

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

No revision activity since Disc 09-2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UATE

General Info

Aktau, KAZ

N 43° 51.6' E 51° 05.5' Mag Var: 6.0°E

Elevation: 72'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet, Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+5:00 no DST

Runway Info

Runway 12-30 8701' x 148' asphalt

Runway 12 (116.0°M) TDZE 69'

Lights: Edge, ALS

Runway 30 (296.0°M) TDZE 52'

Lights: Edge, ALS

Communications InfoATIS **130.1**ATIS **126.2** Non-EnglishAktau Tower **120.7**Aktau Approach Control **134.3****Notebook Info**

UATE/SCO
AKTAU

JEPPesen
15 APR 11 **(10-1R)**

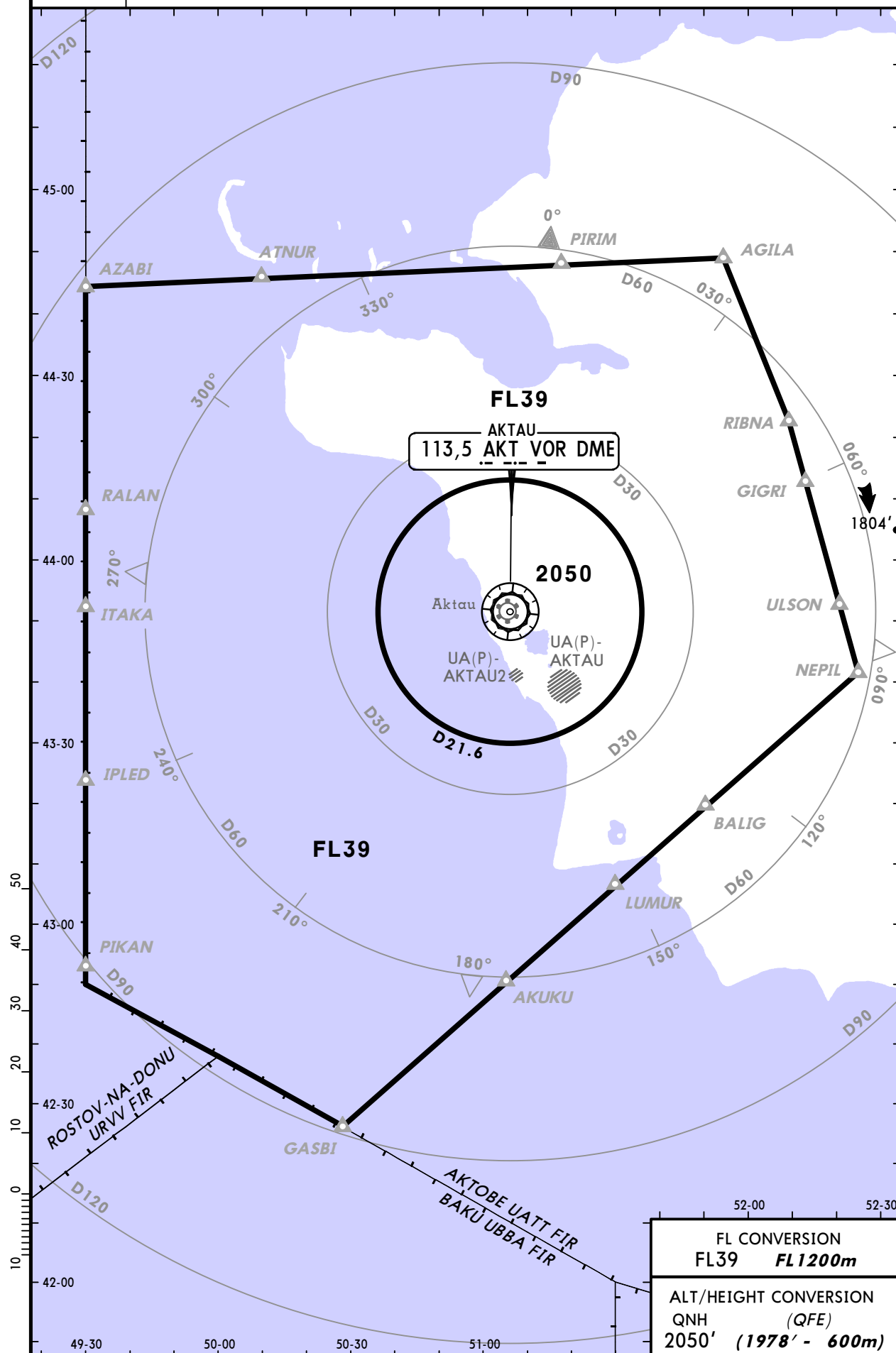
AKTAU, KAZAKHSTAN
RADAR MINIMUM ALTITUDES

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2050' **(1978')**

This chart may only be used for cross-checking of altitudes assigned while under radar control.



UATE/SCO
AKTAU

1 APR 11

JEPPESSEN

10-2

Eff 7 Apr

AKTAU, KAZAKHSTAN**STAR**ATIS
130.1 (Russian 126.2)Apt Elev
72'Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 2050' **(1981')**
Crossings at airway exit points by ATC.**(QFE)****AGILA 3C [AGIL3C], GIGRI 2C [GIGR2C]**
NEPIL 2C [NEPI2C], PIRIM 2C [PIRI2C]
RIBNA 2C [RIBN2C], ULSON 2C [ULSO2C]
RWY 12 ARRIVALS
FROM NORTH & EAST

2000'

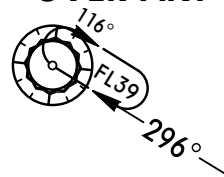
MSA
AKT VOR

FL CONVERSION

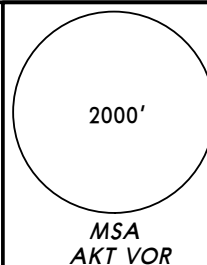
FL207 **FL6300m**FL89 **FL2700m**FL39 **FL1200m**

ALT/HEIGHT CONVERSION

QNH (QFE)

2050' **(1981' - 600m)****PIRIM**
N44 48.1 E051 17.7Between
FL207 & FL89**AGILA**
N44 49.0 E051 54.4Between
FL207 & FL89**RIBNA**
N44 22.6 E052 09.1Between
FL207 & FL89**GIGRI**
N44 12.8 E052 12.9Between
FL207 & FL89**ULSON**
N43 52.7 E052 20.7Between
FL207 & FL89**NEPIL**
N43 41.6 E052 24.9Between
FL207 & FL89(IAF)
AKTAU
D 113.3 AKT
N43 51.5 E051 06.1
At FL39**HOLDING**
OVER AKT**STAR****ROUTING**

AGILA 3C	Intercept AKT R-024 inbound to AKT.
GIGRI 2C	Intercept AKT R-059 inbound to AKT.
NEPIL 2C	Intercept AKT R-093 inbound to AKT.
PIRIM 2C	Intercept AKT R-002 inbound to AKT.
RIBNA 2C	Intercept AKT R-049 inbound to AKT.
ULSON 2C	Intercept AKT R-082 inbound to AKT.

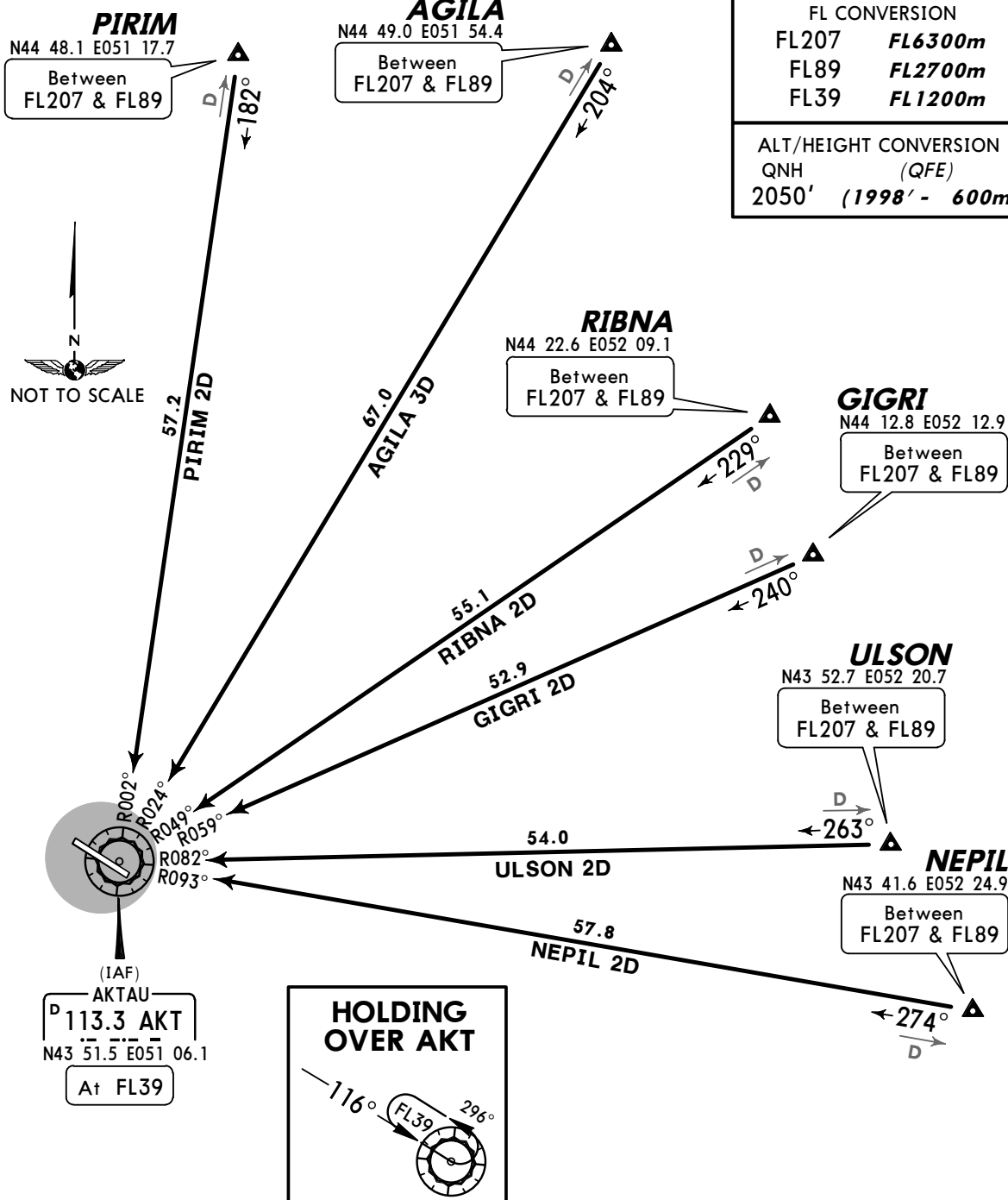
UATE/SCO
AKTAU**JEPPesen**
1 APR 11 **(10-2A)** Eff 7 Apr**AKTAU, KAZAKHSTAN****STAR**ATIS
130.1 (Russian 126.2)Apt Elev
72'Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (1998')
Crossings at airway exit points by ATC.**AGILA 3D [AGIL3D], GIGRI 2D [GIGR2D]
NEPIL 2D [NEPI2D], PIRIM 2D [PIRI2D]
RIBNA 2D [RIBN2D], ULSON 2D [ULSO2D]
RWY 30 ARRIVALS
FROM NORTH & EAST**

FL CONVERSION

FL207	FL6300m
FL89	FL2700m
FL39	FL1200m

ALT/HEIGHT CONVERSION

QNH	(QFE)
2050'	(1998' - 600m)



STAR	ROUTING
AGILA 3D	Intercept AKT R-024 inbound to AKT.
GIGRI 2D	Intercept AKT R-059 inbound to AKT.
NEPIL 2D	Intercept AKT R-093 inbound to AKT.
PIRIM 2D	Intercept AKT R-002 inbound to AKT.
RIBNA 2D	Intercept AKT R-049 inbound to AKT.
ULSON 2D	Intercept AKT R-082 inbound to AKT.

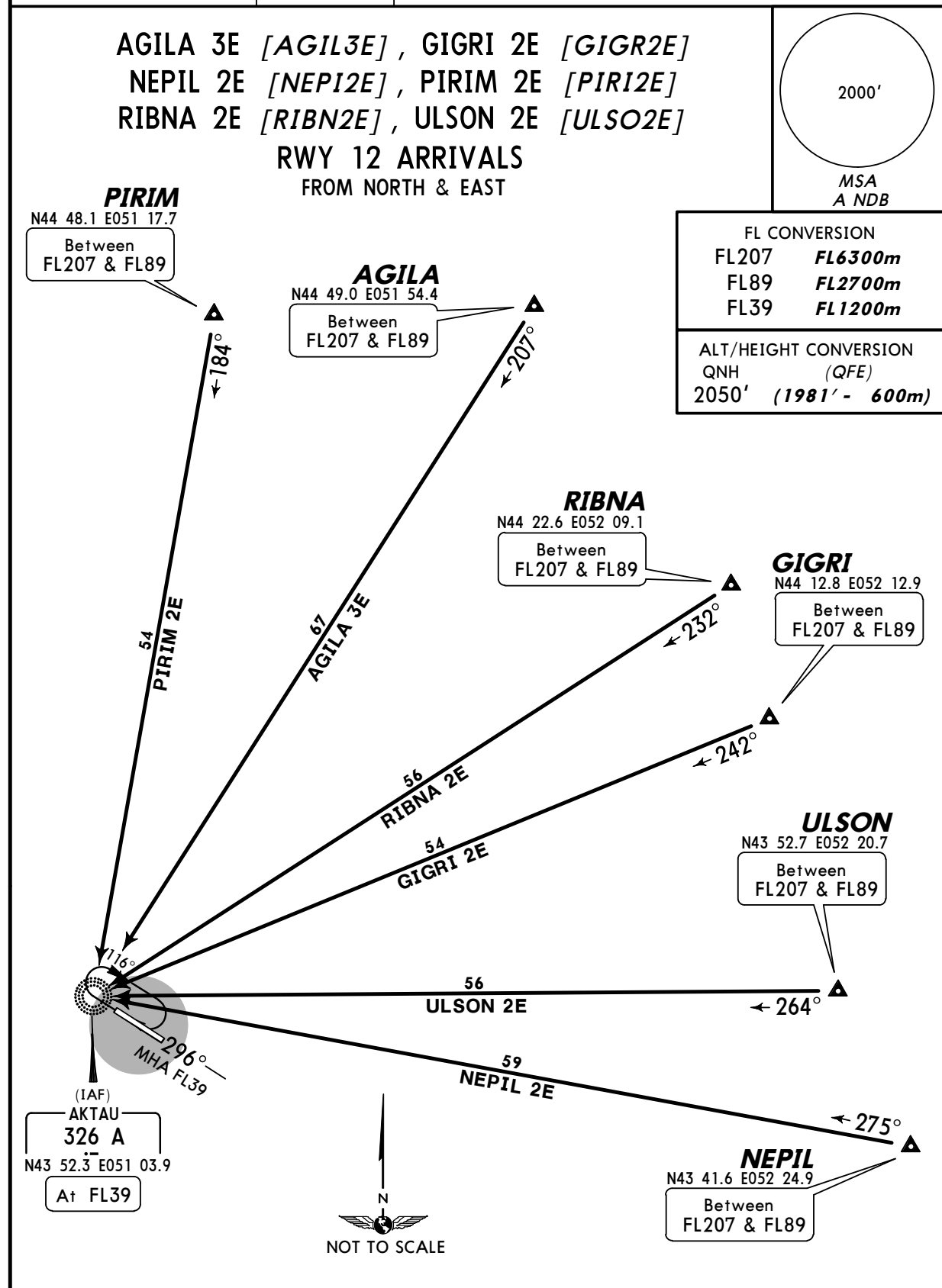
UATE/SCO
 AKTAU

JEPPesen
 1 APR 11 **10-2B** Eff 7 Apr

AKTAU, KAZAKHSTAN

STAR

ATIS 130.1 (Russian 126.2)	Apt Elev 72'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2050' (1981') Crossings at airway exit points by ATC.
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STAR	ROUTING
AGILA 3E	On 207° bearing to A.
GIGRI 2E	On 242° bearing to A.
NEPIL 2E	On 275° bearing to A.
PIRIM 2E	On 184° bearing to A.
RIBNA 2E	On 232° bearing to A.
ULSON 2E	On 264° bearing to A.

UATE/SCO
AKTAU

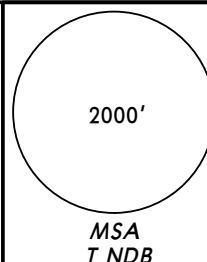
JEPPesen
 1 APR 11 **10-2C** Eff 7 Apr

AKTAU, KAZAKHSTAN

STAR

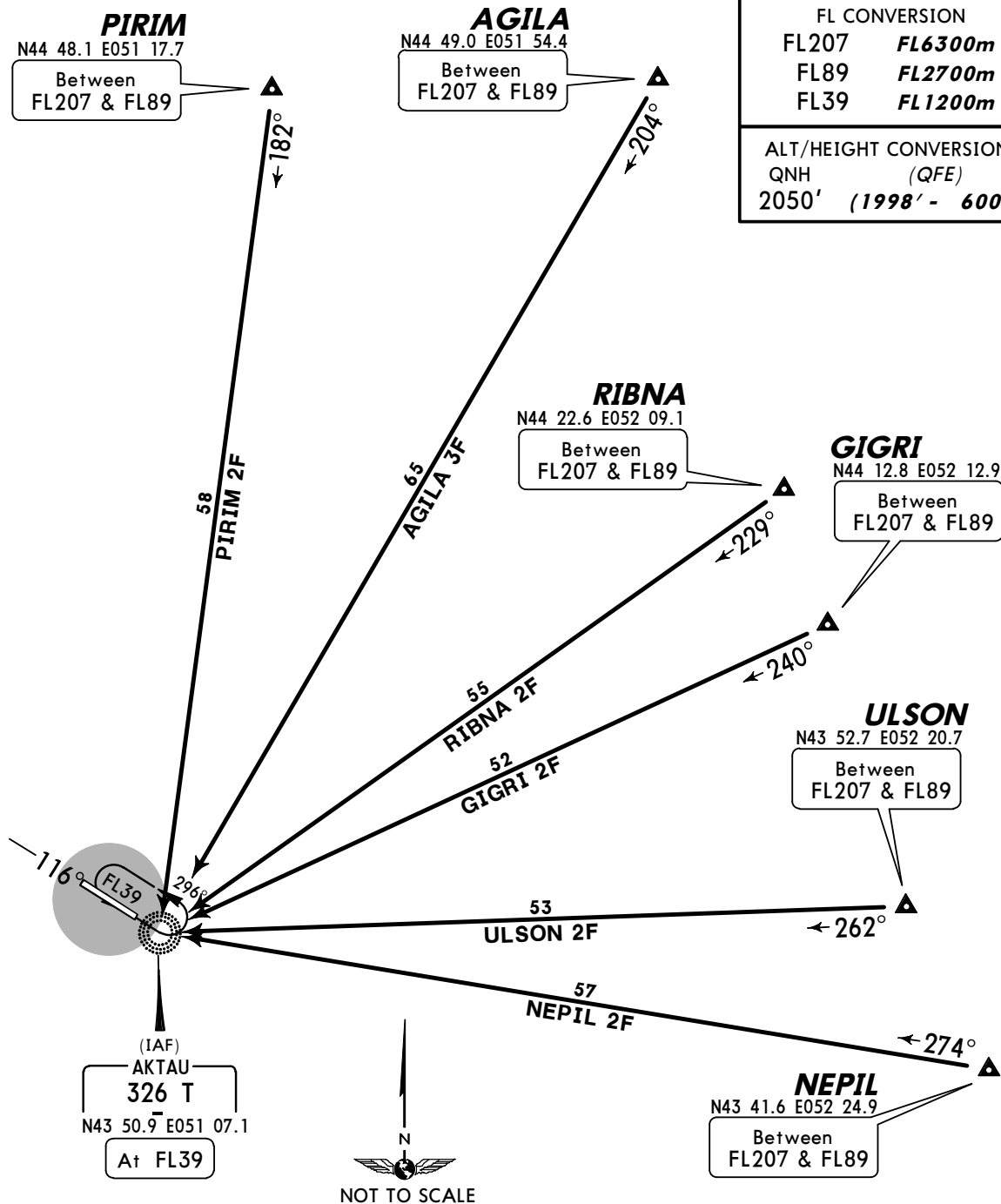
ATIS 130.1 (Russian 126.2)	Apt Elev 72'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2050' (1998') Crossings at airway exit points by ATC.
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AGILA 3F [AGIL3F] , GIGRI 2F [GIGR2F]
NEPIL 2F [NEPI2F] , PIRIM 2F [PIRI2F]
RIBNA 2F [RIBN2F] , ULSON 2F [ULSO2F]
RWY 30 ARRIVALS
FROM NORTH & EAST



FL CONVERSION	
FL207	FL6300m
FL89	FL2700m
FL39	FL1200m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1998' - 600m)



STAR	ROUTING
AGILA 3F	On 204° bearing to T.
GIGRI 2F	On 240° bearing to T.
NEPIL 2F	On 274° bearing to T.
PIRIM 2F	On 182° bearing to T.
RIBNA 2F	On 229° bearing to T.
ULSON 2F	On 262° bearing to T.

UATE/SCO
AKTAU

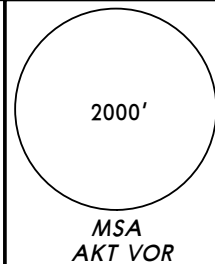
JEPPESSEN
1 APR 11 **10-2D** Eff 7 Apr

AKTAU, KAZAKHSTAN

STAR

ATIS 130.1 (Russian 126.2)	<i>Apt Elev</i> 72'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2050' (1981') Crossings at airway exit points by ATC.
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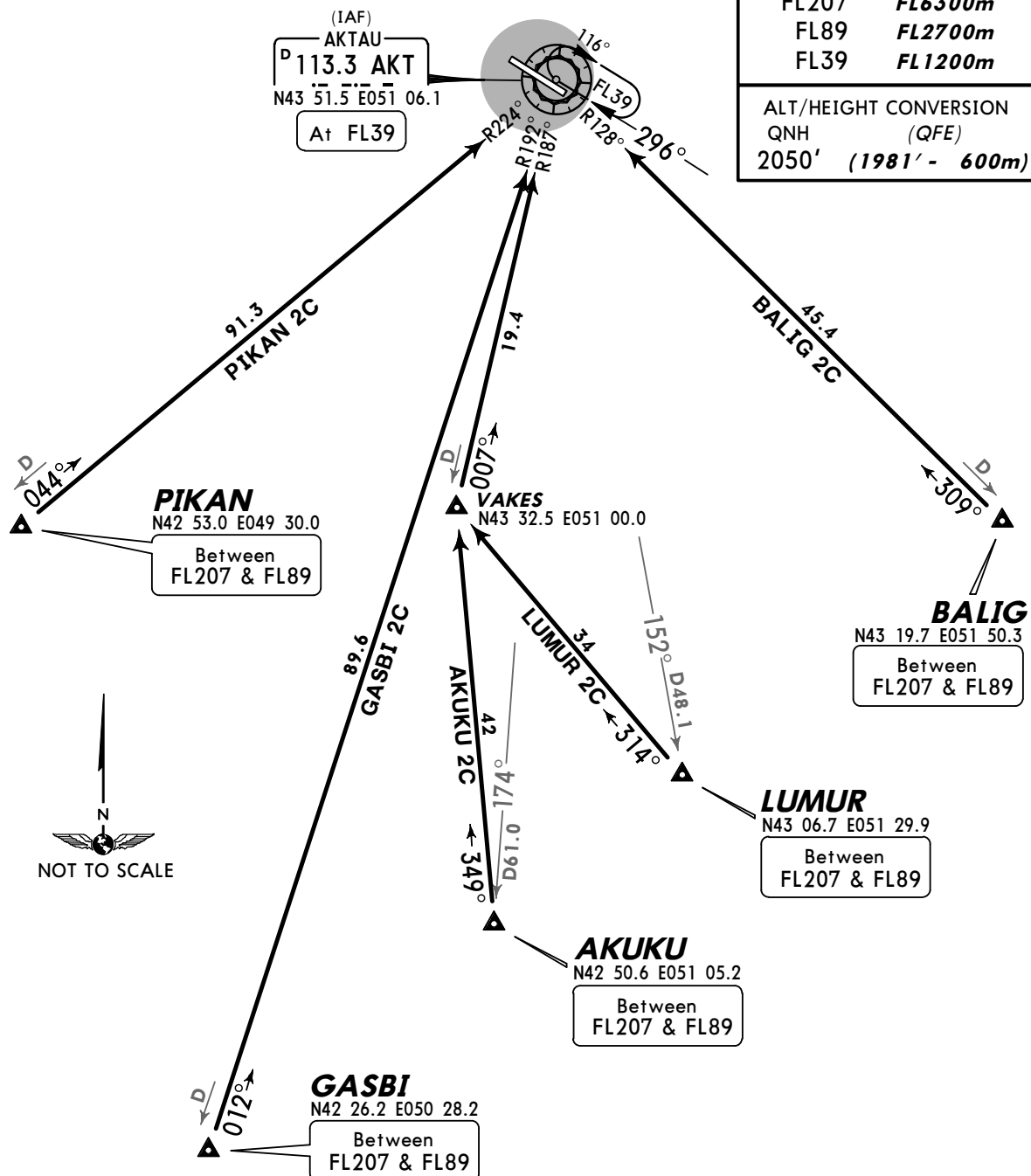
AKUKU 2C [AKUK2C], BALIG 2C [BALI2C]
GASBI 2C [GASB2C], LUMUR 2C [LUMU2C]
PIKAN 2C [PIKA2C]
RWY 12 ARRIVALS
FROM SOUTH



FL CONVERSION

FL207	<i>FL6300m</i>
FL89	<i>FL2700m</i>
FL39	<i>FL1200m</i>

ALT/HEIGHT CONVERSION
QNH (QFE)
2050' (1981' - 600m)



STAR	ROUTING
AKUKU 2C	349° track to VAKES, intercept AKT R-187 inbound to AKT.
BALIG 2C	Intercept AKT R-128 inbound to AKT.
GASBI 2C	Intercept AKT R-192 inbound to AKT.
LUMUR 2C	314° track to VAKES, intercept AKT R-187 inbound to AKT.
PIKAN 2C	Intercept AKT R-224 inbound to AKT.

UATE/SCO
AKTAU

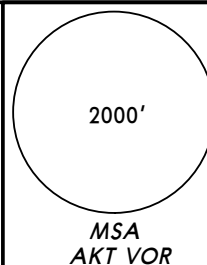
JEPPesen
 1 APR 11 **10-2E** Eff 7 Apr

AKTAU, KAZAKHSTAN

STAR

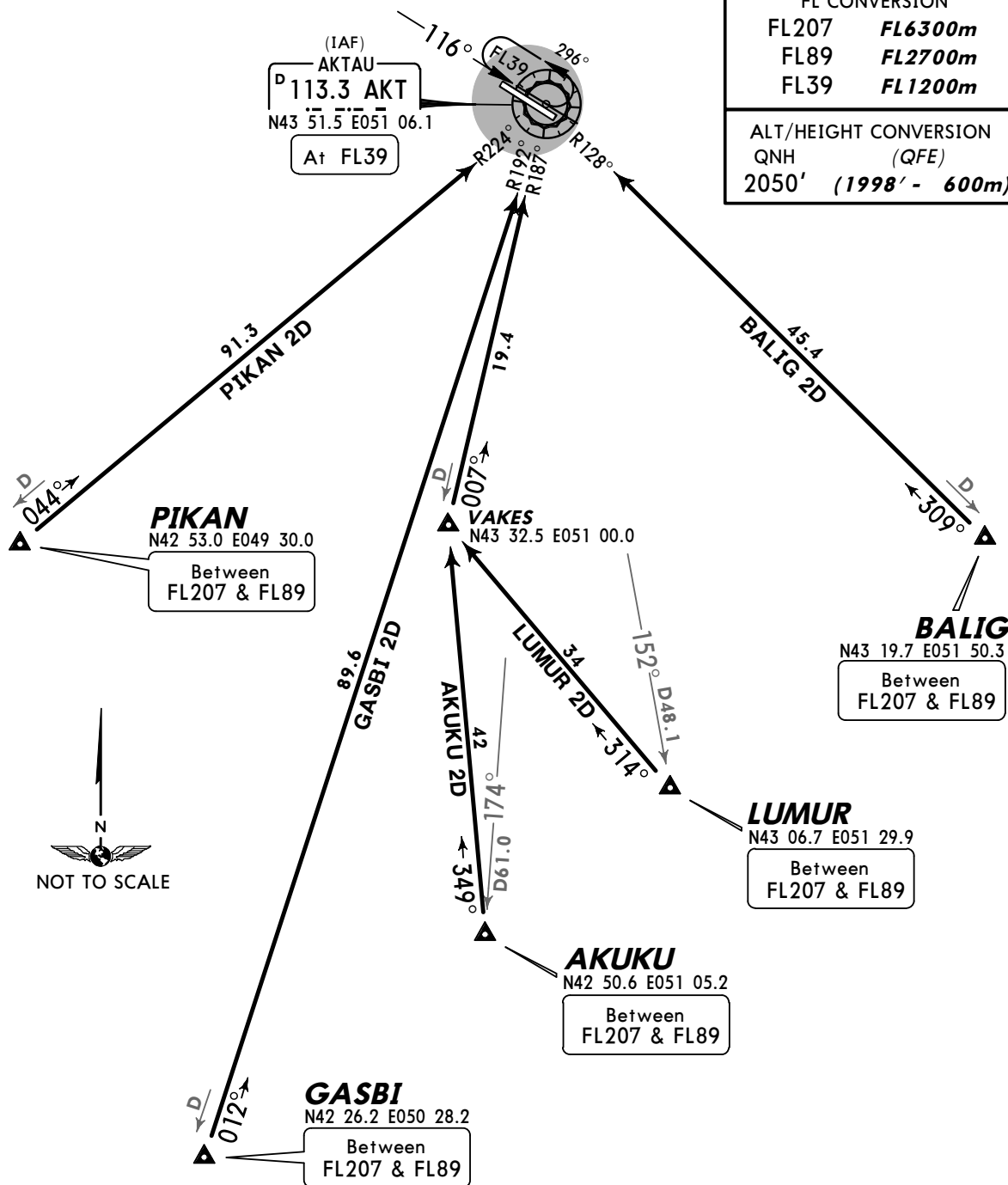
ATIS 130.1 (Russian 126.2)	Apt Elev 72'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2050' (1998') Crossings at airway exit points by ATC.
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**AKUKU 2D [AKUK2D], BALIG 2D [BALI2D]
 GASBI 2D [GASB2D], LUMUR 2D [LUMU2D]
 PIKAN 2D [PIKA2D]
 RWY 30 ARRIVALS
 FROM SOUTH**



FL CONVERSION	
FL207	FL6300m
FL89	FL2700m
FL39	FL1200m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1998' - 600m)



STAR	ROUTING
AKUKU 2D	349° track to VAKES, intercept AKT R-187 inbound to AKT.
BALIG 2D	Intercept AKT R-128 inbound to AKT.
GASBI 2D	Intercept AKT R-192 inbound to AKT.
LUMUR 2D	314° track to VAKES, intercept AKT R-187 inbound to AKT.
PIKAN 2D	Intercept AKT R-224 inbound to AKT.

UATE/SCO
AKTAU

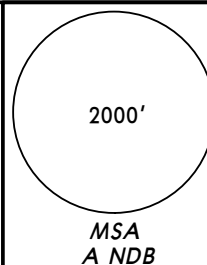
JEPPesen
 1 APR 11 **10-2F** Eff 7 Apr

AKTAU, KAZAKHSTAN

STAR

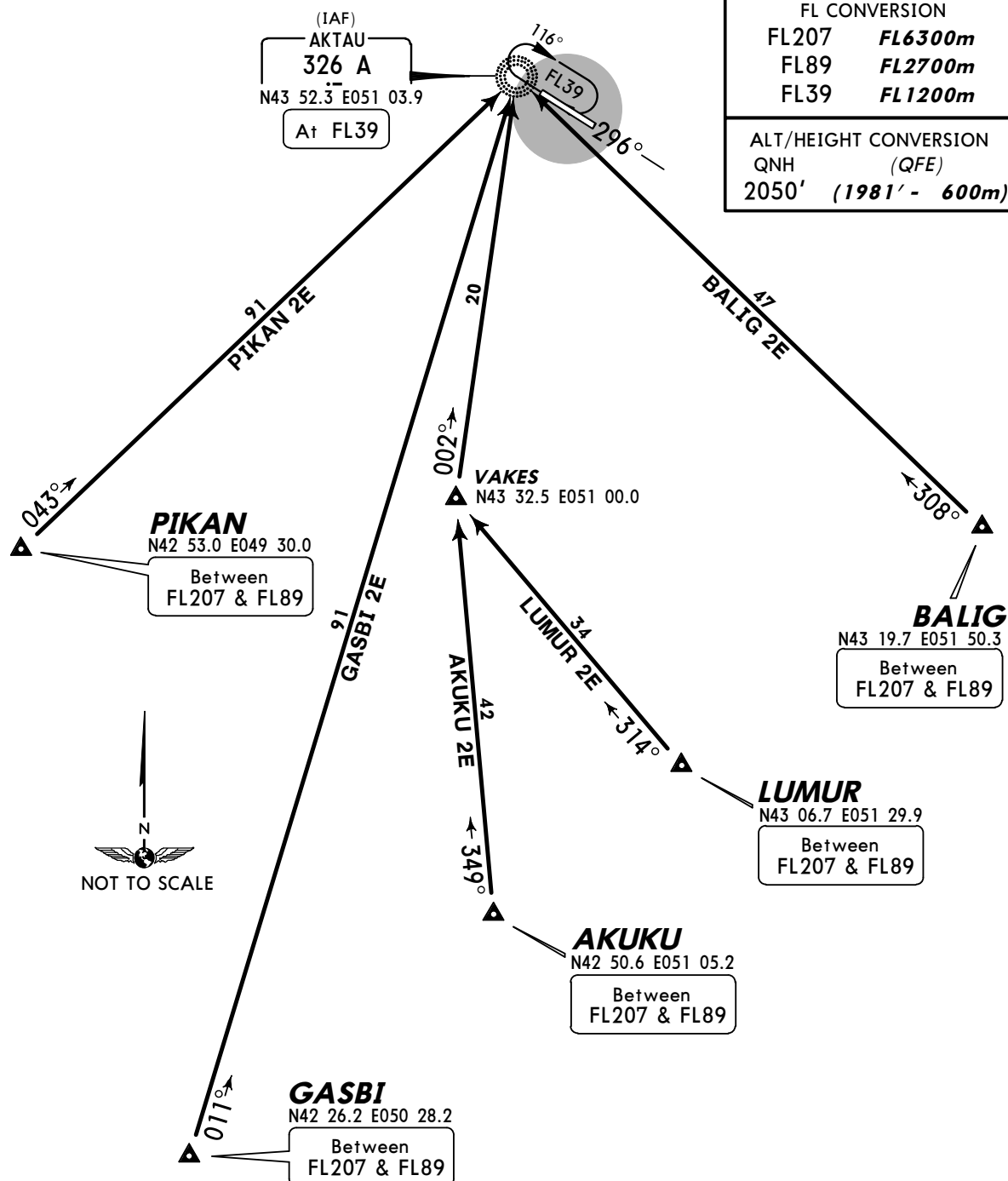
ATIS 130.1 (Russian 126.2)	Apt Elev 72'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2050' (1981') Crossings at airway exit points by ATC.
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**AKUKU 2E [AKUK2E], BALIG 2E [BALI2E]
 GASBI 2E [GASB2E], LUMUR 2E [LUMU2E]
 PIKAN 2E [PIKA2E]
 RWY 12 ARRIVALS
 FROM SOUTH**



FL CONVERSION	
FL207	FL6300m
FL89	FL2700m
FL39	FL1200m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1981' - 600m)



STAR	ROUTING
AKUKU 2E	349° track to VAKES, intercept 002° bearing to A.
BALIG 2E	On 308° bearing to A.
GASBI 2E	On 011° bearing to A.
LUMUR 2E	314° track to VAKES, intercept 002° bearing to A.
PIKAN 2E	On 043° bearing to A.

UATE/SCO
AKTAU

JEPPesen
 1 APR 11 **(10-2G)** **Eff 7 Apr**

AKTAU, KAZAKHSTAN

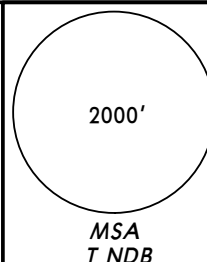
STAR

ATIS
130.1 (Russian 126.2)

Apt Elev
72'

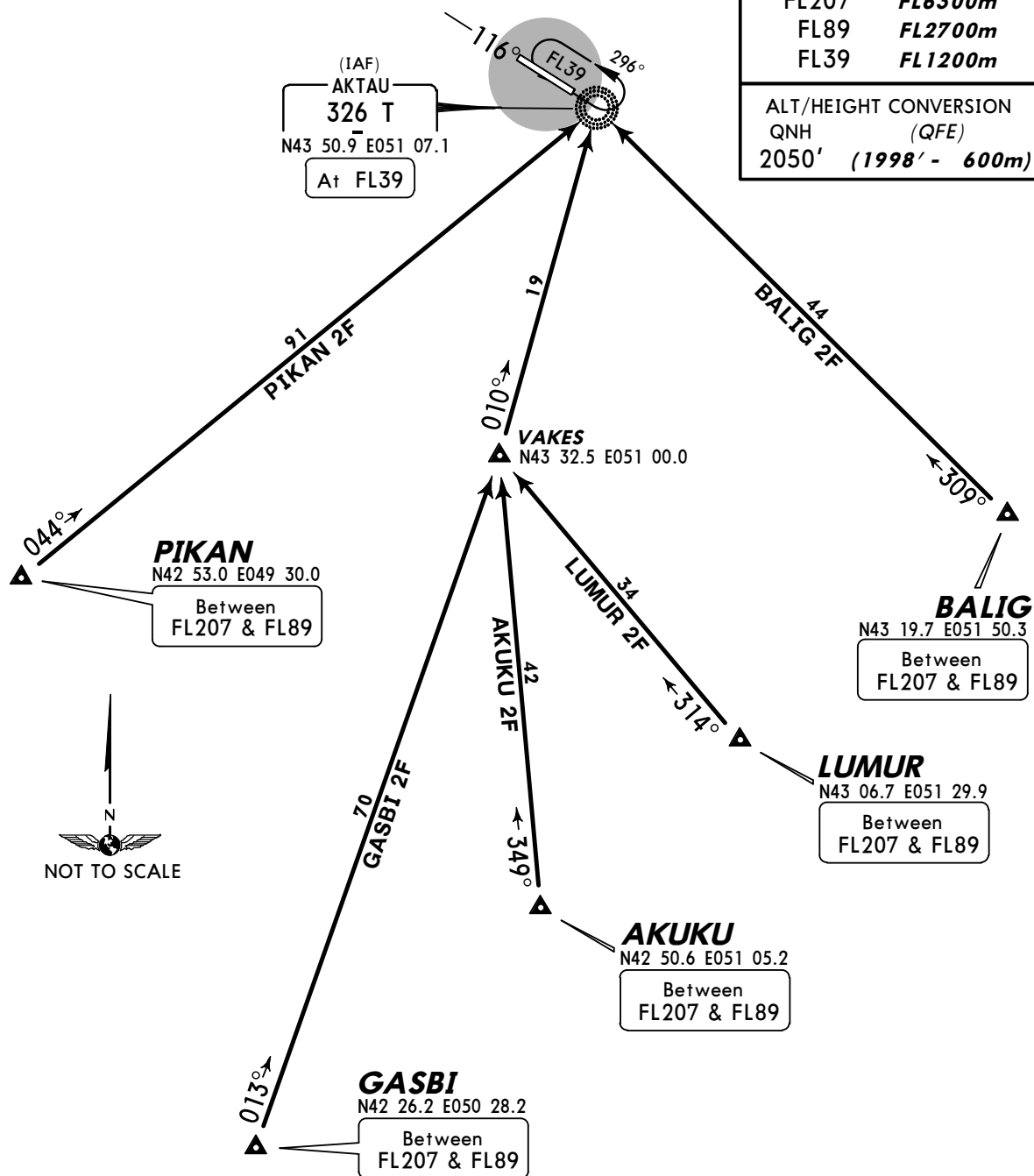
Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL39 Trans alt: 2050' (1998')
 Crossings at airway exit points by ATC.

AKUKU 2F [AKUK2F], BALIG 2F [BALI2F]
GASBI 2F [GASB2F], LUMUR 2F [LUMU2F]
PIKAN 2F [PIKA2F]
RWY 30 ARRIVALS
FROM SOUTH



FL CONVERSION
 FL207 **FL6300m**
 FL89 **FL2700m**
 FL39 **FL1200m**

ALT/HEIGHT CONVERSION
 QNH (QFE)
 2050' (1998' - 600m)



STAR	ROUTING
AKUKU 2F	349° track to VAKES, intercept 010° bearing to T.
BALIG 2F	On 309° bearing to T.
GASBI 2F	013° track to VAKES, intercept 010° bearing to T.
LUMUR 2F	314° track to VAKES, intercept 010° bearing to T.
PIKAN 2F	On 044° bearing to T.

UATE/SCO
 AKTAU

JEPPesen
 1 APR 11 **(10-2H)** Eff 7 Apr

AKTAU, KAZAKHSTAN

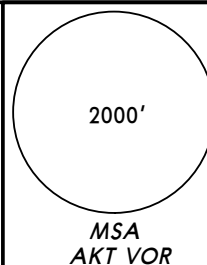
STAR

ATIS
 130.1 (Russian 126.2)

Apt Elev
 72'

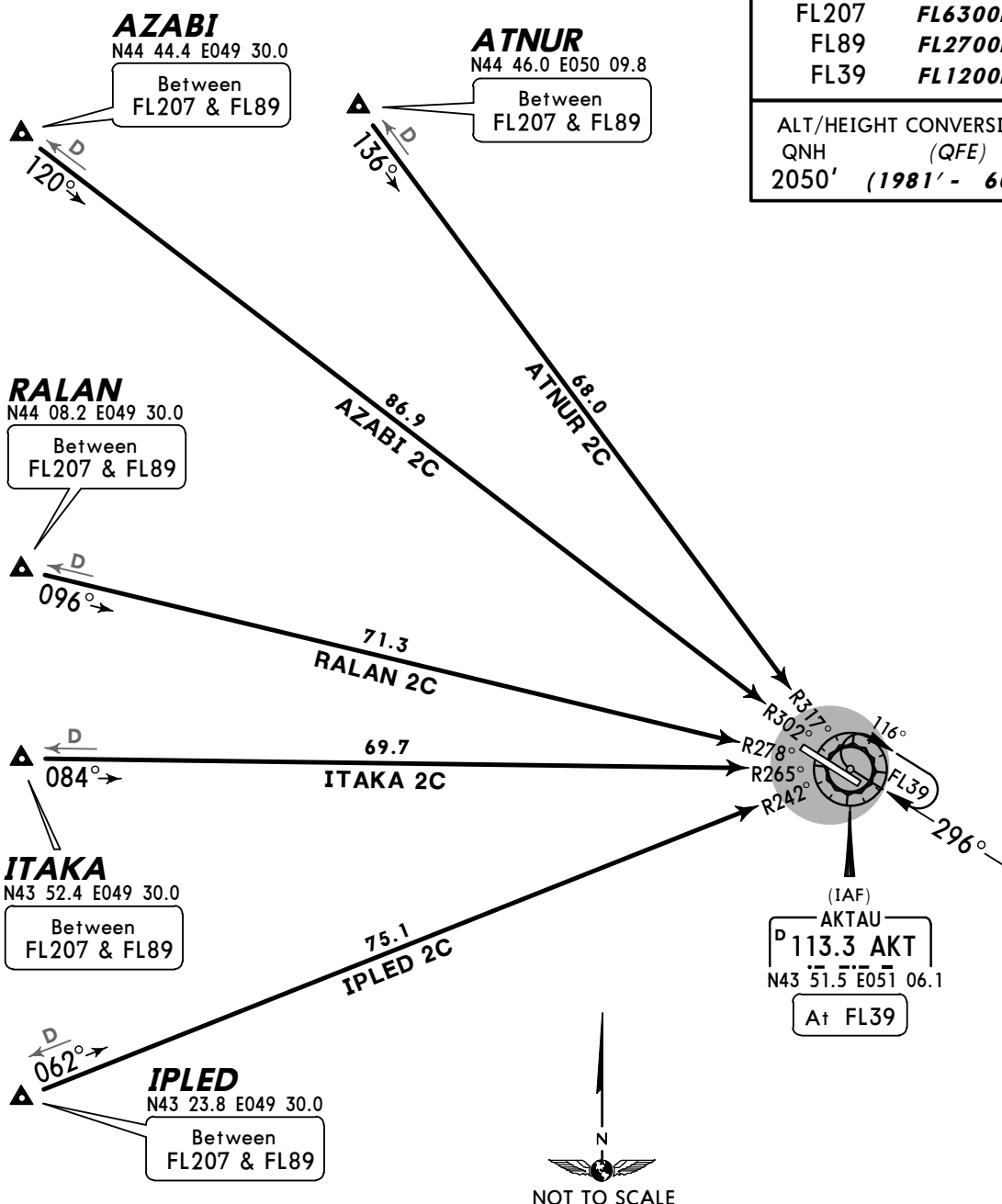
Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL39 Trans alt: 2050' (1981')
 Crossings at airway exit points by ATC.

**ATNUR 2C [ATNU2C], AZABI 2C [AZAB2C]
 IPLED 2C [IPLE2C], ITAKA 2C [ITAK2C]
 RALAN 2C [RALA2C]
 RWY 12 ARRIVALS
 FROM WEST & NORTHWEST**



FL CONVERSION
 FL207 **FL6300m**
 FL89 **FL2700m**
 FL39 **FL1200m**

ALT/HEIGHT CONVERSION
 QNH (QFE)
 2050' (1981' - 600m)



STAR	ROUTING
ATNUR 2C	Intercept AKT R-317 inbound to AKT.
AZABI 2C	Intercept AKT R-302 inbound to AKT.
IPLED 2C	Intercept AKT R-242 inbound to AKT.
ITAKA 2C	Intercept AKT R-265 inbound to AKT.
RALAN 2C	Intercept AKT R-278 inbound to AKT.

UATE/SCO
 AKTAU

JEPPESSEN
 1 APR 11 **10-2J** Eff 7 Apr

AKTAU, KAZAKHSTAN

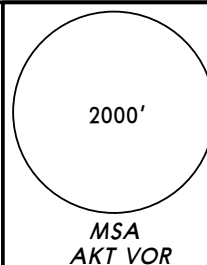
STAR

ATIS
 130.1 (Russian 126.2)

Apt Elev
 72'

Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL39 Trans alt: 2050' (1998')
 Crossings at airway exit points by ATC.

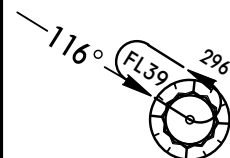
**ATNUR 2D [ATNU2D], AZABI 2D [AZAB2D]
 IPLED 2D [IPLE2D], ITAKA 2D [ITAK2D]
 RALAN 2D [RALA2D]
 RWY 30 ARRIVALS
 FROM WEST & NORTHWEST**



FL CONVERSION
 FL207 **FL6300m**
 FL89 **FL2700m**
 FL39 **FL1200m**

ALT/HEIGHT CONVERSION
 QNH (QFE)
 2050' (1998' - 600m)

**HOLDING
 OVER AKT**



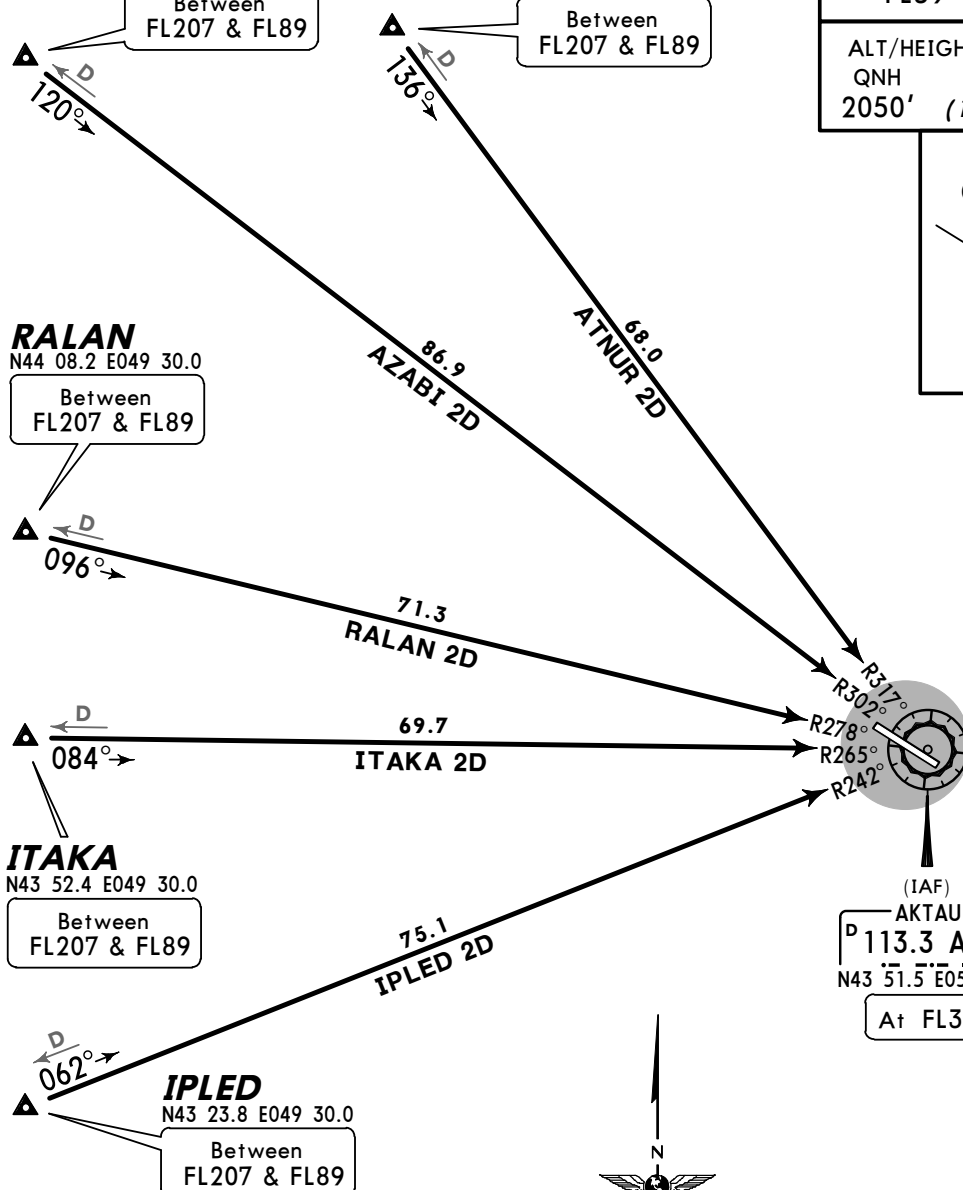
AZABI
 N44 44.4 E049 30.0
 Between
 FL207 & FL89

ATNUR
 N44 46.0 E050 09.8
 Between
 FL207 & FL89

RALAN
 N44 08.2 E049 30.0
 Between
 FL207 & FL89

ITAKA
 N43 52.4 E049 30.0
 Between
 FL207 & FL89

IPLED
 N43 23.8 E049 30.0
 Between
 FL207 & FL89



NOT TO SCALE

STAR	ROUTING
ATNUR 2D	Intercept AKT R-317 inbound to AKT.
AZABI 2D	Intercept AKT R-302 inbound to AKT.
IPLED 2D	Intercept AKT R-242 inbound to AKT.
ITAKA 2D	Intercept AKT R-265 inbound to AKT.
RALAN 2D	Intercept AKT R-278 inbound to AKT.

UATE/SCO
AKTAU

JEPPesen
 1 APR 11 **(10-2K)** **Eff 7 Apr**

AKTAU, KAZAKHSTAN

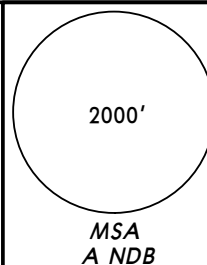
STAR

ATIS
130.1 (Russian 126.2)

Apt Elev
72'

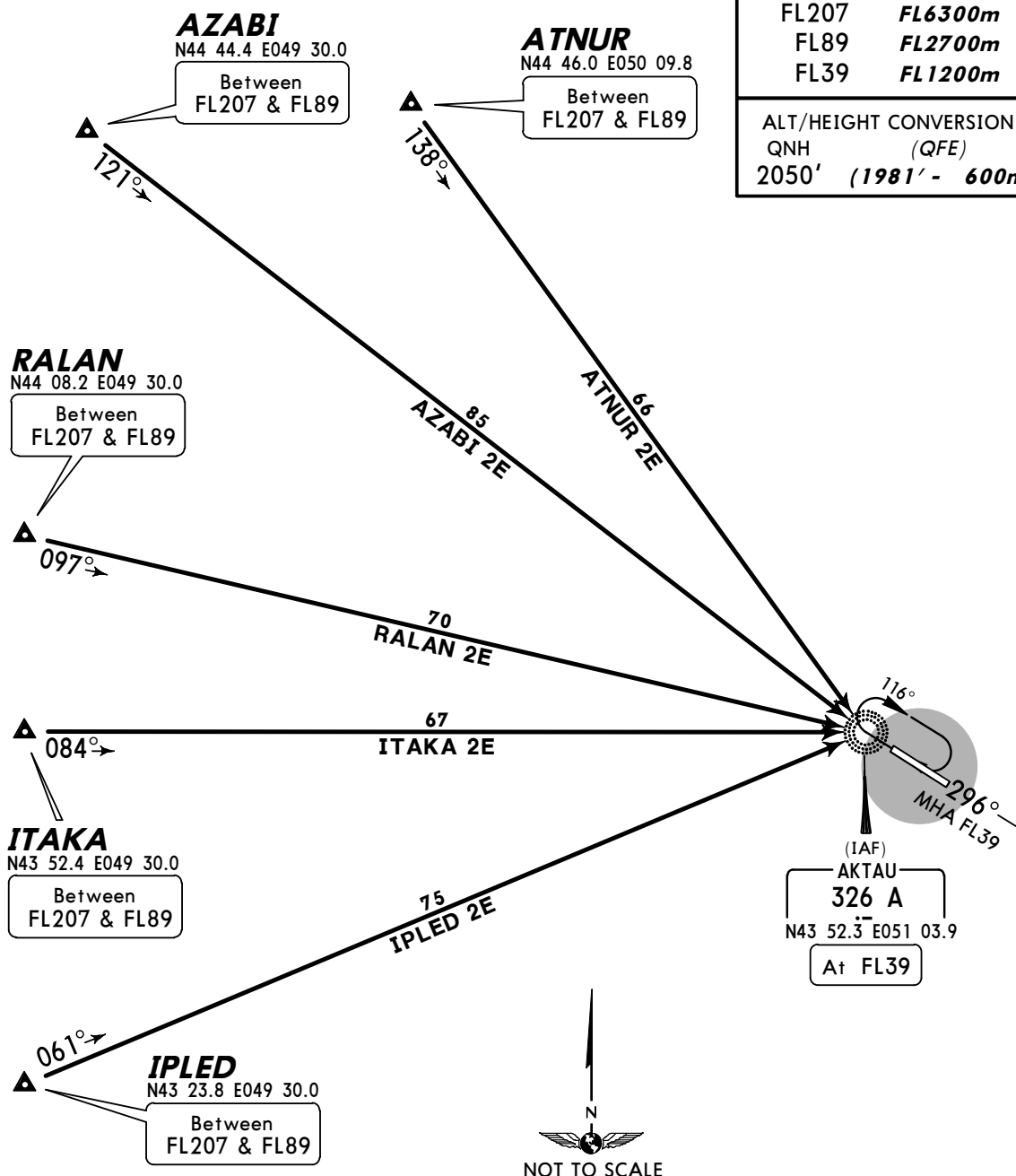
Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL39 Trans alt: 2050' (1981')
 Crossings at airway exit points by ATC.

ATNUR 2E [ATNU2E], AZABI 2E [AZAB2E]
IPLD 2E [IPLE2E], ITAKA 2E [ITAK2E]
RALAN 2E [RALA2E]
RWY 12 ARRIVALS
FROM WEST & NORTHWEST



FL CONVERSION
 FL207 **FL6300m**
 FL89 **FL2700m**
 FL39 **FL1200m**

ALT/HEIGHT CONVERSION
 QNH (QFE)
 2050' (1981' - 600m)



STAR	ROUTING
ATNUR 2E	On 138° bearing to A.
AZABI 2E	On 121° bearing to A.
IPLD 2E	On 061° bearing to A.
ITAKA 2E	On 084° bearing to A.
RALAN 2E	On 097° bearing to A.

UATE/SCO
AKTAU

JEPPESSEN
 1 APR 11 **(10-2L)** **Eff 7 Apr**

AKTAU, KAZAKHSTAN

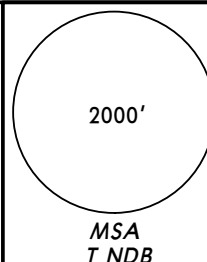
STAR

ATIS
130.1 (Russian 126.2)

Apt Elev
72'

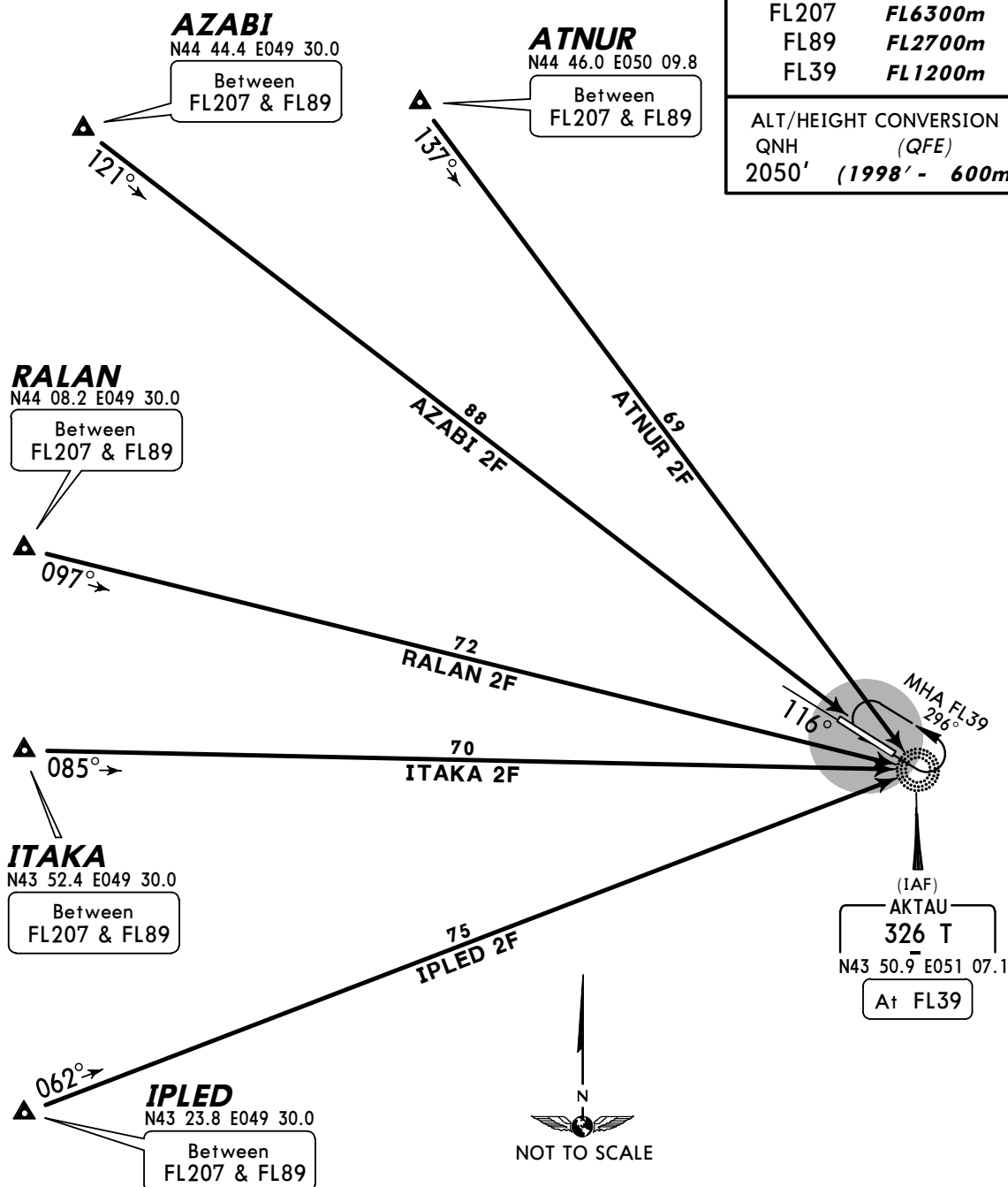
Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL39 Trans alt: 2050' (1998')
 Crossings at airway exit points by ATC.

ATNUR 2F [ATNU2F], AZABI 2F [AZAB2F]
IPLD 2F [IPLE2F], ITAKA 2F [ITAK2F]
RALAN 2F [RALA2F]
RWY 30 ARRIVALS
FROM WEST & NORTHWEST



FL CONVERSION
 FL207 **FL6300m**
 FL89 **FL2700m**
 FL39 **FL1200m**

ALT/HEIGHT CONVERSION
 QNH (QFE)
 2050' (1998' - 600m)



STAR	ROUTING
ATNUR 2F	On 137° bearing to T.
AZABI 2F	On 121° bearing to T.
IPLD 2F	On 062° bearing to T.
ITAKA 2F	On 085° bearing to T.
RALAN 2F	On 097° bearing to T.

UATE/SCO
AKTAU

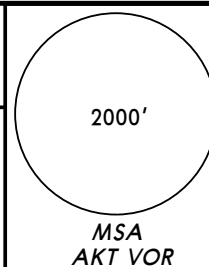
JEPPESEN
1 APR 11 **10-3** Eff 7 Apr

AKTAU, KAZAKHSTAN

SID

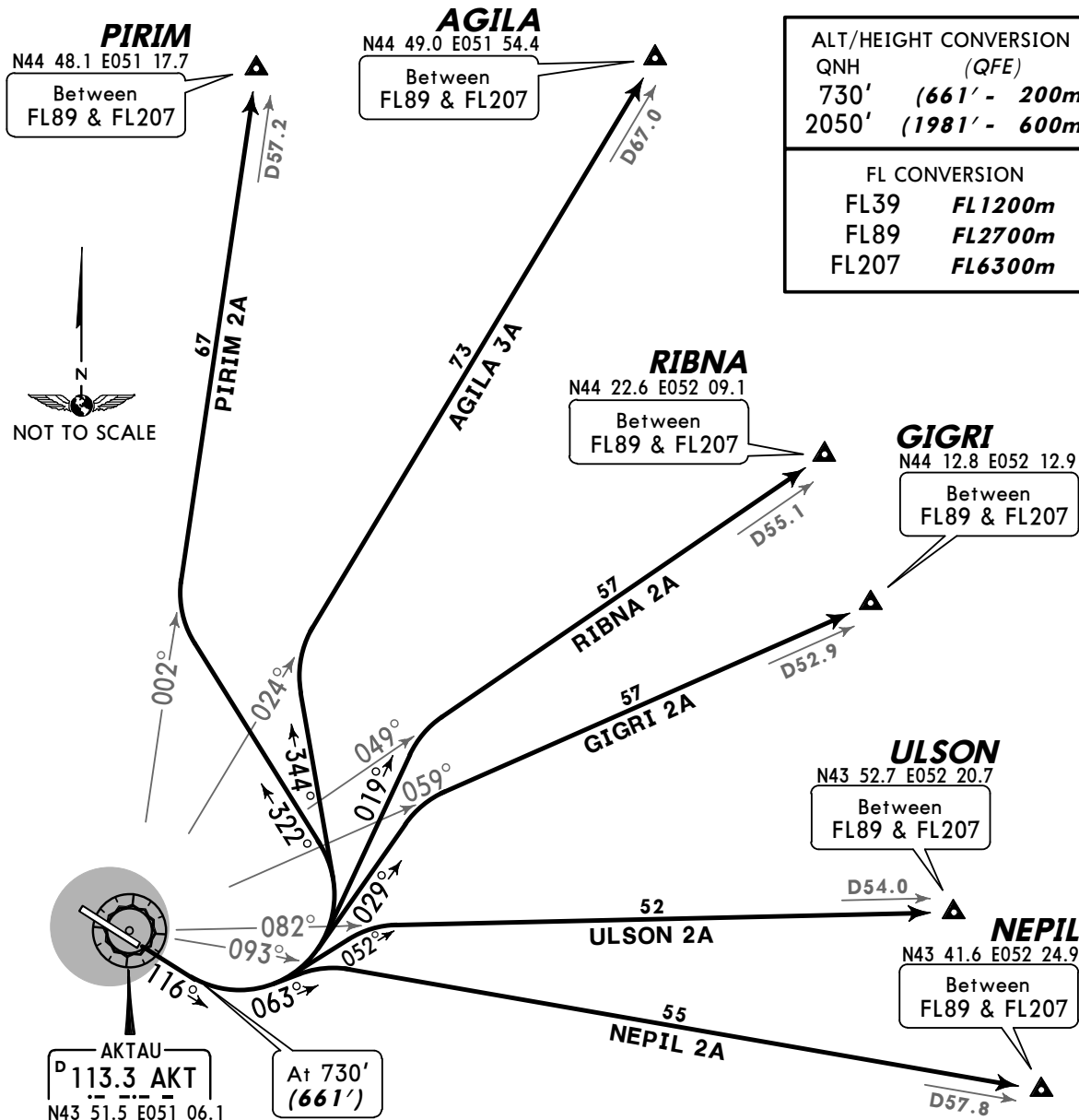
Apt Elev
72'

QNH on request (**QFE**)
Trans level: FL39 Trans alt: 2050' (**1981'**)
FL by ATC.



**AGILA 3A [AGIL3A], GIGRI 2A [GIGR2A]
NEPIL 2A [NEPI2A], PIRIM 2A [PIRI2A]
RIBNA 2A [RIBN2A], ULSON 2A [ULSO2A]**

**RWY 12 DEPARTURES
TO NORTH & EAST**



SID	ROUTING
AGILA 3A	Climb straight ahead to 730' (661'), turn LEFT, 344° track, intercept AKT R-024 to AGILA.
GIGRI 2A	Climb straight ahead to 730' (661'), turn LEFT, 029° track, intercept AKT R-059 to GIGRI.
NEPIL 2A	Climb straight ahead to 730' (661'), turn LEFT, 063° track, intercept AKT R-093 to NEPIL.
PIRIM 2A	Climb straight ahead to 730' (661'), turn LEFT, 322° track, intercept AKT R-002 to PIRIM.
RIBNA 2A	Climb straight ahead to 730' (661'), turn LEFT, 019° track, intercept AKT R-049 to RIBNA.
ULSON 2A	Climb straight ahead to 730' (661'), turn LEFT, 052° track, intercept AKT R-082 to ULSON.

UATE/SCO
AKTAU

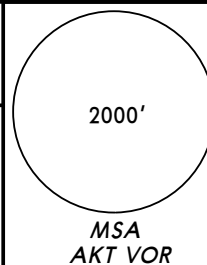
JEPPESEN
1 APR 11 **(10-3A)** Eff 7 Apr

AKTAU, KAZAKHSTAN

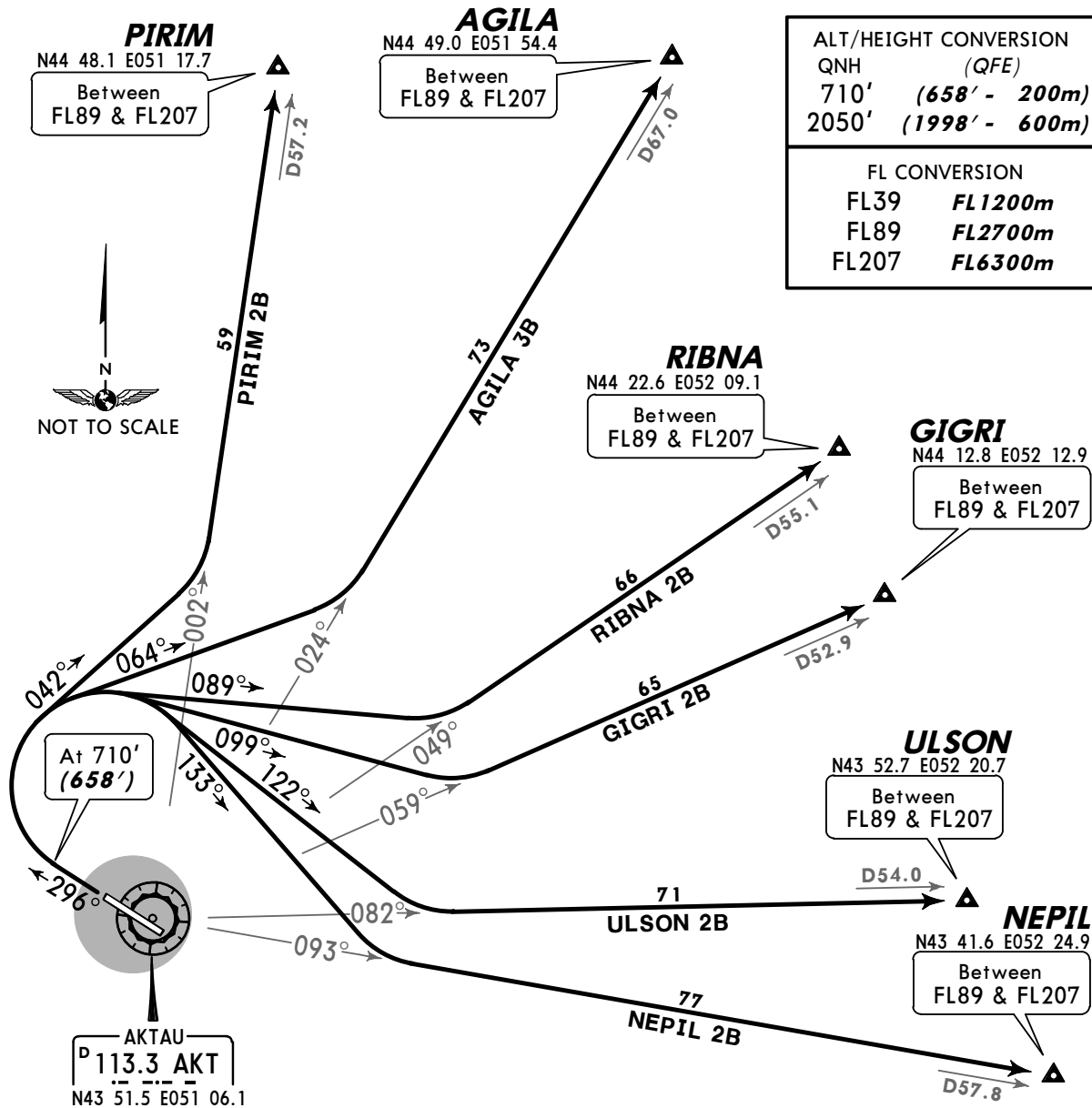
SID

Apt Elev
72'

QNH on request (**QFE**)
Trans level: FL39 Trans alt: 2050' (**1998'**)
FL by ATC.



AGILA 3B [AGIL3B], GIGRI 2B [GIGR2B]
NEPIL 2B [NEPI2B], PIRIM 2B [PIRI2B]
RIBNA 2B [RIBN2B], ULSON 2B [ULSO2B]
RWY 30 DEPARTURES
TO NORTH & EAST



SID	ROUTING
AGILA 3B	Climb straight ahead to 710' (658'), turn RIGHT, 064° track, intercept AKT R-024 to AGILA.
GIGRI 2B	Climb straight ahead to 710' (658'), turn RIGHT, 099° track, intercept AKT R-059 to GIGRI.
NEPIL 2B	Climb straight ahead to 710' (658'), turn RIGHT, 133° track, intercept AKT R-093 to NEPIL.
PIRIM 2B	Climb straight ahead to 710' (658'), turn RIGHT, 042° track, intercept AKT R-002 to PIRIM.
RIBNA 2B	Climb straight ahead to 710' (658'), turn RIGHT, 089° track, intercept AKT R-049 to RIBNA.
ULSON 2B	Climb straight ahead to 710' (658'), turn RIGHT, 122° track, intercept AKT R-082 to ULSON.

UATE/SCO
AKTAU

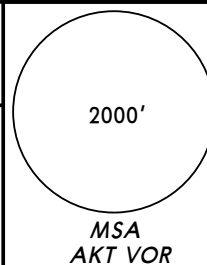
JEPPESSEN
1 APR 11 **(10-3B)** Eff 7 Apr

AKTAU, KAZAKHSTAN

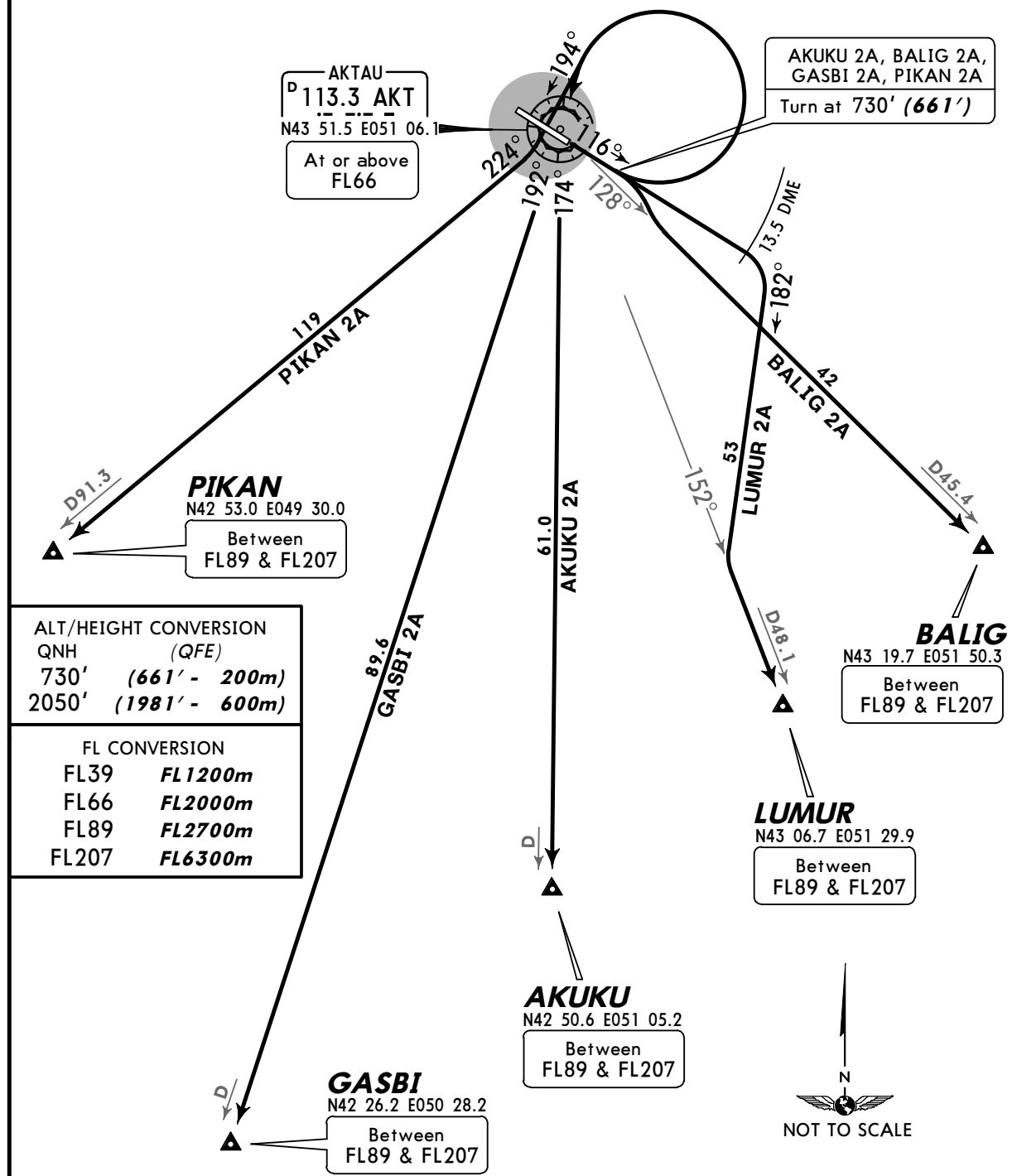
SID

Apt Elev
72'

QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (1981')
FL by ATC.



**AKUKU 2A [AKUK2A], BALIG 2A [BALI2A]
GASBI 2A [GASB2A], LUMUR 2A [LUMU2A]
PIKAN 2A [PIKA2A]
RWY 12 DEPARTURES
TO SOUTH**



SID	ROUTING
AKUKU 2A	Climb straight ahead to 730' (661'), turn LEFT to AKT, AKT R-174 to AKUKU.
BALIG 2A	Climb straight ahead to 730' (661'), turn RIGHT, intercept AKT R-128 to BALIG.
GASBI 2A	Climb straight ahead to 730' (661'), turn LEFT to AKT, AKT R-192 to GASBI.
LUMUR 2A	Turn RIGHT not before AKT 13.5 DME, 182° track, intercept AKT R-152 to LUMUR.
PIKAN 2A	Climb straight ahead to 730' (661'), turn LEFT, 194° track, intercept AKT R-224 to PIKAN.

UATE/SCO
AKTAU

1 APR 11

JEPPESEN**Eff 7 Apr**

AKTAU, KAZAKHSTAN

SID

Apt Elev 72'	QNH on request (QFE) Trans level: FL39 Trans alt: 2050' (1998') FL by ATC.	2000' MSA AKT VOR
-------------------------------	--	---

RWY 30 DEPARTURES TO SOUTH

**At 710'
(658')**

AKTAU
D 113.3 AKT
N43 51.5 E051 06.1

BALIG
N43 19.7 E051 50.3
(AKT R-128/D45.4)

DILOL
N43 39.6 E051 23.7

LUMUR
N43 06.7 E051 29.9

AKUKU
N42 50.6 E051 05.2

GASBI
N42 26.2 E050 28.2

PIKAN
N42 53.0 E049 30.0

Between
FL89 &
FL207

Between
FL89 &
FL207

Between
FL89 &
FL207

Between
FL89 &
FL207

Between
FL89 &
FL207

N

NOT TO SCALE

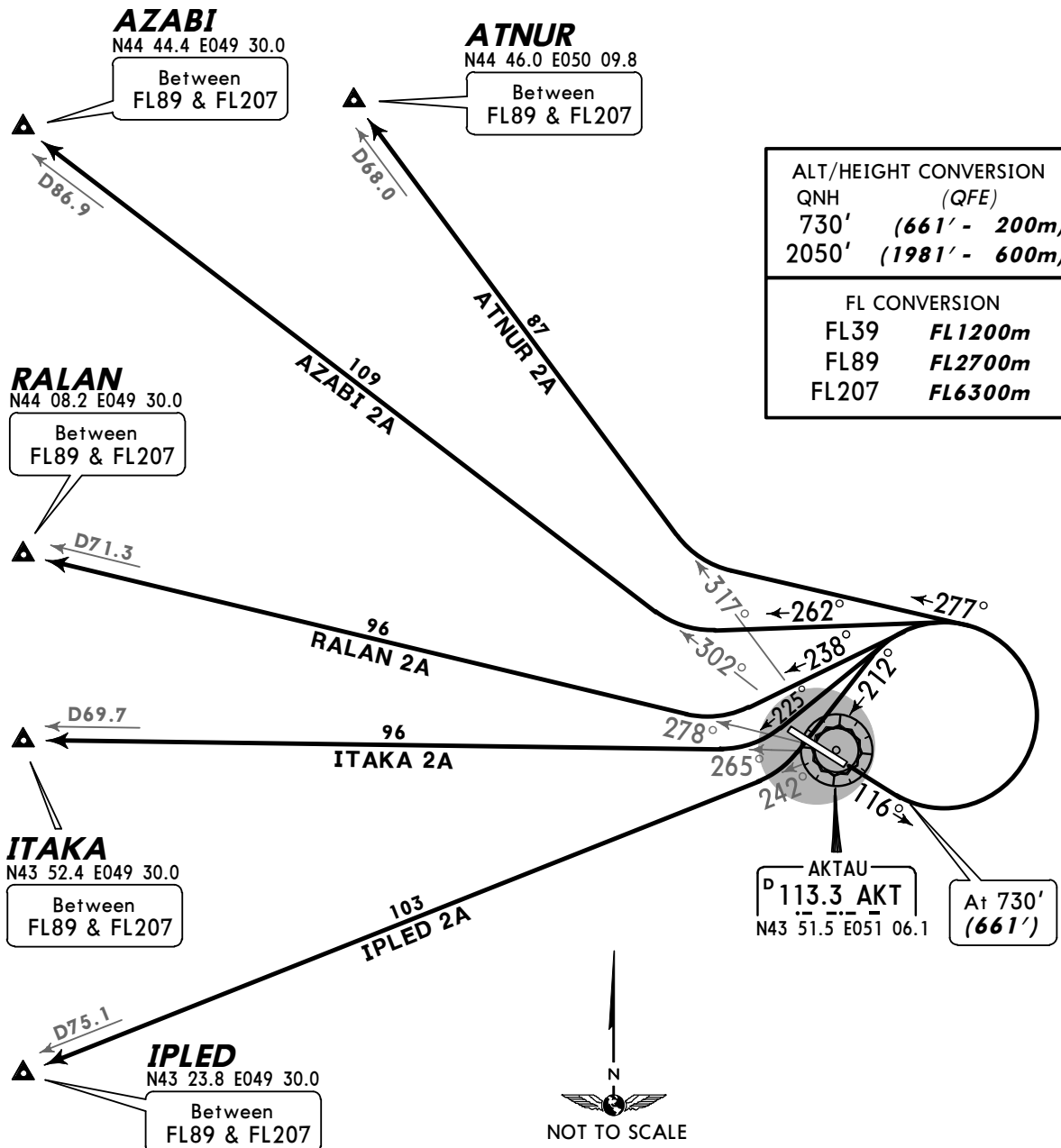
SID	ROUTING
AKUKU 2B	Climb straight ahead to 710' (658'), turn LEFT, 134° track, intercept AKT R-174 to AKUKU.
BALIG 2B	Climb straight ahead to 710' (658'), turn RIGHT, 167° track, intercept AKT R-127 to DILOL, 129° track to BALIG.
GASBI 2B	Climb straight ahead to 710' (658'), turn LEFT, 152° track, intercept AKT R-192 to GASBI.
LUMUR 2B	Climb straight ahead to 710' (658'), turn RIGHT, 167° track, intercept AKT R-127 to DILOL, 166° track to LUMUR.
PIKAN 2B	Climb straight ahead to 710' (658'), turn LEFT, 184° track, intercept AKT R-224 to PIKAN.

CHANGES: MSA; SIDs completely revised.

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UATE/SCO
AKTAU**JEPPESEN**
1 APR 11 **10-3D** **Eff 7 Apr****AKTAU, KAZAKHSTAN****SID****Apt Elev**
72'QNH on request (**QFE**)
Trans level: FL39 Trans alt: 2050' (**1981'**)
FL by ATC.

2000'

MSA
AKT VOR**ATNUR 2A [ATNU2A], AZABI 2A [AZAB2A]**
IPLED 2A [IPLE2A], ITAKA 2A [ITAK2A]
RALAN 2A [RALA2A]
RWY 12 DEPARTURES
TO WEST & NORTHWEST

SID	ROUTING
ATNUR 2A	Climb straight ahead to 730' (661'), turn LEFT, 277° track, intercept AKT R-317 to ATNUR.
AZABI 2A	Climb straight ahead to 730' (661'), turn LEFT, 262° track, intercept AKT R-302 to AZABI.
IPLED 2A	Climb straight ahead to 730' (661'), turn LEFT, 212° track, intercept AKT R-242 to IPLED.
ITAKA 2A	Climb straight ahead to 730' (661'), turn LEFT, 225° track, intercept AKT R-265 to ITAKA.
RALAN 2A	Climb straight ahead to 730' (661'), turn LEFT, 238° track, intercept AKT R-278 to RALAN.

UATE/SCO
AKTAU

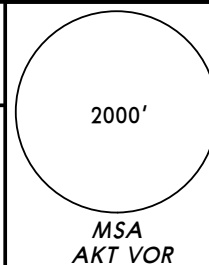
JEPPESEN
1 APR 11 **10-3E** **Eff 7 Apr**

AKTAU, KAZAKHSTAN

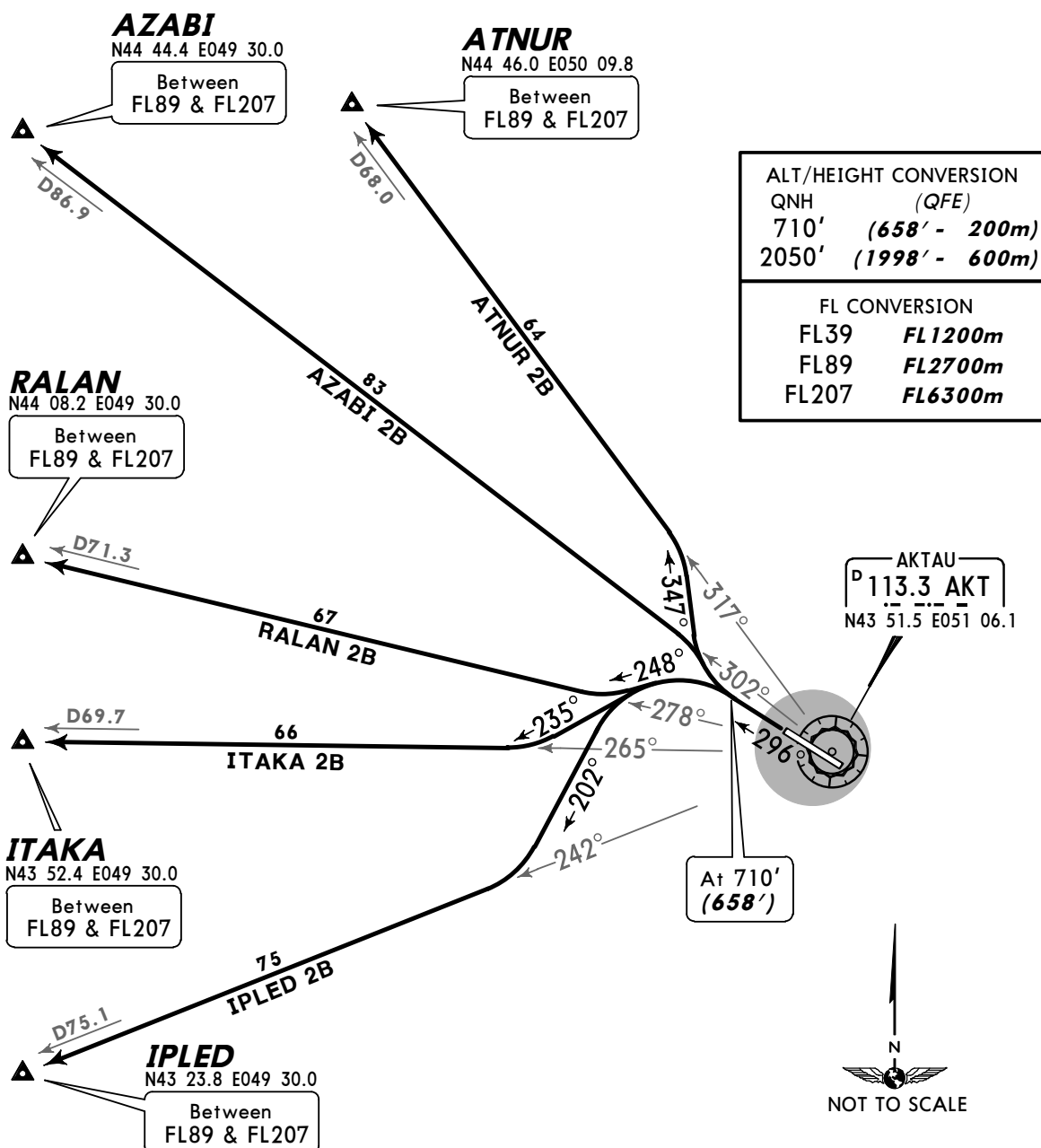
SID

Apt Elev
72'

QNH on request (**QFE**)
Trans level: FL39 Trans alt: 2050' (**1998'**)
FL by ATC.



ATNUR 2B [ATNU2B], AZABI 2B [AZAB2B]
IPLD 2B [IPLE2B], ITAKA 2B [ITAK2B]
RALAN 2B [RALA2B]
RWY 30 DEPARTURES
TO WEST & NORTHWEST



SID	ROUTING
ATNUR 2B	Climb straight ahead to 710' (658'), turn RIGHT, 347° track, intercept AKT R-317 to ATNUR.
AZABI 2B	Climb straight ahead to 710' (658'), intercept AKT R-302 to AZABI.
IPLD 2B	Climb straight ahead to 710' (658'), turn LEFT, 202° track, intercept AKT R-242 to IPLD.
ITAKA 2B	Climb straight ahead to 710' (658'), turn LEFT, 235° track, intercept AKT R-265 to ITAKA.
RALAN 2B	Climb straight ahead to 710' (658'), turn LEFT, 248° track, intercept AKT R-278 to RALAN.

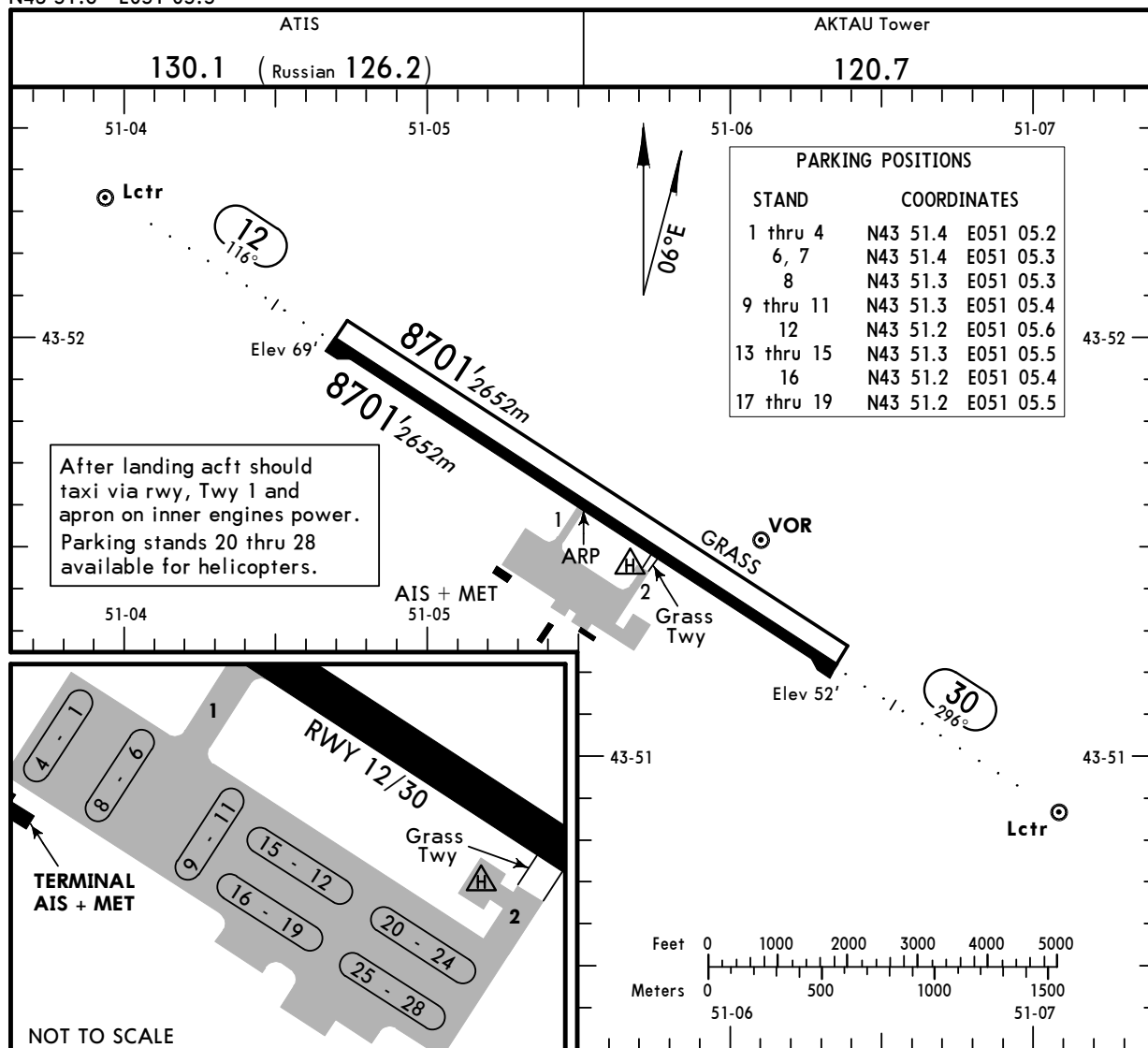
UATE/SCO

Apt Elev **72'**
 N43 51.6 E051 05.5

JEPPesen
 10 APR 09 **(10-9)**

AKTAU, KAZAKHSTAN

AKTAU



ADDITIONAL RUNWAY INFORMATION

			USABLE LENGTHS		TAKE-OFF	WIDTH
			LANDING BEYOND			
RWY			Threshold	Glide Slope		
12	30	RL (60m) ALS	RVR	7547' 2300m		148'
				7729' 2356m		45m
12	30	Grass runway				328'
						100m

TAKE-OFF

AIR CARRIER (JAA) All Rwys			
	DAY		NIGHT
	RL	RCLM	RL
A			
B		400m I	400m I
C	400m I		
D		500m	400m

I LVP must be in force: 300m.

UATE/SCO


JEPPESEN
 15 APR 11 **10-9S**
Standard
AKTAU, KAZAKHSTAN
AKTAU

STRAIGHT-IN RWY		A	B	C	D
12	ILS	269' (200')	269' (200')	299' (230')	299' (230')
		1000m	1000m	1000m	1000m
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ①	730' (661')	730' (661')	1060' (991')	1060' (991')
		3000m	3000m	5000m	5000m
	2 NDB ①	420' (351')	420' (351')	420' (351')	420' (351')
		1400m	1400m	1400m	1400m
30	ALS out	1600m	1600m	1600m	1600m
	NDB	730' (661')	730' (661')	1060' (991')	1060' (991')
		3100m	3100m	5000m	5000m
	ALS out	3300m	3300m	5000m	5000m
	ILS	265' (213')	265' (213')	282' (230')	282' (230')
		1000m	1000m	1000m	1000m
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ①	710' (658')	710' (658')	1040' (988')	1040' (988')
		3000m	3000m	5000m	5000m
	2 NDB ①	410' (358')	410' (358')	410' (358')	410' (358')
		1400m	1400m	1400m	1400m
	ALS out	1600m	1600m	1600m	1600m
	NDB	710' (658')	710' (658')	1040' (988')	1040' (988')
		3000m	3000m	5000m	5000m
	ALS out	3200m	3200m	5000m	5000m

① Continuous Descent Final Approach.

TAKE-OFF RWY 12, 30

DAY			NIGHT
RL	RCLM	NIL	RL
A B C D	400m②	500m	400m②
	500m		400m

② LVP must be in force: 300m.

UATE/SCO

 **JEPPESEN**
1 APR 11 **(10-9X)** Eff 7 Apr**JAA MINIMUMS****AKTAU, KAZAKHSTAN**
AKTAU

STRAIGHT-IN RWY		A	B	C	D
12	ILS	269' (200')	269' (200')	299' (230')	299' (230')
		800m	800m	900m	900m
	<i>ALS out</i>	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR DME	730' (661')	730' (661')	1060' (991')	1060' (991')
		3000m	3000m	5000m	5000m
	2 NDB	370' (301')	370' (301')	370' (301')	370' (301')
		1400m	1400m	1600m	1800m
	<i>ALS out</i>	1500m	1500m	1800m	2000m
	NDB	730' (661')	730' (661')	1060' (991')	1060' (991')
		3000m	3000m	5000m	5000m
30	ILS	265' (213')	265' (213')	282' (230')	282' (230')
		800m	800m	900m	900m
	<i>ALS out</i>	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR DME	710' (658')	710' (658')	1040' (988')	1040' (988')
		3000m	3000m	5000m	5000m
	2 NDB	370' (318')	370' (318')	370' (318')	370' (318')
		1400m	1400m	1600m	1800m
	<i>ALS out</i>	1500m	1500m	1800m	2000m
	NDB	710' (658')	710' (658')	1040' (988')	1040' (988')
		3000m	3000m	5000m	5000m

TAKE-OFF RWY 12, 30

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

I LVP must be in force: 300m.

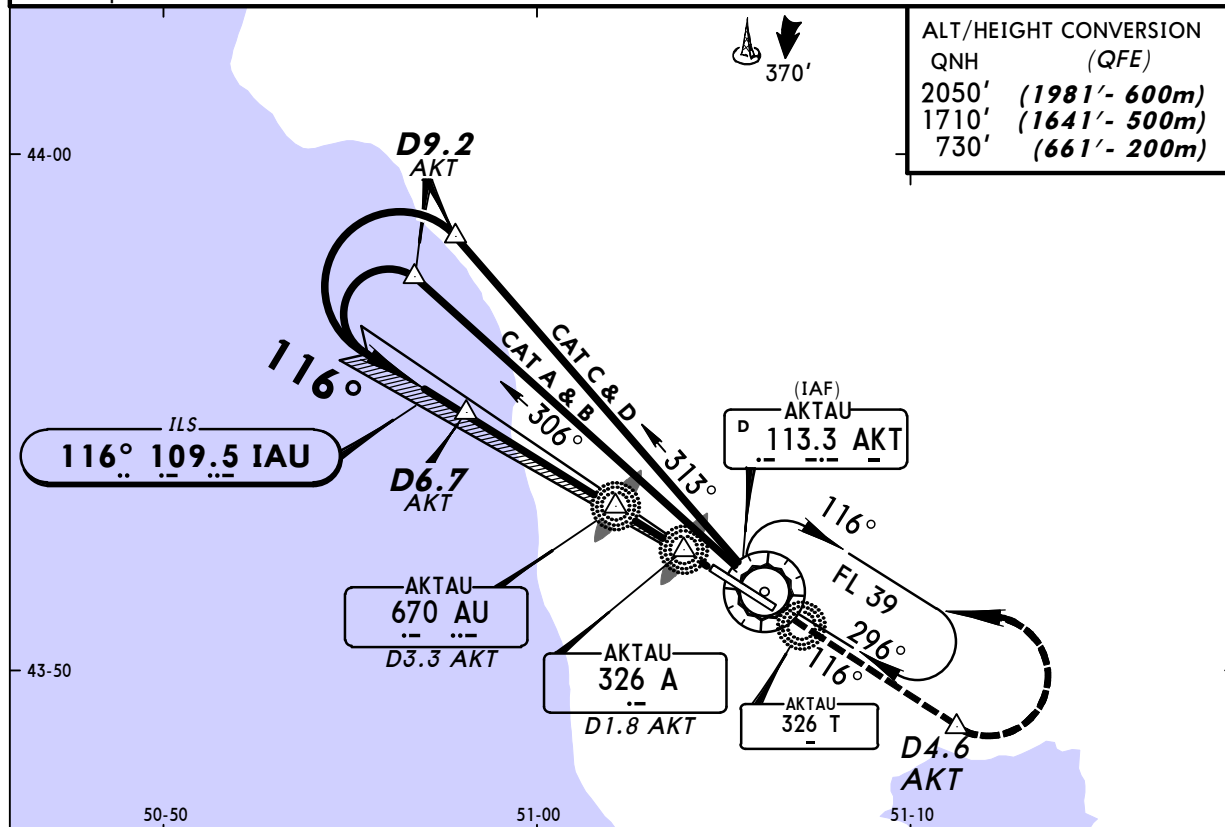
UATE/SCO
AKTAU

JEPPesen
1 APR 11 **(11-1)** Eff 7 Apr

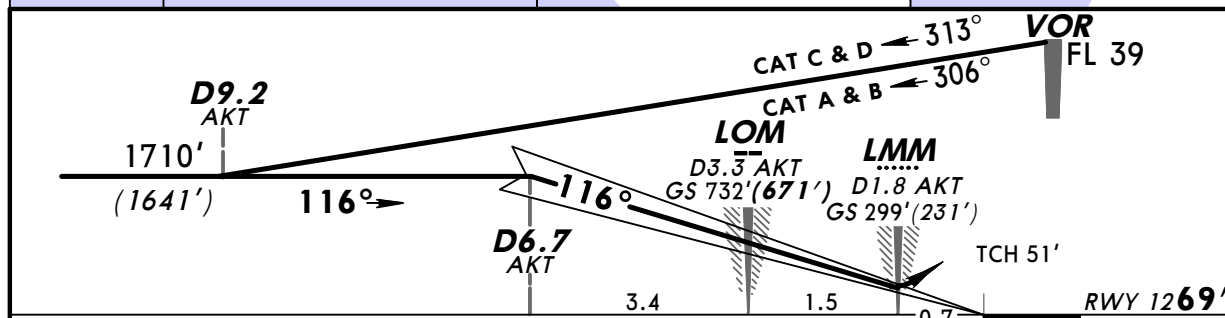
AKTAU, KAZAKHSTAN
ILS Z Rwy 12

BRIEFING STRIP

ATIS		AKTAU Approach		AKTAU Tower	
130.1 (Russian 126.2)		134.3		120.7	
LOC IAU 109.5	Final Apch Crs 116°	GS LOM 732' (671')	ILS DA(H) Refer to Minimums	Apt Elev 72' RWY 69'	2000' MSA AKT VOR
MISSED APCH: Climb on 116° to 730' (661') or above outbound to D4.6 AKT, then turn LEFT to VOR. Climb initially to 1710' (1641'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 39 to VOR and hold. Missed apch turn restricted to MAX 225 KT.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2050' (1981') Initial apch restricted to MAX 195 KT.					



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1981' - 600m)
1710'	(1641' - 500m)
730'	(661' - 200m)



							ALS		730'					
Gnd speed-Kts	70	90	100	120	140	160	-		(661')		on		116°	
Gs	2.67°	336	432	480	576	671	-		or above				D4.6	
							-		↑				AKT	

STRAIGHT-IN LANDING RWY 12		VOR	
ILS		LOC (GS out)	
DA(H) AB: 269' (200') CD: 299' (230')			
FULL	ALS out		
A	1200m	NOT AUTHORIZED	
B			
C			
D			

PANS OPS

UATE/SCO
AKTAU

JEPPESEN
1 APR 11 **(11-2)** Eff 7 Apr

AKTAU, KAZAKHSTAN
ILS Y Rwy 12

BRIEFING STRIP

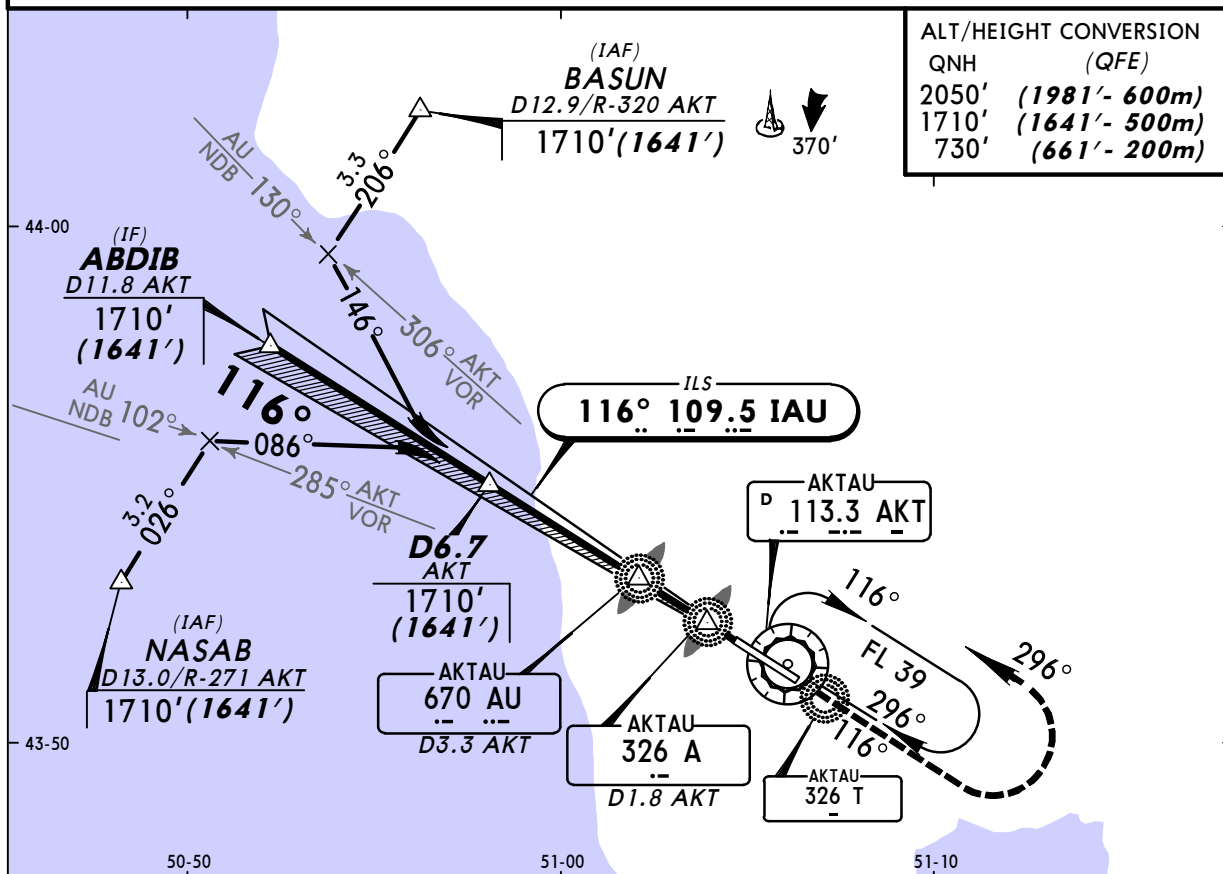
ATIS		AKTAU Approach		AKTAU Tower		2000' MSA AKT VOR
130.1 (Russian 126.2)		134.3		120.7		
LOC IAU 109.5	Final Apch Crs 116°	GS LOM 732' (671')	ILS DA(H) Refer to Minimums	Apt Elev 72' RWY 69'		
MISSED APCH: Climb on 116° to 730' (661'), then turn LEFT onto 296° climbing to 1710' (1641'), then as directed.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		Trans alt: 2050' (1981')
RADAR required.						

Alt Set: MM (hPa on req)
RADAR required.

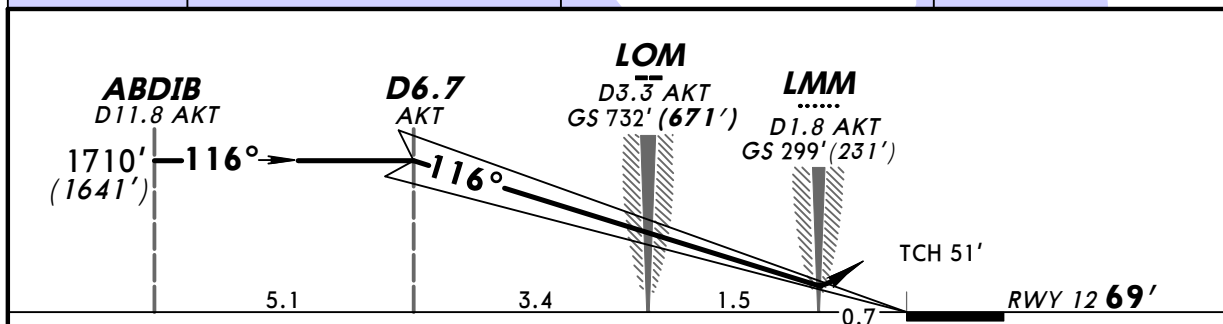
QNH on req (**QFE**)

Trans level: FL 39

Trans alt: 2050' (**1981'**)



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1981' - 600m)
1710'	(1641' - 500m)
730'	(661' - 200m)



Gnd speed-Kts	70	90	100	120	140	160	730' (661') on 116°
GS	2.67°	336	432	480	576	671	

STRAIGHT-IN LANDING RWY 12					
ILS		LOC (GS out)			
<i>DA(H)</i> AB: 269'(200') CD: 299'(230')					
FULL		ALS out			
A	1200m		NOT AUTHORIZED		
B					
C					
D					

PANS OPS

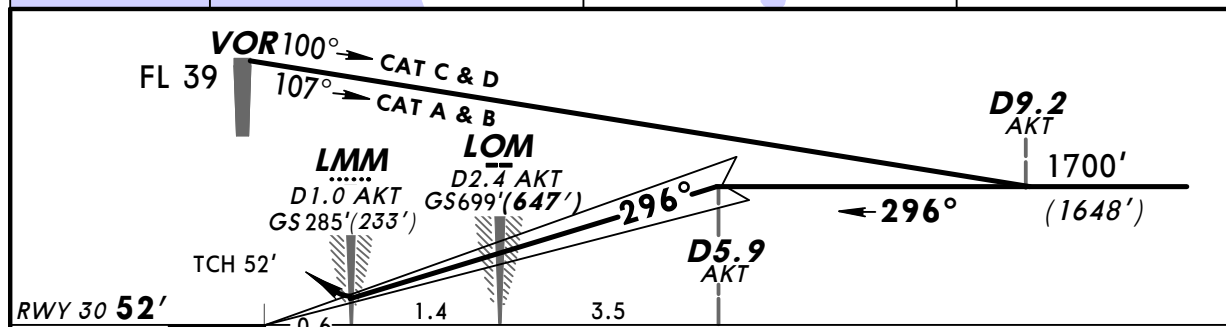
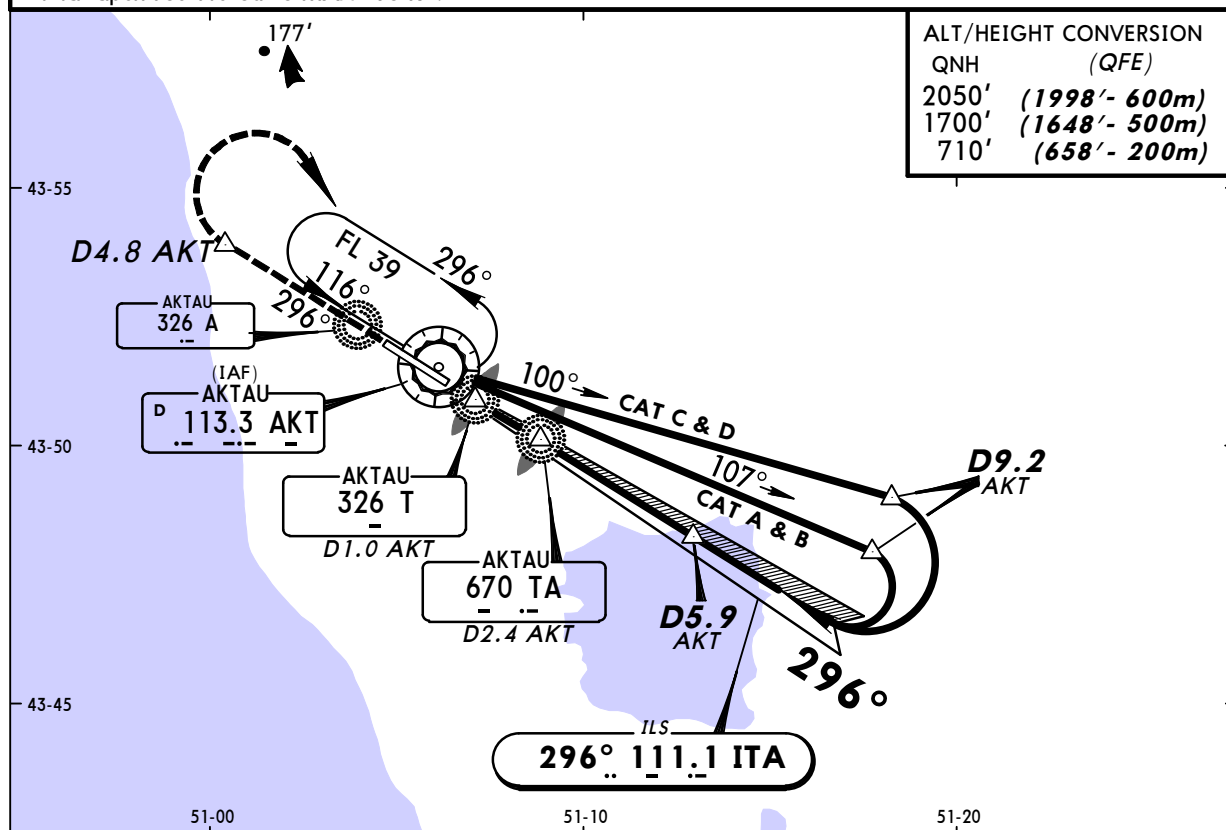
UATE/SCO
AKTAU

JEPPESSEN
1 APR 11 **11-3** Eff 7 Apr

AKTAU, KAZAKHSTAN
ILS Z Rwy 30

BRIEFING STRIP

ATIS		AKTAU Approach			AKTAU Tower	
130.1 (Russian 126.2)		134.3			120.7	
LOC ITA 111.1	Final Apch Crs 296°	GS LOM 699'(647')	ILS DA(H) Refer to Minimums	Apt Elev 72' RWY 52'	2000' MSA AKT VOR	
MISSED APCH: Climb on 296° to 710'(658') or above outbound to D4.8 AKT, then turn RIGHT to VOR. Climb initially to 1700'(1648'), then as directed.						
MISSED APCH WITH COMM FAILURE: Climb to FL 39 to VOR and hold. Missed apch turn restricted to MAX 225 KT.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39	Trans alt: 2050'(1998')	
Initial apch restricted to MAX 195 KT.						



Gnd speed-Kts	70	90	100	120	140	160	ALS	710' (658') or above on 296°	D4.8 AKT
GS	2.67°	336	432	480	576	671			

STRAIGHT-IN LANDING RWY 30					
ILS		LOC (GS out)			
<i>DA(H)</i> AB: 265'(213') CD: 282'(230')					
FULL		ALS out			
A	1200m		NOT AUTHORIZED		
B					
C					
D					

PANS OPS

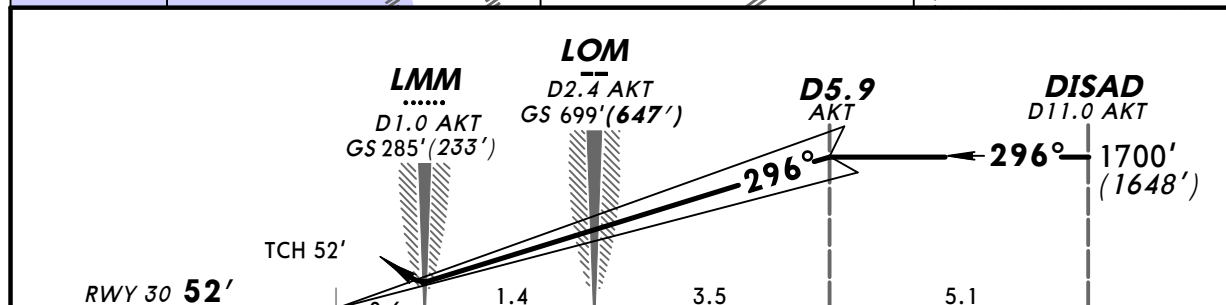
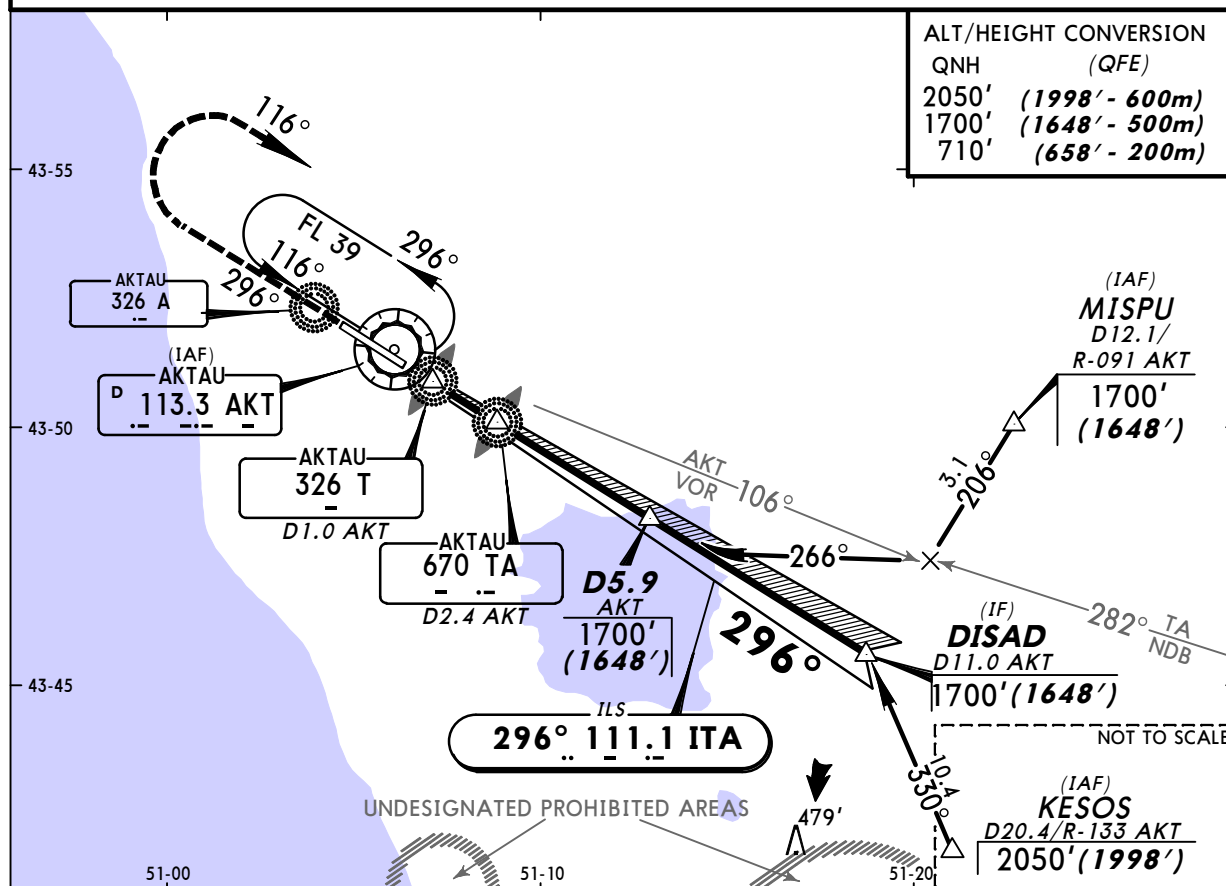
UATE/SCO
AKTAU

JEPPESSEN
1 APR 11 **11-4** Eff 7 Apr

AKTAU, KAZAKHSTAN
ILS Y Rwy 30

BRIEFING STRIP

ATIS		AKTAU Approach		AKTAU Tower		2000' MSA AKT VOR
130.1 (Russian 126.2)		134.3		120.7		
LOC ITA 111.1	Final Apch Crs 296°	GS LOM 699' (647')	ILS DA(H) Refer to Minimums	Apt Elev 72' RWY 52'		
MISSED APCH: Climb on 296° to 710' (658'), then turn RIGHT onto 116° climbing to 1700' (1648'), then as directed.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		Trans alt: 2050' (1998')
RADAR required.						



Gnd speed-Kts	70	90	100	120	140	160	710' (658') on 296°
GS	2.67°	336	432	480	576	671	

STRAIGHT-IN LANDING RWY 30					
ILS		LOC (GS out)			
DA(H) AB: 265'(213') CD: 282'(230')					
FULL		ALS out			
A	1200m		NOT AUTHORIZED		
B					
C					
D					

PANS OPS

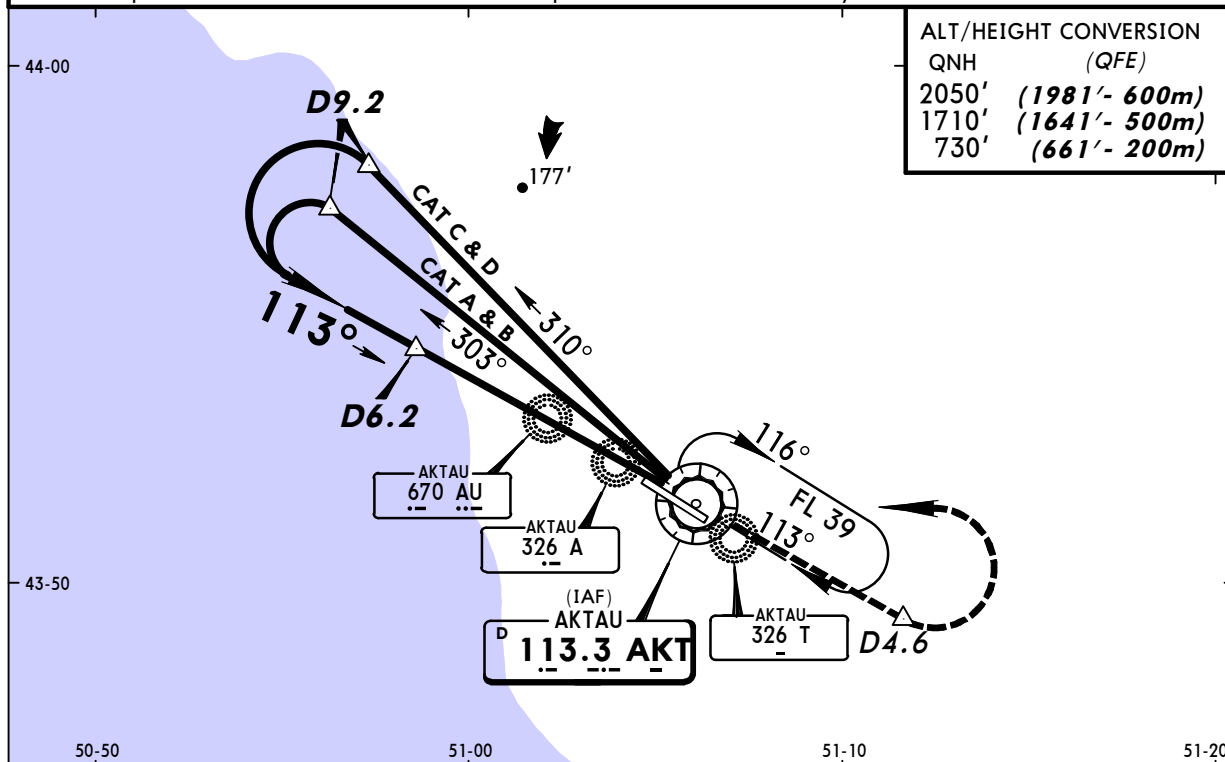
UATE/SCO
AKTAU

JEPPESSEN
1 APR 11 **13-1** Eff 7 Apr

AKTAU, KAZAKHSTAN
VOR DME Rwy 12

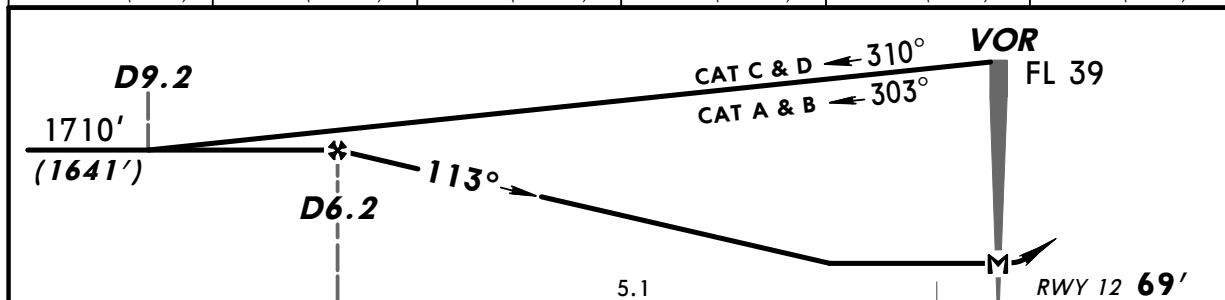
BRIEFING STRIP

ATIS		AKTAU Approach		AKTAU Tower	
130.1 (Russian 126.2)		134.3		120.7	
VOR AKT 113.3	Final Apch Crs 113°	Minimum Alt D6.2 1710' (1641')	MDA(H) Refer to Minimums	Apt Elev 72' RWY 69'	2000' MSA AKT VOR
MISSED APCH: Climb on 113° to 730' (661') or above outbound to D4.6, then turn LEFT to VOR. Climb initially to 1710' (1641'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 39 to VOR and hold. Missed apch turn restricted to MAX 225 KT.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2050' (1981') 1. Initial apch restricted to MAX 195 KT. 2. Final apch track offset 3° from rwy centerline.					



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1981' - 600m)
1710'	(1641' - 500m)
730'	(661' - 200m)

AKT DME	6.2	5.1	4.2	3.1	2.2
ALTITUDE (HAT)	1710' (1641')	1400' (1331')	1080' (1011')	760' (691')	450' (381')



Gnd speed-Kts	70	90	100	120	140	160	ALS	730' (661') or above on	113°	D4.6
Descent angle 3.00°	372	478	531	637	743	849				
MAP at VOR										

STRAIGHT-IN LANDING RWY 12		ALS out	
MDA(H) AB: 730' (661') CD: 1060' (991')			
A	3000m		
B			
C	5000m		
D			

PANS OPS

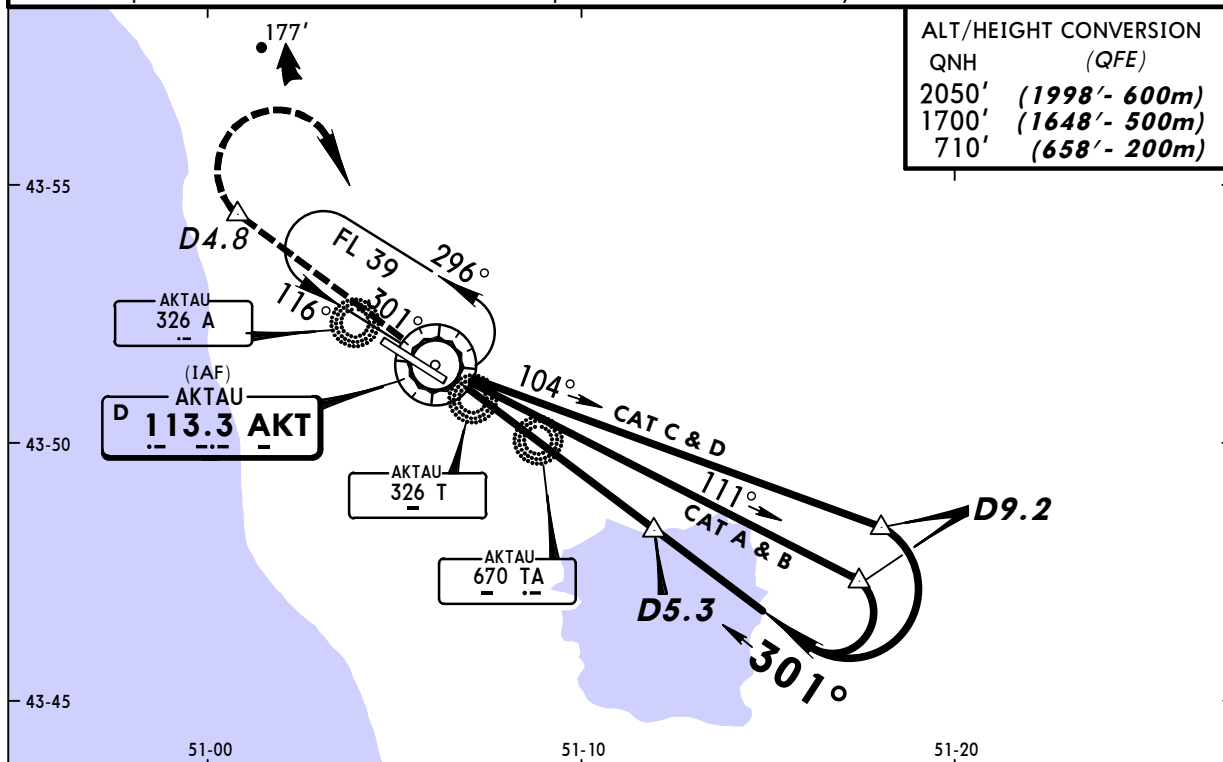
UATE/SCO
AKTAU

JEPPesen
1 APR 11 **(13-2)** Eff 7 Apr

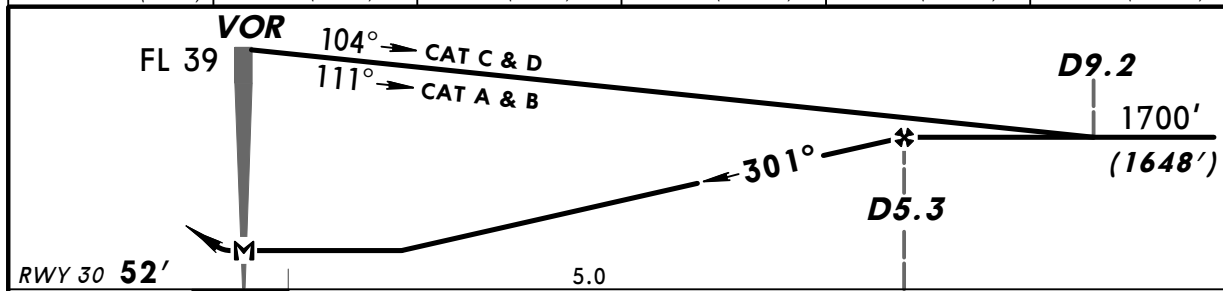
AKTAU, KAZAKHSTAN
VOR DME Rwy 30

BRIEFING STRIP

ATIS		AKTAU Approach		AKTAU Tower	
130.1 (Russian 126.2)		134.3		120.7	
VOR AKT 113.3	Final Apch Crs 301°	Minimum Alt D5.3 1700' (1648')	MDA(H) Refer to Minimums	Apt Elev 72' RWY 52'	2000' MSA AKT VOR
MISSED APCH: Climb on 301° to 710' (658') or above outbound to D4.8, then turn RIGHT to VOR. Climb initially to 1700' (1648'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 39 to VOR and hold. Missed apch turn limited to MAX 225 KT.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2050' (1998')					
1. Initial apch restricted to MAX 195 KT. 2. Final apch track offset 5° from rwy centerline.					



AKT DME	1.3	2.3	3.3	4.3	5.3
ALTITUDE (HAT)	430' (378')	740' (688')	1070' (1018')	1380' (1328')	1700' (1648')



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

STRAIGHT-IN LANDING RWY 30					
MDA(H) AB: 710'(658')					
CD: 1040'(988')					
		ALS out			
A	3000m				
B					
C	5000m				
D					

PANS OPS

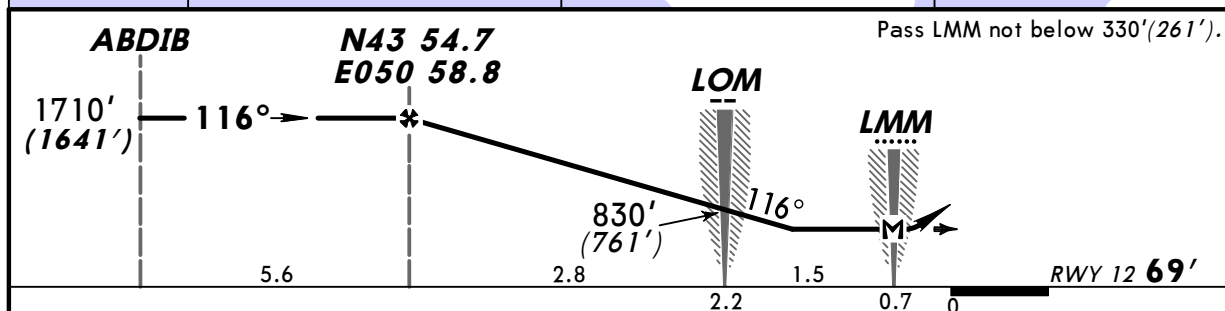
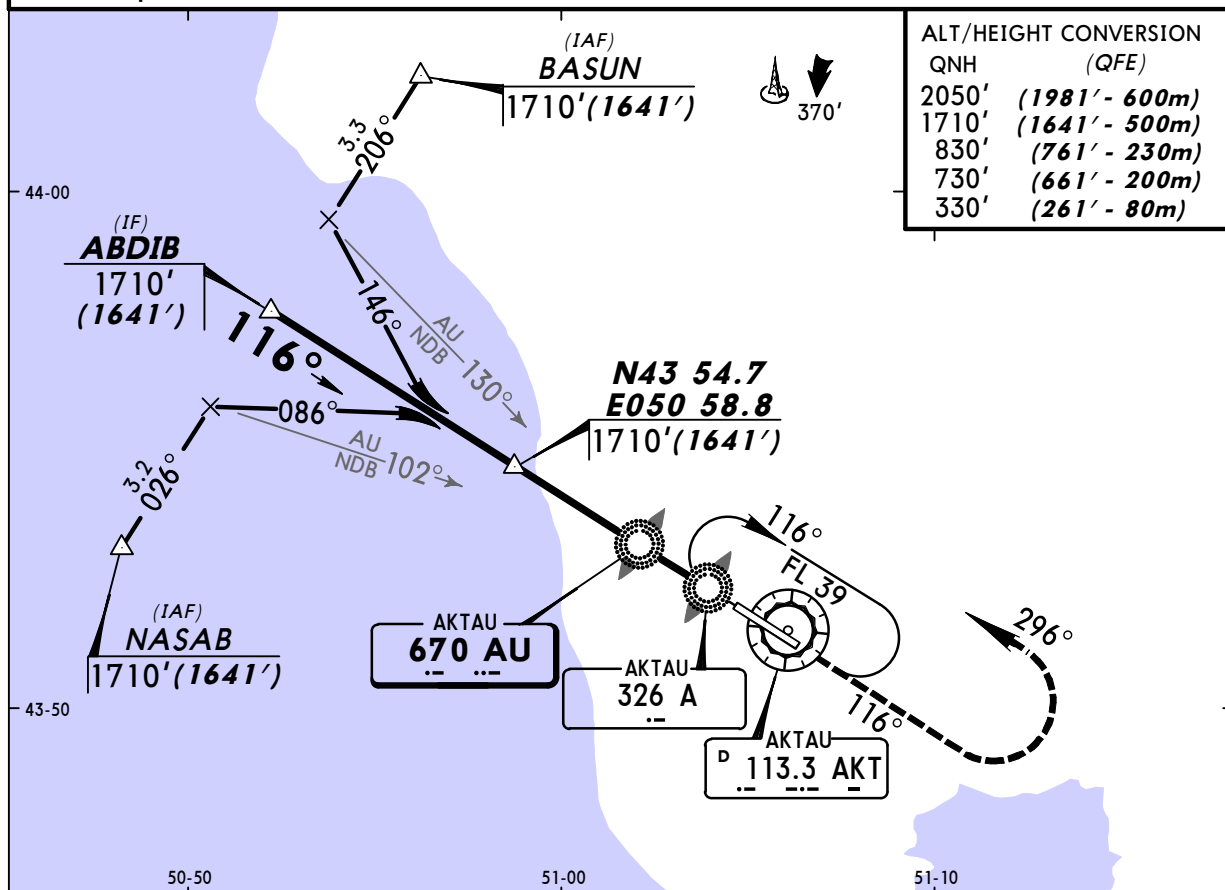
UATE/SCO
AKTAU

JEPPESSEN
1 APR 11 **(16-1)** Eff 7 Apr

AKTAU, KAZAKHSTAN
2 NDB Rwy 12

BRIEFING STRIP

ATIS		AKTAU Approach		AKTAU Tower		2000' MSA AKT VOR
130.1 (Russian 126.2)		134.3		120.7		
NDB AU 670	Final Apch Crs 116°	Minimum Alt N43 54.7 E050 58.8 1710' (1641')	MDA(H) 370' (301')	Apt Elev 72' RWY 69'		
MISSED APCH: Climb on 116° to 730' (661') , then turn LEFT onto 296° climbing to 1710' (1641') , then as directed.						
Alt Set: MM (hPa on req) RADAR required.		QNH on req (QFE)		Trans level: FL 39		Trans alt: 2050' (1981')



Gnd speed-Kts	70	90	100	120	140	160	ALS	730' (661') on 116°
Descent angle 3.00°	372	478	531	637	743	849		
MAP at LMM								

STRAIGHT-IN LANDING RWY 12		ALS out	
MDA(H) 370' (301')			
RVR 1500m VIS 1600m			

PANS OPS

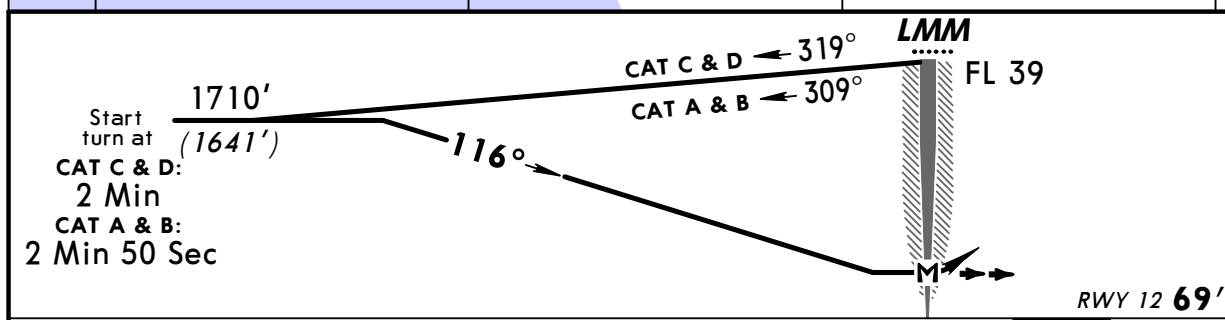
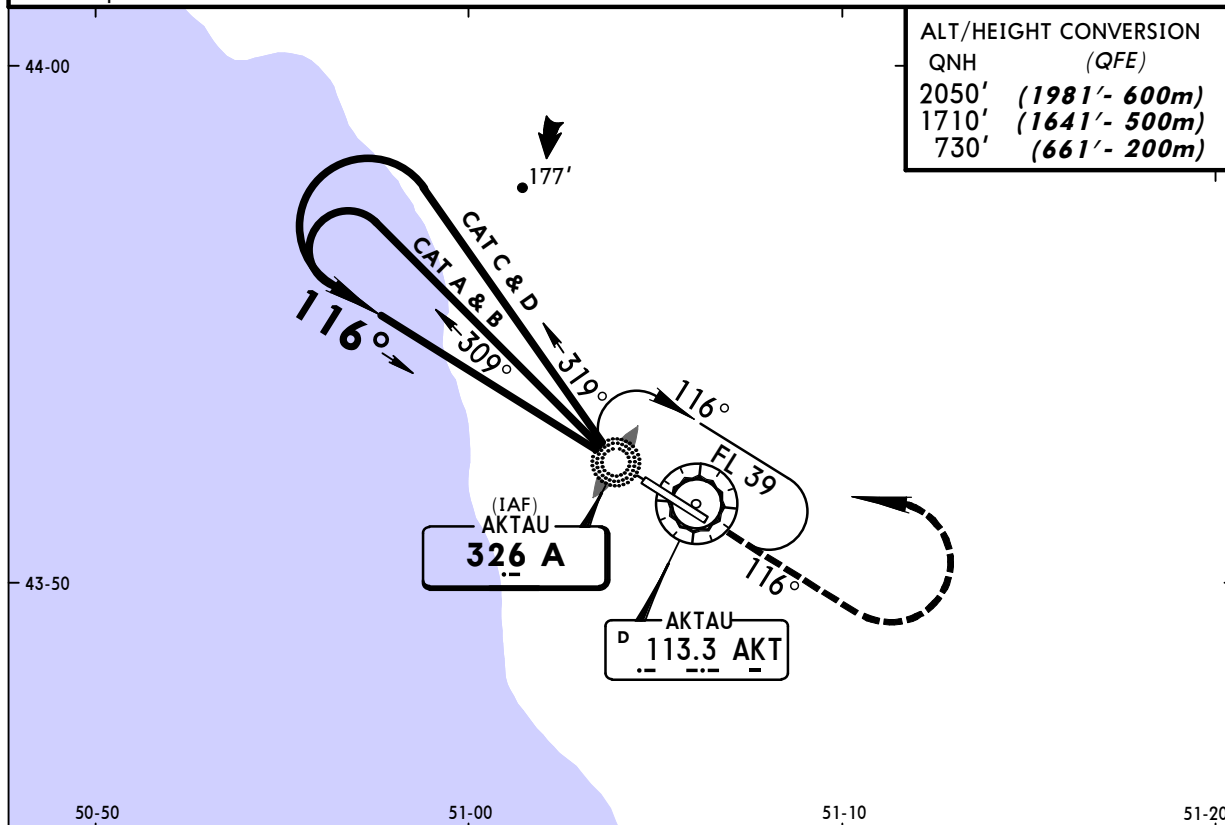
UATE/SCO
AKTAU

JEPPESEN
1 APR 11 **(16-2)** Eff 7 Apr

AKTAU, KAZAKHSTAN
NDB Rwy 12

BRIEFING STRIP

ATIS		AKTAU Approach			AKTAU Tower	
130.1 (Russian 126.2)		134.3			120.7	
NDB A 326	Final Apch Crs 116°	Minimum Alt No FAF	MDA(H) Refer to Minimums	Apt Elev 72' RWY 69'	2000' MSA AKT VOR	
MISSED APCH: Climb on 116° to 730' (661') or above. After passing NDB maintain 116° for 1 Min 20 Sec, then turn LEFT to NDB. Climb initially to 1710' (1641'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 39 to NDB and hold. Missed apch turn restricted to MAX 225 KT.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		
Initial apch restricted to MAX 195 KT.						



MAP at LMM						ALS	Refer to Missed Apch above

STRAIGHT-IN LANDING RWY 12					
MDA(H) AB: 730'(661')					
CD: 1060'(991')					
		ALS out			
A	3000m				
B					
C	5000m				
D					

PANS OPS

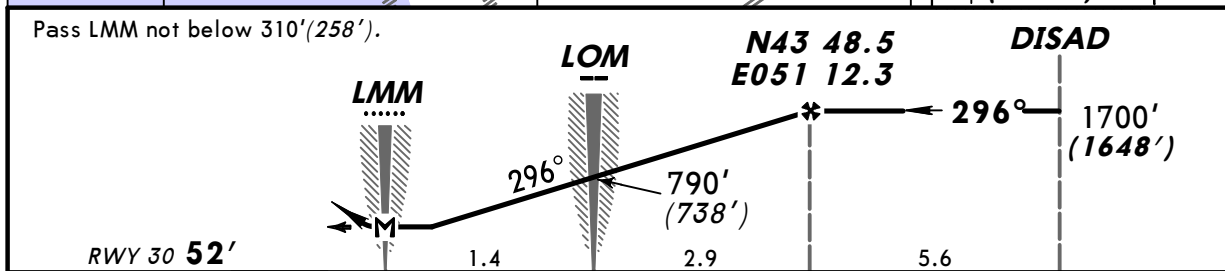
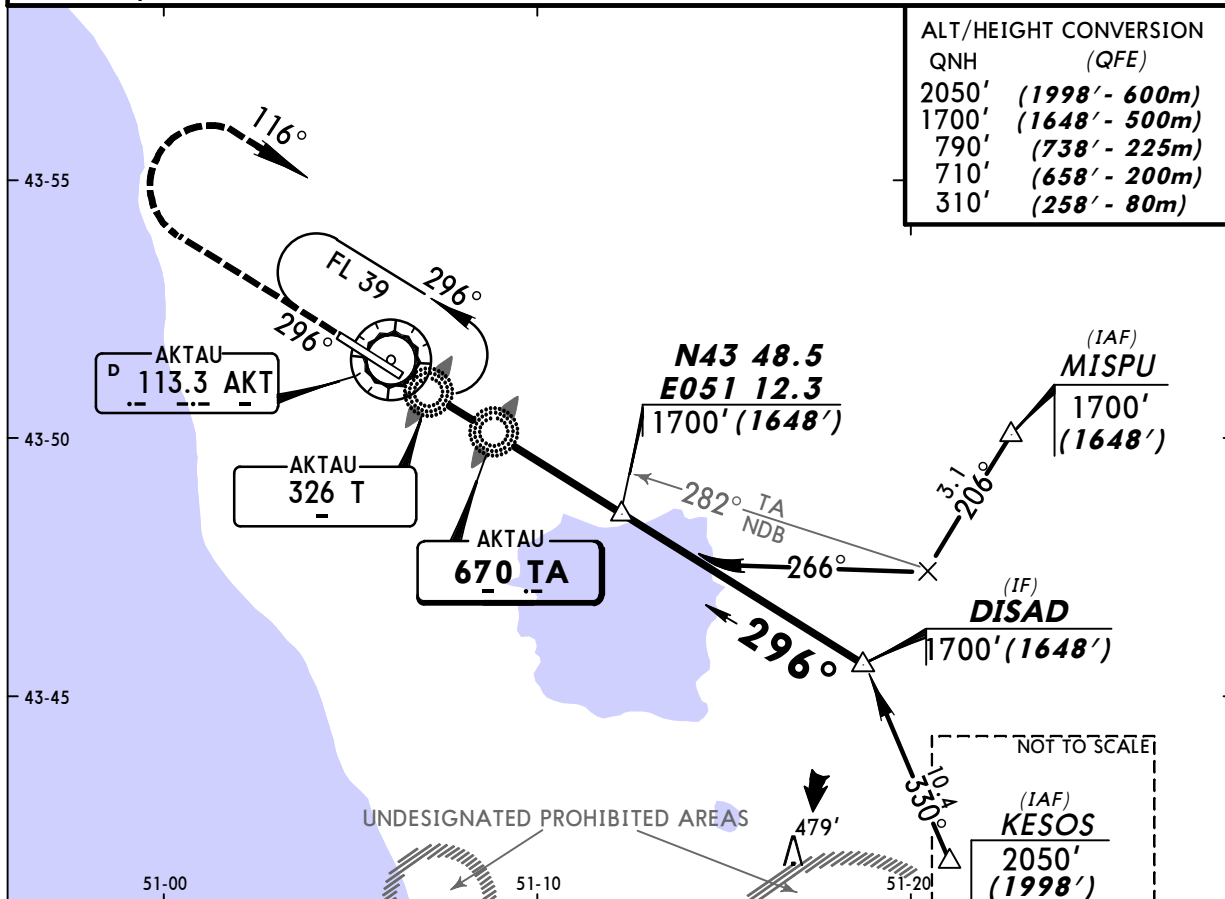
UATE/SCO
AKTAU

JEPPESSEN
1 APR 11 **(16-3)** **Eff 7 Apr**

AKTAU, KAZAKHSTAN
2 NDB Rwy 30

BRIEFING STRIP

ATIS		AKTAU Approach		AKTAU Tower		2000' MSA AKT VOR
130.1 (Russian 126.2)		134.3		120.7		
NDB TA 670	Final Apch Crs 296°	Minimum Alt N43 48.5 E051 12.3 1700' (1648')	MDA(H) 370' (318')	Apt Elev 72' RWY 52'		
MISSED APCH: Climb on 296° to 710' (658') , then turn RIGHT onto 116° climbing to 1700' (1648'), then as directed.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		
RADAR required.		Trans alt: 2050' (1998')				



Gnd speed-Kts	70	90	100	120	140	160	 710' (658') on 296°
Descent angle 3.00°	372	478	531	637	743	849	
MAP at LMM							

STRAIGHT-IN LANDING RWY 30			
MDA(H) 370'(318')			
		ALS out	
A	RVR 1500m VIS 1600m		
B			
C			
D			

PANS OPS

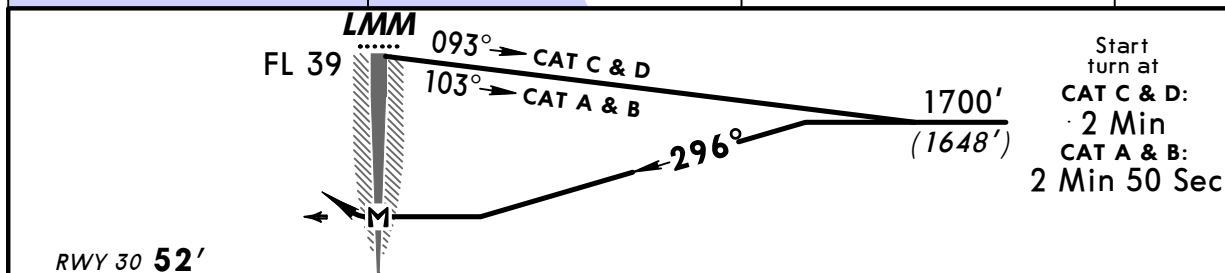
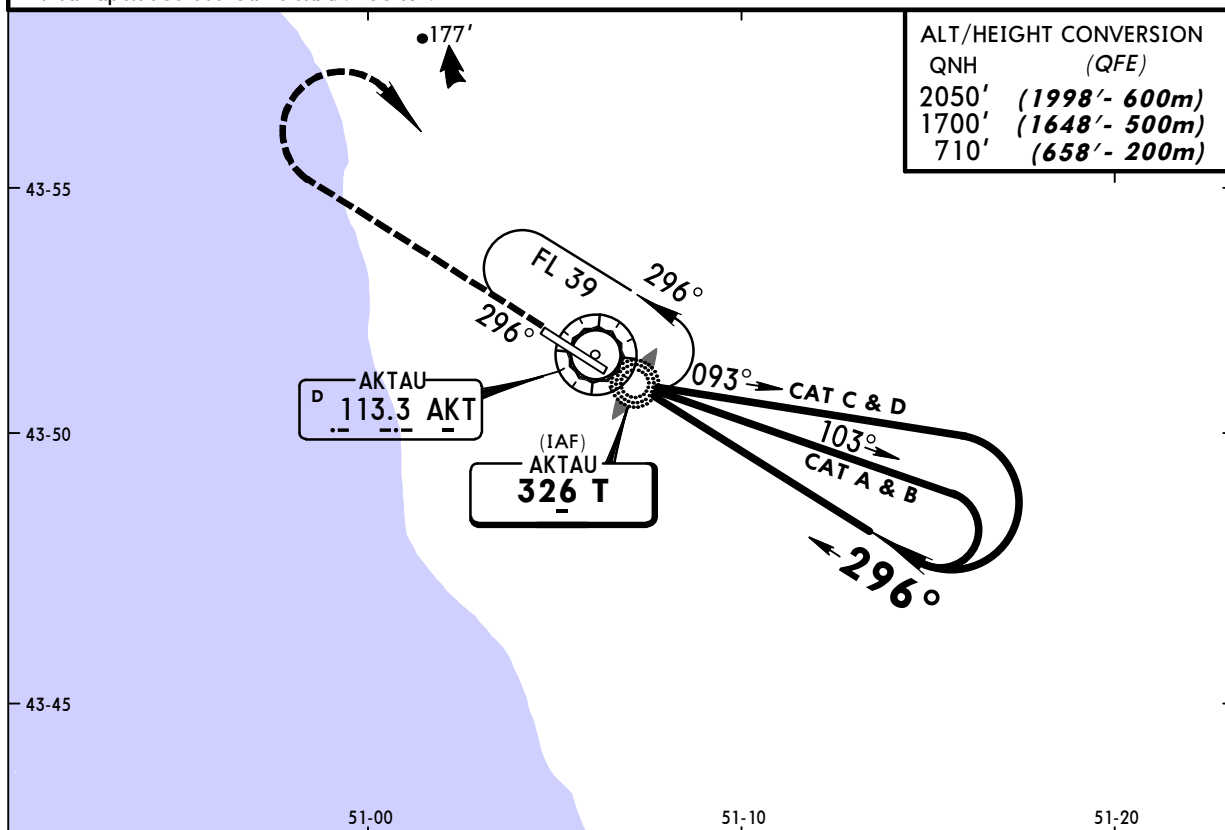
UATE/SCO
AKTAU

JEPPesen
1 APR 11 **(16-4)** Eff 7 Apr

AKTAU, KAZAKHSTAN
NDB Rwy 30

BRIEFING STRIP

ATIS		AKTAU Approach		AKTAU Tower	
130.1 (Russian 126.2)		134.3		120.7	
NDB T 326	Final Apch Crs 296°	Minimum Alt No FAF	MDA(H) Refer to Minimums	Apt Elev 72' RWY 52'	2000' MSA AKT VOR
MISSED APCH: Climb on 296° to 710' (658') or above. After passing NDB maintain 296° for 1 Min 20 Sec, then turn RIGHT to NDB. Climb initially to 1700' (1648'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 39 to NDB and hold. Misssed apch turn restricted to MAX 225 KT.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39	
Initial apch restricted to MAX 195 KT.				Trans alt: 2050' (1998')	



					ALS	Refer to Missed Apch above
MAP at LMM						

STRAIGHT-IN LANDING RWY30						
MDA(H) AB: 710' (658') CD: 1040' (988')						
					ALS out	
A	3000m					
B						
C	5000m					
D						

PANS OPS