

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 22-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UDSG

General Info

Gyumri, ARM

N 40° 45.0' E 43° 51.6' Mag Var: 4.8°E

Elevation: 5000'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet A, Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+4:00 uses DST

Runway Info

Runway 02-20 10564' x 148' concrete

Runway 02 (19.0°M) TDZE 4941'

Lights: Edge, ALS, TDZ

Runway 20 (199.0°M) TDZE 5000'

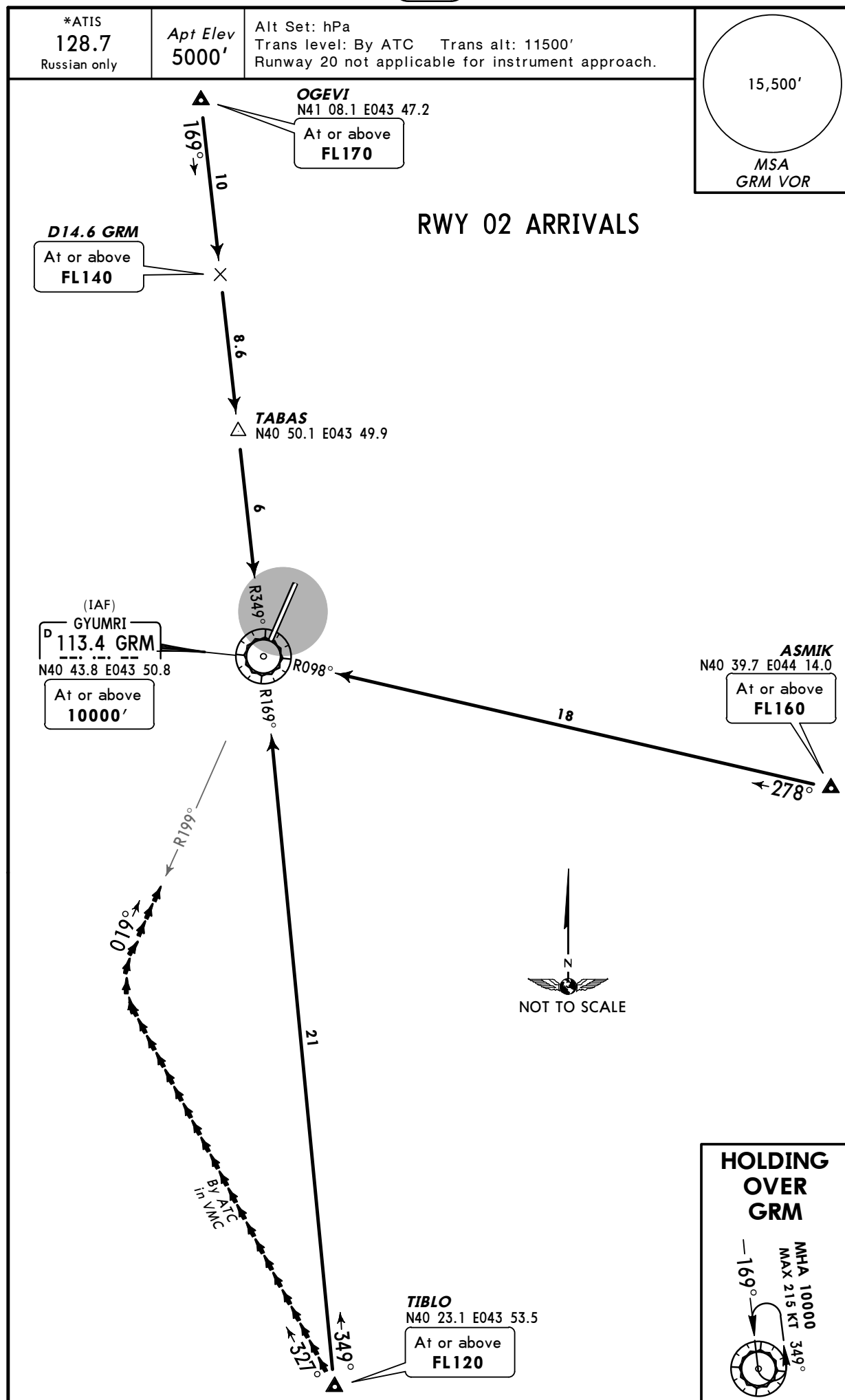
Lights: Edge

Communications InfoATIS **128.7** Non-EnglishGyumri Tower **127.7****Notebook Info**

UDSG/LWN
SHIRAK

JEPPESSEN
9 JAN 09 **10-2** Eff 15 Jan

GYUMRI, ARMENIA
ARRIVAL



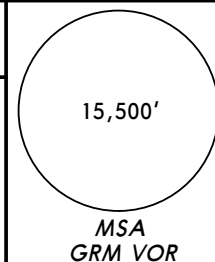
UDSG/LWN
SHIRAK

JEPPesen
 9 JAN 09 **10-3** Eff 15 Jan

GYUMRI, ARMENIA
DEPARTURE

Apt Elev
5000'

Trans level: By ATC Trans alt: 11500'
 Contact GYUMRI Approach immediately after take-off.



RWYS 02, 20
DEPARTURES

D14.6 GRM
 At or above
FL140

OGEVI
 N41 08.1 E043 47.2

TABAS
 N40 50.1 E043 49.9

D4.3 GRM
 N40 47.8 E043 53.3
 (GRM R-019)

MAX
215 KT
 Bank **20°**



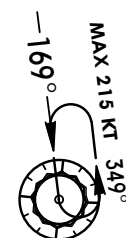
ASMIK
 N40 39.7 E044 14.0
 At or above
FL160

GYUMRI
D 113.4 GRM
 N40 43.8 E043 50.8

At or above
10000'
 If below **11000'**
 climb in holding
 then join ATS routes

D9.2 GRM
 N40 35.4
 E043 45.9
 (GRM R-199)

HOLDING
OVER
GRM



TIBLO
 N40 23.1 E043 53.5
 At or above
FL120

Rwy 02: This departure requires a minimum climb
 gradient of
 425' per NM (7%) up to **8000'**.

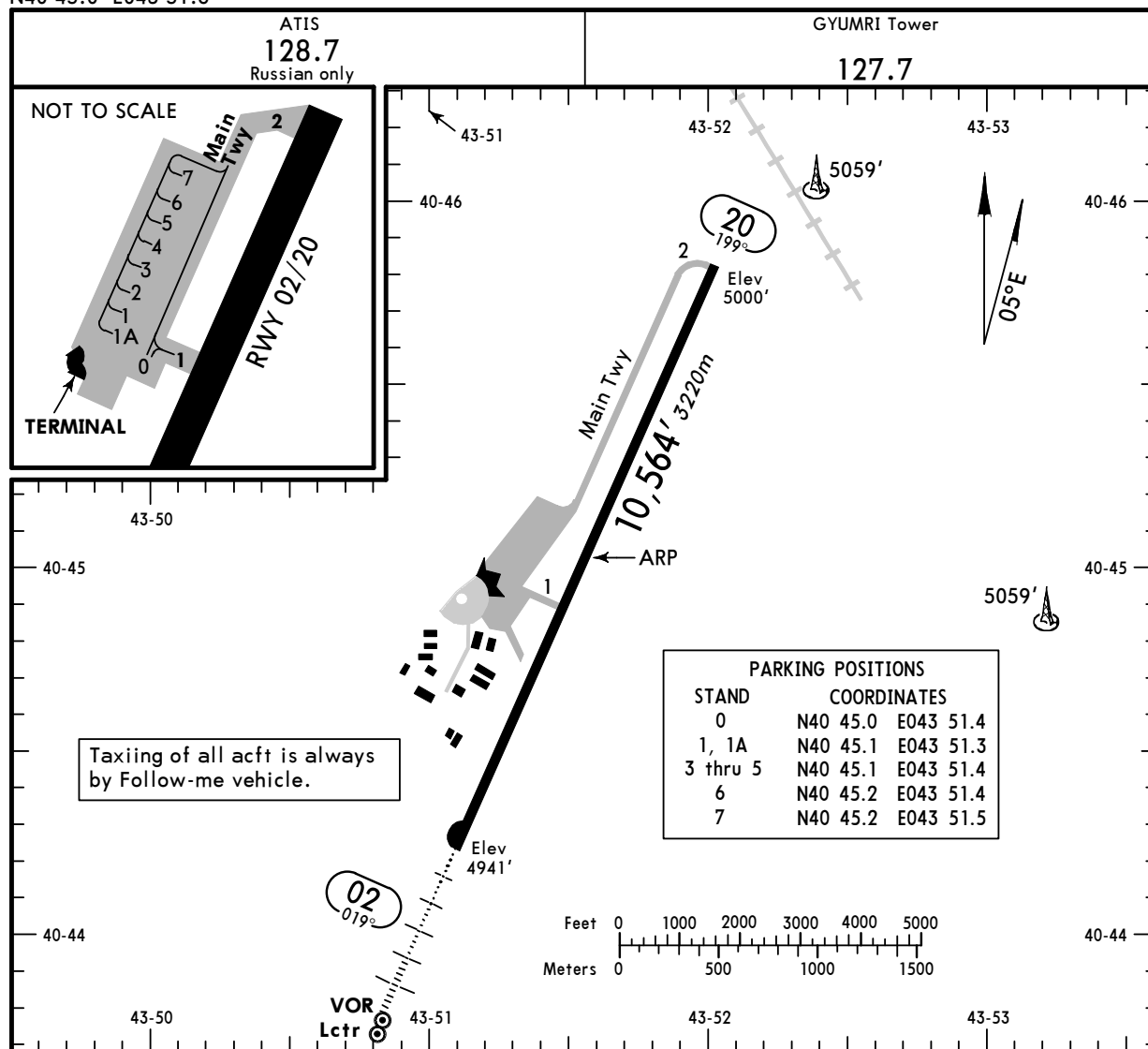
Gnd speed-KT	75	100	150	200	250	300
425' per NM	532	709	1063	1418	1772	2127

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.

UDSG/LWN
Apt Elev **5000'**
N40 45.0 E043 51.6

JEPPesen
2 JUL 10 **(10-9)**

GYUMRI, ARMENIA
SHIRAK



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

① Not officially published.

JAR-OPS

TAKE-OFF ①

	All Rwys		
	LVP must be in force	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.

UDSG/LWN
SHIRAK

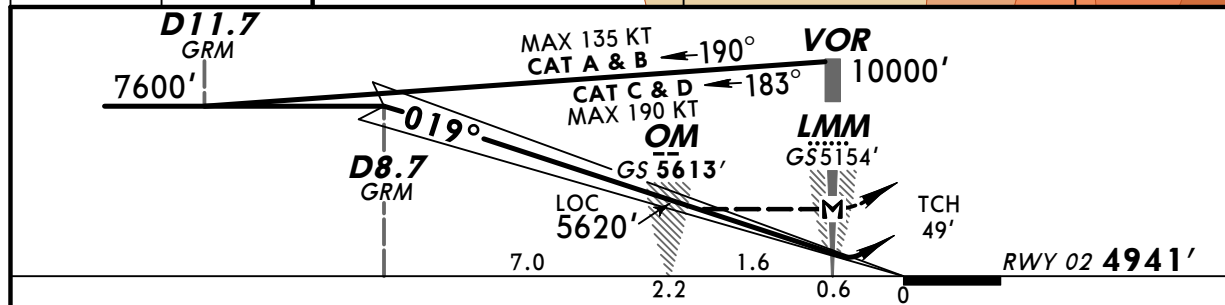
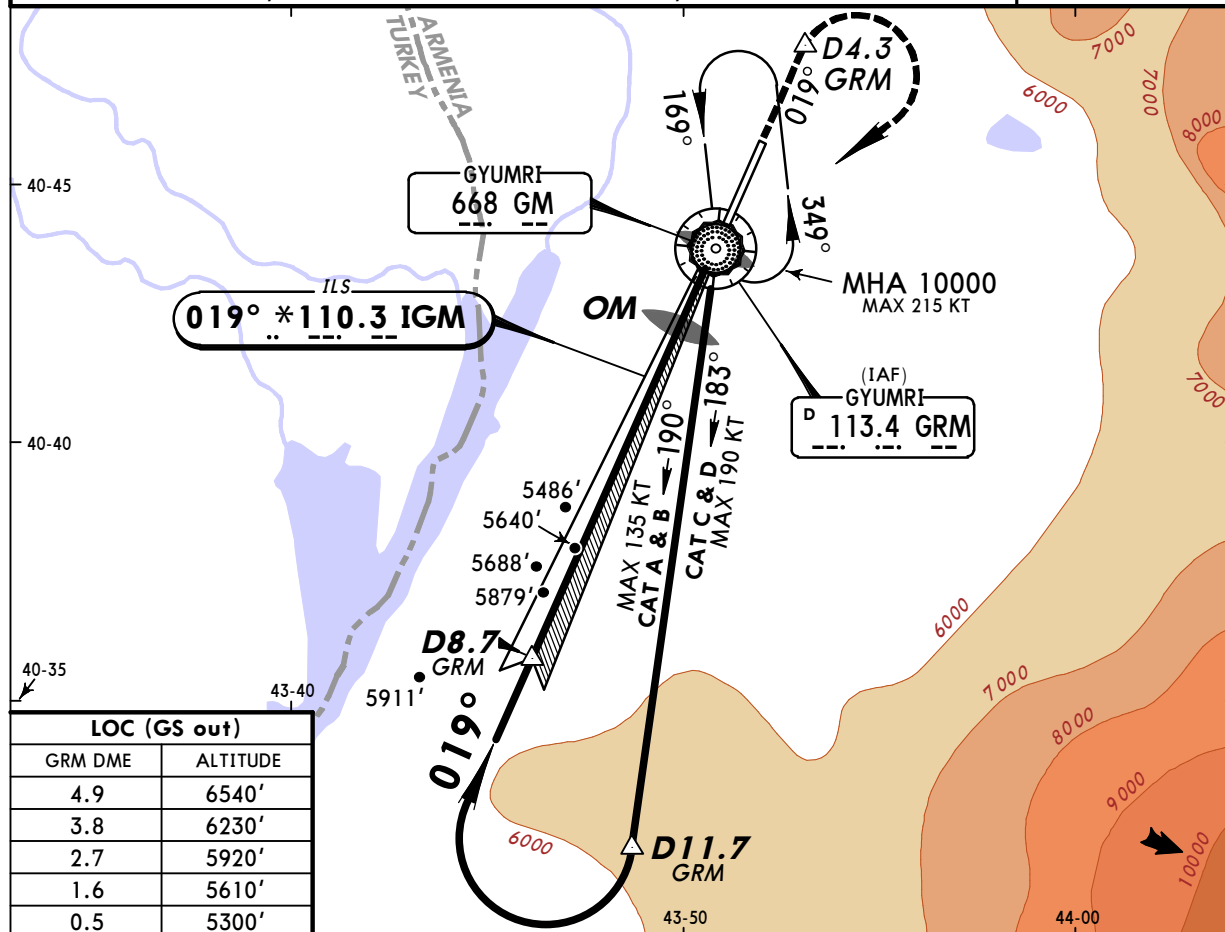
JEPPesen
2 JUL 10 **(11-1)**

MISSED APCH CLIMB GRAD MIM
ILS: 5.9%, LOC(GS out): 5.3%

GYUMRI, ARMENIA
ILS Rwy 02

BRIEFING STRIP

ATIS 128.7 Russian only				GYUMRI Tower 127.7	
LOC IGM *110.3	Final Apch Crs 019°	GS OM 5613' (672')	ILS DA(H) 5141' (200')	Apt Elev 5000' RWY 4941'	15,500'
MISSED APCH: Climb STRAIGHT AHEAD to D4.3 GRM, then turn RIGHT to VOR climbing to 10000' to join holding, then according to chart.					
Alt Set: hPa	Rwy Elev: 168 hPa	Trans level: By ATC	Trans alt: 11500'	MSA GRM VOR	



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	D4.3 GRM
ILS GS or	336	432	480	576	671	767		
LOC Descent Angle 2.67°								
MAP at LMM								

JAR-OPS		STRAIGHT-IN LANDING RWY 02				CIRCLE-TO-LAND		
ILS		LOC (GS out)						
Missed apch climb grad mim 5.9%		Missed apch climb grad mim 5.3%						
DA(H) 5141'(200')		MDA(H) 5590'(649')						
FULL		ALS out		LMM out		ALS out		
A	RVR 550m	RVR 1000m	RVR 1000m	NOT AUTH	RVR 1500m	For CIRCLE-TO-LAND WITH PRESCRIBED FLIGHT TRACKS to rwy 20 see 19-10		
B			RVR 1200m					
C					RVR 2000m			
D			RVR 1600m					

PANS OPS

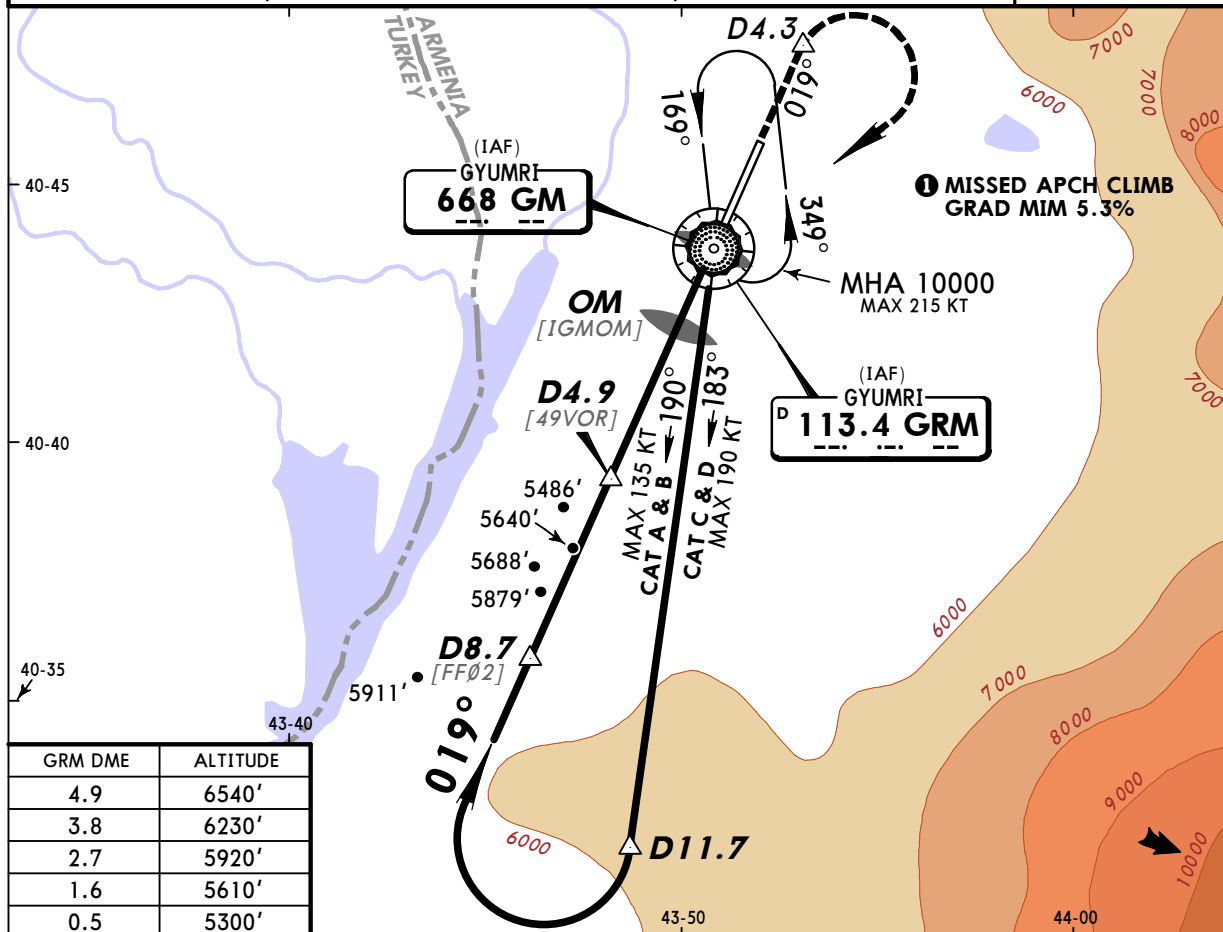
UDSG/LWN
SHIRAK

JEPPesen
2 JUL 10 **(13-1)** **① VOR DME or NDB DME Rwy 02**

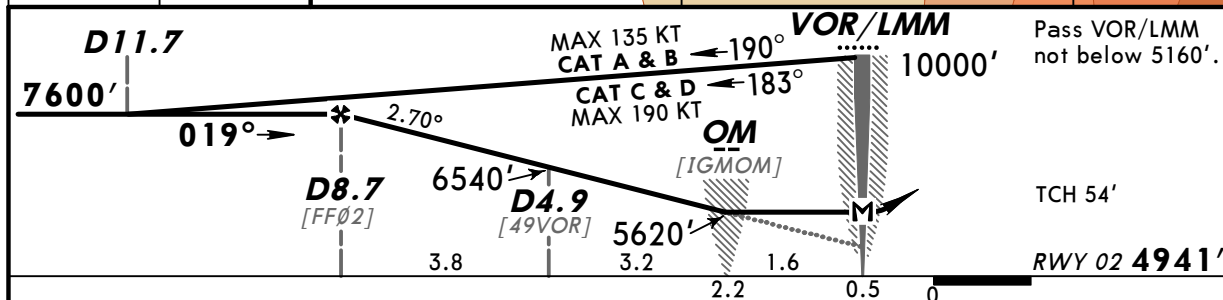
GYUMRI, ARMENIA

BRIEFING STRIP

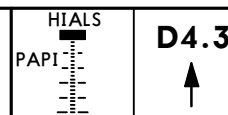
ATIS 128.7 Russian only				GYUMRI Tower 127.7		
VOR GRM 113.4	Lctr GM 668	Final Apch Crs 019°	Minimum Alt D8.7 7600'(2659')	MDA(H) 5590'(649')	Apt Elev 5000' RWY4941'	15,500' MSA GRM VOR
MISSED APCH: Climb STRAIGHT AHEAD to D4.3, then turn RIGHT to VOR climbing to 10000' to join holding, then according to chart.						
Alt Set: hPa		Rwy Elev: 168 hPa		Trans level: By ATC		



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



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



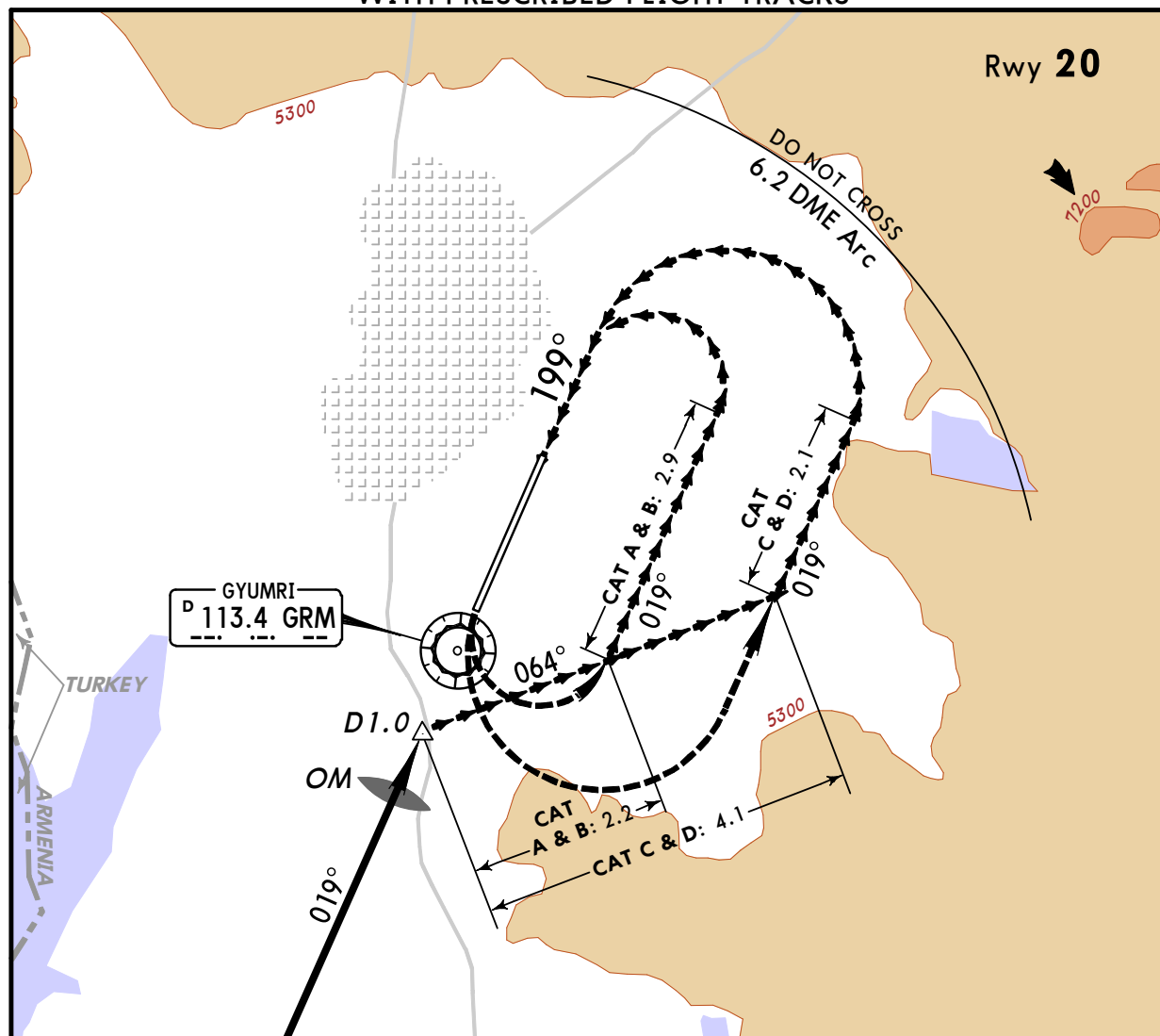
JAR-OPS		STRAIGHT-IN LANDING RWY 02				CIRCLE-TO-LAND	
Missed apch climb grad min 5.3%						For CIRCLE-TO-LAND WITH PRESCRIBED FLIGHT TRACKS to rwy 20 see 19-10	
VOR DME			NDB DME				
MDA(H) 5590'(649')			MDA(H) 5590'(649')				
ALS out			ALS out				
A	RVR 1000m	RVR 1500m	RVR 1000m	RVR 1500m			
B	RVR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

PANS OPS

UDSG/LWN
 Apt Elev **5000'**

JEPPESEN
 2 JUL 10 **(19-10)**
CIRCLE-TO-LAND
WITH PRESCRIBED FLIGHT TRACKS

GYUMRI, ARMENIA
SHIRAK



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)	
A	100	5660' (660') 4000m	NOT AUTHORIZED
B	135		
C	180	6380' (1380') 6000m	
D	185		