

Page 1

Changed chart(s) since Disc 16-2010

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 16-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UTAA

UTAA (Ashgabat)**General Info**

Ashgabat, TKM

N 37° 59.5' E 58° 21.8' Mag Var: 4.0°E

Elevation: 692'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet A-1

Time Zone Info: GMT+5:00 no DST

Runway Info

Runway 11-29 2953' x 115' asphalt

Runway 12L-30R 12467' x 151' concrete

Runway 12R-30L 9806' x 197' concrete

Runway 11 (106.0°M) TDZE 686'

Runway 12L (115.0°M) TDZE 682'

Lights: Edge, ALS, Centerline, TDZ

Runway 12R (115.0°M) TDZE 689'

Lights: Edge, ALS

Runway 29 (286.0°M) TDZE 679'

Runway 30L (295.0°M) TDZE 679'

Lights: Edge, ALS

Runway 30R (295.0°M) TDZE 679'

Lights: Edge, ALS, Centerline, TDZ

Communications InfoAshgabat Start Tower **120.0**Ashgabat Taxiing Ground Control **121.7**Ashgabat Approach Control **123.5**Ashgabat Krug Radar **118.7**Ashgabat Transit Operations **131.9**Unknown **126.8** Non-English**Notebook Info**

UTAA/ASB
ASHGABAT

JEPPESEN ASHGABAT, TURKMENISTAN

7 MAY 04

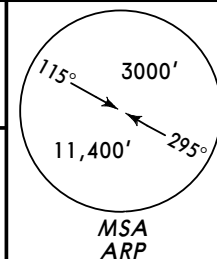
10-2

Eff 13 May

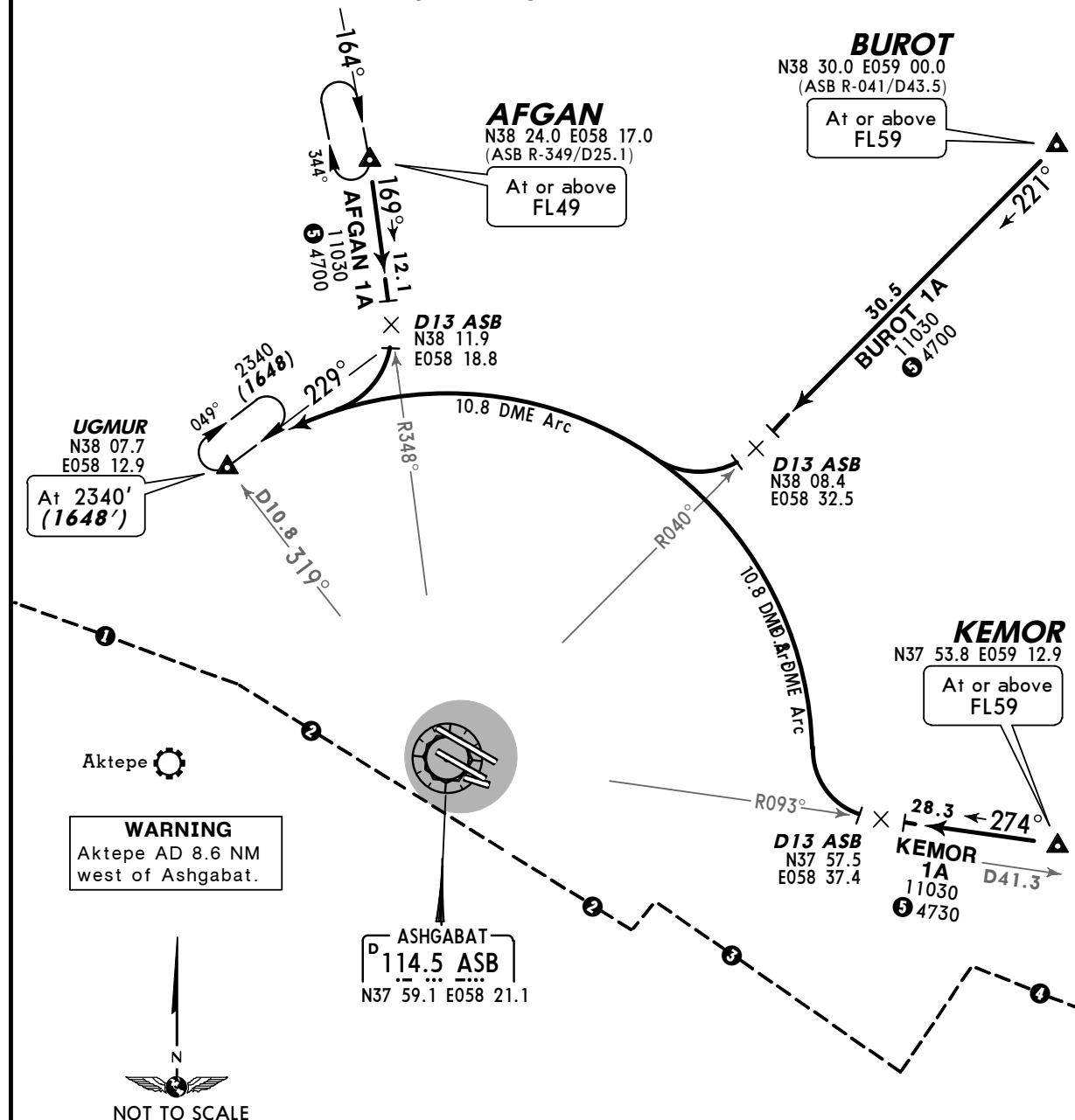
STAR

Apt Elev
692'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL49
FL59 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3650' (2958')



**AFGAN 1A [AFGA1A], BUROT 1A [BURO1A]
KEMOR 1A [KEMO1A]
RWYS 12L/R ARRIVALS
BASED ON VORDME
**SPEED: MAX 225 KT AT OT BELOW FL98
WITHIN 16 NM FROM ARP****



- 1 106° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- 2 Between 110°/7 NM and 310°/7 NM to N37 58.9 E058 21.6 do not fly south below FL69.
- 3 301° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- 4 ASB R-107/D18.9 - D108 do not fly south at all heights.
- 5 MEA, when under radar assistance.

FL CONVERSION	
FL128	FL3900m
FL98	FL3000m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
3650'	(2958' - 900m)
2340'	(1648' - 500m)

UTAA/ASB
ASHGABAT

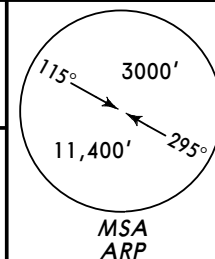
JEPPESEN ASHGABAT, TURKMENISTAN

7 MAY 04 **10-2A** Eff 13 May

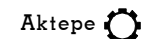
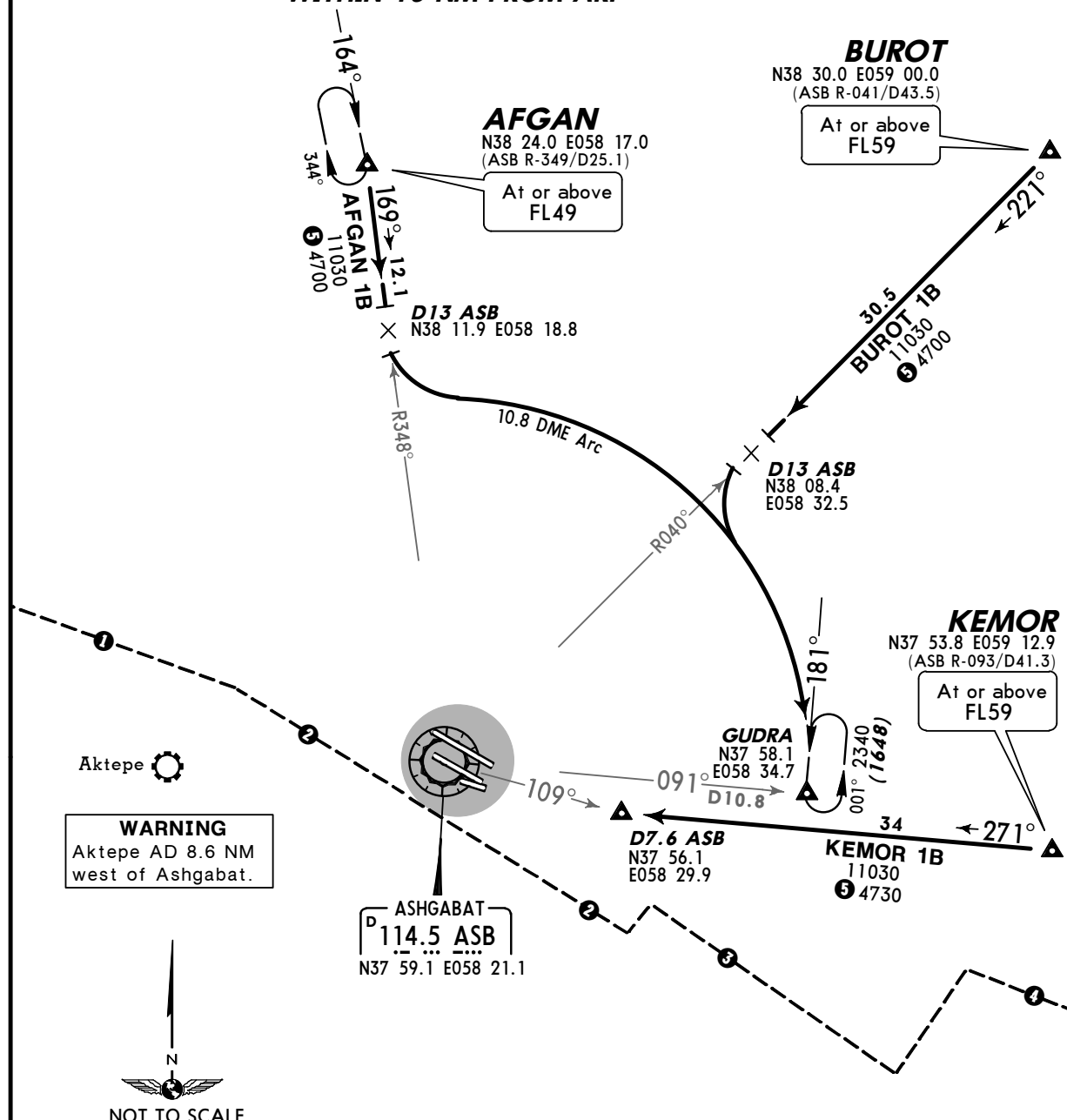
STAR

Apt Elev
692'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL49
FL59 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3650' (**2958'**)



**AFGAN 1B [AFGA1B], BUROT 1B [BURO1B]
KEMOR 1B [KEMO1B]
RWYS 30L/R ARRIVALS
BASED ON VORDME
**SPEED: MAX 225 KT AT OT BELOW FL98
WITHIN 16 NM FROM ARP****



WARNING
Aktepe AD 8.6 NM
west of Ashgabat.



- ① 106° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ② Between 110°/7 NM and 310°/7 NM to N37 58.9 E058 21.6 do not fly south below FL69.
- ③ 301° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ④ ASB R-107/D18.9 - D108 do not fly south at all heights.
- ⑤ MEA, when under radar assistance.

FL CONVERSION	
FL128	FL3900m
FL98	FL3000m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
3650'	(2958' - 900m)
2340'	(1648' - 500m)

UTAA/ASB
ASHGABAT

JEPPESEN ASHGABAT, TURKMENISTAN

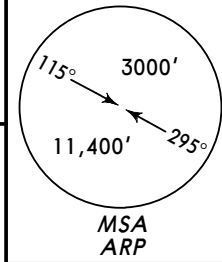
7 MAY 04

(10-2B)

Eff 13 May**STAR**

Apt Elev
692'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL49
FL59 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3650' **(2958')**



MAMED 1A [MAME1A], ORPAB 1A [ORPA1A]
 PODOK 1A [PODO1A], RIKOP 1A [RIKO1A]
 RWYS 12L/R ARRIVALS

BASED ON VORDME

***SPEED: MAX 225 KT AT OT BELOW FL98
WITHIN 16 NM FROM ARP***

PODOK

N38	45.2
E058	38.5

At or above
EI 59

MAMED

N38 34.8 E057 42.0

t or above
FL89

NOT TO SCALE

35.1
PODOK 1A
11072

D13 ASB

138	11.5
058	25.6

D8.6 ASB

N38 06.6
E058 26.4

— ASHGABAT —

D 114.5 ASB
N37 59.1 E058 21.1

FL CONVERSION

FL128	<i>FL3900m</i>
FL98	<i>FL3000m</i>
FL89	<i>FL2700m</i>
FL69	<i>FL2100m</i>
FL59	<i>FL1800m</i>
FL49	<i>FL1500m</i>

ALT/HEIGHT CONVERSION
QNH (QFE)

3650' (2958' - 900m)
2340' (1648' - 500m)

 **Aktepe**

WARNING

Aktepe AD 8.6 NM
west of Ashgabat.

- ➊ ASB R-297/D18.9 - D113.3 do not fly south at all heights.
- ➋ 106° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ➌ Between 110°/7 NM and 310°/7 NM to N37 58.9 E058 21.6 do not fly south below FL69.
- ➍ 301° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ➎ MEA, when under radar assistance.

UTAA/ASB
ASHGABAT

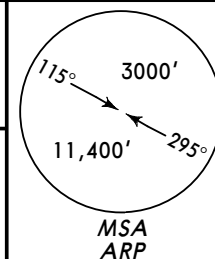
JEPPesen **ASHGABAT, TURKMENISTAN**

7 MAY 04 **10-2C** **Eff 13 May**

STAR

Apt Elev
692'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL49
FL59 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3650' (2958')

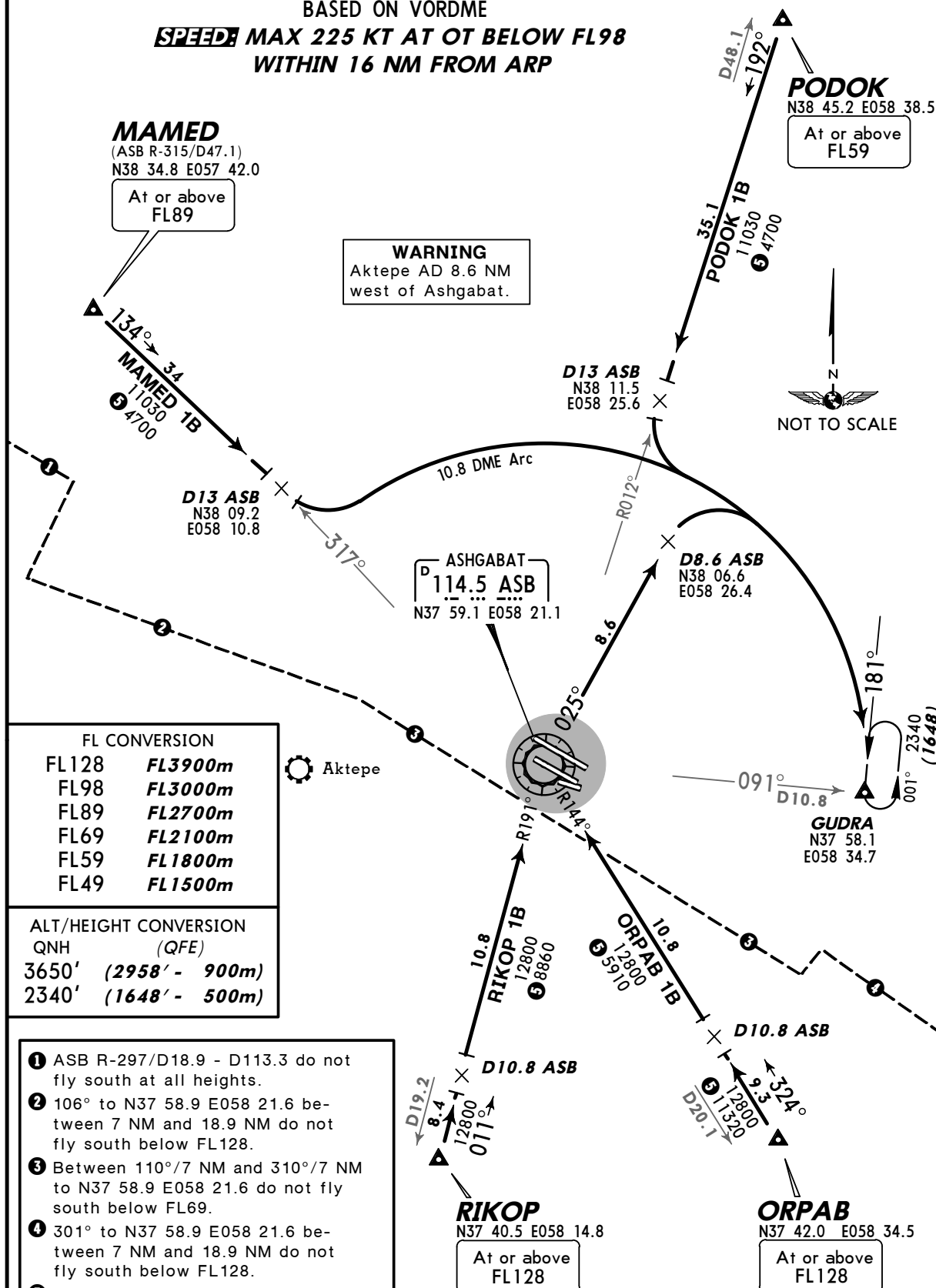


MAMED 1B [MAME1B], ORPAB 1B [ORPA1B]
PODOK 1B [PODO1B], RIKOP 1B [RIKO1B]
RWYS 30L/R ARRIVALS
BASED ON VORDME
SPEED MAX 225 KT AT OT BELOW FL98
WITHIN 16 NM FROM ARP

MAMED
(ASB R-315/D47.1)
N38 34.8 E057 42.0
At or above
FL89

WARNING
Aktepe AD 8.6 NM
west of Ashgabat.

PODOK
N38 45.2 E058 38.5
At or above
FL59



FL CONVERSION	
FL128	FL3900m
FL98	FL3000m
FL89	FL2700m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
3650'	(2958' - 900m)
2340'	(1648' - 500m)

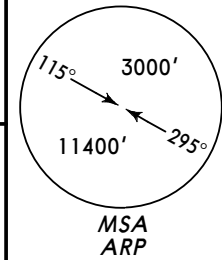
- ASB R-297/D18.9 - D113.3 do not fly south at all heights.
- 106° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- Between 110°/7 NM and 310°/7 NM to N37 58.9 E058 21.6 do not fly south below FL69.
- 301° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- MEA, when under radar assistance.

UTAA/ASB
ASHGABAT

JEPPESEN **ASHGABAT, TURKMENISTAN**
20 JAN 06 **(10-2D)** **STAR**

Apt Elev
692'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL49
FL59 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3650' (2958')



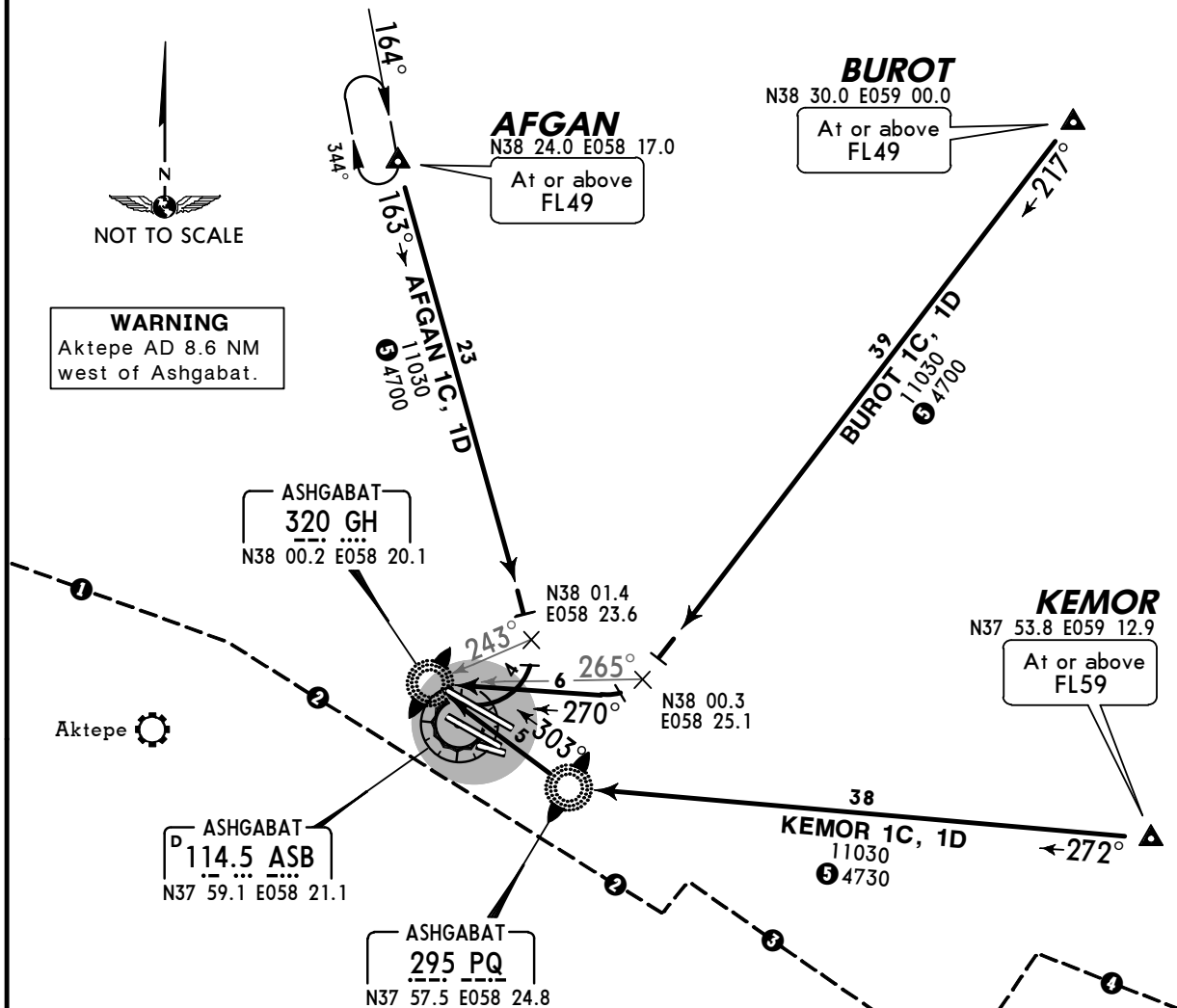
AFGAN 1C [AFGA1C] **AFGAN 1D [AFGA1D]**
BUROT 1C [BURO1C] **BUROT 1D [BURO1D]**
KEMOR 1C [KEMO1C] **KEMOR 1D [KEMO1D]**
RWYS 30L/R ARRIVALS **RWYS 12L/R ARRIVALS**

BASED ON NDB

~~SPEED~~ MAX 225 KT AT OT BELOW FL98
WITHIN 16 NM FROM ARP



WARNING
Aktepe AD 8.6 NM
west of Ashgabat.

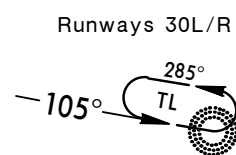
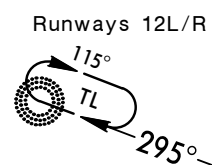


FL CONVERSION
FL128 **FL3900m**
FL69 **FL2100m**
FL59 **FL1800m**
FL49 **FL1500m**

ALT/HEIGHT CONVERSION
QNH (QFE)
3650' (2958' - 900m)

- ① 106° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ② Between 110°/7 NM and 310°/7 NM to N37 58.9 E058 21.6 do not fly south below FL69.
- ③ 301° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ④ ASB R-107/D18.9 - D108 do not fly south at all heights.
- ⑤ MEA, when under radar assistance.

HOLDINGS OVER GH



UTAA/ASB
ASHGABAT

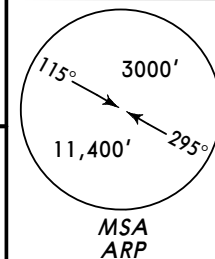
JEPPESEN
20 JAN 06 **(10-2E)**

ASHGABAT, TURKMENISTAN

STAR

Apt Elev
692'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL49
FL59 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3650' (2958')



MAMED 1C [MAME1C]

MAMED 1D [MAME1D]

ORPAB 1C [ORPA1C]

ORPAB 1D [ORPA1D]

PODOK 1C [PODO1C]

PODOK 1D [PODO1D]

RIKOP 1C [RIKO1C]

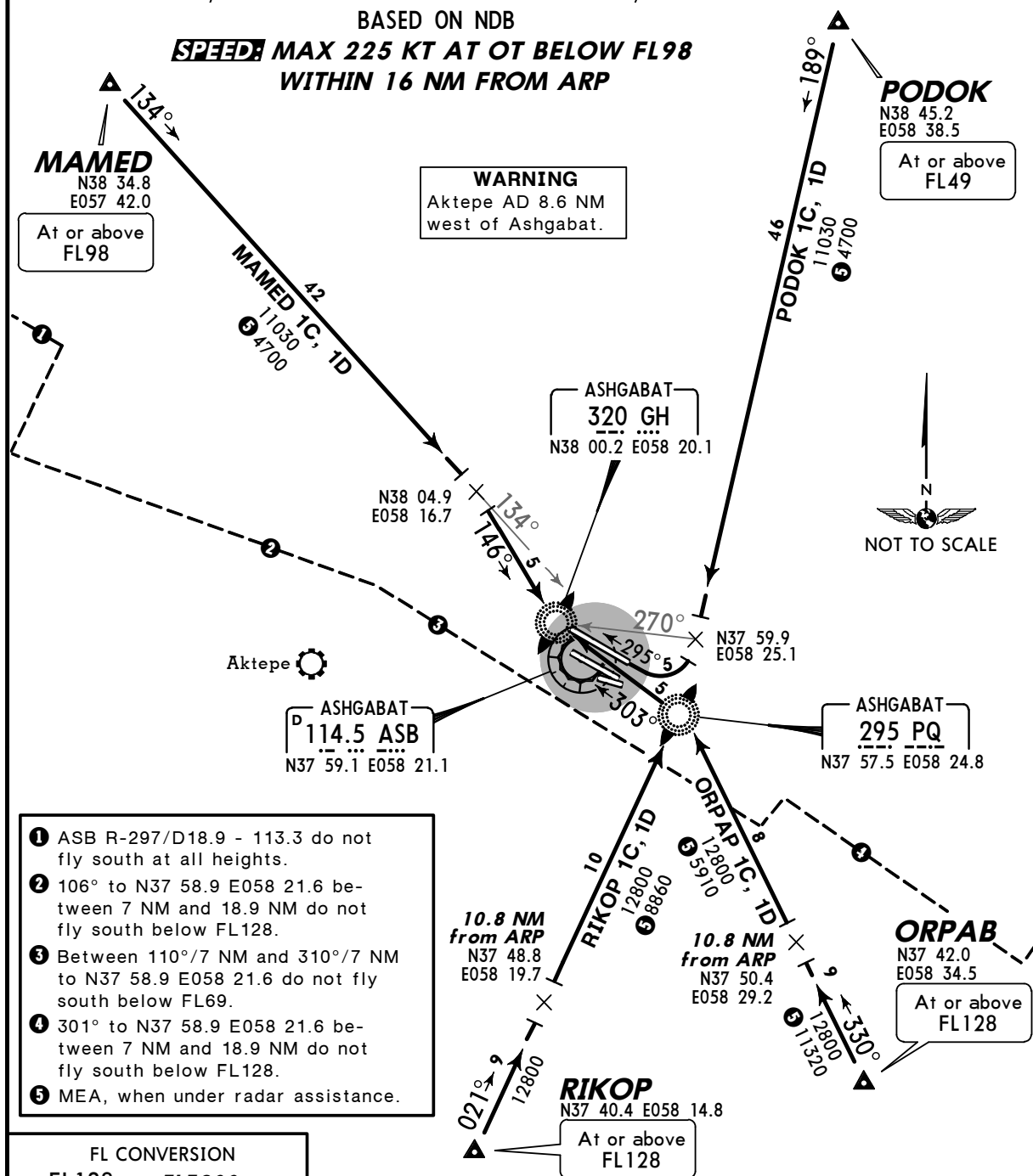
RIKOP 1D [RIKO1D]

RWYS 30L/R ARRIVALS

RWYS 12L/R ARRIVALS

BASED ON NDB

SPEED MAX 225 KT AT OT BELOW FL98
WITHIN 16 NM FROM ARP

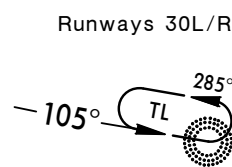
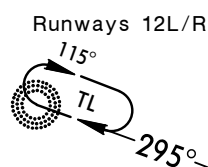


- ① ASB R-297/D18.9 - 113.3 do not fly south at all heights.
- ② 106° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ③ Between 110°/7 NM and 310°/7 NM to N37 58.9 E058 21.6 do not fly south below FL69.
- ④ 301° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ⑤ MEA, when under radar assistance.

FL CONVERSION	
FL128	FL3900m
FL98	FL3000m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m

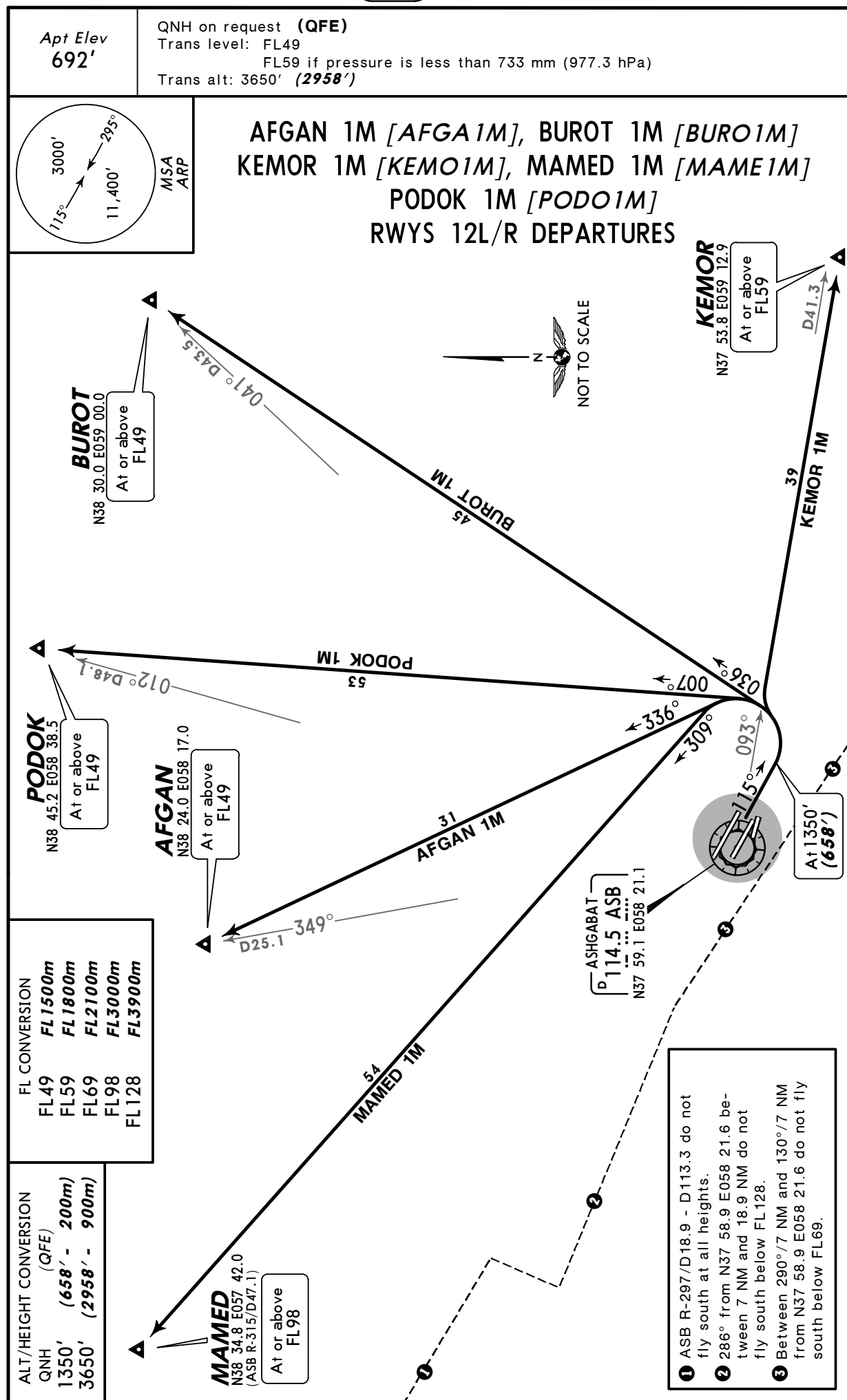
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3650'	(2958' - 900m)

HOLDINGS OVER GH



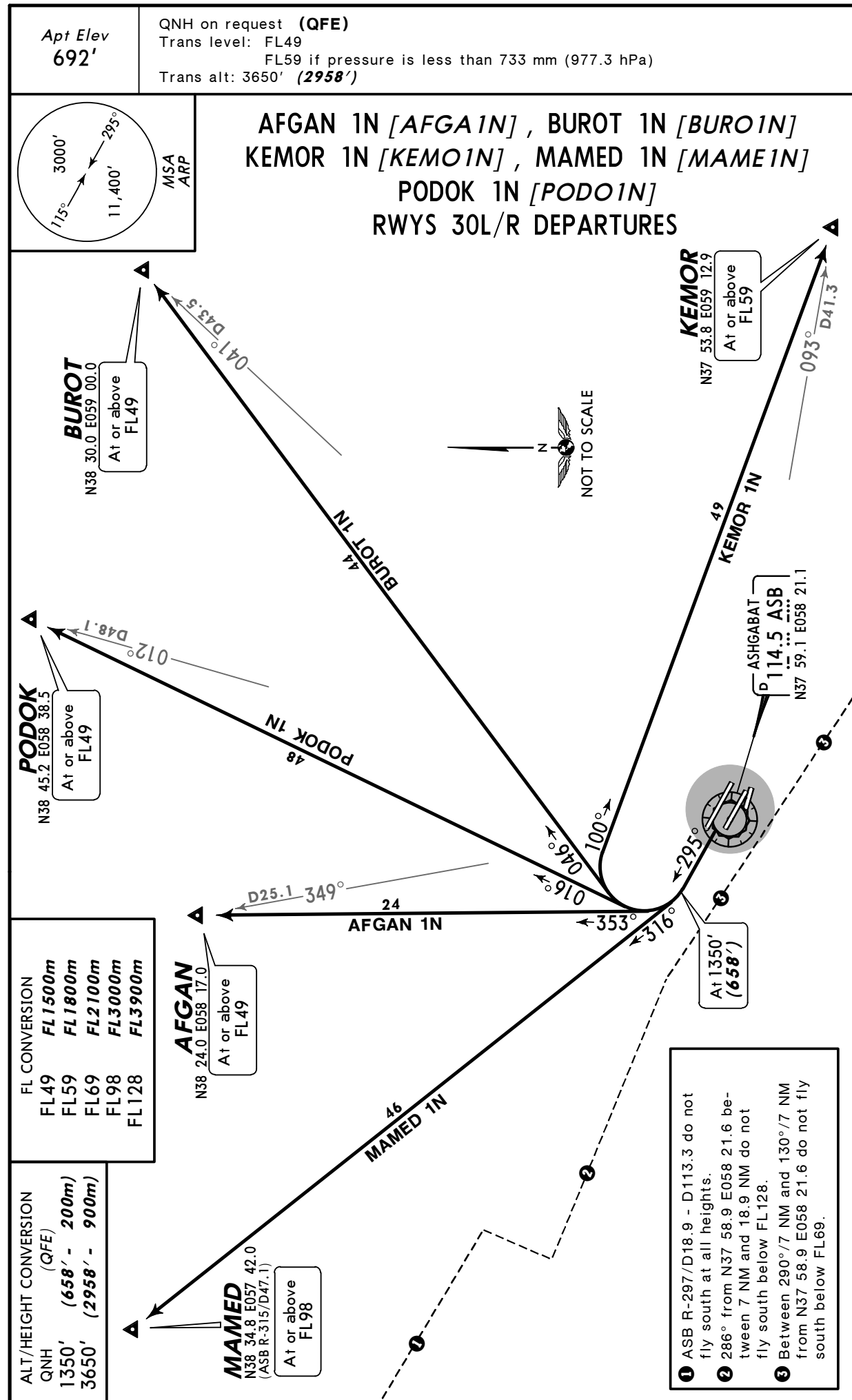
UTAA/ASB ASHGABAT

JEPPesen **ASHGABAT, TURKMENISTAN**
7 MAY 04 **10-3** **Eff 13 May** **SID**



UTAA/ASB
ASHGABAT

JEPPesen **ASHGABAT, TURKMENISTAN**
7 MAY 04 **(10-3A)** **Eff 13 May** **SID**



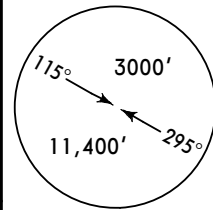
UTAA/ASB
ASHGABAT**JEPPESSEN**
3 MAR 06 **(10-3B)****ASHGABAT, TURKMENISTAN****SID****Apt Elev**
692'QNH on request **(QFE)**

Trans level: FL49

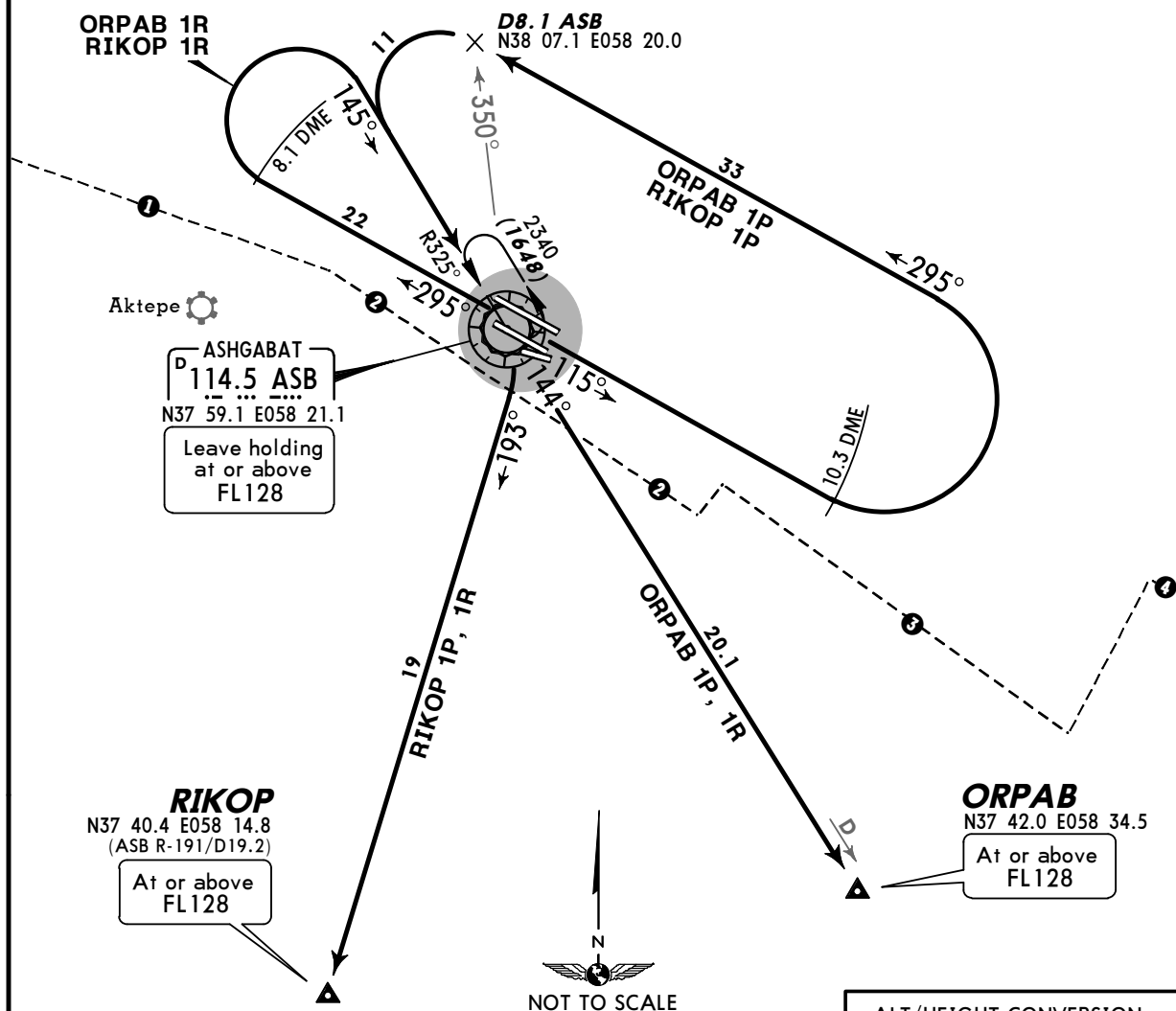
FL59 if pressure is less than 733 mm (977.3 hPa)

Trans alt: 3650' **(2958')**

1. Proceed to ORPAB or RIKOP when in contact with Teheran ACC.
2. For flights to Aktepe AD after initial climb runway 30L/R initial turn is executed as directed by ATC.

MSA
ARP

ORPAB 1P [ORPA1P], ORPAB 1R [ORPA1R]
RIKOP 1P [RIKO1P], RIKOP 1R [RIKO1R]
RWYS 12L/R, 30L/R DEPARTURES
BASED ON VORDME



RIKOP
 N37 40.4 E058 14.8
 (ASB R-191/D19.2)

At or above
 FL128

ORPAB
 N37 42.0 E058 34.5

At or above
 FL128

- 1 286° from N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- 2 Between 290°/7 NM and 130°/7 NM from N37 58.9 E058 21.6 do not fly south below FL69.
- 3 121° from N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- 4 ASB R-107/D18.9 - D108 do not fly south at all heights.

ALT/HEIGHT CONVERSION

QNH (QFE)
 2340' (1648' - 500m)
 3650' (2958' - 900m)

FL CONVERSION

FL49 **FL1500m**
 FL59 **FL1800m**
 FL69 **FL2100m**
 FL128 **FL3900m**

SID	RWY	INITIAL CLIMB
ORPAB 1P RIKOP 1P	12L/R	To ASB 10.3 DME, turn LEFT, 295° track to ASB R-350/D8.1, turn LEFT, intercept ASB R-325 inbound and enter holding pattern at ASB.
ORPAB 1R RIKOP 1R	30L/R	To ASB 8.1 DME, turn RIGHT, intercept ASB R-325 inbound and enter holding pattern at ASB.
SID	ROUTING	
ORPAB 1P, 1R	Leave holding at or above FL128 , intercept ASB R-144 to ORPAB.	
RIKOP 1P, 1R	Leave holding at or above FL128 , 193° track to RIKOP.	

CHANGES: None.

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UTAA/ASB
ASHGABAT**JEPPESSEN**
3 MAR 06 **(10-3C)****ASHGABAT, TURKMENISTAN****SID****Apt Elev**
692'QNH on request **(QFE)**

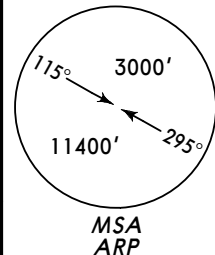
Trans level: FL49

FL59 if pressure is less than 733 mm (977.3 hPa)

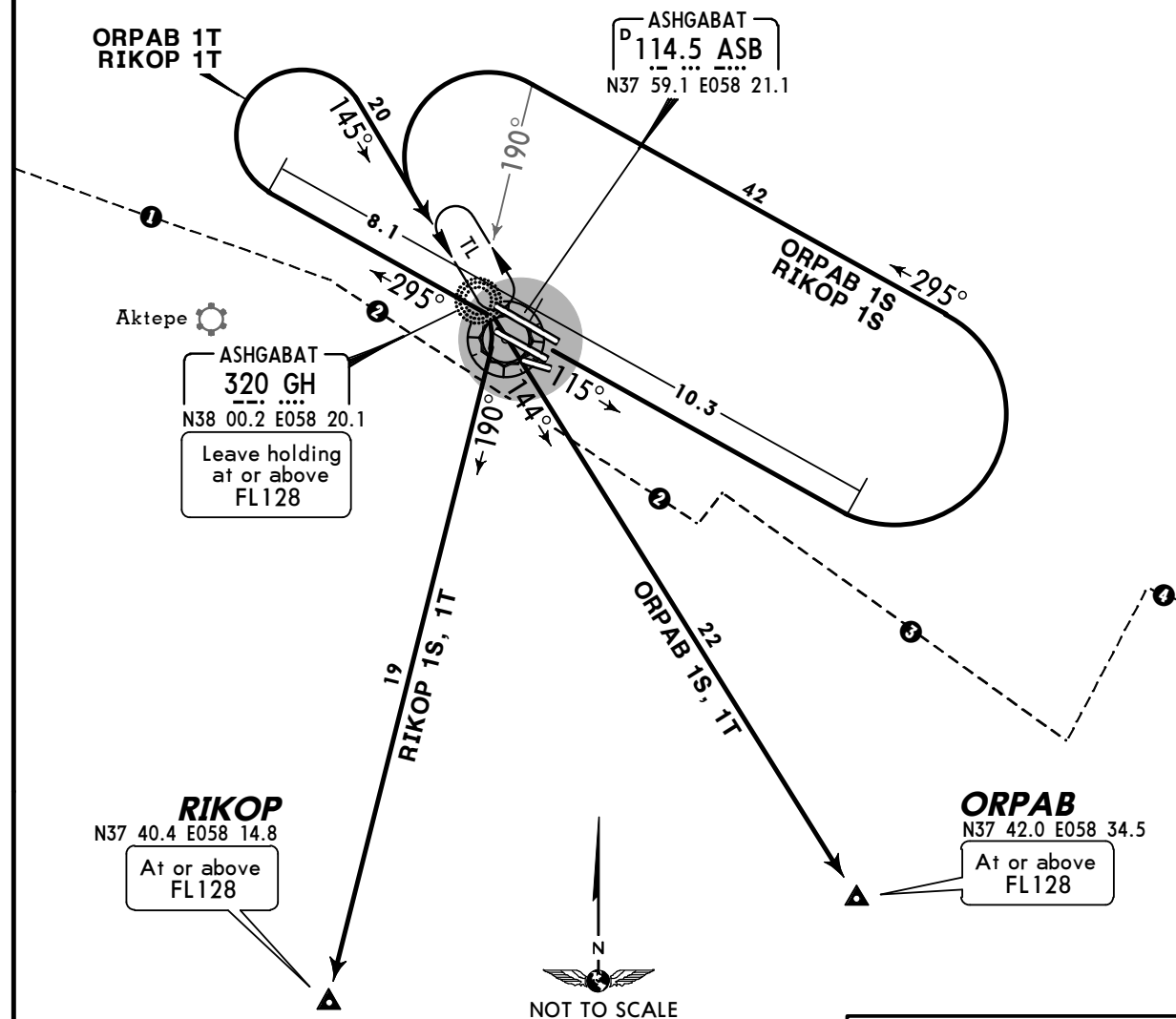
Trans alt: 3650' **(2958')**

1. Proceed to ORPAB or RIKOP when in contact with Teheran ACC.

2. For flights to Aktepe AD after initial climb runway 30L/R initial turn is executed as directed by ATC.



ORPAB 1S [ORPA1S], ORPAB 1T [ORPA1T]
RIKOP 1S [RIKO1S], RIKOP 1T [RIKO1T]
RWYS 12L/R, 30L/R DEPARTURES
BASED ON NDB



- ① 286° from N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ② Between 290°/7 NM and 130°/7 NM from N37 58.9 E058 21.6 do not fly south below FL69.
- ③ 121° from N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ④ ASB R-107/D18.9 - D108 do not fly south at all heights.

ALT/HEIGHT CONVERSION

QNH **(QFE)**
3650' (2958' - 900m)

FL CONVERSION

FL49 **FL1500m**
 FL59 **FL1800m**
 FL69 **FL2100m**
 FL128 **FL3900m**

SID	RWY	INITIAL CLIMB
ORPAB 1S RIKOP 1S	12L/R	To 10.3 NM from ARP, turn LEFT, 295° track, when passing 190° bearing to GH turn LEFT, intercept 145° bearing and enter holding pattern at GH.
ORPAB 1T RIKOP 1T	30L/R	To 8.1 NM from ARP, turn RIGHT, intercept 145° bearing and enter holding pattern at GH.
SID	ROUTING	
ORPAB 1S, 1T	Leave holding at or above	FL128 , 144° bearing to ORPAB.
RIKOP 1S, 1T	Leave holding at or above	FL128 , 190° track to RIKOP.

UTAA/ASB

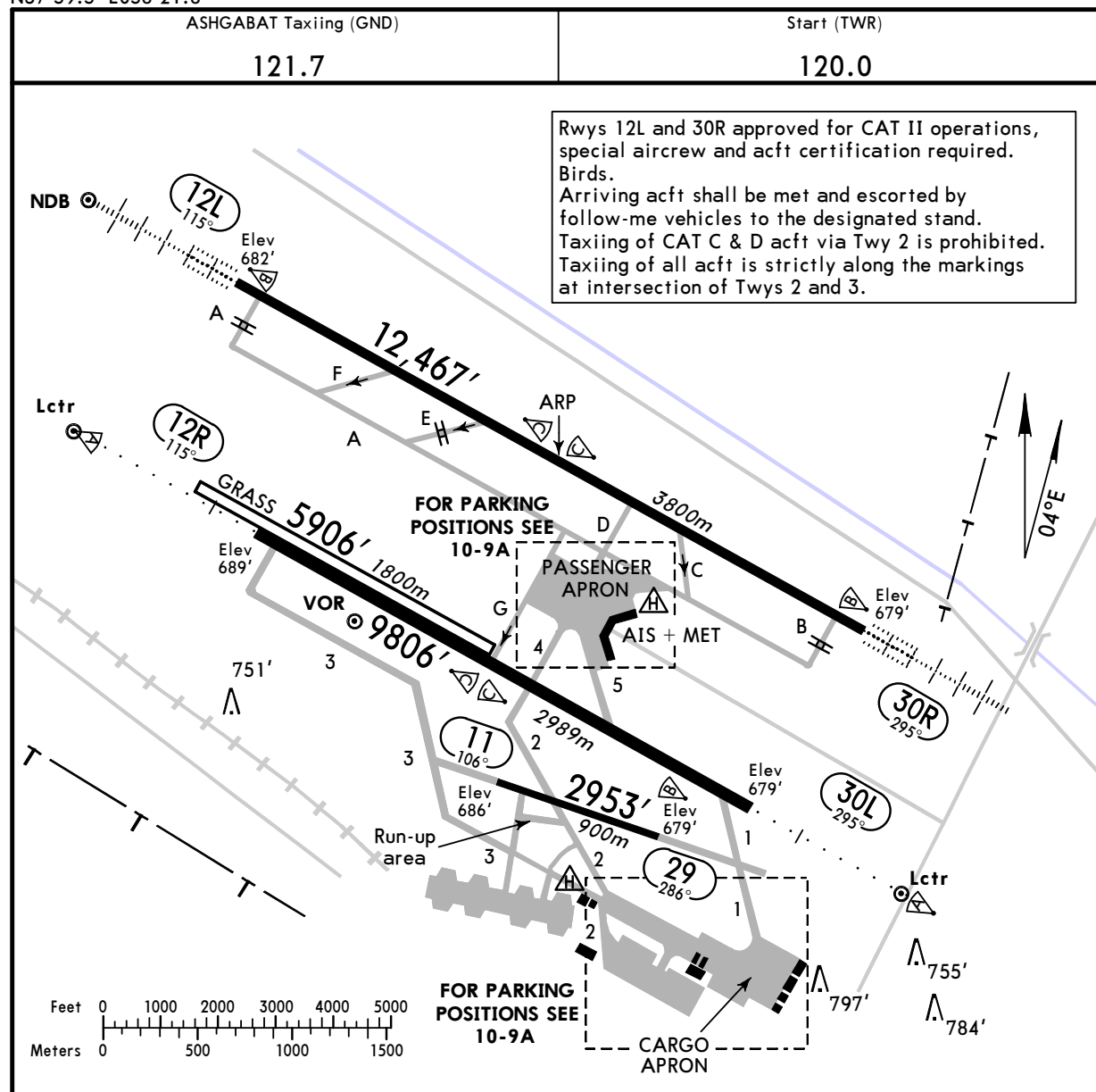
Apt Elev **692'**
N37 59.5 E058 21.8

8 JUN 07

(10-9)

JEPPesen ASHGABAT, TURKMENISTAN

ASHGABAT



ADDITIONAL RUNWAY INFORMATION					
RWY			USABLE LENGTHS		WIDTH
			LANDING BEYOND	TAKE-OFF	
			Threshold	Glide Slope	
11					115'
29					35m
12L	HIRL (60m) CL (30m) HIALS-II TDZ PAPI-L RVR			11,616' 3541m 11,738' 3578m	151'
30R					46m
12R	RL (60m) ALS	RVR		8773' 2674m 9478' 2889m❶	197'
30L					60m
12R	Grass runway				197'
30L					60m

❶ First 328'/100m unusable for take-off.

TAKE-OFF			
Rwy 12L/30R		AIR CARRIER (JAA)	
LVP must be in force		Rwys 12L/R, 30L/R	
RL & CL		LVP must be in force	RCLM (DAY only) or RL
		RCLM (DAY only) or RL	
A			
B	200m	300m❶	400m
C			
D	250m (200m)		

❶ CAT C & D: NIGHT 400m.

UTAA/ASB

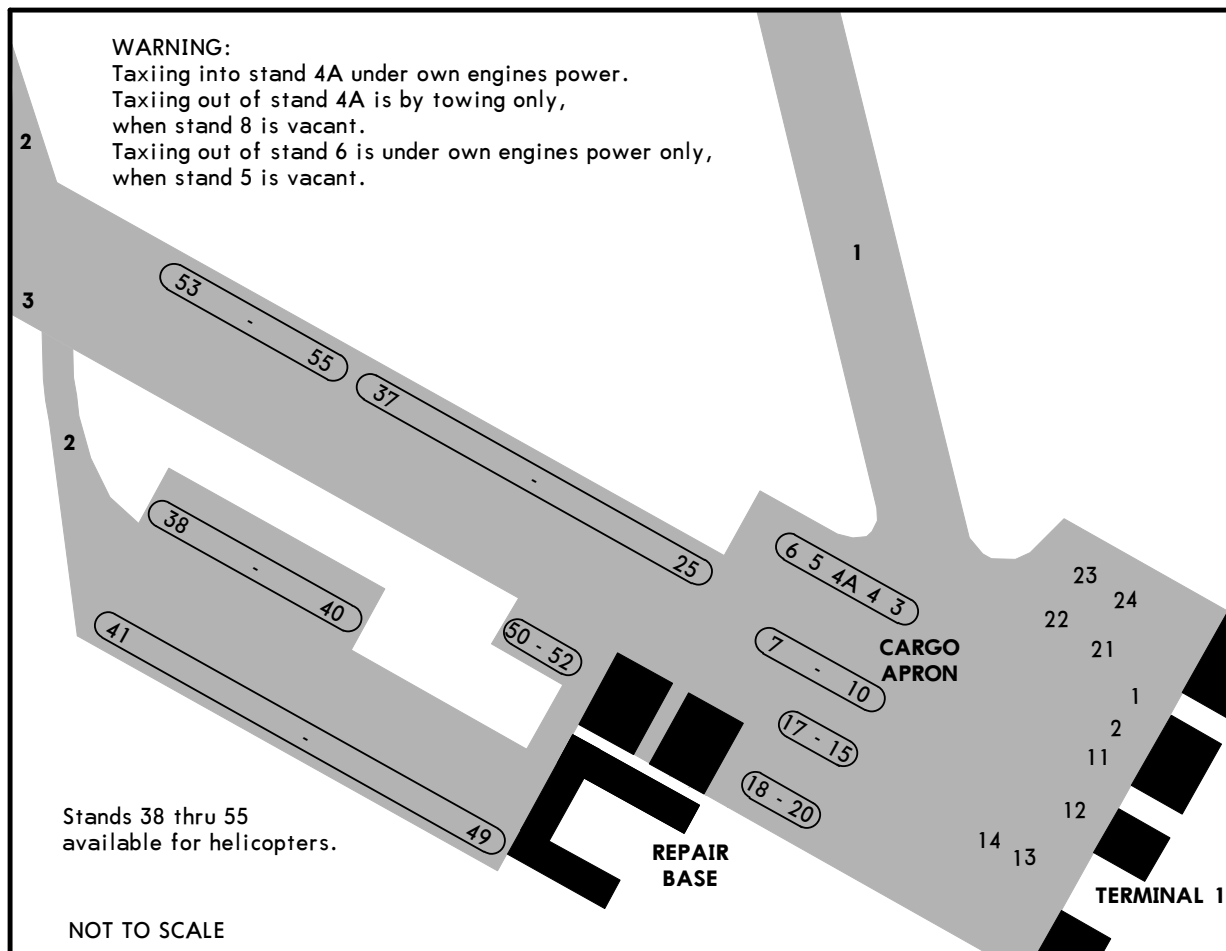
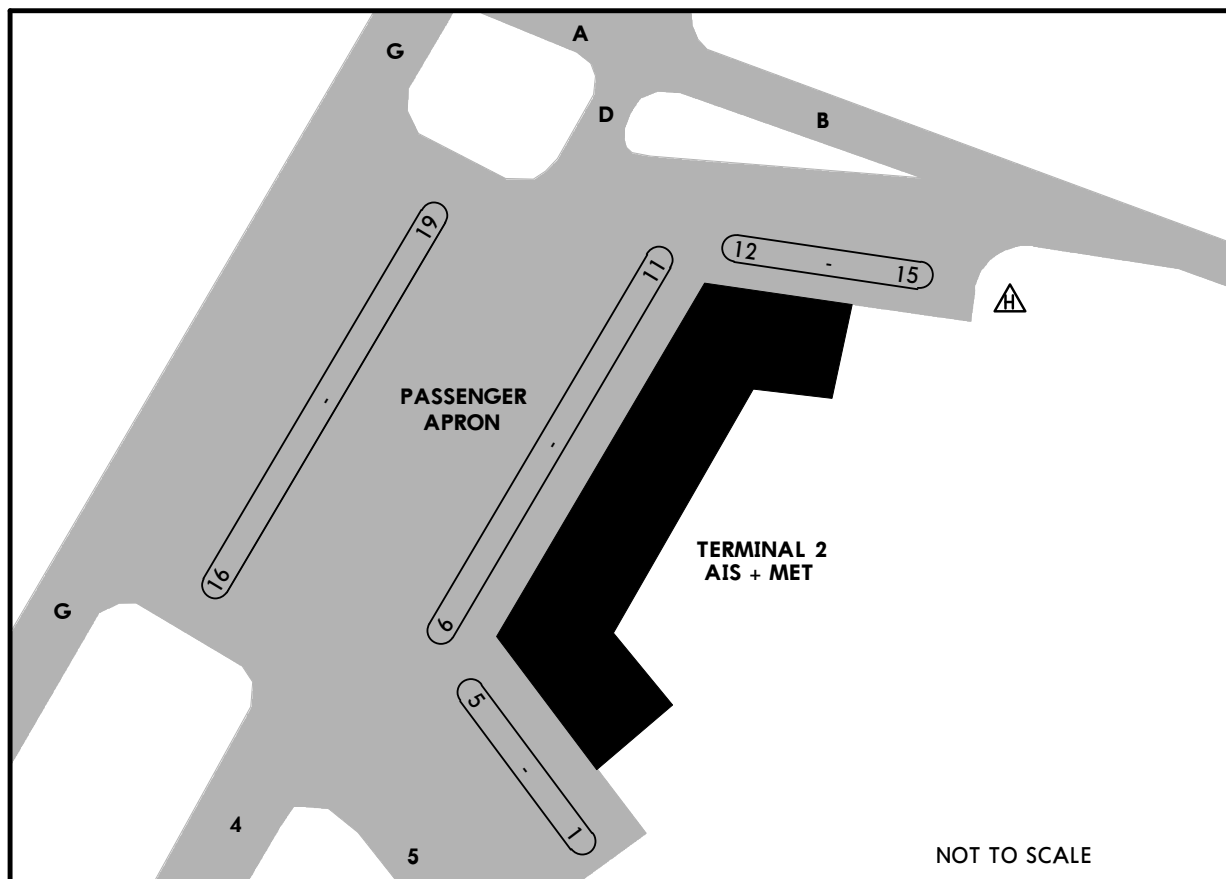


JEPPESEN ASHGABAT, TURKMENISTAN

8 JUN 07

(10-9A)

ASHGABAT



UTAA/ASB


JEPPesen
10 JUL 09 **10-9S**
Standard
ASHGABAT, TURKMENISTAN
ASHGABAT

STRAIGHT-IN RWY		A	B	C	D
12L	CAT 2 ILS	782' (100') RA93' 350m	782' (100') RA93' 350m	782' (100') RA93' 350m	782' (100') RA93' 350m
	ILS	882' (200') R550m	882' (200') R550m	882' (200') R550m	882' (200') R550m
	<i>FULL</i>	R750m	R750m	R750m	R750m
	<i>Limited</i>	R1200m	R1200m	R1200m	R1200m
	<i>ALS out</i>				
LOC		NOT AUTHORIZED			
12R	NDB ①	1670' (988') 5000m	1670' (988') 5000m	1670' (988') 5000m	1670' (988') 5000m
	ILS	889' (200') R1000m	889' (200') R1000m	951' (262') R1100m	951' (262') R1100m
	<i>ALS out</i>	R1200m	R1200m	R1300m	R1300m
	LOC	NOT AUTHORIZED			
	VOR ②	1100' (411') R1800m R1900m	1100' (411') R1800m R1900m	1100' (411') R1800m R1900m	1100' (411') R1800m R1900m
NDB (with FAF) ③	VOR	1680' (991') 5000m	1680' (991') 5000m	1680' (991') 5000m	1680' (991') 5000m
	NDB (w/o FAF)	1100' (411') R1800m R1900m	1100' (411') R1800m R1900m	1100' (411') R1800m R1900m	1100' (411') R1800m R1900m
	NDB (B737)	1510' (821') 4000m	1510' (821') 4000m	1510' (821') 4000m	1510' (821') 4000m
	<i>ALS out</i>	4000m	4000m	4200m	4200m
	LOC	NOT AUTHORIZED			
30L	VOR	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m
	<i>ALS out</i>	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m
	NDB ③	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m
	<i>ALS out</i>	1500' (821') 4000m	1500' (821') 4000m	1500' (821') 4000m	1500' (821') 4000m
	NDB (B737)	4000m	4000m	4200m	4200m
30R	CAT 2 ILS	779' (100') RA113' 350m	779' (100') RA113' 350m	779' (100') RA113' 350m	779' (100') RA113' 350m
	ILS	879' (200') R550m	879' (200') R550m	879' (200') R550m	879' (200') R550m
	<i>FULL</i>	R750m	R750m	R750m	R750m
	<i>Limited</i>	R1200m	R1200m	R1200m	R1200m
	<i>ALS out</i>				
LOC		NOT AUTHORIZED			
30R	NDB ③	1710' (1031') 5000m	1710' (1031') 5000m	1710' (1031') 5000m	1710' (1031') 5000m

① W/o FAF: MDA(H) 1840'(1158').

② Continuous Descent Final Approach

③ W/o FAF: MDA(H) 1830'(1151').

UTAA/ASB

10 JUL 09 **JEPPESEN**
 10-9S1

Standard
 ASHGABAT, TURKMENISTAN
 ASHGABAT

TAKE-OFF RWY 12L/R, 30L/R

LVP must be in Force					
	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	200m	200m	300m I	400m	500m
B					
C					
D		250m			

I CAT C & D: NIGHT 400m.

UTAA/ASB**JEPPesen**

2 MAR 07

10-9X**ASHGABAT, TURKMENISTAN****JAA MINIMUMS****ASHGABAT**

STRAIGHT-IN RWY		A	B	C	D
12L	CAT 2 ILS	782' (100')	782' (100')	782' (100')	782' (100')
		RA93'	RA93'	RA93'	RA93'
		R350m	R350m	R350m	R350m
	ILS	882' (200')	882' (200')	882' (200')	882' (200')
		R550m	R550m	R550m	R550m
	ALS out	R1000m	R1000m	R1000m	R1000m
LOC		NOT AUTHORIZED			
	NDB ❶	1670' (988')	1670' (988')	1670' (988')	1670' (988')
		5000m	5000m	5000m	5000m
12R	ILS	889' (200')	889' (200')	951' (262')	951' (262')
		R800m	R800m	R1000m	R1000m
	ALS out	R1000m	R1000m	R1200m	R1200m
	LOC		NOT AUTHORIZED		
	VOR DME ❷	1100' (411')	1100' (411')	1100' (411')	1100' (411')
		R1800m	R1800m	R1800m	R1800m
		R1800m	R1800m	R1800m	R2000m
	NDB (with FAF)	1100' (411')	1100' (411')	1100' (411')	1100' (411')
		R1800m	R1800m	R1800m	R1800m
		R1800m	R1800m	R1800m	R2000m
	NDB (w/o FAF)	1680' (991')	1680' (991')	1680' (991')	1680' (991')
		5000m	5000m	5000m	5000m
	NDB (B737)	1510' (821')	1510' (821')	1510' (821')	1510' (821')
		4000m	4000m	4000m	4000m
30L	ILS	879' (200')	879' (200')	1007' (328')	1007' (328')
		R800m	R800m	R1200m	R1200m
	ALS out	R1000m	R1000m	R1200m	R1200m
	LOC		NOT AUTHORIZED		
	VOR DME	1090' (411')	1090' (411')	1090' (411')	1090' (411')
		R1800m	R1800m	R1800m	R1800m
	ALS out	R1800m	R1800m	R1800m	R2000m
	NDB ❸	1090' (411')	1090' (411')	1090' (411')	1090' (411')
		R1800m	R1800m	R1800m	R1800m
	ALS out	R1800m	R1800m	R1800m	R2000m
30R	CAT 2 ILS	779' (100')	779' (100')	779' (100')	779' (100')
		RA113'	RA113'	RA113'	RA113'
		R350m	R350m	R350m	R350m
	ILS	879' (200')	879' (200')	879' (200')	879' (200')
		R550m	R550m	R550m	R550m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC		NOT AUTHORIZED		
	NDB ❹	1710' (1031')	1710' (1031')	1710' (1031')	1710' (1031')
		5000m	5000m	5000m	5000m

❶ W/o FAF: MDA(H) 1840' (1158').

❷ W/o FAF: MDA(H) 1680' (991'), 5000m.

❸ B737: MDA(H) 1500' (821'), 4000m.

❹ W/o FAF: MDA(H) 1830' (1151').

UTAA/ASB

JEPPESEN

2 MAR 07

10-9X1

ASHGABAT, TURKMENISTAN

ASHGABAT

JAA MINIMUMS

TAKE-OFF RWY 12L, 30R

LVP must be in Force					
	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	200m	200m	300m 1	400m	500m
B					
C					
D		250m			

1 CAT C & D: NIGHT 400m.

TAKE-OFF RWY 12R, 30L

LVP must be in Force			
	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	300m 2	400m	500m
B			
C			
D			

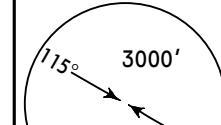
2 CAT C & D: NIGHT 400m.

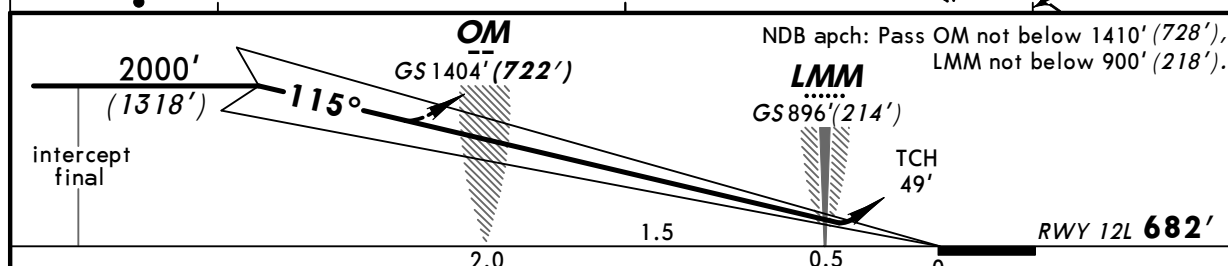
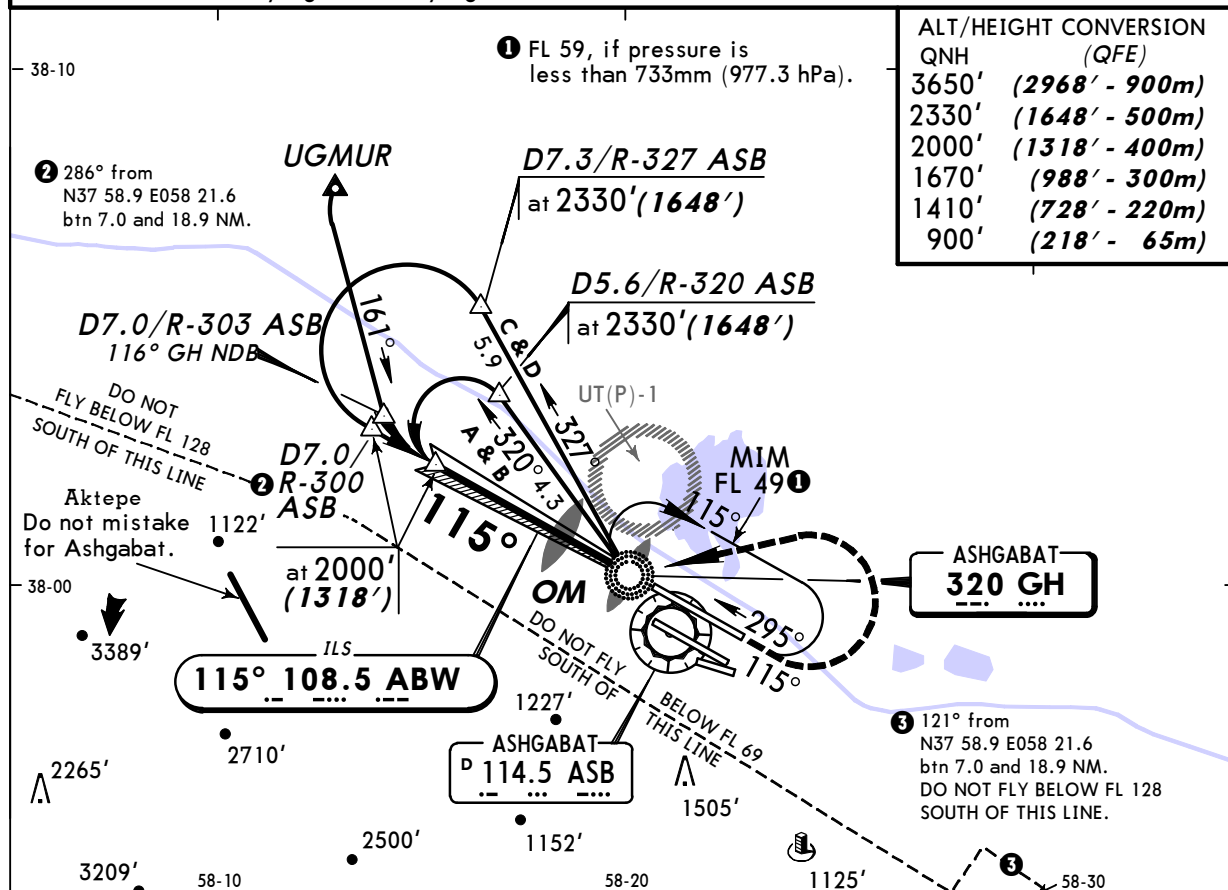
UTAA/ASB ASHGABAT

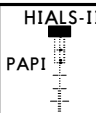
JEPPesen
2 MAR 07 **(11-1)**

ASHGABAT, TURKMENISTAN ILS or NDB Rwy 12L

BRIEFING STRIP

ASHGABAT Approach 123.5		ASHGABAT Krug (SRE) 118.7		ASHGABAT Start (TWR) 120.0		Ground 121.7			
LOC ABW 108.5	Final Aptch Crs 115°		GS OM 1404' (722')	ILS DA(H) 882' (200')	Apt Elev 692' RWY 682'		 MSA ARP		
NDB GH 320			Minimum Alt No FAF						NDB MDA(H) Refer to Minimums
MISSED APCH: Climb on 115° to 1670' (988'), then turn LEFT to NDB and as directed.									
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 49 1		Trans alt: 3650' (2968')			
Do not mistake railway lights for rwy lights.									



Gnd speed-Kts	70	90	100	120	140	160		1670' (988') on 115°	GH 320
ILS GS 3.00° or NDB Descent Gradient 5.2%	377	484	538	646	753	861			LT

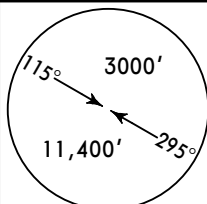
STRAIGHT-IN LANDING RWY 12L												
ILS DA(H) 882'(200')				LOC (GS out)		NDB 1 MDA(H) 1670'(988')						
FULL		TDZ or CL out	ALS out				ALS out					
A	RVR 550m VIS 800m		RVR 720m VIS 800m		1200m		NOT AUTHORIZED		5000m			
B												
C												
D												
1 W/o FAF: MDA(H) 1840'(1158').												

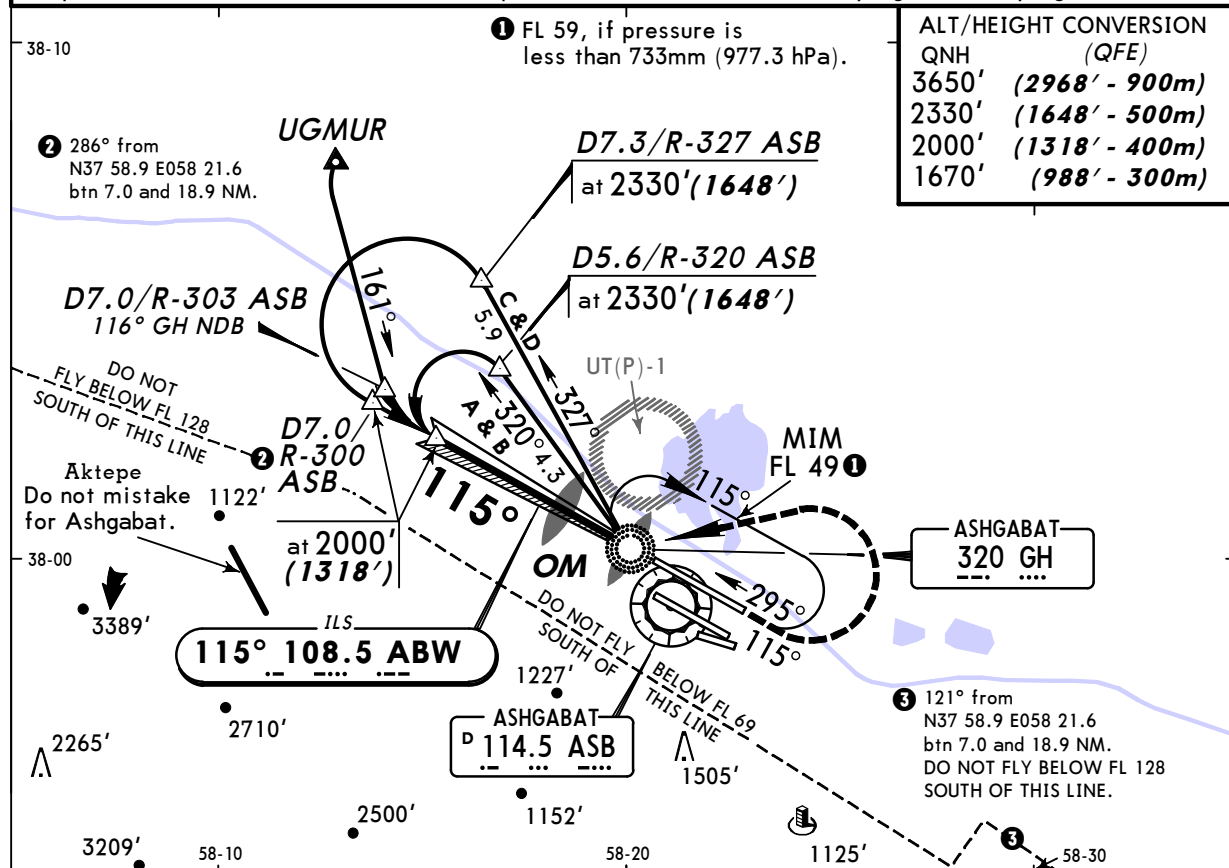
PANS OPS

UTAA/ASB ASHGABAT

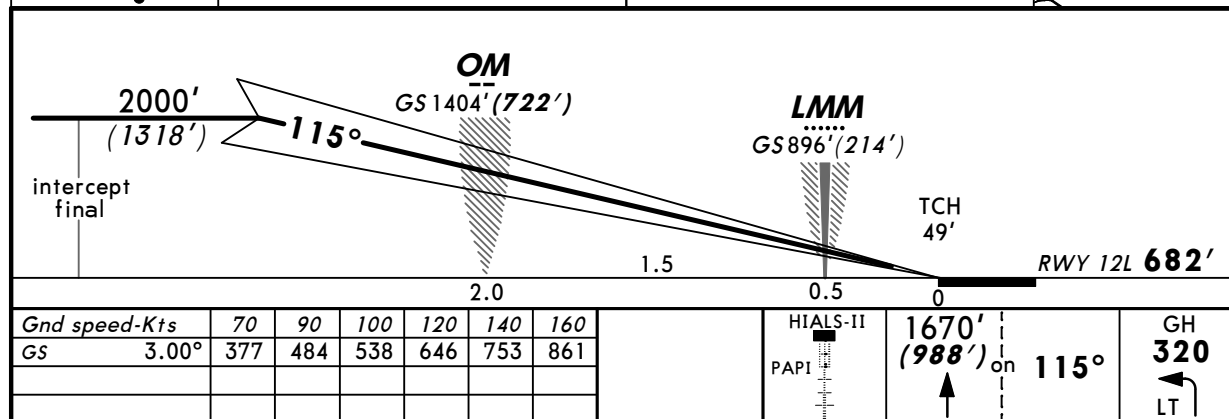
JEPPesen ASHGABAT, TURKMENISTAN 2 MAR 07 **(11-1A)** CAT II ILS Rwy 12L

BRIEFING STRIP

ASHGABAT Approach		ASHGABAT Krug (SRE)		ASHGABAT Start (TWR)		Ground
123.5		118.7		120.0		121.7
LOC ABW 108.5	Final Apch Crs 115°	GS OM 1404' (722')	CAT II ILS RA 93' DA(H) 782' (100')	Apt Elev 692'	RWY 682'	
MISSED APCH: Climb on 115° to 1670' (988'), then turn LEFT to NDB and as directed.						MSA ARP
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 49 ① Trans alt: 3650' (2968') 1. Special Aircrew & Acft Certification Required. 2. Do not mistake railway lights for rwy lights.						



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3650'	(2968' - 900m)
2330'	(1648' - 500m)
2000'	(1318' - 400m)
1670'	(988' - 300m)



STRAIGHT-IN LANDING RWY 12L						
CAT II ILS						
ABCD						
RA 93'						
DA(H) 782' (100')						
RVR 350m						

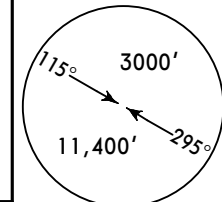
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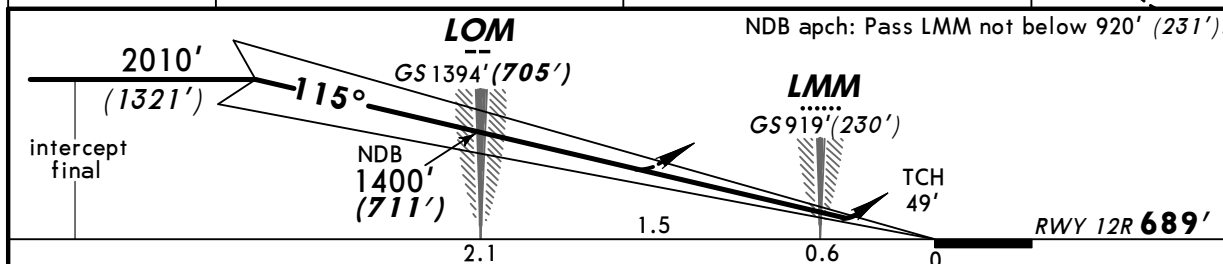
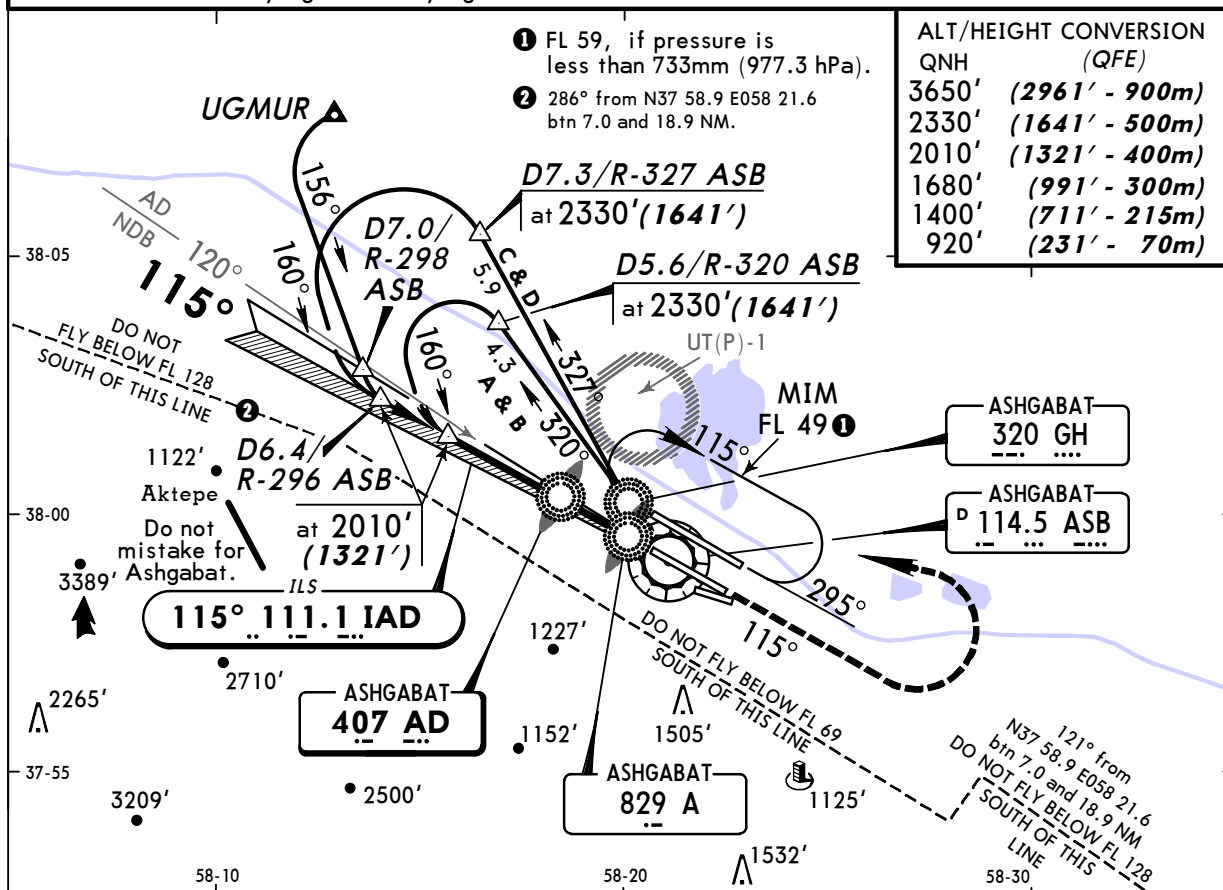
UTAA/ASB ASHGABAT

JEPPesen
2 MAR 07 (11-2)

ASHGABAT, TURKMENISTAN ILS or 2 NDB Rwy 12R

BRIEFING STRIP

ASHGABAT Approach 123.5		ASHGABAT Krug (SRE) 118.7		ASHGABAT Start (TWR) 120.0		Ground 121.7			
LOC IAD 111.1		Final Apch Crs 115°	GS LOM 1394' (705')		ILS DA(H) Refer to Minimums		Apt Elev 692' RWY 689'		
NDB AD 407			Minimum Alt LOM 1400' (711')		NDB MDA(H) Refer to Minimums				
MISSED APCH: Climb on 115° to 1680' (991'), then turn LEFT to GH NDB and as directed.									MSA ARP
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 49 ①		Trans alt: 3650' (2961')			
Do not mistake railway lights for rwy lights.									



Gnd speed-Kts	70	90	100	120	140	160	ALS	1680' (991')	on 115°	GH 320
ILS GS 3.00° or	377	484	538	646	753	861	...	↑		LT
NDB Descent Gradient 5.2%										

STRAIGHT-IN LANDING RWY 12R												
ILS			LOC (GS out)		with FAF		NDB w/o FAF		B737			
DA(H) AB:889'(200')					MDA(H)1100'(411')		MDA(H)1680'(991')		MDA(H)1510'(821')			
CD:951'(262')												
FULL		ALS out			ALS out		ALS out		ALS out			
A	1200m		NOT AUTH		1800m		5000m		4000m			
B												
C												
D												

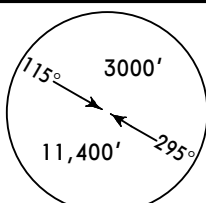
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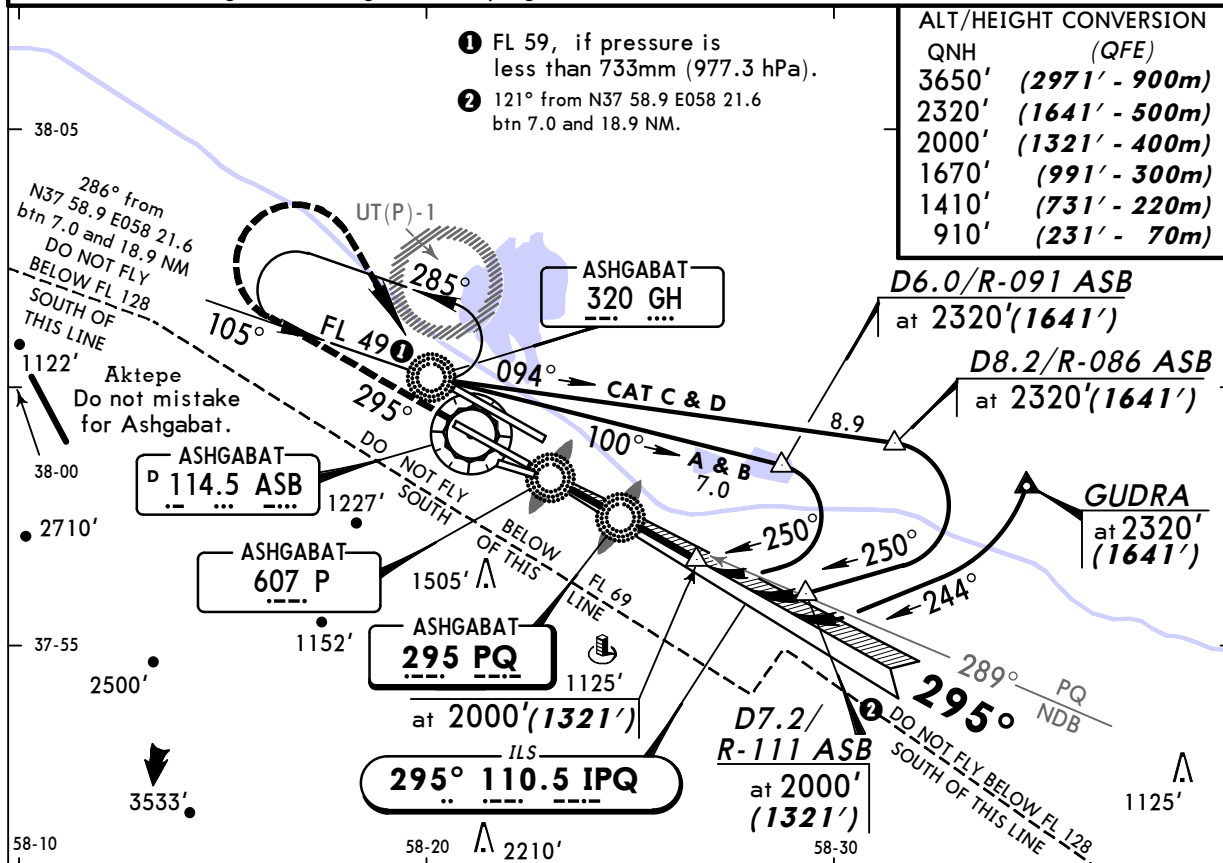
UTAA/ASB ASHGABAT

JEPPESEN
2 MAR 07 **(11-3)**

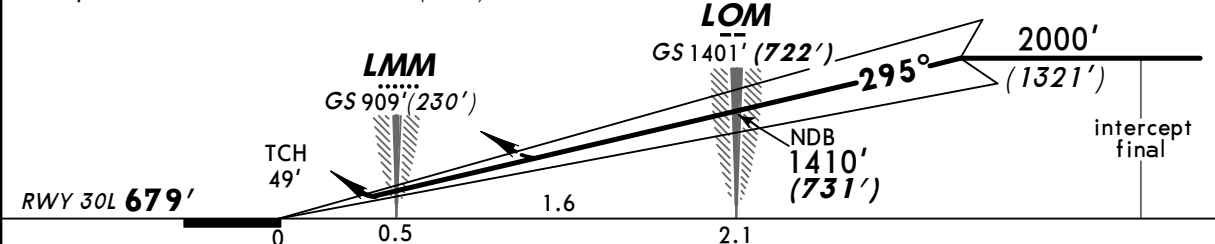
ASHGABAT, TURKMENISTAN ILS or 2 NDB Rwy 30L

BRIEFING STRIP

ASHGABAT Approach 123.5		ASHGABAT Krug (SRE) 118.7		ASHGABAT Start (TWR) 120.0		Ground 121.7		
LOC IPQ 110.5	Final Apch Crs 295°	GS LOM 1401' (722')	ILS DA(H) Refer to Minimums	Apt Elev 692' RWY 679'				
NDB PQ 295		Minimum Alt LOM 1410' (731')	NDB MDA(H) Refer to Minimums					
MISSED APCH: Climb on 295° to 1670' (991'), then turn RIGHT to GH NDB and as directed.								
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 49 1				Trans alt: 3650' (2971')
Do not mistake brighter road lights for rwy lights.								



NDB apch: Pass LMM not below 910' (231').



Gnd speed-Kts	70	90	100	120	140	160	ALS	1670' (991')	on 295°	GH 320
ILS GS 3.00° or NDB Descent Gradient 5.2%	377	484	538	646	753	861				RT

STRAIGHT-IN LANDING RWY 30L								
ILS AB: 879'(200') CD:1007'(328')			LOC (GS out)		NDB 1			
DA(H) FULL			ALS out		MDA(H) 1090'(411')		ALS out	
A	1200m		NOT AUTHORIZED		1800m 1			
B								
C								
D								
1 B737: MDA(H) 1500'(821'), 4000m.								

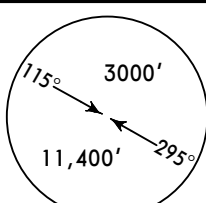
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UTAA/ASB ASHGABAT

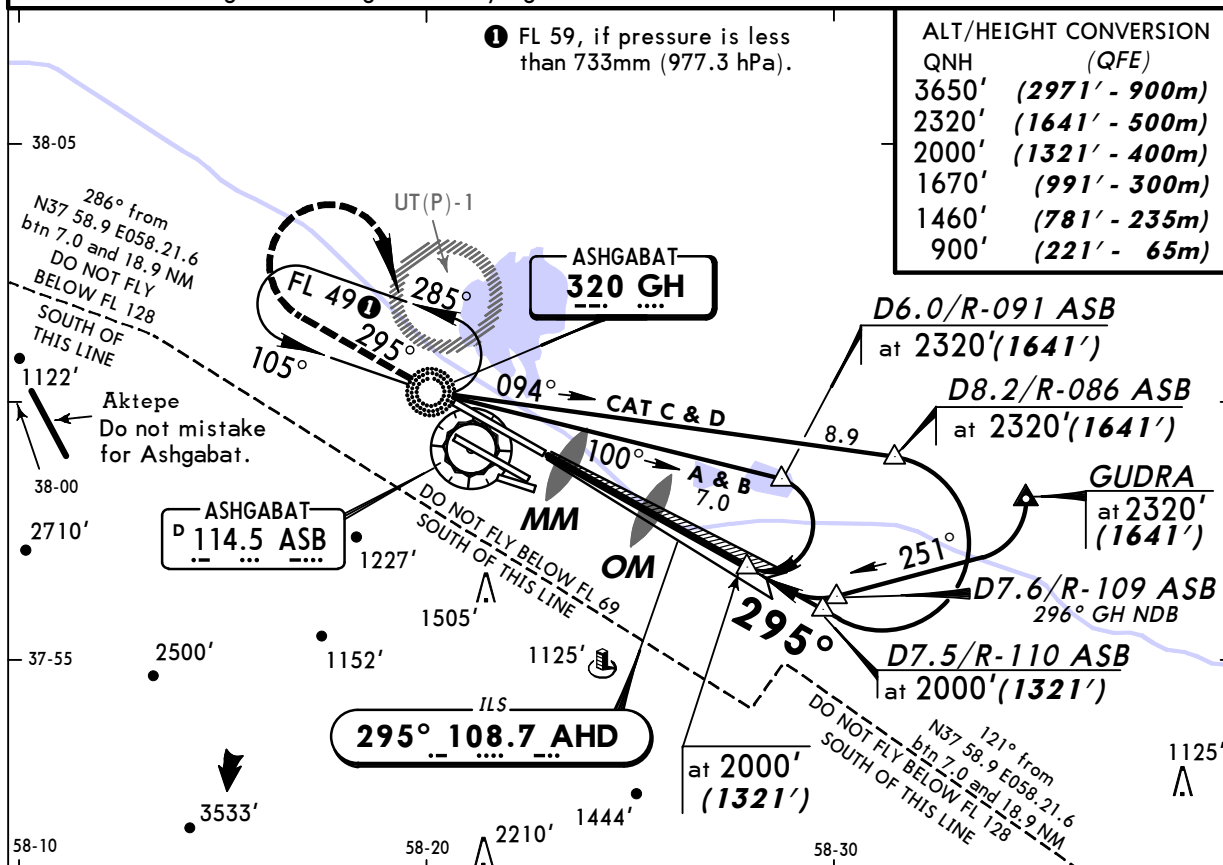
2 MAR 07 **(11-4)**

JEPPesen ASHGABAT, TURKMENISTAN ILS or NDB Rwy 30R

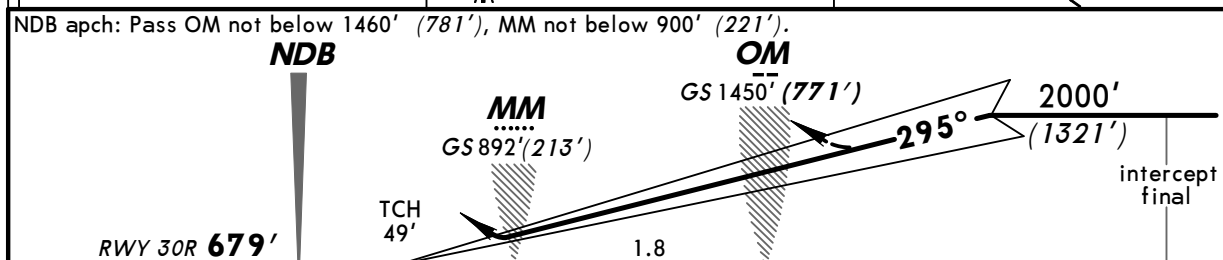
BRIEFING STRIP

ASHGABAT Approach 123.5		ASHGABAT Krug (SRE) 118.7		ASHGABAT Start (TWR) 120.0		Ground 121.7	
LOC AHD 108.7	Final Apch Crs 295°	GS OM 1450' (771')	ILS DA(H) 879' (200')	Apt Elev 692' RWY 679'			
NDB GH 320		Minimum Alt No FAF	NDB MDA(H) Refer to Minimums				
MISSED APCH: Climb on 295° to 1670' (991'), then turn RIGHT to NDB and as directed.							

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 49 **1** Trans alt: 3650' (**2971'**)
Do not mistake brighter road lights for rwy lights.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3650'	(2971' - 900m)
2320'	(1641' - 500m)
2000'	(1321' - 400m)
1670'	(991' - 300m)
1460'	(781' - 235m)
900'	(221' - 65m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	1670' (991') on 295°	GH 320 RT
ILS GS 3.00° or NDB Descent Gradient 5.2%	377	484	538	646	753	861			

STRAIGHT-IN LANDING RWY 30R					
ILS			LOC (GS out)	NDB 1	
DA(H) 879' (200')				MDA(H) 1710' (1031')	
FULL	TDZ or CL out	ALS out		ALS out	
A					
B					
C	RVR 550m VIS 800m	RVR 720m VIS 800m	1200m	NOT AUTHORIZED	5000m
D					

1 W/o FAF: MDA(H) 1830' (1151').

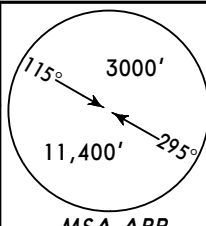
CHANGES: Minimums.

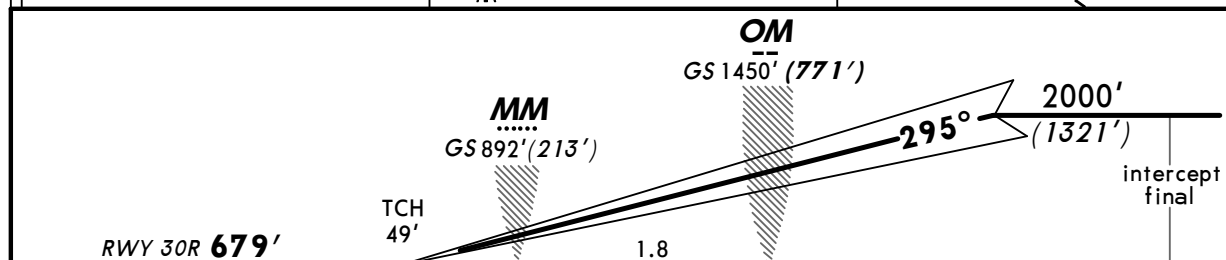
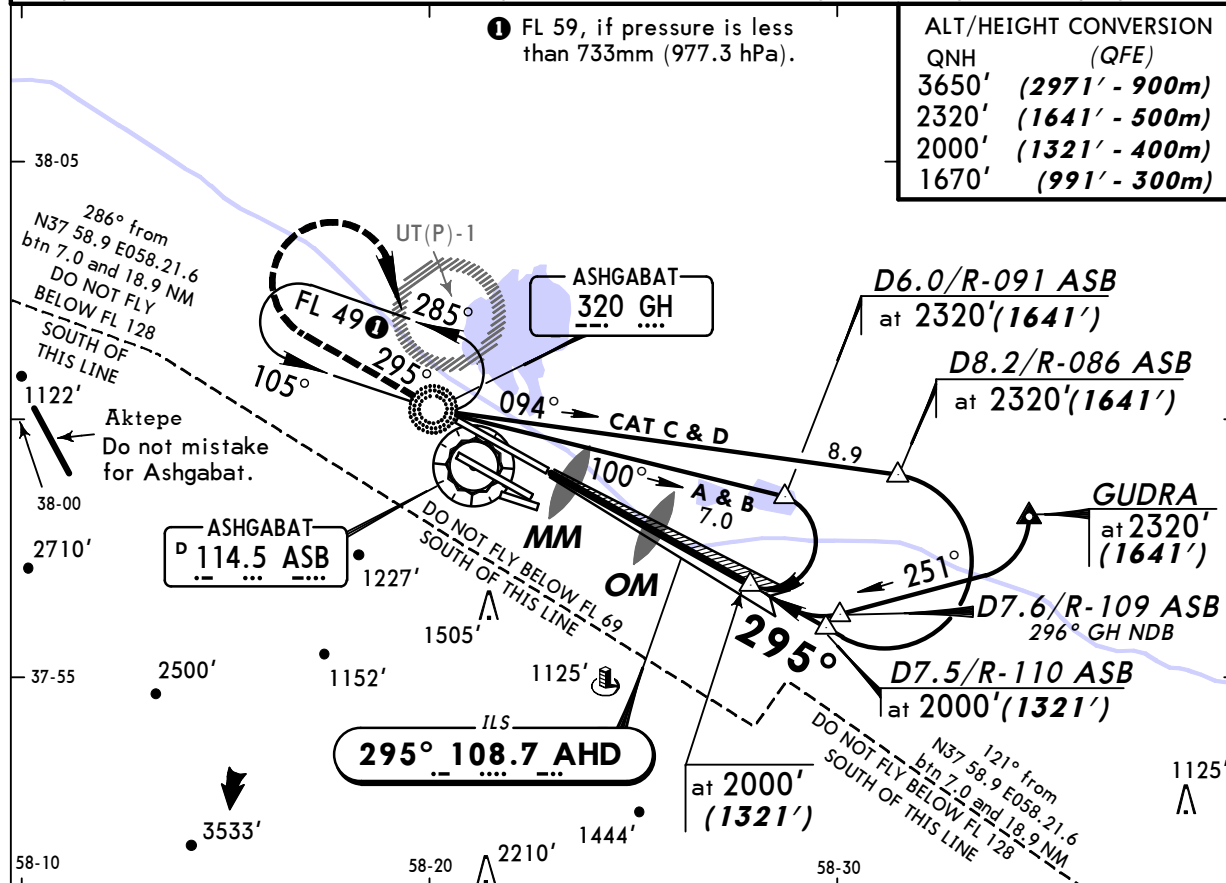
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UTAA/ASB
ASHGABAT

JEPPesen **ASHGABAT, TURKMENISTAN**
2 MAR 07 **(11-4A)** **CAT II ILS Rwy 30R**

BRIEFING STRIP

ASHGABAT Approach		ASHGABAT Krug (SRE)		ASHGABAT Start (TWR)		Ground	
123.5		118.7		120.0		121.7	
LOC AHD 108.7	Final Apch Crs 295°	GS OM 1450' (771')	CAT II ILS RA 113' DA(H) 779' (100')		Apt Elev 692' RWY 679'		
MISSED APCH: Climb on 295° to 1670' (991'), then turn RIGHT to NDB and as directed.						MSA ARP	
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 49 1		Trans alt: 3650' (2971')	
1. Special Aircrew & Acft Certification Required. 2. Do not mistake brighter road lights for rwy lights.							



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II		1670' (991') on 295°		GH 320
GS	3.00°	377	484	538	646	753	PAPI		↑		RT

STRAIGHT-IN LANDING RWY 30R
CAT II ILS
ABCD
RA 113'
DA(H) 779' (100')

RVR 350m

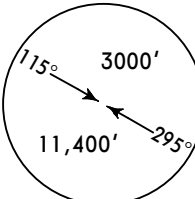
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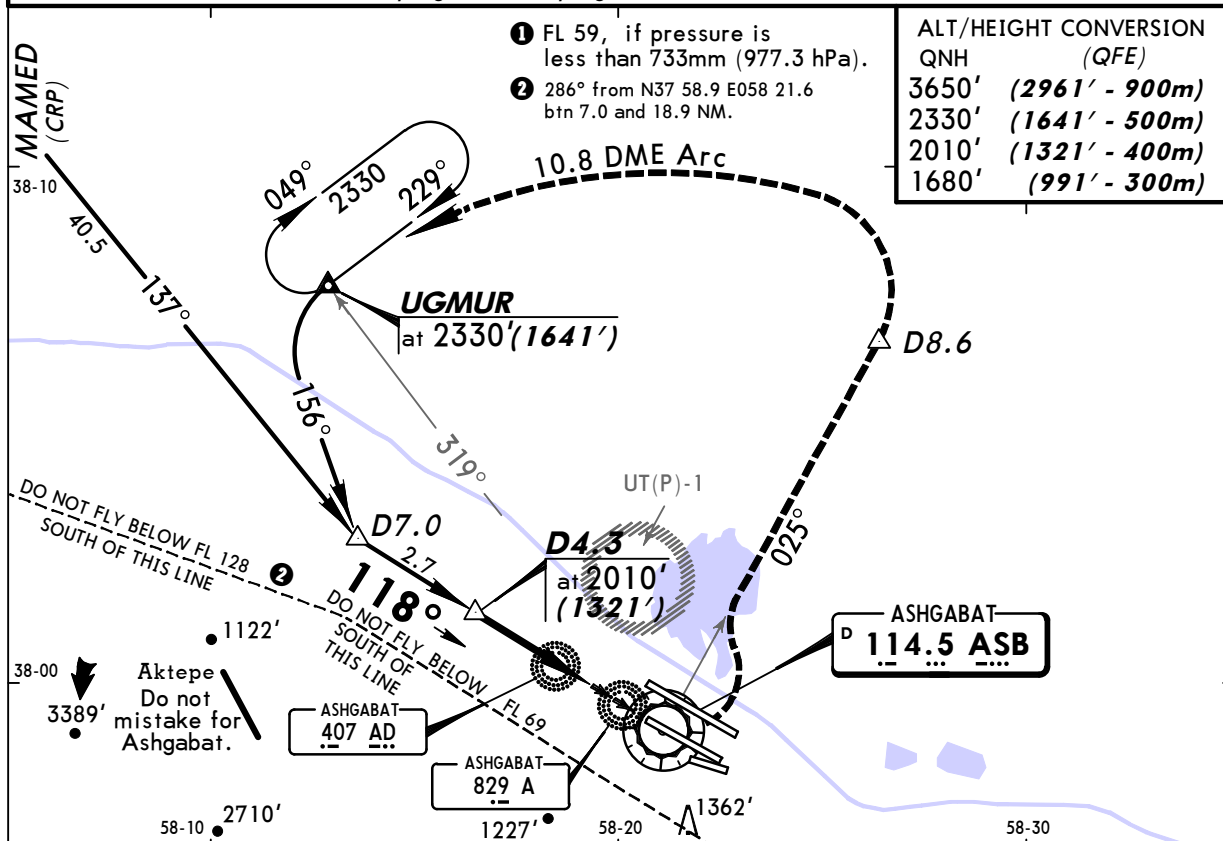
UTAA/ASB
ASHGABAT

JEPPESSEN
2 MAR 07 **(13-1)**

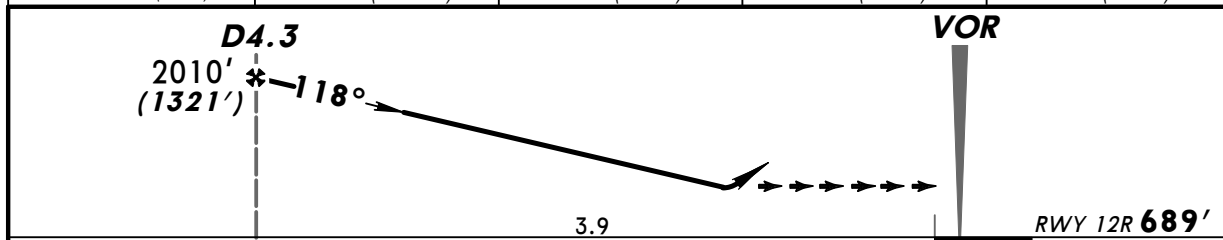
ASHGABAT, TURKMENISTAN
VOR DME Rwy 12R

BRIEFING STRIP

ASHGABAT Approach		ASHGABAT Krug (SRE)		ASHGABAT Start (TWR)		Ground	
123.5		118.7		120.0		121.7	
VOR ASB 114.5	Final Apch Crs 118°	Minimum Alt D4.3 2010'(1321')	MDA(H) Refer to Minimums	Apt Elev 692' RWY 689'		 MSA ARP	
MISSED APCH: Climb on 118° to 1680'(991') to VOR, then turn LEFT to intercept R-025 and proceed to join 10.8 DME Arc, or as directed.							
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 49 ① Trans alt: 3650' (2961')							
WARNING: Do not mistake railway lights for rwy lights.							



ASB DME	3.8	3.2	2.4	1.6
ALTITUDE (HAT)	1840' (1151')	1680' (991')	1420' (731')	1150' (461')



Gnd speed-Kts	70	90	100	120	140	160	ALS	1680' (991') on 118°	ASB 114.5
Descent Gradient 5.2%	369	474	527	632	737	843			

STRAIGHT-IN LANDING RWY 12R	
MDA(H) 1100' (411') 1	ALS out

PANS OPS

A	1800m 1	
B		
C		
D		

1 W/o FAF: MDA(H) 1680' (991'), 5000m.

UTAA/ASB ASHGABAT

JEPPesen ASHGABAT, TURKMENISTAN 2 MAR 07 (13-2) VOR DME Rwy 30L

BRIEFING STRIP

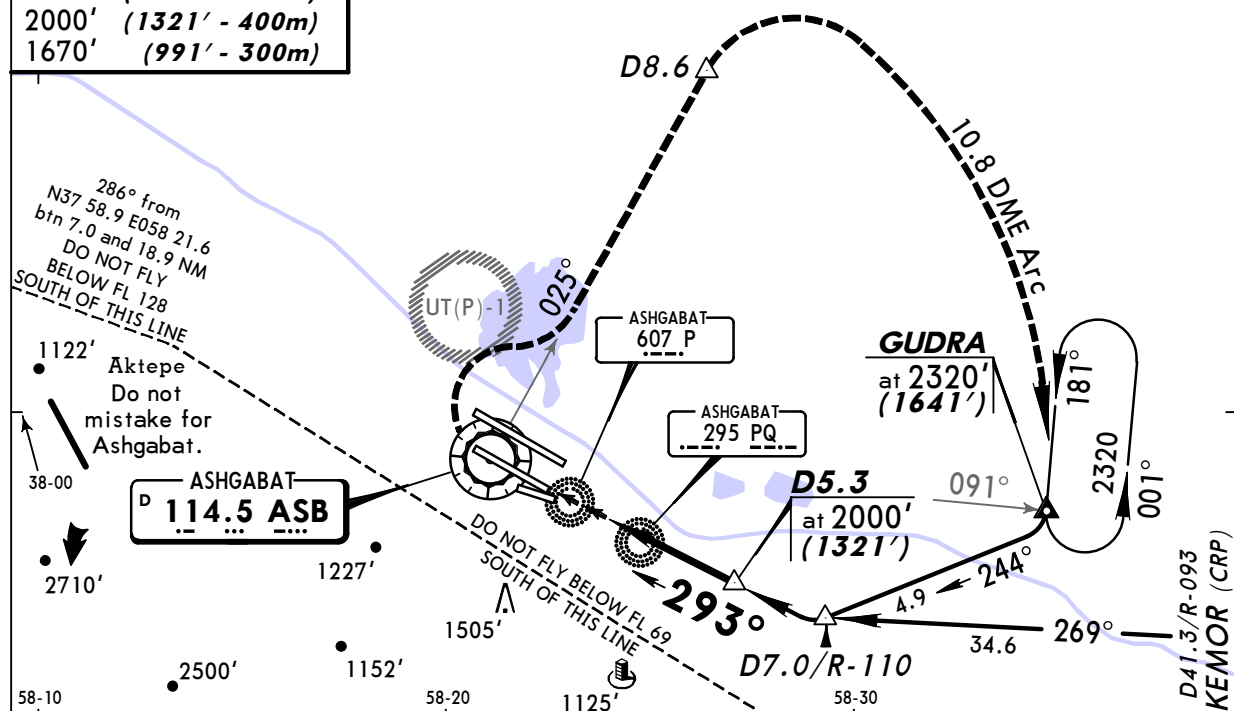
ASHGABAT Approach		ASHGABAT Krug (SRE)		ASHGABAT Start (TWR)		Ground
123.5		118.7		120.0		121.7
VOR ASB 114.5	Final Apch Crs 293°	Minimum Alt D5.3 2000' (1321')	MDA(H) 1090' (411')	Apt Elev 692' RWY 679'		 MSA ARP
MISSED APCH: Climb on 293° to 1670' (991') to VOR, then turn RIGHT to intercept R-025 and proceed to join 10.8 DME Arc, or as directed.						
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 49 ① Trans alt: 3650' (2971')						
WARNING: Do not mistake brighter road lights North of rwy 30L for apch lights.						

ALT/HEIGHT CONVERSION

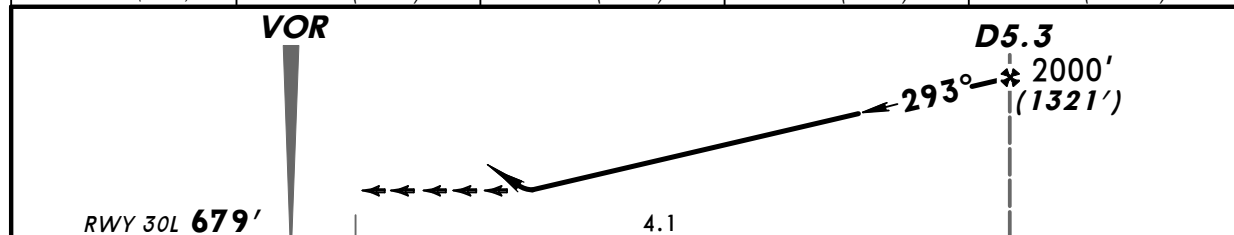
QNH	(QFE)
3650'	(2971' - 900m)
2320'	(1641' - 500m)
2000'	(1321' - 400m)
1670'	(991' - 300m)

38-10

① FL 59, if pressure is less than 733mm (977.3 hPa).



ASB DME	2.6	3.5	4.3	5.3
ALTITUDE (HAT)	1090' (411')	1390' (711')	1640' (961')	2000' (1321')



Gnd speed-Kts	70	90	100	120	140	160	ALS	1670' (991') on 293°	ASB 114.5
Descent Gradient 5.2%	369	474	527	632	737	843			

STRAIGHT-IN LANDING RWY 30L				
MDA(H) 1090' (411')				
		ALS out		
A				
B				
C				
D				

PANS OPS