

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

No revision activity since Disc 09-2011

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'

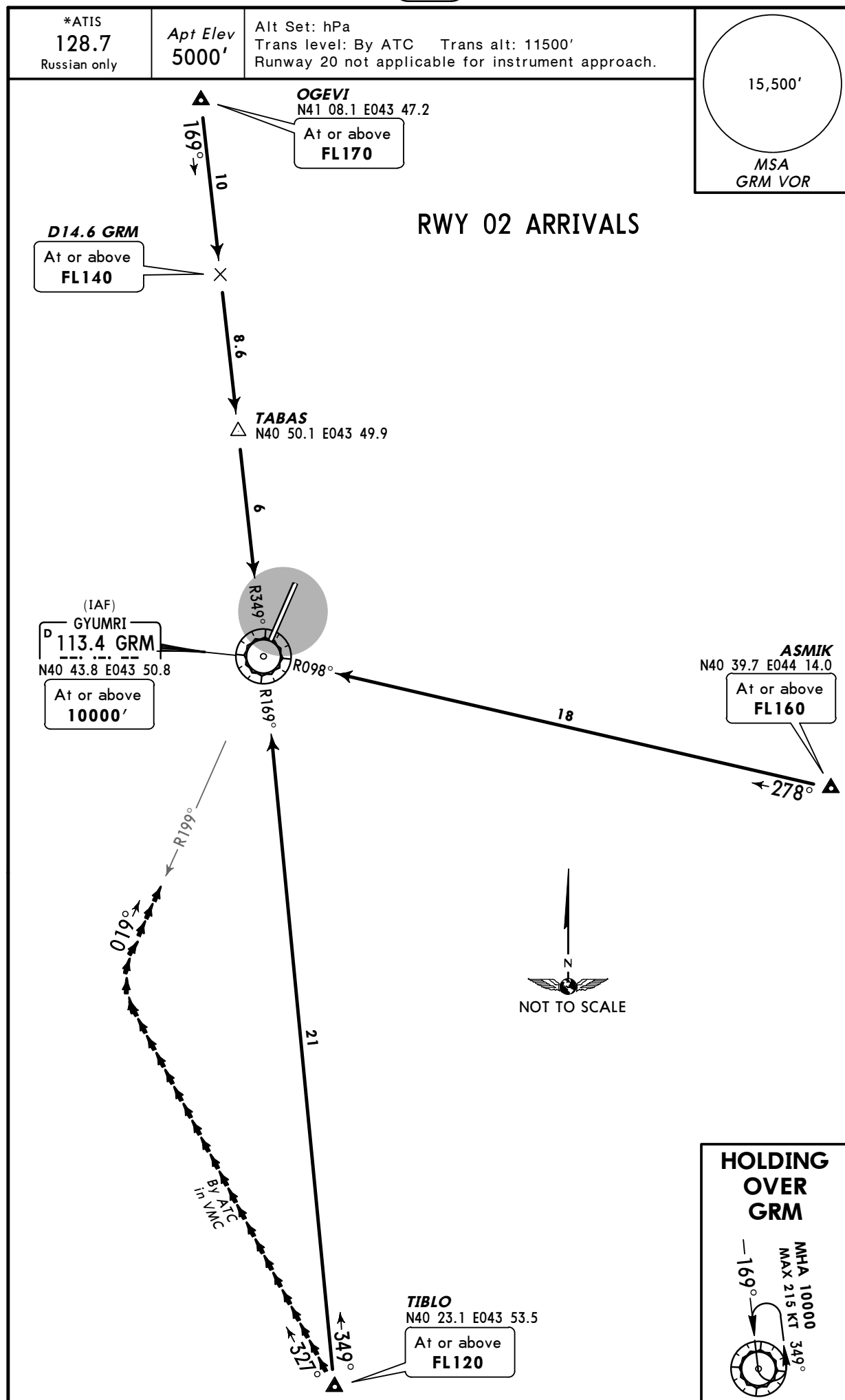
Lights: Edge

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



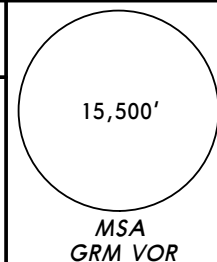
UDSG/LWN
SHIRAK

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

GYUMRI, ARMENIA
DEPARTURE

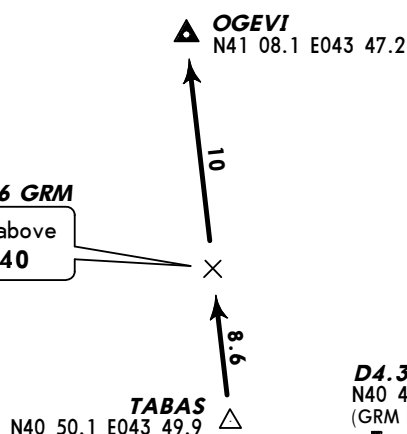
Apt Elev
5000'

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



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

MAX
215 KT
 Bank **20°**



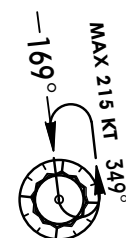
ASMIK
 N40 39.7 E044 14.0
 At or above
FL160

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

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

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'**.

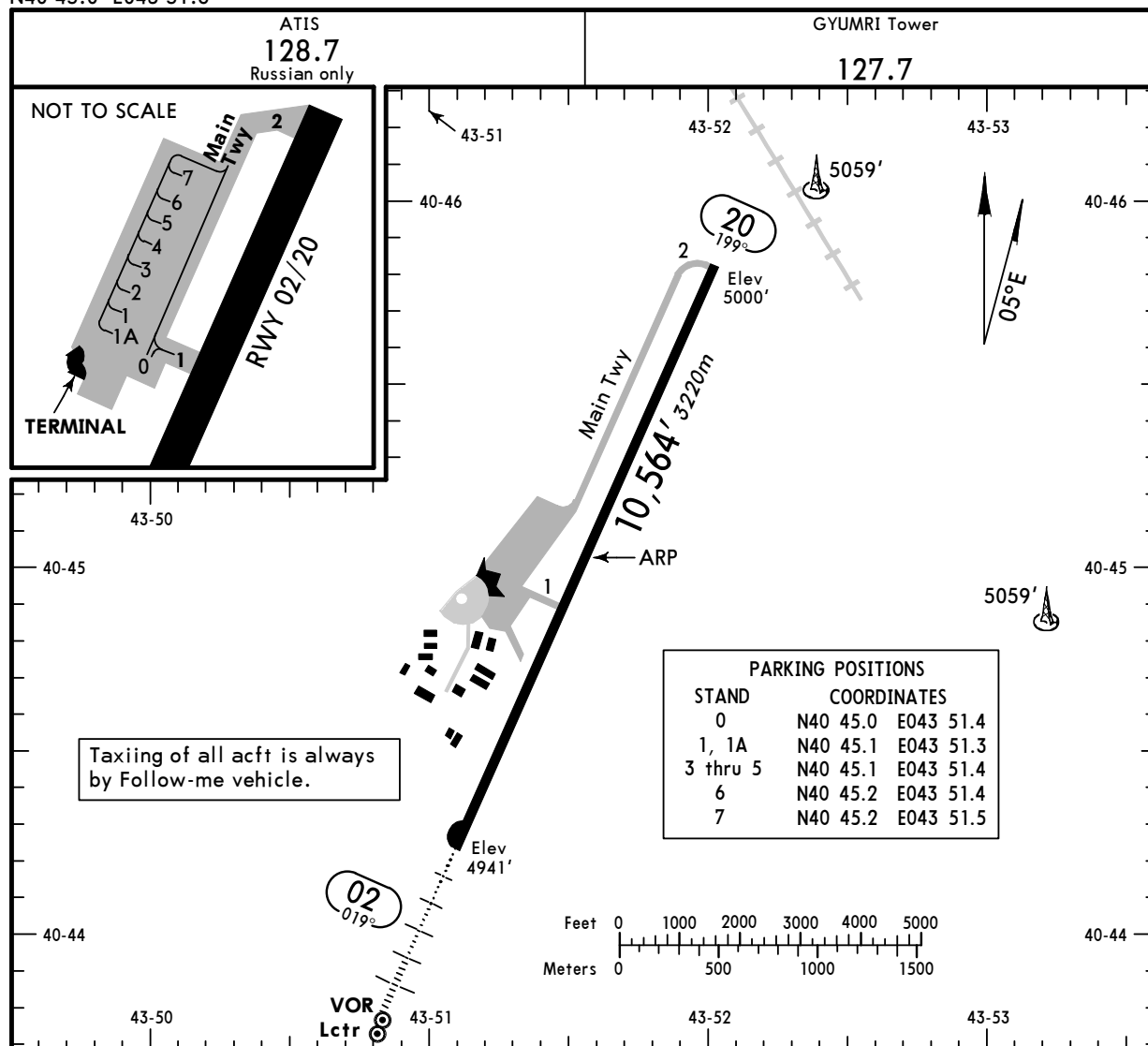
Gnd speed-KT	75	100	150	200	250	300
425' per NM	532	709	1063	1418	1772	2127

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

JEPPESSEN
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	❶			45m

❶ Not officially published.

JAR-OPS

TAKE-OFF ❶

	All Rwys		
	LVP must be in force	RCLM (DAY only) or RL	NIL (DAY only)
A			
B	250m	400m	500m
C			
D	300m		

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

UDSG/LWN

 **JEPPESEN**
17 DEC 10 **10-9S****Standard**
GYUMRI, ARMENIA
SHIRAK

STRAIGHT-IN RWY		A	B	C	D
02	ILS ❶	5141' (200')	5141' (200')	5141' (200')	5141' (200')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC ❷❸	5590' (649')	5590' (649')	5590' (649')	5590' (649')
		R1500m	R1500m	C2300m	C2300m
	<i>ALS out</i>	R1500m	R1500m	C2400m	C2400m
	VOR ❷❸	5590' (649')	5590' (649')	5590' (649')	5590' (649')
		R1500m	R1500m	C2300m	C2300m
	<i>ALS out</i>	R1500m	R1500m	C2400m	C2400m
	NDB ❷	5590' (649')	5590' (649')	5590' (649')	5590' (649')
		R1500m	R1500m	C2300m	C2300m
	<i>ALS out</i>	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	500m
B			
C			
D	300m		

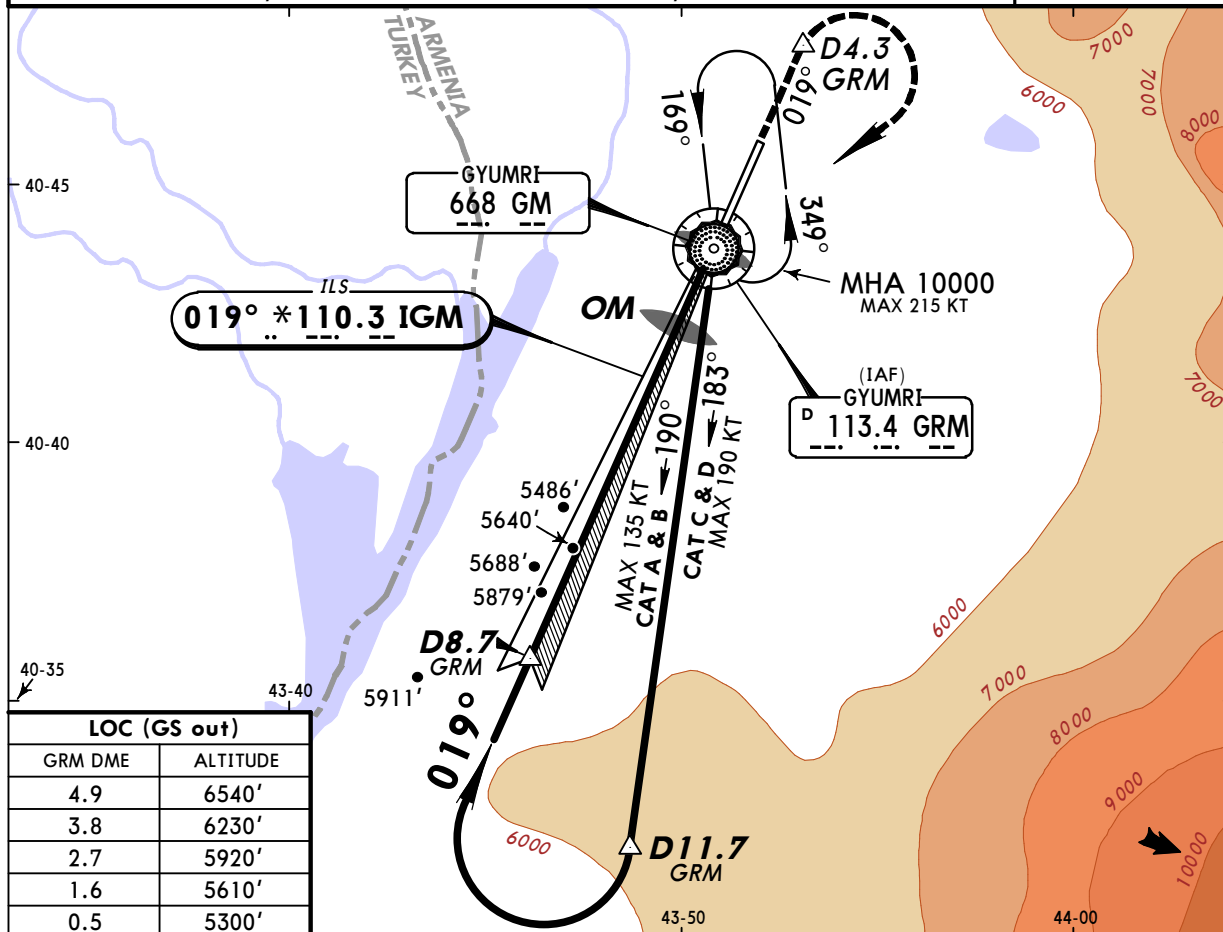
UDSG/LWN
SHIRAK

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

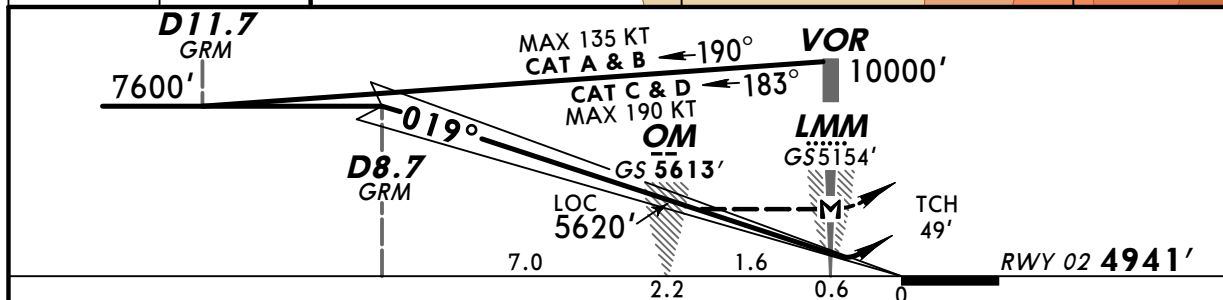
GYUMRI, ARMENIA
ILS Rwy 02
MISSED APCH CLIMB GRAD MIM
ILS: 5.9%, LOC(GS out): 5.3%

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' RWY4941'	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.					MSA GRM VOR
Alt Set: hPa	Rwy Elev: 168 hPa	Trans level: By ATC	Trans alt: 11500'		



LOC (GS out)	
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	HIALS PAPI D4.3 GRM
ILS GS or LOC Descent Angle 2.67°	336	432	480	576	671	767	
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							
D			RVR 1600m				

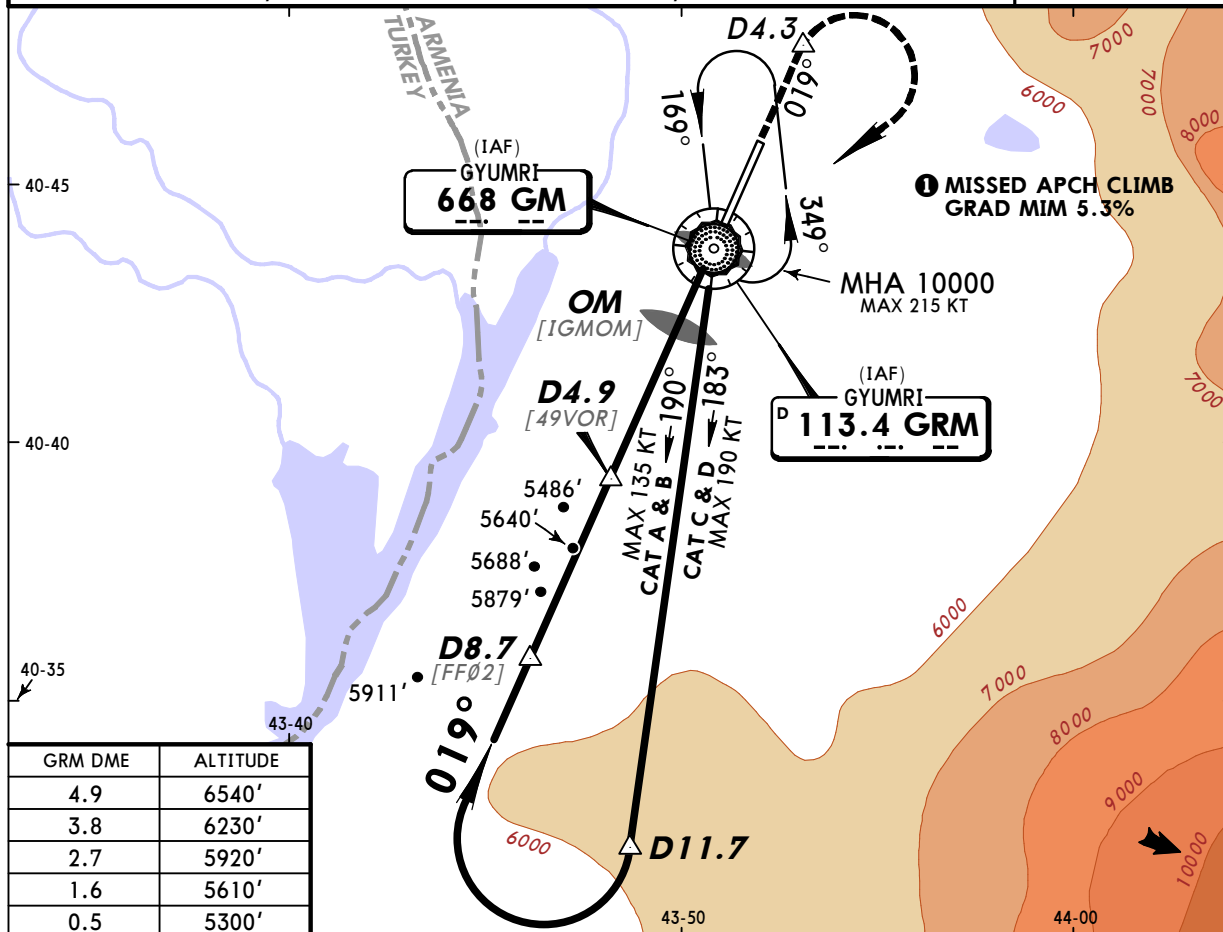
UDSG/LWN
SHIRAK

JEPPesen
2 JUL 10 **(13-1)**

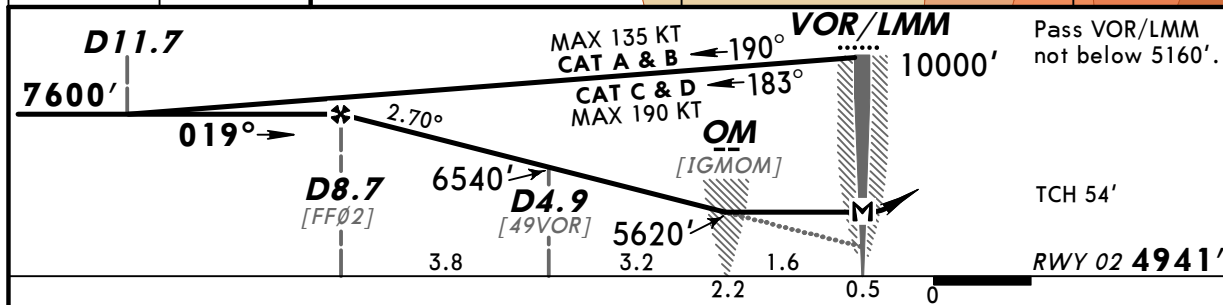
GYUMRI, ARMENIA
VOR DME or NDB DME Rwy 02

BRIEFING STRIP

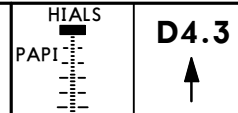
ATIS 128.7 Russian only				GYUMRI Tower 127.7		
VOR GRM 113.4	Lctr GM 668	Final Apch Crs 019°	Minimum Alt D8.7 7600'(2659')	MDA(H) 5590'(649')	Apt Elev 5000' RWY4941'	15,500'
MISSED APCH: Climb STRAIGHT AHEAD to D4.3, then turn RIGHT to VOR climbing to 10000' to join holding, then according to chart.						
Alt Set: hPa		Rwy Elev: 168 hPa	Trans level: By ATC		Trans alt: 11500'	



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						



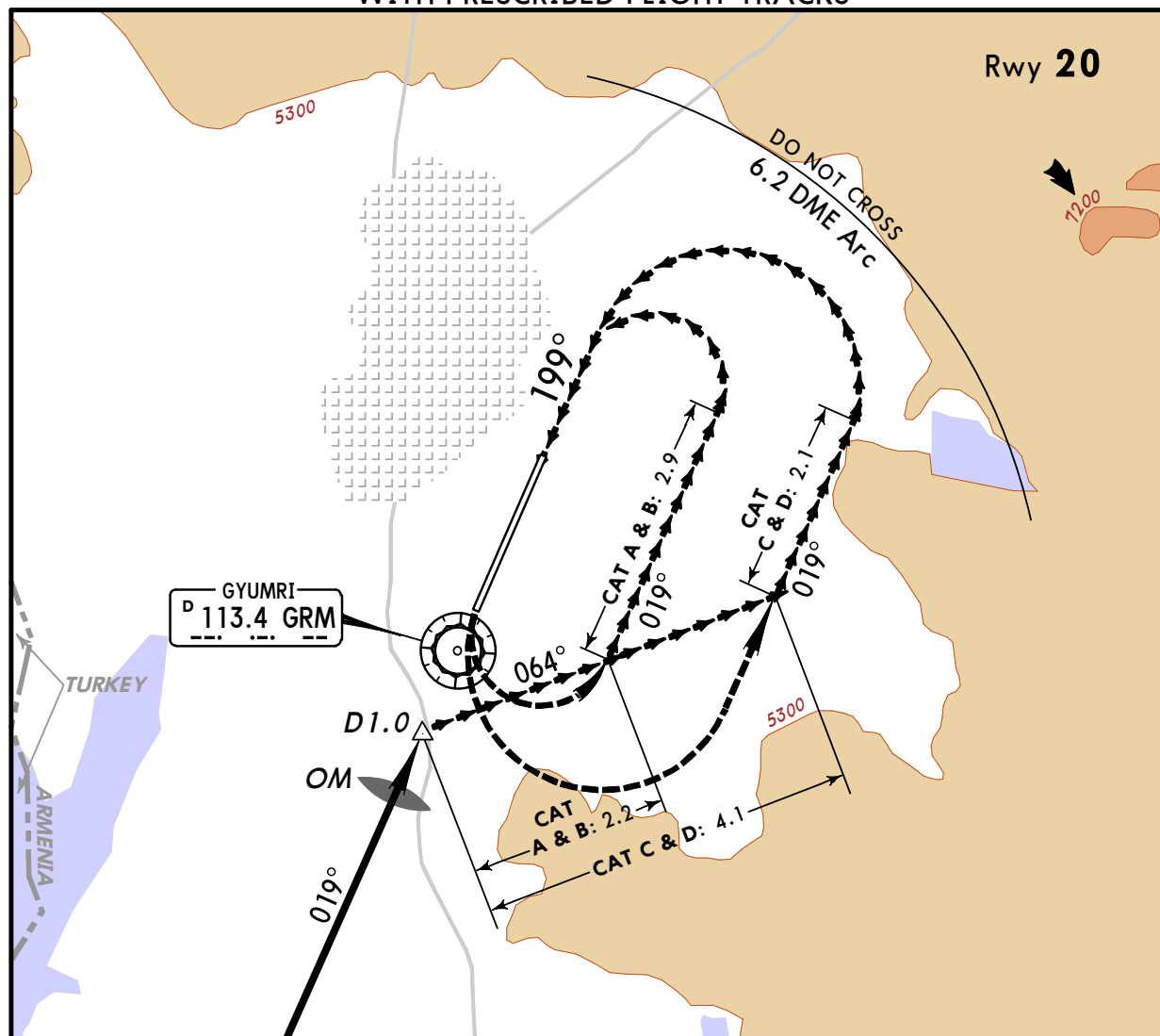
JAR-OPS		STRAIGHT-IN LANDING RWY 02				CIRCLE-TO-LAND	
Missed apch climb grad min 5.3%							
VOR DME			NDB DME				
MDA(H) 5590'(649')			MDA(H) 5590'(649')				
ALS out			ALS out				
A	RVR 1000m	RVR 1500m	RVR 1000m	RVR 1500m		For CIRCLE-TO-LAND WITH PRESCRIBED FLIGHT TRACKS to rwy 20 see 19-10	
B	RVR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

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		