

Page 1
Changed chart(s) since Disc 11-2011
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 11-2011

TERMINAL CHART NOTAMs

Chart NOTAMs for Airport UTAA

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

(11-4/11-4A) ILS 30R operating, but does not conform to fac perf CAT 1/2. NDB 30R OCA(H) lowered to CAT A/B 1340ft (661ft), CAT C/D 1670ft (991ft), CAT A/B VIS lowered to 3000m.

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

Until 30 JUN 11 ILS rwy 30R MDA(H) raised for CAT A,B acft to 1340'(661'), VIS 3000m and for CAT C,D acft to 1670'(991'), VIS 5000m.

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

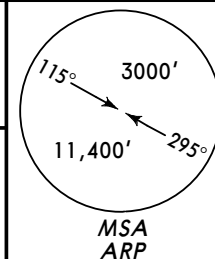
JEPPESEN ASHGABAT, TURKMENISTAN

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

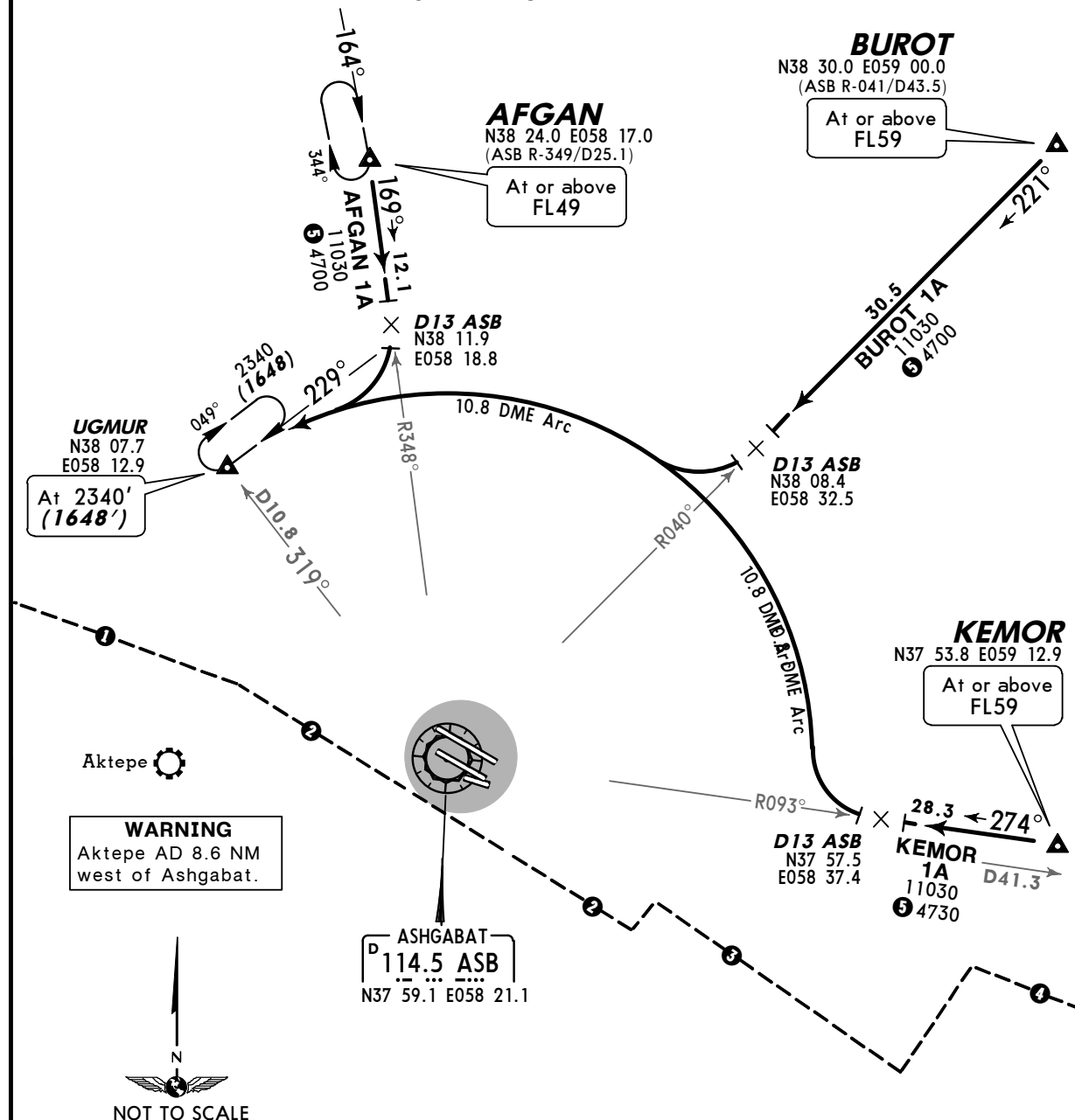
STAR

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

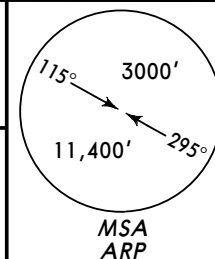
JEPPesen **ASHGABAT, TURKMENISTAN**

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

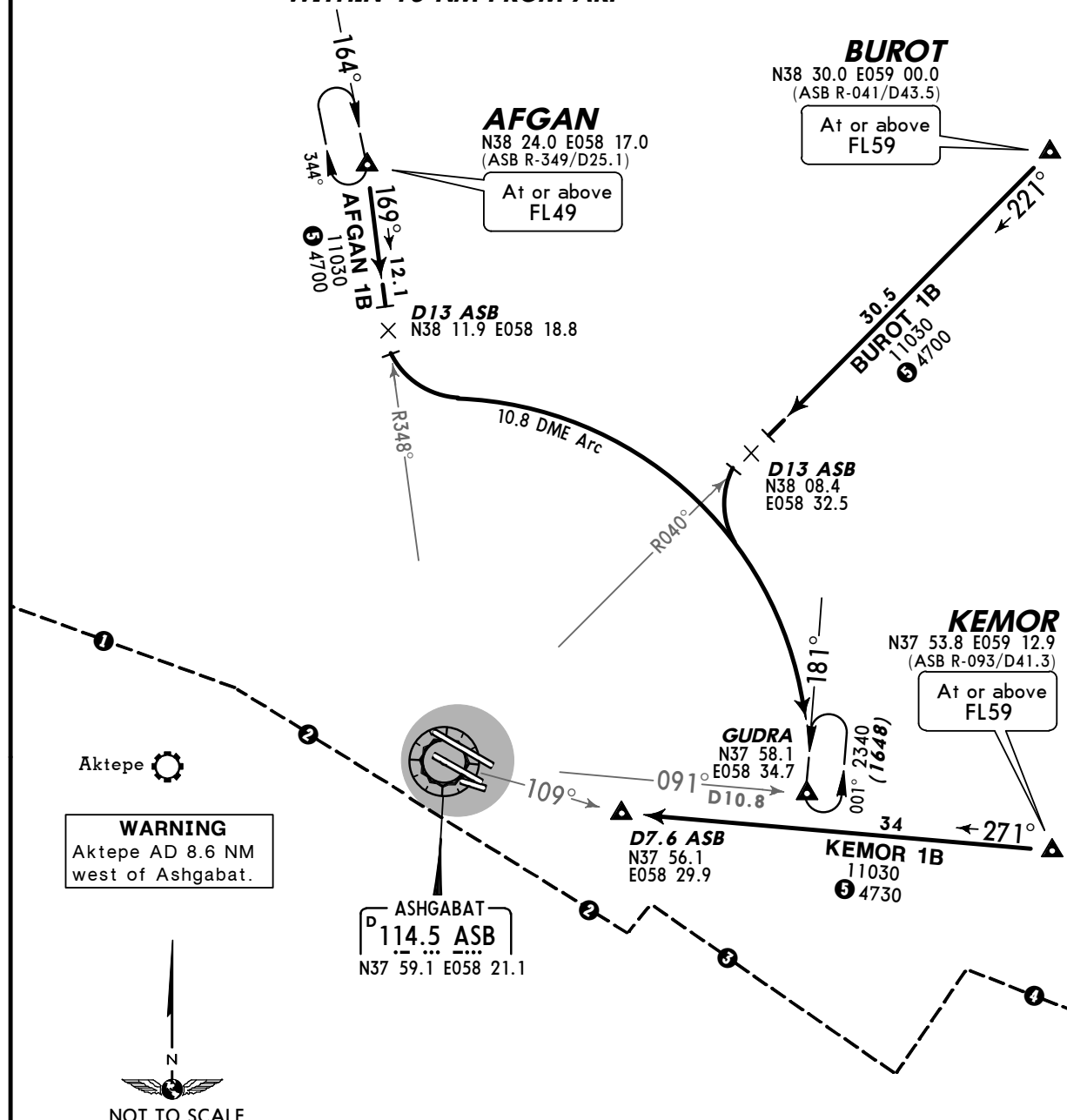
STAR

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



- 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**

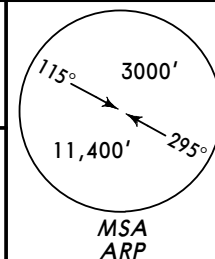
JEPPESEN ASHGABAT, TURKMENISTAN

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
51.50

MAMED

N38 34.8 E057 42.0

t or above
FL89

NOT TO SCALE

UGMUR
N38 07.7 E058 12.9

At 234
61618

 **Aktepe**

WARNING

Aktepe AD 8.6 NM
west of Ashgabat.

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)

- 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

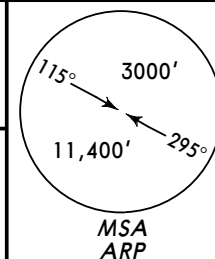
JEPPesen **ASHGABAT, TURKMENISTAN**

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')**

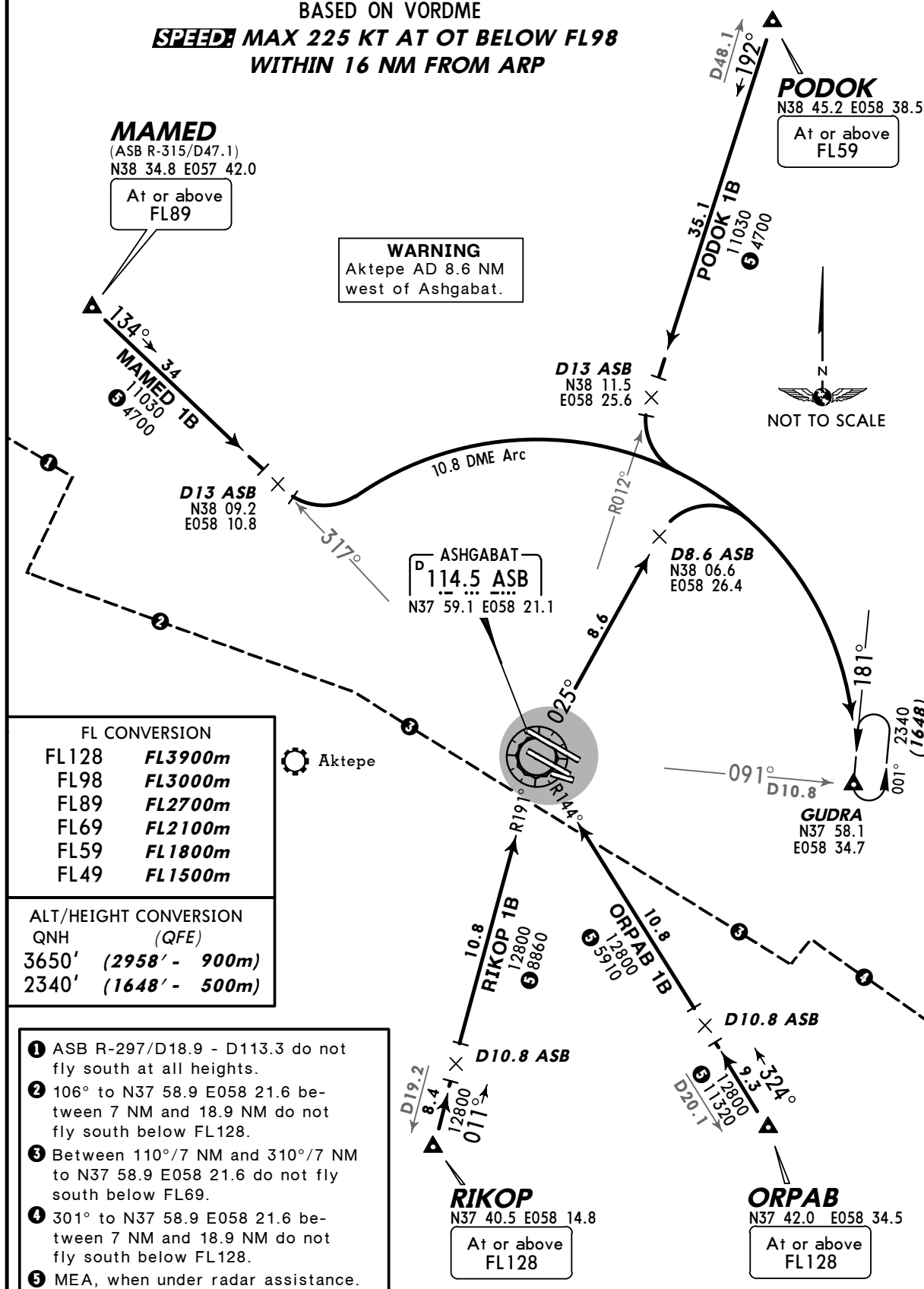


MAMED 1B [MAME1B], ORPAB 1B [ORPA1B]
PODOK 1B [PODO1B], RIKOP 1B [RIKO1B]
RWYS 30L/R ARRIVALS
BASED ON VORDME
SPEED MAX 225 KT AT OT BELOW FL98
WITHIN 16 NM FROM ARP

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

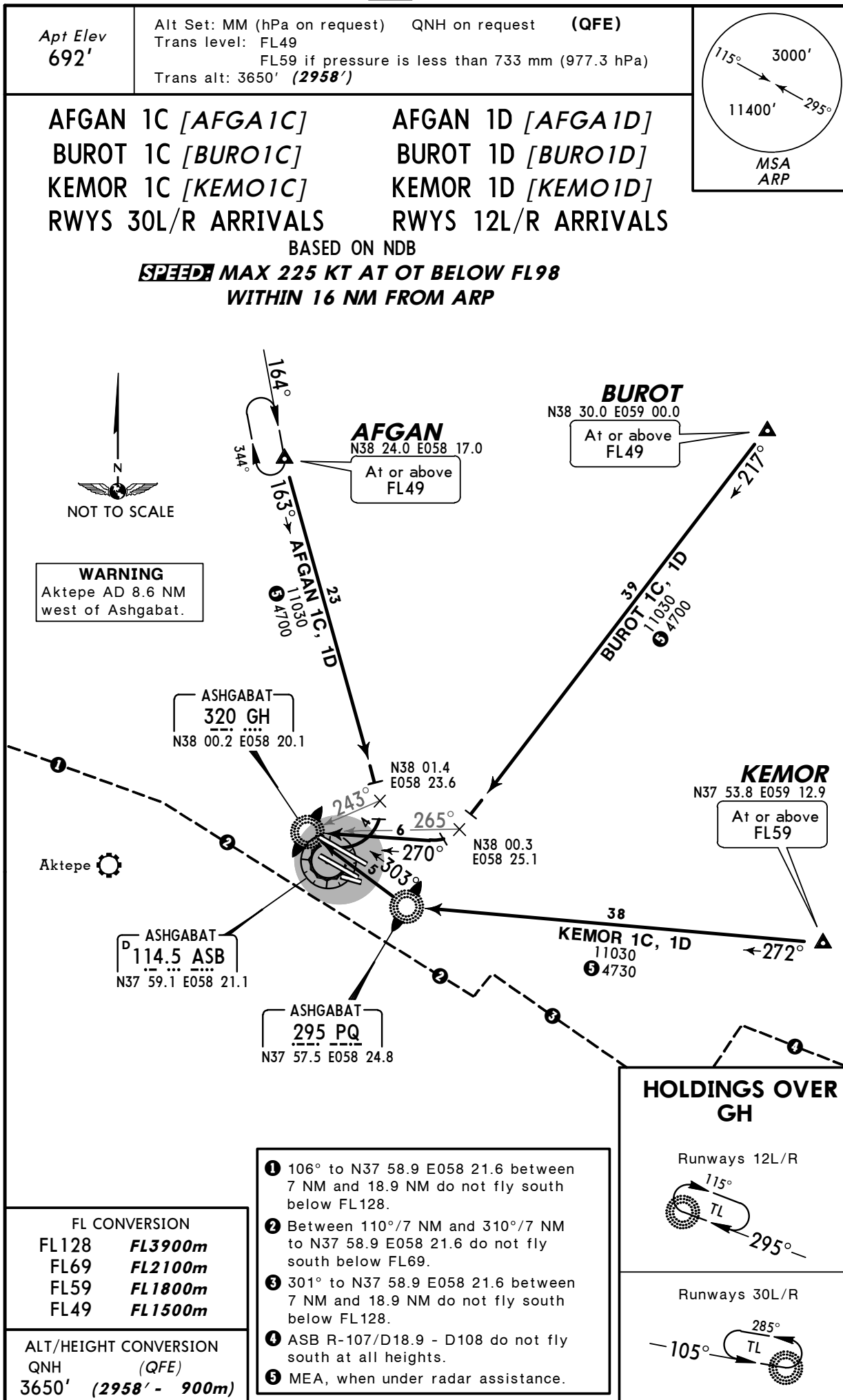
WARNING
Aktepe AD 8.6 NM
west of Ashgabat.

PODOK
N38 45.2 E058 38.5
At or above
FL59



UTAA/ASB
ASHGABAT

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



UTAA/ASB ASHGABAT

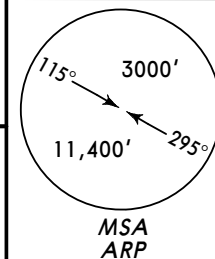
JEPPESEN
20 JAN 06 **(10-2E)**

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]

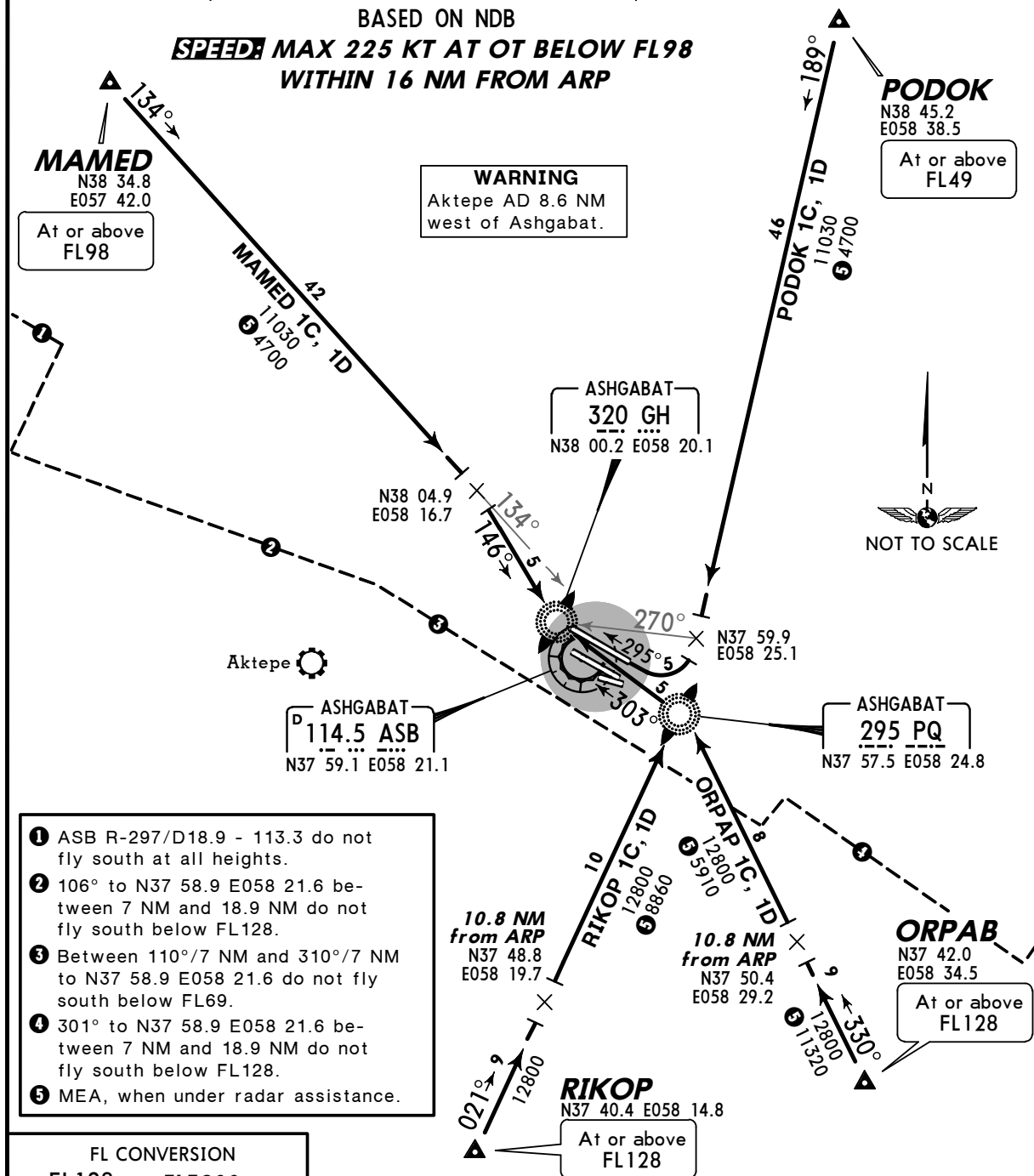
RIKOP 1D [RIKO1D]

RWYS 30L/R ARRIVALS

RWYS 12L/R ARRIVALS

BASED ON NDB

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

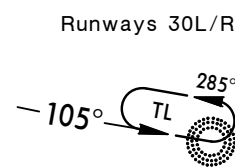
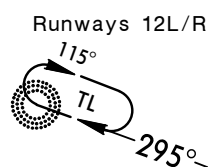


- ① ASB R-297/D18.9 - 113.3 do not fly south at all heights.
- ② 106° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ③ Between 110°/7 NM and 310°/7 NM to N37 58.9 E058 21.6 do not fly south below FL69.
- ④ 301° to N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly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

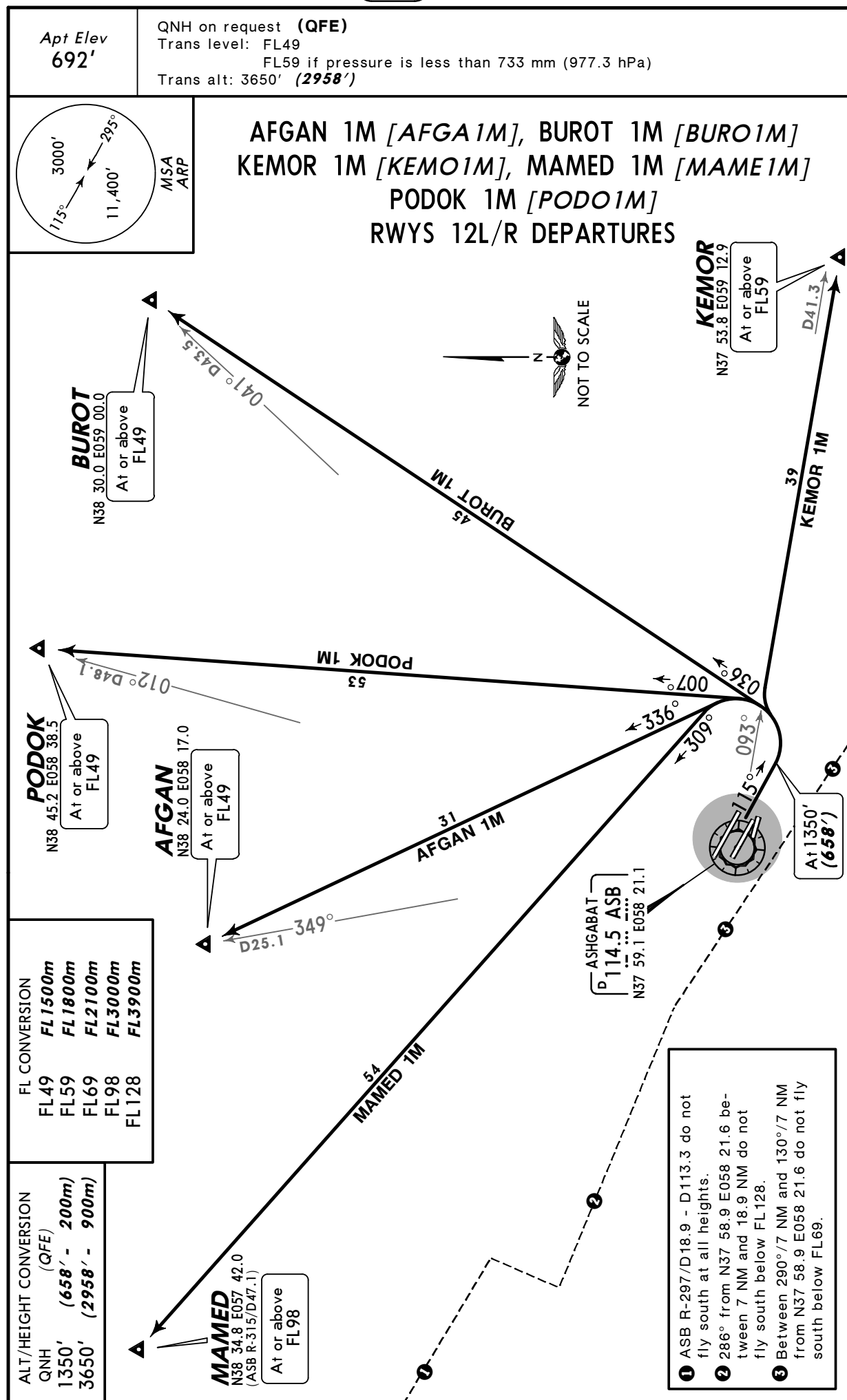
JEPPESSEN ASHGABAT, TURKMENISTAN

7 MAY 04

10-3

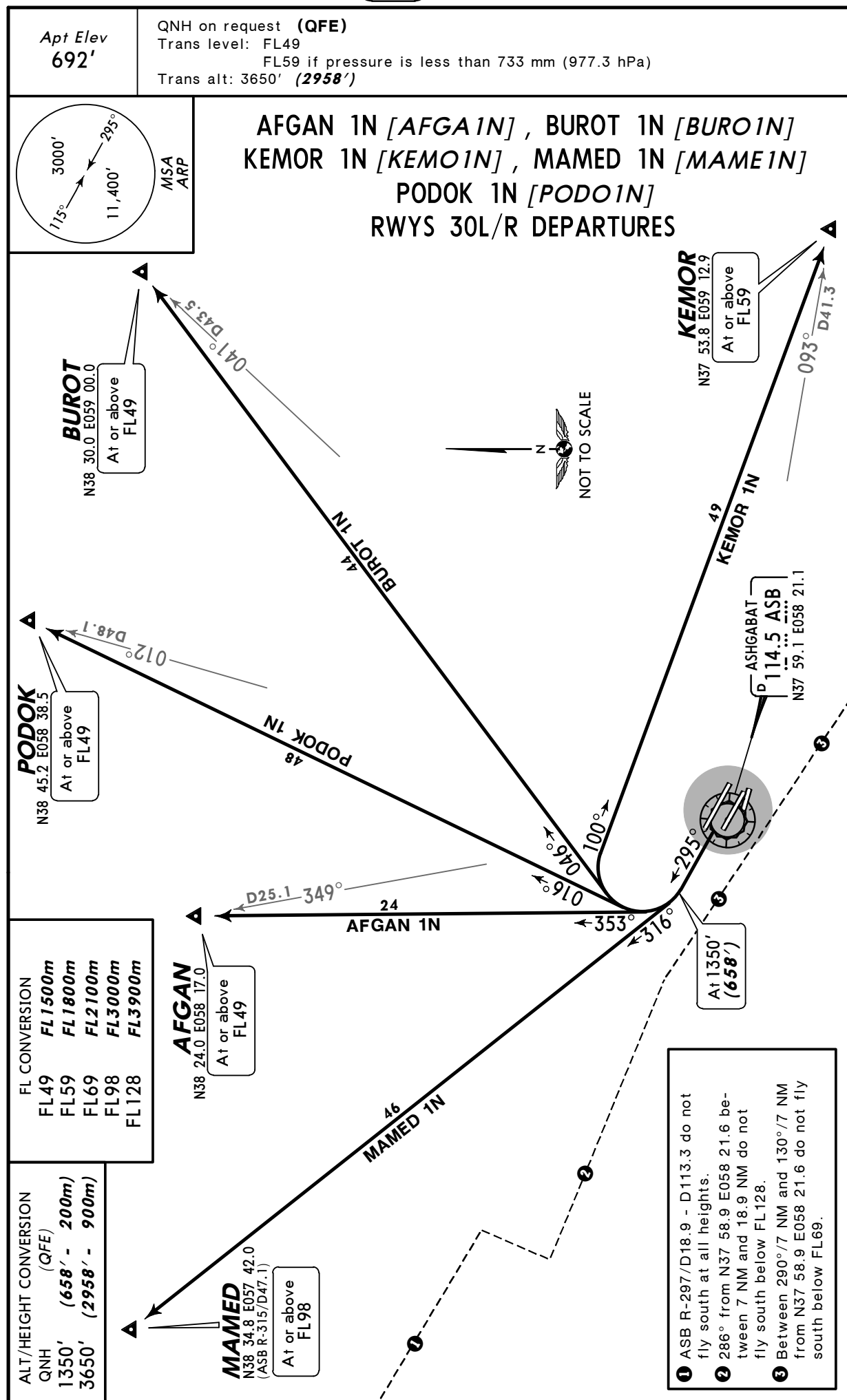
Eff 13 May

SID



UTAA/ASB
ASHGABAT

JEPPESSEN **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)**

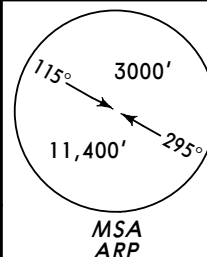
Trans level: FL49

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

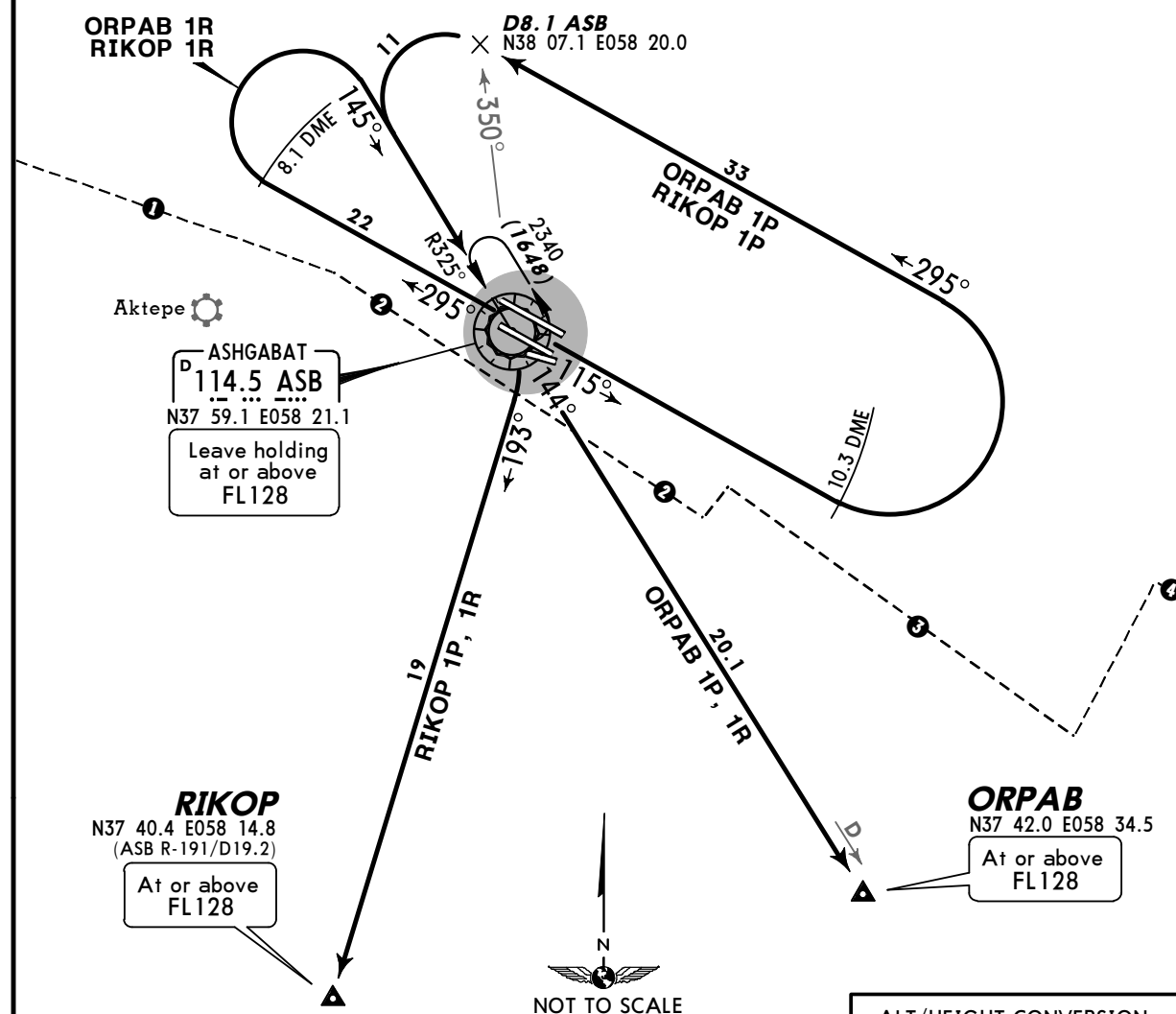
Trans alt: 3650' **(2958')**

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.



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



- 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.

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

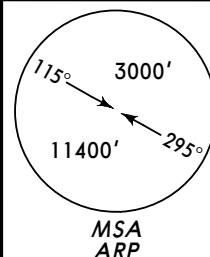
Trans level: FL49

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

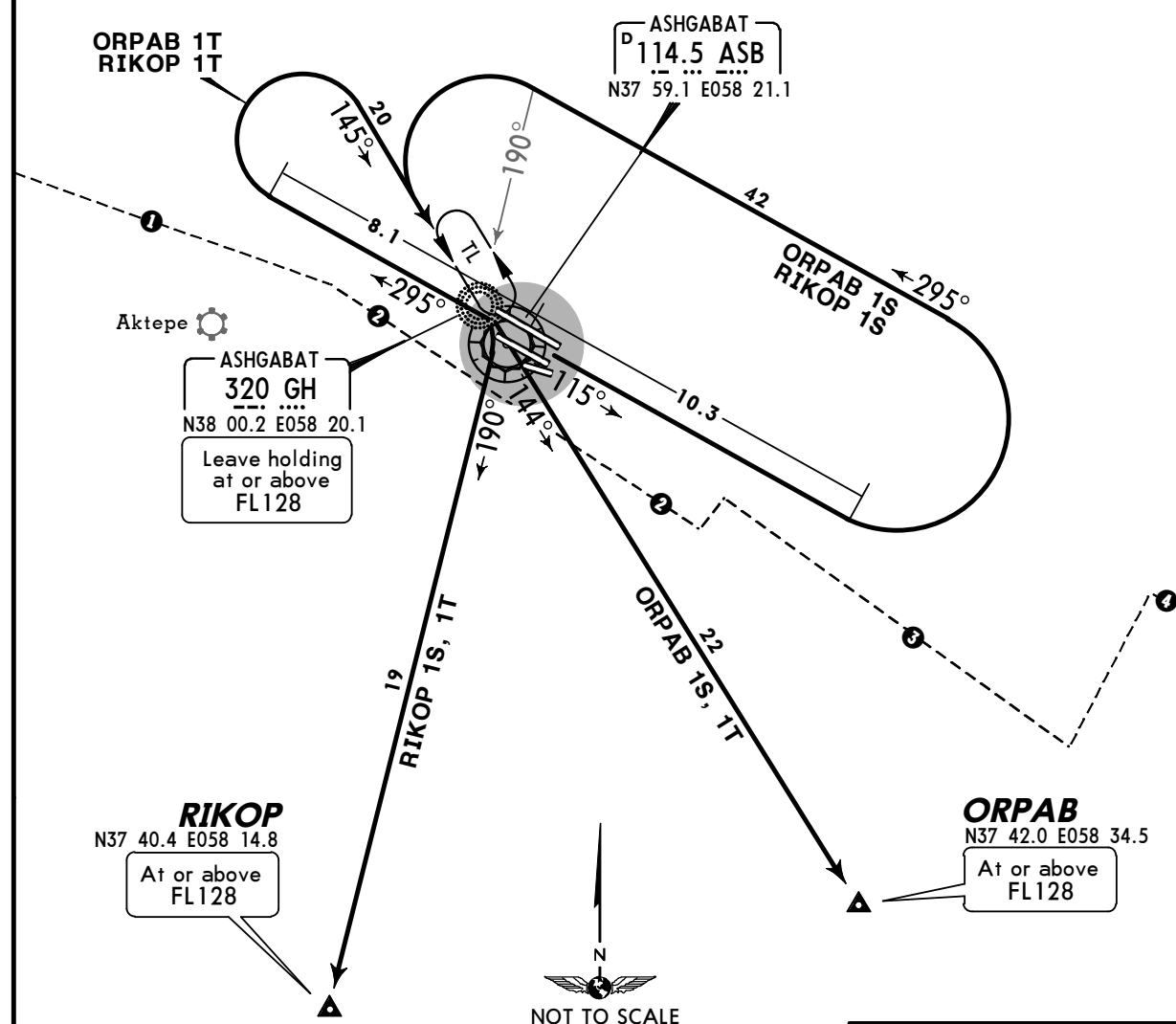
Trans alt: 3650' **(2958')**

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



- ❶ 286° from N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ❷ Between 290°/7 NM and 130°/7 NM from N37 58.9 E058 21.6 do not fly south below FL69.
- ❸ 121° from N37 58.9 E058 21.6 between 7 NM and 18.9 NM do not fly south below FL128.
- ❹ 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

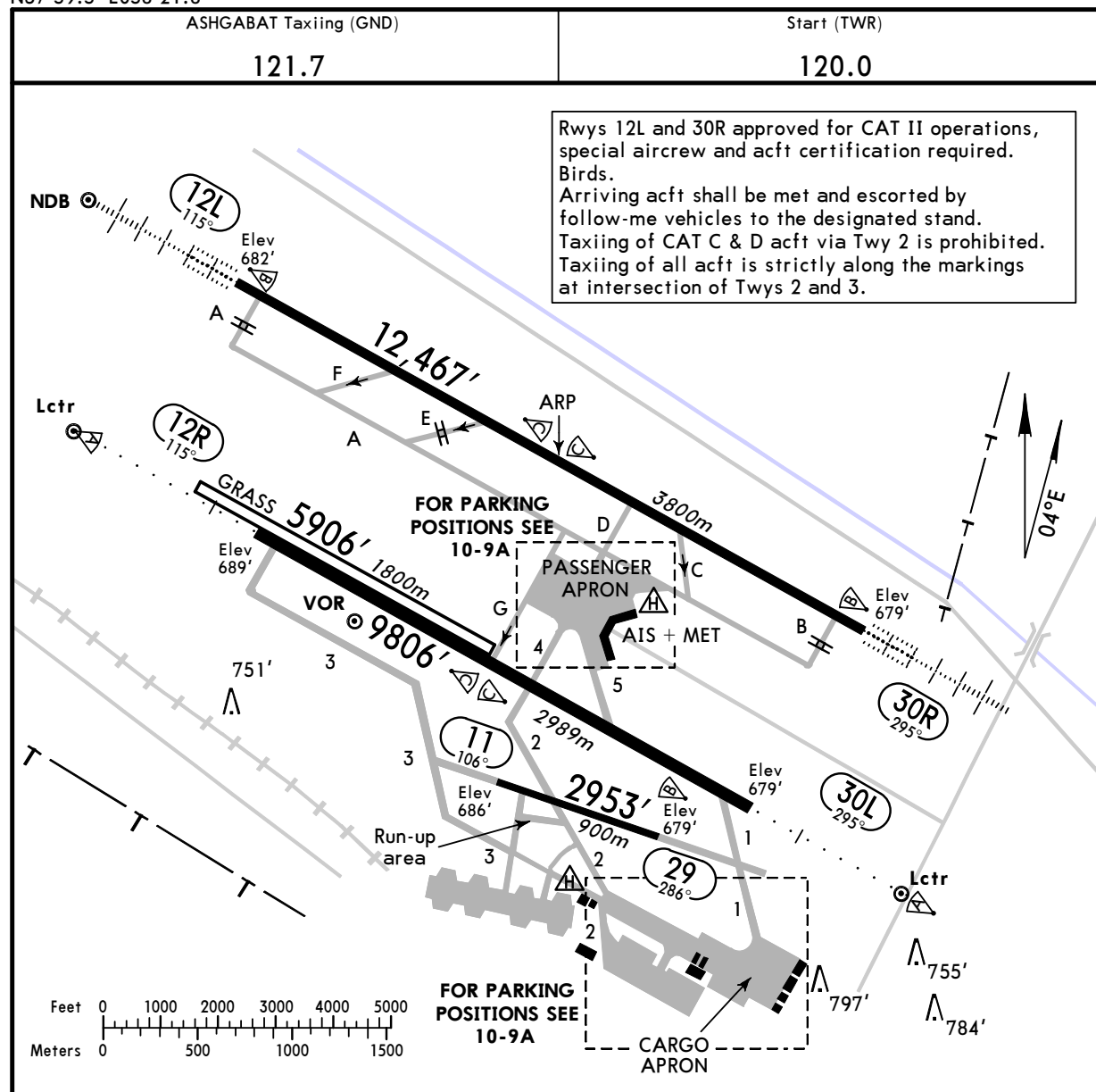
Apt Elev **692'**
N37 59.5 E058 21.8

8 JUN 07

(10-9)

JEPPesen ASHGABAT, TURKMENISTAN

ASHGABAT



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Landing Beyond 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		8773' 2674m	9478' 2889m ^①	197'
30L					60m
12R	Grass runway				197'
30L					60m

^① First 328'/100m unusable for take-off.

TAKE-OFF

	AIR CARRIER (JAA)	
	Rwy 12L/30R LVP must be in force	Rwys 12L/R, 30L/R LVP must be in force
	RL & CL	RCLM (DAY only) or RL
A		
B	200m	300m ^①
C		
D	250m (200m)	400m

^① CAT C & D: NIGHT 400m.

CHANGES: None.

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UTAA/ASB



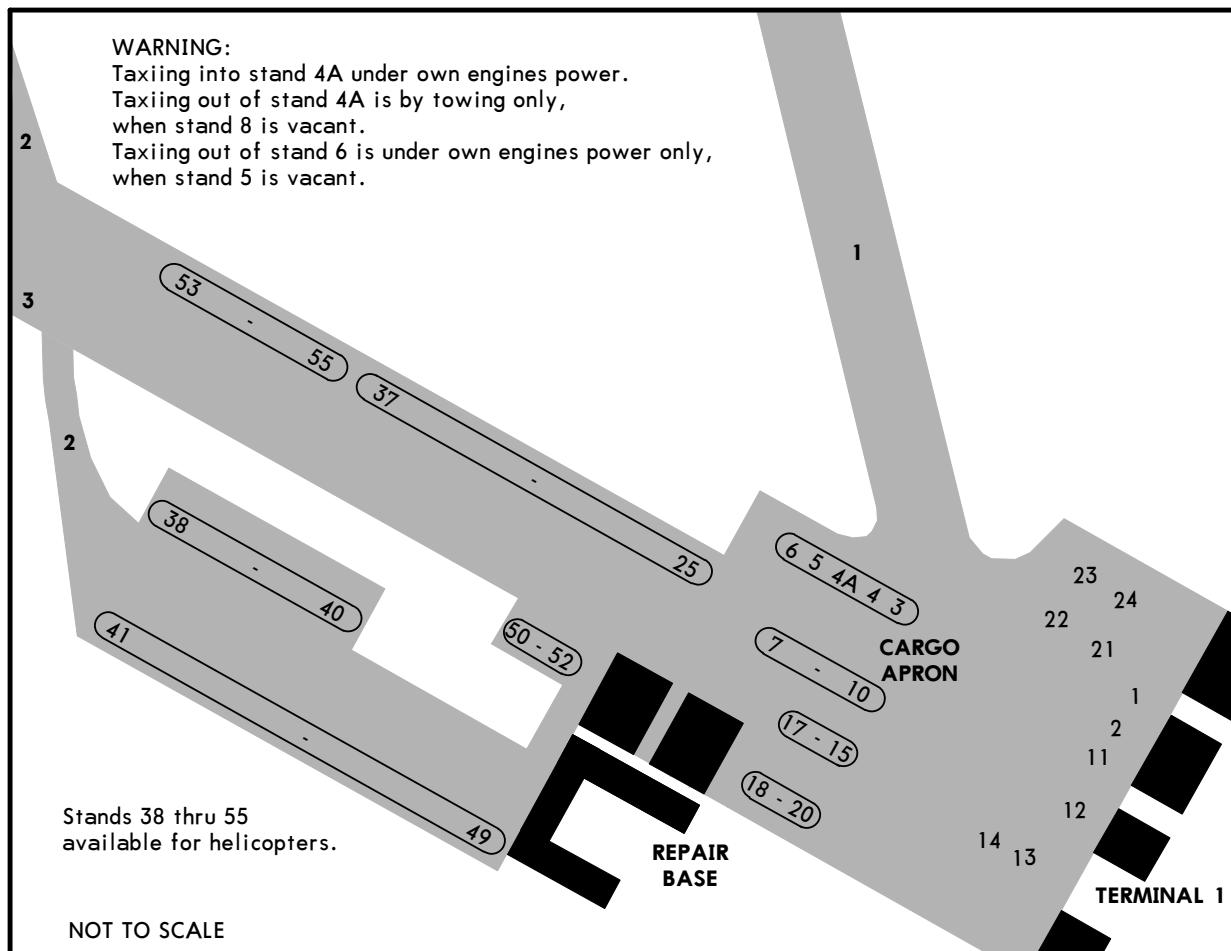
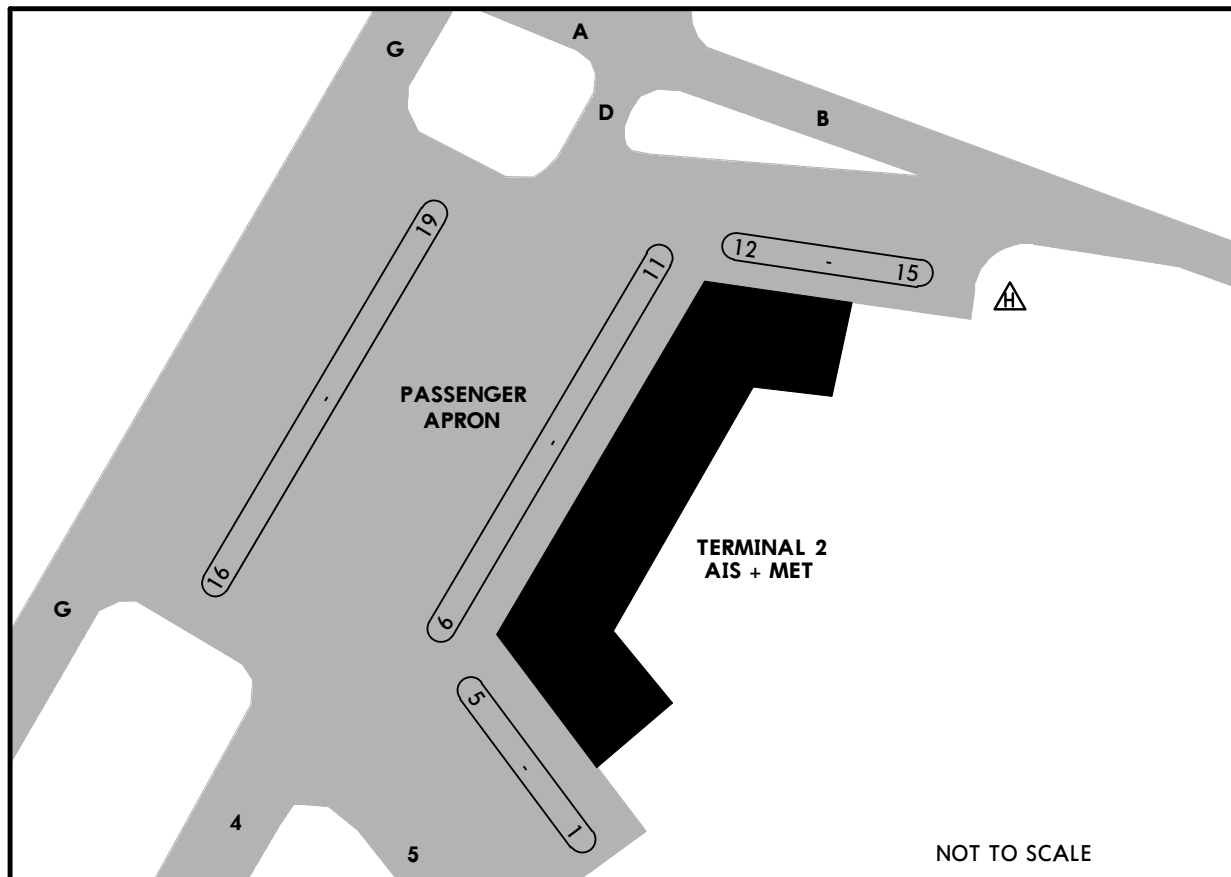
JEPPESEN

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>	R1900m	R1900m	R1900m	R1900m
	NDB ③	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m	1090' (411') R1800m R1900m
	<i>ALS out</i>	R1900m	R1900m	R1900m	R1900m
	NDB (B737)	1500' (821') 4000m	1500' (821') 4000m	1500' (821') 4000m	1500' (821') 4000m
30R	<i>ALS out</i>	4000m	4000m	4200m	4200m
	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
30R	<i>ALS out</i>				
	LOC	NOT AUTHORIZED			
	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		250m			
D					

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
30L	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
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			
30R	VOR DME	1090' (411')	1090' (411')	1090' (411')	1090' (411')
		R1800m	R1800m	R1800m	R1800m
		R1800m	R1800m	R1800m	R2000m
	NDB ❸	1090' (411')	1090' (411')	1090' (411')	1090' (411')
		R1800m	R1800m	R1800m	R1800m
		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		250m						
D								

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			

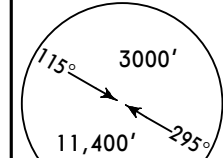
2 CAT C & D: NIGHT 400m.

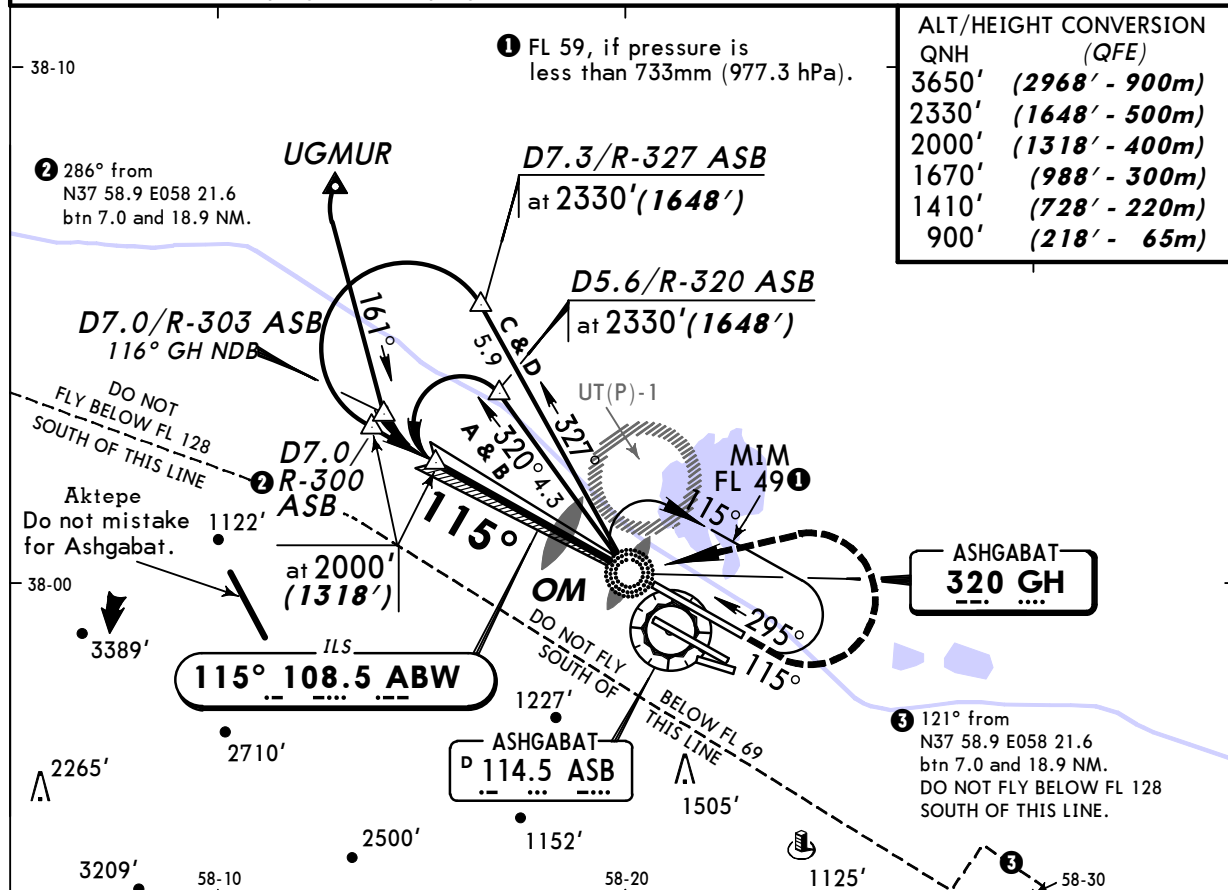
UTAA/ASB ASHGABAT

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

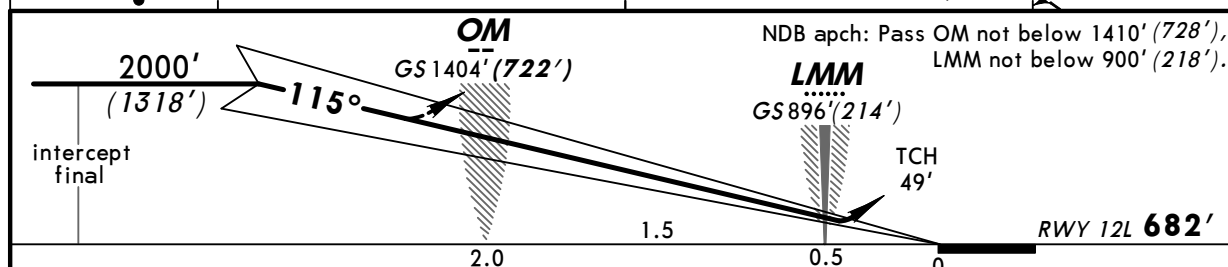
ASHGABAT, TURKMENISTAN ILS or NDB Rwy 12L

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'				
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.						MSA ARP			
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.									



ALT/HEIGHT CONVERSION QNH (QFE)	
3650'	(2968' - 900m)
2330'	(1648' - 500m)
2000'	(1318' - 400m)
1670'	(988' - 300m)
1410'	(728' - 220m)
900'	(218' - 65m)



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

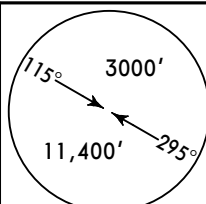
STRAIGHT-IN LANDING RWY 12L							
ILS DA(H) 882' (200')			LOC (GS out)		NDB 1 MDA(H) 1670' (988')		
FULL	TDZ or CL out	ALS out			ALS out		
A							
B							
C	RVR 550m VIS 800m	RVR 720m VIS 800m	1200m	NOT AUTHORIZED	5000m		
D							
1 W/o FAF: MDA(H) 1840' (1158').							

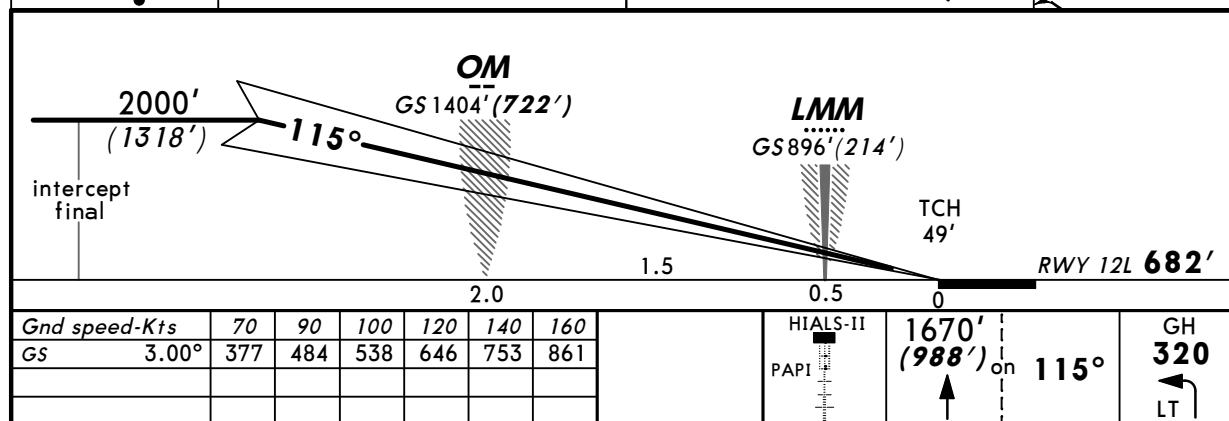
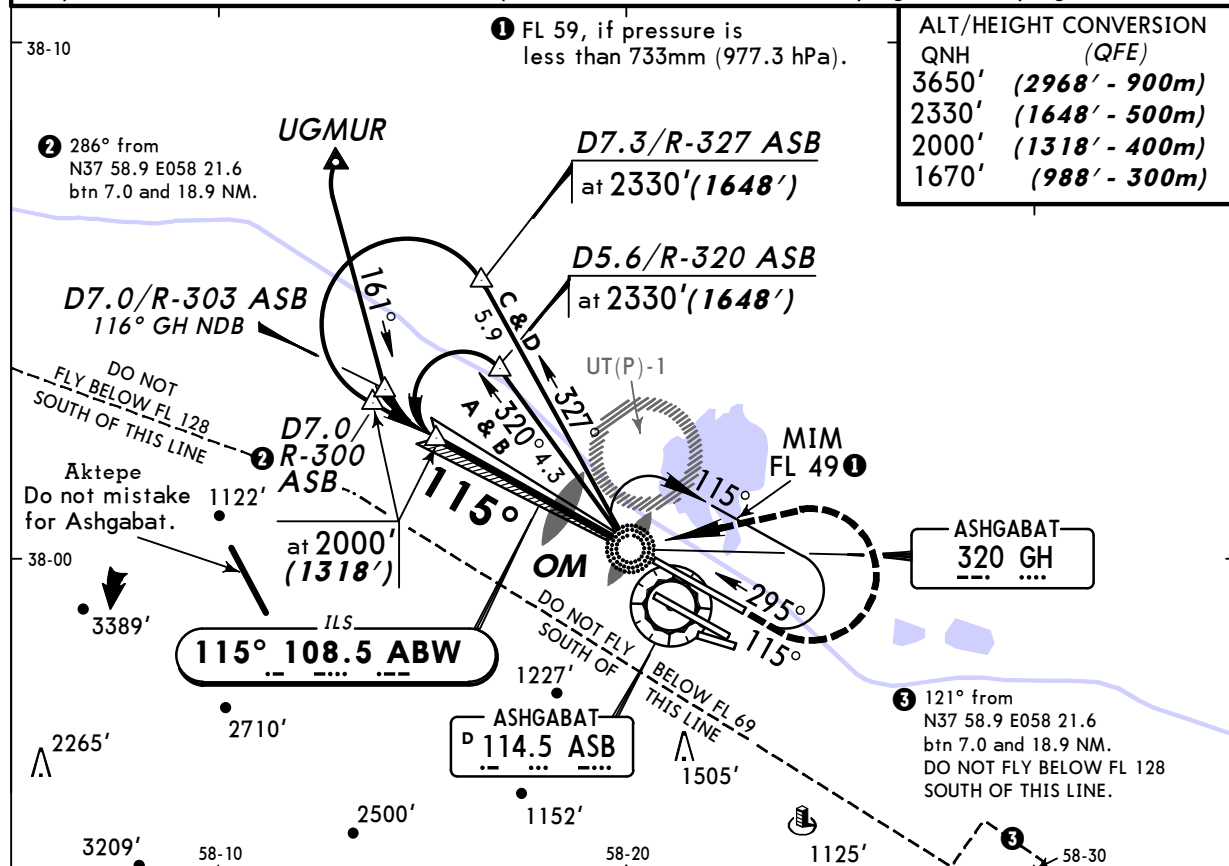
PANS OPS

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.							
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.							



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

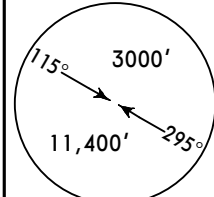
PANS OPS

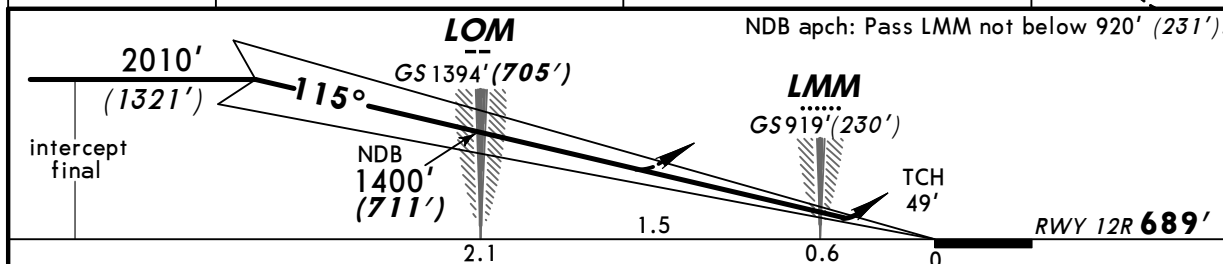
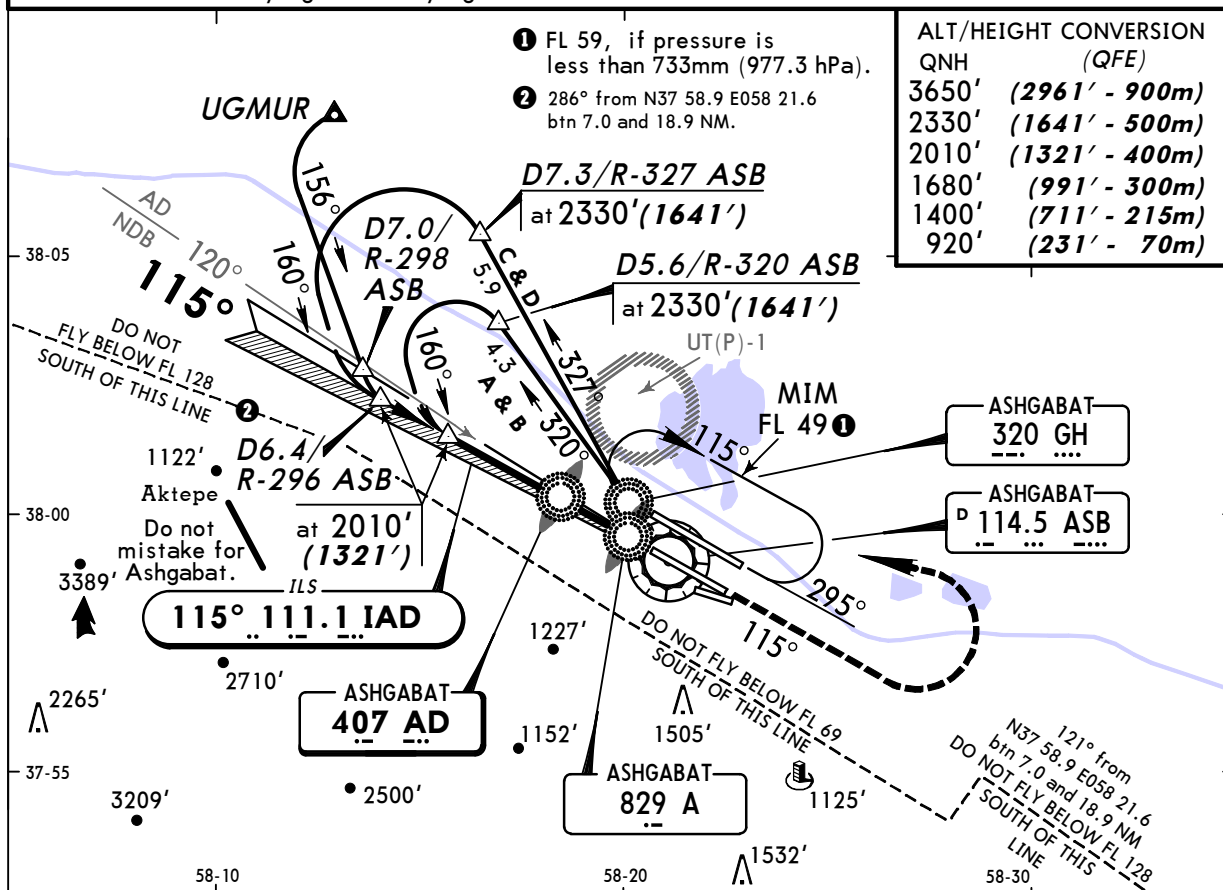
UTAA/ASB ASHGABAT

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 NDB Descent Gradient 5.2%	377	484	538	646	753	861				LT

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

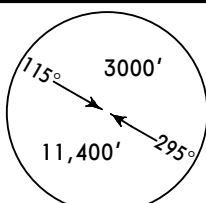
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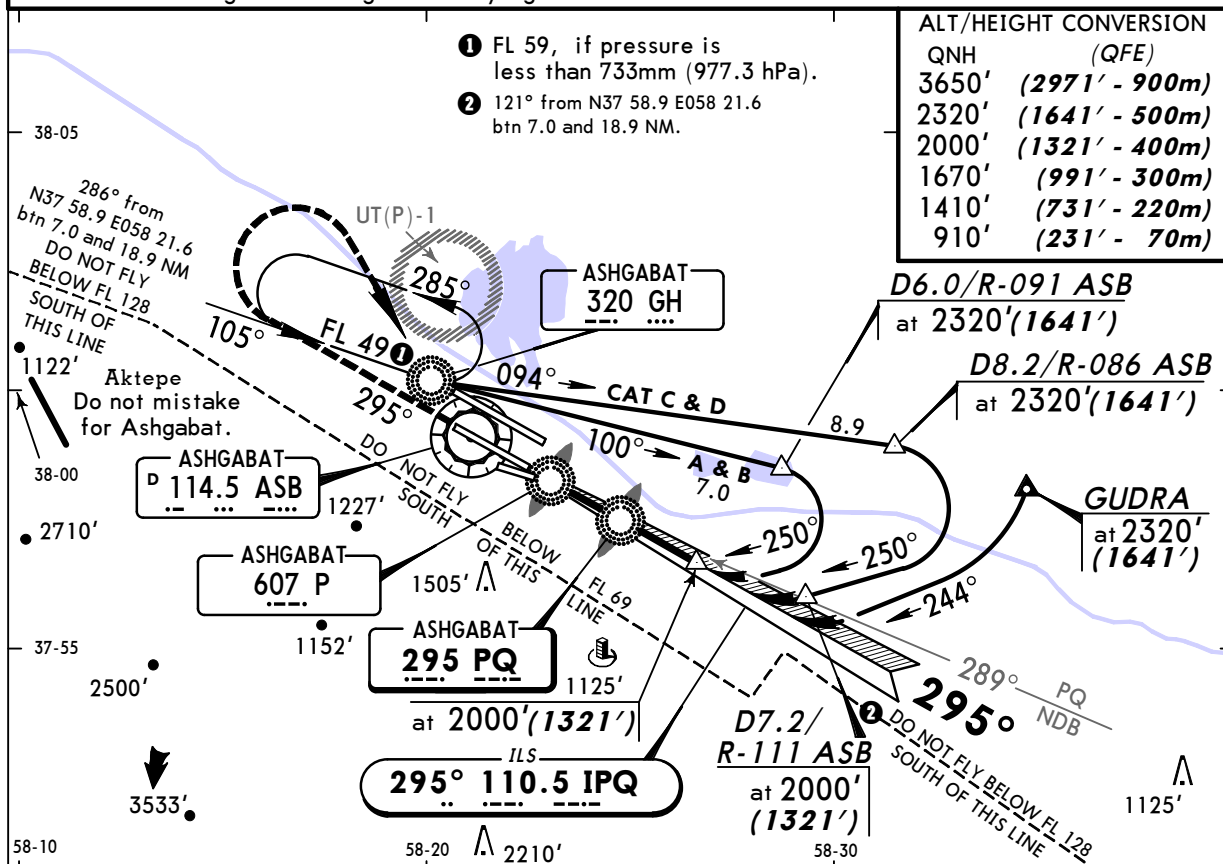
UTAA/ASB ASHGABAT

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

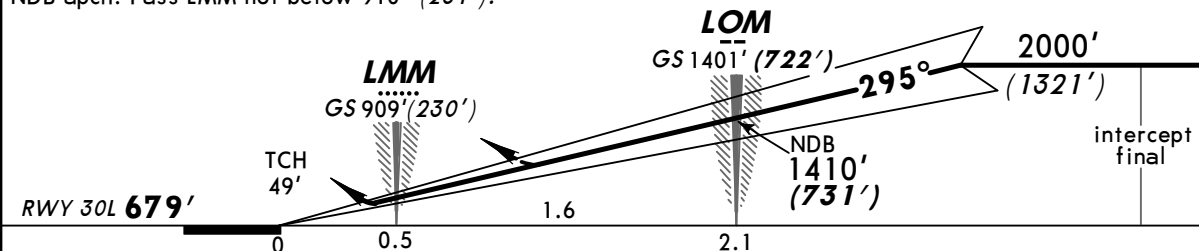
ASHGABAT, TURKMENISTAN ILS or 2 NDB Rwy 30L

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 DA(H) AB: 879' (200') CD: 1007' (328')		LOC (GS out)		NDB 1 MDA(H) 1090' (411')	
FULL	ALS out				ALS out

PANS OPS

A					
B					
C	1200m	NOT AUTHORIZED	1800m 1		
D					

1 B737: MDA(H) 1500' (821'), 4000m.

UTAA/ASB
ASHGABAT

2 MAR 07 (11-4)

JEPPESEN ASHGABAT, TURKMENISTAN
R 07 (11-4) ILS or NDB Rwy 30R

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

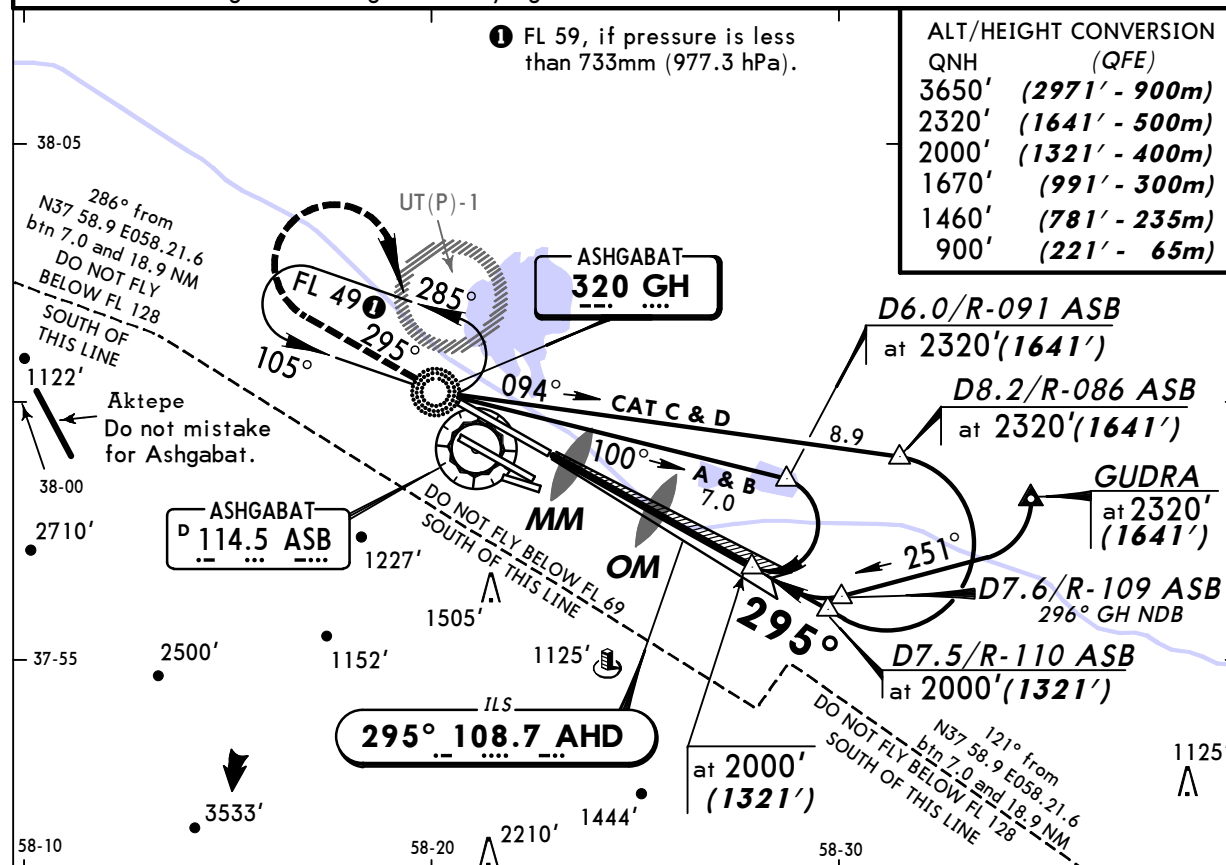
MSA
ARP

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

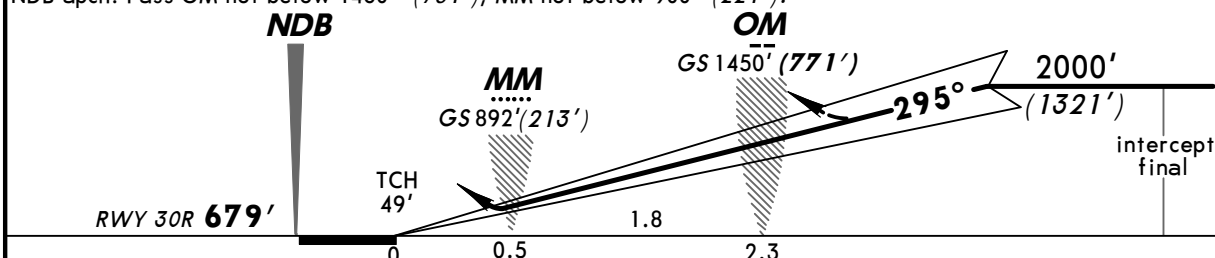
① FL 59, if pressure is less than 733mm (977.3 hPa).

ALT/HEIGHT CONVERSION

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



NDB apch: Pass OM not below 1460' (781'), MM not below 900' (221').



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

STRAIGHT-IN LANDING RWY 30R

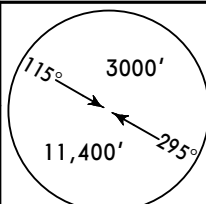
ILS DA(H) 879'(200')			LOC (GS out)	NDB I MDA(H) 1710'(1031')	
FULL		TDZ or CL out	ALS out	ALS out	
A	RVR 550m VIS 800m	RVR 720m VIS 800m	1200m	NOT AUTHORIZED	5000m
B					
C					
D					

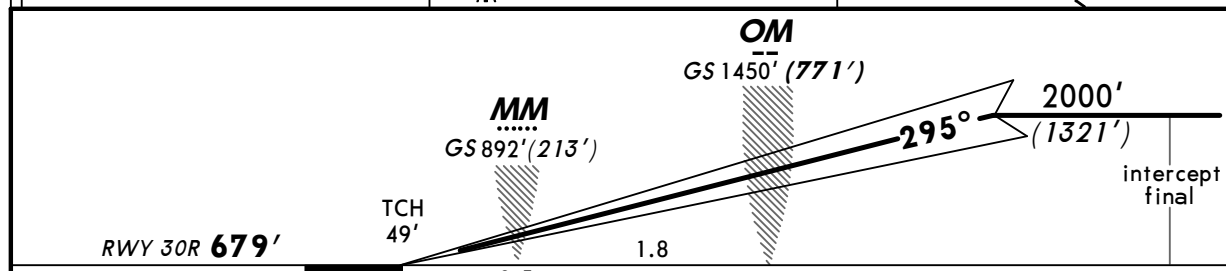
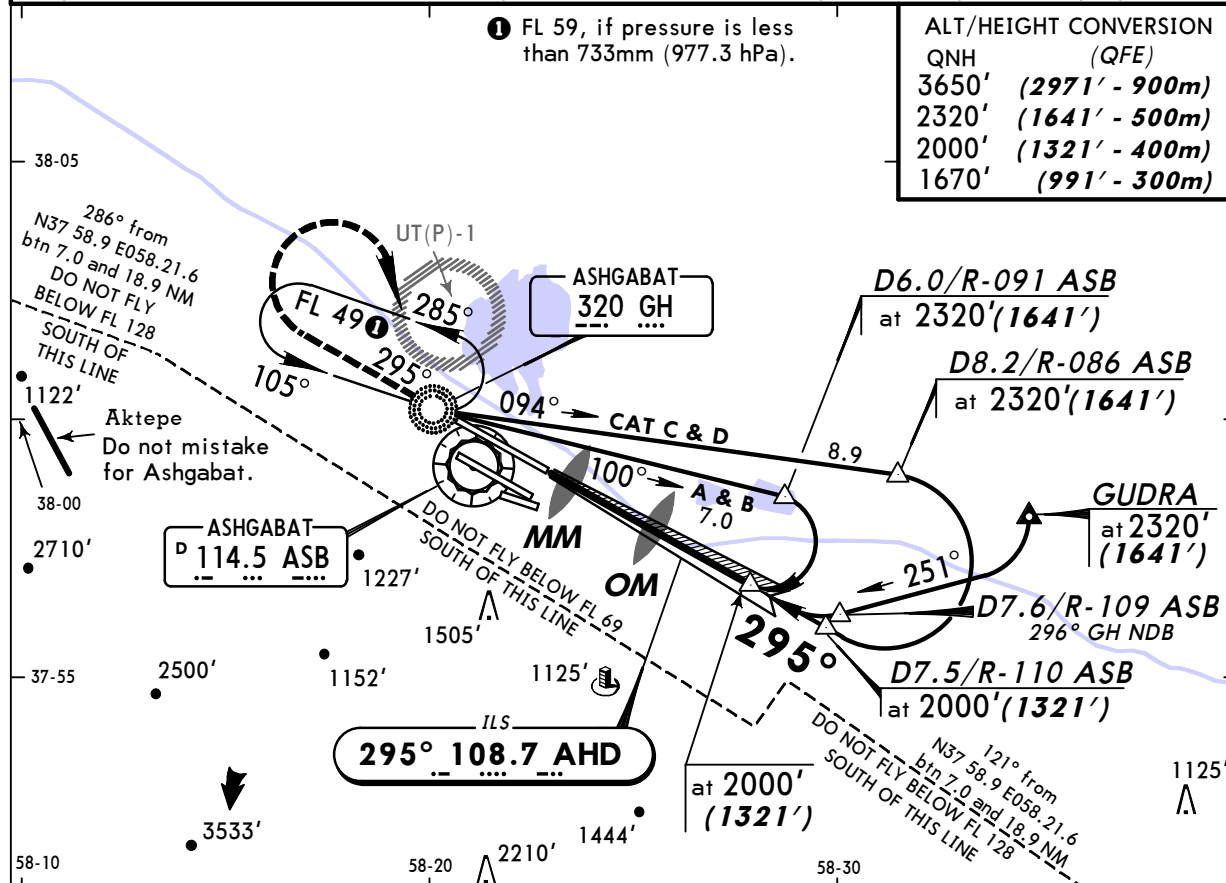
1 W/o FAF: MDA(H) 1830' (1151').

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		GH 320	
GS	3.00°	377	484	538	646	753	PAPI		1670' (991') on 295°	
									↑	
									RT	

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

RVR 350m

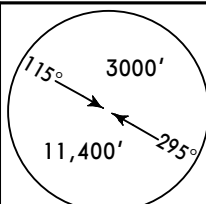
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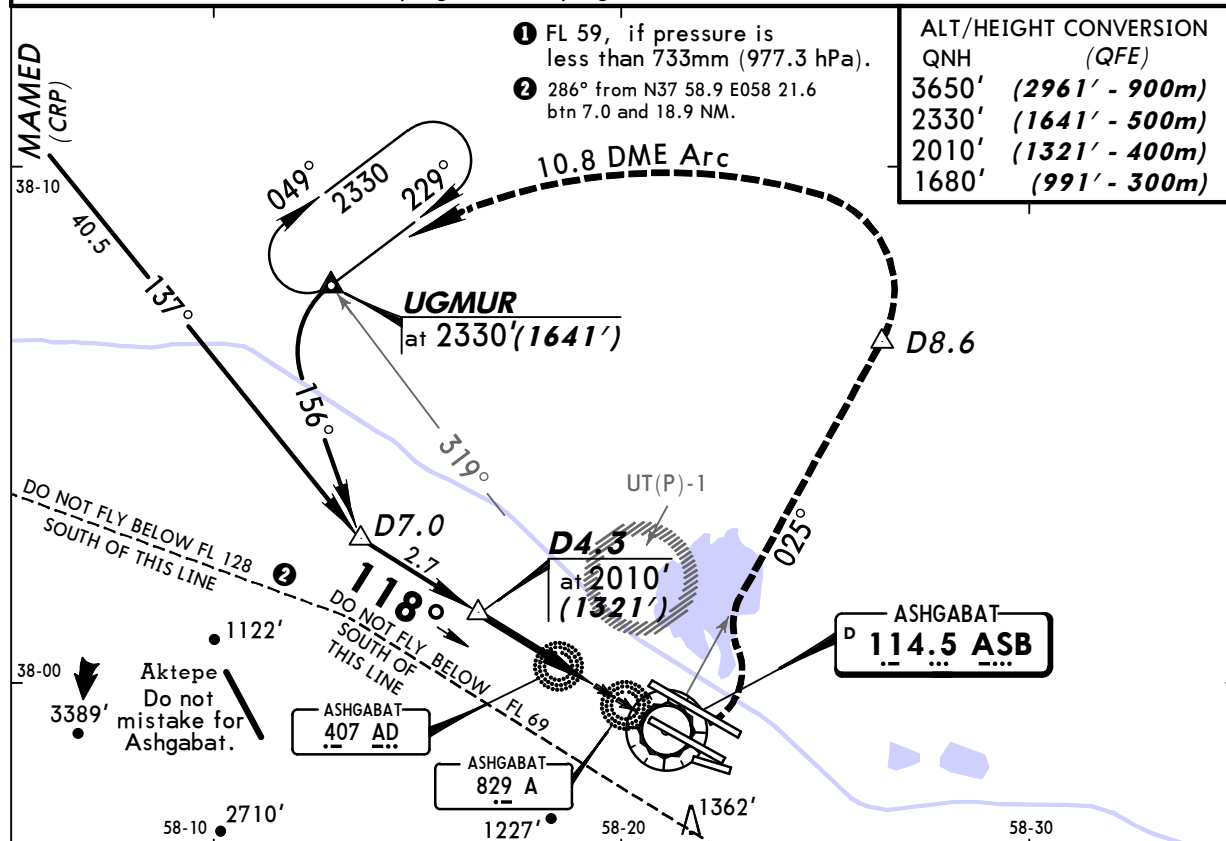
UTAA/ASB ASHGABAT

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

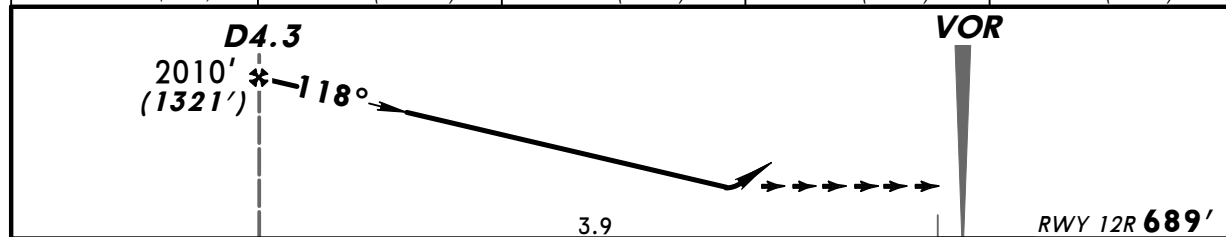
ASHGABAT, TURKMENISTAN VOR DME Rwy 12R

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			

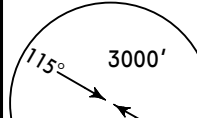
STRAIGHT-IN LANDING RWY 12R																															
MDA(H) 1100'(411') 1																															
																				ALS out											
A	1800m 1																														
B																															
C																															
D																															
1 W/o FAF: MDA(H) 1680'(991'), 5000m.																															

PANS OPS

UTAA/ASB ASHGABAT

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

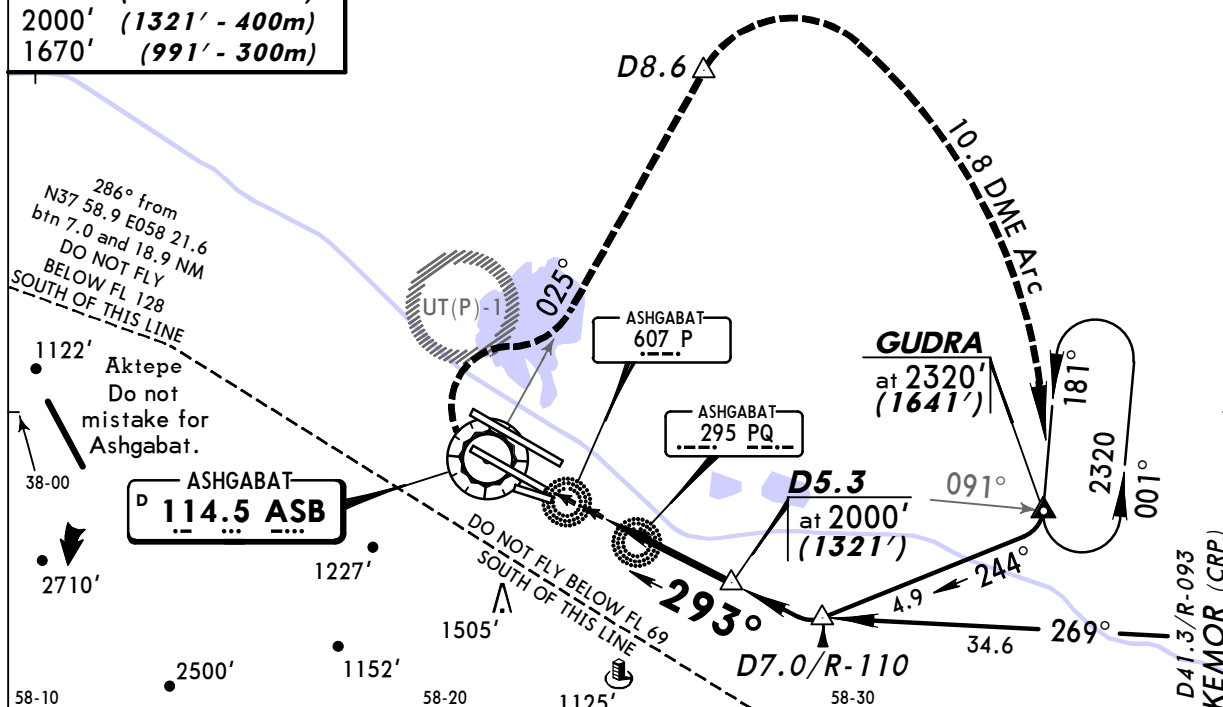
BRIEFING STRIP

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.							

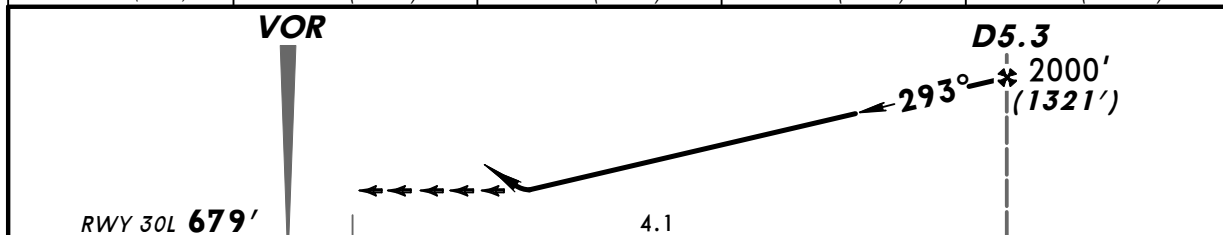
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3650'	(2971' - 900m)
2320'	(1641' - 500m)
2000'	(1321' - 400m)
1670'	(991' - 300m)

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	1800m			
B				
C				
D				

PANS OPS