

List of pages in this Trip Kit

Trip Kit Index

Airport Information For UDSG

Terminal Charts For UDSG

Revision Letter For Cycle 01-2014

Change Notices

Notebook

General Information

Location: Gyumri Arm
IATA Code: LWN
Lat/Long: N40° 45.0' E043° 51.6'
Elevation: 5000 ft

Airport Use: Public
Magnetic Variation: 6.0°E

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

Sunrise: 0429 Z
Sunset: 1352 Z,

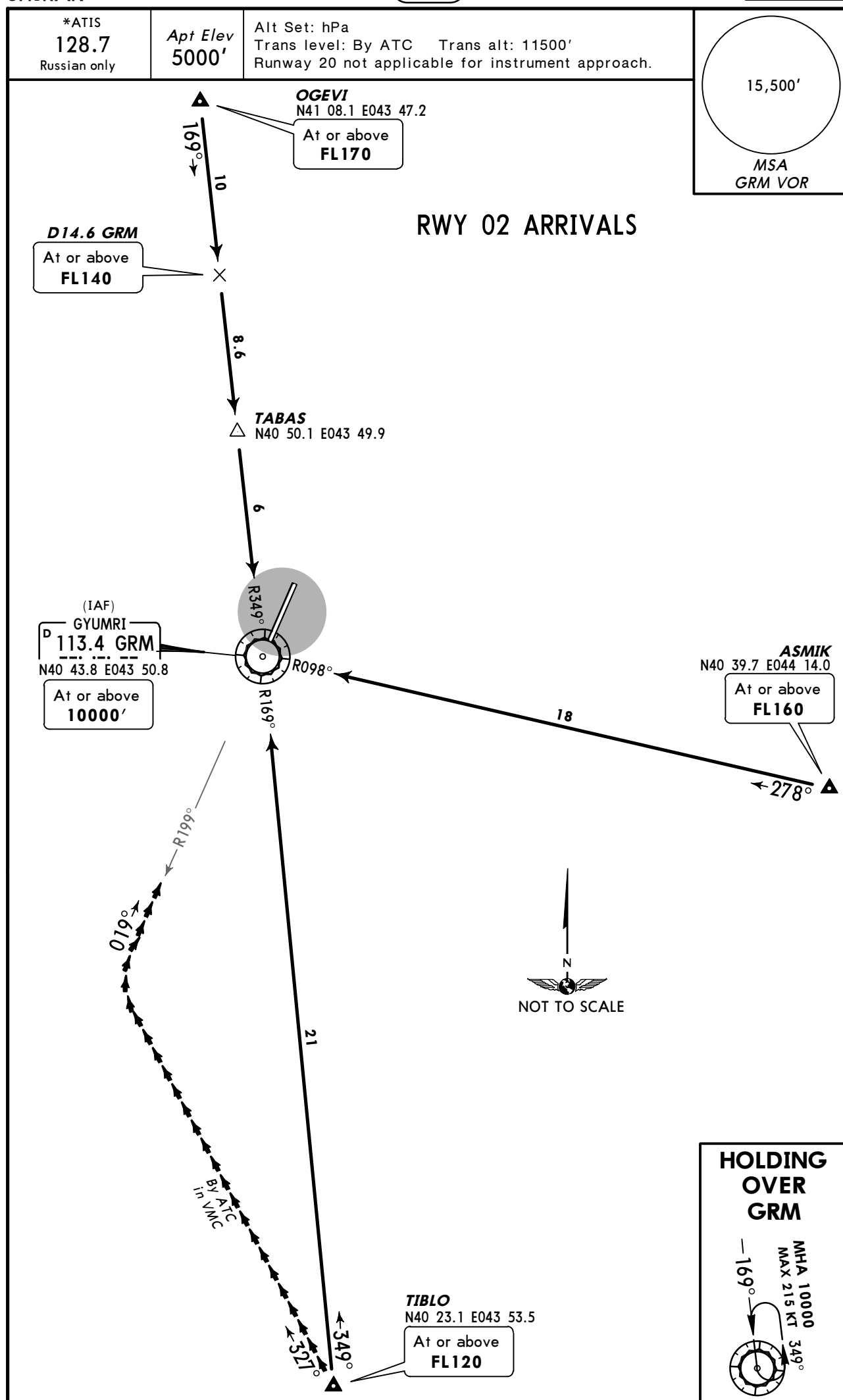
Runway Information

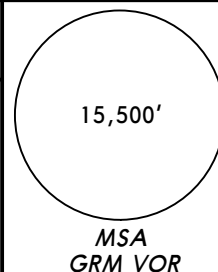
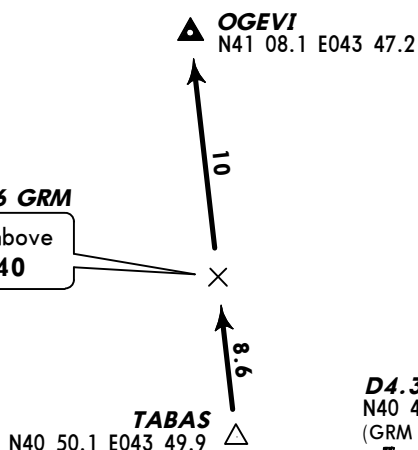
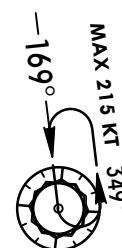
Runway: 02
Length x Width: 10564 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 4941 ft
Lighting: Edge, ALS, TDZ

Runway: 20
Length x Width: 10564 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 5000 ft
Lighting: Edge

Communication Information

ATIS 128.7 Non-English
Gyumri Tower 127.7



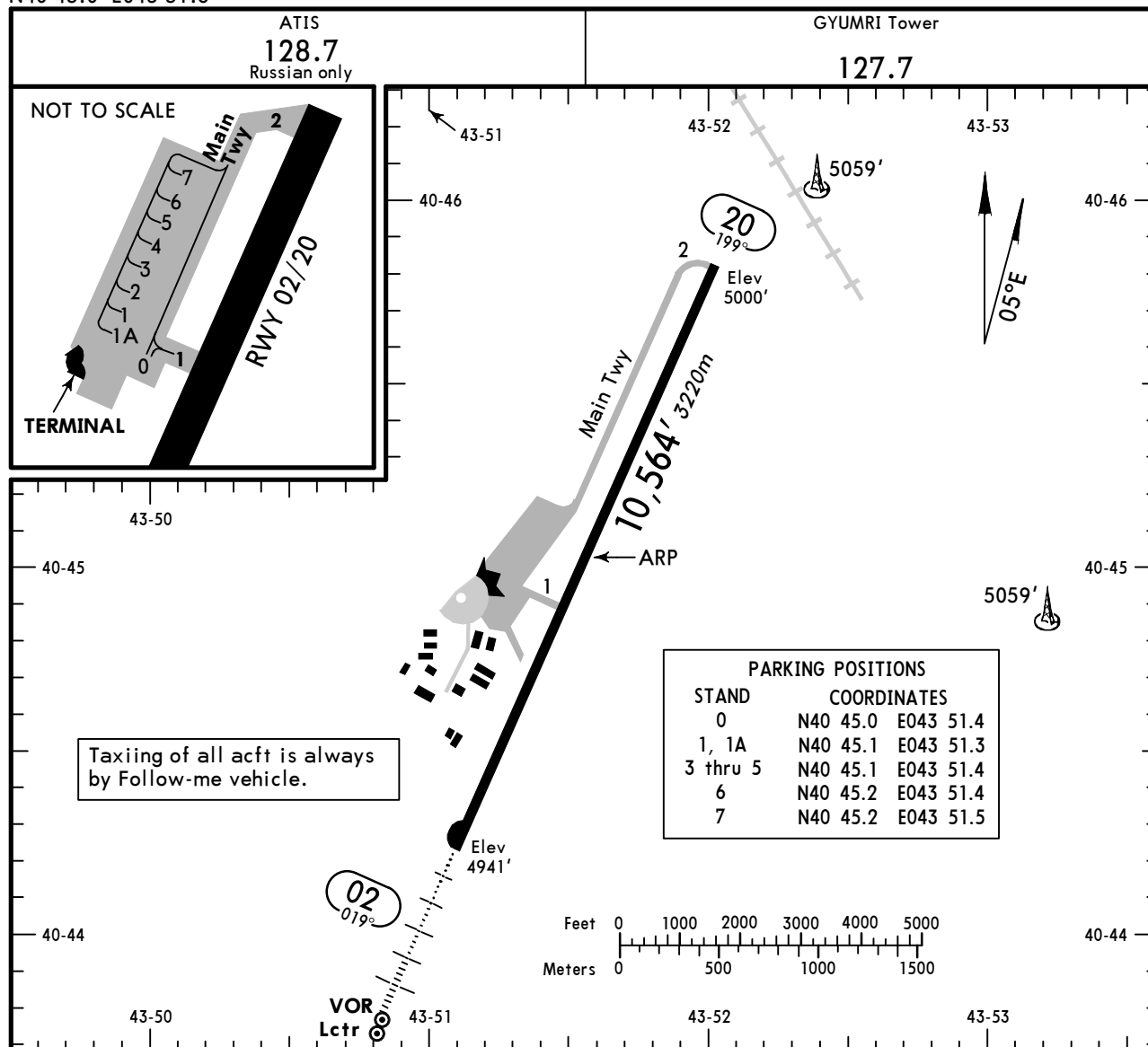
Apt Elev
5000'Trans level: By ATC Trans alt: 11500'
Contact GYUMRI Approach immediately after take-off.RWYS 02, 20
DEPARTURESD14.6 GRM
At or above
FL140D4.3 GRM
N40 47.8 E043 53.3
(GRM R-019)MAX
215 KT
Bank 20°ASMIK
N40 39.7 E044 14.0
At or above
FL160D9.2 GRM
N40 35.4
E043 45.9
(GRM R-199)GYUMRI
D 113.4 GRM
N40 43.8 E043 50.8At or above
10000'If below 11000'
climb in holding
then join ATS routesHOLDING
OVER
GRMTIBLO
N40 23.1 E043 53.5
At or above
FL120Rwy 02: This departure requires a minimum climb
gradient of
425' per NM (7%) up to 8000'.

Gnd speed-KT	75	100	150	200	250	300
425' per NM	532	709	1063	1418	1772	2127

RWY

ROUTING

- 02** Climb straight ahead to D4.3 GRM, turn RIGHT to GRM.
- 20** Climb straight ahead to D9.2 GRM, turn LEFT to GRM.



ADDITIONAL RUNWAY INFORMATION										
RWY						USABLE LENGTHS		TAKE-OFF	WIDTH	
						LANDING BEYOND				
						Threshold	Glide Slope			
02	HIRL (60m)	HIALS	TDZ	PAPI-L	RVR		9531' 2905m		148'	
20	HIRL (60m)				RVR	①			45m	

① Not officially published.

JAR-OPS		TAKE-OFF 1		
LVP must be in force		All Rwys		
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)	
A				
B	250m	400m	500m	
C				
D	300m			
1 Operators applying U.S. Ops Specs: CL required below 300m.				

STRAIGHT-IN RWY		A	B	C	D
02	ILS ❶ <i>FULL</i>	5141' (200')	5141' (200')	5141' (200')	5141' (200')
	<i>Limited</i>	R550m	R550m	R550m	R550m
	<i>ALS out</i>	R750m	R750m	R750m	R750m
		R1200m	R1200m	R1200m	R1200m
	LOC ❷❸	5590' (649')	5590' (649')	5590' (649')	5590' (649')
	<i>ALS out</i>	R1500m	R1500m	C2300m	C2300m
		R1500m	R1500m	C2400m	C2400m
	VOR ❷❸	5590' (649')	5590' (649')	5590' (649')	5590' (649')
	<i>ALS out</i>	R1500m	R1500m	C2300m	C2300m
		R1500m	R1500m	C2400m	C2400m
	NDB ❷	5590' (649')	5590' (649')	5590' (649')	5590' (649')
	<i>ALS out</i>	R1500m	R1500m	C2300m	C2300m
		R1500m	R1500m	C2400m	C2400m

❶ Missed apch climb gradient mim 5.9%.

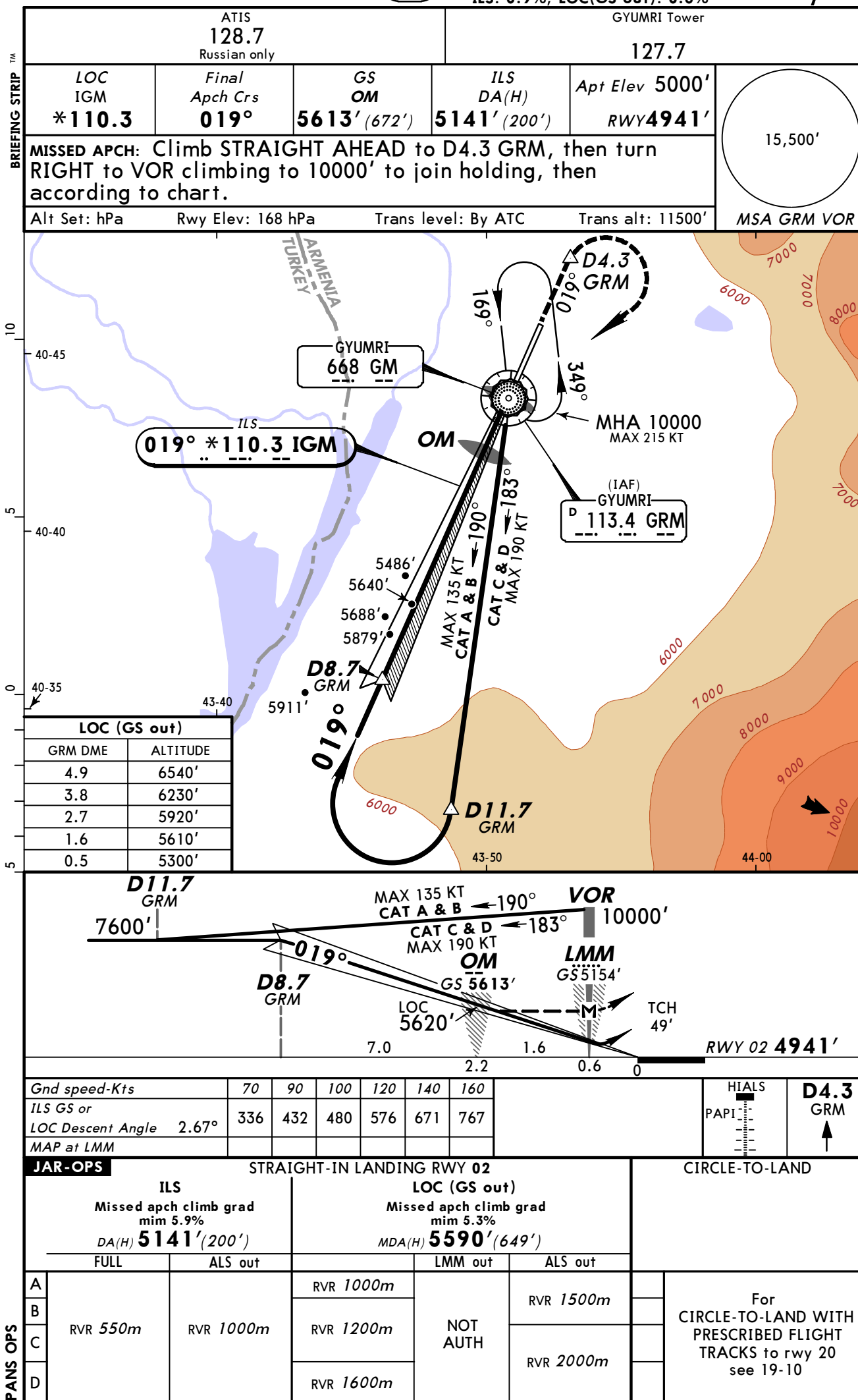
❷ Missed apch climb gradient mim 5.3%.

❸ Continuous Descent Final Approach.

CIRCLE-TO-LAND ❹	100 KT	135 KT	180 KT	185 KT
WITH PRESCRIBED FLIGHT TRACKS	5660' (660') V4000m	5660' (660') V4000m	6380' (1380') V6000m	6380' (1380') V6000m

❹ NIGHT: NOT AUTHORIZED.

TAKE-OFF RWY 02, 20		
LVP must be in Force		
RCLM (DAY only) or RL		RCLM (DAY only) or RL
		NIL (DAY only)
A	250m	400m
B		
C		
D	300m	500m



Age group	Number of people
15-24	2
25-34	3
35-44	4
45-54	5
55-64	6
65-74	7
75-84	8
85+	9

40-45

40-40

40-35

43-40

5911'

5879'

5688'

5640'

5486'

D8.7
[FF02]

D4.9
[49VOR]

D11.7

668 GM
--- --

(IAF) GYUMRI

OM
[IGMOM]

D4.3

691°

0710

349°

MHA 10000
MAX 215 KT

(IAF) GYUMRI
D 113.4 GRM
--- --

1 MISSED APCH CLIMB
GRAD MIM 5.3%

6000

7000

8000

9000

10000

43-50

44-00

GRM DME	ALTITUDE
4.9	6540'
3.8	6230'
2.7	5920'
1.6	5610'
0.5	5300'

Profile view diagram showing the vertical profile of the approach path. Key data points include:

- Runway 02 elevation: 4941'
- TCH (Threshold Crossing Height): 54'
- OM (Obstacle Minimum) station at 5620' (3.2 NM from runway)
- VOR/LMM station at 10000' (0.5 NM from runway)
- Maximum altitude: 135 KT for CAT A & B, 190 KT for CAT C & D
- Vertical clearance of the approach path over the OM station and the VOR/LMM station.

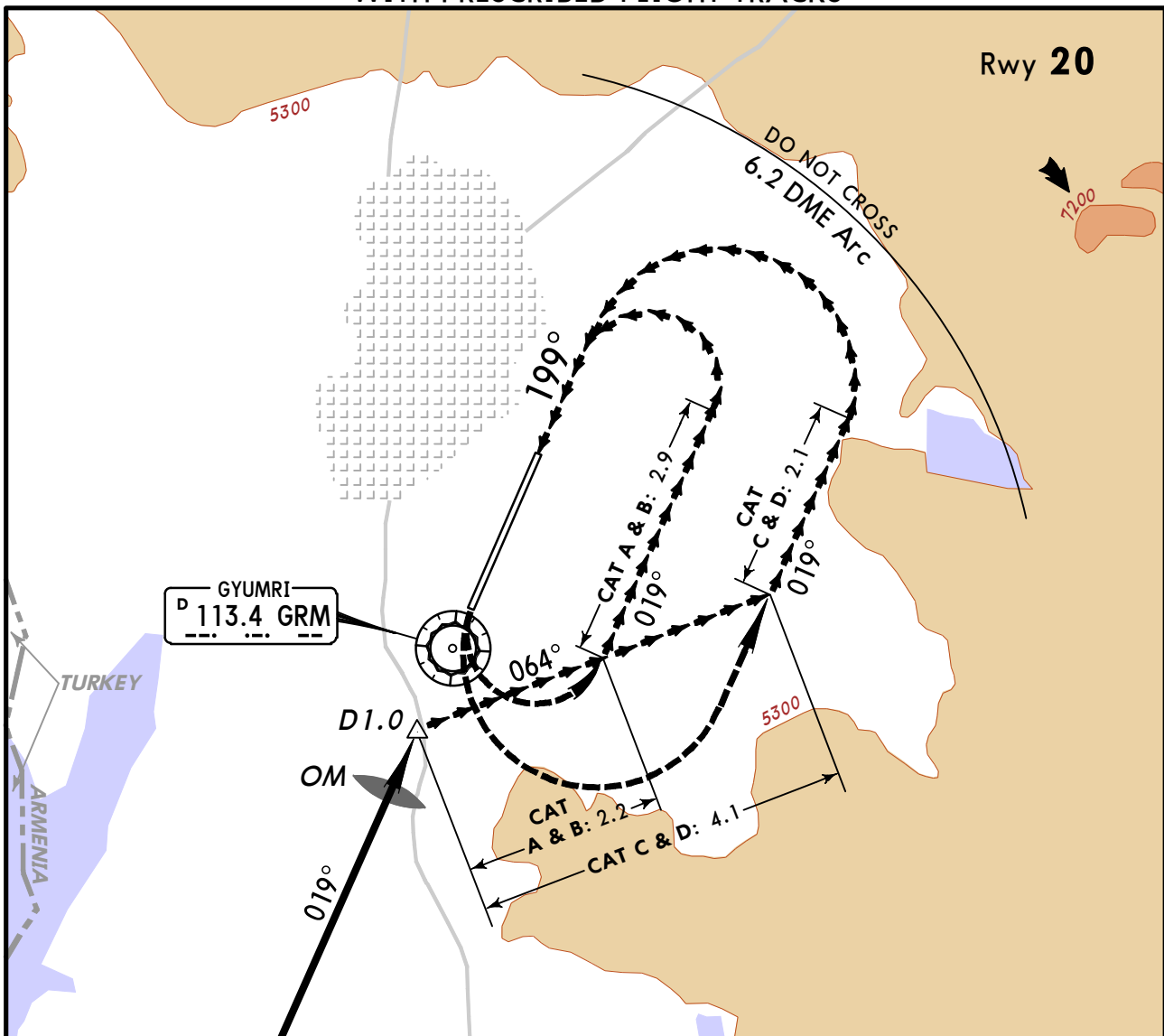
<i>Gnd speed-Kts</i>	70	90	100	120	140	160		D4.3
<i>Descent Angle 2.70°</i>	334	430	478	573	669	764		
<i>MAP at VOR/LMM</i>								

JAR-OPS		STRAIGHT-IN LANDING RWY 02 Missed apch climb grad mim 5.3%				CIRCLE-TO-LAND	
		VOR DME MDA(H) 5590' (649')		NDB DME MDA(H) 5590' (649')			
		ALS out		ALS out			
A	RVR 1000m	RVR 1500m		RVR 1000m	RVR 1500m	For CIRCLE-TO-LAND WITH PRESCRIBED FLIGHT TRACKS to rwy 20 see 19-10	
B	RVR 1200m			RVR 1200m			
C		RVR 2000m			RVR 2000m		
D	RVR 1600m			RVR 1600m			

CHANGES: Communications, Minimums.

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CIRCLE-TO-LAND
WITH PRESCRIBED FLIGHT TRACKS



CAUTION: During final turn do not cross 6.2 DME Arc.

MISSED APCH:

Climb STRAIGHT AHEAD to MDA(H) to VOR, then turn LEFT onto 019°, then according to chart.

JAR-OPS

DAY			NIGHT
	Max Kts	MDA(H)	NOT AUTHORIZED
A	100	5660' (660') 4000m	
B	135		
C	180	6380' (1380') 6000m	
D	185		

GYUMRI, (SHIRAK - UDSG)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UDSG