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Changed chart(s) since Disc 10-2010
ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 10-2010

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'

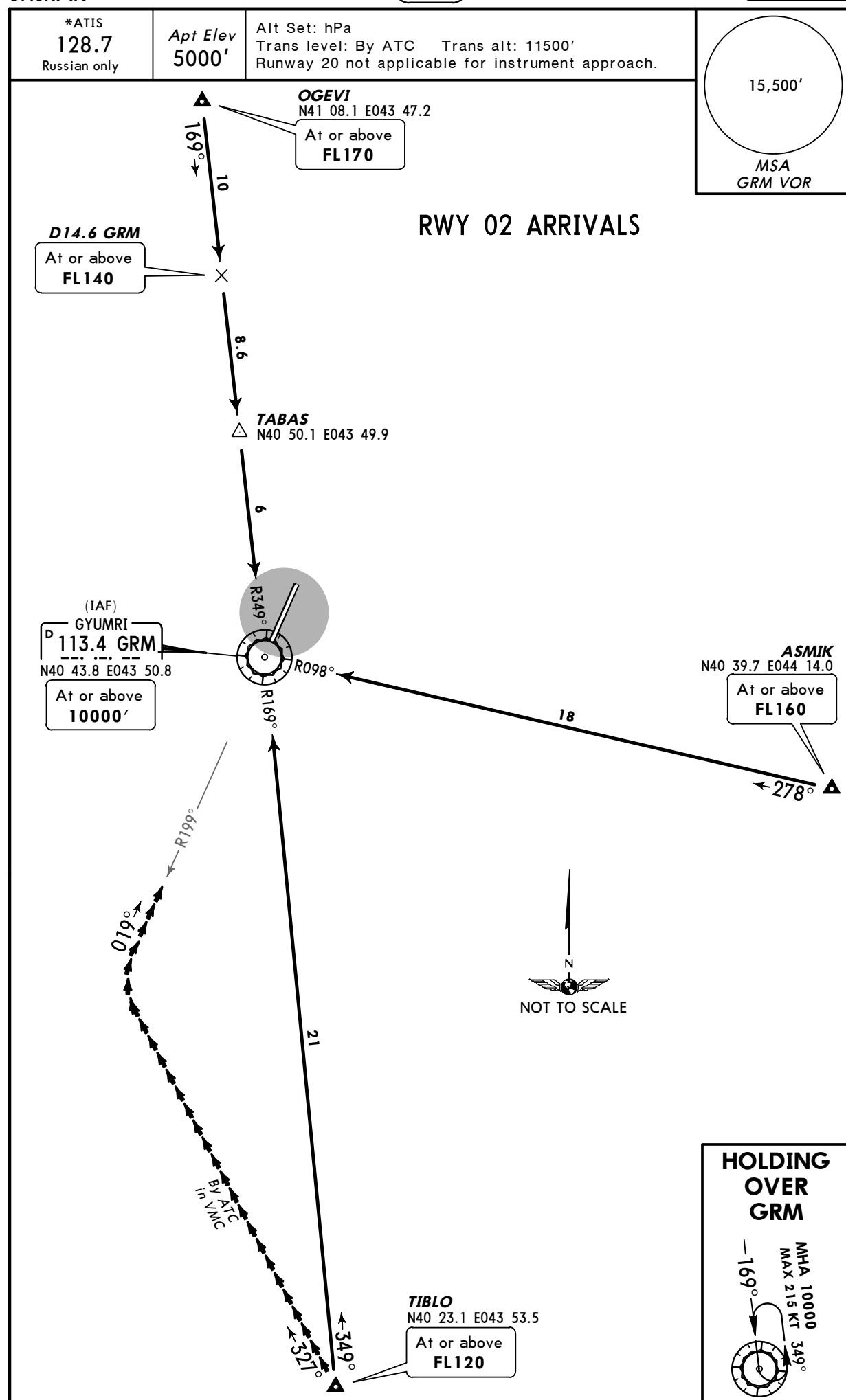
Lights: Edge

Communications InfoATIS **128.7** Non-EnglishGyumri Tower **120.6**Gyumri Approach Control **127.7****Notebook Info**

UDSG/LWN
SHIRAK

JEPPESEN
9 JAN 09 10-2 Eff 15 Jan

GYUMRI, ARMENIA



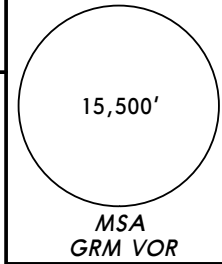
UDSG/LWN
SHIRAK

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

GYUMRI, ARMENIA
DEPARTURE

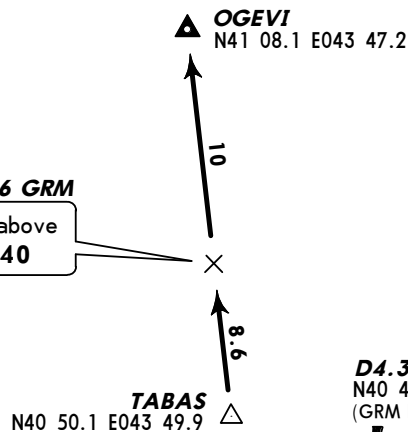
Apt Elev
5000'

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



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

MAX
215 KT
Bank **20°**



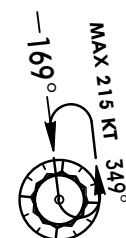
ASMIK
N40 39.7 E044 14.0
At or above
FL160

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'**.

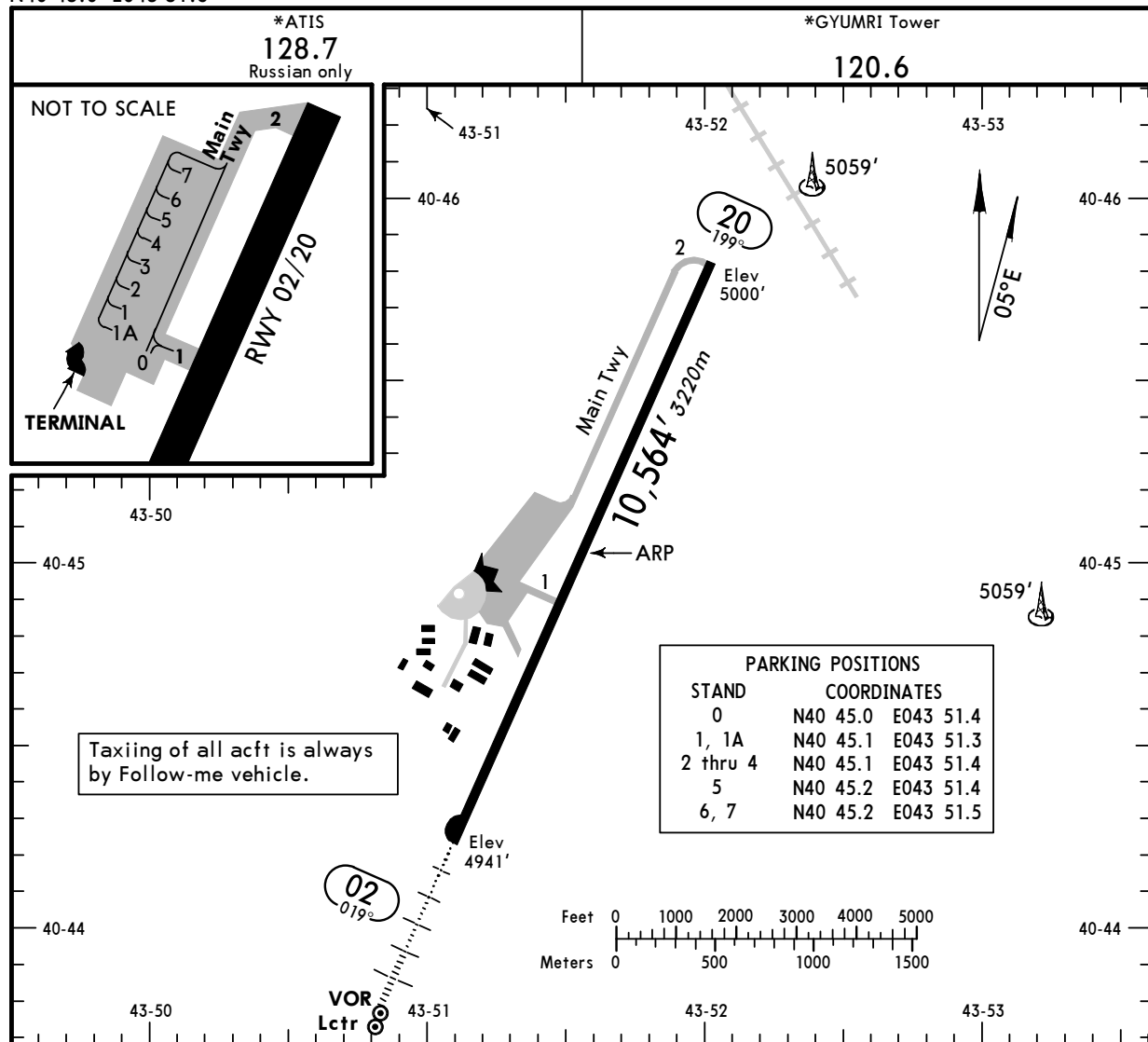
Gnd speed-KT	75	100	150	200	250	300
425' per NM	532	709	1063	1418	1772	2127

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
1 FEB 08 **(10-9)** **Eff 14 Feb**

GYUMRI, ARMENIA
SHIRAK



ADDITIONAL RUNWAY INFORMATION

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

❶ Not officially published.

TAKE-OFF
AIR CARRIER (JAA)
All Rwys

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

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1 FEB 08
Eff 14 Feb

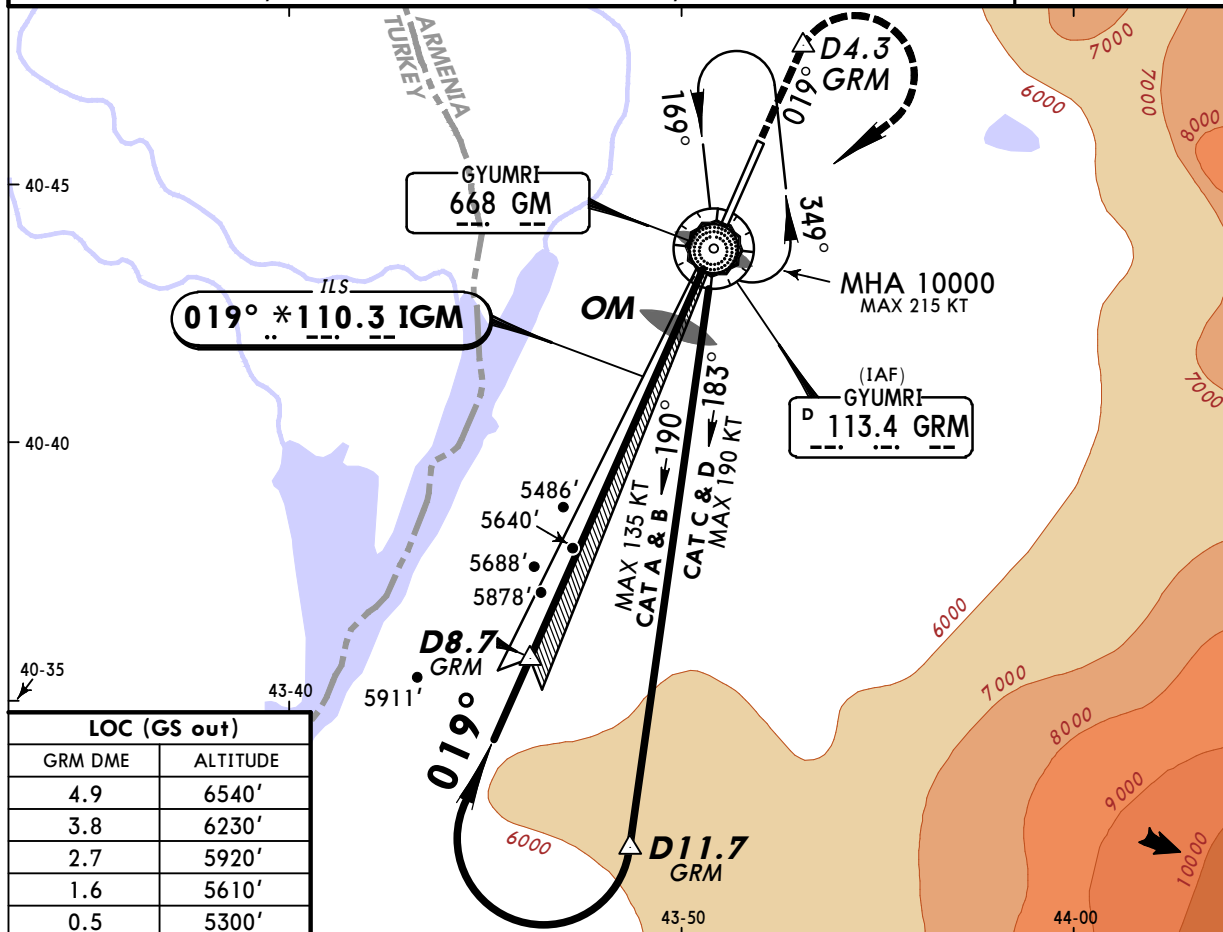
(11-1)

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

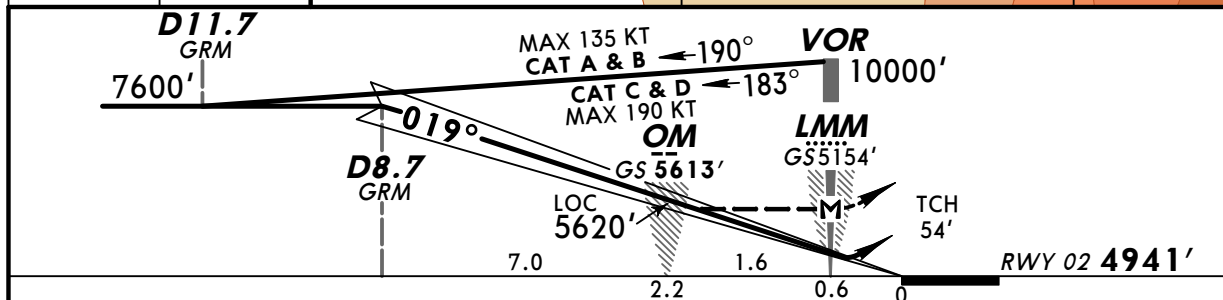
GYUMRI, ARMENIA
ILS Rwy 02

BRIEFING STRIP

*ATIS 128.7 Russian only		*GYUMRI Approach 127.7		*GYUMRI Tower 120.6	
LOC IGM *110.3	Final Apch Crs 019°	GS OM 5613' (672')	ILS DA(H) 5141' (200')	Apt Elev 5000' RWY4941'	15,500'
MISSD 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	



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 2.67° or	336	432	480	576	671	767		
LOC Descent Gradient 4.7%								
MAP at LMM								

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 720m VIS 800m			
B		RVR 1800m VIS 2000m			
C	RVR 720m VIS 800m	1200m	NOT AUTH	2800m	For CIRCLE-TO-LAND WITH PRESCRIBED FLIGHT TRACKS to rwy 20 see 19-10
D		2400m		3200m	

PANS OPS

CHANGES: TCH.

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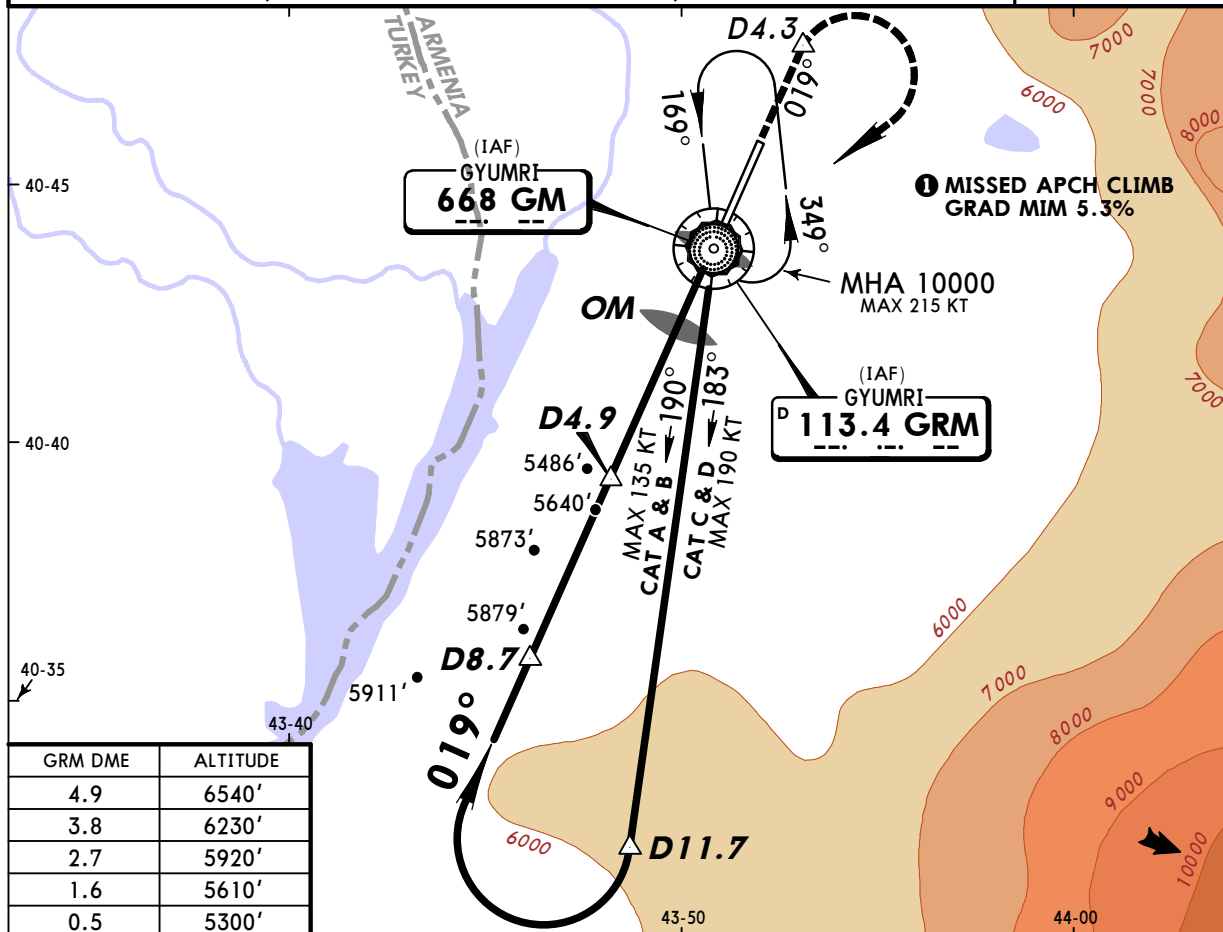
UDSG/LWN
SHIRAK

17 FEB 06 13-1 1 V

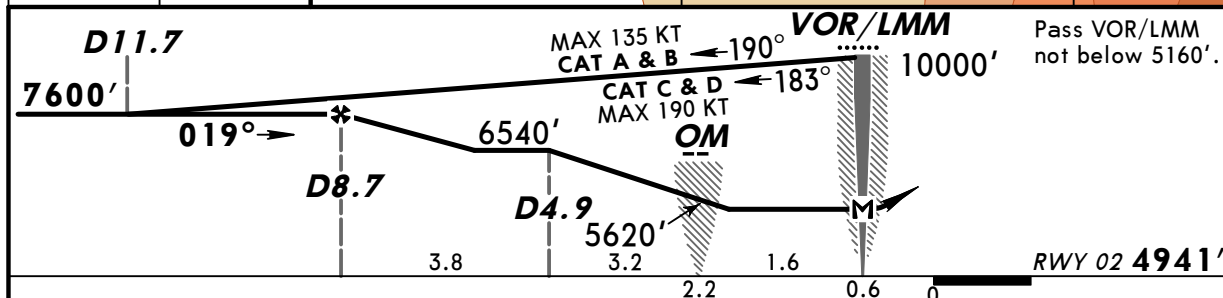
GYUMRI, ARMENIA
r NDB DME Rwy 02

BRIEFING STRIP™

*ATIS 128.7 Russian only			*GYUMRI Approach 127.7			*GYUMRI Tower 120.6		
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'



<i>Gnd speed-Kts</i>	70	90	100	120	140	160		D4.3
<i>Descent Gradient after D4.9 4.7%</i>	333	428	476	571	666	762		
<i>MAP at VOR/LMM</i>								

STRAIGHT-IN LANDING RWY 02

CIRCLE-TO-LAND

Missed apch climb grad mim 5.3%					
VOR DME MDA(H) 5590' (649')		NDB DME MDA(H) 5590' (649')			
ALS out		ALS out			
A	RVR 720m VIS 800m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m	For CIRCLE-TO-LAND WITH PRESCRIBED FLIGHT TRACKS to rwy 20 see 19-10
B					
C	RVR 1800m VIS 2000m	2800m	RVR 1800m VIS 2000m	2800m	
D	2400m	3200m	2800m	3200m	

PANS OPS

CHANGES: Procedure.

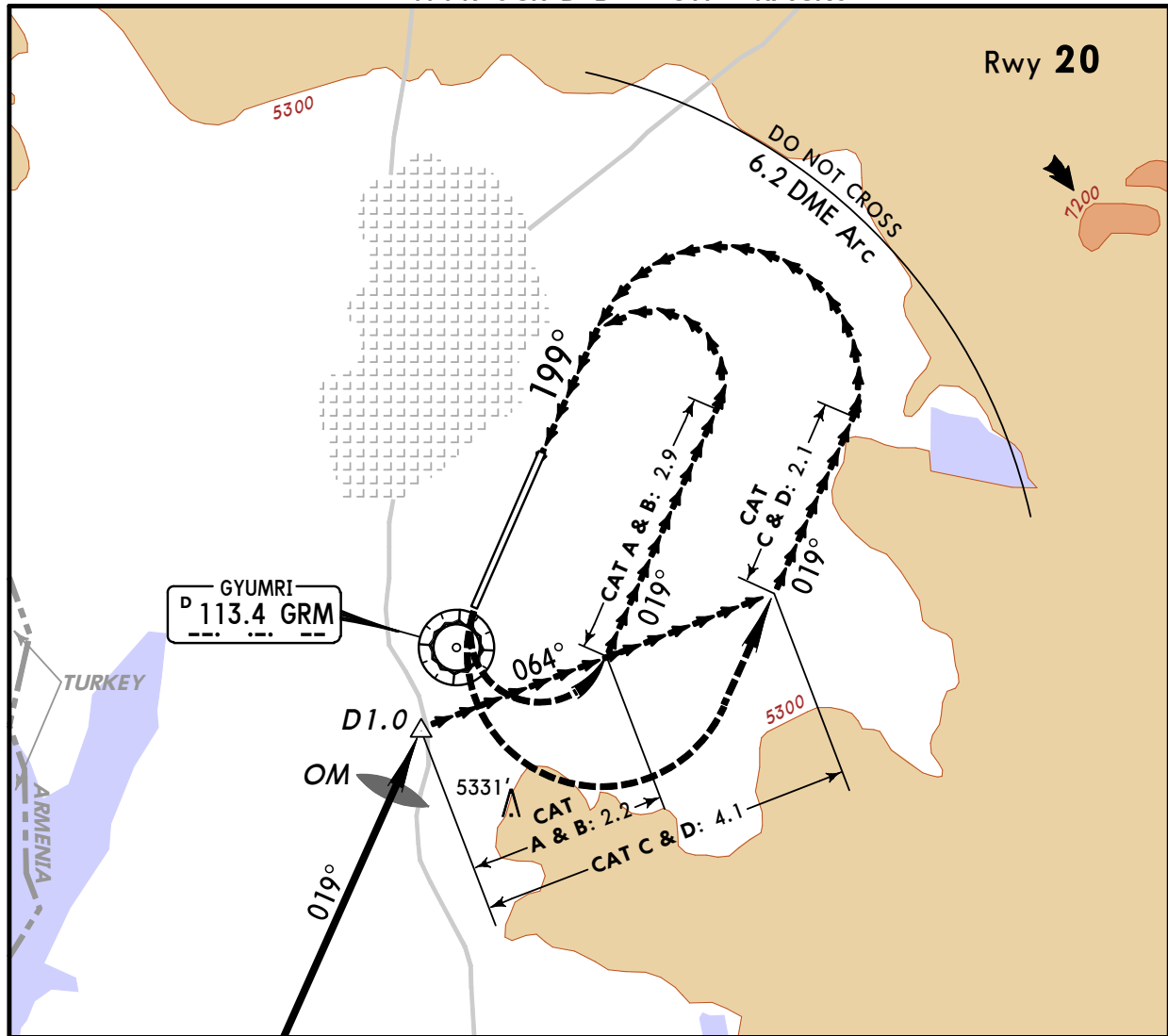
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UDSG/LWN
Apt Elev **5000'**

JEPPESEN
17 FEB 06 **(19-10)**

GYUMRI, ARMENIA
SHIRAK

**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.

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

CHANGES: New procedure.

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