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

No revision activity since Disc 16-2010

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 Info

ATIS **127.8** Non-English
ATIS **126.0**
Aktobe Tower **120.9**

Notebook Info

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UATT/AKX AKTOBE

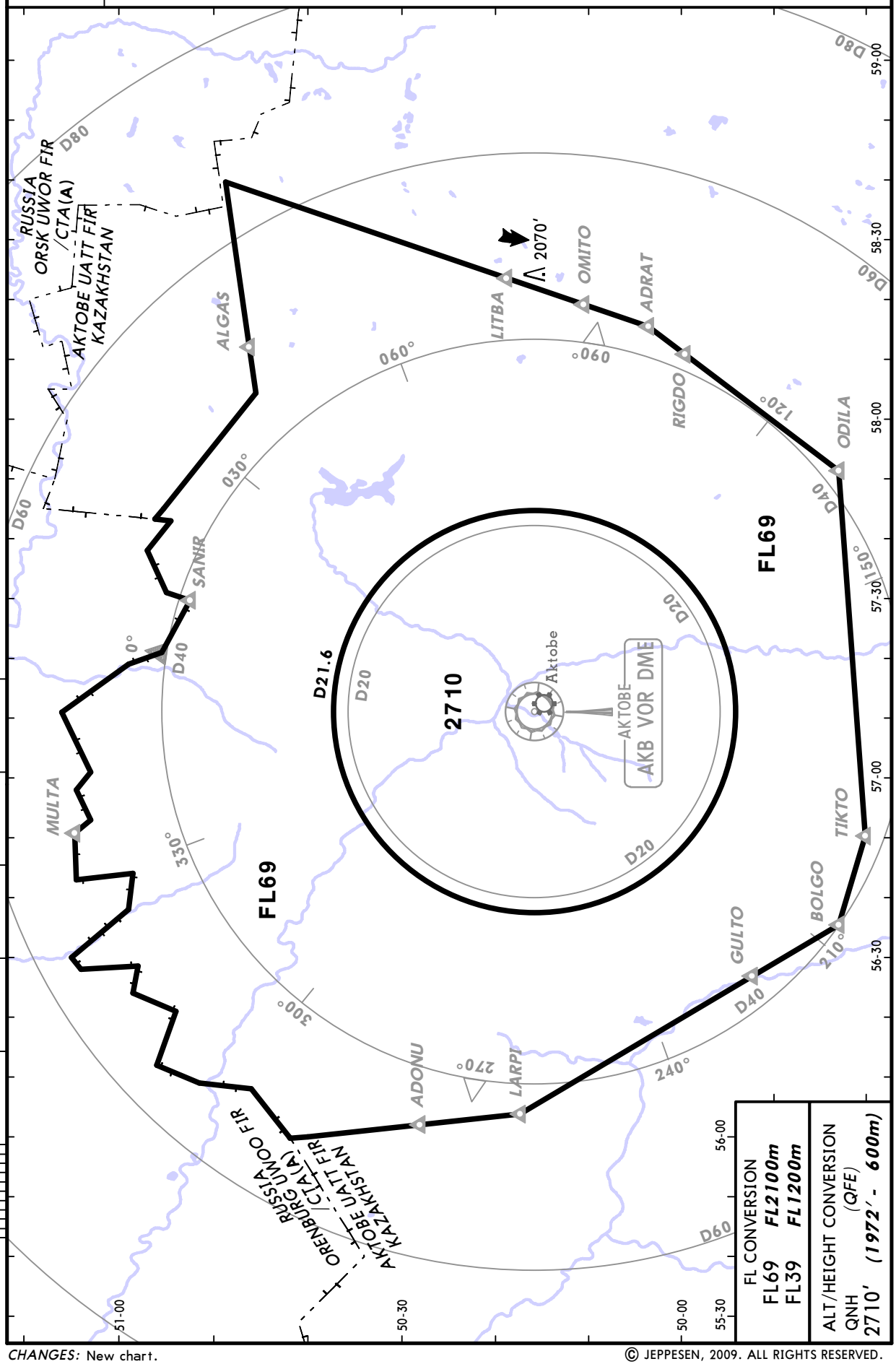
JEPPESEN 6 NOV 09 (10-1R) Eff 19 Nov

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.



FL CONVERSION	
FL69	*FL2100m*
FL39	*FL1200m*

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

CHANGES: New chart.

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AKTOBE

JEPPESEN

AKTOBE, KAZAKHSTAN

26 MAR 10 (10-2) Eff 8 Apr

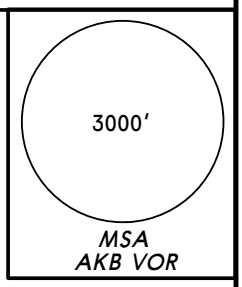
STAR

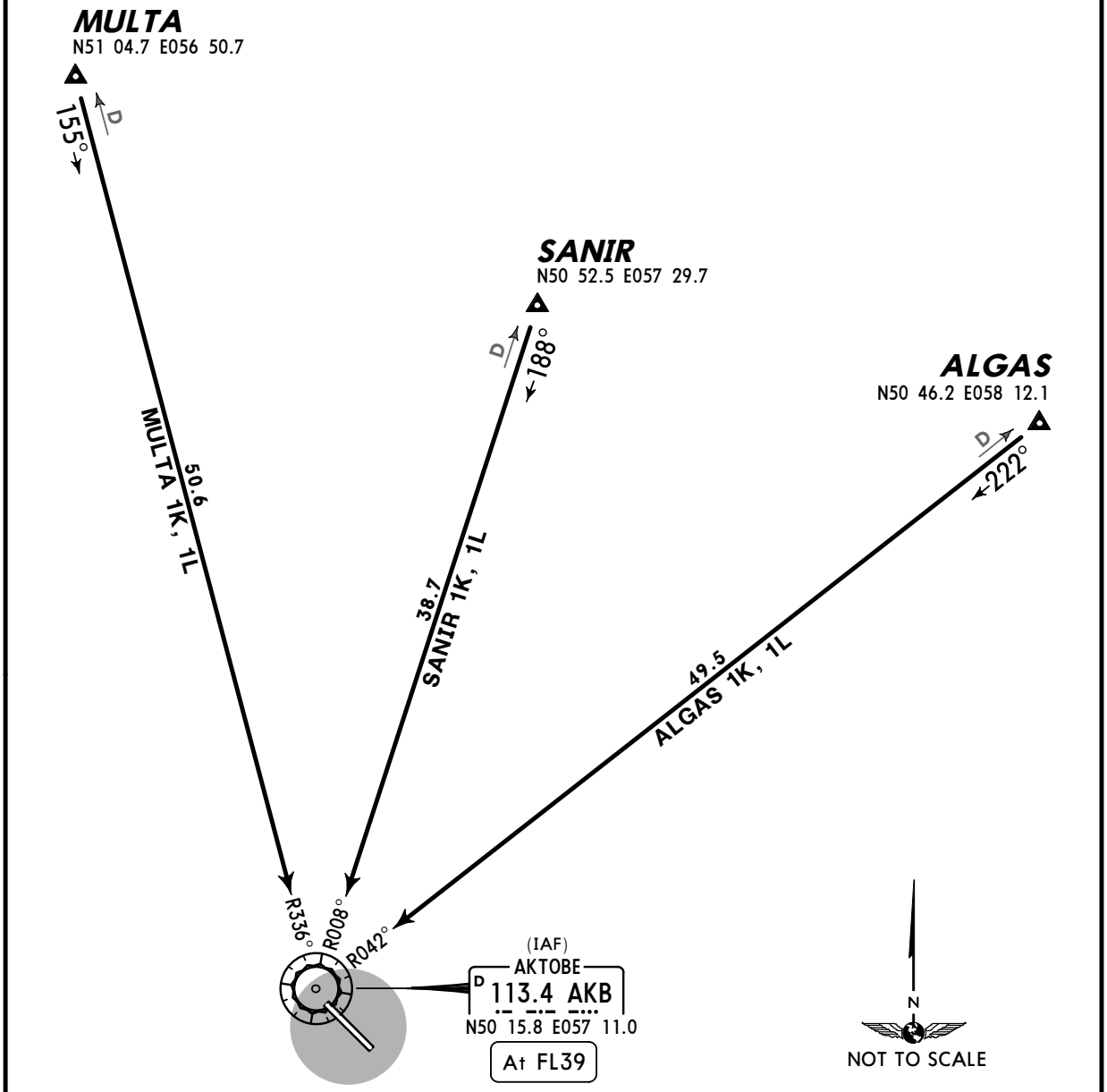
ATIS	Apt Elev	
126.0 (Russian 127.8)	738′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2710′ *(1992′)* FL by ATC.

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

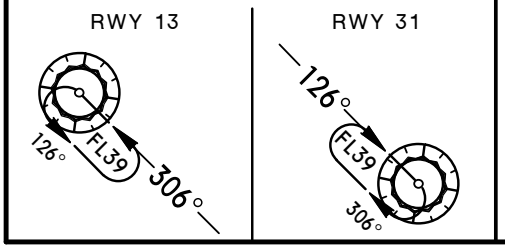
ALGAS 1L *[ALGA1L]*, MULTA 1L *[MULT1L]*
SANIR 1L *[SANI1L]*
RWY 31 ARRIVALS

FROM NORTH & NORTHEAST
BASED ON AKB





HOLDINGS OVER AKB



FL CONVERSION	
FL39	*FL1200m*

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

CHANGES: STARs transferred; MSA.

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AKTOBE

JEPPESEN

AKTOBE, KAZAKHSTAN

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

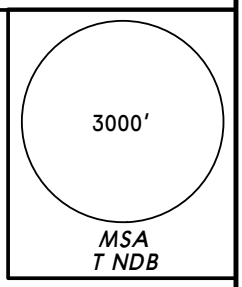
STAR

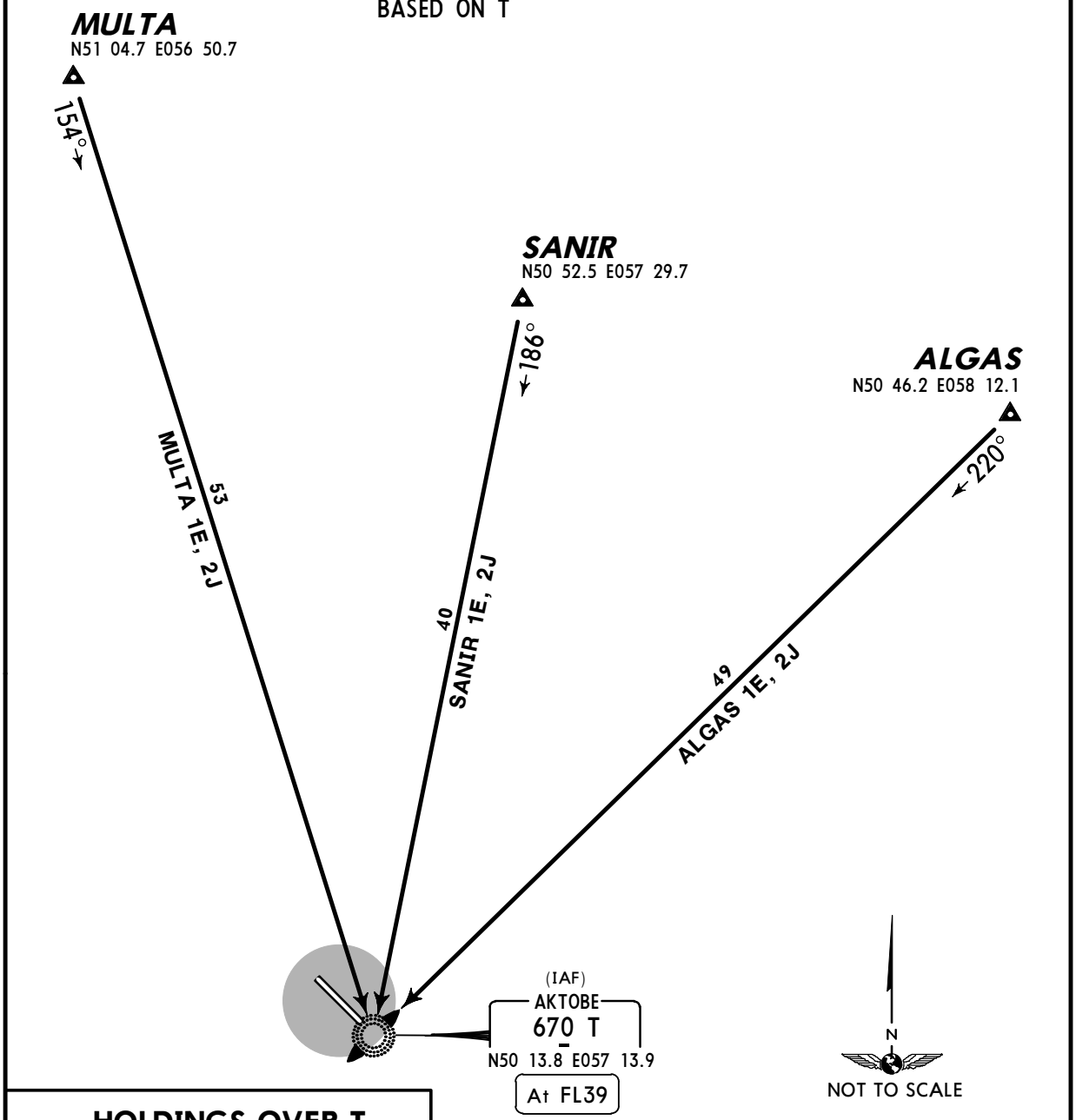
ATIS	Apt Elev	
126.0 (Russian 127.8)	738′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2710′ *(1972′)* FL by ATC.

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

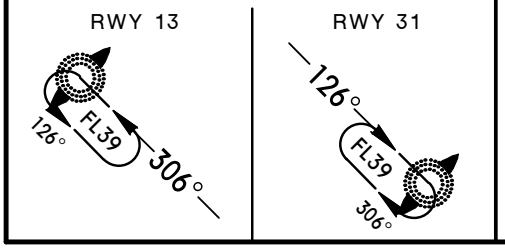
ALGAS 2J *[ALGA2J]*, MULTA 2J *[MULT2J]*
SANIR 2J *[SANI2J]*
RWY 13 ARRIVALS

FROM NORTH & NORTHEAST
BASED ON T





HOLDINGS OVER T



FL CONVERSION	
FL39	*FL1200m*

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

CHANGES: STARs transferred & revised; MSA.

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AKTOBE, KAZAKHSTAN

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

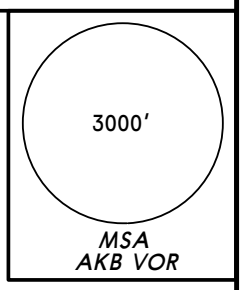
STAR

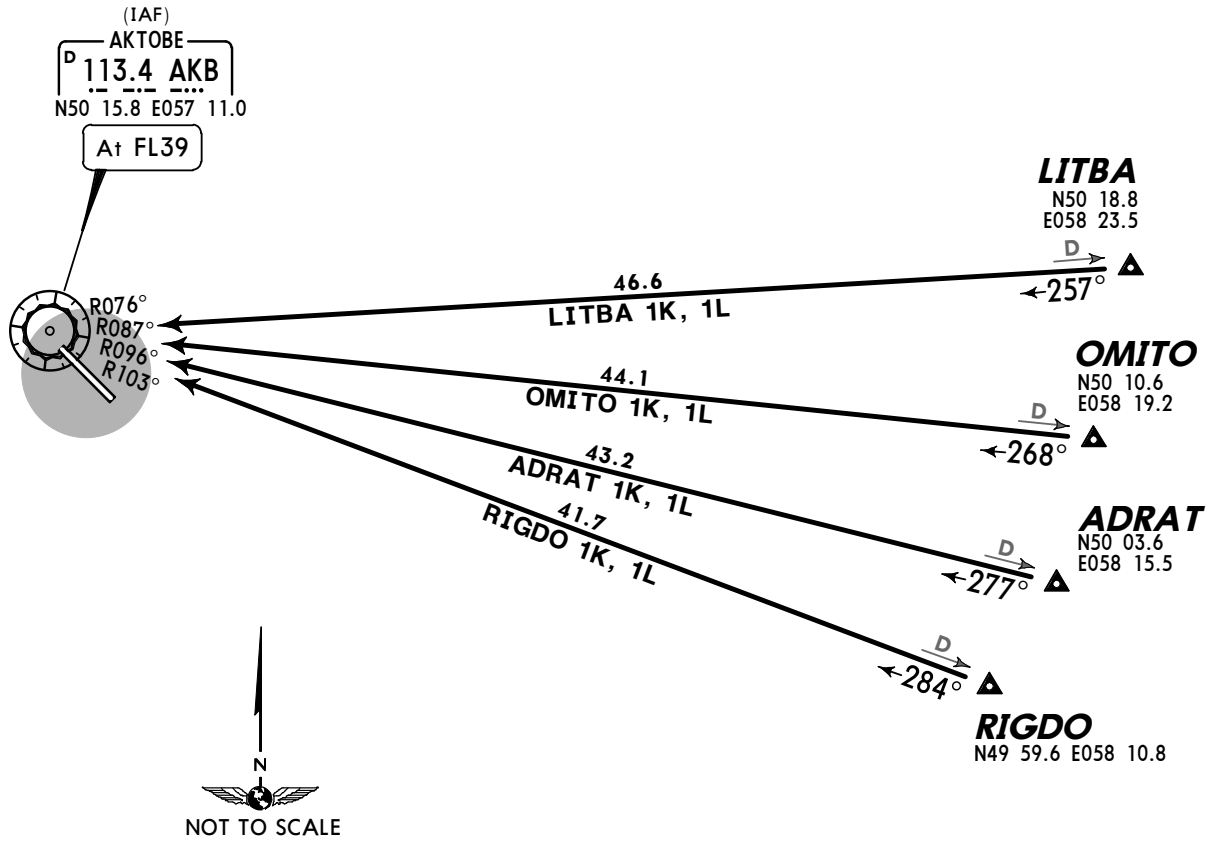
ATIS	Apt Elev	
126.0 (Russian 127.8)	738′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2710′ *(1992′)* FL by ATC.

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

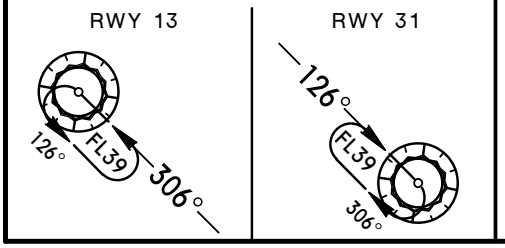
ADRAT 1L *[ADRA1L]*, LITBA 1L *[LITB1L]*
OMITO 1L *[OMIT1L]*, RIGDO 1L *[RIGD1L]*
RWY 31 ARRIVALS

FROM EAST
BASED ON AKB





HOLDINGS OVER AKB



FL CONVERSION	
FL39	*FL1200m*

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

CHANGES: STARs transferred; MSA.

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

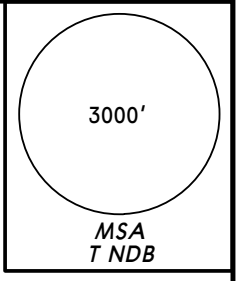
AKTOBE, KAZAKHSTAN
STAR

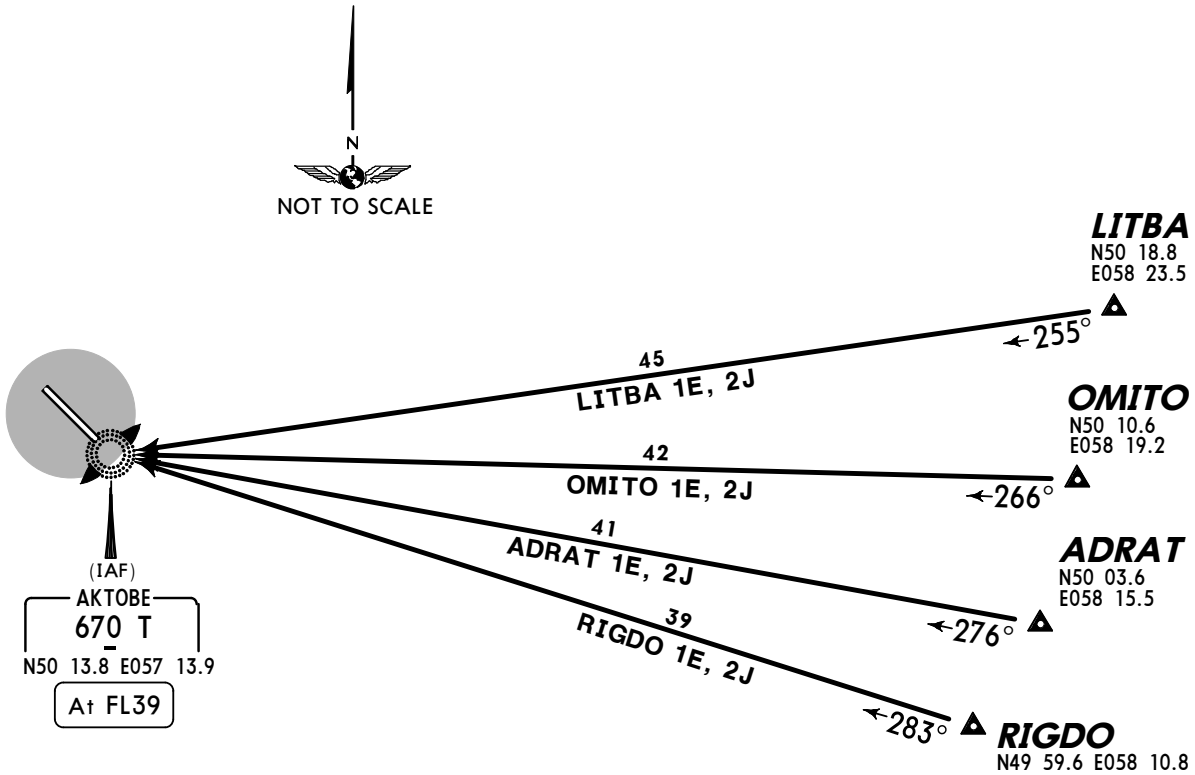
ATIS	Apt Elev	
126.0 (Russian 127.8)	738′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2710′ *(1972′)* FL by ATC.

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





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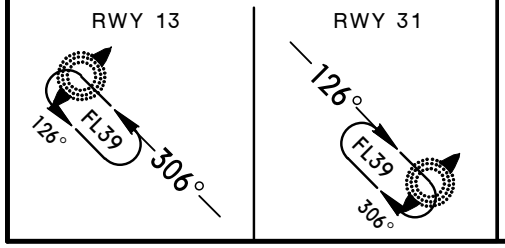

FL CONVERSION	
FL39	*FL1200m*

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

CHANGES: STARs transferred & revised; MSA.

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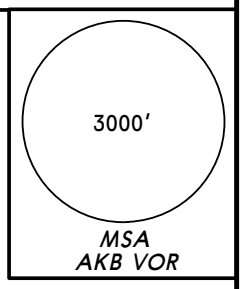
JEPPESEN 16 JUL 10 (10-2D) Eff 29 Jul

AKTOBE, KAZAKHSTAN
STAR

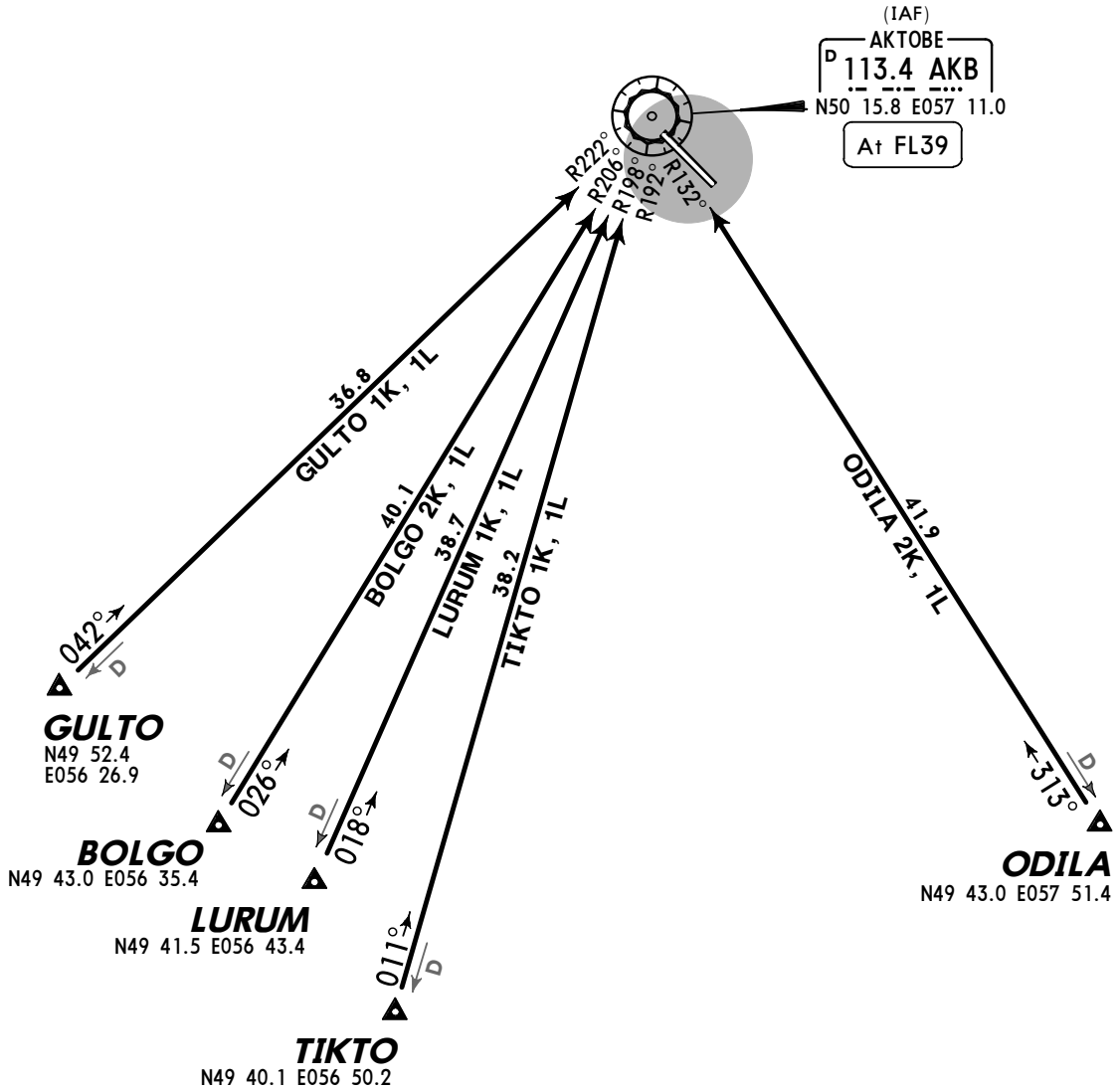
ATIS	Apt Elev	
126.0 (Russian 127.8)	738′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2710′ *(1992′)* FL by ATC.



BOLGO 2K *[BOLG2K]*
GULTO 1K *[GULT1K]*
LURUM 1K *[LURU1K]*
ODILA 2K *[ODIL2K]*
TIKTO 1K *[TIKT1K]*
RWY 13 ARRIVALS

BOLGO 1L *[BOLG1L]*
GULTO 1L *[GULT1L]*
LURUM 1L *[LURU1L]*
ODILA 1L *[ODIL1L]*
TIKTO 1L *[TIKT1L]*
RWY 31 ARRIVALS

FROM SOUTH
BASED ON AKB



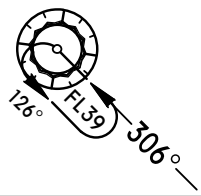
FL CONVERSION	
FL39	*FL1200m*

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

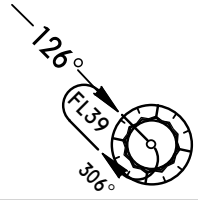
NOT TO SCALE

HOLDINGS OVER AKB

RWY 13



RWY 31



CHANGES: LURUM STARs established.

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AKTOBE

JEPPESEN 16 JUL 10 (10-2E) Eff 29 Jul

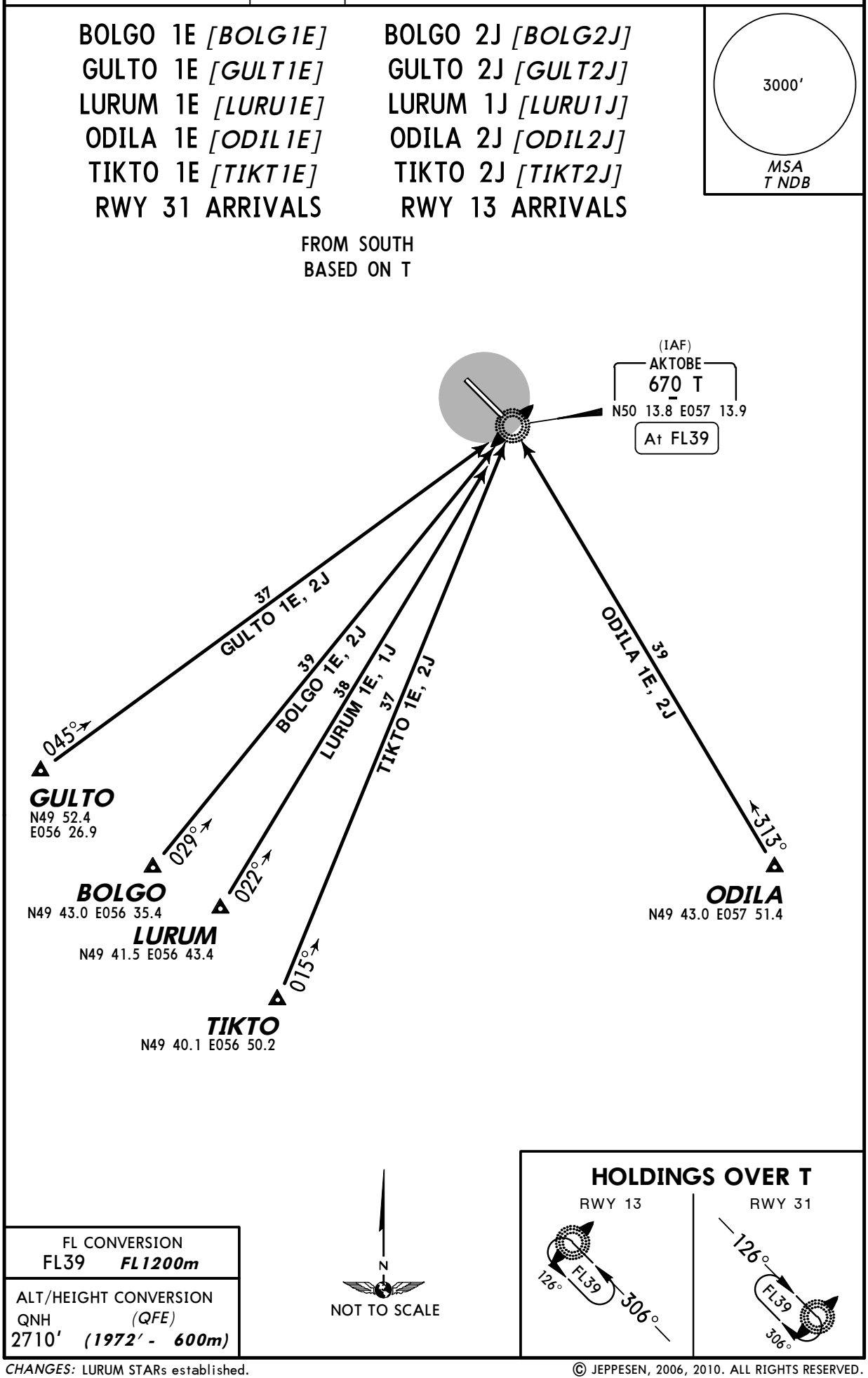
AKTOBE, KAZAKHSTAN
STAR

ATIS	Apt Elev	
126.0 (Russian 127.8)	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]*
LURUM 1E *[LURU1E]*
ODILA 1E *[ODIL1E]*
TIKTO 1E *[TIKT1E]*
RWY 31 ARRIVALS

BOLGO 2J *[BOLG2J]*
GULTO 2J *[GULT2J]*
LURUM 1J *[LURU1J]*
ODILA 2J *[ODIL2J]*
TIKTO 2J *[TIKT2J]*
RWY 13 ARRIVALS

FROM SOUTH
BASED ON T



FL CONVERSION	
FL39	*FL1200m*

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

CHANGES: LURUM STARs established.

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UATT/AKX
AKTOBE

JEPPESEN

AKTOBE, KAZAKHSTAN

26 MAR 10 (10-2F) Eff 8 Apr

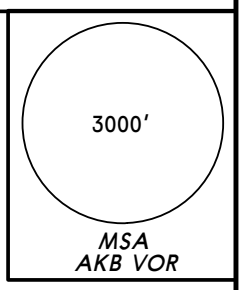
STAR

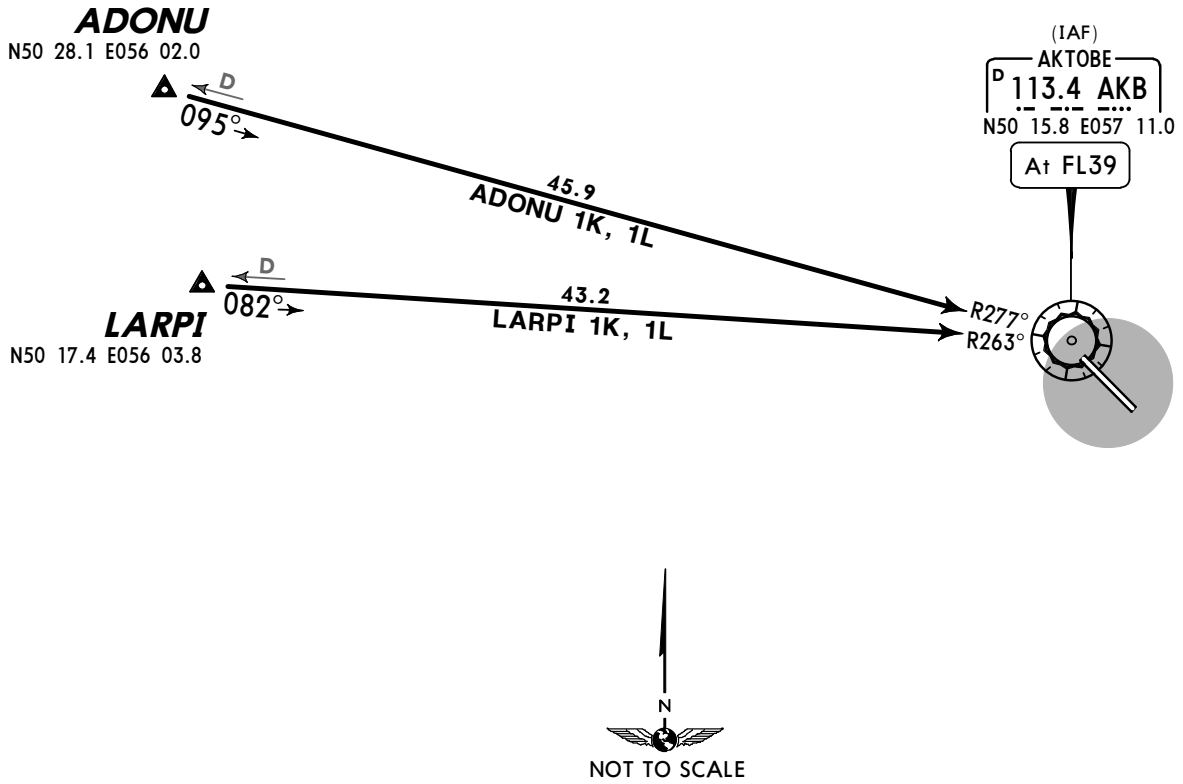
ATIS	Apt Elev	
126.0 (Russian 127.8)	738′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2710′ *(1992′)* FL by ATC.

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

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

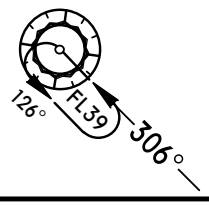
FROM WEST
BASED ON AKB



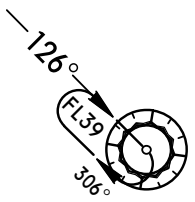


HOLDINGS OVER AKB

RWY 13



RWY 31



FL CONVERSION	
FL39	*FL1200m*

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

CHANGES: STARs transferred; MSA.

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AKTOBE

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

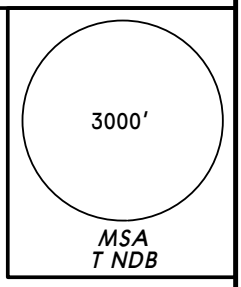
AKTOBE, KAZAKHSTAN
STAR

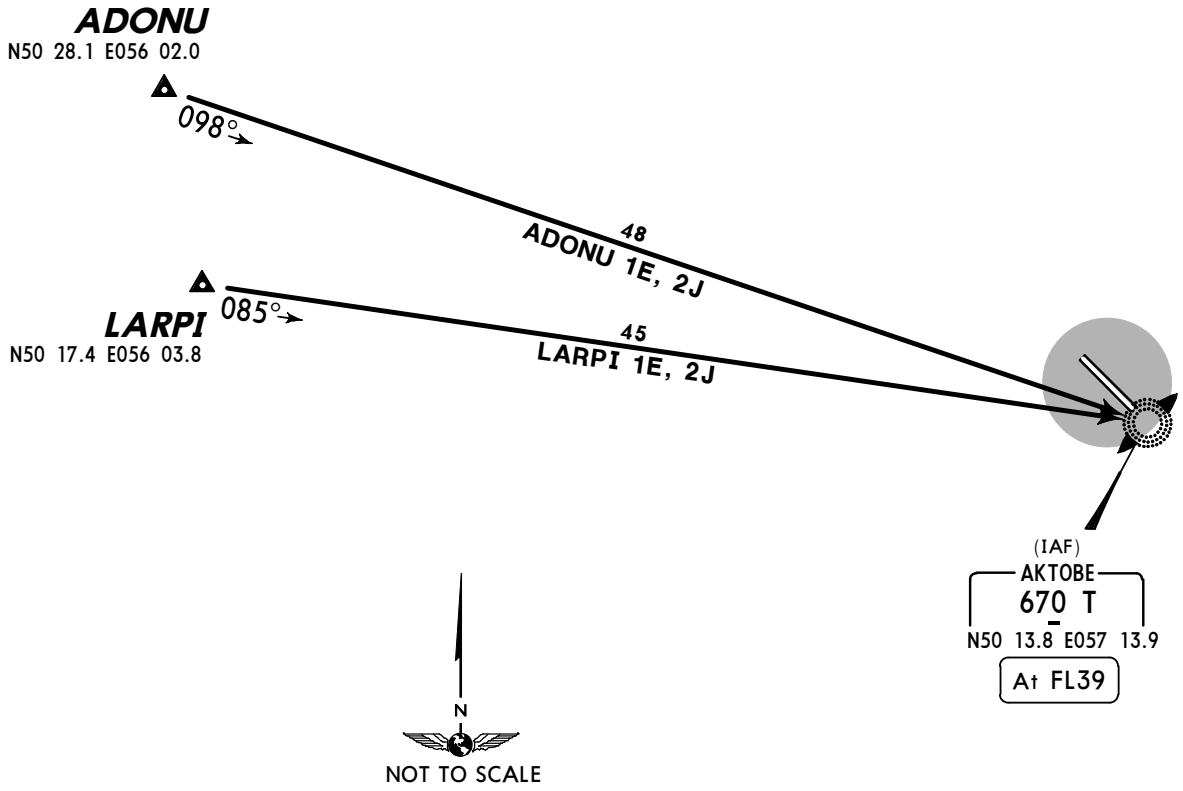
ATIS	Apt Elev	
126.0 (Russian 127.8)	738′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2710′ *(1972′)* FL by ATC.

ADONU 1E *[ADON1E]*
LARPI 1E *[LARP1E]*
RWY 31 ARRIVALS

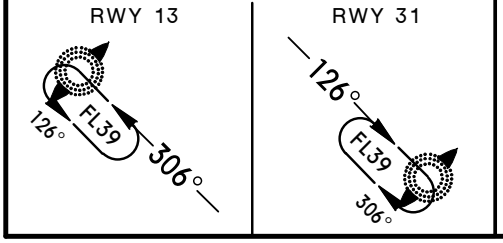
ADONU 2J *[ADON2J]*
LARPI 2J *[LARP2J]*
RWY 13 ARRIVALS

FROM WEST
BASED ON T





HOLDINGS OVER T



FL CONVERSION	
FL39	*FL1200m*

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

CHANGES: STARs transferred & revised; MSA.

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UATT/AKX
AKTOBE

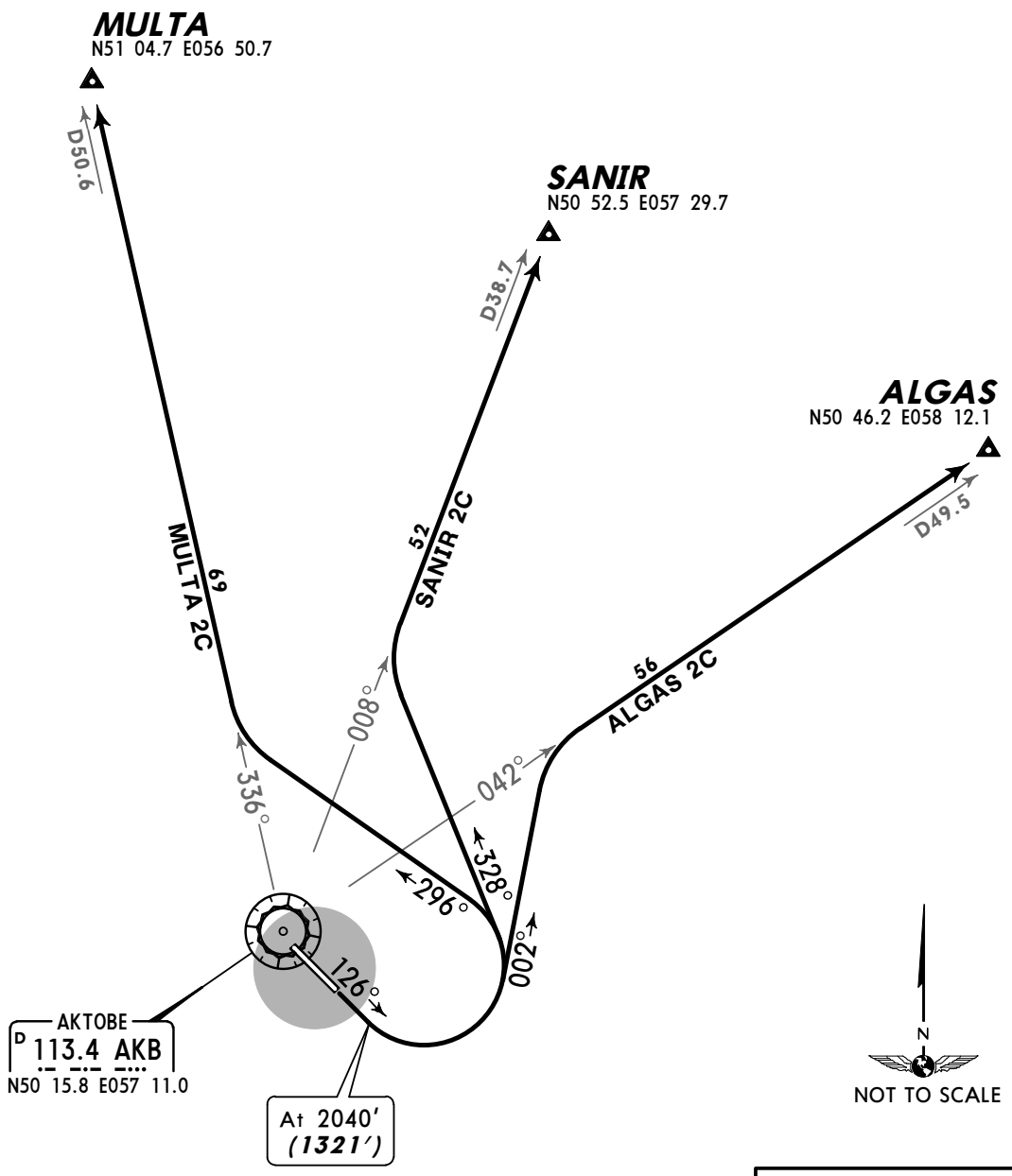
JEPPESEN 16 JUL 10 (10-3) Eff 29 Jul

AKTOBE, KAZAKHSTAN
SID

Apt Elev	
738′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2710′ ***(1991′)*** FL by ATC.

3000′
MSA
AKB VOR

ALGAS 2C *[ALGA2C]*
MULTA 2C *[MULT2C]*
SANIR 2C *[SANI2C]*
RWY 13 DEPARTURES
TO NORTH & NORTHEAST



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

FL CONVERSION	
FL39	***FL1200m***

SID	ROUTING
ALGAS 2C	Climb to 2040′ ***(1321′)***, turn LEFT, 002° track, intercept AKB R-042 to ALGAS.
MULTA 2C	Climb to 2040′ ***(1321′)***, turn LEFT, 296° track, intercept AKB R-336 to MULTA.
SANIR 2C	Climb to 2040′ ***(1321′)***, turn LEFT, 328° track, intercept AKB R-008 to SANIR.

CHANGES: SIDs renumbered & revised.

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JEPPESEN

AKTOBE, KAZAKHSTAN

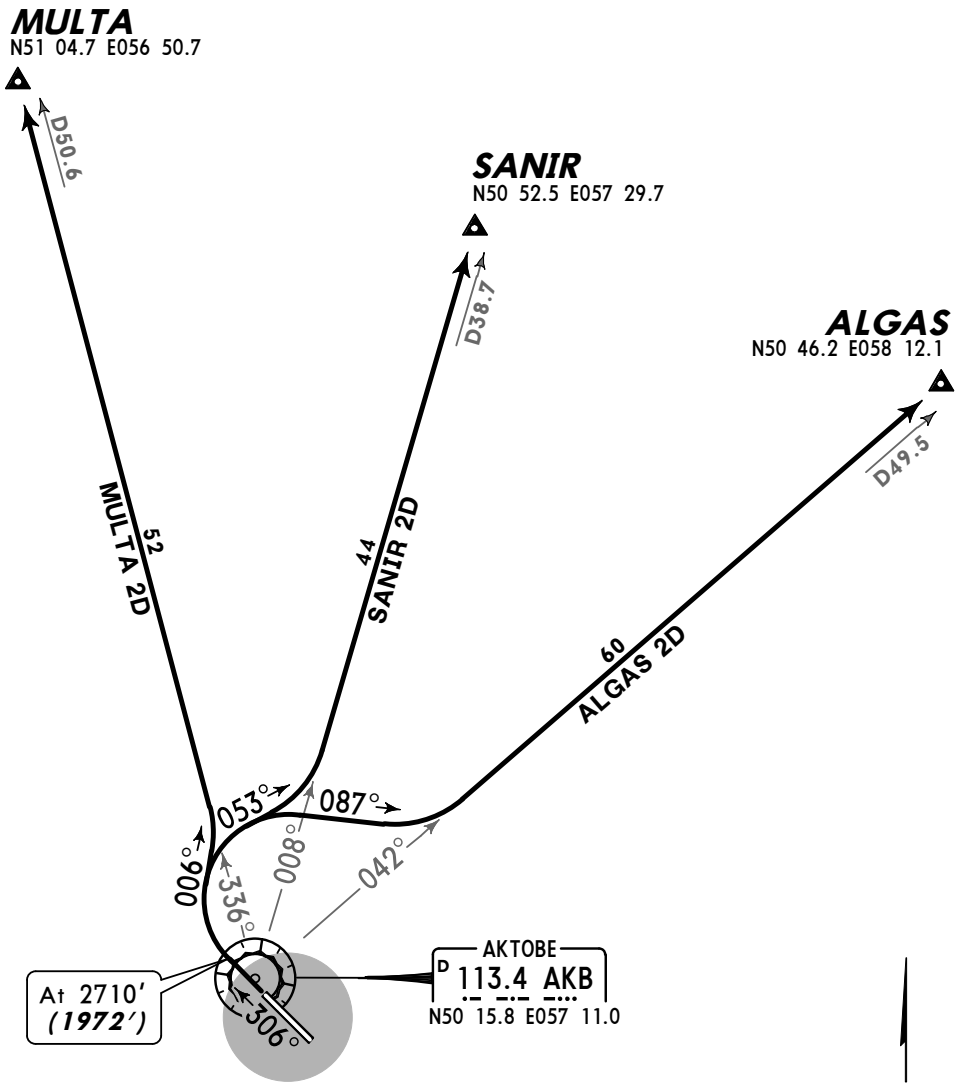
16 JUL 10 (10-3A) Eff 29 Jul

SID

Apt Elev	
738′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2710′ *(1972′)* FL by ATC.

3000′
MSA
AKB VOR

ALGAS 2D *[ALGA2D]*
MULTA 2D *[MULT2D]*
SANIR 2D *[SANI2D]*
RWY 31 DEPARTURES
TO NORTH & NORTHEAST



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

FL CONVERSION	
FL39	*FL1200m*

SID	ROUTING
ALGAS 2D	Climb to 2710′ *(1972′)*, turn RIGHT, 087° track, intercept AKB R-042 to ALGAS.
MULTA 2D	Climb to 2710′ *(1972′)*, turn RIGHT, 006° track, intercept AKB R-336 to MULTA.
SANIR 2D	Climb to 2710′ *(1972′)*, turn RIGHT, 053° track, intercept AKB R-008 to SANIR.

CHANGES: SIDs renumbered & revised.

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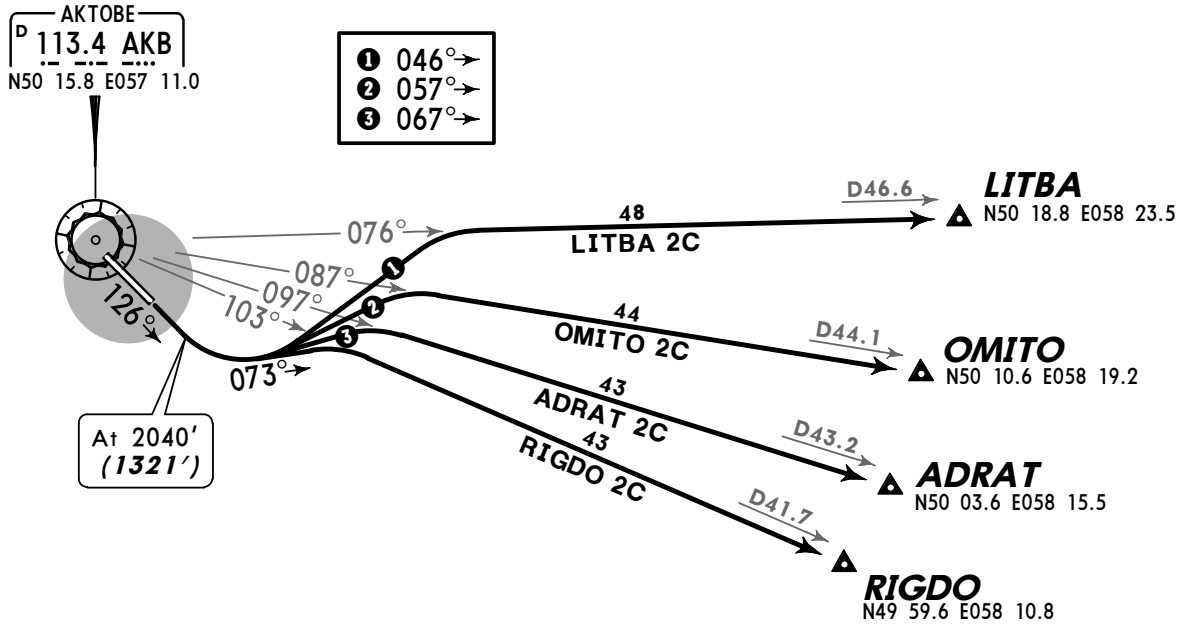
JEPPESEN 16 JUL 10 (10-3B) Eff 29 Jul

AKTOBE, KAZAKHSTAN
SID

Apt Elev	
738′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2710′ ***(1991′)*** FL by ATC.

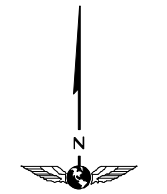
3000′
MSA
AKB VOR

ADRAT 2C *[ADRA2C]*
LITBA 2C *[LITB2C]*
OMITO 2C *[OMIT2C]*
RIGDO 2C *[RIGD2C]*
RWY 13 DEPARTURES
TO EAST



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

FL CONVERSION	
FL39	***FL1200m***



NOT TO SCALE

SID	ROUTING
ADRAT 2C	Climb to 2040′ ***(1321′)***, turn LEFT, 067° track, intercept AKB R-097 to ADRAT.
LITBA 2C	Climb to 2040′ ***(1321′)***, turn LEFT, 046° track, intercept AKB R-076 to LITBA.
OMITO 2C	Climb to 2040′ ***(1321′)***, turn LEFT, 057° track, intercept AKB R-087 to OMITO.
RIGDO 2C	Climb to 2040′ ***(1321′)***, turn LEFT, 073° track, intercept AKB R-103 to RIGDO

CHANGES: SIDs renumbered & revised.

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UATT/AKX
AKTOBE

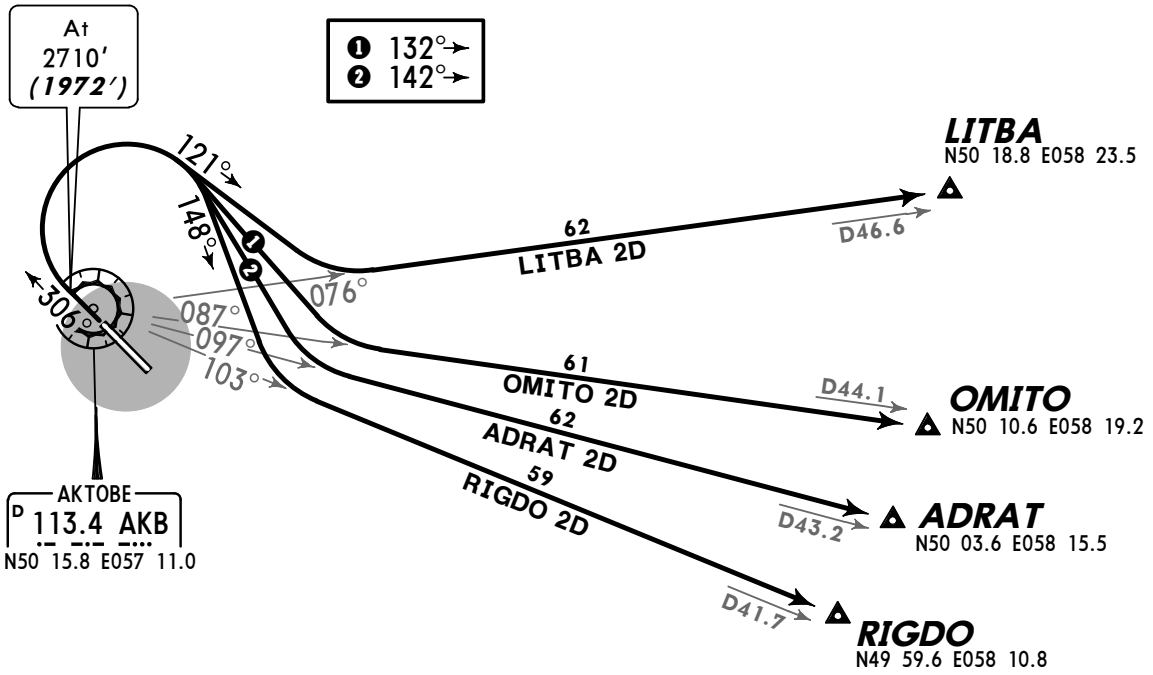
JEPPESEN 16 JUL 10 (10-3C) Eff 29 Jul

AKTOBE, KAZAKHSTAN
SID

Apt Elev	
738′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2710′ ***(1972′)*** FL by ATC.

3000′
MSA
AKB VOR

ADRAT 2D *[ADRA2D]*
LITBA 2D *[LITB2D]*
OMITO 2D *[OMIT2D]*
RIGDO 2D *[RIGD2D]*
RWY 31 DEPARTURES
TO EAST



NOT TO SCALE

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

FL CONVERSION	
FL39	***FL1200m***

SID	ROUTING
ADRAT 2D	Climb to 2710′ ***(1972′)***, turn RIGHT, 142° track, intercept AKB R-097 to ADRAT.
LITBA 2D	Climb to 2710′ ***(1972′)***, turn RIGHT, 121° track, intercept AKB R-076 to LITBA.
OMITO 2D	Climb to 2710′ ***(1972′)***, turn RIGHT, 132° track, intercept AKB R-087 to OMITO.
RIGDO 2D	Climb to 2710′ ***(1972′)***, turn RIGHT, 148° track, intercept AKB R-103 to RIGDO

CHANGES: SIDs renumbered & revised.

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UATT/AKX
AKTOBE

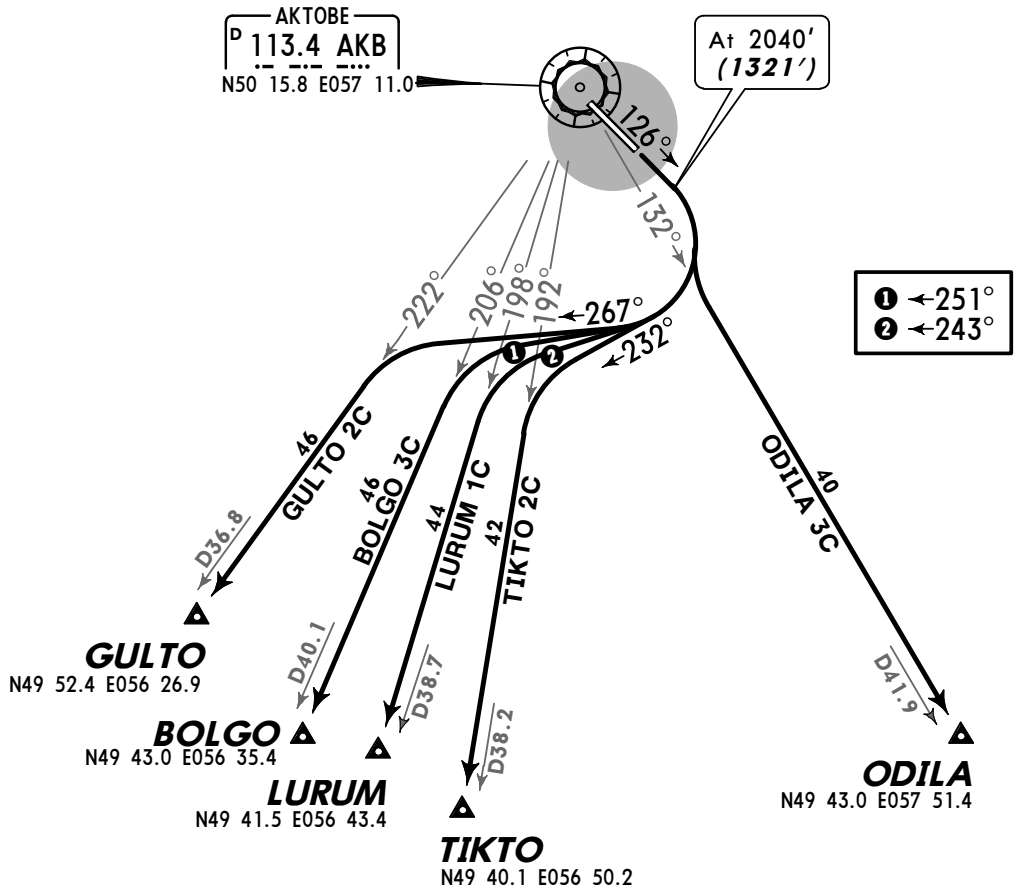
JEPPESEN 16 JUL 10 (10-3D) Eff 29 Jul

AKTOBE, KAZAKHSTAN
SID

Apt Elev	
738′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2710′ ***(1991′)*** FL by ATC.

3000′
MSA
AKB VOR

BOLGO 3C *[BOLG3C]*
GULTO 2C *[GULT2C]*
LURUM 1C *[LURU1C]*
ODILA 3C *[ODIL3C]*
TIKTO 2C *[TIKT2C]*
RWY 13 DEPARTURES
TO SOUTH



NOT TO SCALE

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

FL CONVERSION	
FL39	***FL1200m***

SID	ROUTING
BOLGO 3C	Climb to 2040′ ***(1321′)***, turn RIGHT, 251° track, intercept AKB R-206 to BOLGO.
GULTO 2C	Climb to 2040′ ***(1321′)***, turn RIGHT, 267° track, intercept AKB R-222 to GULTO.
LURUM 1C	Climb to 2040′ ***(1321′)***, turn RIGHT, 243° track, intercept AKB R-198 to LURUM.
ODILA 3C	Climb to 2040′ ***(1321′)***, turn RIGHT, intercept AKB R-132 to ODILA.
TIKTO 2C	Climb to 2040′ ***(1321′)***, turn RIGHT, 232° track, intercept AKB R-192 to TIKTO.

CHANGES: SIDs renumbered & revised: SID LURUM 1C established.

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UATT/AKX
AKTOBE

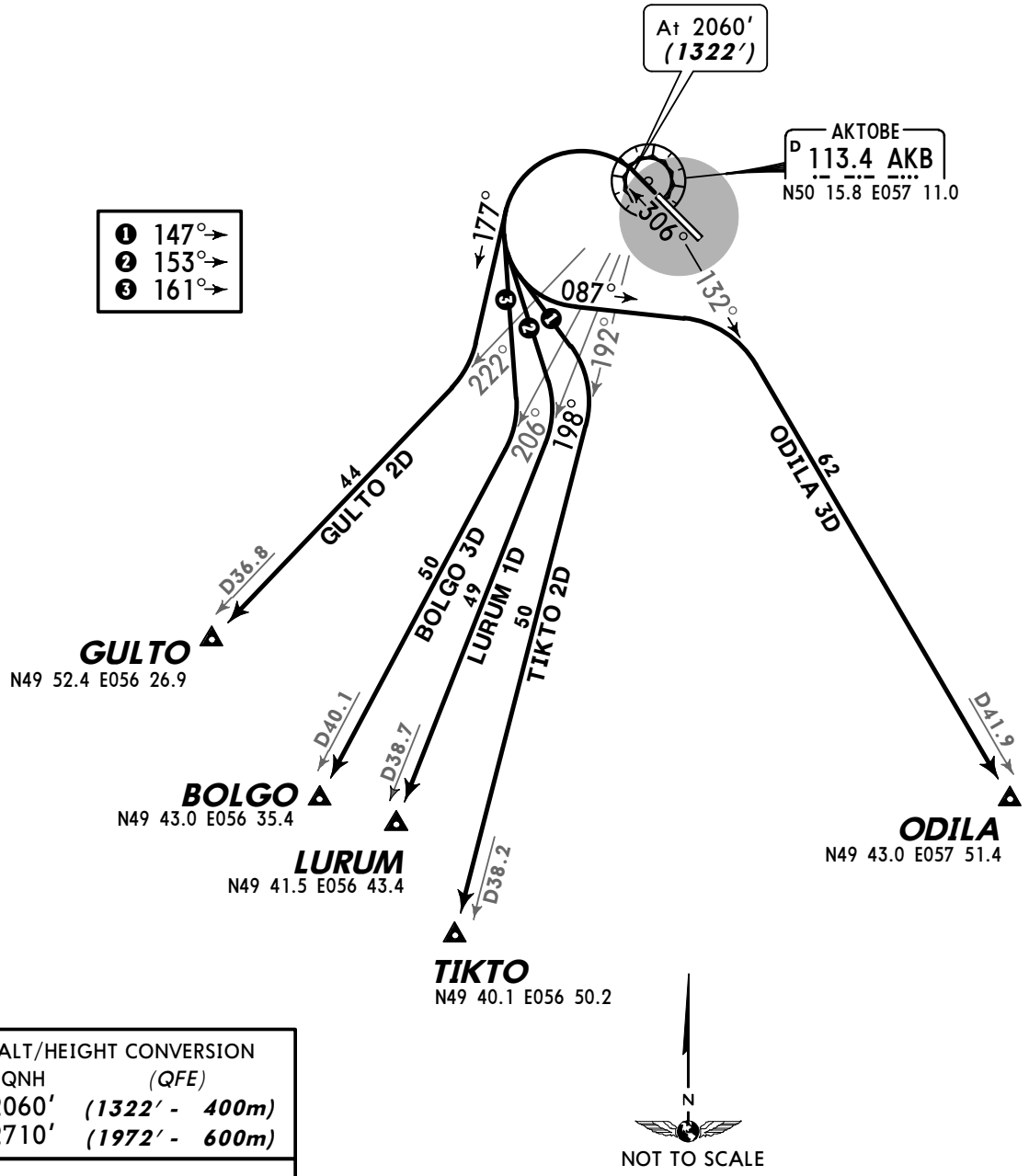
JEPPESEN 16 JUL 10 (10-3E) Eff 29 Jul

AKTOBE, KAZAKHSTAN
SID

Apt Elev	
738′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2710′ ***(1972′)*** FL by ATC.

3000′
MSA
AKB VOR

BOLGO 3D *[BOLG3D]*
GULTO 2D *[GULT2D]*
LURUM 1D *[LURU1D]*
ODILA 3D *[ODIL3D]*
TIKTO 2D *[TIKT2D]*
RWY 31 DEPARTURES
TO SOUTH



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

FL CONVERSION	
FL39	***FL1200m***

SID	ROUTING
BOLGO 3D	Climb to 2060′ ***(1322′)***, turn LEFT, 161° track, intercept AKB R-206 to BOLGO.
GULTO 2D	Climb to 2060′ ***(1322′)***, turn LEFT, 177° track, intercept AKB R-222 to GULTO.
LURUM 1D	Climb to 2060′ ***(1322′)***, turn LEFT, 153° track, intercept AKB R-198 to LURUM.
ODILA 3D	Climb to 2060′ ***(1322′)***, turn LEFT, 087° track, intercept AKB R-132 to ODILA.
TIKTO 2D	Climb to 2060′ ***(1322′)***, turn LEFT, 147° track, intercept AKB R-192 to TIKTO.

CHANGES: SIDs renumbered & revised; SID LURUM 1D established.

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AKTOBE

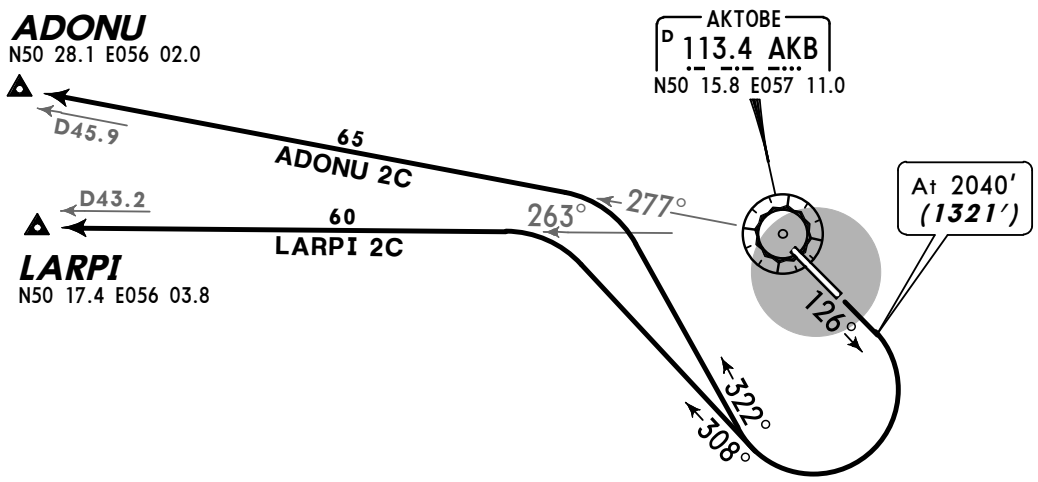
JEPPESEN 16 JUL 10 (10-3F) Eff 29 Jul

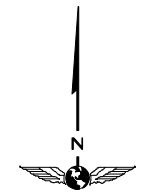
AKTOBE, KAZAKHSTAN
SID

Apt Elev	
738′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2710′ ***(1991′)*** FL by ATC.

3000′
MSA
AKB VOR

ADONU 2C *[ADON2C]*
LARPI 2C *[LARP2C]*
RWY 13 DEPARTURES
TO WEST





NOT TO SCALE

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

FL CONVERSION	
FL39	***FL1200m***

SID	ROUTING
ADONU 2C	Climb to 2040′ ***(1321′)***, turn RIGHT, 322° track, intercept AKB R-277 to ADONU.
LARPI 2C	Climb to 2040′ ***(1321′)***, turn RIGHT, 308° track, intercept AKB R-263 to LARPI.

CHANGES: SIDs renumbered & revised.

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UATT/AKX
AKTOBE

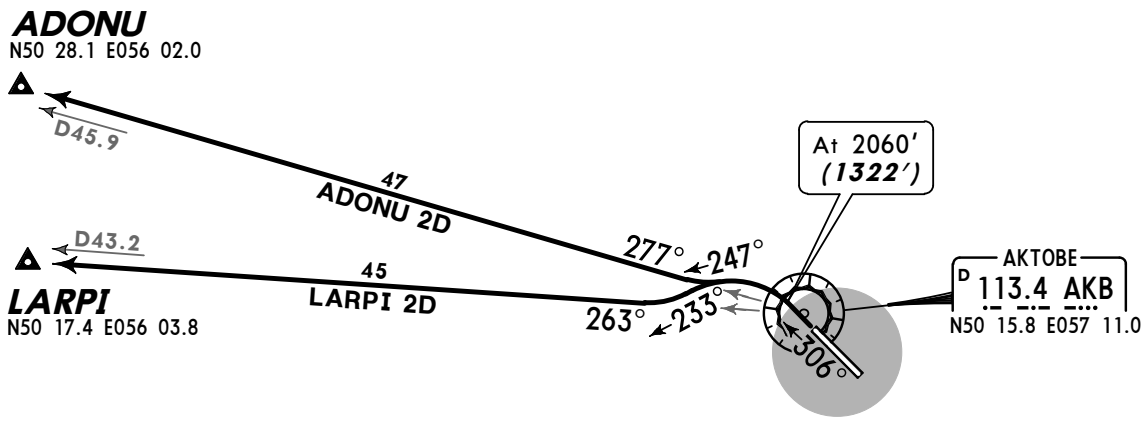
JEPPESEN 16 JUL 10 (10-3G) Eff 29 Jul

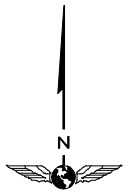
AKTOBE, KAZAKHSTAN
SID

Apt Elev	
738′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2710′ ***(1972′)*** FL by ATC.

3000′
MSA
AKB VOR

ADONU 2D *[ADON2D]*
LARPI 2D *[LARP2D]*
RWY 31 DEPARTURES
TO WEST





NOT TO SCALE

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

FL CONVERSION	
FL39	***FL1200m***

SID	ROUTING
ADONU 2D	Climb to 2060′ ***(1322′)***, turn LEFT, 247° track, intercept AKB R-277 to ADONU.
LARPI 2D	Climb to 2060′ ***(1322′)***, turn LEFT, 233° track, intercept AKB R-263 to LARPI.

CHANGES: SIDs renumbered & revised.

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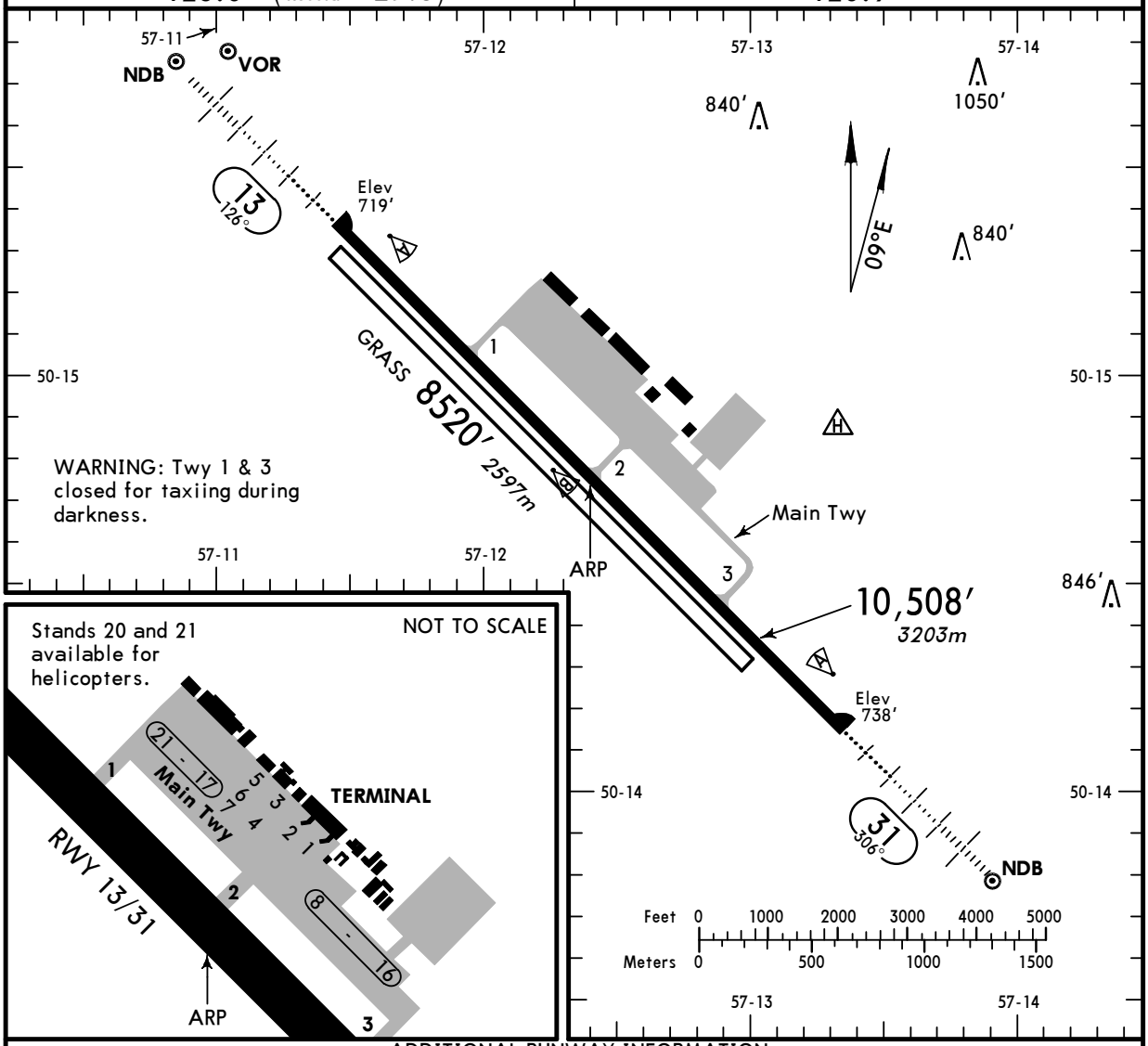
Apt Elev **738′**
N50 14.8 E057 12.4

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

AKTOBE, KAZAKHSTAN

AKTOBE

ATIS	AKTOBE Tower
126.0 (Russian 127.8)	120.9



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS — LANDING BEYOND — Threshold	Glide Slope	TAKE-OFF	WIDTH
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 RL	DAY RCLM	NIGHT RL
A	*400m* [1]	*400m* [1]	*400m* [1]
B			
C		*500m*	*400m*
D			

[1] LVP must be in force: 300m.

CHANGES: None.

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STRAIGHT-IN RWY		A	B	C	D
13	ILS	**919′**(200′) **800m**	**919′**(200′) **800m**	**919′**(200′) **800m**	**919′**(200′) **800m**
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR ❶	**1380′**(661′) **3000m**	**1380′**(661′) **3000m**	**1710′**(991′) **5000m**	**1710′**(991′) **5000m**
	NDB	**1400′**(681′) **3000m**	**1400′**(681′) **3000m**	**1710′**(991′) **5000m**	**1710′**(991′) **5000m**
31	ILS	**938′**(200′) **800m**	**938′**(200′) **800m**	**938′**(200′) **800m**	**938′**(200′) **800m**
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR ❶	**1400′**(662′) **3000m**	**1400′**(662′) **3000m**	**1730′**(992′) **5000m**	**1730′**(992′) **5000m**
	2 NDB ❶❷❸	**1140′**(402′) **1800m**	**1140′**(402′) **1800m**	**1140′**(402′) **1800m**	**1140′**(402′) **1800m**
	ALS out	1800m	1800m	1900m	1900m
	2 NDB ❷❹	**1140′**(402′) **1800m**	**1140′**(402′) **1800m**	**1140′**(402′) **1800m**	**1140′**(402′) **1800m**
	ALS out	2100m	2100m	2300m	2300m
	2 NDB ❶❸❺	**1170′**(432′) **1800m**	**1170′**(432′) **1800m**	**1170′**(432′) **1800m**	**1170′**(432′) **1800m**
	ALS out	1800m	1800m	2000m	2000m
	2 NDB ❹❺	**1170′**(432′) **1800m**	**1170′**(432′) **1800m**	**1170′**(432′) **1800m**	**1170′**(432′) **1800m**
	ALS out	2200m	2200m	2400m	2400m

❶ Continuous Descent Final Approach.
❷ With LOM.
❸ With FMS.
❹ W/o FMS.
❺ W/o LOM.

TAKE-OFF RWY 13, 31

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

❻ LVP must be in force: 300m.

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STRAIGHT-IN RWY		A	B	C	D
13	ILS	**919**′(200′)	**919**′(200′)	**919**′(200′)	**919**′(200′)
		800m	**800m**	**800m**	**800m**
	ALS out	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR	**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**
	ALS out	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**
	ALS out	1800m	1800m	1800m	2000m
	2 NDB ❷	**1170**′(432′)	**1170**′(432′)	**1170**′(432′)	**1170**′(432′)
		1800m	**1800m**	**1800m**	**1800m**
	ALS out	1800m	1800m	1800m	2000m

❶ With LOM.
❷ W/o LOM.

TAKE-OFF RWY 13, 31

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

❸ LVP must be in force: 300m.

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AKTOBE

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

AKTOBE, KAZAKHSTAN
ILS DME Z Rwy 13

BRIEFING STRIP™

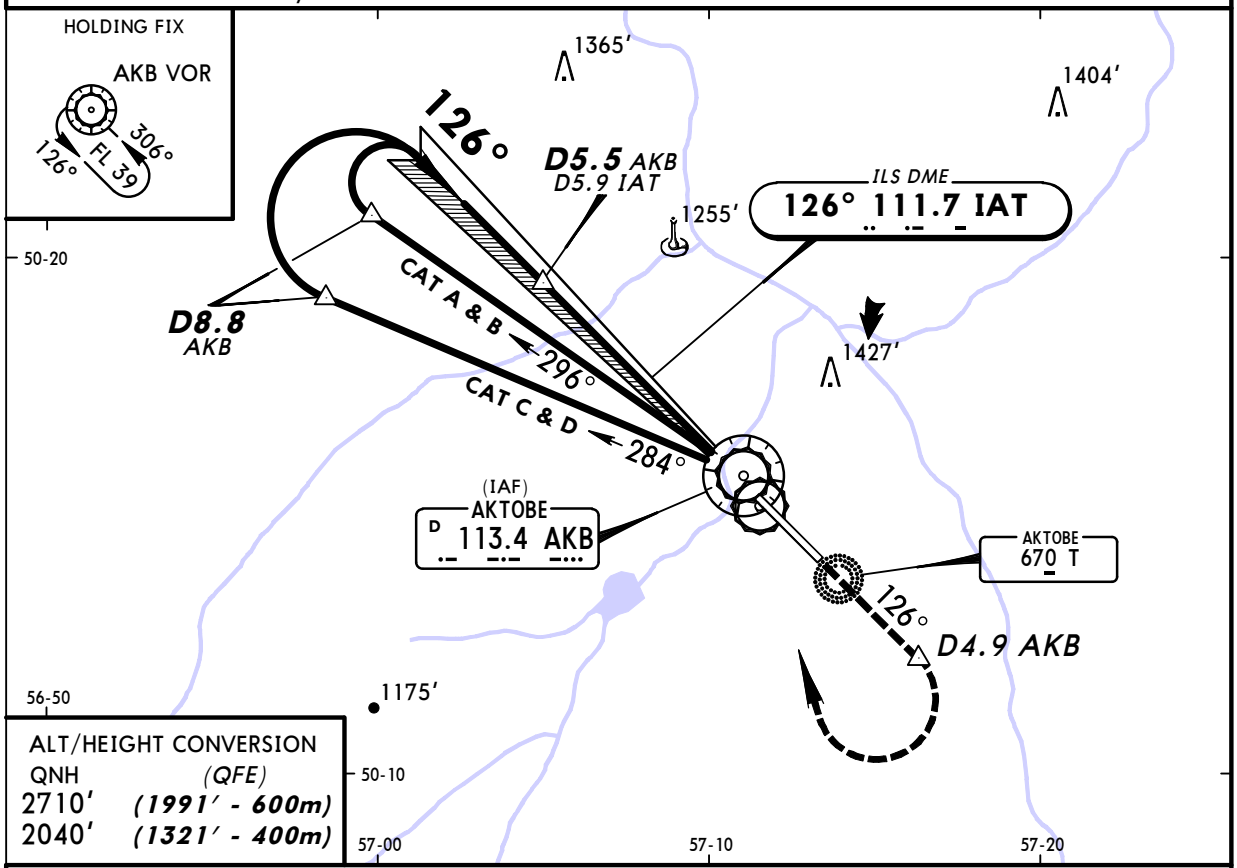
ATIS		AKTOBE Tower
126.0	(Russian 127.8)	120.9

LOC IAT	Final Apch Crs	GS	ILS DA(H)	Apt Elev 738′
111.7	126°	D5.5 AKB 2710′(1991′)	919′(200′)	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.

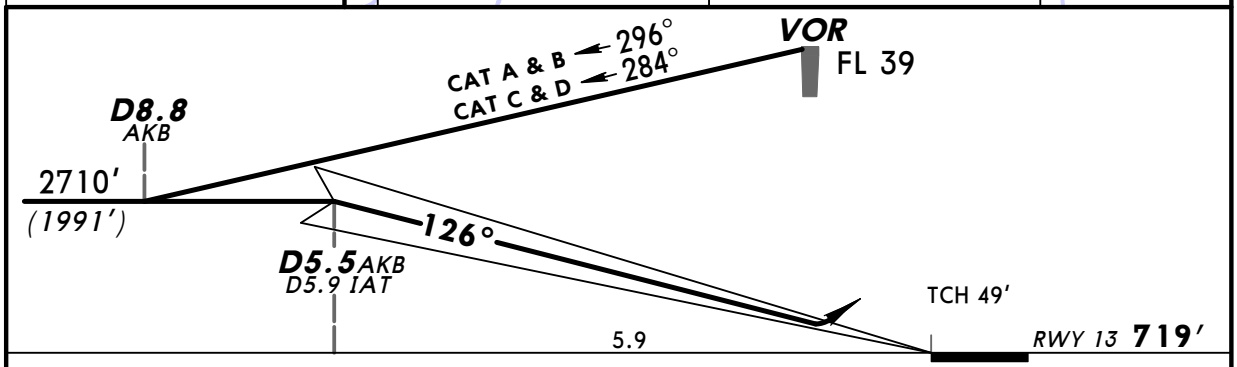
3000′
MSA
AKB VOR

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.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2710′	(1991′ - 600m)
2040′	(1321′ - 400m)



Gnd speed-Kts		70	90	100	120	140	160
GS	3.00°	377	484	538	646	753	861

HIALS
PAPI

2040′ (1321′) or above on 126°

D4.9 AKB

STRAIGHT-IN LANDING RWY 13

	ILS DA(H) 919′(200′) FULL	ILS DA(H) 919′(200′) ALS out	LOC (GS out)
PANS OPS A	800m	1200m	NOT AUTHORIZED
PANS OPS B			
PANS OPS C			
PANS OPS D			

CHANGES: MSA. Procedure.

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UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 (11-2) Eff 8 Apr

AKTOBE, KAZAKHSTAN
ILS DME Y Rwy 13

BRIEFING STRIP ™

ATIS		AKTOBE Tower
126.0	(Russian 127.8)	120.9

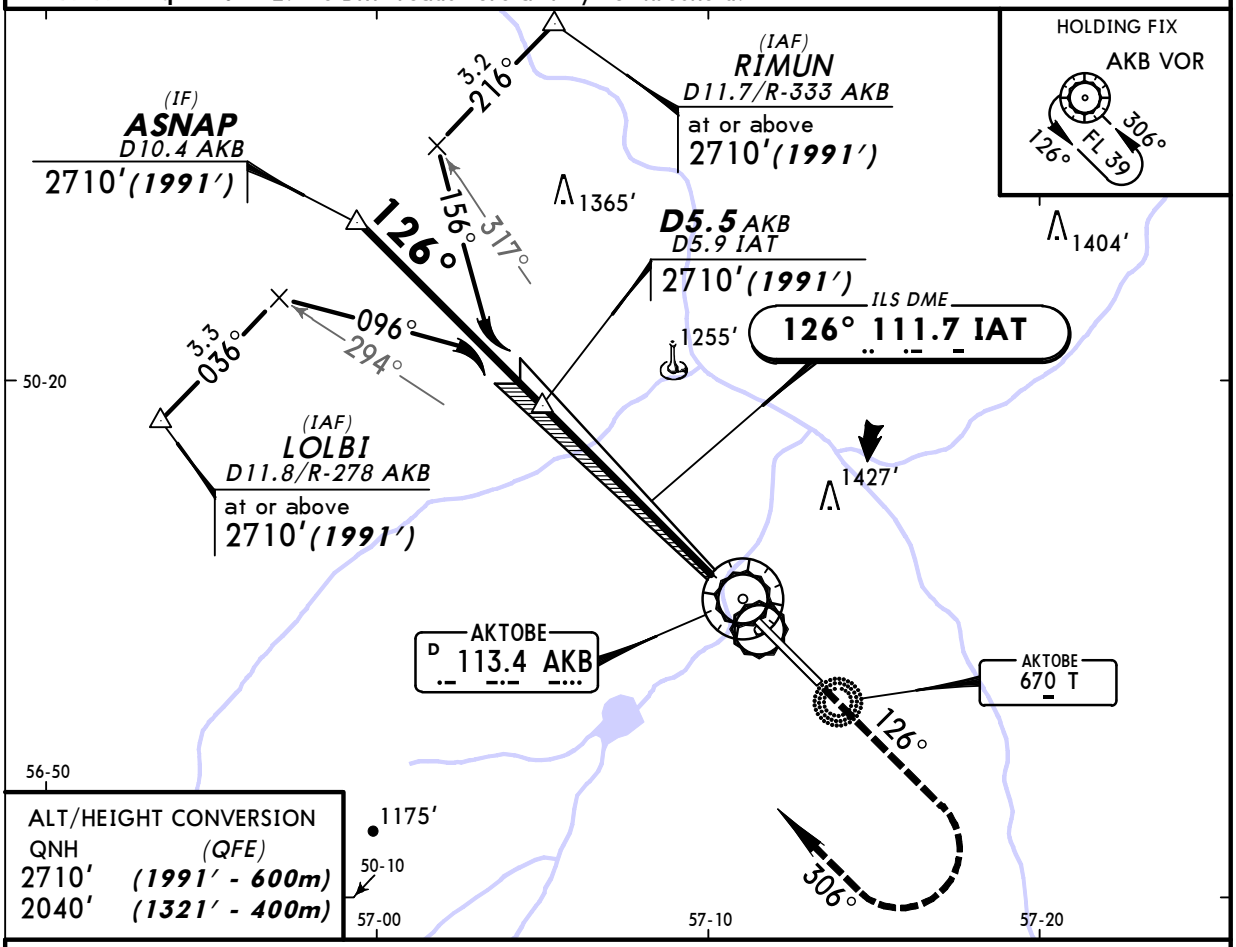
LOC IAT	Final Apch Crs	GS	ILS DA(H)	Apt Elev 738'
111.7	126°	D5.5 AKB 2710'(1991')	919'(200')	RWY 719'

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.

3000'
MSA
AKB VOR

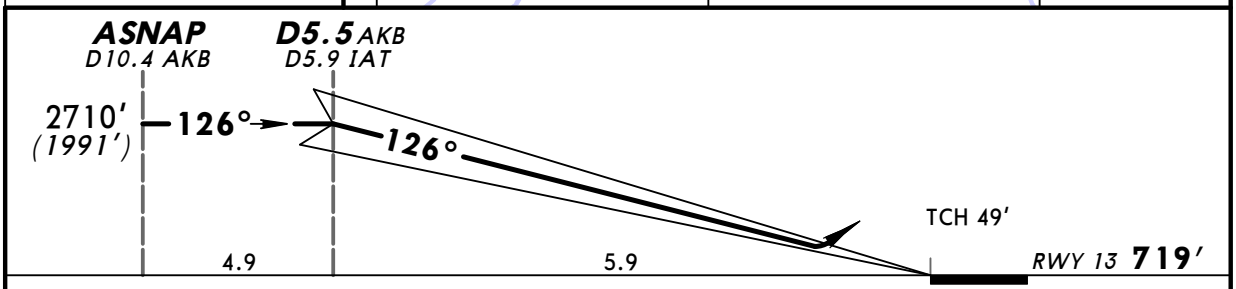
Alt Set: MM (hPa on req) QNH on req **(QFE)** Trans level: FL 39 Trans alt: 2710'(1991')

1. RADAR required. 2. ILS DME reads zero at rwy 13 threshold.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2710'	(1991' - 600m)
2040'	(1321' - 400m)



Gnd speed-Kts	70	90	100	120	140	160
GS 3.00°	377	484	538	646	753	861

HIALS
PAPI

2040' (1321') or above on 126°

STRAIGHT-IN LANDING RWY 13

	ILS DA(H) 919'(200') FULL	ILS DA(H) 919'(200') ALS out	LOC (GS out)
A	800m	1200m	NOT AUTHORIZED
B			
C			
D			

PANS OPS

CHANGES: MSA. Missed apch turn speed restriction. Procedure.

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UATT/AKX
AKTOBE

JEPPESEN
26 MAR 10 (11-3) Eff 8 Apr

AKTOBE, KAZAKHSTAN
ILS DME X Rwy 13

BRIEFING STRIP ™

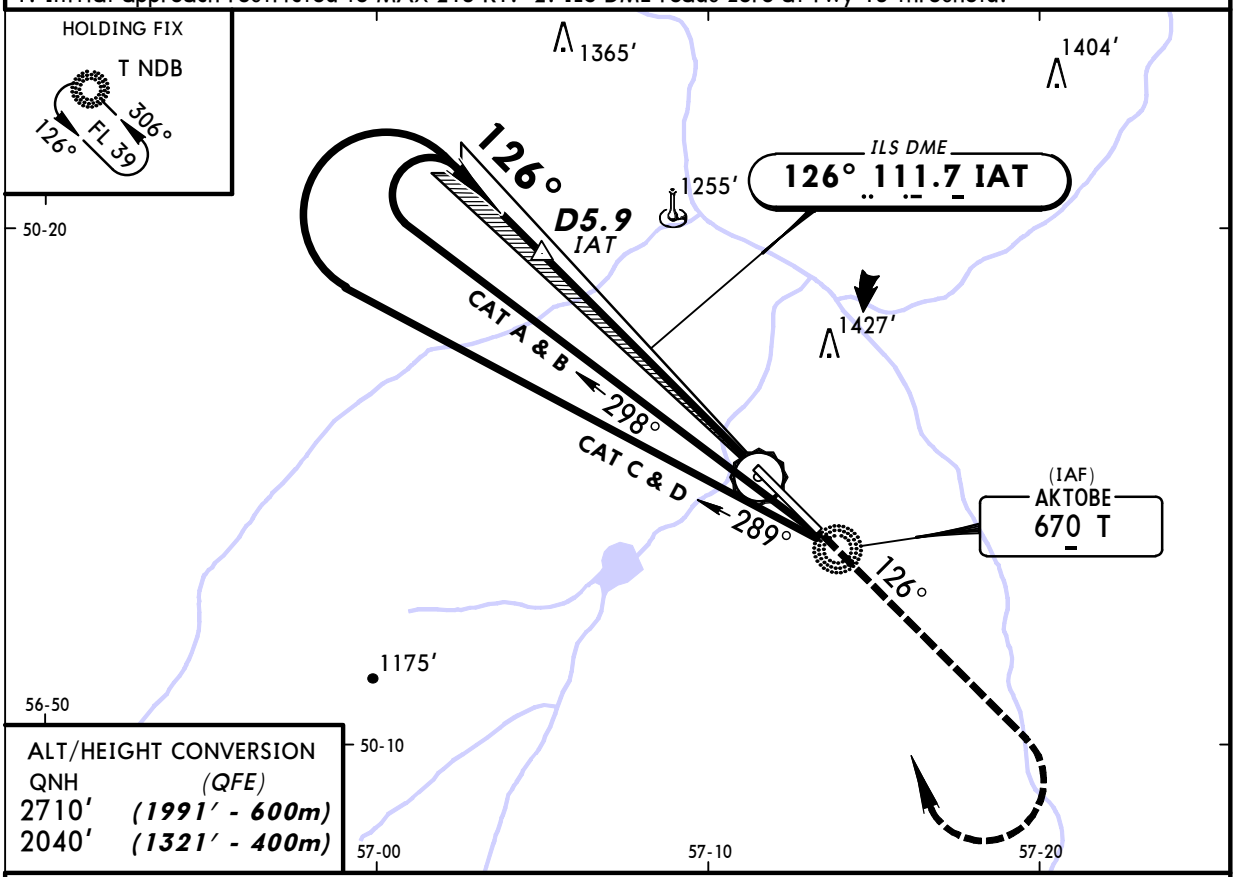
ATIS	AKTOBE Tower
126.0 (Russian 127.8)	120.9

LOC IAT	Final Apch Crs	GS D5.9 IAT	ILS DA(H)	Apt Elev 738'
111.7	126°	2710' (1991')	919' (200')	RWY 719'

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.

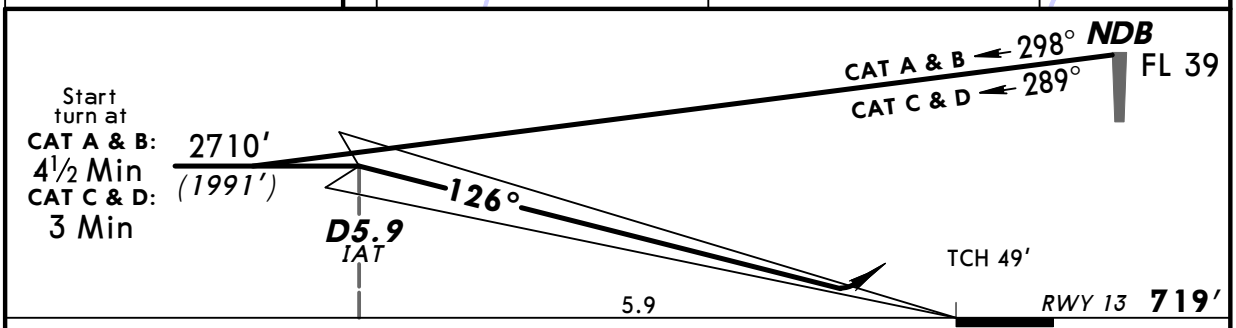
3000'
MSA T NDB

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.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2710'	(1991' - 600m)
2040'	(1321' - 400m)



Gnd speed-Kts	70	90	100	120	140	160
GS 3.00°	377	484	538	646	753	861

HIALS
PAPI
2040' (1321') or above on 126°

STRAIGHT-IN LANDING RWY 13

	ILS DA(H) 919' (200') FULL	ILS DA(H) 919' (200') ALS out	LOC (GS out)
PANS OPS A	800m	1200m	NOT AUTHORIZED
PANS OPS B			
PANS OPS C			
PANS OPS D			

CHANGES: MSA. Missed apch. Procedure.

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AKTOBE

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

AKTOBE, KAZAKHSTAN
ILS Z Rwy 31

BRIEFING STRIP ™

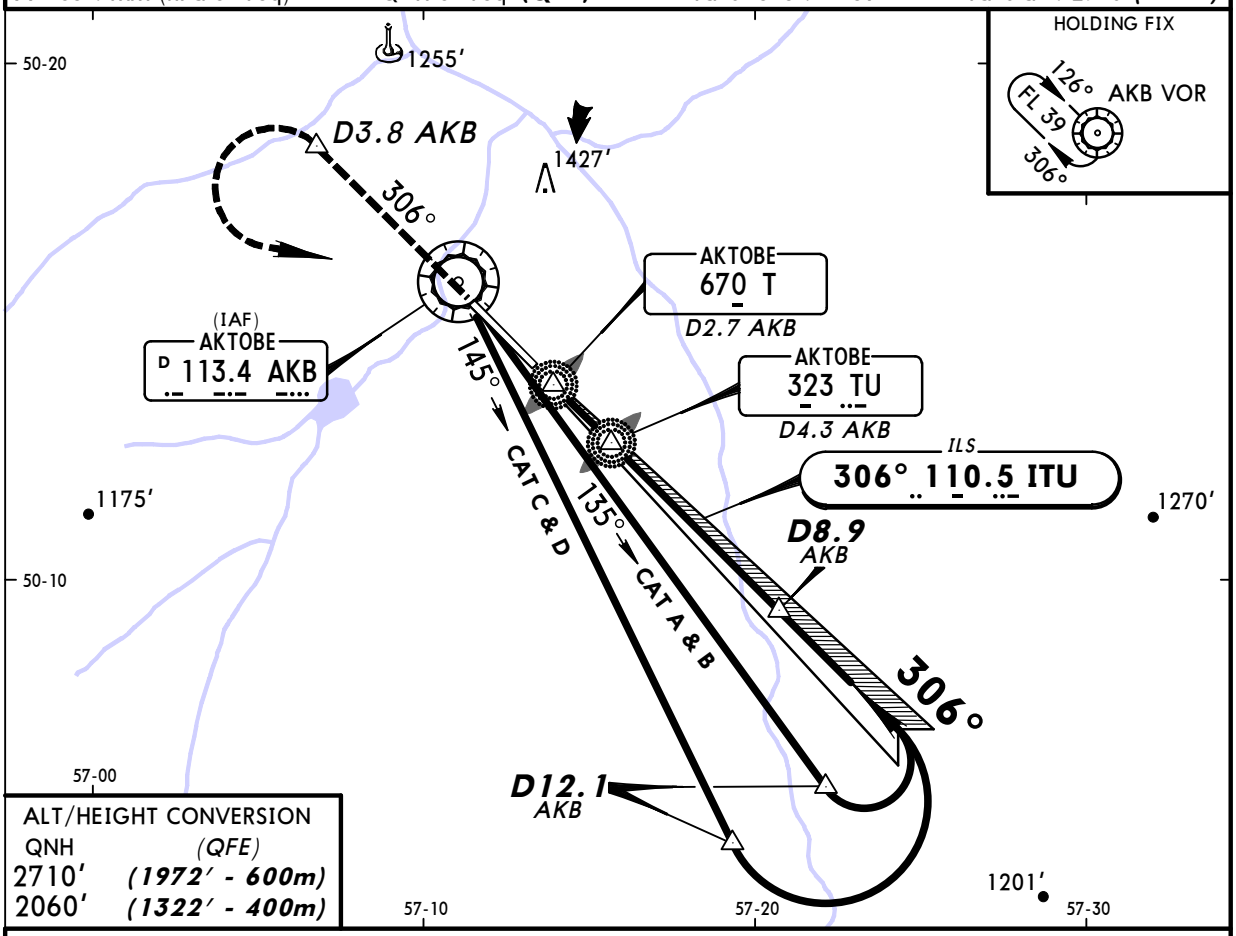
ATIS		AKTOBE Tower
126.0	(Russian 127.8)	120.9

LOC ITU	Final Apch Crs	GS LOM	ILS DA(H)	Apt Elev 738'
110.5	306°	1381' (643')	938' (200')	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.

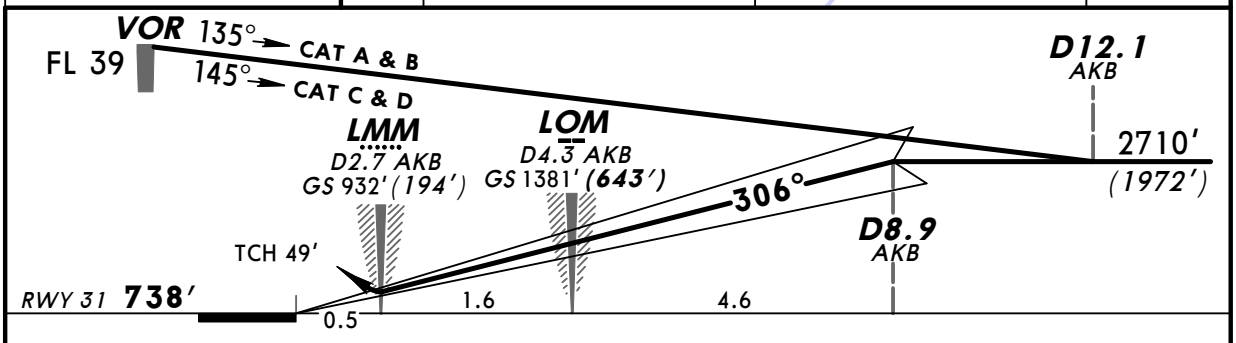
3000'
MSA AKB VOR

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



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

HIALS PAPI | 2060' (1322') or above on 306° | D3.8 AKB

STRAIGHT-IN LANDING RWY 31

	ILS DA(H) 938' (200') FULL	ILS DA(H) 938' (200') ALS out	LOC (GS out)
A	800m	1200m	NOT AUTHORIZED
B			
C			
D			

PANS OPS

CHANGES: MSA. Procedure.

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JEPPESEN
26 MAR 10 (11-5) Eff 8 Apr

AKTOBE, KAZAKHSTAN
ILS Y Rwy 31

BRIEFING STRIP ™

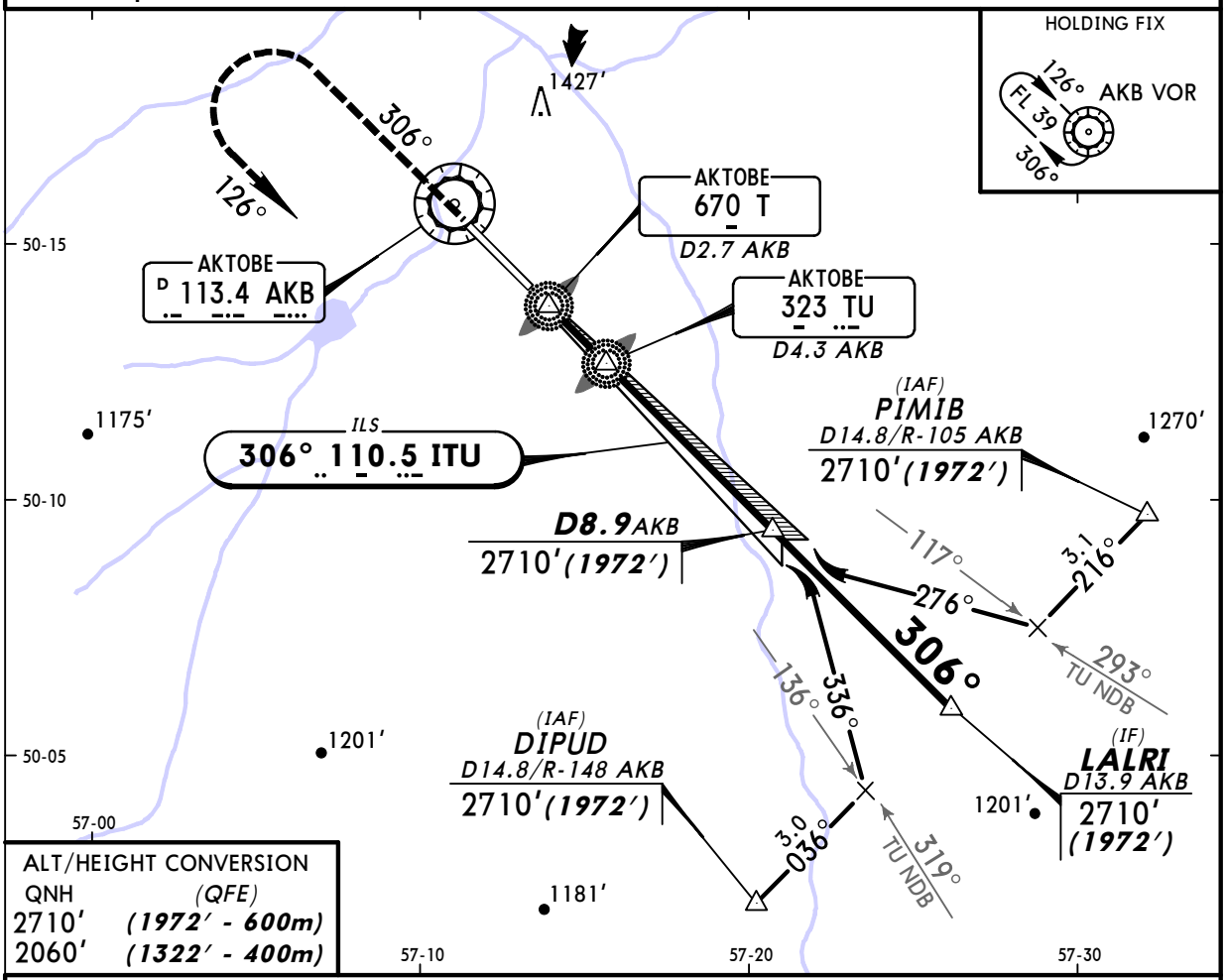
ATIS		AKTOBE Tower
126.0	(Russian 127.8)	120.9

LOC ITU	Final Apch Crs	GS LOM	ILS DA(H)	Apt Elev 738'
110.5	306°	1381' (643')	938' (200')	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.

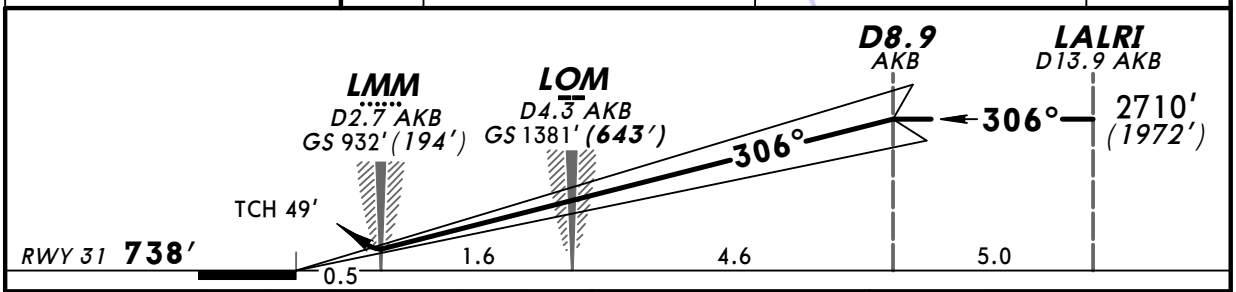
3000'
MSA
AKB VOR

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

HIALS
PAPI

2060' (1322') or above on 306°

STRAIGHT-IN LANDING RWY 31

	ILS DA(H) 938' (200') FULL	ILS DA(H) 938' (200') ALS out	LOC (GS out)
PANS OPS A	800m	1200m	NOT AUTHORIZED
PANS OPS B			
PANS OPS C			
PANS OPS D			

CHANGES: MSA. Missed apch turn speed restriction. TCH.

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JEPPESEN 26 MAR 10 (11-6) Eff 8 Apr

AKTOBE, KAZAKHSTAN
ILS X Rwy 31

BRIEFING STRIP ™

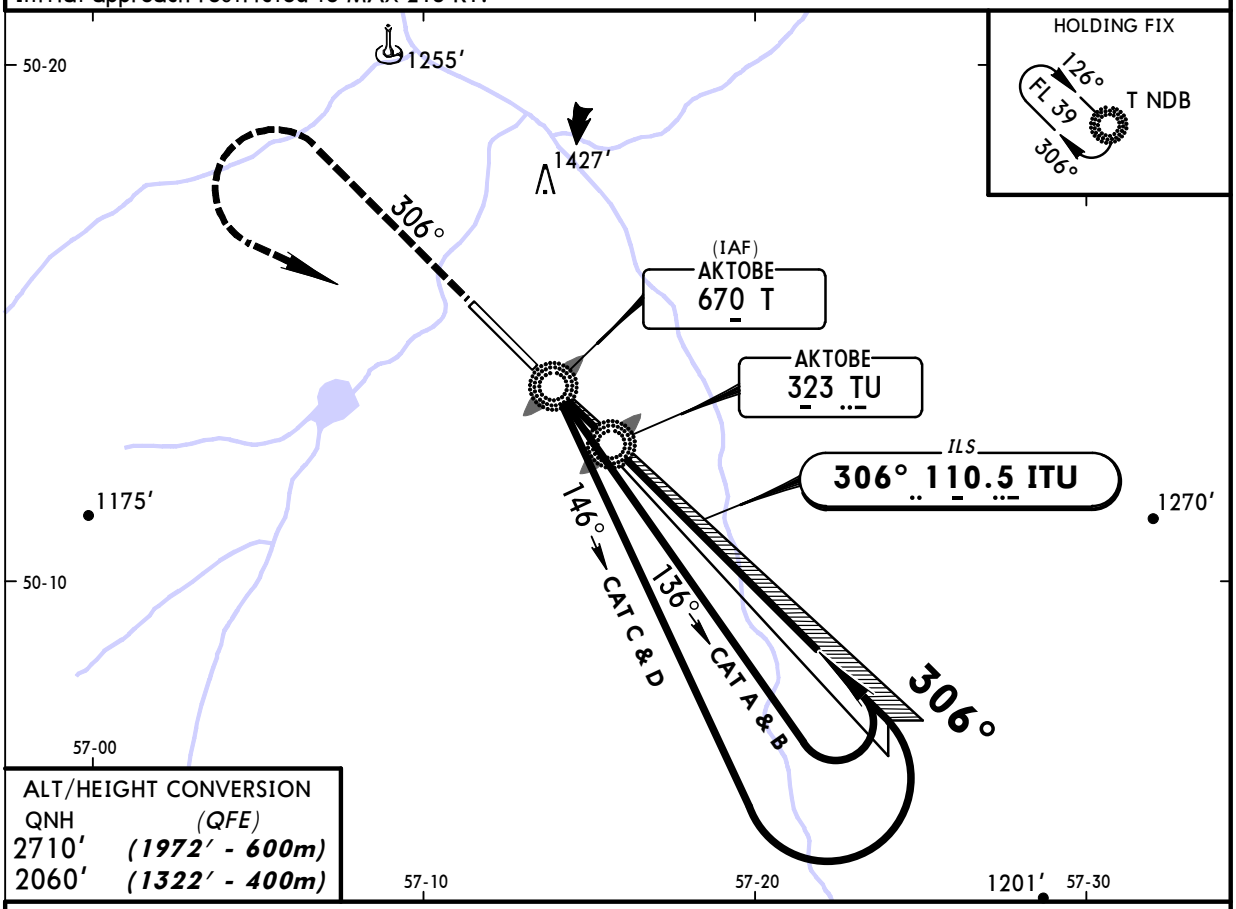
ATIS		AKTOBE Tower
126.0	(Russian 127.8)	120.9

LOC ITU	Final Apch Crs	GS LOM	ILS DA(H)	Apt Elev 738'
110.5	306°	1381' (643')	938' (200')	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.

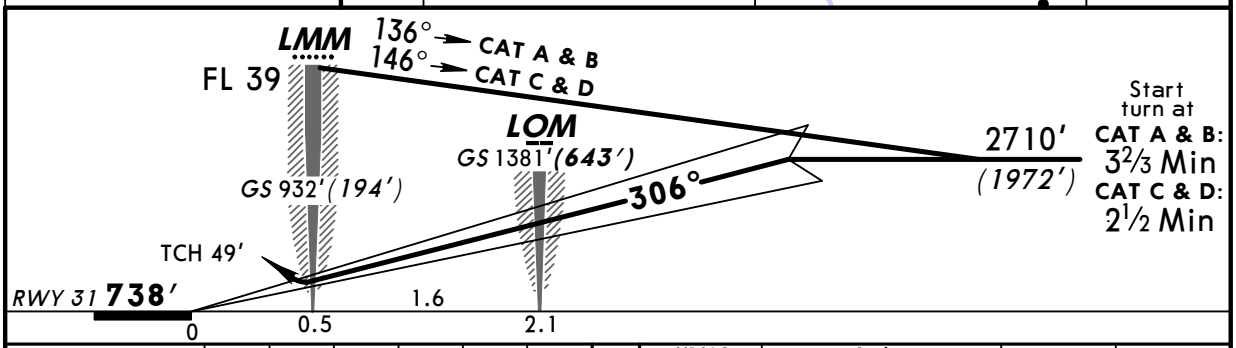
3000'
MSA
T NDB

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
GS	2.67°	332	427	474	569	664	759

HIALS
PAPI

2060' (1322') or above on 306°

225 KT MAX LT

T 670

STRAIGHT-IN LANDING RWY 31

	ILS DA(H) 938' (200') FULL	ILS DA(H) 938' (200') ALS out	LOC (GS out)
PANS OPS A	800m	1200m	NOT AUTHORIZED
PANS OPS B			
PANS OPS C			
PANS OPS D			

CHANGES: MSA. Procedure. TCH.

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UATT/AKX
AKTOBE

JEPPESEN 26 MAR 10 (13-1) Eff 8 Apr

AKTOBE, KAZAKHSTAN
VOR DME Rwy 13

BRIEFING STRIP ™

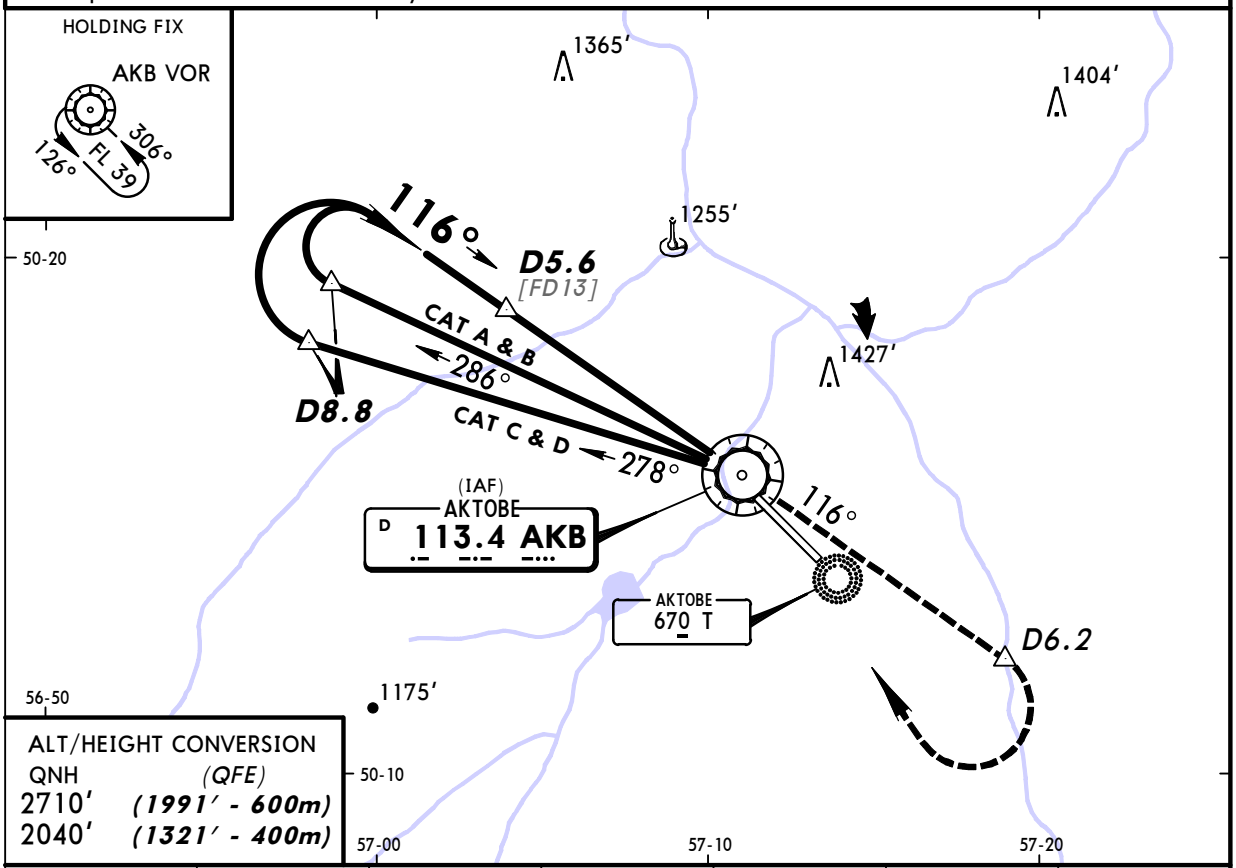
ATIS	AKTOBE Tower
126.0 (Russian 127.8)	120.9

VOR	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev 738′
AKB 113.4	116°	D5.6 2710′(1991′)	Refer to Minimums	RWY 719′

3000′ MSA AKB VOR

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.

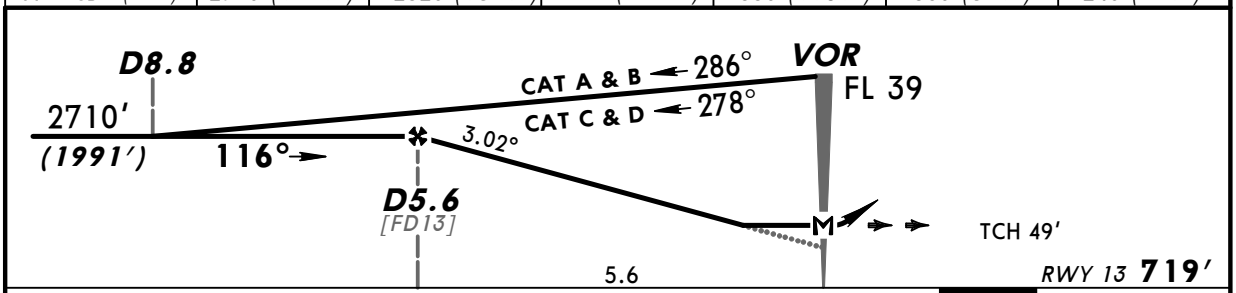
Alt Set: MM (hPa on req) QNH on req **(QFE)** Trans level: FL 39 Trans alt: 2710′(1991′)
Final apch track offset 10° from rwy centerline.



ALT/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						

HIALS PAPI 2040′ (1321′) or above on 116° D6.2

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

PANS OPS

A	3000m
B	
C	5000m
D	

CHANGES: MSA.

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UATT/AKX AKTOBE

JEPPESEN 26 MAR 10 (13-2) Eff 8 Apr

AKTOBE, KAZAKHSTAN VOR DME Rwy 31

BRIEFING STRIP ™

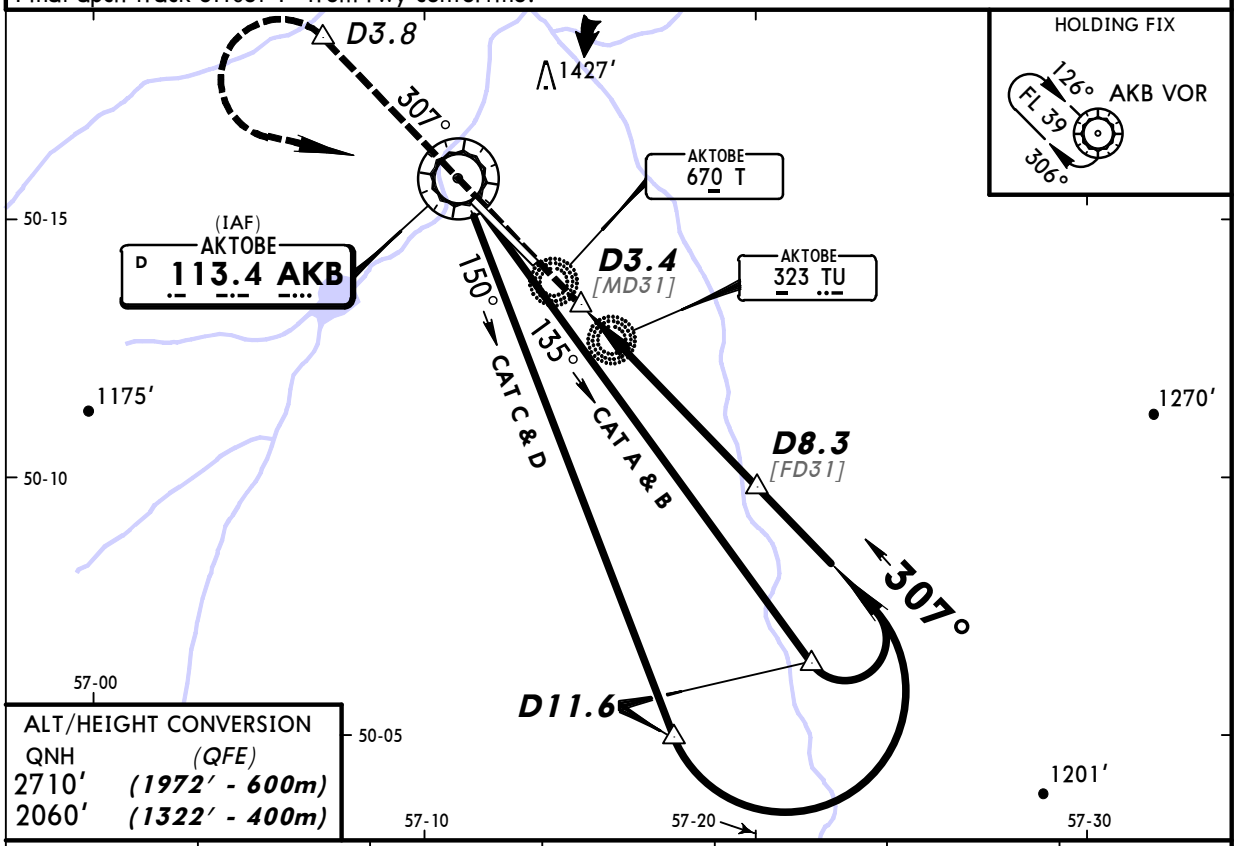
ATIS		AKTOBE Tower
126.0	(Russian 127.8)	120.9

VOR	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev 738′
AKB 113.4	307°	D8.3 2710′(1972′)	Refer to Minimums	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.

3000′
MSA AKB VOR

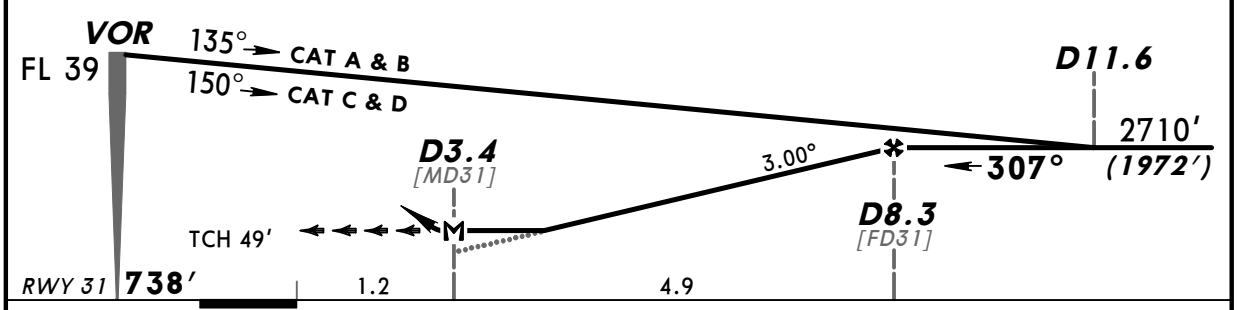
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2710′(1972′)
Final apch track offset 1° from rwy centerline.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2710′	(1972′ - 600m)
2060′	(1322′ - 400m)

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
Descent angle	3.00°	372	478	531	637	743	849
MAP at D3.4							

HIALS PAPI

2060′ (1322′) or above on 307° D3.8

STRAIGHT-IN LANDING RWY 31

MDA(H) AB: 1400′(662′)
CD: 1730′(992′)

ALS out

PANS OPS

A	3000m
B	
C	5000m
D	

CHANGES: MSA. Procedure.

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JEPPESEN
26 MAR 10 (16-1) Eff 8 Apr

AKTOBE, KAZAKHSTAN
NDB Rwy 13

BRIEFING STRIP ™

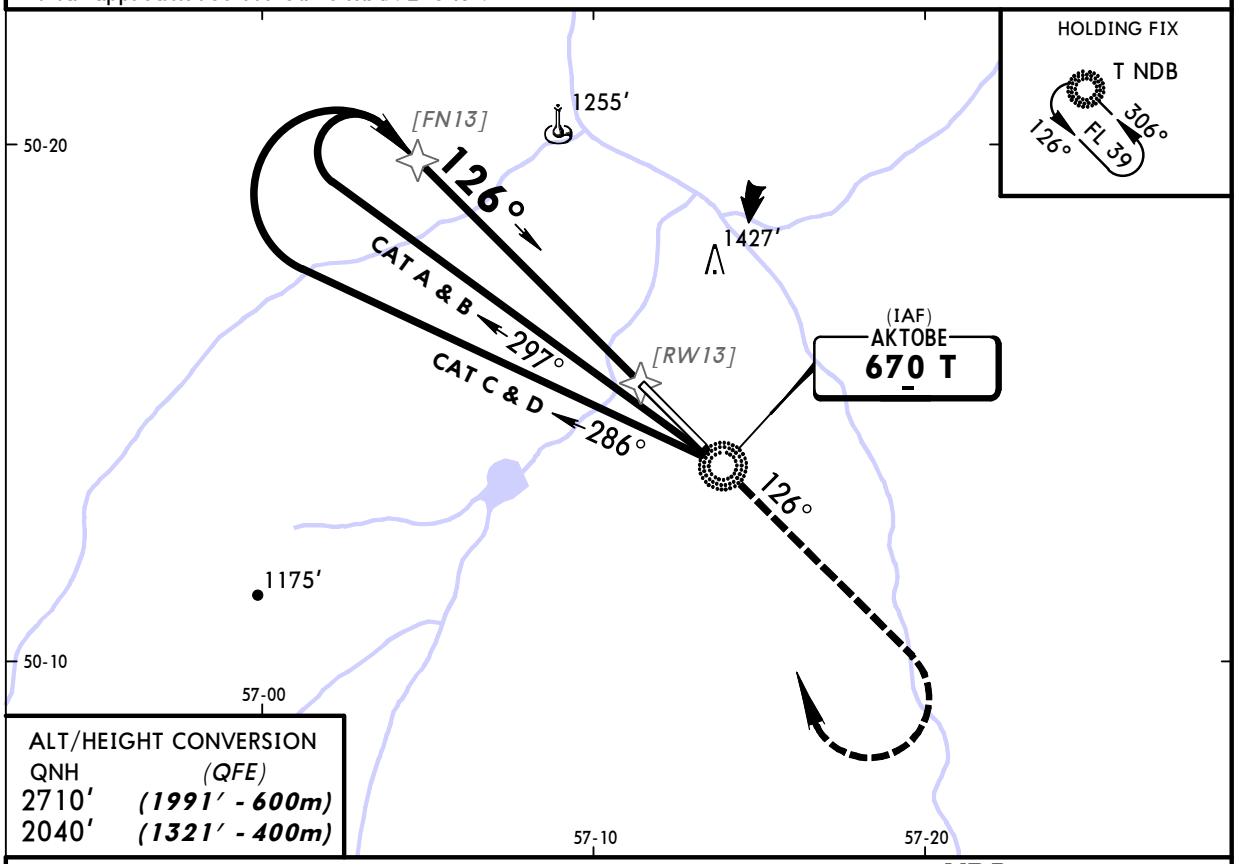
ATIS	AKTOBE Tower
126.0 (Russian 127.8)	120.9

NDB	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev 738'
T		No FAF	Refer to Minimums	RWY 719'
670	126°			

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.

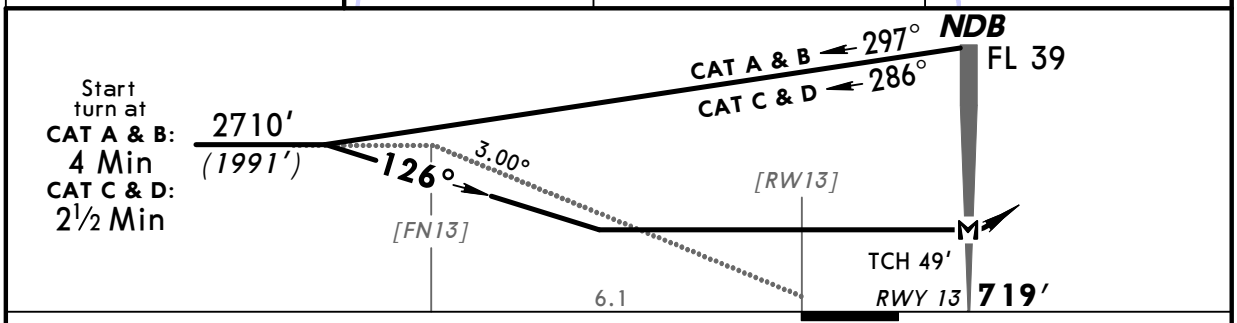
3000'
MSA
T NDB

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
Descent angle 3.00°	372	478	531	637	743	849
MAP at NDB						

HIALS
PAPI
2040' *(1321')* or above on 126°

STRAIGHT-IN LANDING RWY **13**

MDA(H) AB: 1400' *(681')*
CD: 1710' *(991')*

ALS out

PANS OPS

A	3000m
B	
C	5000m
D	

CHANGES: New procedure.

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JEPPESEN
26 MAR 10 (16-2) Eff 8 Apr

AKTOBE, KAZAKHSTAN
2 NDB Rwy 31

BRIEFING STRIP ™

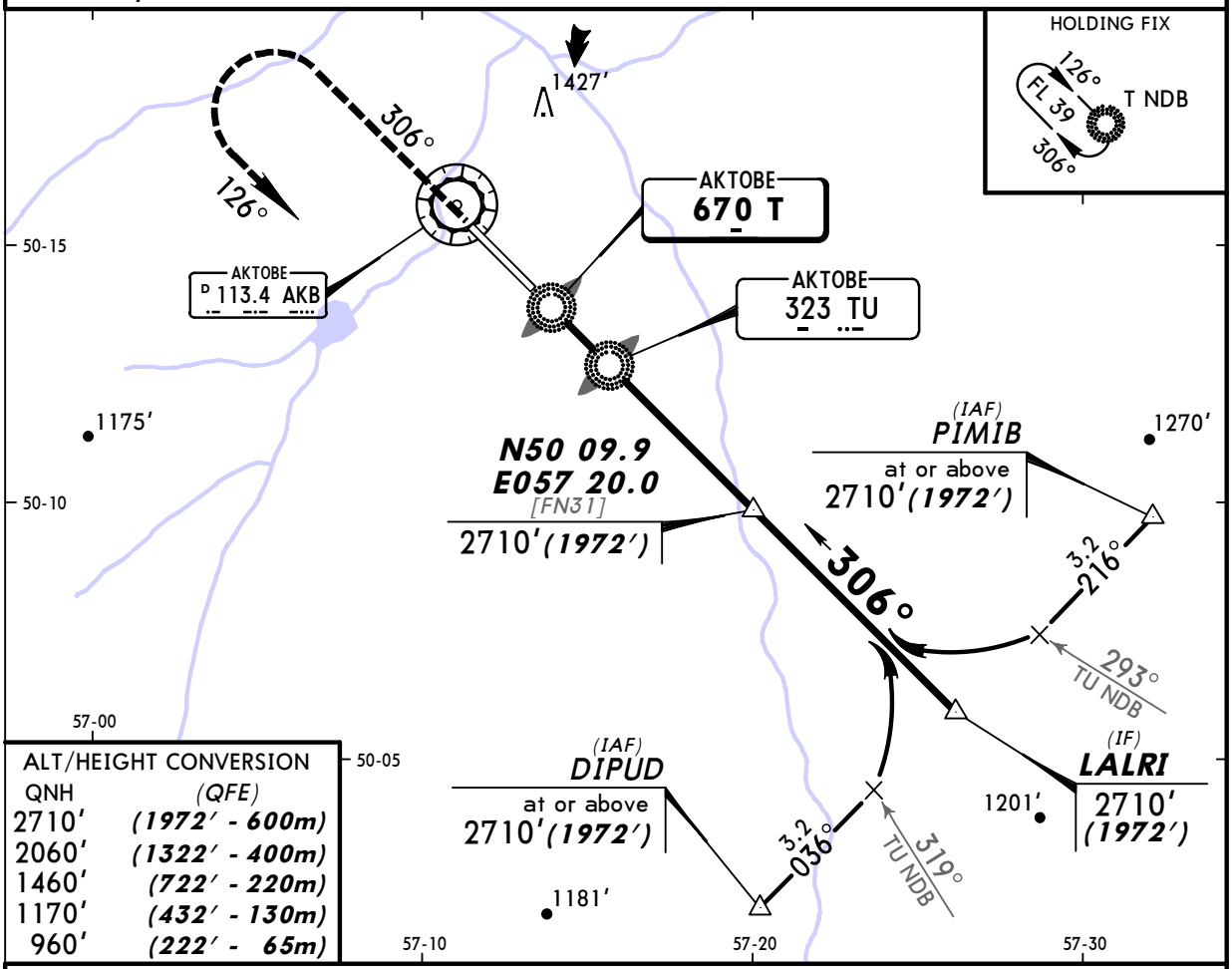
ATIS		AKTOBE Tower
126.0 (Russian 127.8)		120.9

NDB	Final	Minimum Alt	MDA(H)	Apt Elev 738'
T	Apch Crs	N50 09.9 E057 20.0	(CONDITIONAL)	RWY 738'
670	306°	2710'(1972')	1140'(402')	

3000'
MSA
T NDB

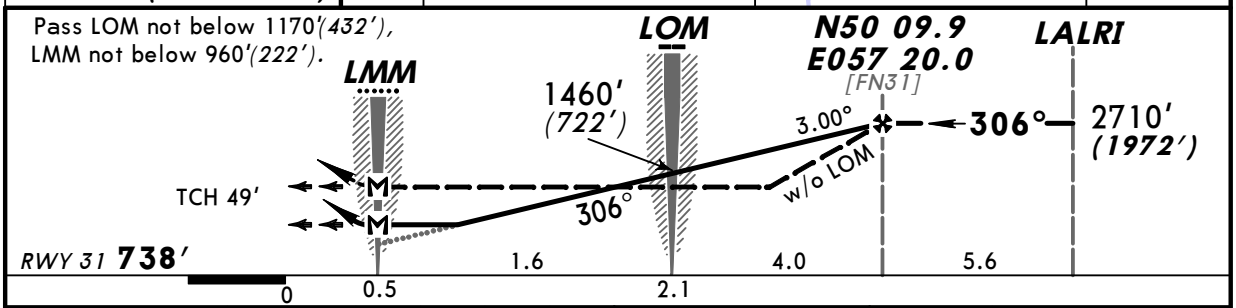
MISSED APCH: Climb on 306° to 2060'(1322') or above, then turn LEFT (MAX 225 KT) onto 126° climbing to 2710' (1972'), then as directed. Do not turn before passing LMM.

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



ALT/HEIGHT CONVERSION

QNH	(QFE)
2710'	(1972' - 600m)
2060'	(1322' - 400m)
1460'	(722' - 220m)
1170'	(432' - 130m)
960'	(222' - 65m)



Gnd speed-Kts	70	90	100	120	140	160
Descent angle 3.00°	372	478	531	637	743	849
MAP at LMM						

HIALS
PAPI

2060'
(1322')
or above on 306°

STRAIGHT-IN LANDING RWY 31

with LOM		w/o LOM	
MDA(H) 1140'(402')		MDA(H) 1170'(432')	
	ALS out		ALS out

PANS OPS

A		
B	1800m	1800m
C		
D		

CHANGES: MSA. Missed apch turn speed restriction. TCH.

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