**630** (610)		**750** (730)	
5.0%	**400** (380)	**500** (480)		

Timing is not authorised for defining the MAPT

DME ILU NM	6	5	4	3	2	1
DME BTM NM	6.9	5.9	4.9	3.9	2.9	1.9
ALT (HGT) ft	**2000** (1983)	**1678** (1661)	**1355** (1338)	**1033** (1016)	**711** (694)	**389** (372)

Changes: ATIS FREQ added

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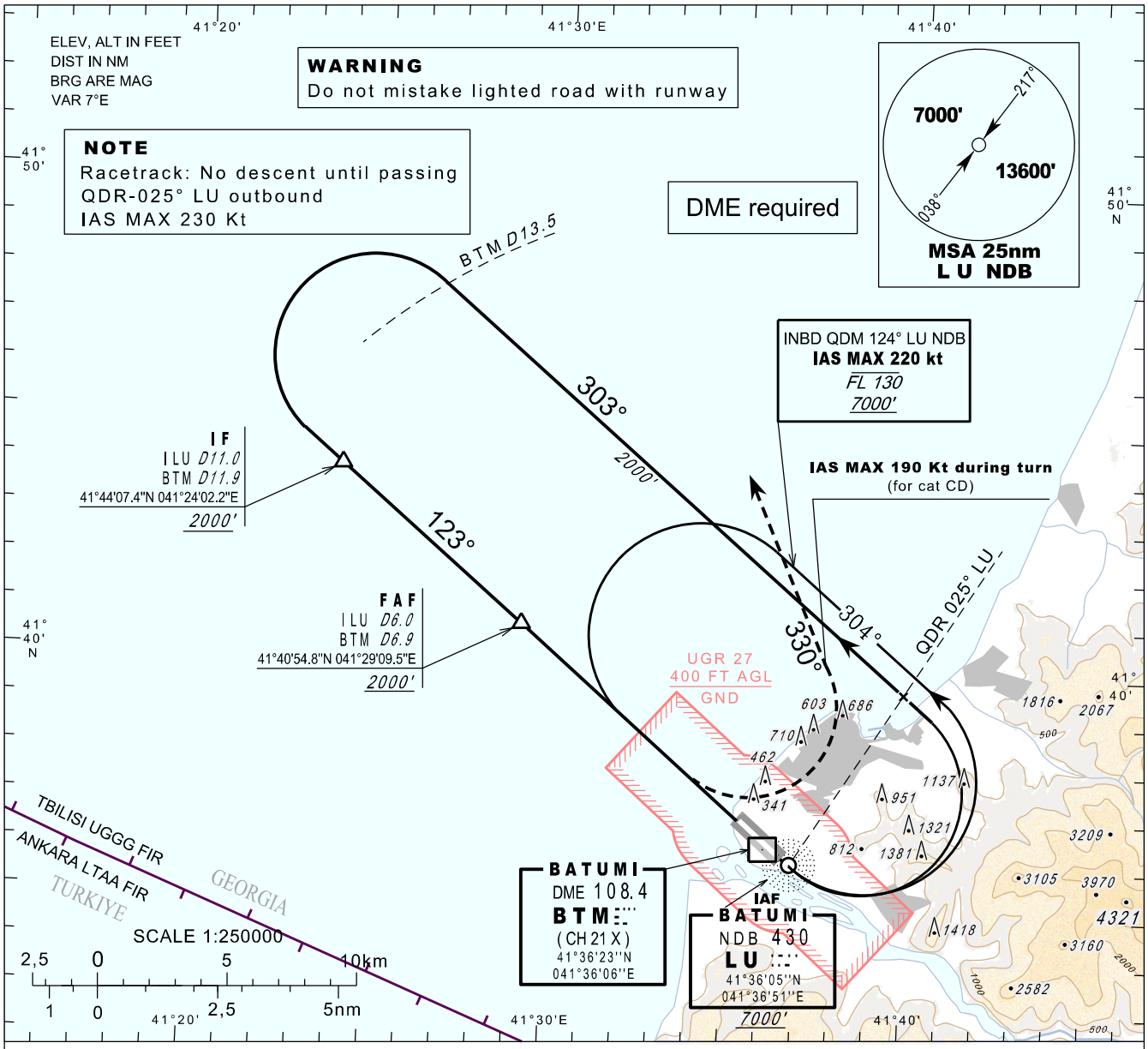
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 37'
HEIGHTS RELATED TO
THR RWY 12 - ELEV 17'

TRANSITION ALT 7000'

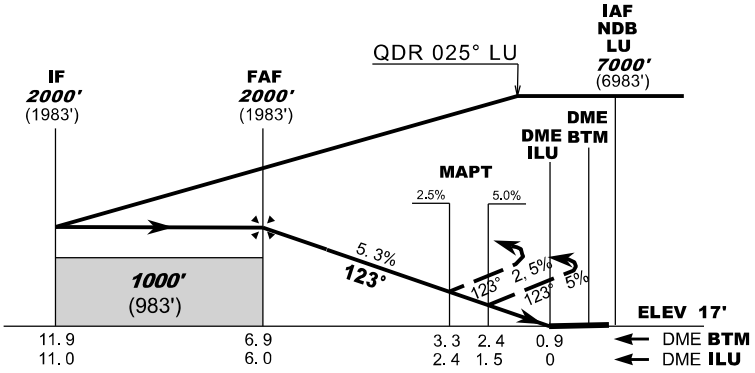
APP	124.425
TWR	118.600
ATIS	129.500

BATUMI (UGSB) NDB RWY 12



MISSED APPROACH

Climb on QDM **123°** NDB LU. At **900'** turn left heading **330°** climbing to **3000'** and follow ATC instructions.
IAS MAX 190 KT until turn is completed (for cat CD).



Timing is not authorised for defining the MAPT

Straight-in Approach	
Missed APCH climb gradient	**OCA (H)** A B C D
2.5%	**850** (840)
5.0%	**560** (550)

DME BTM NM	7	6	5	4	3	2
DME ILU NM	6.1	5.1	4.1	3.1	2.1	1.1
ALT (HGT) ft	**2032** (2015)	**1712** (1695)	**1393** (1376)	**1073** (1056)	**753** (736)	**433** (416)

Changes: ATIS FREQ added

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RWY Designator	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour, WBAR	SWY LGT LEN, colour	Remarks
1	7	8	9	10
31L	3000 M 60 M White FM 2400 M Yellow LIH	RED	NIL	Flashing LGT 570 M available

UGTB AD 2.15 Other lighting and secondary power supply

1	**ABN/IBN location, characteristics and hours of operation**	ABN: At Tower building, rotating light beacon, RPM 12, code W/G, SS-SR IBN: NIL
2	**LDI location and LGT** **Anemometer location and LGT**	NIL Anemometer: 425 M from THR 31L; 314 M from THR 13R; lighted
3	**TWY edge and centre line lighting**	CL: TWY A, B, C, E, G Edge: TWY A, B, C, E, G
4	**Secondary power supply/switch-over time**	Secondary power supply to all lighting at AD. Switch-over time: 1 SEC.
5	**Remarks**	RWY 31L/13R Guard LGT at TWY A, B, E, G

UGTB AD 2.16 Helicopter landing area

1	**Coordinates TLOF or THR of FATO** **Geoid undulation**	NIL
2	**TLOF and/or FATO elevation M/FT**	NIL
3	**TLOF and FATO area dimensions, surface, strength, marking**	NIL
4	**True BRG of FATO**	NIL
5	**Declared distance available**	NIL
6	**APP and FATO lighting**	NIL
7	**Remarks**	NIL

UGTB AD 2.17 Air traffic services airspace

1	**Designation and lateral limits**	TBILISI CTR 414513N 0444409E - 415002N 0445056E - 414559N 0450149E - 414109N 0450755E - 413249N 0451242E - 412801N 0450555E - 413000N 0445740E - 413651N 0444901E - 414513N 0444409E
2	**Vertical limits**	GND to 4500 FT AMSL
3	**Airspace classification**	C
4	**ATS unit call sign** **Language(s)**	TBILISI TOWER EN
5	**Transition altitude**	11000 FT AMSL
6	**Hours of applicability**	H24
7	**Remarks**	NIL

UGTB AD 2.18 Air traffic services communication facilities

Service designation	Call sign	Channel(s)	SATVOICE number(s)	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
APP	TBILISI APPROACH	134.600 MHz	NIL	NIL	H24	NIL
		121.500 MHz	NIL	NIL		Emergency
TWR	TBILISI TOWER	119.000 MHz	NIL	NIL	H24	Primary
		128.000 MHz	NIL	NIL		Secondary
ATIS	TBILISI ATIS	132.800 MHz	NIL	NIL	H24	NIL
FIS	TBILISI INFORMATION	124.150 MHz	NIL	NIL	H24	NIL
		121.500 MHz	NIL	NIL		Emergency

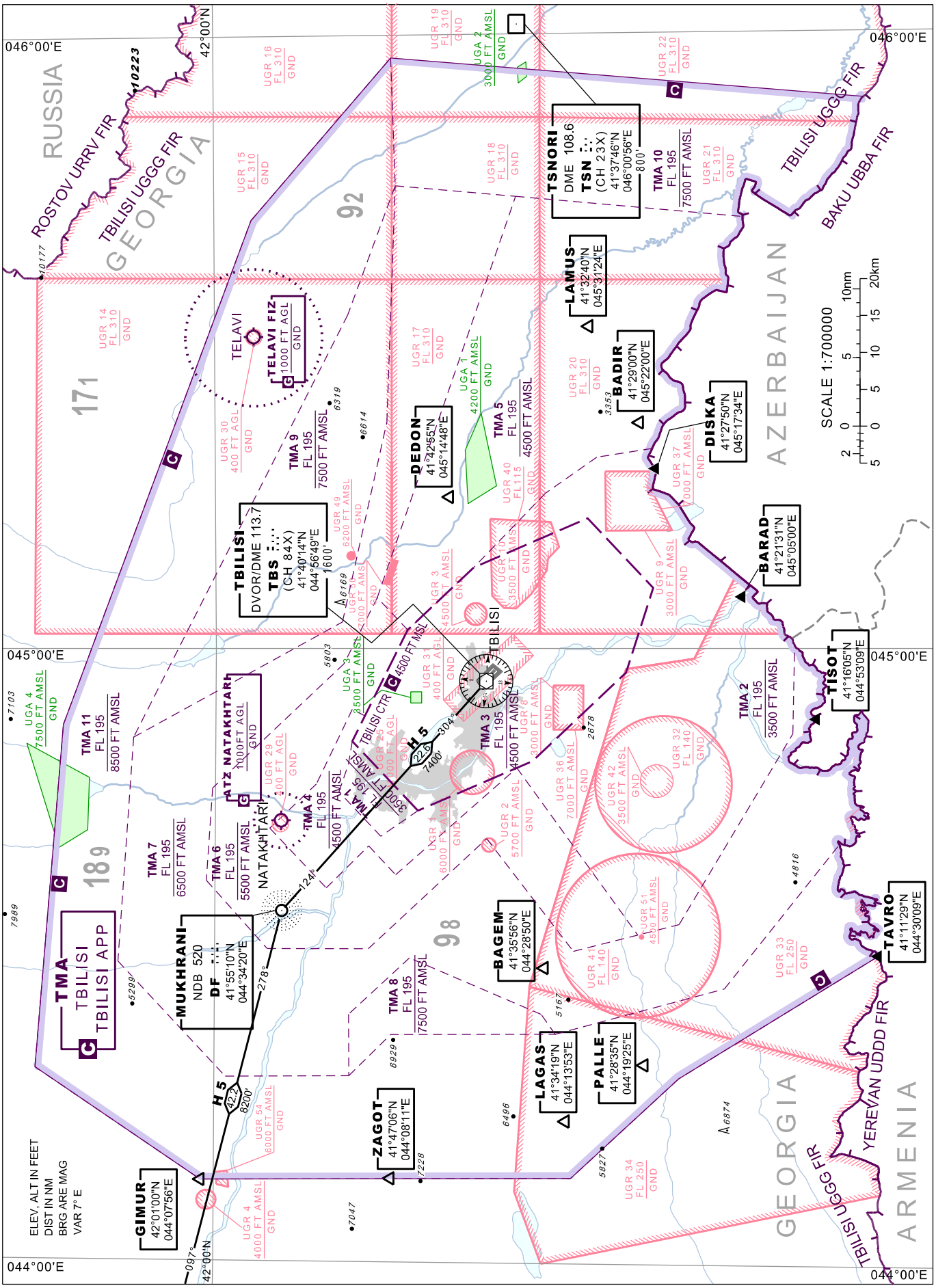
UGTB AD 2.19 Radio navigation and landing aids

Type of aids, MAG VAR, Type of supported OPS for ILS/MLS/GLS, basic GNSS and SBAS, Classification for ILS, Facility Classification and approach facility designation(s) for GBAS, VOR/ILS/MLS station declination	ID	Frequency, Channel number, Service provider	Hours of operation	Position of transmitting antenna coordinates	ELEV of DME transmitting antenna, GBAS reference point ELEV and ellipsoid HGT, SBAS LTP/FTP ellipsoid HGT	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
NDB (7°E 2020)	DF	520 KHZ	H24	415510.0N 0443420.0E	Not applicable	NIL	NIL
DVOR/DME (7°E 2020)	TBS	113.700 MHZ CH 84X	H24	414013.7N 0445648.8E	1600 FT	NIL	Coverage 108 NM.

AREA CHART - ICAO

TBILISI TMA

APP 134.600
TWR 119.000 (Primary)
128.000 (Secondary)
INFO 124.150
ATIS 132.800



Changes: NDB DF location, DVOR/DME TBS ELEV.

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STANDARD DEPARTURE CHART-INSTRUMENT (SID) - ICAO

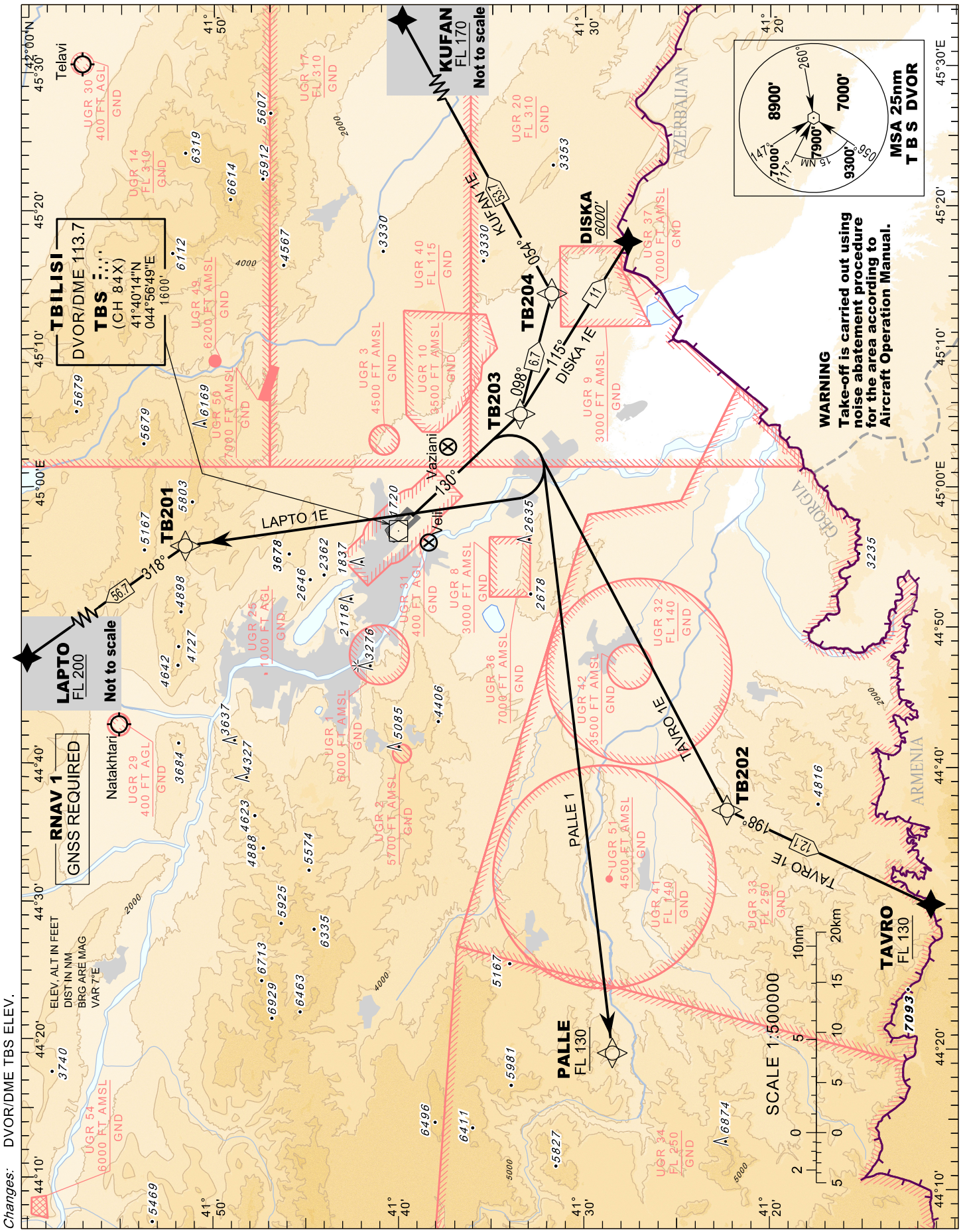
TRANSITION ALTITUDE
11000'

APP 134.600
TWR 119.000 (Primary)
128.000 (Secondary)

TBILISI/Tbilisi (UGTB)

RNAV RWY 13R

PALLE 1 LAPTO 1E KUFAN 1E
DISKA 1E TAVRO 1E



Changes:

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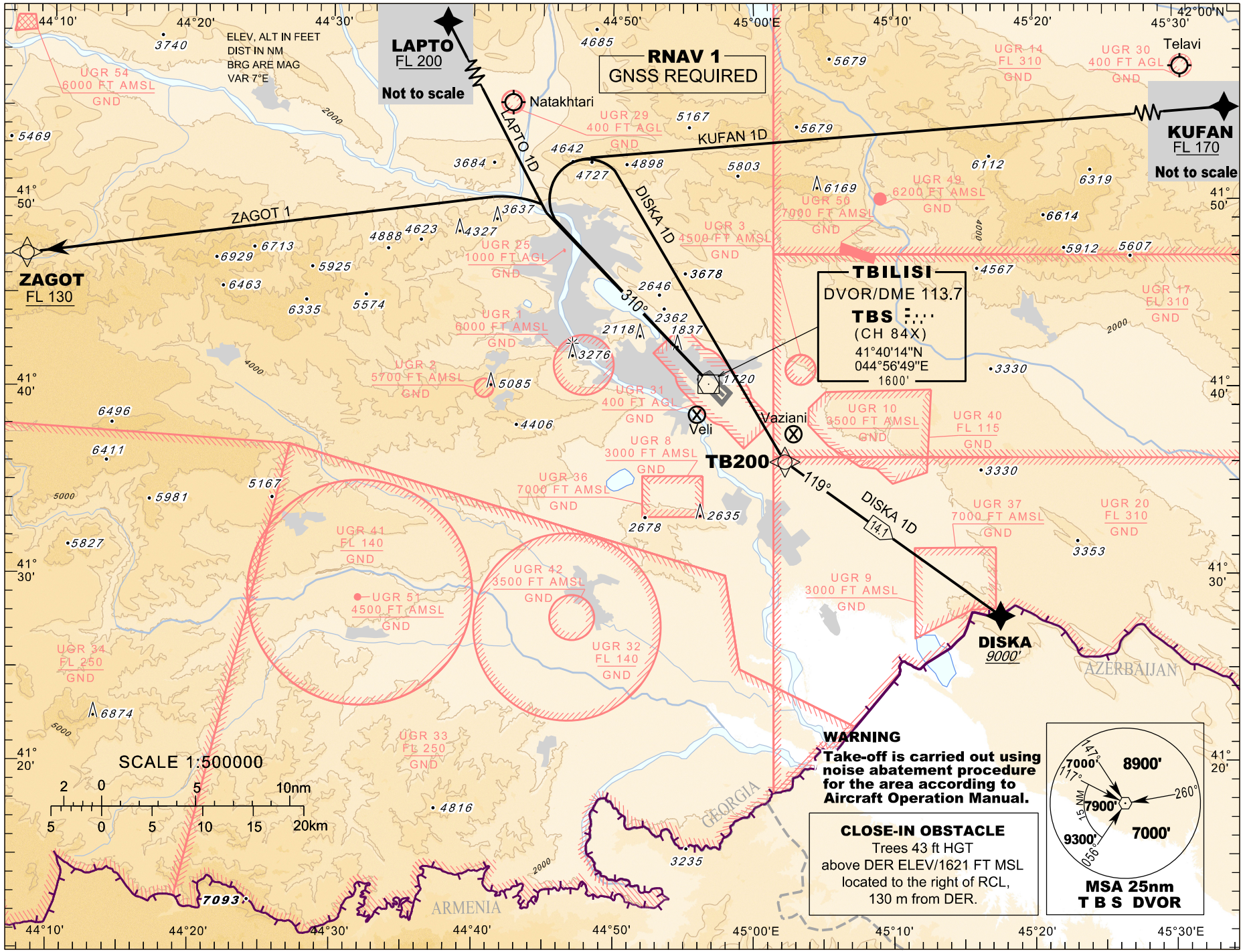
Changes: DVOR/DME TBS ELEV.

STANDARD DEPARTURE CHART-INSTRUMENT (SID) - ICAO

TBILISI/Tbilisi (UGTB)

RNAV RWY 31L

ZAGOT 1 LAPTO 1D
KUFAN 1D DISKA 1D



TRANSITION ALTITUDE
11000'

APP 134.600
TWR 119.000 (Primary)
128.000 (Secondary)

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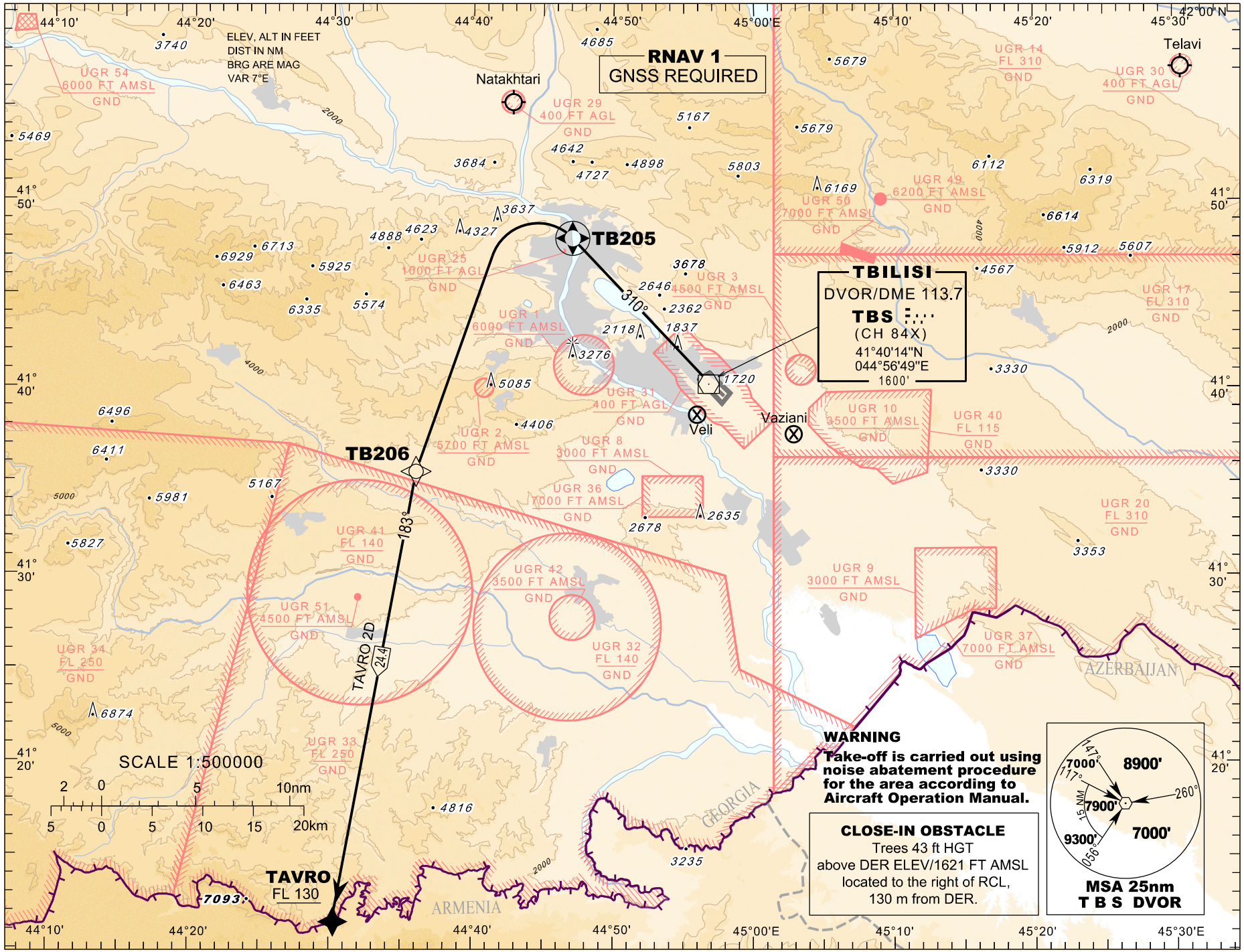
STANDARD DEPARTURE CHART-INSTRUMENT (SID) - ICAO

TBILISI/Tbilisi (UGTB)

RNAV RWY 31L

TAVRO 2D

Changes: DVOR/DME TBS ELEV.



TRANSITION ALTITUDE
11000'

APP 134.600
TWR 119.000 (Primary)
128.000 (Secondary)

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STANDARD DEPARTURE CHART-INSTRUMENT (SID) - ICAO

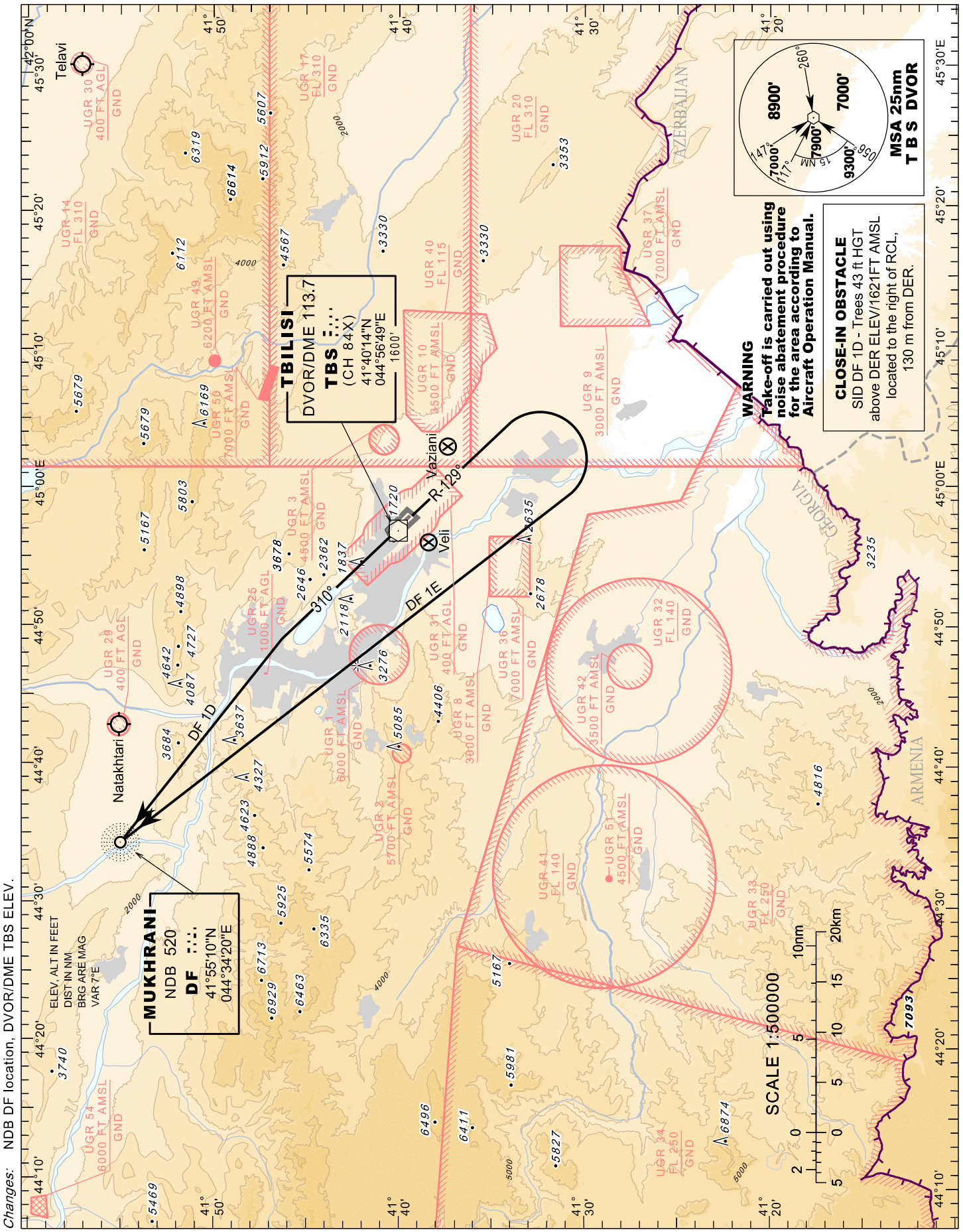
TBILISI/Tbilisi (UGTB)

RWY 13R/31L

DF 1D DF 1E

TRANSITION ALTITUDE
11000'

APP	134.600
TWR	119.000 (Primary)
	128.000 (Secondary)



Changes: NDB DF location, DVOR/DME TBS ELEV.

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STANDARD ARRIVAL CHART-INSTRUMENT (STAR) - ICAO

TRANSITION LEVEL FL 130

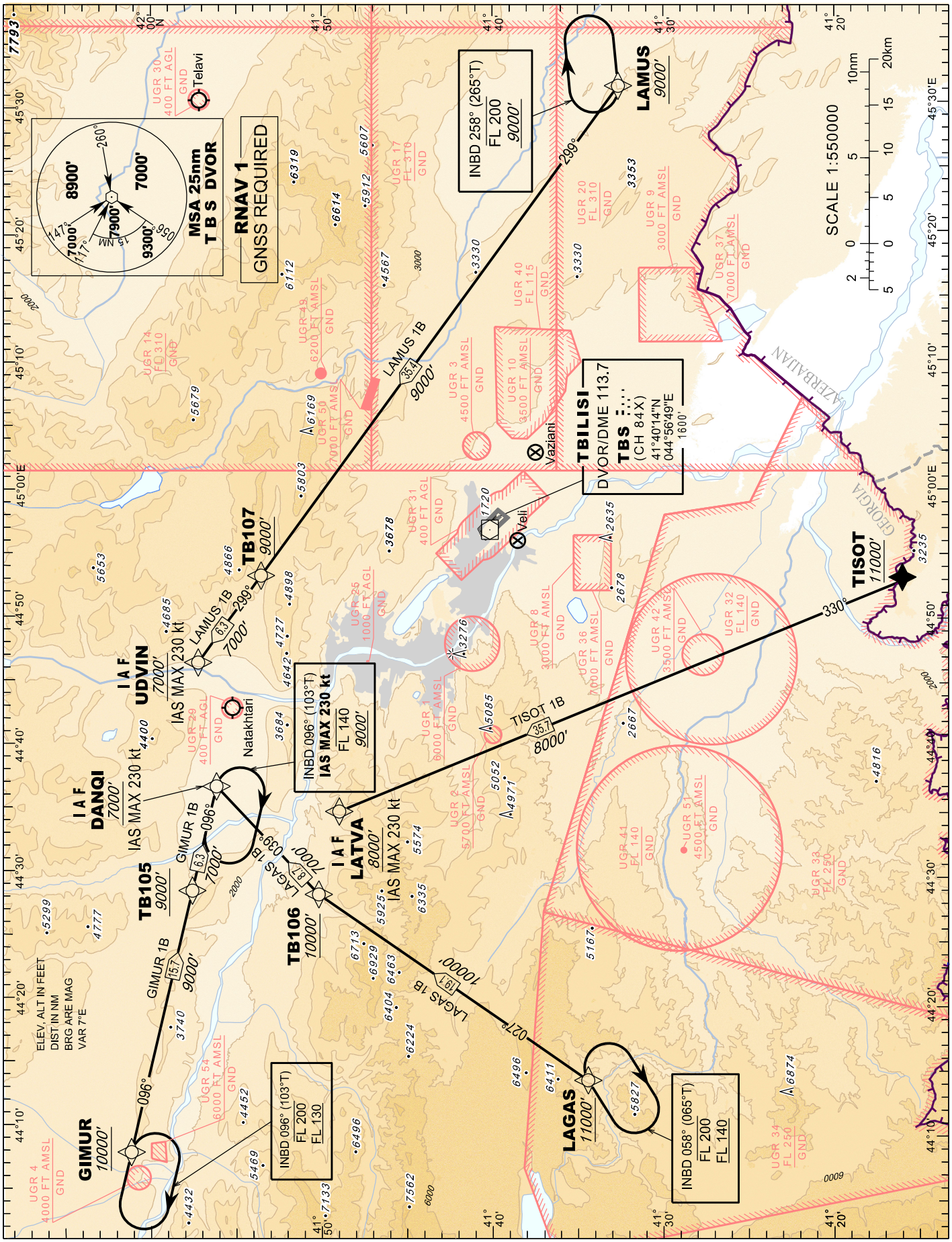
TRANSITION ALTITUDE 11000'

APP	134.600
TWR	119.000 (Primary)
	128.000 (Secondary)
ATIS	132.800

TBILISI/Tbilisi (UGTB)

RNAV RWY 13R

GIMUR 1B LAMUS 1B
TISOT 1B LAGAS 1B



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STANDARD ARRIVAL CHART-INSTRUMENT (STAR) - ICAO

TRANSITION LEVEL FL 130

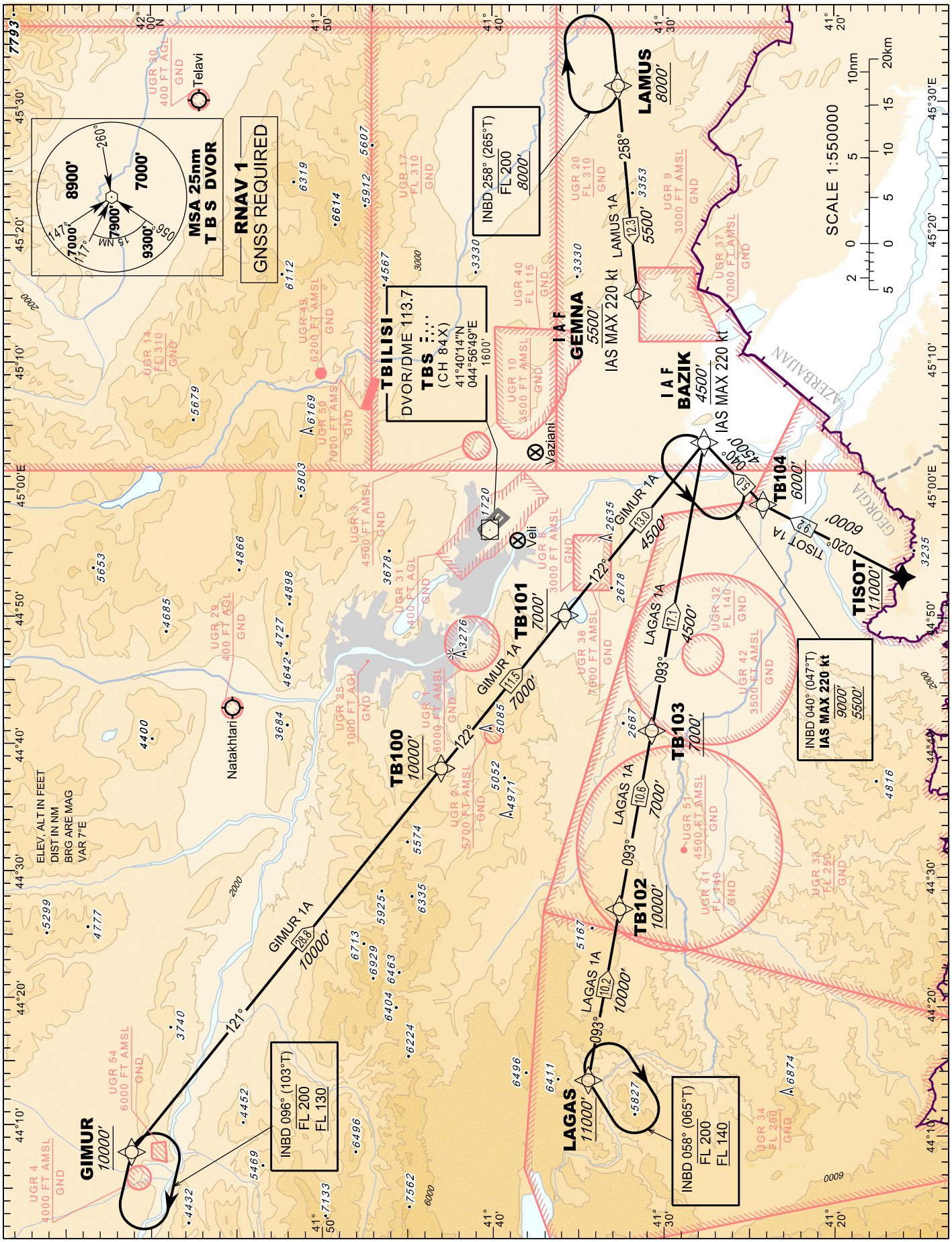
TRANSITION ALTITUDE 11000'

APP	134.600
TWR	119.000 (Primary)
	128.000 (Secondary)
ATIS	132.800

TBILISI/Tbilisi (UGTB)

RNAV RWY 31L

GIMUR 1A LAMUS 1A
TISOT 1A LAGAS 1A



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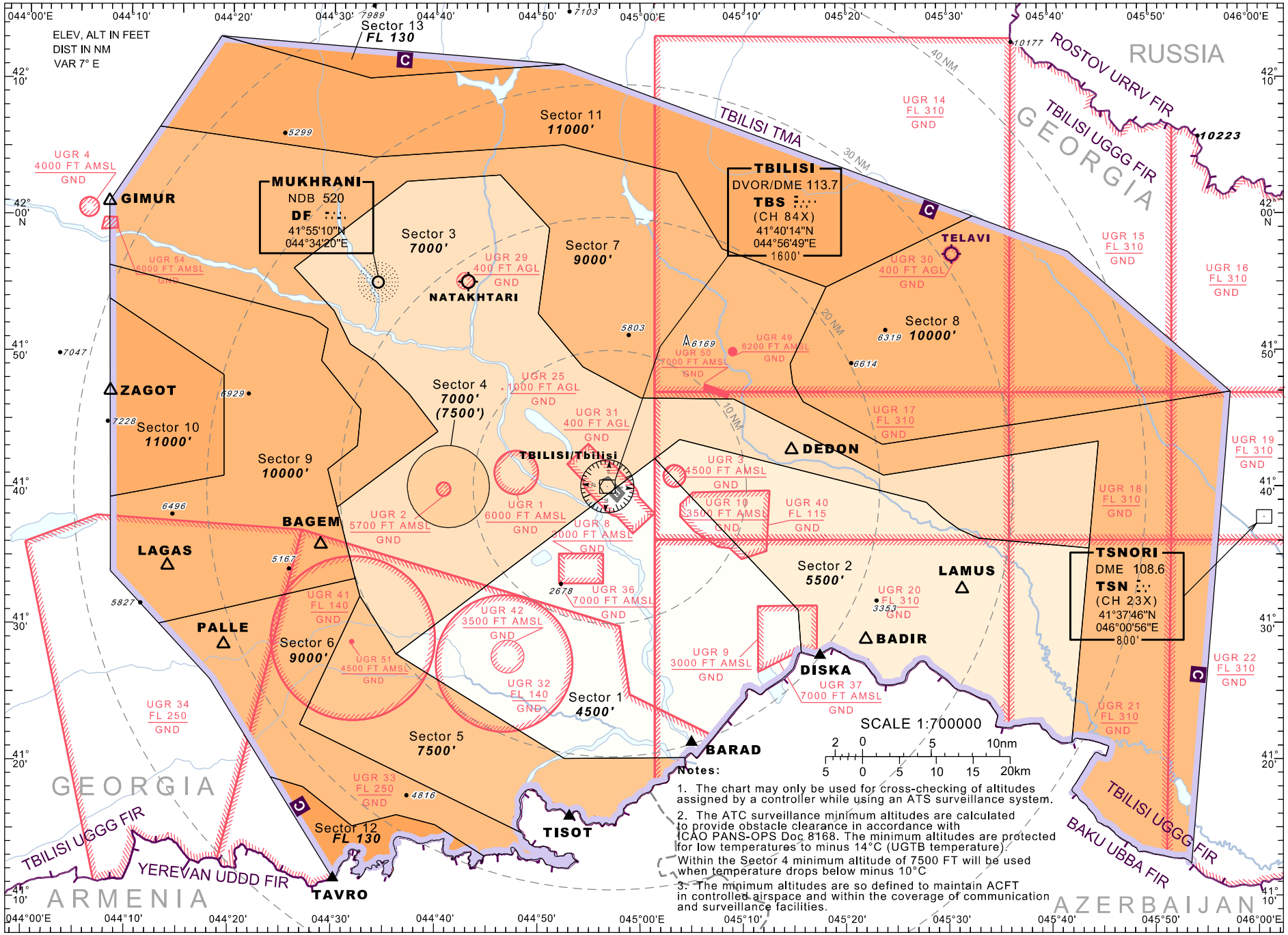
Changes: NDB DF location, DVOR/DME TBS ELEV.



ATC SURVEILLANCE MINIMUM ALTITUDE CHART - ICAO

AERODROME ELEV. 1578'
TRANSITION ALTITUDE 11000'

APP 134.600
TWR 119.000 (Primary)
128.000 (Secondary)

TBILISI/Tbilisi (UGTB)

Notes:

1. The chart may only be used for cross-checking of altitudes assigned by a controller while using an ATS surveillance system.
2. The ATC surveillance minimum altitudes are calculated to provide obstacle clearance in accordance with ICAO PANS-OPS Doc 8168. The minimum altitudes are protected for low temperatures to minus 14°C (UGTB temperature).
   Within the Sector 4 minimum altitude of 7500 FT will be used when temperature drops below minus 10°C
3. The minimum altitudes are so defined to maintain ACFT in controlled airspace and within the coverage of communication and surveillance facilities.

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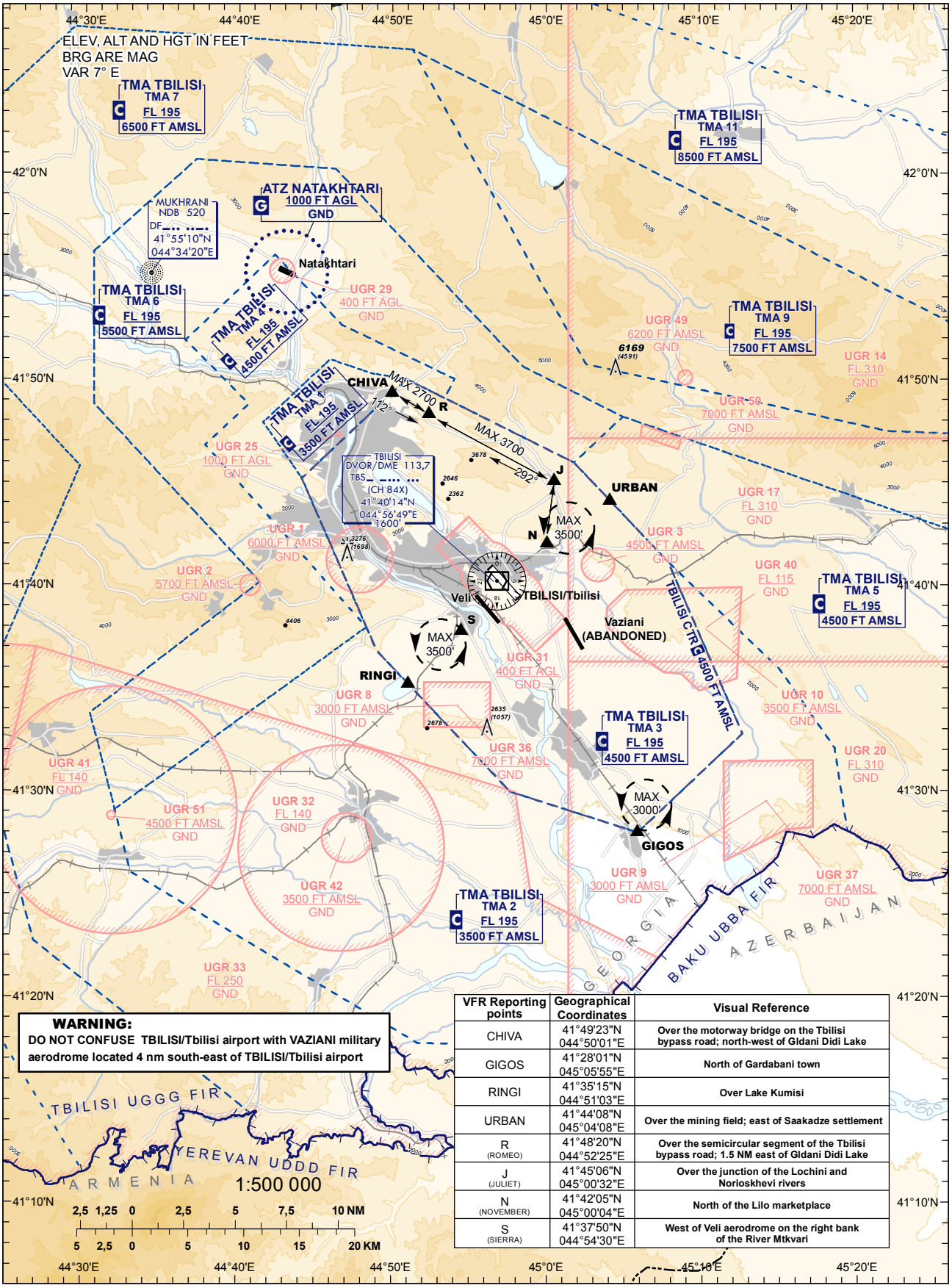
VISUAL APPROACH CHART - ICAO

TBILISI/Tbilisi (UGTB)

AERODROME ELEV. 1578'
HEIGHTS RELATED TO AD ELEV

APP	134.600
TWR	119.000 (Primary)
	128.000 (Secondary)



WARNING:
DO NOT CONFUSE TBILISI/Tbilisi airport with VAZIANI military aerodrome located 4 nm south-east of TBILISI/Tbilisi airport

VFR Reporting points	Geographical Coordinates	Visual Reference
CHIVA	41°49'23"N 044°50'01"E	Over the motorway bridge on the Tbilisi bypass road; north-west of Gldani Didi Lake
GIGOS	41°28'01"N 045°05'55"E	North of Gardabani town
RINGI	41°35'15"N 044°51'03"E	Over Lake Kumisi
URBAN	41°44'08"N 045°04'08"E	Over the mining field; east of Saakadze settlement
R (ROMEO)	41°48'20"N 044°52'25"E	Over the semicircular segment of the Tbilisi bypass road; 1.5 NM east of Gldani Didi Lake
J (JULIET)	41°45'06"N 045°00'32"E	Over the junction of the Lochini and Norioskhevi rivers
N (NOVEMBER)	41°42'05"N 045°00'04"E	North of the Lilo marketplace
S (SIERRA)	41°37'50"N 044°54'30"E	West of Veli aerodrome on the right bank of the River Mtkvari

Changes: Scale, depiction of Holding at point N, NDB DF location, DVOR/DME TBS Elev.

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