

## General Information

Location: BATUMI GEO  
ICAO/IATA: UGSB / BUS  
Lat/Long: N41° 36.61', E041° 35.97'  
Elevation: 106 ft

Airport Use: Public  
Daylight Savings: Not Observed  
UTC Conversion: -4:00 = UTC  
Magnetic Variation: 5.0° E

Fuel Types: Jet A-1  
Repair Types: Major Airframe, Major Engine  
Customs: Yes  
Airport Type: IFR  
Landing Fee: Yes  
Control Tower: Yes  
Jet Start Unit: No  
LLWS Alert: No  
Beacon: Yes

Sunrise: 0431 Z  
Sunset: 1422 Z

## Runway Information

Runway: 13  
Length x Width: 8202 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 90 ft  
Lighting: Edge, ALS, Centerline  
Stopway: 197 ft

Runway: 31  
Length x Width: 8202 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 106 ft  
Lighting: Edge, Centerline  
Stopway: 197 ft

## Communication Information

Batumi Tower: 118.600  
Batumi Approach: 124.425

# UGSB/BUS BATUMI

**JEPPESEN**

# BATUMI, GEORGIA

2 FEB 07

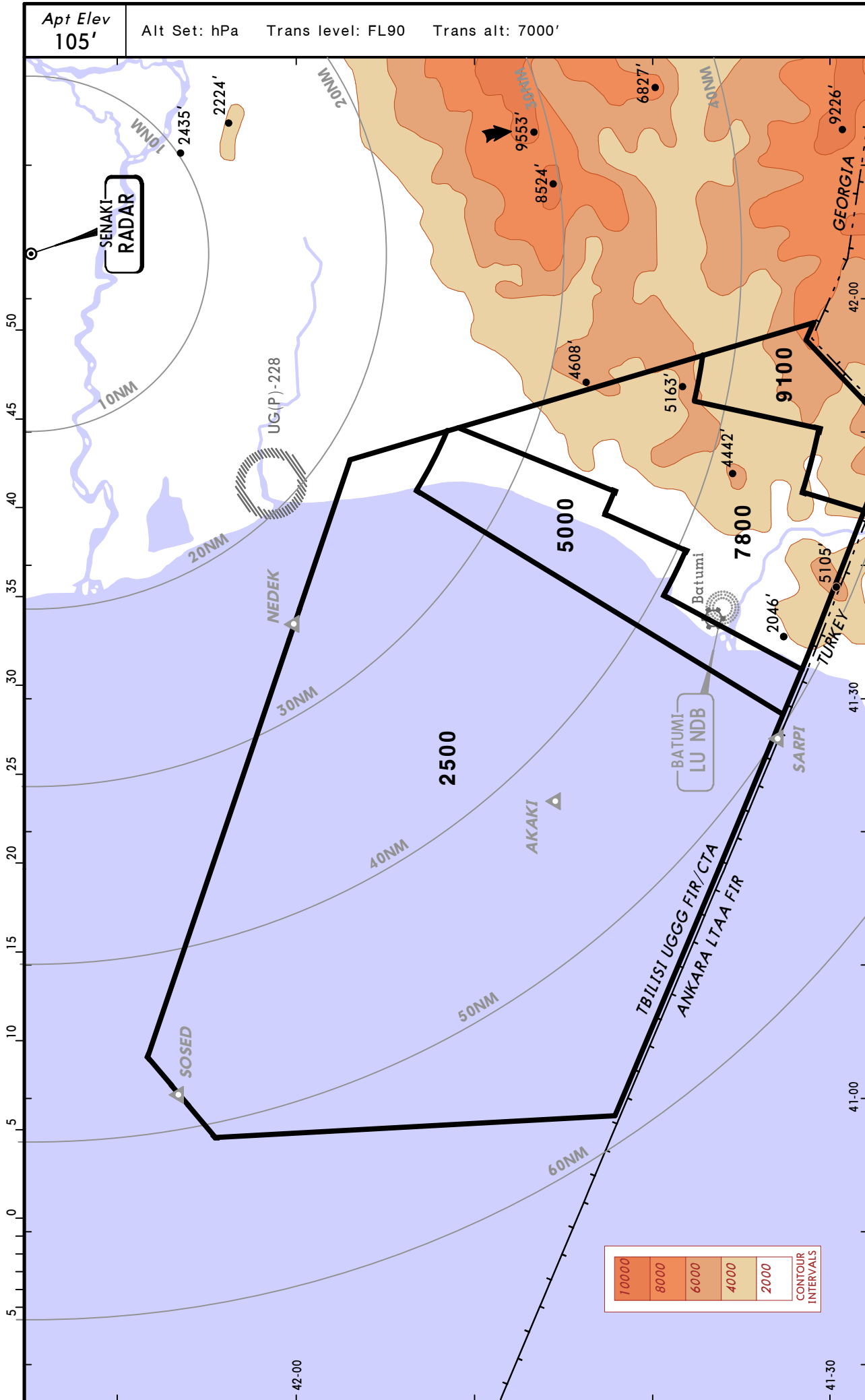
**10-1R**

Eff 15 Feb

**RADAR MINIMUM ALTITUDES**

Apt Elev  
**105'**

Alt Set: hPa Trans level: FL90 Trans alt: 7000'



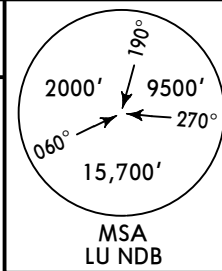
# UGSB/BUS BATUMI

**JEPPESEN**  
20 JAN 17 **10-2** Eff 2 Feb

# BATUMI, GEORGIA

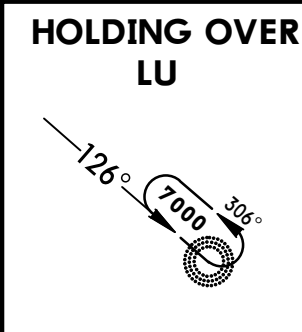
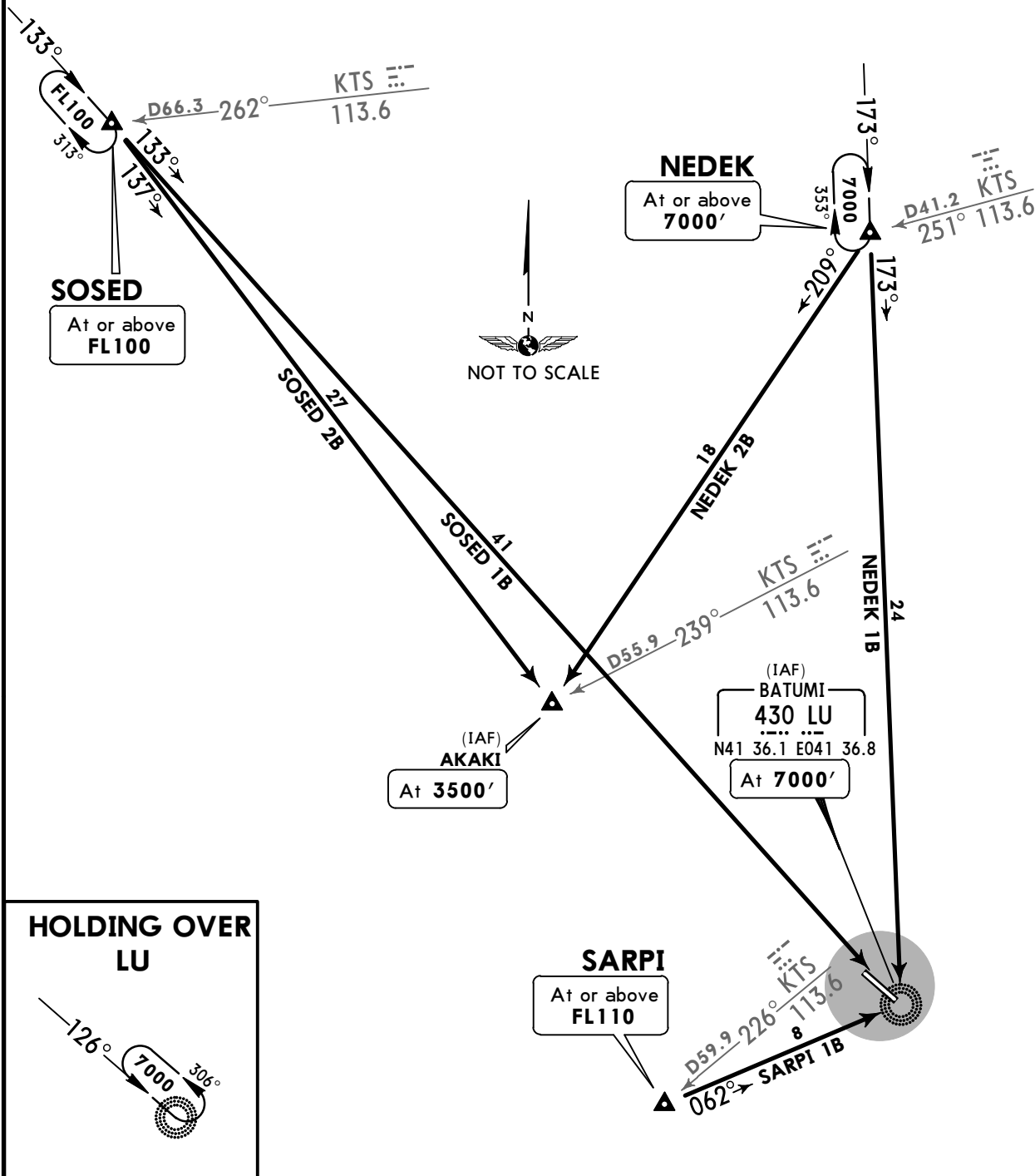
**STAR**

Apt Elev 106' Alt Set: hPa Trans level: FL90 Trans alt: 7000'



- NEDEK 1B [NEDE1B]
- NEDEK 2B [NEDE2B]
- SARPI 1B [SARPIB]
- SOSED 1B [SOSE1B]
- SOSED 2B [SOSE2B]
- RWY 13 ARRIVALS

**SPEED: MAX 250 KT BELOW FL110 WITHIN BATUMI TMA**



STAR	ROUTING
NEDEK 1B	On 173° bearing to LU.
NEDEK 2B	On 209° track to AKAKI.
SOSED 1B	On 133° bearing to LU.
SOSED 2B	On 137° track to AKAKI.
SARPI 1B	On 062° bearing to LU.

CHANGES: Holding over LU revised.

UGSB/BUS  
BATUMI

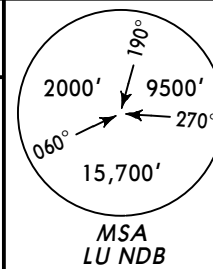
JEPPESEN  
27 JUL 12 10-3

BATUMI, GEORGIA

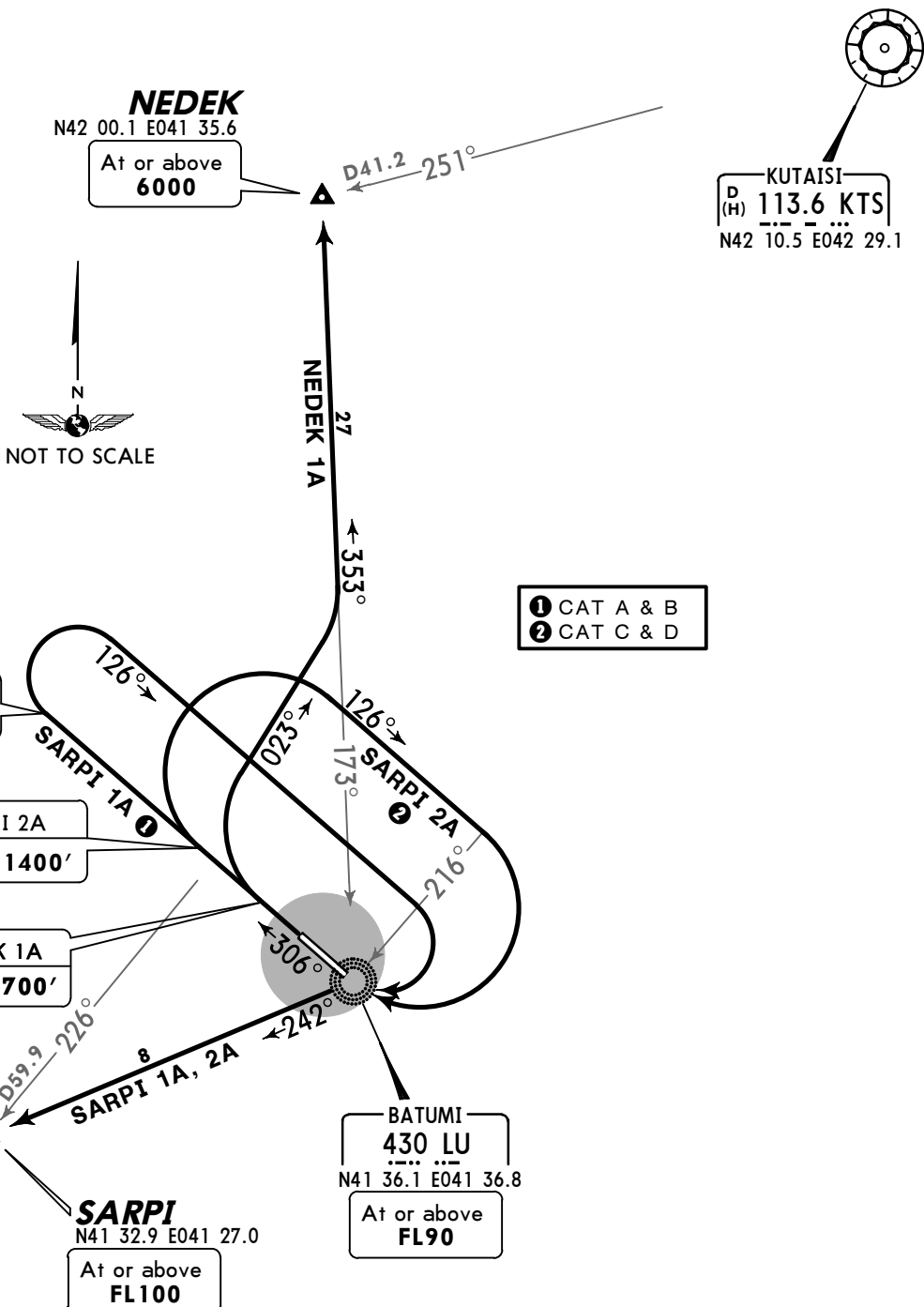
**SID**

Apt Elev  
108'

Trans level: FL90 Trans alt: 7000'



**NEDEK ONE ALFA (NEDEK 1A) [NEDE1A]**  
**SARPI ONE ALFA (SARPI 1A) [SARP1A] ①**  
**SARPI TWO ALFA (SARPI 2A) [SARP2A] ②**  
**RWY 31 DEPARTURES**  
**~~SPEED~~ MAX 250 KT BELOW FL110**  
**WITHIN BATUMI TMA**



SID	ROUTING
NEDEK 1A	Climb on runway heading to 700', turn RIGHT, 023° track, intercept 353° bearing from LU to NEDEK.
SARPI 1A	Climb on runway heading to 3500', turn RIGHT, 126° track, when passing 216° bearing to LU turn RIGHT to LU, 242° bearing to SARPI.
SARPI 2A	Climb on runway heading to 1400', turn RIGHT, 126° track, when passing 216° bearing to LU turn RIGHT to LU, 242° bearing to SARPI.

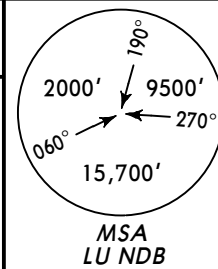
UGSB/BUS  
BATUMI

JEPPESEN  
27 JUL 12 (10-3A)

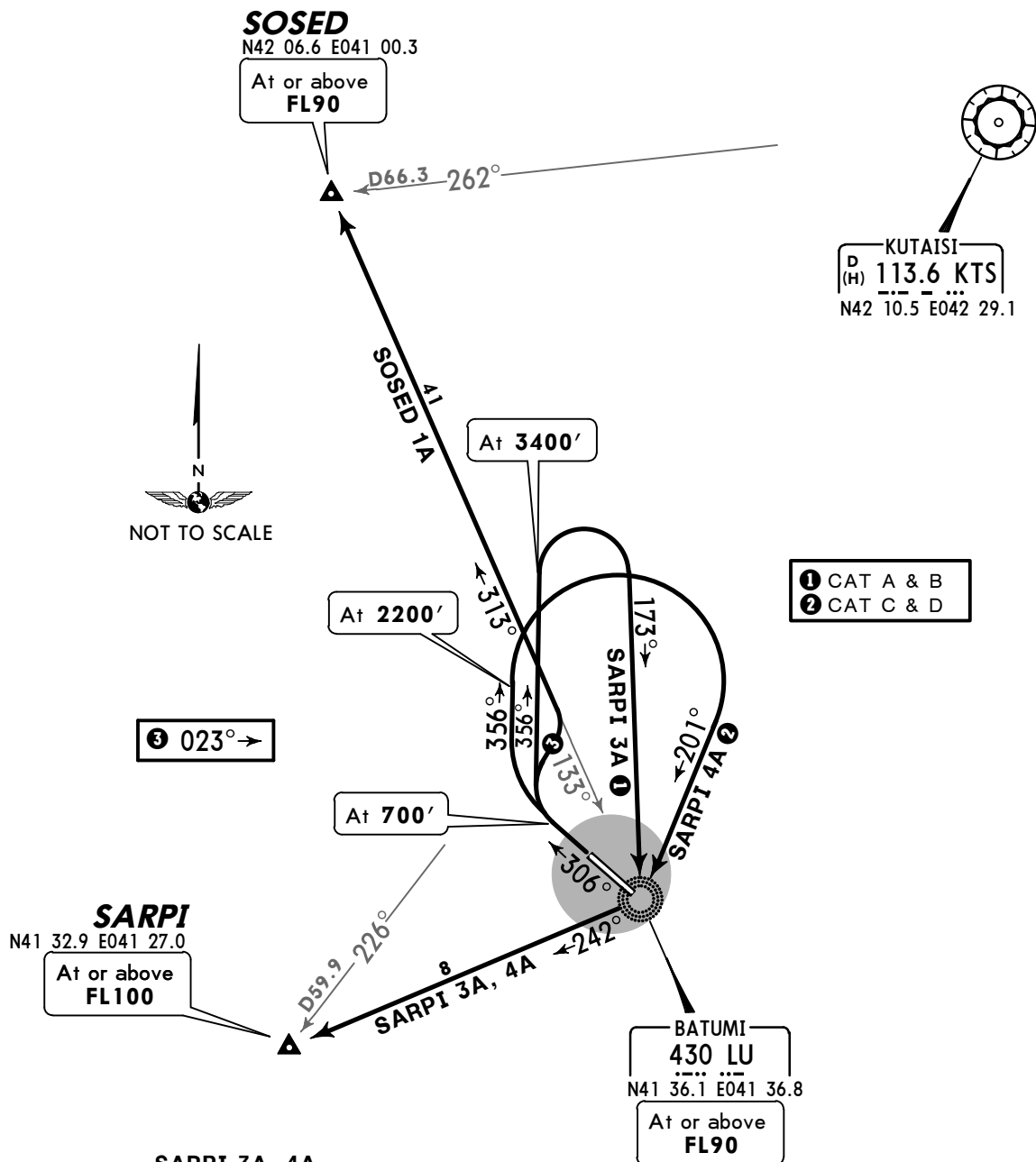
BATUMI, GEORGIA  
SID

Apt Elev  
108'

Trans level: FL90 Trans alt: 7000'



SARPI THREE ALFA (SARPI 3A) [SARP3A] ①  
SARPI FOUR ALFA (SARPI 4A) [SARP4A] ②  
SOSED ONE ALFA (SOSED 1A) [SOSE1A]  
RWY 31 DEPARTURES  
**SPEED** MAX 250 KT BELOW FL110  
WITHIN BATUMI TMA



**SARPI 3A, 4A**

These SIDs require a minimum climb gradient of 4%.

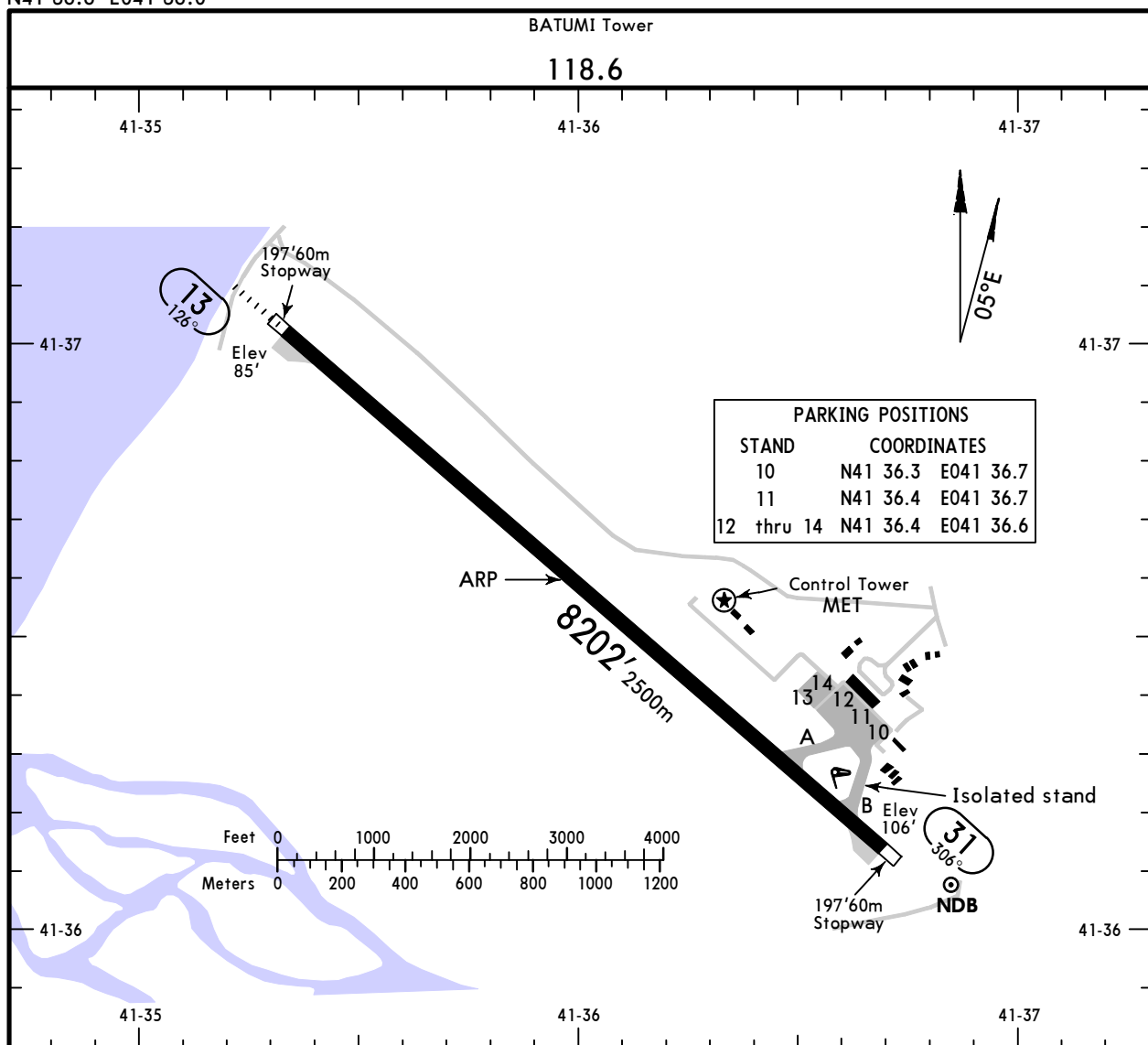
Gnd speed-KT	75	100	150	200	250	300
4% V/V (fpm)	304	405	608	810	1013	1215

SID	ROUTING
<b>SARPI 3A</b>	Climb on runway heading to 700', turn RIGHT, 356° track, at 3400' turn RIGHT to LU, 242° bearing to SARPI
<b>SARPI 4A</b>	Climb on runway heading to 700', turn RIGHT, 356° track, at 2200' turn RIGHT to LU, 242° bearing to SARPI
<b>SOSED 1A</b>	Climb on runway heading to 700', turn RIGHT, 023° track, intercept 313° bearing from LU to SOSED.

**UGSB / BUS**  
 Apt Elev **106'**  
 N41 36.6 E041 36.0

**JEPPESEN**  
 20 MAR 15 **(10-9)** Eff 2 Apr

**BATUMI, GEORGIA**  
**BATUMI**



**ADDITIONAL RUNWAY INFORMATION**

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Landing Beyond		
13	HIRL (60m) CL (30m) HIALS PAPI-L (angle 3.0°)		7230' 2204m	NA ①	148'
31	HIRL (60m) CL (30m)	NA ①			45m

① Permitted DAY only: For acft with MTOW not exceeding 5700kg.

**JAR-OPS TAKE-OFF ①**

	Rwy 31			
	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	200m	250m	400m	500m
B				
C				
D	250m	300m		

① Operators applying U.S. Ops Specs: CL required below 300m.

UGSB/BUS



**Standard**  
**BATUMI, GEORGIA**  
 BATUMI

STRAIGHT-IN RWY		A	B	C	D
13	① ILS	645' (560') R1500m	645' (560') R1500m	665' (580') R2400m	665' (580') R2400m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH

① Missed apch climb gradient mim 3.0%.

**TAKE-OFF ②**

	Low Visibility Take-off				Adequate vis ref (Day only)
	RL, CL & relevant RVR	RL & CL	Day: RL & RCLM Night: RL or CL	Day: RL or RCLM Night: RL or CL	
A					
B	TDZ, MID, RO				
C	R150m	R200m	R300m	400m	500m
D					

② Rwy 13 permitted DAY only: For acft with MTOW not exceeding 5700kg.

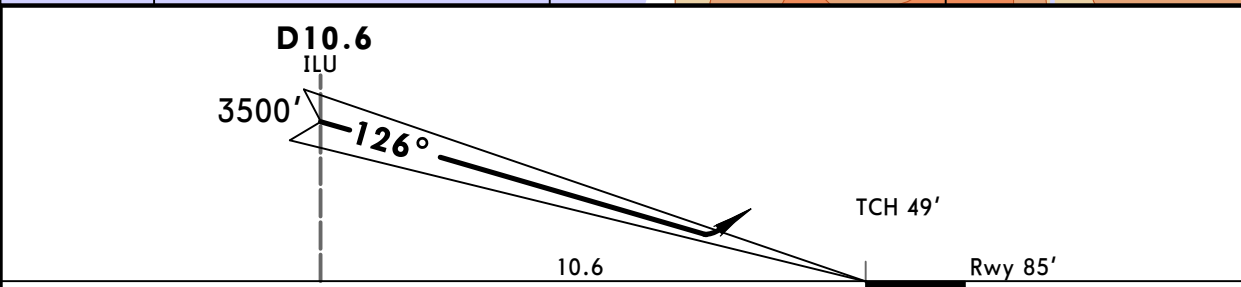
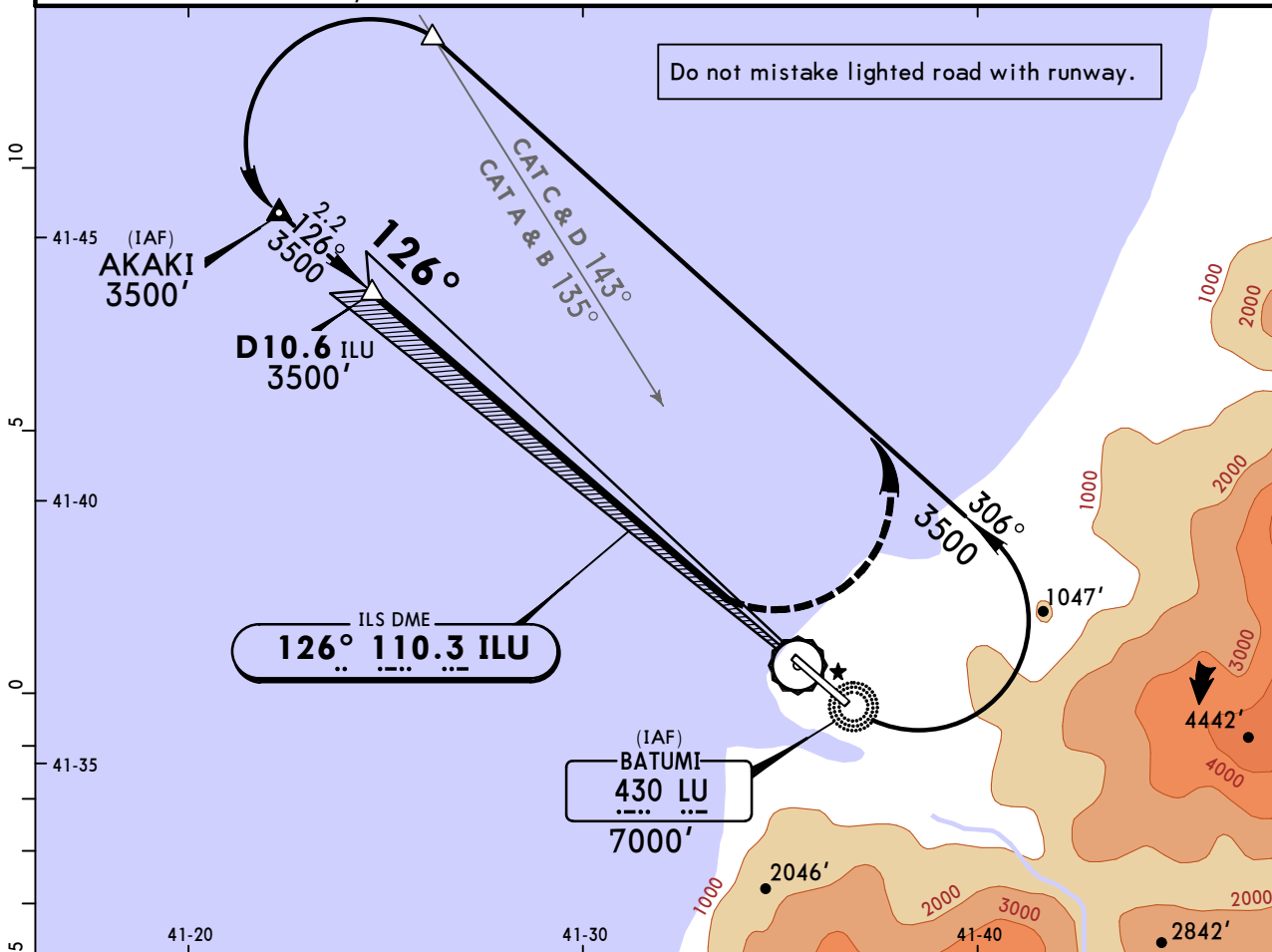
# UGSB/BUS BATUMI

**JEPPESEN**  
20 MAR 15  
Eff 2 Apr (11-1)

**BATUMI, GEORGIA**  
MISSED APCH CLIMB  
GRADIENT MIM 3.0% ILS DME Rwy 13

BATUMI Approach <b>124.425</b>			BATUMI Tower <b>118.6</b>		<p>MSA LU NDB</p>
LOC ILU <b>110.3</b>	Final Apch Crs <b>126°</b>	GS <b>D10.6 ILU</b> 3500'(3415')	ILS DA(H) Refer to Minimums	Apt Elev 106' Rwy 85'	
<b>MISSED APCH: Turn LEFT onto heading 306° climbing to 3500' and as directed.</b>					

Alt Set: hPa Rwy Elev: 3 hPa Trans level: FL 90 Trans alt: 7000'  
 1. ILS DME reads zero at rwy 13 threshold. 2. Procedure restricted to MAX 230 KT.



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI 3500' on 306° LT on hdg
GS 3.00°	372	478	531	637	743	859	

<b>JAR-OPS</b>		STRAIGHT-IN LANDING RWY 13	
ILS Missed approach climb grad mim 3.0% DA(H) AB: <b>645'(560')</b> CD: <b>665'(580')</b>		LOC (GS out)	
FULL		ALS out	
A			
B			
C	RVR 1000m	RVR 1200m	NOT AUTHORIZED
D			

PANS OPS



## **TERMINAL CHART CHANGE NOTICES**

### **No Chart Change Notices for Airport UGSB**