

Page 1
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 UATT

General Info

Aktobe, KAZ

N 50° 14.7' E 57° 12.4' Mag Var: 9.1°E

Elevation: 738'

Public, IFR, Control Tower, Customs

Fuel: 100-130, 115-145, Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+5:00 no DST

Runway Info

Runway 13-31 10508' x 151' concrete

Runway 13 (126.0°M) TDZE 719'

Lights: Edge, ALS

Runway 31 (306.0°M) TDZE 738'

Lights: Edge, ALS

Communications InfoATIS **127.8** Non-EnglishATIS **126.0**Aktobe Tower **120.9****Notebook Info**

UATT/ AKX
AKTOBE



6 NOV 09

(10-1R)

Eff 19 Nov

AKTOBE, KAZAKHSTAN

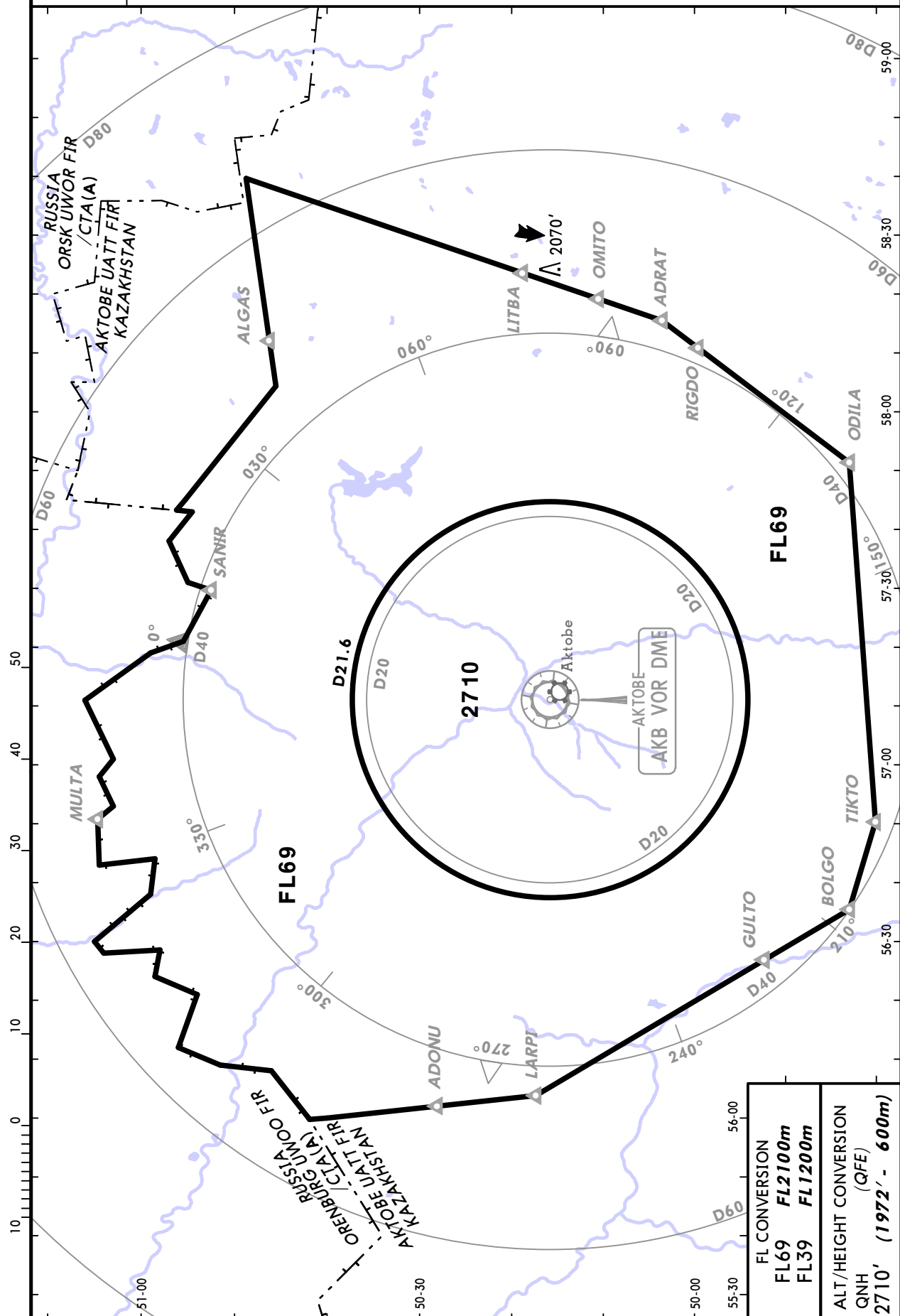
RADAR MINIMUM ALTITUDES

Apt Elev
738'

Alt Set: MM (hPa on request) QNH on request **(QFE)**Trans level: FL39 Trans alt: 2710' **(1972')**

1. Chart only to be used for cross-checking of altitudes assigned while under radar control.

2. Levels assigned by ATC include a correction for low temperature effect when necessary.



CHANGES: New chart.

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UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **10-2**

Eff 8 Apr

AKTOBE, KAZAKHSTAN

STAR

ATIS
126.0 (Russian **127.8**)

Apt Elev
738'

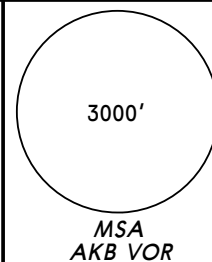
Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 2710' (**1992'**)
FL by ATC.

(QFE)

ALGAS 1K [ALGA1K], MULTA 1K [MULT1K]
SANIR 1K [SANI1K]
RWY 13 ARRIVALS

ALGAS 1L [ALGA1L], MULTA 1L [MULT1L]
SANIR 1L [SANI1L]
RWY 31 ARRIVALS

FROM NORTH & NORTHEAST
BASED ON AKB



MULTA

N51 04.7 E056 50.7



MULTA 1K, 1L
50.6

SANIR

N50 52.5 E057 29.7



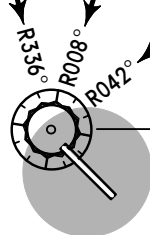
SANIR 1K, 1L
38.7

ALGAS

N50 46.2 E058 12.1



ALGAS 1K, 1L
49.5



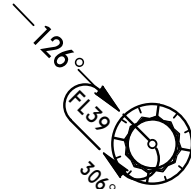
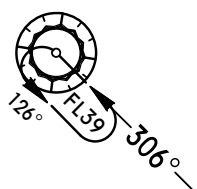
(IAF)
AKTOBE
113.4 AKB
N50 15.8 E057 11.0
At FL39



HOLDINGS OVER AKB

RWY 13

RWY 31



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
2710' (**1992' - 600m**)

UATT/AKX
AKTOBE

JEPPESSEN
26 MAR 10 **(10-2A)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN

STAR

ATIS
126.0 (Russian **127.8**)

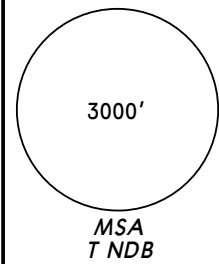
Apt Elev
738'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2710' **(1972')**
FL by ATC.

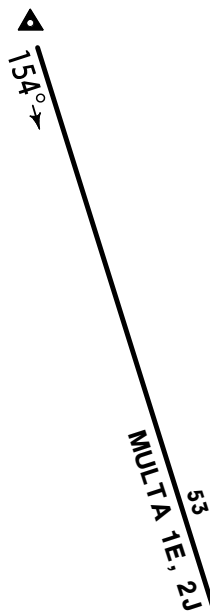
ALGAS 1E [ALGA1E], MULTA 1E [MULT1E]
SANIR 1E [SANI1E]
RWY 31 ARRIVALS

ALGAS 2J [ALGA2J], MULTA 2J [MULT2J]
SANIR 2J [SANI2J]
RWY 13 ARRIVALS

FROM NORTH & NORTHEAST
BASED ON T



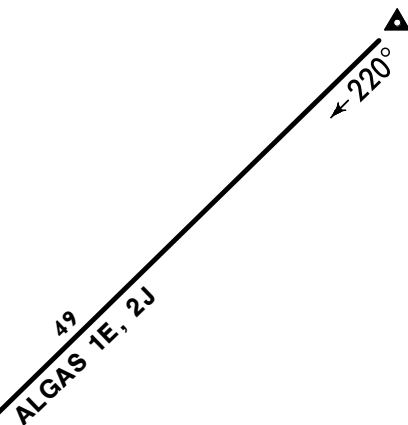
MULTA
N51 04.7 E056 50.7



SANIR
N50 52.5 E057 29.7



ALGAS
N50 46.2 E058 12.1



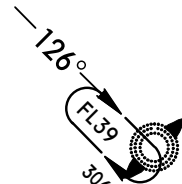
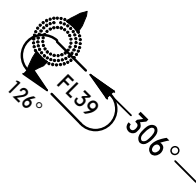
(IAF)
AKTOBE 670 T
N50 13.8 E057 13.9
At FL39



HOLDINGS OVER T

RWY 13

RWY 31



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH **(QFE)**
2710' **(1972' - 600m)**

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **(10-2B)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN

STAR

ATIS
126.0 (Russian 127.8)

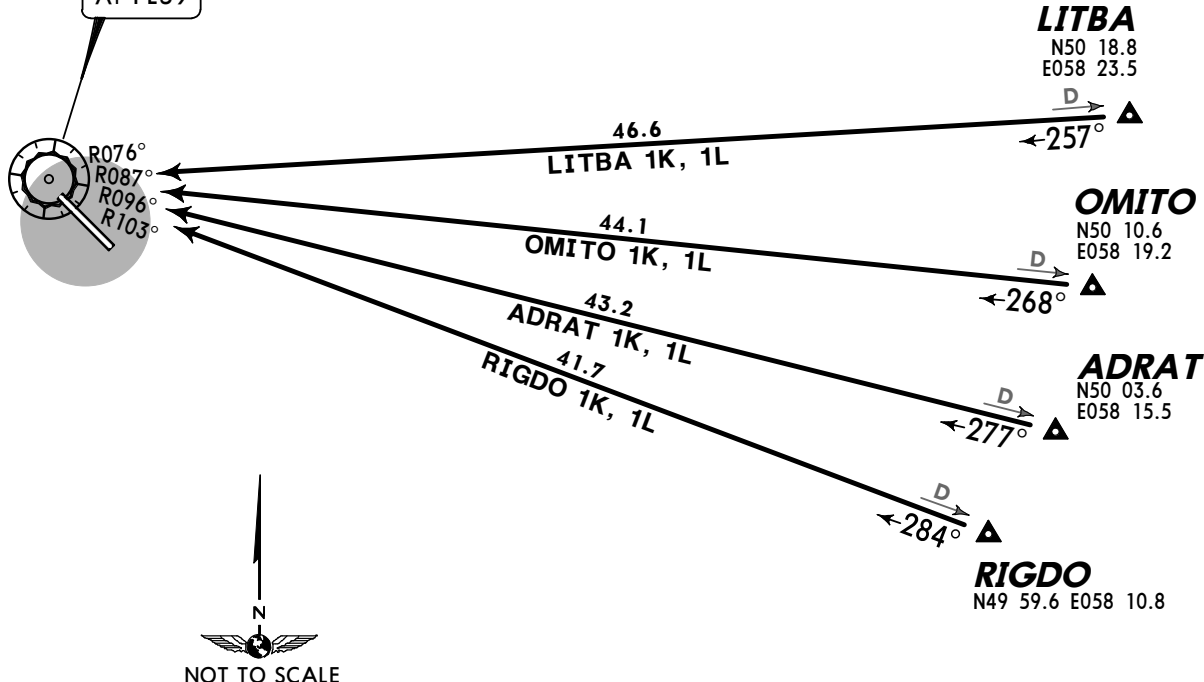
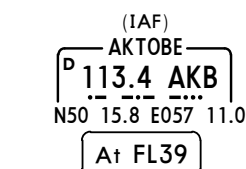
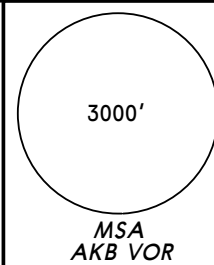
Apt Elev
738'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2710' (1992')
FL by ATC.

ADRAT 1K [ADRA1K], LITBA 1K [LITB1K]
OMITO 1K [OMIT1K], RIGDO 1K [RIGD1K]
RWY 13 ARRIVALS

ADRAT 1L [ADRA1L], LITBA 1L [LITB1L]
OMITO 1L [OMIT1L], RIGDO 1L [RIGD1L]
RWY 31 ARRIVALS

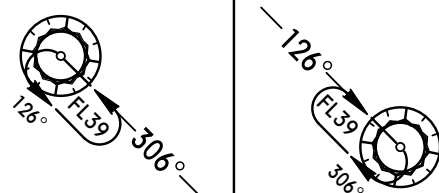
FROM EAST
BASED ON AKB



HOLDINGS OVER AKB

RWY 13

RWY 31



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
2710' (1992' - 600m)

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **(10-2C)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN

STAR

ATIS
126.0 (Russian 127.8)

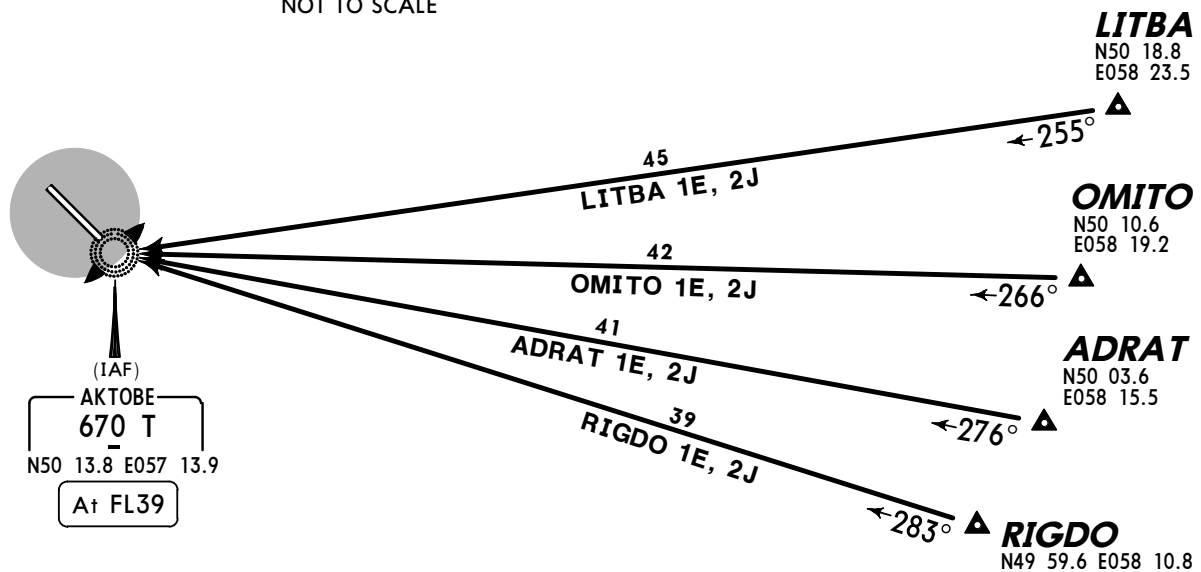
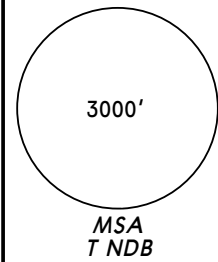
Apt Elev
738'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2710' **(1972')**
FL by ATC.

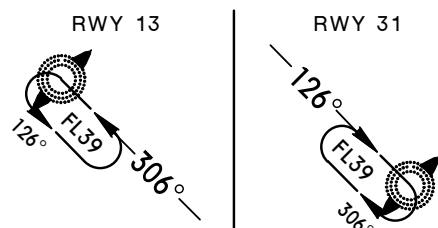
ADRAT 1E [ADRA1E], LITBA 1E [LITB1E]
OMITO 1E [OMIT1E], RIGDO 1E [RIGD1E]
RWY 31 ARRIVALS

ADRAT 2J [ADRA2J], LITBA 2J [LITB2J]
OMITO 2J [OMIT2J], RIGDO 2J [RIGD2J]
RWY 13 ARRIVALS

FROM EAST
BASED ON T



HOLDINGS OVER T



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH **(QFE)**
2710' **(1972' - 600m)**

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **(10-2D)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN

STAR

ATIS
126.0 (Russian 127.8)

Apt Elev
738'

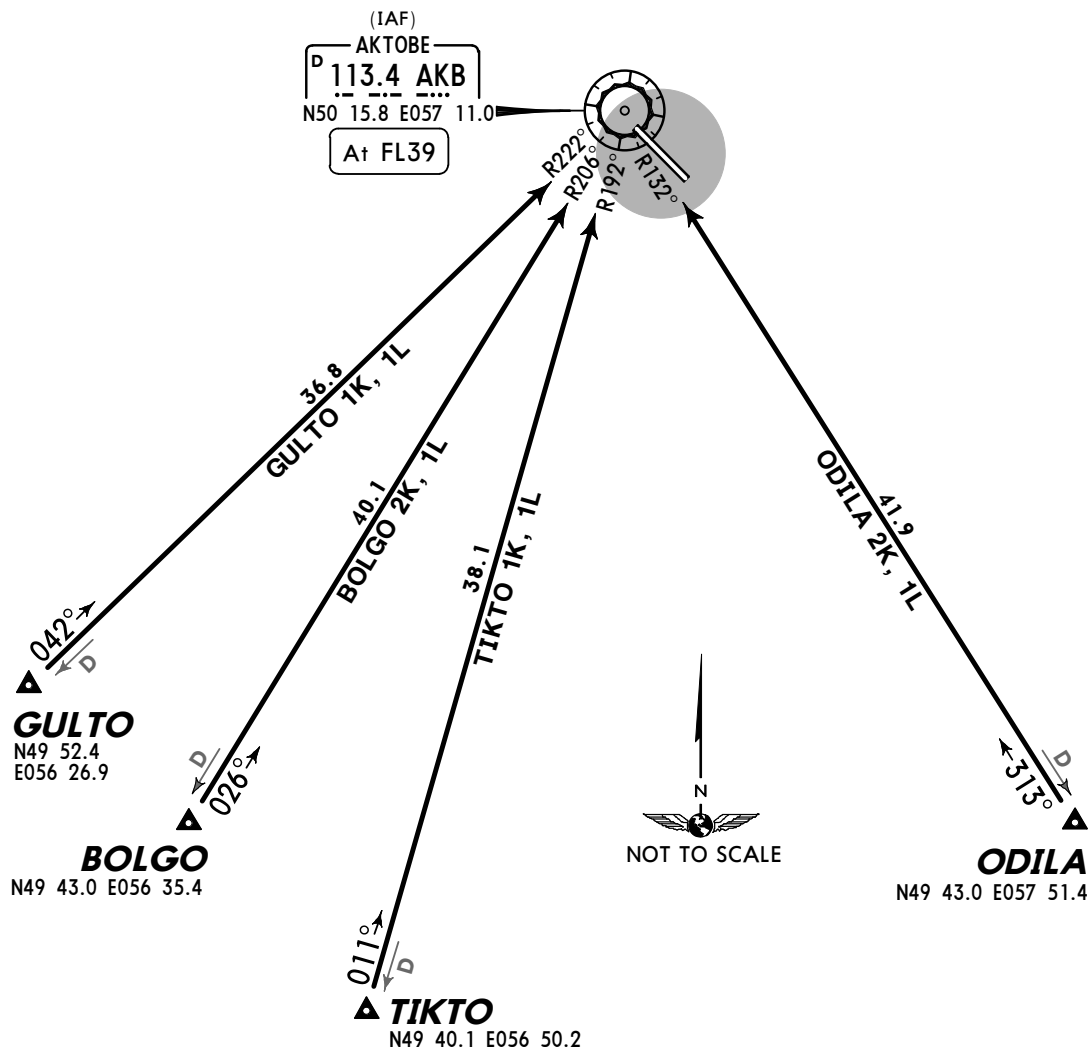
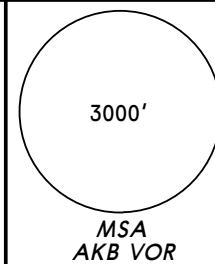
Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 2710' (**1992'**)
FL by ATC.

(QFE)

BOLGO 2K [BOLG2K], GULTO 1K [GULT1K]
ODILA 2K [ODIL2K], TIKTO 1K [TIKT1K]
RWY 13 ARRIVALS

BOLGO 1L [BOLG1L], GULTO 1L [GULT1L]
ODILA 1L [ODIL1L], TIKTO 1L [TIKT1L]
RWY 31 ARRIVALS

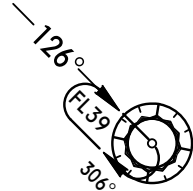
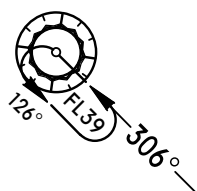
FROM SOUTH
BASED ON AKB



HOLDINGS OVER AKB

RWY 13

RWY 31



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
2710' (**1992' - 600m**)

UATT/AKX
AKTOBE

JEPPESSEN **AKTOBE, KAZAKHSTAN**
26 MAR 10 **10-2E** **Eff 8 Apr** **STAR**

ATIS
126.0 (Russian **127.8**)

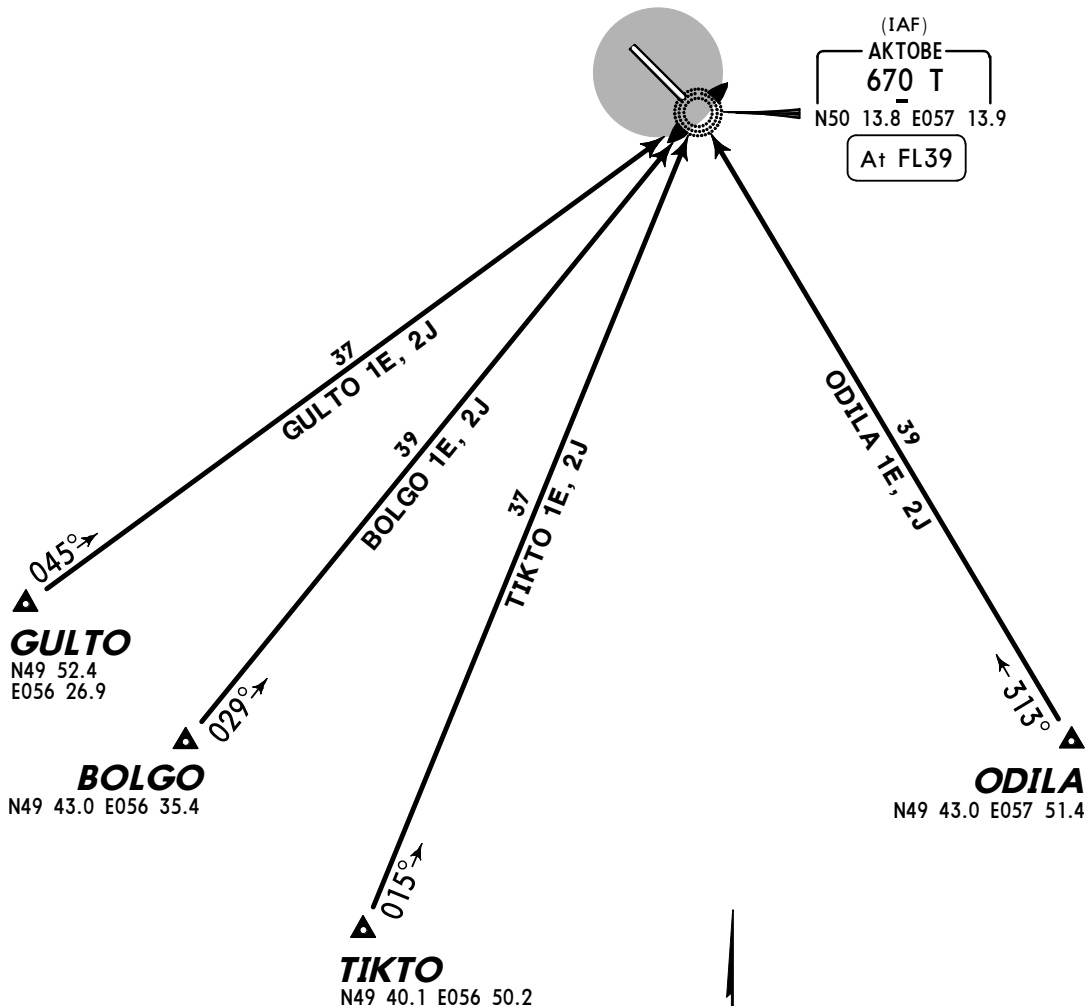
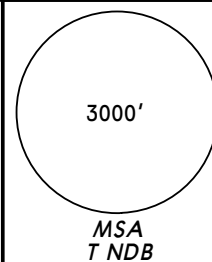
Apt Elev
738'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2710' **(1972')**
FL by ATC.

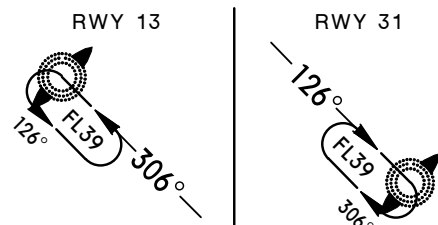
BOLGO 1E [BOLG1E], GULTO 1E [GULT1E]
ODILA 1E [ODIL1E], TIKTO 1E [TIKT1E]
RWY 31 ARRIVALS

BOLGO 2J [BOLG2J], GULTO 2J [GULT2J]
ODILA 2J [ODIL2J], TIKTO 2J [TIKT2J]
RWY 13 ARRIVALS

FROM SOUTH
BASED ON T



HOLDINGS OVER T



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH **(QFE)**
2710' **(1972' - 600m)**

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **10-2F** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN

STAR

ATIS
126.0 (Russian **127.8**)

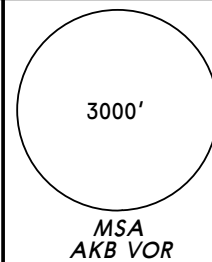
Apt Elev
738'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2710' **(1992')**
FL by ATC.

ADONU 1K [ADON1K]
LARPI 1K [LARP1K]
RWY 13 ARRIVALS

ADONU 1L [ADON1L]
LARPI 1L [LARP1L]
RWY 31 ARRIVALS

FROM WEST
BASED ON AKB



ADONU
N50 28.1 E056 02.0



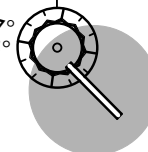
45.9
ADONU 1K, 1L

LARPI
N50 17.4 E056 03.8



43.2
LARPI 1K, 1L

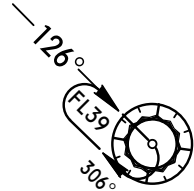
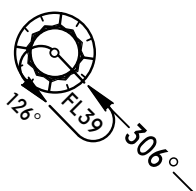
(IAF)
AKTOBE
P 113.4 AKB
N50 15.8 E057 11.0
At FL39



HOLDINGS OVER AKB

RWY 13

RWY 31



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH **(QFE)**
2710' **(1992' - 600m)**

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **(10-2G)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN

STAR

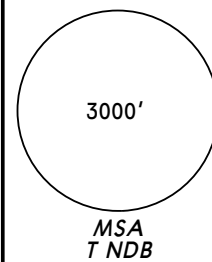
ATIS
126.0 (Russian 127.8)

Apt Elev
738'

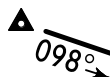
Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2710' **(1972')**
FL by ATC.

ADONU 1E [ADON1E]
LARPI 1E [LARP1E]
RWY 31 ARRIVALS
ADONU 2J [ADON2J]
LARPI 2J [LARP2J]
RWY 13 ARRIVALS

FROM WEST
BASED ON T



ADONU
N50 28.1 E056 02.0



48
ADONU 1E, 2J

LARPI
N50 17.4 E056 03.8



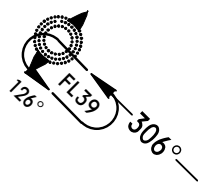
45
LARPI 1E, 2J

(IAF)
AKTOBE
670 T
N50 13.8 E057 13.9
At FL39



HOLDINGS OVER T

RWY 13



RWY 31



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH **(QFE)**
2710' **(1972' - 600m)**

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **10-3** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN

SID

Apt Elev
738'

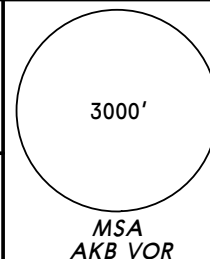
QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2710' **(1991')**

1. Turn speed: MAX 225 KT.

2. Noise abatement procedures should be applied during take-off.

3. FL by ATC.



ALGAS 1C [ALGA1C]
MULTA 1C [MULT1C]
SANIR 1C [SANI1C]
RWY 13 DEPARTURES
TO NORTH & NORTHEAST

MULTA
N51 04.7 E056 50.7

SANIR
N50 52.5 E057 29.7

ALGAS
N50 46.2 E058 12.1

AKTOBE
D 113.4 AKB
N50 15.8 E057 11.0



At 2040'
(1321')



ALT/HEIGHT CONVERSION
QNH **(QFE)**
2040' **(1321' - 400m)**
2710' **(1991' - 600m)**

FL CONVERSION
FL39 **FL1200m**

SID	ROUTING
ALGAS 1C	Climb straight ahead to 2040' (1321') , turn LEFT, 030° track to ALGAS.
MULTA 1C	Climb straight ahead to 2040' (1321') , turn LEFT, 328° track to MULTA.
SANIR 1C	Climb straight ahead to 2040' (1321') , turn LEFT, 359° track to SANIR.

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **(10-3A)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN

SID

Apt Elev
738'

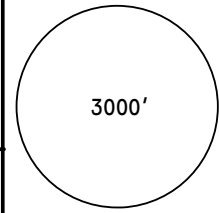
QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2710' **(1972')**

1. Turn speed: MAX 225 KT.

2. Noise abatement procedures should be applied during take-off.

3. FL by ATC.



MSA
AKB VOR

ALGAS 1D [ALGA1D]
MULTA 1D [MULT1D]
SANIR 1D [SANI1D]
RWY 31 DEPARTURES
TO NORTH & NORTHEAST

MULTA

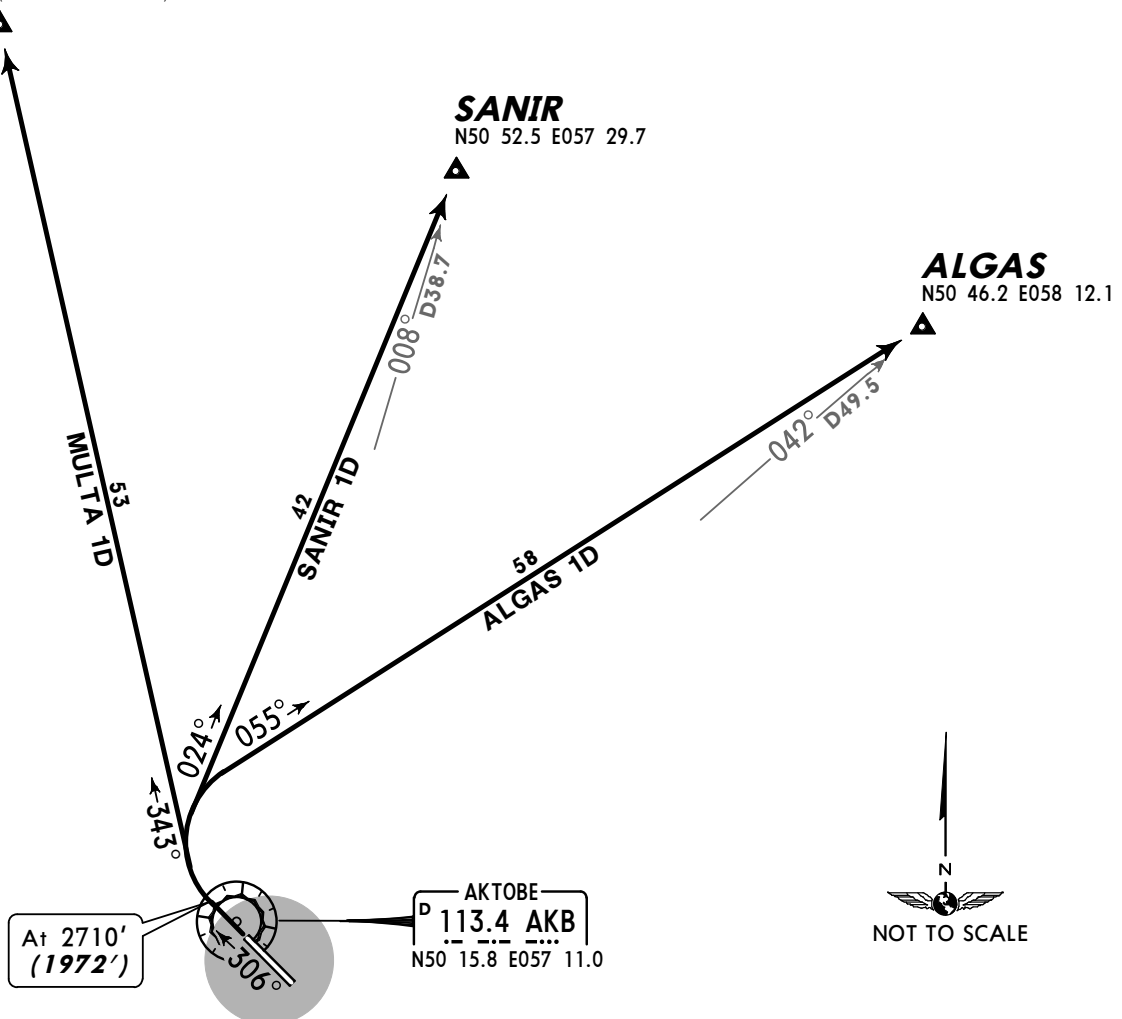
N51 04.7 E056 50.7
(AKB R-336/D50.6)

SANIR

N50 52.5 E057 29.7

ALGAS

N50 46.2 E058 12.1



ALT/HEIGHT CONVERSION

QNH **(QFE)**

2710' **(1972' - 600m)**

FL CONVERSION

FL39 **FL1200m**

SID	ROUTING
ALGAS 1D	Climb straight ahead to 2710' (1972') , turn RIGHT, 055° track to ALGAS.
MULTA 1D	Climb straight ahead to 2710' (1972') , turn RIGHT, 343° track to MULTA.
SANIR 1D	Climb straight ahead to 2710' (1972') , turn RIGHT, 024° track to SANIR.

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **(10-3B)**

Eff 8 Apr

AKTOBE, KAZAKHSTAN

SID

Apt Elev
738'

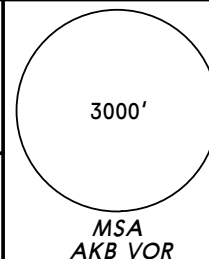
QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2710' **(1991')**

1. Turn speed: MAX 225 KT.

2. Noise abatement procedures should be applied during take-off.

3. FL by ATC.

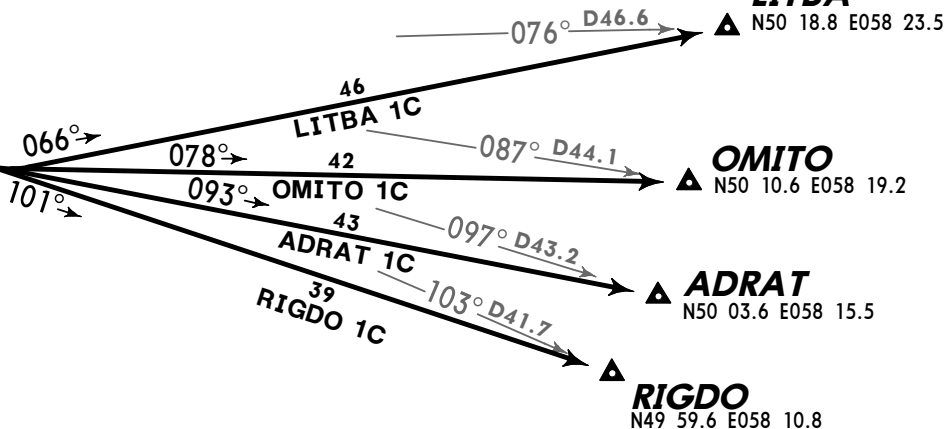


ADRAT 1C [ADRA1C]
LITBA 1C [LITB1C]
OMITO 1C [OMIT1C]
RIGDO 1C [RIGD1C]
RWY 13 DEPARTURES
TO EAST

AKTOBE
P 113.4 AKB
N50 15.8 E057 11.0



At 2040'
(1321')



NOT TO SCALE

ALT/HEIGHT CONVERSION
QNH **(QFE)**
2040' **(1321' - 400m)**
2710' **(1991' - 600m)**

FL CONVERSION
FL39 **FL1200m**

SID	ROUTING
ADRAT 1C	Climb straight ahead to 2040' (1321') , turn LEFT, 093° track to ADRAT.
LITBA 1C	Climb straight ahead to 2040' (1321') , turn LEFT, 066° track to LITBA.
OMITO 1C	Climb straight ahead to 2040' (1321') , turn LEFT, 078° track to OMITO.
RIGDO 1C	Climb straight ahead to 2040' (1321') , turn LEFT, 101° track to RIGDO

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **(10-3C)**

Eff 8 Apr

AKTOBE, KAZAKHSTAN

SID

Apt Elev
738'

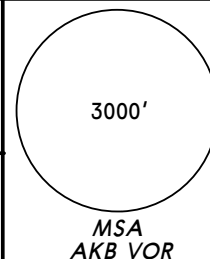
QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2710' **(1972')**

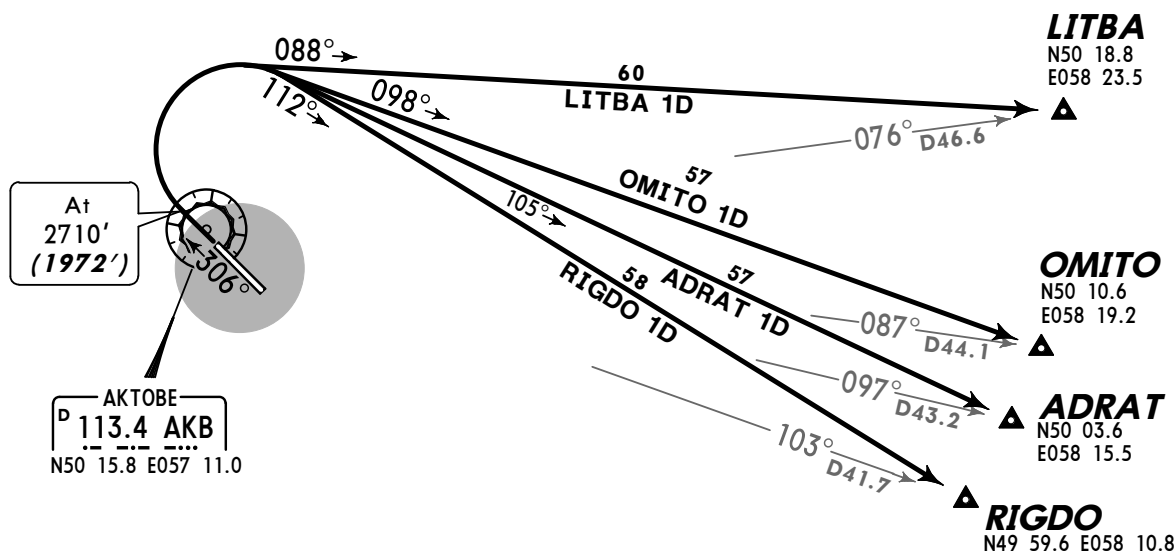
1. Turn speed: MAX 225 KT.

2. Noise abatement procedures should be applied during take-off.

3. FL by ATC.



ADRAT 1D [ADRA1D]
LITBA 1D [LITB1D]
OMITO 1D [OMIT1D]
RIGDO 1D [RIGD1D]
RWY 31 DEPARTURES
TO EAST



ALT/HEIGHT CONVERSION
QNH **(QFE)**
2710' **(1972' - 600m)**

FL CONVERSION
FL39 **FL1200m**

SID	ROUTING
ADRAT 1D	Climb straight ahead to 2710' (1972') , turn RIGHT, 105° track to ADRAT.
LITBA 1D	Climb straight ahead to 2710' (1972') , turn RIGHT, 088° track to LITBA.
OMITO 1D	Climb straight ahead to 2710' (1972') , turn RIGHT, 098° track to OMITO.
RIGDO 1D	Climb straight ahead to 2710' (1972') , turn RIGHT, 112° track to RIGDO

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **10-3D**

Eff 8 Apr

AKTOBE, KAZAKHSTAN

SID

Apt Elev
738'

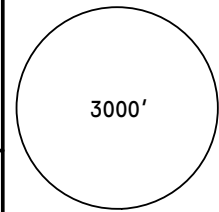
QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2710' **(1991')**

1. Turn speed: MAX 225 KT.

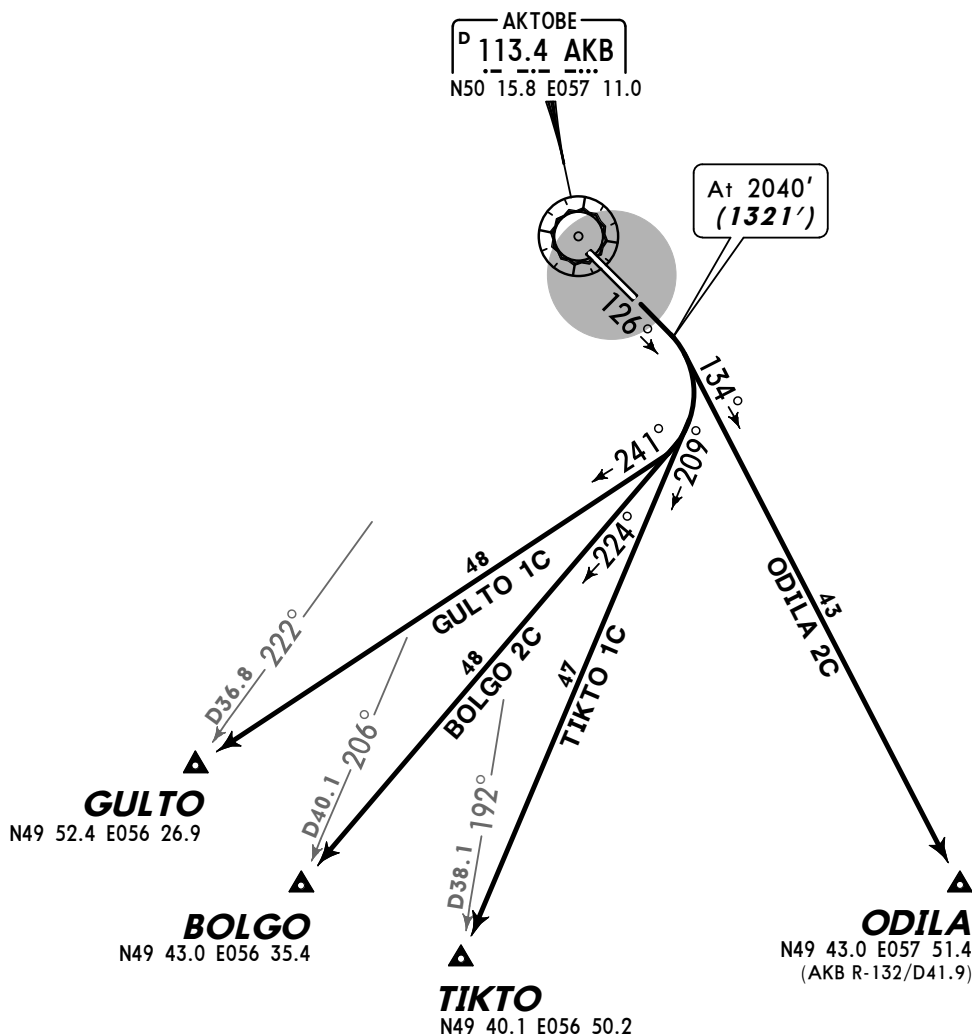
2. Noise abatement procedures should be applied during take-off.

3. FL by ATC.



MSA
AKB VOR

BOLGO 2C [BOLG2C]
GULTO 1C [GULT1C]
ODILA 2C [ODIL2C]
TIKTO 1C [TIKT1C]
RWY 13 DEPARTURES
TO SOUTH



NOT TO SCALE

ALT/HEIGHT CONVERSION

QNH **(QFE)**

2040' **(1321' - 400m)**

2710' **(1991' - 600m)**

FL CONVERSION

FL39 **FL 1200m**

SID	ROUTING
BOLGO 2C	Climb straight ahead to 2040' (1321') , turn RIGHT, 224° track to BOLGO.
GULTO 1C	Climb straight ahead to 2040' (1321') , turn RIGHT, 241° track to GULTO.
ODILA 2C	Climb straight ahead to 2040' (1321') , turn RIGHT, 134° track to ODILA.
TIKTO 1C	Climb straight ahead to 2040' (1321') , turn RIGHT, 209° track to TIKTO.

UATT/AKX
AKTOBE

JEPPESSEN
26 MAR 10 **10-3E** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN

SID

Apt Elev
738'

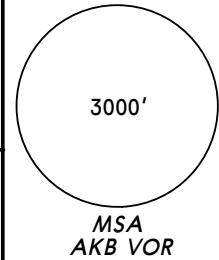
QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2710' **(1972')**

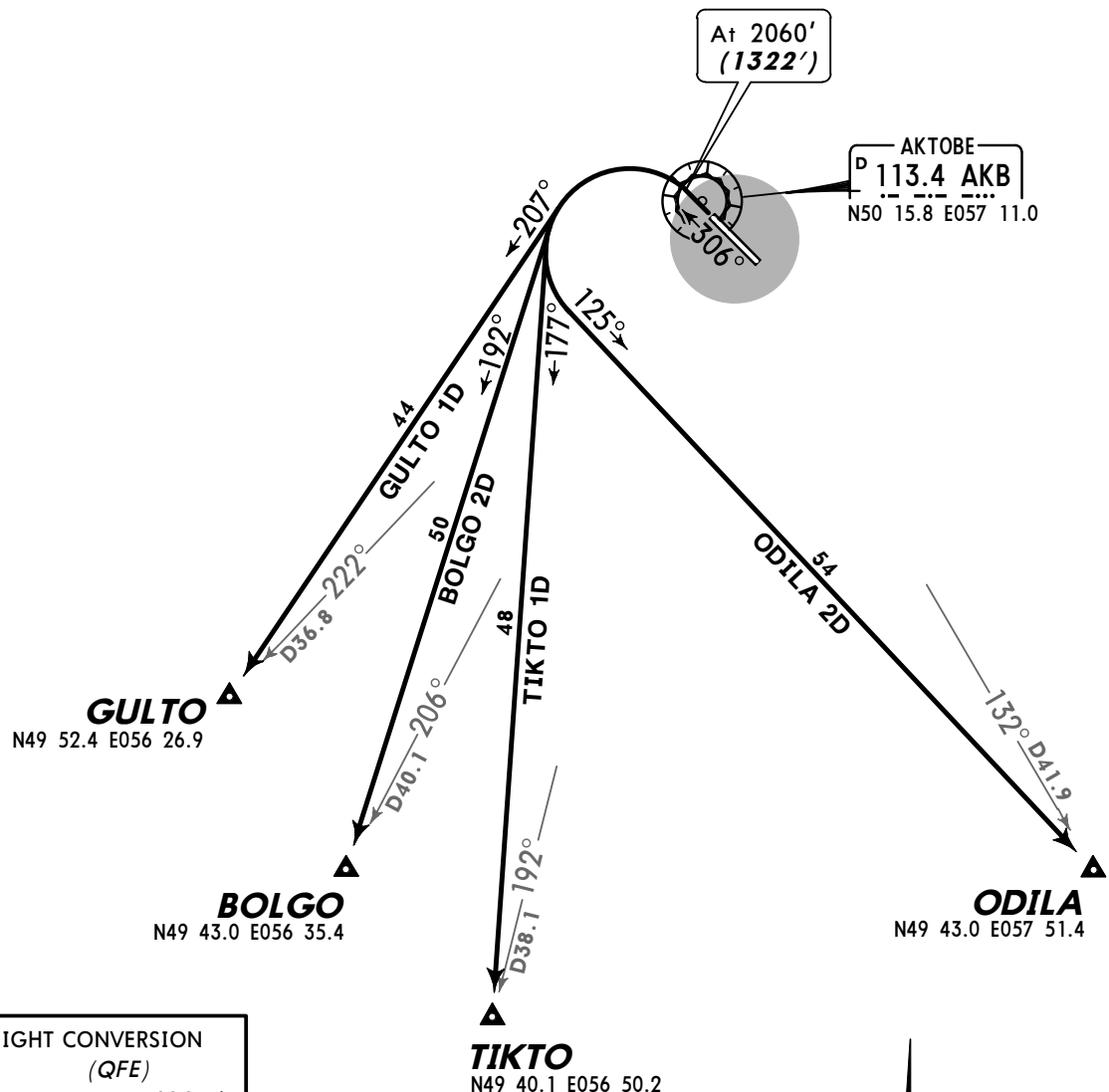
1. Turn speed: MAX 225 KT.

2. Noise abatement procedures should be applied during take-off.

3. FL by ATC.



BOLGO 2D [BOLG2D]
GULTO 1D [GULT1D]
ODILA 2D [ODIL2D]
TIKTO 1D [TIKT1D]
RWY 31 DEPARTURES
TO SOUTH



ALT/HEIGHT CONVERSION
QNH (QFE)
2060' (1322' - 400m)
2710' (1972' - 600m)

FL CONVERSION
FL39 **FL1200m**



SID	ROUTING
BOLGO 2D	Climb straight ahead to 2060' (1322') , turn LEFT, 192° track to BOLGO.
GULTO 1D	Climb straight ahead to 2060' (1322') , turn LEFT, 207° track to GULTO.
ODILA 2D	Climb straight ahead to 2060' (1322') , turn LEFT, 125° track to ODILA.
TIKTO 1D	Climb straight ahead to 2060' (1322') , turn LEFT, 177° track to TIKTO.

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **10-3F**

Eff 8 Apr

AKTOBE, KAZAKHSTAN

SID

Apt Elev
738'

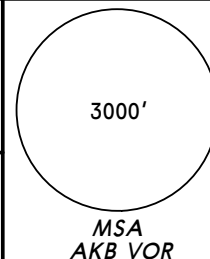
QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2710' **(1991')**

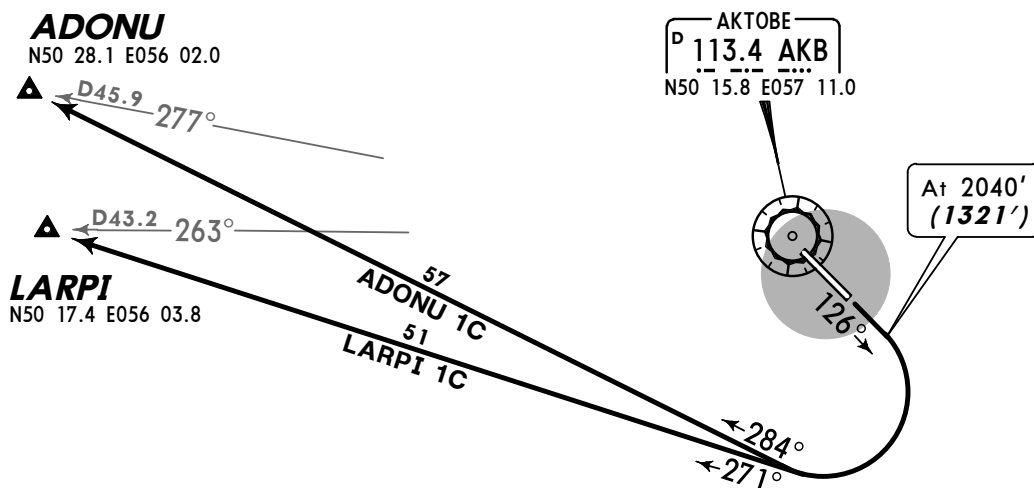
1. Turn speed: MAX 225 KT.

2. Noise abatement procedures should be applied during take-off.

3. FL by ATC.



ADONU 1C [ADON1C]
LARPI 1C [LARP1C]
RWY 13 DEPARTURES
TO WEST



ALT/HEIGHT CONVERSION
QNH **(QFE)**
2040' **(1321' - 400m)**
2710' **(1991' - 600m)**

FL CONVERSION
FL39 **FL 1200m**

SID	ROUTING
ADONU 1C	Climb straight ahead to 2040' (1321') , turn RIGHT, 284° track to ADONU.
LARPI 1C	Climb straight ahead to 2040' (1321') , turn RIGHT, 271° track to LARPI.

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **(10-3G)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN

SID

Apt Elev
738'

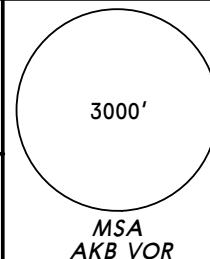
QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2710' **(1972')**

1. Turn speed: MAX 225 KT.

2. Noise abatement procedures should be applied during take-off.

3. FL by ATC.



ADONU 1D [ADON1D]
LARPI 1D [LARP1D]
RWY 31 DEPARTURES
TO WEST

ADONU

N50 28.1 E056 02.0
(AKB R-277/D45.9)



LARPI

N50 17.4 E056 03.8
(AKB R-263/D43.2)



47
ADONU 1D
45
LARPI 1D

A+ 2060'
(1322')

←272°
←256°

AKTOBE
D 113.4 AKB
N50 15.8 E057 11.0

ALT/HEIGHT CONVERSION

QNH (QFE)

2060' **(1322' - 400m)**

2710' **(1972' - 600m)**

FL CONVERSION

FL39 **FL1200m**



SID

ROUTING

ADONU 1D

Climb straight ahead to 2060' **(1322')**, turn LEFT, 272° track to ADONU.

LARPI 1D

Climb straight ahead to 2060' **(1322')**, turn LEFT, 256° track to LARPI.

UATT/AKX

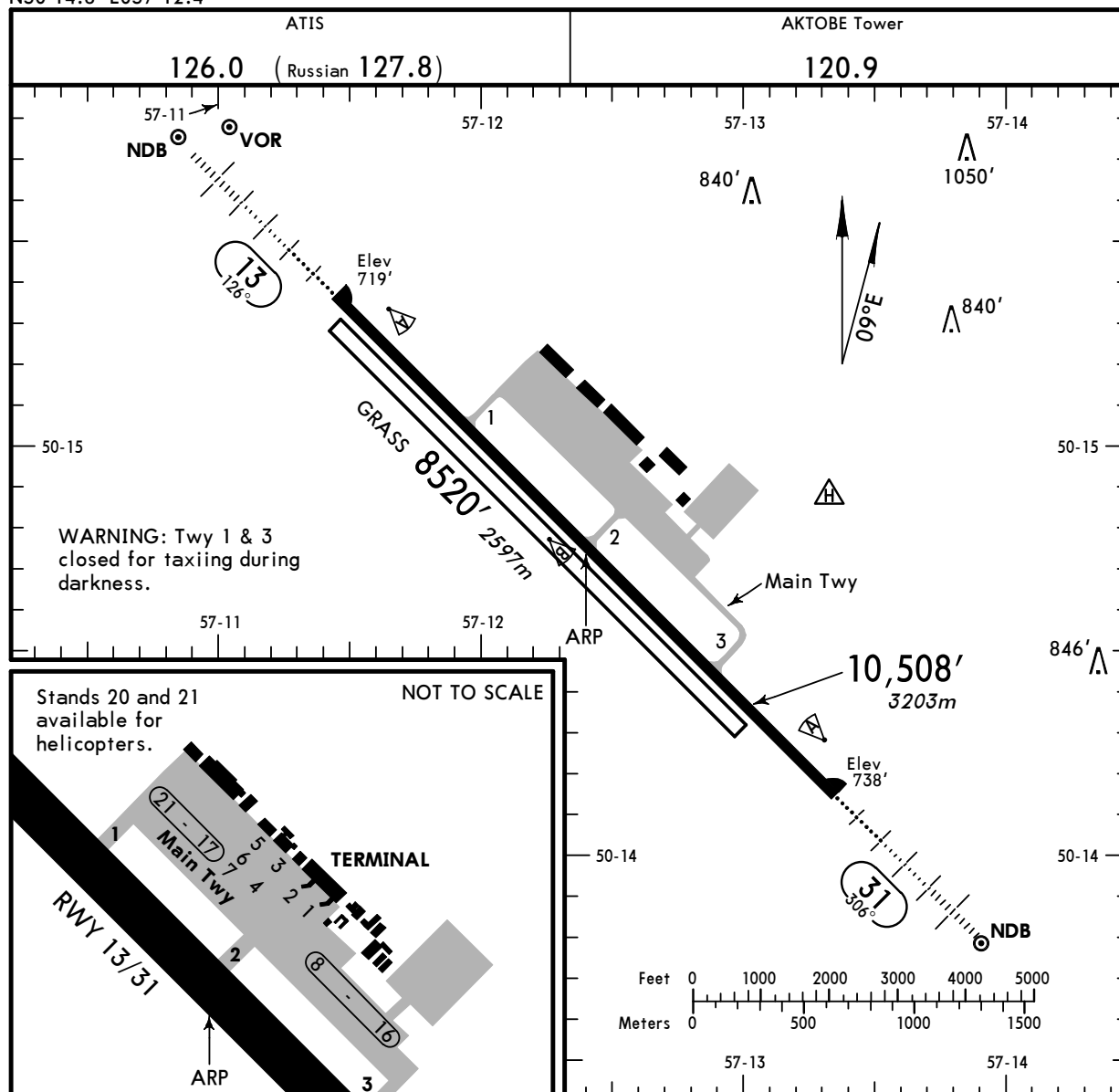
Apt Elev **738'**
N50 14.8 E057 12.4

JEPPESEN

6 NOV 09 **(10-9)** Eff 19 Nov

AKTOBE, KAZAKHSTAN

AKTOBE



ADDITIONAL RUNWAY INFORMATION

RWY					USABLE LENGTHS		TAKE-OFF	WIDTH
					Threshold	Landing Beyond		
13	31	HIRL (60m) HIALS PAPI-L (angle 3.17°)	RVR			9475' 2888m 9293' 2832m		151' 46m
13	31	Grass runway						246' 75m

TAKE-OFF

AIR CARRIER (JAA)
All Rwys

	DAY		NIGHT
	RL	RCLM	RL
A			
B		400m 1	400m 1
C	400m 1		
D		500m	400m

1 LVP must be in force: 300m.

CHANGES: None.

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UATT/AKX

JEPPESEN
 26 MAR 10
 Eff 8 Apr **10-9S**
Standard
AKTOBE, KAZAKHSTAN
AKTOBE

STRAIGHT-IN RWY		A	B	C	D
13	ILS	919' (200')	919' (200')	919' (200')	919' (200')
		800m	800m	800m	800m
	<i>ALS out</i>	1200m	1200m	1200m	1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR ①	1380' (661')	1380' (661')	1710' (991')	1710' (991')
		3000m	3000m	5000m	5000m
	NDB	1400' (681')	1400' (681')	1710' (991')	1710' (991')
		3000m	3000m	5000m	5000m
31	ILS	938' (200')	938' (200')	938' (200')	938' (200')
		800m	800m	800m	800m
	<i>ALS out</i>	1200m	1200m	1200m	1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR ①	1400' (662')	1400' (662')	1730' (992')	1730' (992')
		3000m	3000m	5000m	5000m
	2 NDB ①②③	1140' (402')	1140' (402')	1140' (402')	1140' (402')
		1800m	1800m	1800m	1800m
	<i>ALS out</i>	1800m	1800m	1900m	1900m
	2 NDB ②④	1140' (402')	1140' (402')	1140' (402')	1140' (402')
		1800m	1800m	1800m	1800m
	<i>ALS out</i>	2100m	2100m	2300m	2300m
	2 NDB ①③⑤	1170' (432')	1170' (432')	1170' (432')	1170' (432')
		1800m	1800m	1800m	1800m
	<i>ALS out</i>	1800m	1800m	2000m	2000m
	2 NDB ④⑥	1170' (432')	1170' (432')	1170' (432')	1170' (432')
		1800m	1800m	1800m	1800m
	<i>ALS out</i>	2200m	2200m	2400m	2400m

① Continuous Descent Final Approach.**②** With LOM.**③** With FMS.**④** W/o FMS.**⑤** W/o LOM.**TAKE-OFF RWY 13, 31**

DAY			NIGHT
RL	RCLM	NIL	RL
A B C D 400m ⑥	400m ⑥	500m	400m ⑥
	500m		400m

⑥ LVP must be in force: 300m.

UATT/AKX
JAA MINIMUMS
AKTOBE, KAZAKHSTAN
AKTOBE

STRAIGHT-IN RWY		A	B	C	D
13	ILS	919' (200')	919' (200')	919' (200')	919' (200')
		800m	800m	800m	800m
	<i>ALS out</i>	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR	1380' (661')	1380' (661')	1710' (991')	1710' (991')
31		3000m	3000m	5000m	5000m
	NDB	1400' (681')	1400' (681')	1710' (991')	1710' (991')
		3000m	3000m	5000m	5000m
	ILS	938' (200')	938' (200')	938' (200')	938' (200')
		800m	800m	800m	800m
	<i>ALS out</i>	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR	1400' (662')	1400' (662')	1730' (992')	1730' (992')
		3000m	3000m	5000m	5000m
	2 NDB ❶	1140' (402')	1140' (402')	1140' (402')	1140' (402')
		1800m	1800m	1800m	1800m
	<i>ALS out</i>	1800m	1800m	1800m	2000m
	2 NDB ❷	1170' (432')	1170' (432')	1170' (432')	1170' (432')
		1800m	1800m	1800m	1800m
	<i>ALS out</i>	1800m	1800m	1800m	2000m

❶ With LOM.

❷ W/o LOM.

TAKE-OFF RWY 13, 31

DAY			NIGHT
RL	RCLM	NIL	RL
A B C D	400m ❸	500m	400m ❸
			400m
	500m		

❸ LVP must be in force: 300m.

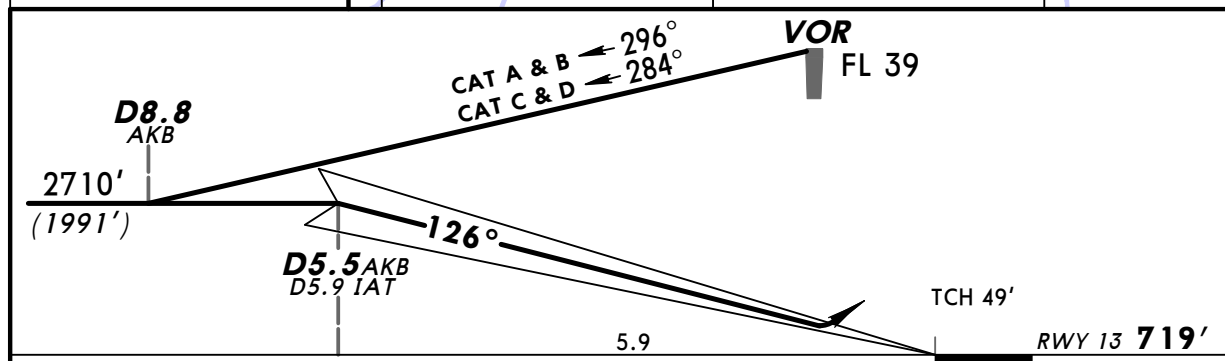
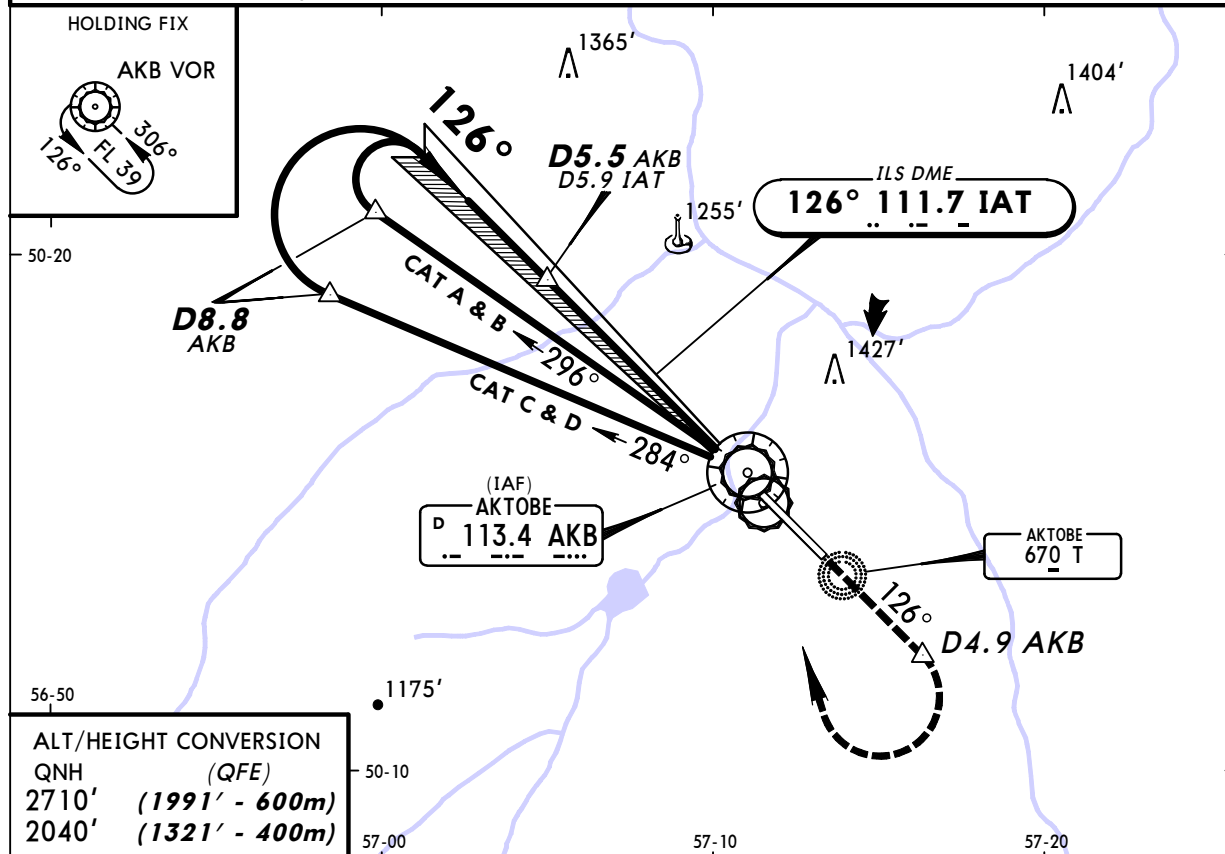
UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **(11-1)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN
ILS DME Z Rwy 13

BRIEFING STRIP

126.0 (ATIS (Russian 127.8))		AKTOBE Tower 120.9			3000' MSA AKB VOR
LOC IAT 111.7	Final Apch Crs 126°	GS D5.5 AKB 2710'(1991')	ILS DA(H) 919'(200')	Apt Elev 738' RWY 719'	
MISSED APCH: Climb on 126° to 2040'(1321') or above outbound to D4.9 AKB, then turn RIGHT (MAX 225 KT) to VOR. Climb initially to 2710'(1991'), then as directed.					
MISSED APCH WITH COMM FAILURE: Climb to FL 39 to VOR and hold.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2710'(1991')					
ILS DME reads zero at rwy 13 threshold.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS	2040' (1321') or above on	126°	D4.9 AKB
GS 3.00°	377	484	538	646	753	861	PAPI			

STRAIGHT-IN LANDING RWY 13			LOC (GS out)		
ILS					
DA(H) 919' (200')					
FULL		ALS out			
A					
B					
C	800m	1200m	NOT AUTHORIZED		
D					

PANS OPS

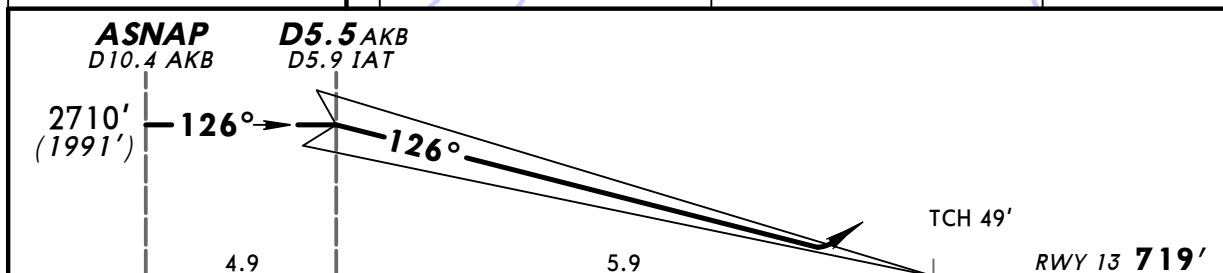
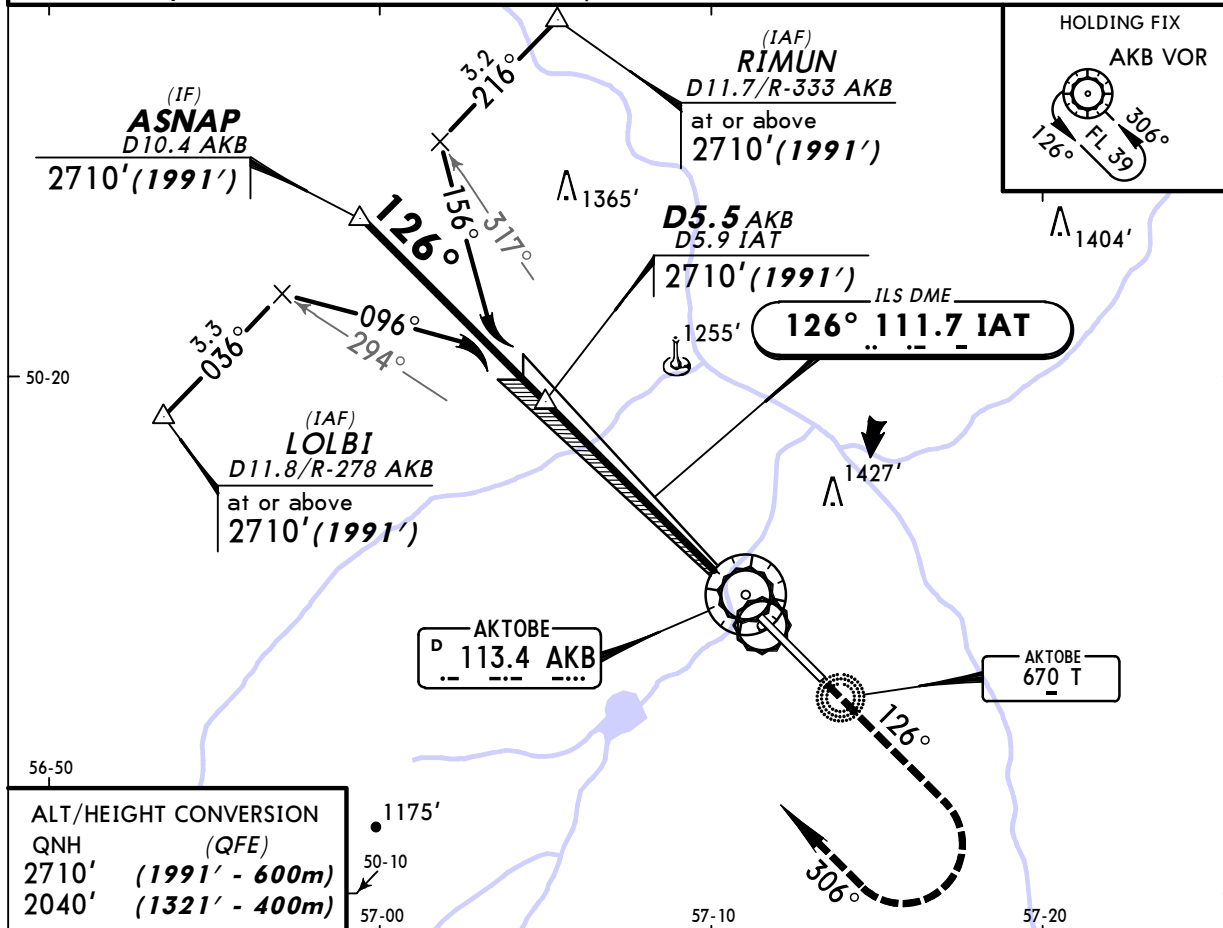
UATT/AKX
AKTOBE

JEPPESSEN
26 MAR 10 **(11-2)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN
ILS DME Y Rwy 13

BRIEFING STRIP

126.0 (Russian 127.8)		AKTOBE Tower 120.9			3000'
LOC IAT 111.7	Final Apch Crs 126°	GS D5.5 AKB 2710' (1991')	ILS DA(H) 919' (200')	Apt Elev 738'	
				RWY 719'	
MISSED APCH: Climb on 126° to 2040' (1321') or above, then turn RIGHT (MAX 225 KT) onto 306° climbing to 2710' (1991'), then as directed. Do not turn before passing VOR.					MSA AKB VOR
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2710' (1991') 1. RADAR required. 2. ILS DME reads zero at rwy 13 threshold.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	2040' (1321') or above on 126°
GS	3.00°	377	484	538	646	753		

STRAIGHT-IN LANDING RWY 13					
ILS		LOC (GS out)			
DA(H) 919'(200')					
FULL		ALS out			
A	800m	1200m	NOT AUTHORIZED		
B					
C					
D					

PANS OPS

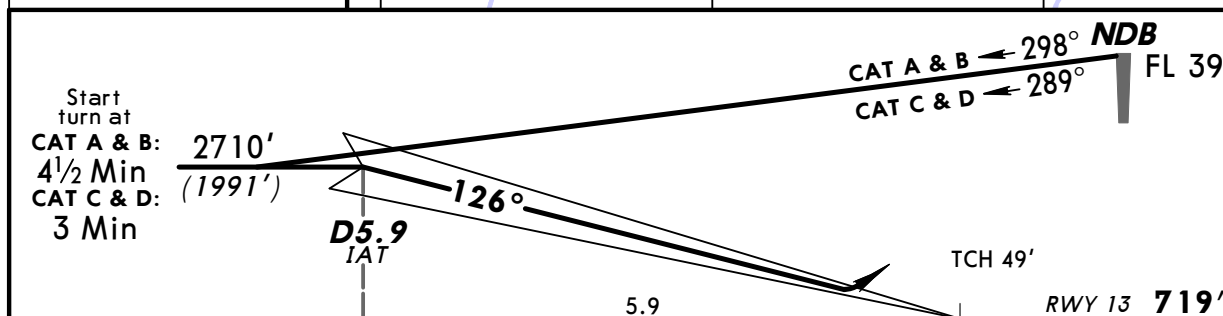
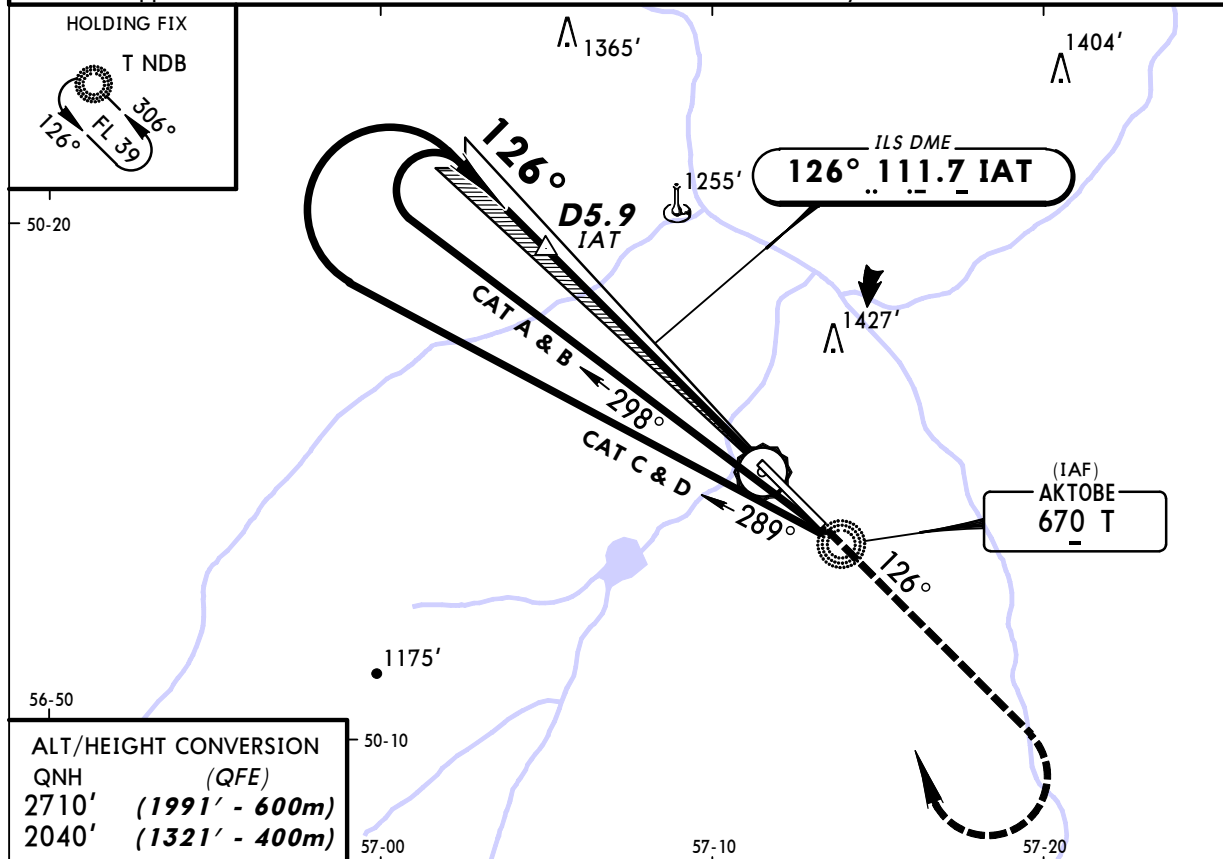
UATT/AKX
AKTOBE

JEPPesen
26 MAR 10 **(11-3)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN
ILS DME X Rwy 13

BRIEFING STRIP

ATIS 126.0 (Russian 127.8)				AKTOBE Tower 120.9	
LOC IAT 111.7	Final Apch Crs 126°	GS D5.9 IAT 2710' (1991')	ILS DA(H) 919' (200')	Apt Elev 738' RWY 719'	3000' MSA T NDB
MISSED APCH: Climb on 126° to 2040' (1321') or above. After passing NDB maintain 126° for 1 Min 40 Sec, then turn RIGHT (MAX 225 KT) to NDB. Climb initially to 2710' (1991'), then as directed.					
MISSED APCH WITH COMM FAILURE: Climb to FL 39 to NDB and hold.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2710' (1991') 1. Initial approach restricted to MAX 215 KT. 2. ILS DME reads zero at rwy 13 threshold.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS	2040'	126°
GS	3.00°	377	484	538	646	753		(1321') or above on	

STRAIGHT-IN LANDING RWY 13					
ILS			LOC (GS out)		
DA(H) 919'(200')					
FULL		ALS out			
A	800m	1200m	NOT AUTHORIZED		
B					
C					
D					

PANS OPS

UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 (11-4) Eff 8 Apr

AKTOBE, KAZAKHSTAN
ILS Z Rwy 31

BRIEFING STRIP™

ATIS 126.0 (Russian 127.8)		AKTOBE Tower 120.9		
LOC ITU 110.5	Final Apch Crs 306°	GS LOM 1381' (643')	ILS DA(H) 938' (200')	Apt Elev 738' RWY 738'

MISSED APCH: Climb on 306° to 2060' (1322') or above outbound to D3.8 AKB, then turn LEFT (MAX 225 KT) to VOR. Climb initially to 2710' (1972'), then as directed.

MISSED APCH WITH COMM FAILURE: Climb to FL 39 to VOR and hold.

Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 39	Trans alt: 2710' (1972')
--------------------------	---------------------------	--------------------	--------------------------

3000'

MSA
AKB VOR

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2710'	(1972' - 600m)
2060'	(1322' - 400m)

Gnd speed-Kts	70	90	100	120	140	160
GS	2.67°	332	427	474	569	664

STRAIGHT-IN LANDING RWY 31	ILS	LOC (GS out)
DA(H) 938' (200')	FULL	ALS out

A	B	C	D	E	F

A	B	C	D	E	F

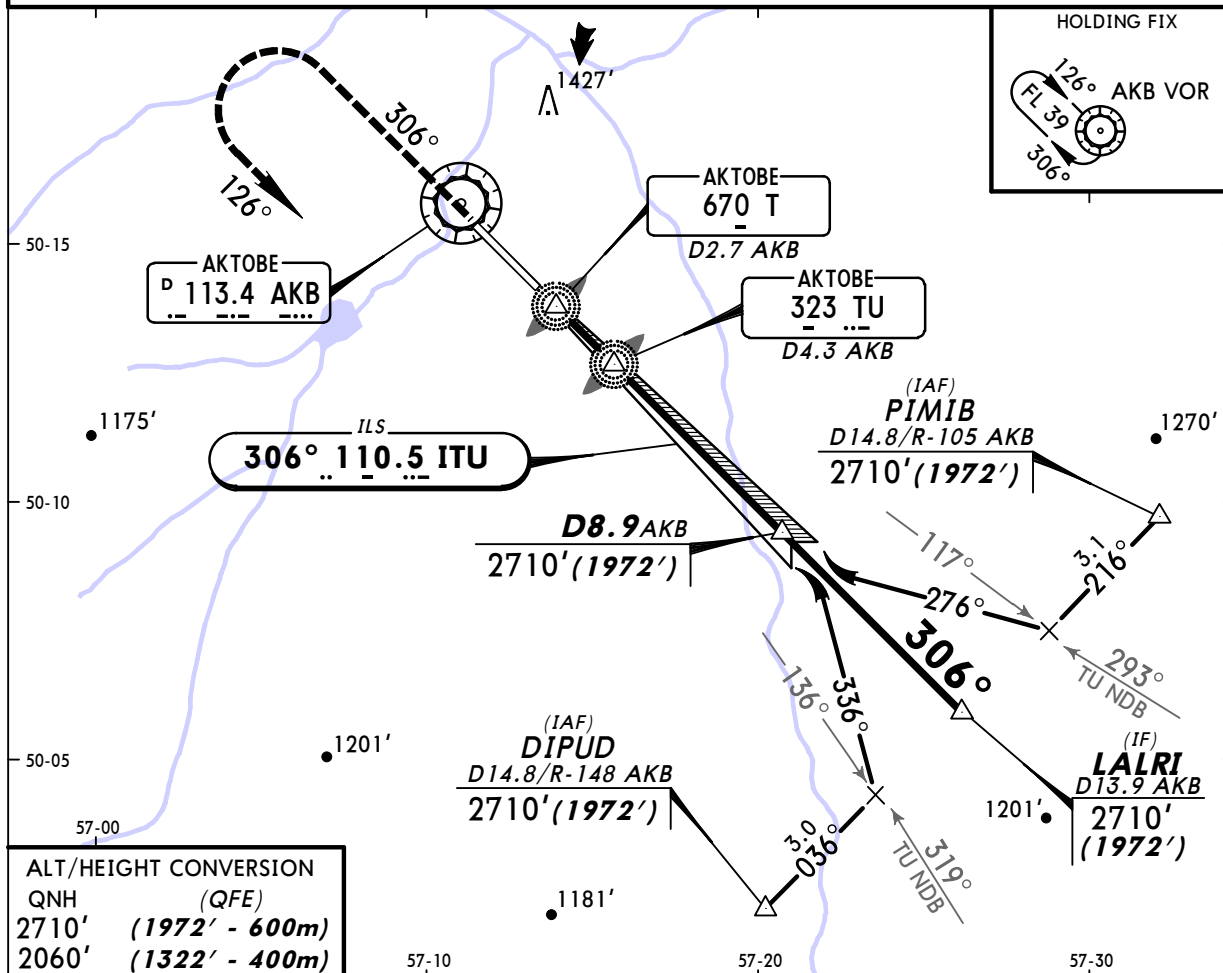
UATT/AKX
AKTOBE

JEPPesen
26 MAR 10 **11-5** **Eff 8 Apr**

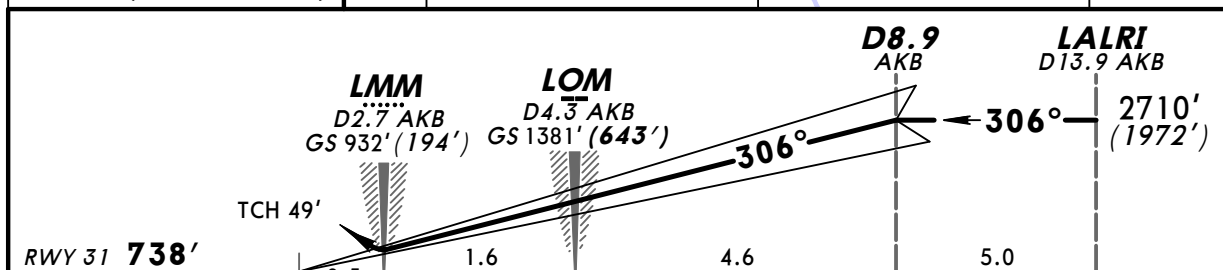
AKTOBE, KAZAKHSTAN
ILS Y Rwy 31

BRIEFING STRIP

126.0 (Russian 127.8)		AKTOBE Tower 120.9			3000' MSA AKB VOR
LOC ITU 110.5	Final Apch Crs 306°	GS LOM 1381' (643')	ILS DA(H) 938' (200')	Apt Elev 738' RWY 738'	
MISSED APCH: Climb on 306° to 2060' (1322') or above, then turn LEFT (MAX 225 KT) onto 126° climbing to 2710' (1972'), then as directed. Do not turn before passing VOR.					
Alt Set: MM (hPa on req)		QNH on req (QFE)	Trans level: FL 39	Trans alt: 2710' (1972')	
RADAR required.					



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2710'	(1972' - 600m)
2060'	(1322' - 400m)



Gnd speed-Kts	70	90	100	120	140	160
GS 2.67°	332	427	474	569	664	759

STRAIGHT-IN LANDING RWY 31			
ILS		LOC (GS out)	
DA(H) 938'(200')			
FULL	ALS out		
A			
B			
C	800m	1200m	NOT AUTHORIZED
D			

PANS OPS

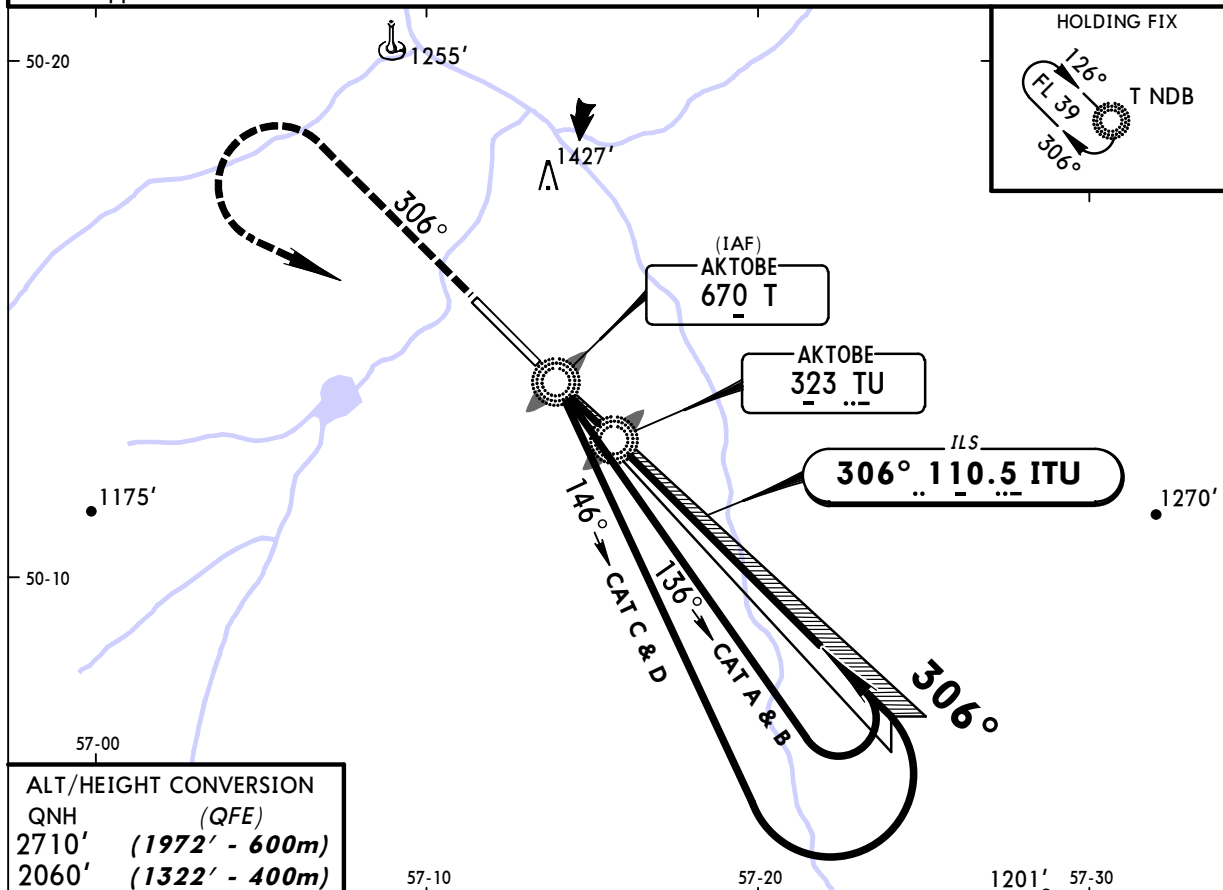
UATT/AKX
AKTOBE

JEPPesen
26 MAR 10 **11-6** **Eff 8 Apr**

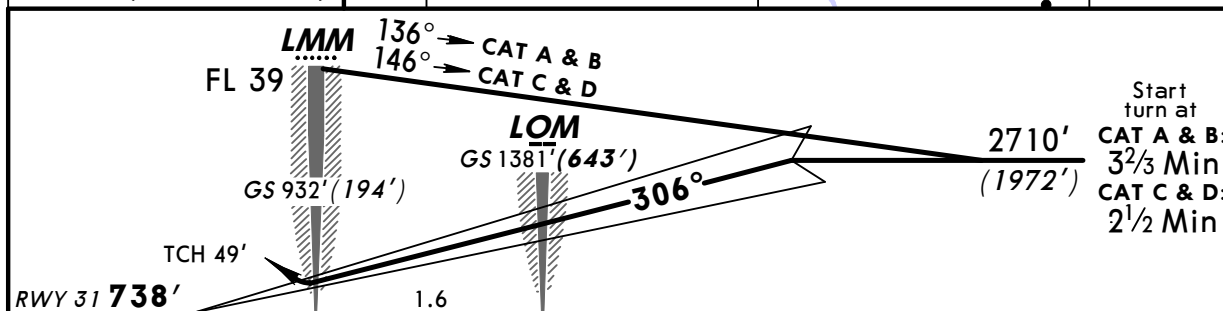
AKTOBE, KAZAKHSTAN
ILS X Rwy 31

BRIEFING STRIP

ATIS 126.0 (Russian 127.8)		AKTOBE Tower 120.9			3000' MSA T NDB
LOC ITU 110.5	Final Apch Crs 306°	GS LOM 1381'(643')	ILS DA(H) 938'(200')	Apt Elev 738' RWY 738'	
MISSED APCH: Climb on 306° to 2060' (1322') or above, then turn LEFT (MAX 225 KT) to LMM. Climb initially to 2710' (1972'), then as directed.					
MISSED APCH WITH COMM FAILURE: Climb to FL 39 to LMM and hold.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39	Trans alt: 2710' (1972')
Initial approach restricted to MAX 215 KT.					



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2710'	(1972' - 600m)
2060'	(1322' - 400m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS	2060' (1322') or above on 306°	225 KT MAX	T 670
GS 2.67°	332	427	474	569	664	759	PAPI		LT	

STRAIGHT-IN LANDING RWY 31						
ILS			LOC (GS out)			
DA(H) 938'(200')						
FULL		ALS out				
A	800m	1200m	NOT AUTHORIZED			
B						
C						
D						

PANS OPS

UATT/AKX
AKTOBE

JEPPesen
26 MAR 10 **(13-1)** **Eff 8 Apr**

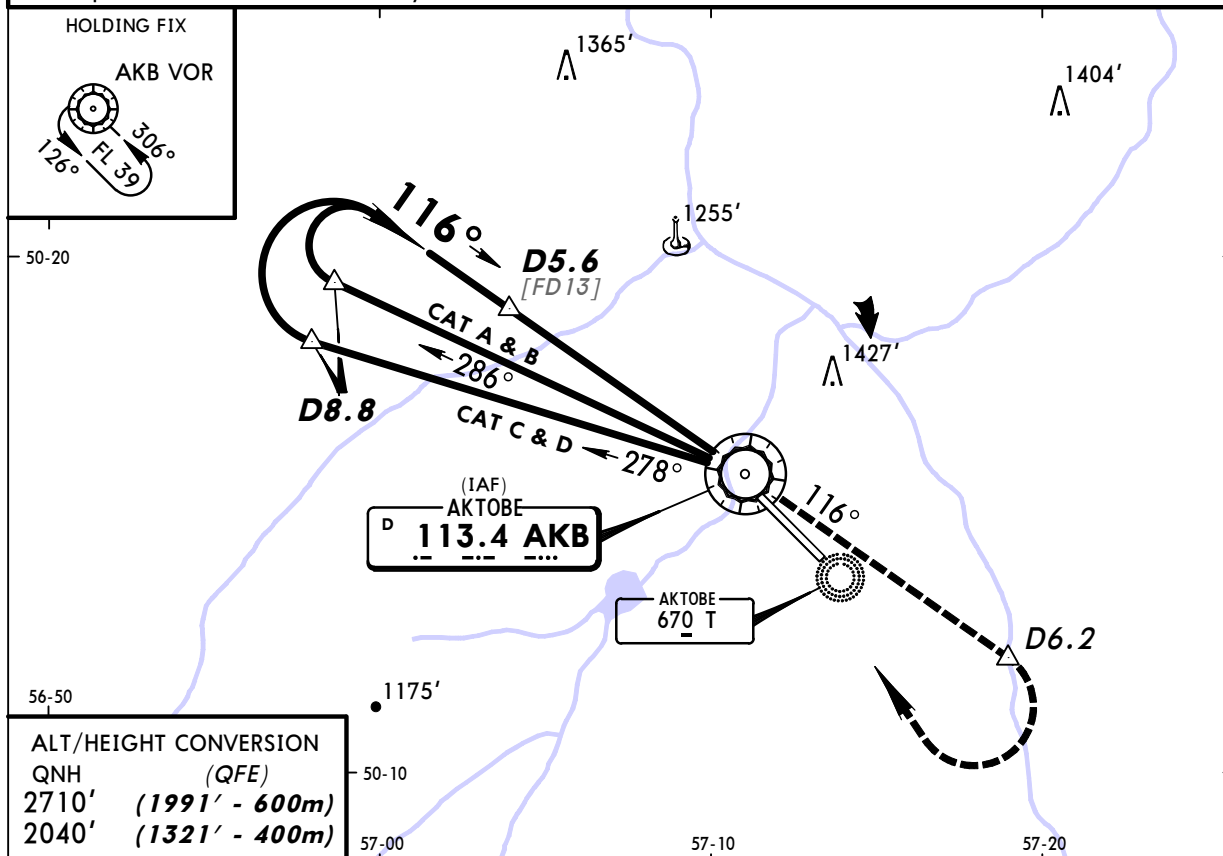
AKTOBE, KAZAKHSTAN
VOR DME Rwy 13

BRIEFING STRIP

126.0 (ATIS Russian 127.8)		AKTOBE Tower 120.9			3000' MSA AKB VOR
VOR AKB 113.4	Final Apch Crs 116°	Minimum Alt D5.6 2710'(1991')	MDA(H) Refer to Minimums	Apt Elev 738' RWY 719'	
MISSED APCH: Climb on 116° to 2040'(1321') or above outbound to D6.2, then turn RIGHT (MAX 225 KT) to VOR. Climb initially to 2710'(1991'), then as directed.					
MISSED APCH WITH COMM FAILURE: Climb to FL 39 to VOR and hold.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2710'(1991') Final apch track offset 10° from rwy centerline.					

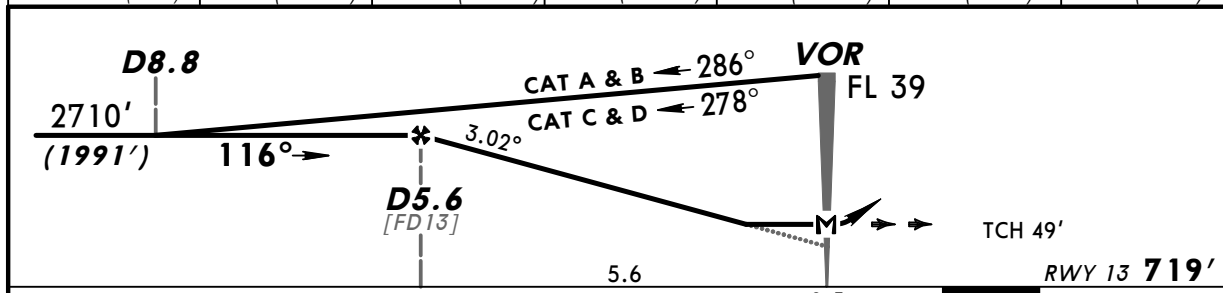
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2710' (1991')

Final apch track offset 10° from rwy centerline.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2710'	(1991' - 600m)
2040'	(1321' - 400m)

AKB DME	5.6	5.0	4.0	3.0	2.0	1.0
ALTITUDE (HAT)	2710' (1991')	2520' (1801')	2200' (1481')	1880' (1161')	1560' (841')	1240' (521')



Gnd speed-Kts	70	90	100	120	140	160
Descent angle 3.02°	374	481	534	641	748	855
MAP at VOR						

STRAIGHT-IN LANDING RWY 13	
AB: 1380' (661')	
CD: 1710' (991')	
ALS out	

PANS OPS

A	3000m
B	
C	5000m
D	

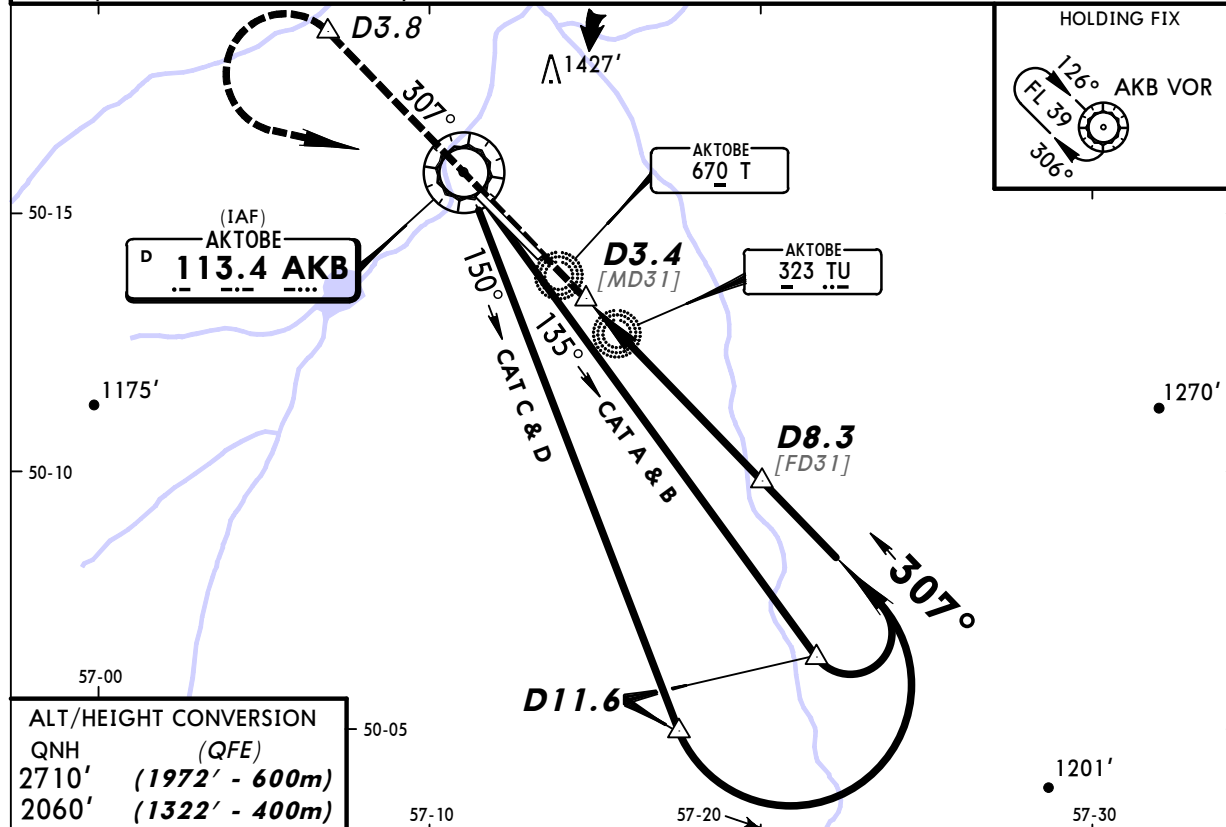
UATT/AKX
AKTOBE

JEPPesen
26 MAR 10 **(13-2)** **Eff 8 Apr**

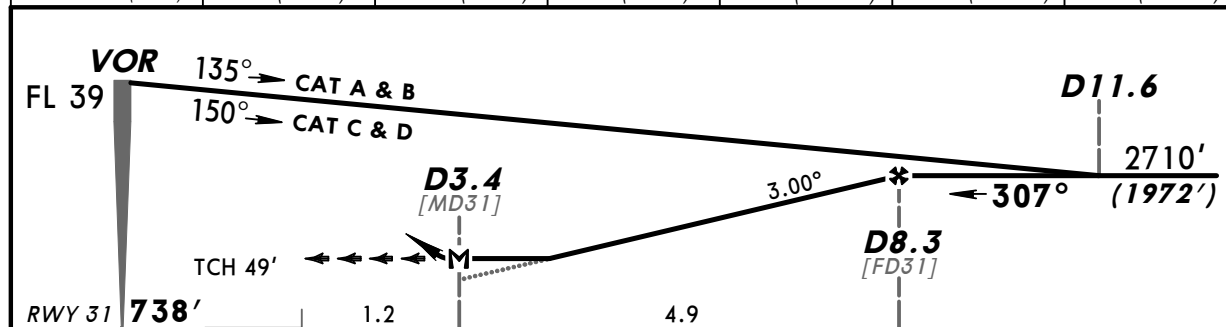
AKTOBE, KAZAKHSTAN
VOR DME Rwy 31

BRIEFING STRIP

ATIS 126.0 (Russian 127.8)			AKTOBE Tower 120.9			3000' MSA AKB VOR
VOR AKB 113.4	Final Apch Crs 307°	Minimum Alt D8.3 2710'(1972')	MDA(H) Refer to Minimums	Apt Elev 738' RWY 738'		
MISSED APCH: Climb on 307° to 2060'(1322') or above outbound to D3.8, then turn LEFT (MAX 225 KT) to VOR. Climb initially to 2710'(1972'), then as directed.						
MISSED APCH WITH COMM FAILURE: Climb to FL 39 to VOR and hold.						
Alt Set: MM (hPa on req) QNH on req (QFE) Final apch track offset 1° from rwy centerline.			Trans level: FL 39 Trans alt: 2710'(1972')			



AKB DME	3.0	4.0	5.0	6.0	7.0	8.3
ALTITUDE (HAT)	1050' (312')	1360' (622')	1680' (942')	2000' (1262')	2320' (1582')	2710' (1972')



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	2060' (1322') or above on 307° D3.8
Descent angle 3.00°	372	478	531	637	743	849		
MAP at D3.4								

STRAIGHT-IN LANDING RWY 31			
MDA(H) AB: 1400'(662')			
CD: 1730'(992')			
		ALS out	
A	3000m		
B			
C			
D			
5000m			

PANS OPS

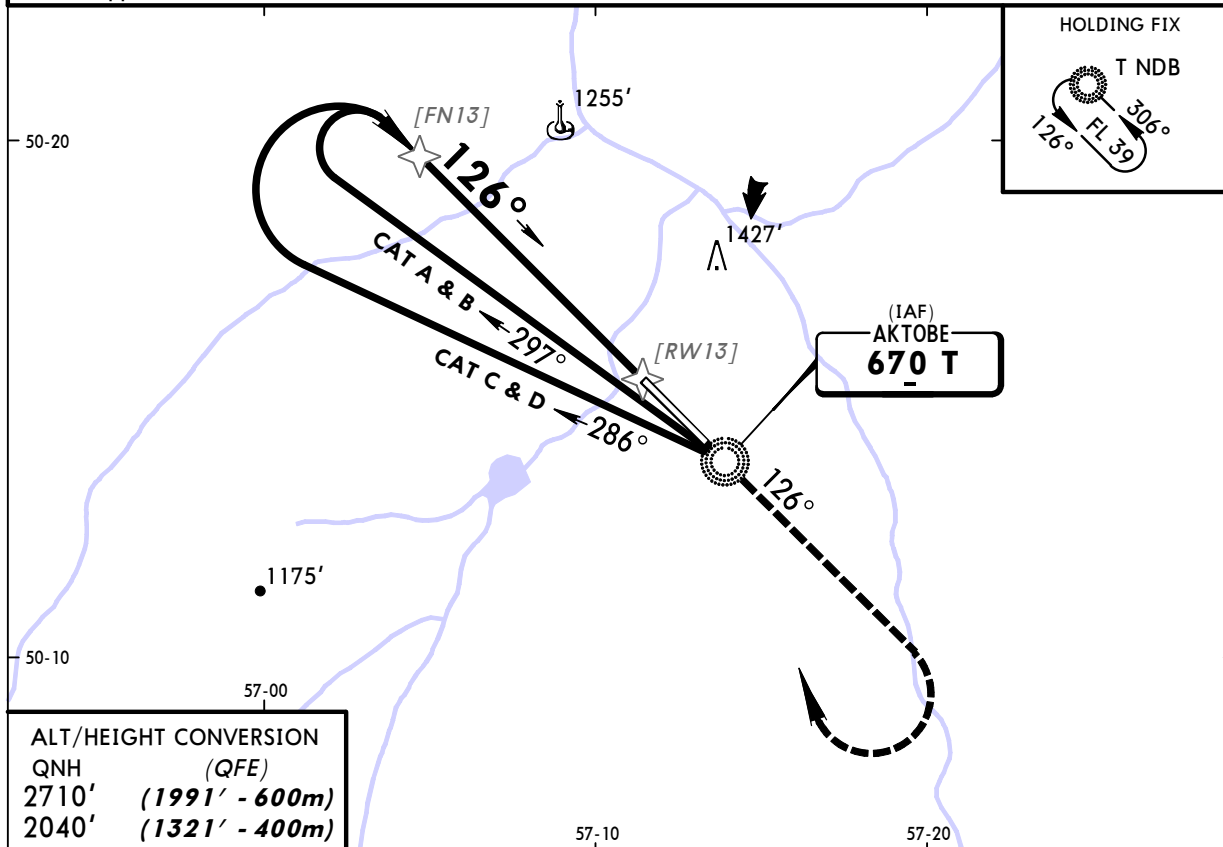
UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 **16-1** **Eff 8 Apr**

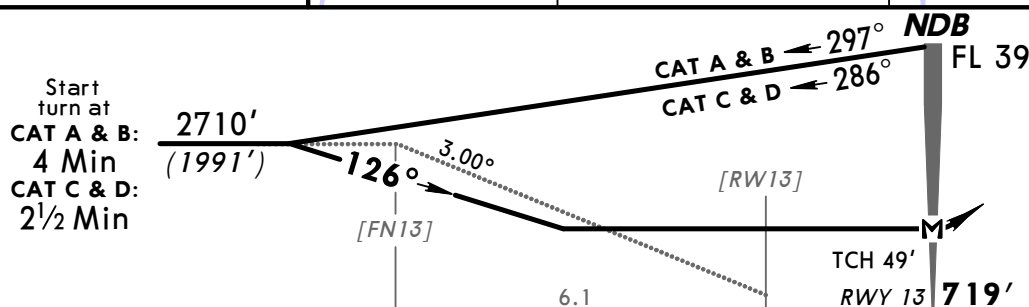
AKTOBE, KAZAKHSTAN
NDB Rwy 13

BRIEFING STRIP

ATIS 126.0 (Russian 127.8)			AKTOBE Tower 120.9		
NDB T 670	Final Apch Crs 126°	Minimum Alt No FAF	MDA(H) Refer to Minimums	Apt Elev 738' RWY 719'	3000' MSA T NDB
MISSED APCH: Climb on 126° to 2040' (1321') or above. After passing NDB maintain 126° for 1 Min 40 Sec, then turn RIGHT (MAX 225 KT) to NDB. Climb initially to 2710' (1991'), then as directed.					
MISSED APCH WITH COMM FAILURE: Climb to FL 39 to NDB and hold.					
Alt Set: MM (hPa on req) QNH on req (QFE)		Trans level: FL 39		Trans alt: 2710' (1991')	
Initial approach restricted to MAX 215 KT.					



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2710'	(1991' - 600m)
2040'	(1321' - 400m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI 2040' (1321') or above on 126°
Descent angle 3.00°	372	478	531	637	743	849	
MAP at NDB							

STRAIGHT-IN LANDING RWY 13			
AB:1400'(681')			
MDA(H) CD:1710'(991')			
		ALS out	
A	3000m		
B			
C	5000m		
D			

PANS OPS

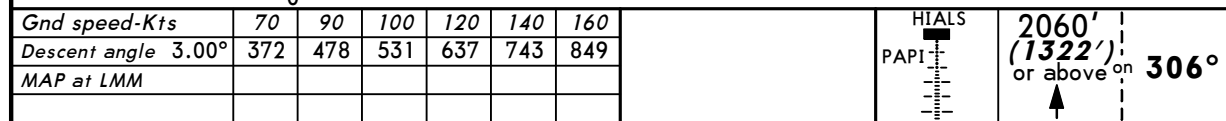
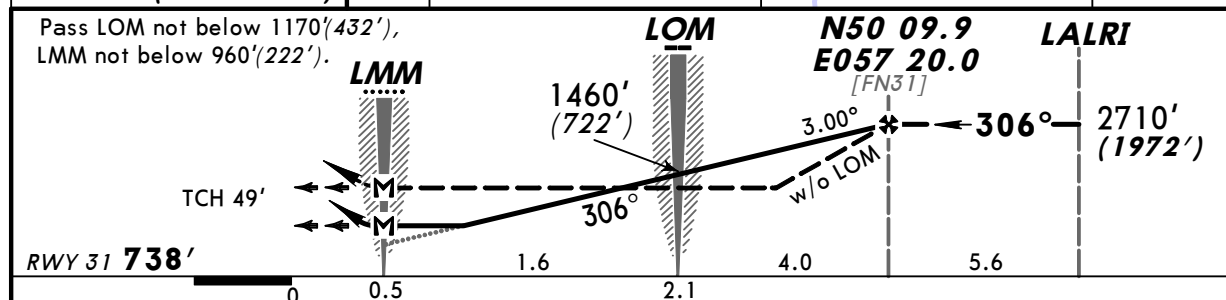
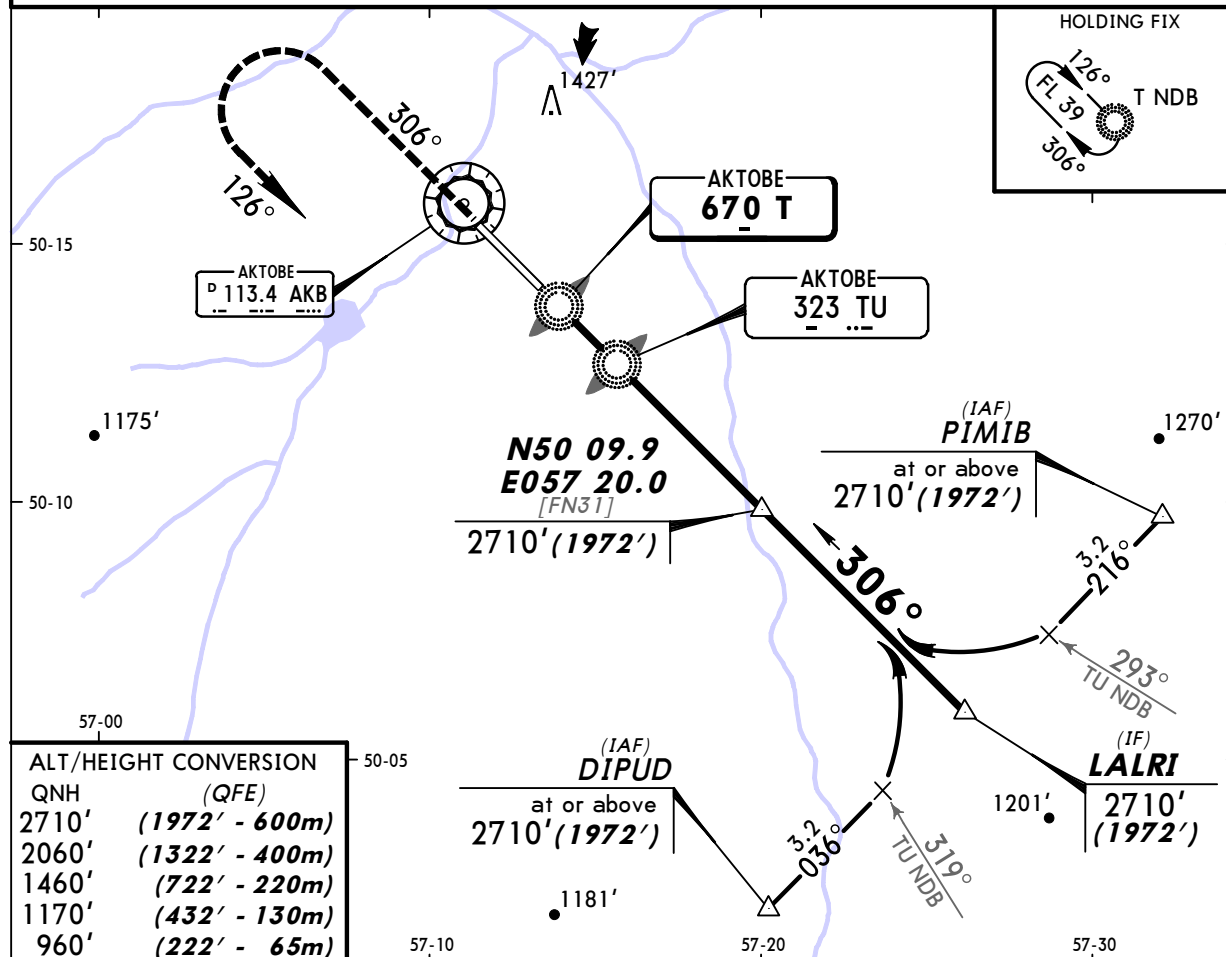
UATT/AKX
AKTOBE

JEPPesen
26 MAR 10 **(16-2)** **Eff 8 Apr**

AKTOBE, KAZAKHSTAN
2 NDB Rwy 31

BRIEFING STRIP

ATIS 126.0 (Russian 127.8)			AKTOBE Tower 120.9		3000' MSA T NDB
NDB T 670	Final Apch Crs 306°	Minimum Alt N50 09.9 E057 20.0 2710' (1972')	MDA(H) (CONDITIONAL) 1140' (402')	Apt Elev 738' RWY 738'	
MISSED APCH: Climb on 306° to 2060' (1322') or above, then turn LEFT (MAX 225 KT) onto 126° climbing to 2710' (1972'), then as directed. Do not turn before passing LMM.					
Alt Set: MM (hPa on req)		QNH on req (QFE)	Trans level: FL 39	Trans alt: 2710' (1972')	
RADAR required.					



STRAIGHT-IN LANDING RWY 31			
with LOM		w/o LOM	
MDA(H) 1140' (402')		MDA(H) 1170' (432')	
ALS out		ALS out	
A	1800m		1800m
B			
C			
D			

PANS OPS