

List of pages in this Trip Kit

Trip Kit Index

Airport Information For UATE

Terminal Charts For UATE

Revision Letter For Cycle 08-2013

Change Notices

Notebook

General Information

Location: Aktau Kaz
IATA Code: SCO
Lat/Long: N43° 51.6' E051° 05.5'
Elevation: 72 ft

Airport Use: Public
Magnetic Variation: 7.1°E

Fuel Types: Jet, Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0154 Z
Sunset: 1518 Z,

Runway Information

Runway: 12
Length x Width: 10013 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 69 ft
Lighting: Edge, ALS

Runway: 30
Length x Width: 10013 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 52 ft
Lighting: Edge, ALS

Communication Information

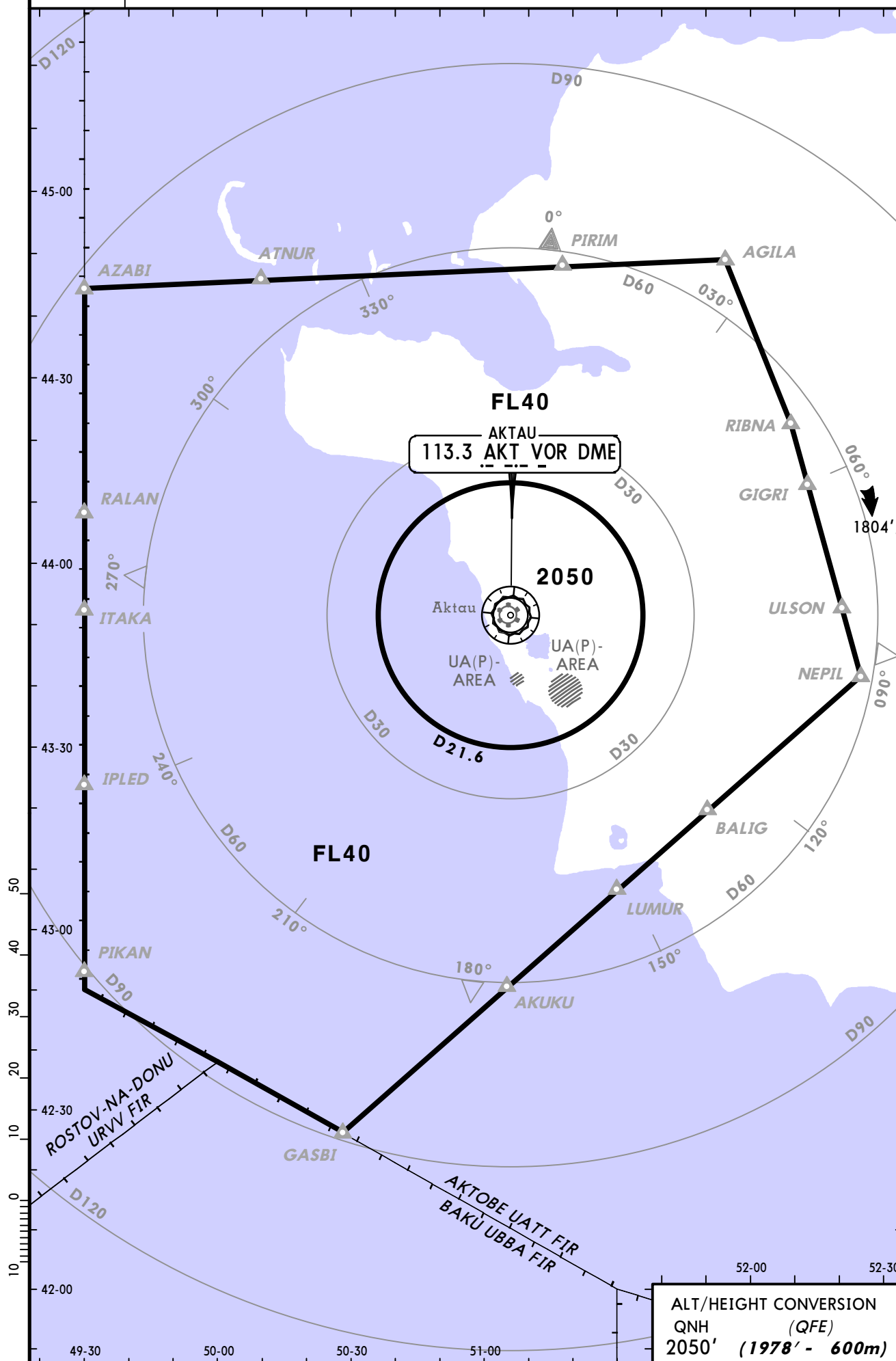
ATIS 130.1
ATIS 126.2 Non-English
Aktau Tower 120.7
Aktau Approach Control 134.3

Apt Elev
72'

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

Trans level: FL40 Trans alt: 2050' (1978')

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

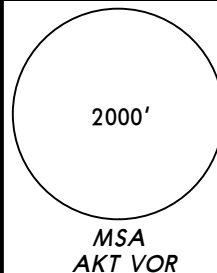


ATIS
130.1 (Russian 126.2)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2050' (1981')
Crossings at airway exit points by ATC.

AGILA 3C [AGIL3C], GIGRI 2C [GIGR2C]
NEPIL 2C [NEPI2C], PRIM 2C [PRIR2C]
RIBNA 2C [RIBN2C], ULSON 2C [ULSO2C]
RWY 12 ARRIVALS



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

PRIM
N44 48.1 E051 17.7
Between
FL210 & FL40

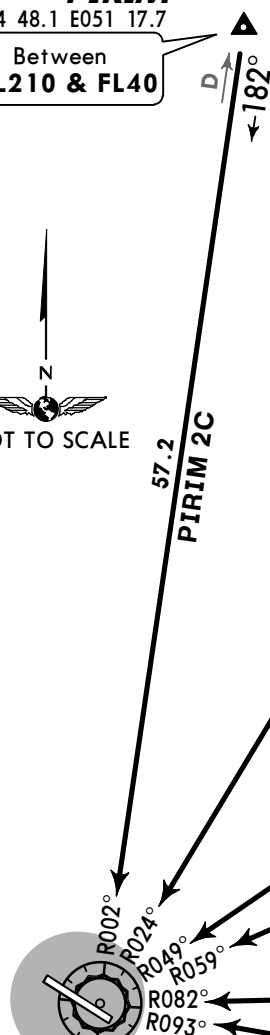
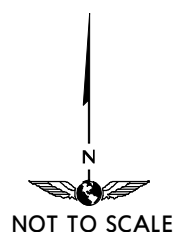
AGILA
N44 49.0 E051 54.4
Between
FL210 & FL40

RIBNA
N44 22.6 E052 09.1
Between
FL210 & FL40

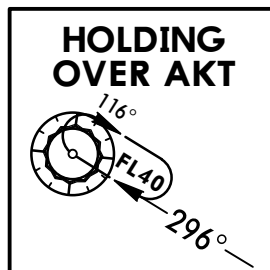
GIGRI
N44 12.8 E052 12.9
Between
FL210 & FL40

ULSON
N43 52.7 E052 20.7
Between
FL210 & FL40

NEPIL
N43 41.6 E052 24.9
Between
FL210 & FL40



(IAF)
AKTAU
D (H) 113.3 AKT
N43 51.5 E051 06.1
At FL40



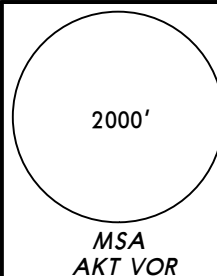
STAR	ROUTING
AGILA 3C	Intercept AKT R-024 inbound to AKT.
GIGRI 2C	Intercept AKT R-059 inbound to AKT.
NEPIL 2C	Intercept AKT R-093 inbound to AKT.
PRIM 2C	Intercept AKT R-002 inbound to AKT.
RIBNA 2C	Intercept AKT R-049 inbound to AKT.
ULSON 2C	Intercept AKT R-082 inbound to AKT.

ATIS
130.1 (Russian 126.2)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 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



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

PIRIM
N44 48.1 E051 17.7
Between
FL210 & FL40

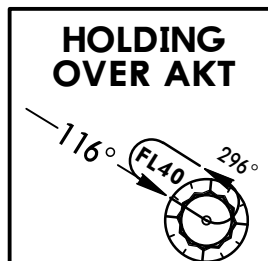
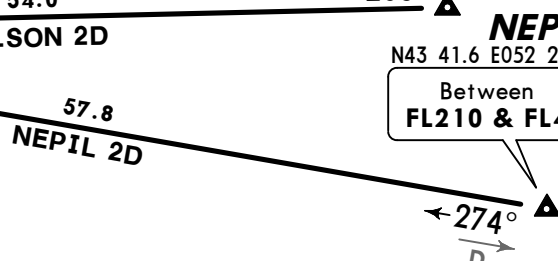
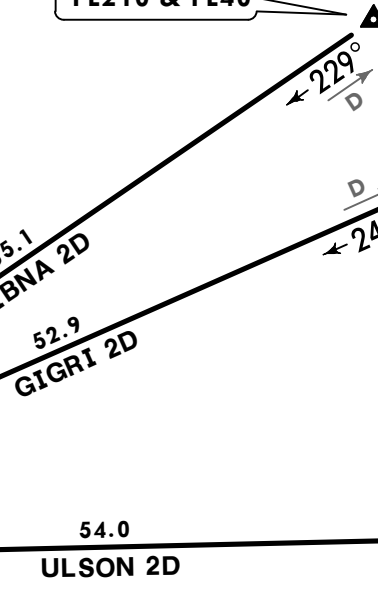
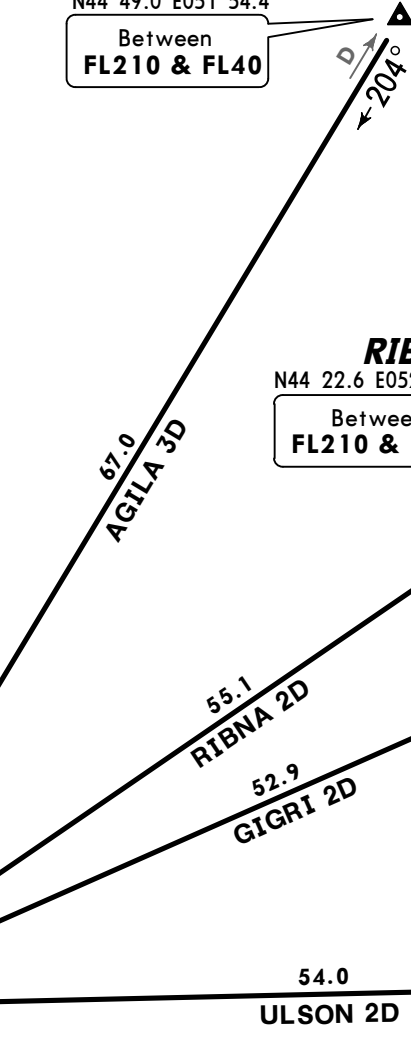
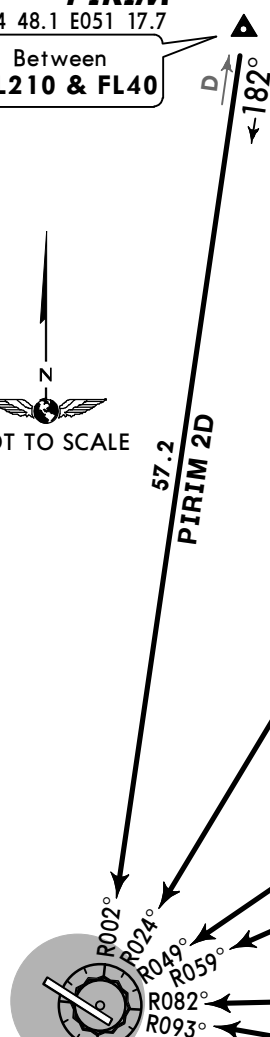
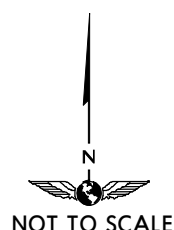
AGILA
N44 49.0 E051 54.4
Between
FL210 & FL40

RIBNA
N44 22.6 E052 09.1
Between
FL210 & FL40

GIGRI
N44 12.8 E052 12.9
Between
FL210 & FL40

ULSON
N43 52.7 E052 20.7
Between
FL210 & FL40

NEPIL
N43 41.6 E052 24.9
Between
FL210 & FL40



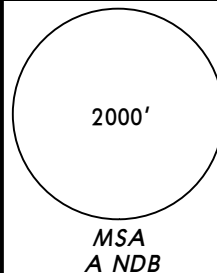
STAR	ROUTING
AGILA 3D	Intercept AKT R-024 inbound to AKT.
GIGRI 2D	Intercept AKT R-059 inbound to AKT.
NEPIL 2D	Intercept AKT R-093 inbound to AKT.
PIRIM 2D	Intercept AKT R-002 inbound to AKT.
RIBNA 2D	Intercept AKT R-049 inbound to AKT.
ULSON 2D	Intercept AKT R-082 inbound to AKT.

ATIS
130.1 (Russian 126.2)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2050' (1981')
Crossings at airway exit points by ATC.

AGILA 3E [AGIL3E], GIGRI 2E [GIGR2E]
NEPIL 2E [NEPI2E], PIRIM 2E [PIRI2E]
RIBNA 2E [RIBN2E], ULSON 2E [ULSO2E]
RWY 12 ARRIVALS



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

PIRIM
N44 48.1 E051 17.7
Between
FL210 & FL40

AGILA
N44 49.0 E051 54.4
Between
FL210 & FL40

RIBNA
N44 22.6 E052 09.1
Between
FL210 & FL40

GIGRI
N44 12.8 E052 12.9
Between
FL210 & FL40

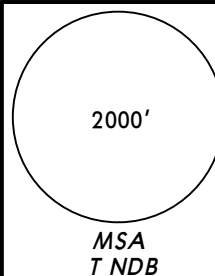
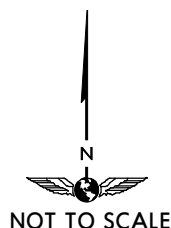
ULSON
N43 52.7 E052 20.7
Between
FL210 & FL40

NEPIL
N43 41.6 E052 24.9
Between
FL210 & FL40

(IAF)
AKTAU
326 A
N43 52.3 E051 03.9
At FL40



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.

ATIS
130.1 (Russian 126.2)Apt Elev
72'Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2050' (1998')
Crossings at airway exit points by ATC.AGILA 3F [AGIL3F], GIGRI 2F [GIGR2F]
NEPIL 2F [NEPI2F], PIRIM 2F [PIRI2F]
RIBNA 2F [RIBN2F], ULSON 2F [ULSO2F]
RWY 30 ARRIVALSALT/HEIGHT CONVERSION
QNH (QFE)
2050' (1998' - 600m)PIRIM
N44 48.1 E051 17.7Between
FL210 & FL40AGILA
N44 49.0 E051 54.4Between
FL210 & FL40RIBNA
N44 22.6 E052 09.1Between
FL210 & FL40GIGRI
N44 12.8 E052 12.9Between
FL210 & FL40ULSON
N43 52.7 E052 20.7Between
FL210 & FL40NEPIL
N43 41.6 E052 24.9Between
FL210 & FL40(IAF)
AKTAU
326 T
N43 50.9 E051 07.1
At FL40

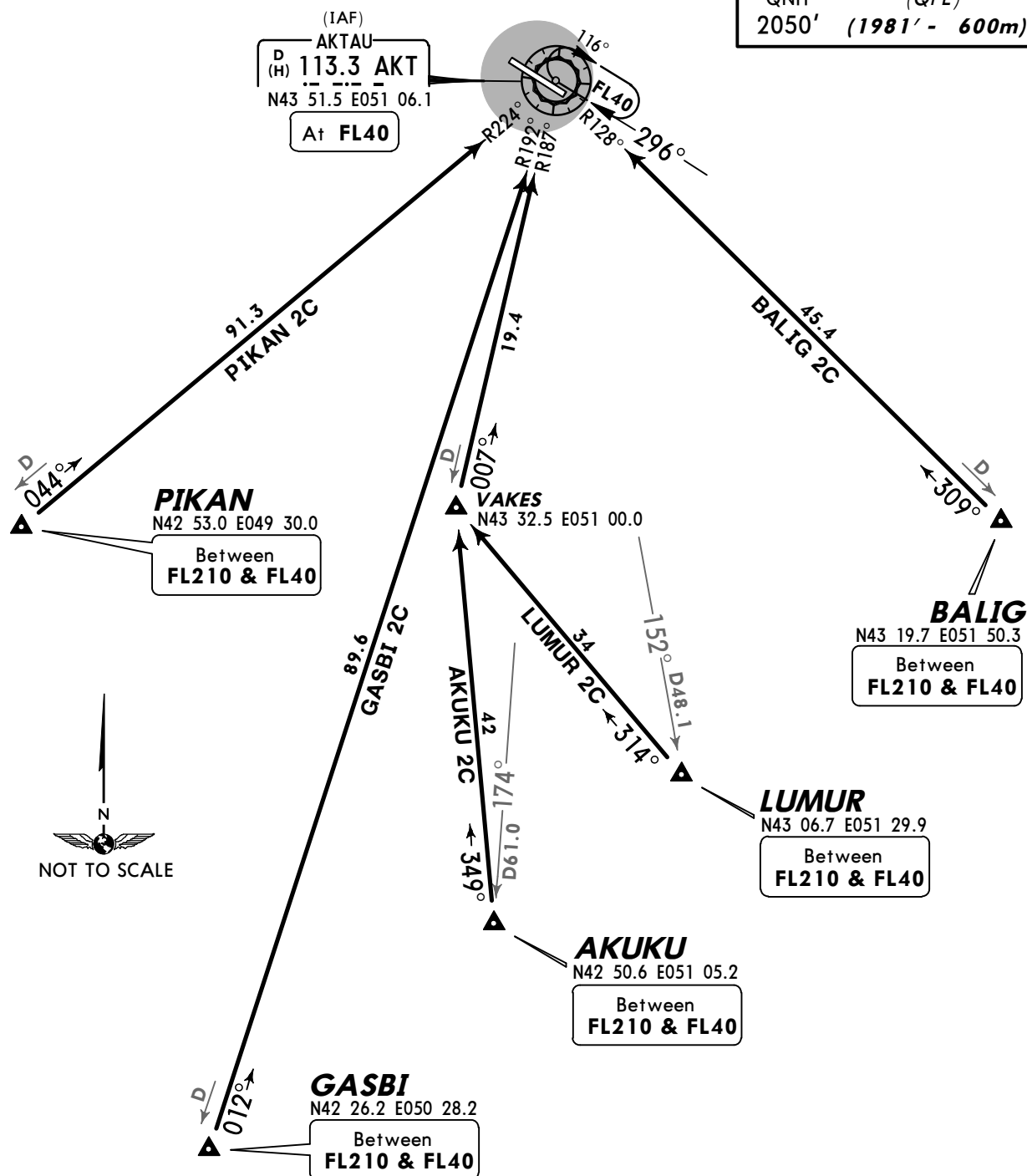
STAR	ROUTING
AGILA 3F	On 204° bearing to T.
GIGRI 2F	On 240° bearing to T.
NEPIL 2F	On 274° bearing to T.
PIRIM 2F	On 182° bearing to T.
RIBNA 2F	On 229° bearing to T.
ULSON 2F	On 262° bearing to T.

ATIS
130.1 (Russian 126.2)Apt Elev
72'Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2050' (1981')
Crossings at airway exit points by ATC.

(QFE)

AKUKU 2C [AKUK2C], BALIG 2C [BALI2C]
GASBI 2C [GASB2C], LUMUR 2C [LUMU2C]
PIKAN 2C [PIKA2C]
RWY 12 ARRIVALS

2000'

MSA
AKT VORALT/HEIGHT CONVERSION
QNH (QFE)
2050' (1981' - 600m)

STAR

ROUTING

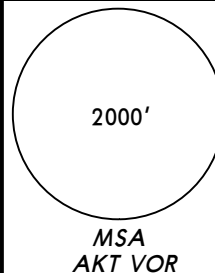
AKUKU 2C	349° track to VAKES, intercept AKT R-187 inbound to AKT.
BALIG 2C	Intercept AKT R-128 inbound to AKT.
GASBI 2C	Intercept AKT R-192 inbound to AKT.
LUMUR 2C	314° track to VAKES, intercept AKT R-187 inbound to AKT.
PIKAN 2C	Intercept AKT R-224 inbound to AKT.

ATIS
130.1 (Russian 126.2)

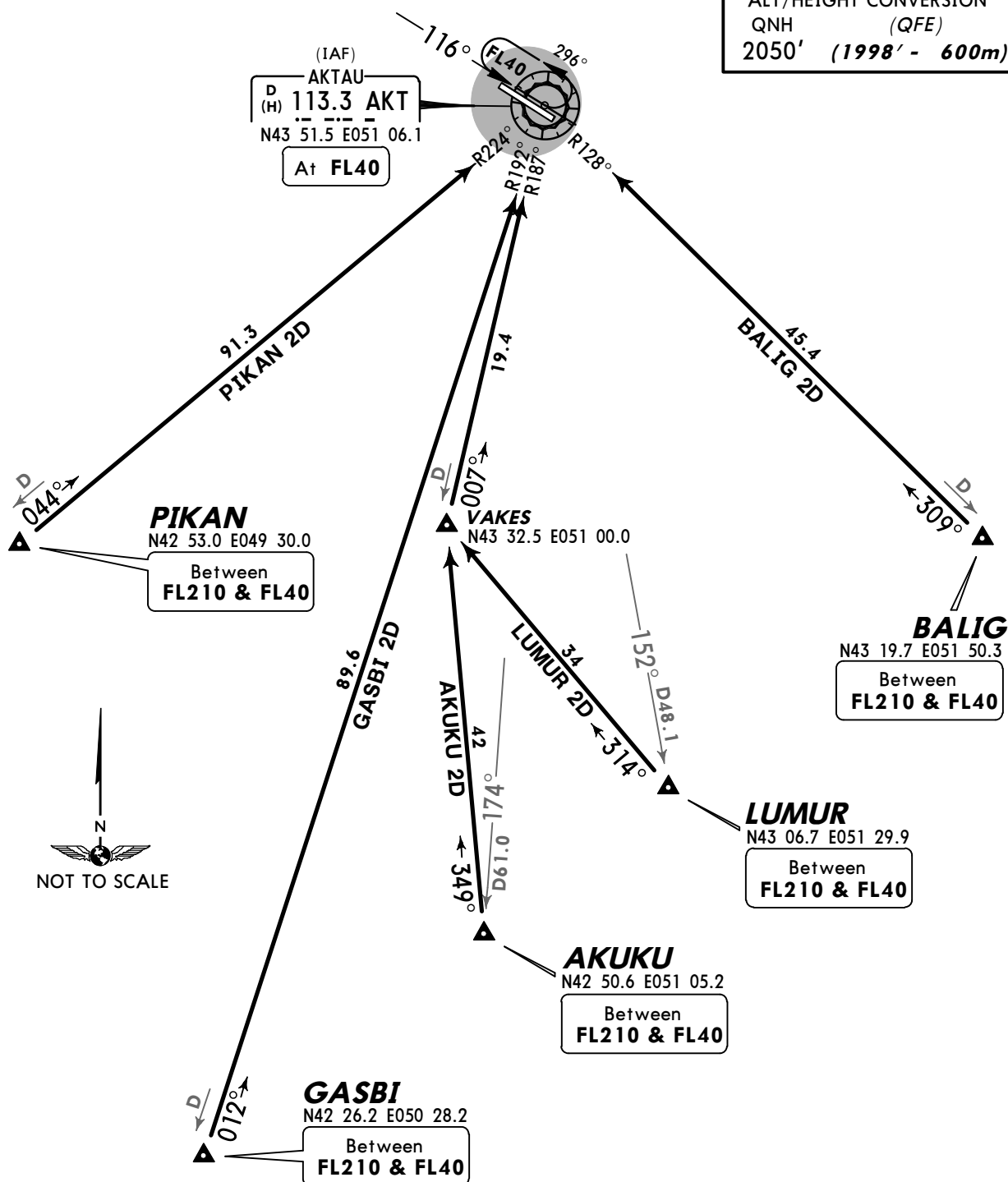
Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2050' (1998')
Crossings at airway exit points by ATC.

AKUKU 2D [AKUK2D], BALIG 2D [BALI2D]
GASBI 2D [GASB2D], LUMUR 2D [LUMU2D]
PIKAN 2D [PIKA2D]
RWY 30 ARRIVALS



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.

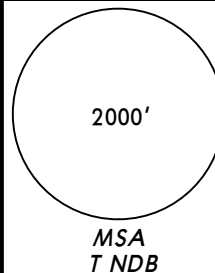
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ATIS
130.1 (Russian 126.2)

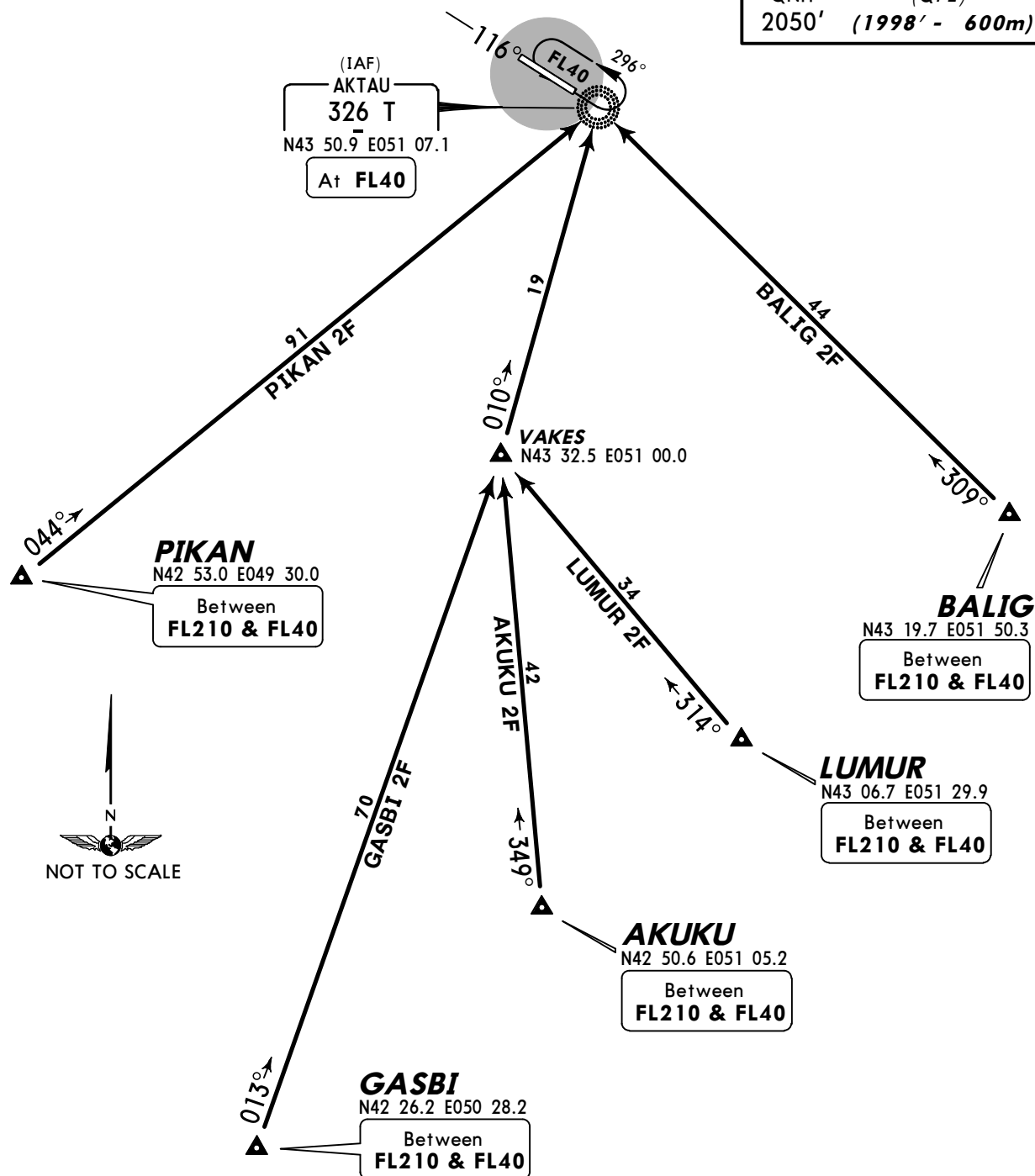
Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 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



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



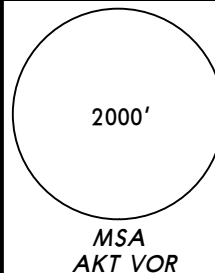
STAR	ROUTING
AKUKU 2F	349° track to VAKES, intercept 010° bearing to T.
BALIG 2F	On 309° bearing to T.
GASBI 2F	013° track to VAKES, intercept 010° bearing to T.
LUMUR 2F	314° track to VAKES, intercept 010° bearing to T.
PIKAN 2F	On 044° bearing to T.

ATIS
130.1 (Russian 126.2)

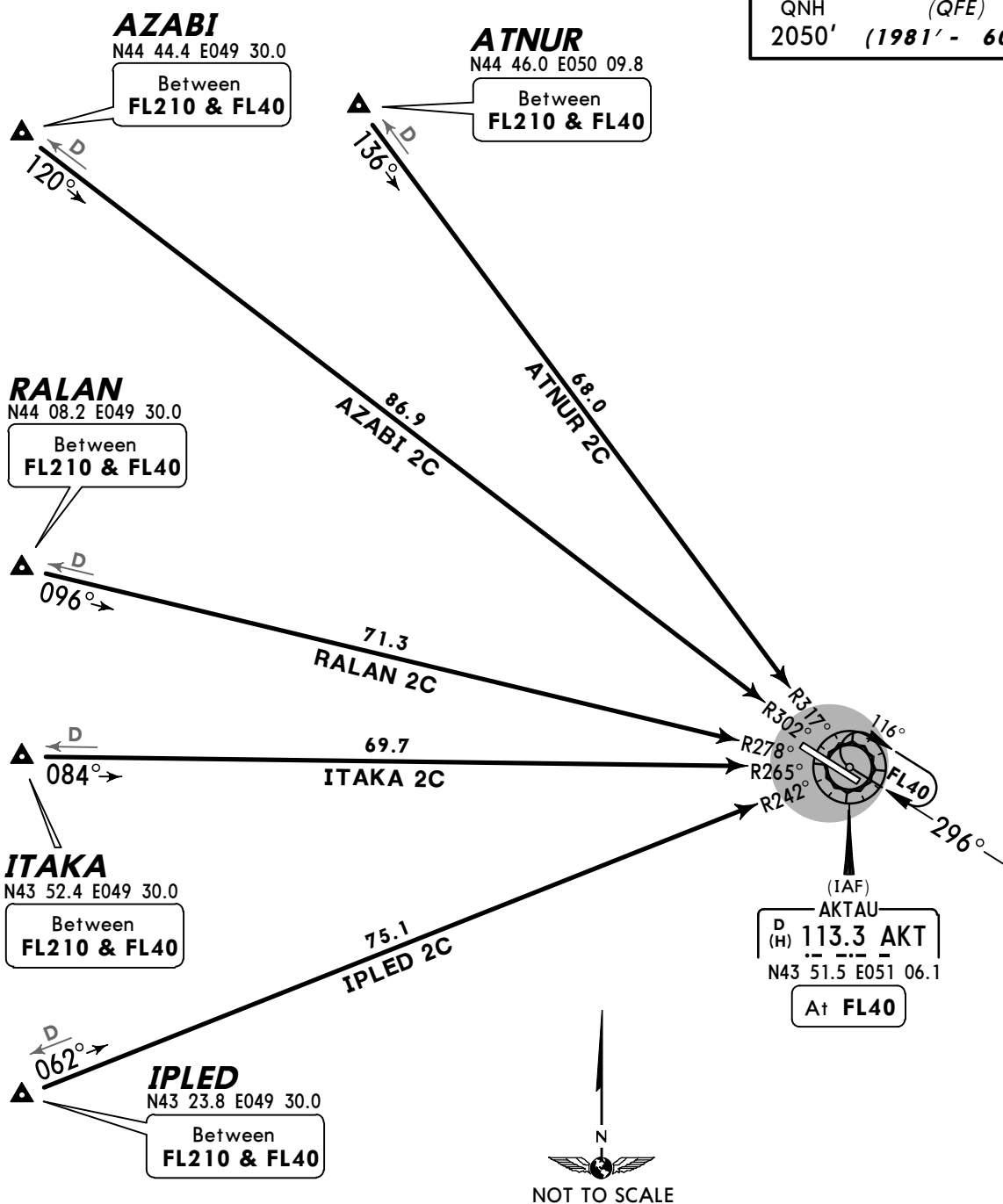
Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 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



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.

ATIS
130.1 (Russian 126.2)Apt Elev
72'Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2050' (1998')
Crossings at airway exit points by ATC.

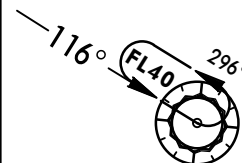
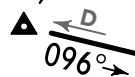
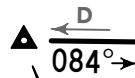
(QFE)

ATNUR 2D [ATNU2D], AZABI 2D [AZAB2D]
IPLED 2D [IPLE2D], ITAKA 2D [ITAK2D]
RALAN 2D [RALA2D]
RWY 30 ARRIVALS

2000'

MSA
AKT VOR

ALT/HEIGHT CONVERSION

QNH (QFE)
2050' (1998' - 600m)HOLDING
OVER AKT**AZABI**
N44 44.4 E049 30.0
Between
FL210 & FL40**ATNUR**
N44 46.0 E050 09.8
Between
FL210 & FL40**RALAN**
N44 08.2 E049 30.0
Between
FL210 & FL40**ITAKA**
N43 52.4 E049 30.0
Between
FL210 & FL40**IPLED**
N43 23.8 E049 30.0
Between
FL210 & FL4086.9
AZABI 2D68.0
ATNUR 2D71.3
RALAN 2D69.7
ITAKA 2D75.1
IPLED 2D

(IAF)

AKTAU
D (H) 113.3 AKT
N43 51.5 E051 06.1
At FL40

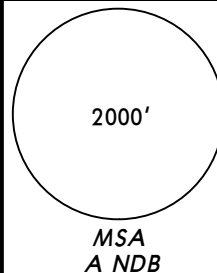
STAR	ROUTING
ATNUR 2D	Intercept AKT R-317 inbound to AKT.
AZABI 2D	Intercept AKT R-302 inbound to AKT.
IPLED 2D	Intercept AKT R-242 inbound to AKT.
ITAKA 2D	Intercept AKT R-265 inbound to AKT.
RALAN 2D	Intercept AKT R-278 inbound to AKT.

ATIS
130.1 (Russian 126.2)

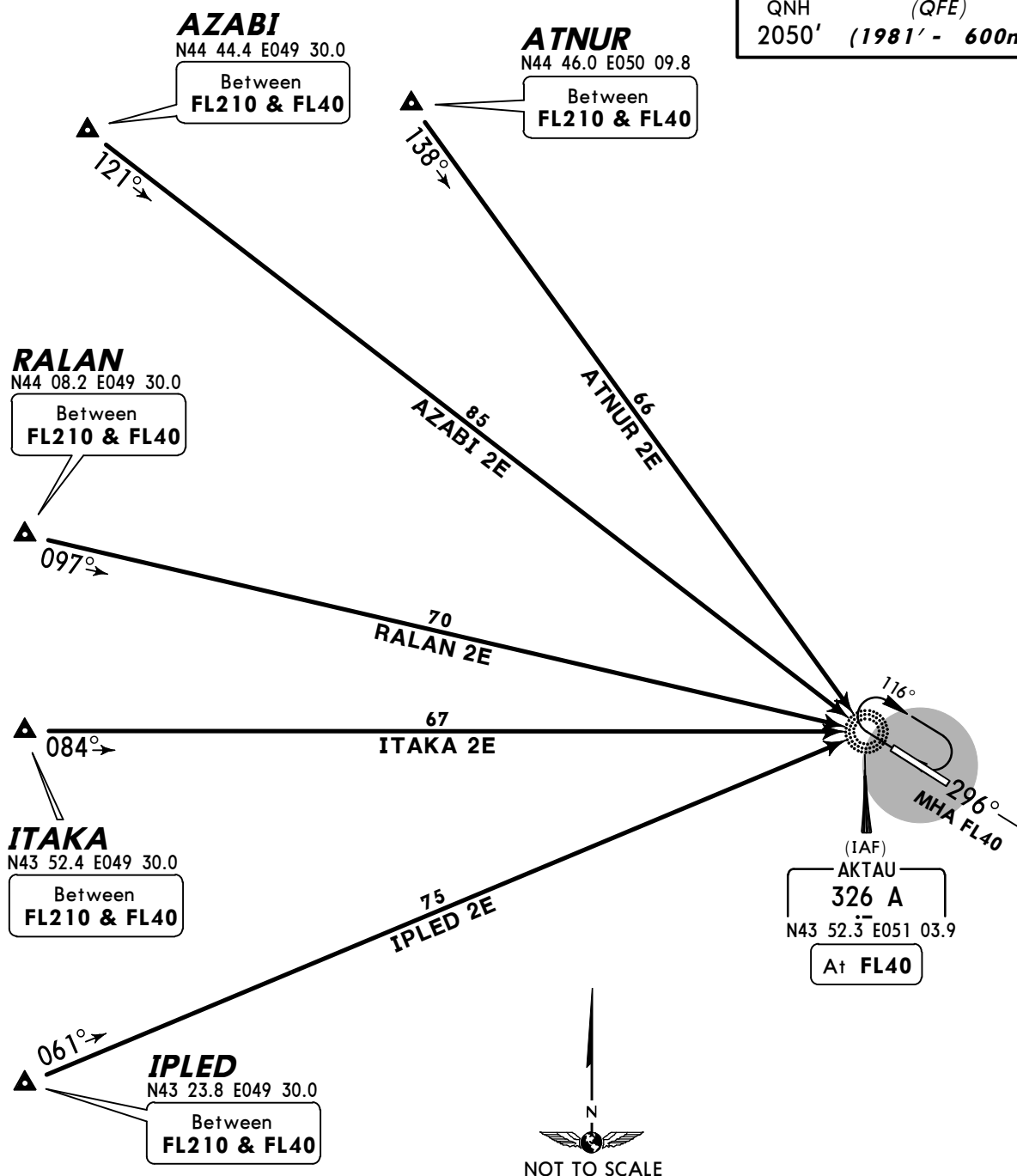
Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2050' (1981')
Crossings at airway exit points by ATC.

ATNUR 2E [ATNU2E], AZABI 2E [AZAB2E]
IPLED 2E [IPLE2E], ITAKA 2E [ITAK2E]
RALAN 2E [RALA2E]
RWY 12 ARRIVALS



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



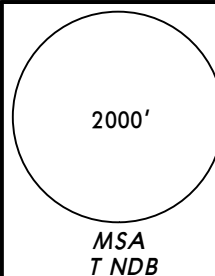
STAR	ROUTING
ATNUR 2E	On 138° bearing to A.
AZABI 2E	On 121° bearing to A.
IPLED 2E	On 061° bearing to A.
ITAKA 2E	On 084° bearing to A.
RALAN 2E	On 097° bearing to A.

ATIS
130.1 (Russian 126.2)

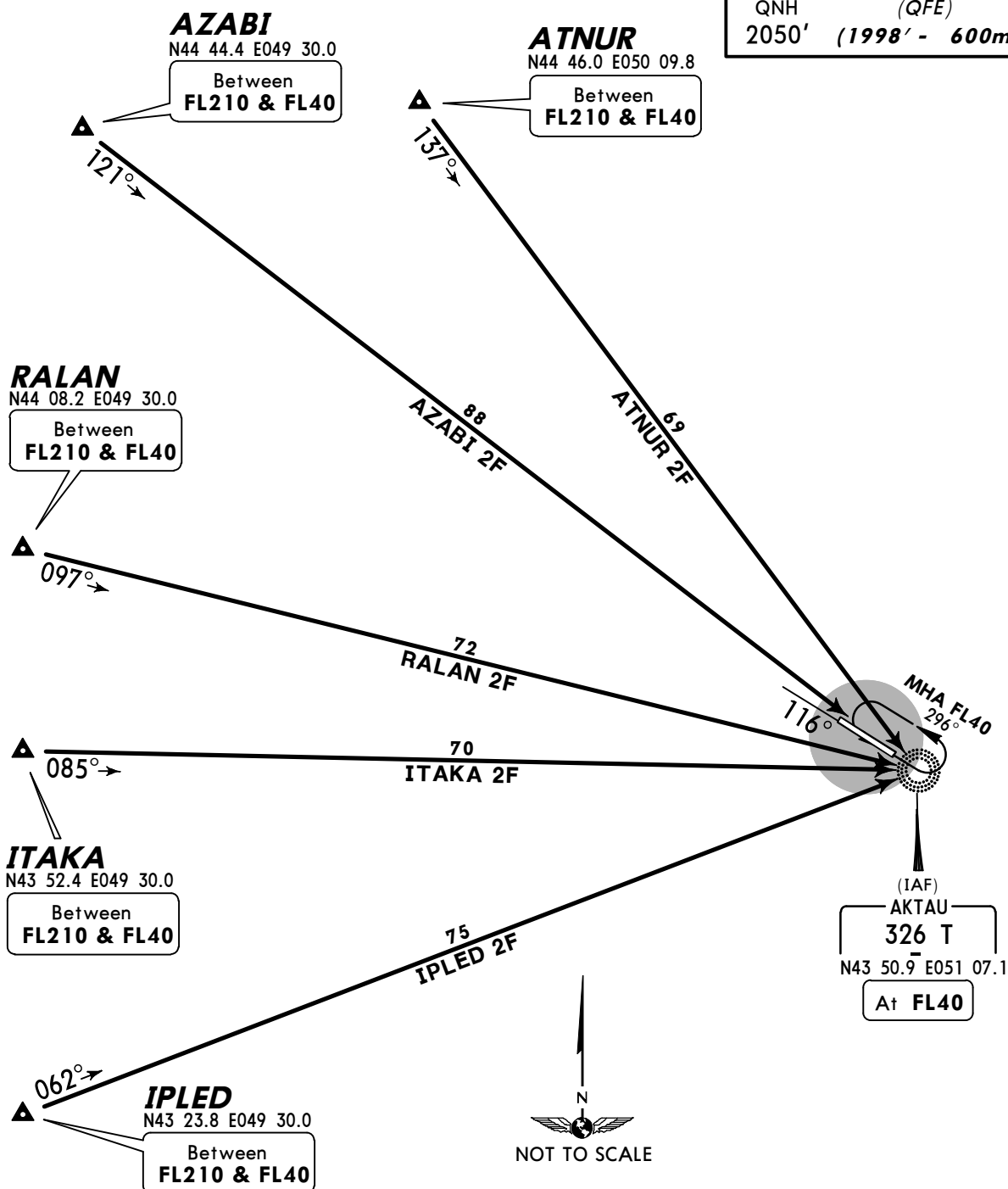
Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2050' (1998')
Crossings at airway exit points by ATC.

ATNUR 2F [ATNU2F], AZABI 2F [AZAB2F]
IPLED 2F [IPLE2F], ITAKA 2F [ITAK2F]
RALAN 2F [RALA2F]
RWY 30 ARRIVALS



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



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

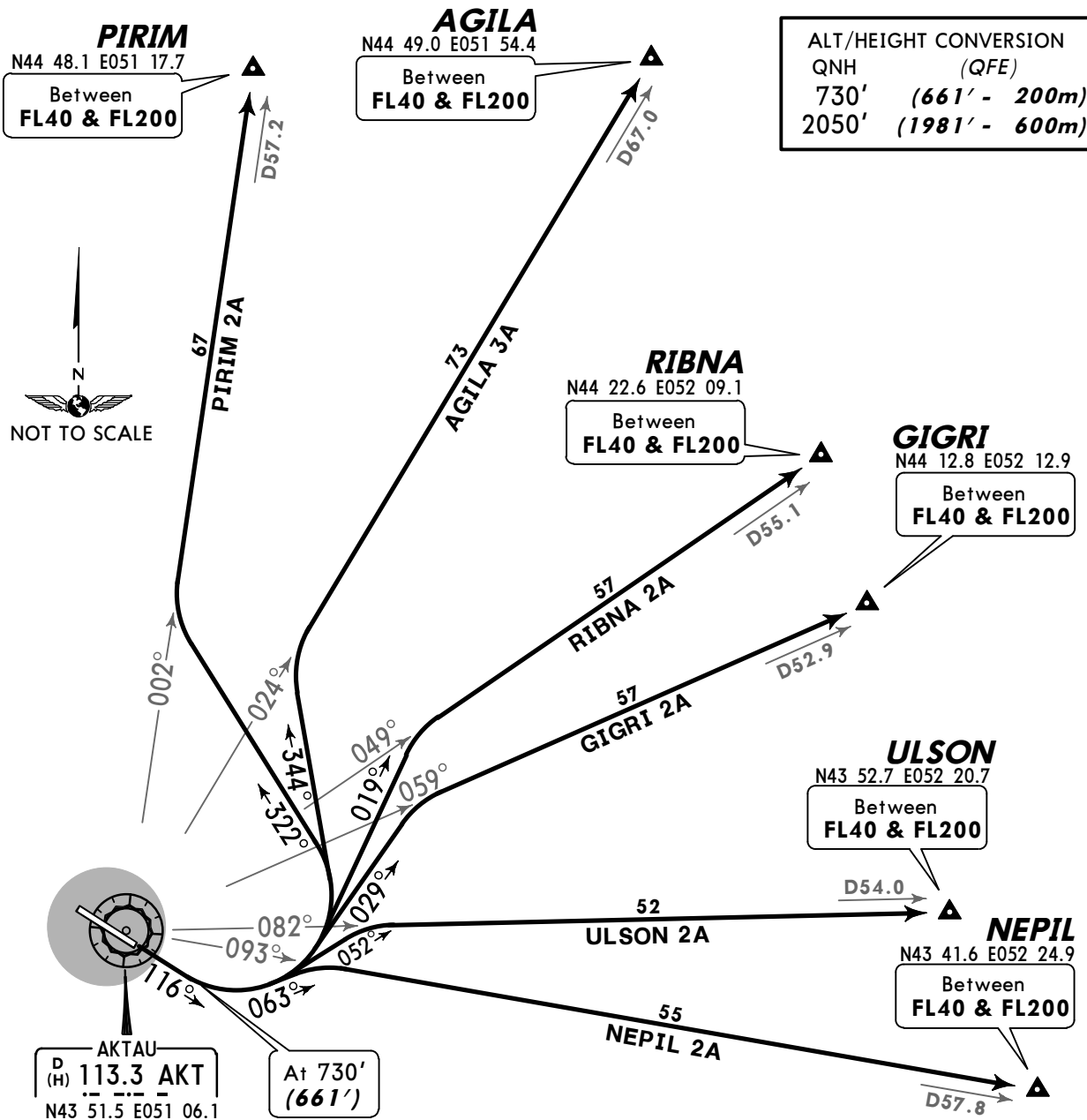
Apt Elev
72'

QNH on request (QFE)
Trans level: FL40 Trans alt: 2050' (1981')
FL by ATC.

2000'

MSA
AKT VOR

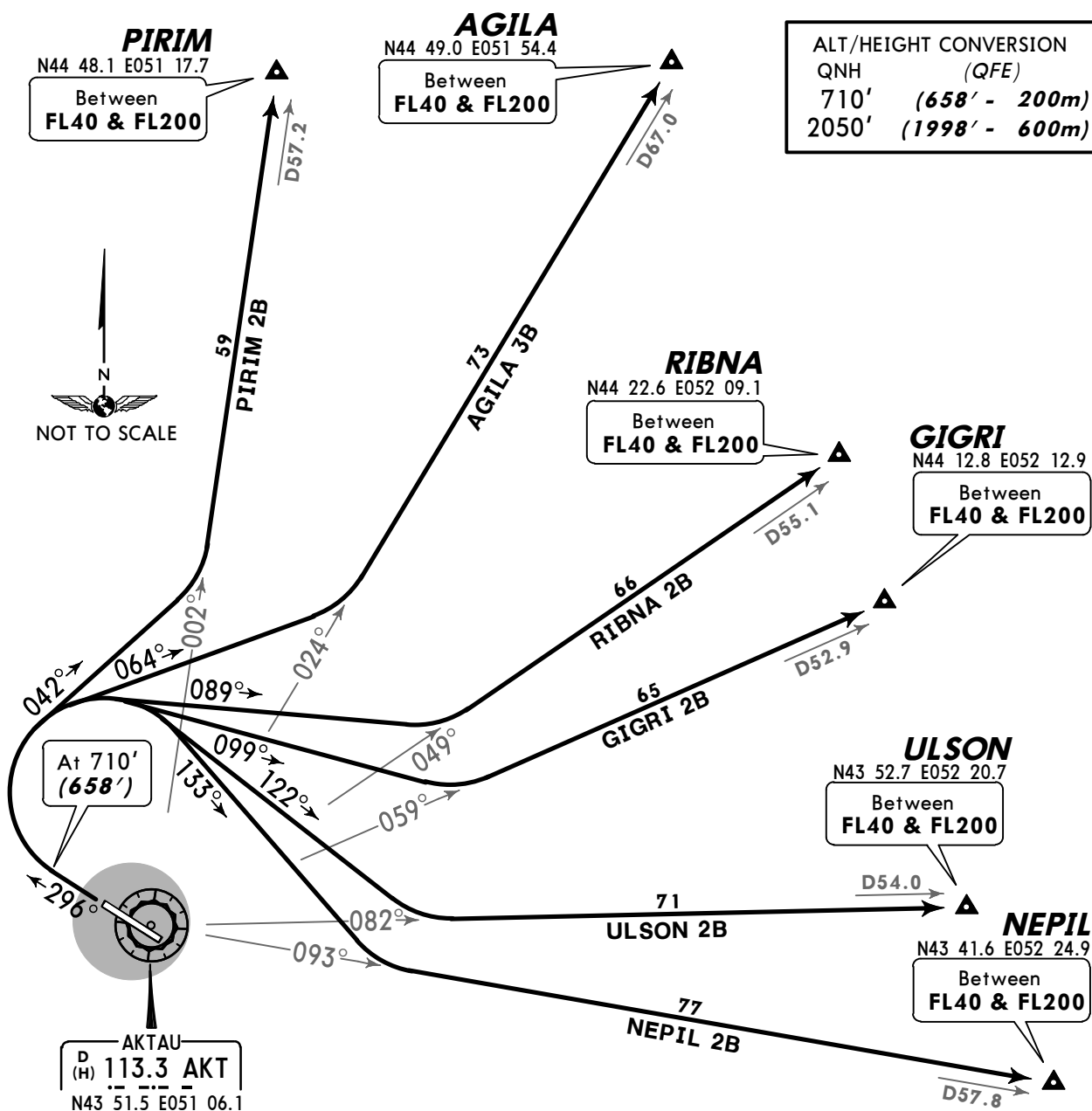
AGILA 3A [AGIL3A], GIGRI 2A [GIGR2A]
NEPIL 2A [NEPI2A], PIRIM 2A [PIRI2A]
RIBNA 2A [RIBN2A], ULSON 2A [ULSO2A]
RWY 12 DEPARTURES



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.

Apt Elev
72'QNH on request (QFE)
Trans level: FL40 Trans alt: 2050' (1998')
FL by ATC.

2000'

MSA
AKT VORAGILA 3B [AGIL3B], GIGRI 2B [GIGR2B]
NEPIL 2B [NEPI2B], PIRIM 2B [PIRI2B]
RIBNA 2B [RIBN2B], ULSON 2B [ULSO2B]
RWY 30 DEPARTURES

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.

Apt Elev
72'

QNH on request (QFE)

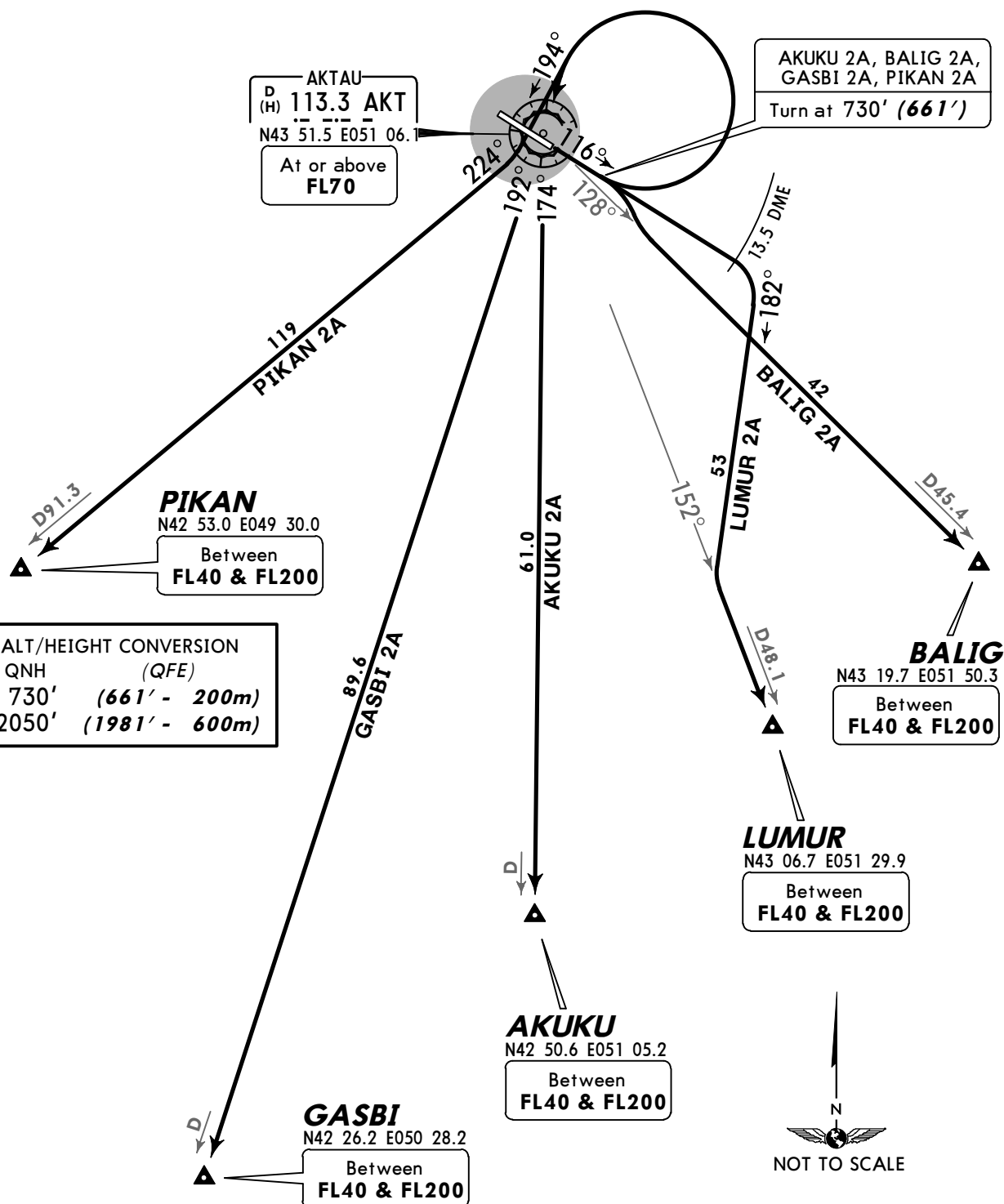
Trans level: FL40 Trans alt: 2050' (1981')

FL by ATC.

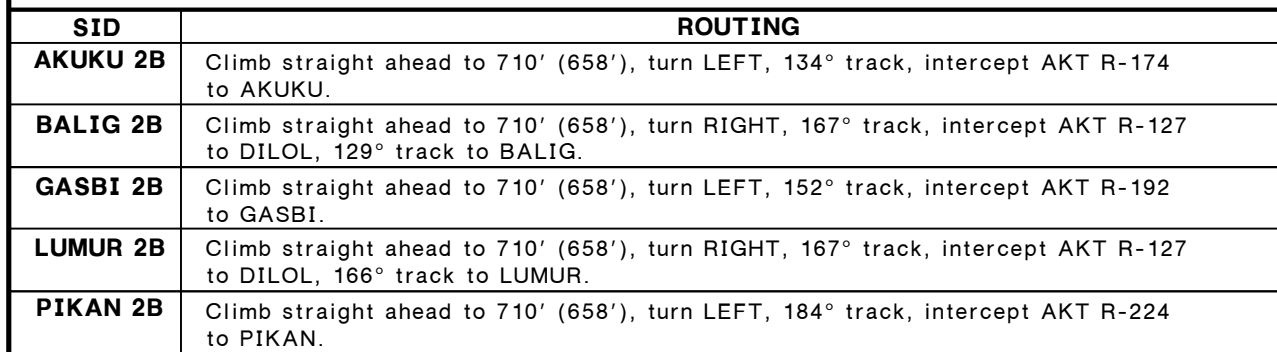
2000'

MSA
AKT VOR

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



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.



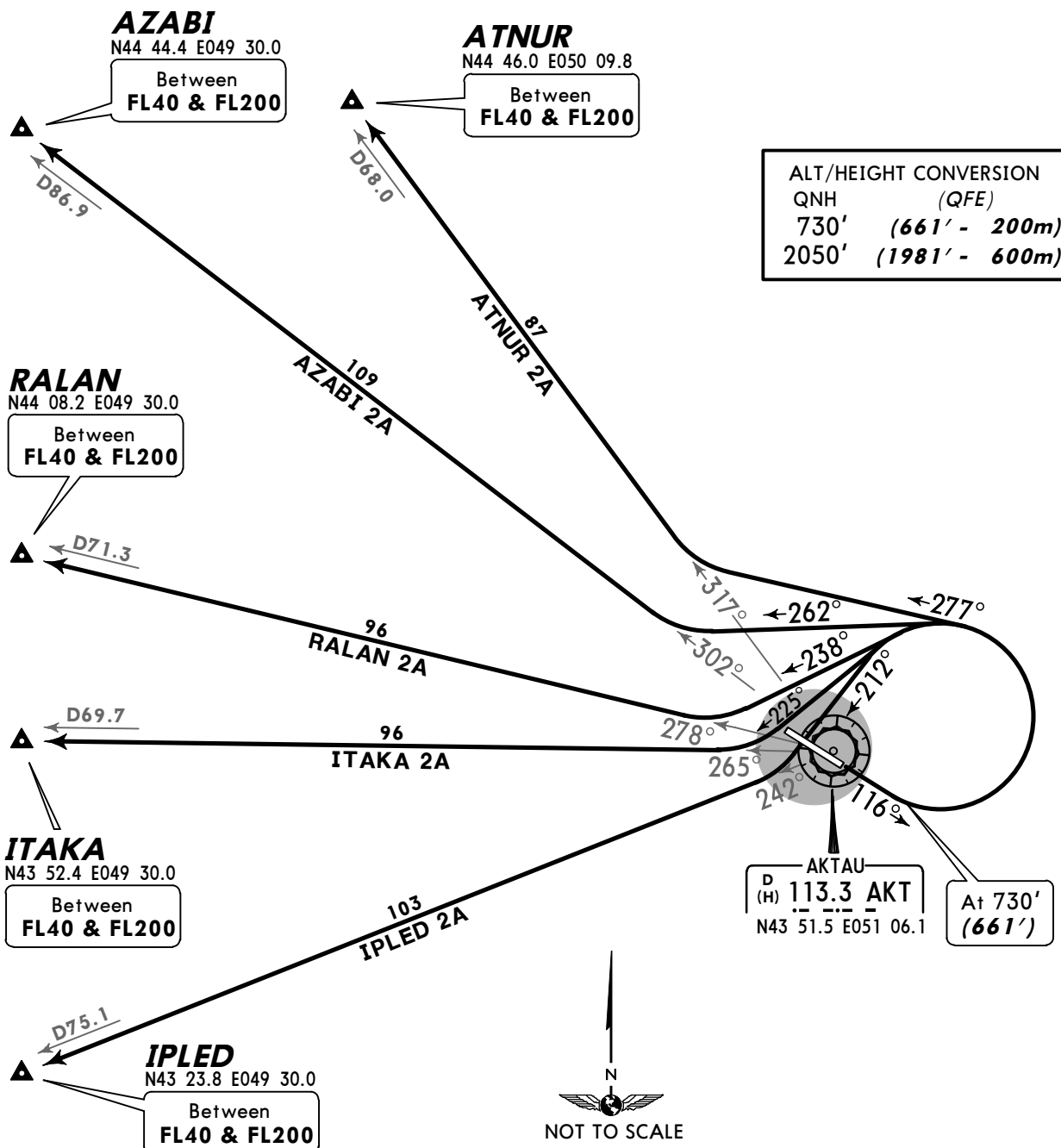
Apt Elev
72'

QNH on request (QFE)

Trans level: FL40 Trans alt: 2050' (1981')

FL by ATC.

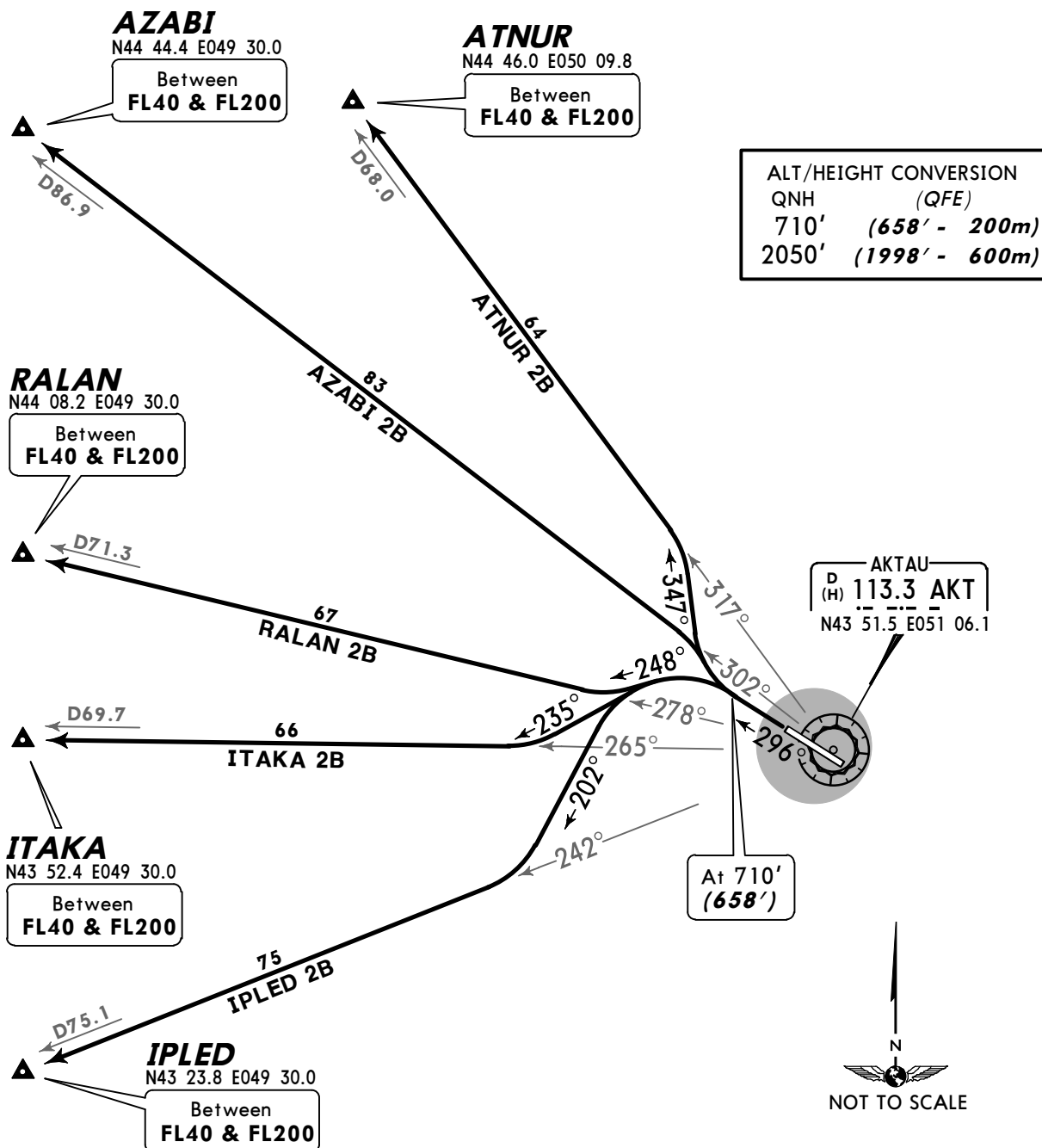
2000'

MSA
AKT VORATNUR 2A [ATNU2A], AZABI 2A [AZAB2A]
IPLED 2A [IPLE2A], ITAKA 2A [ITAK2A]
RALAN 2A [RALA2A]
RWY 12 DEPARTURES

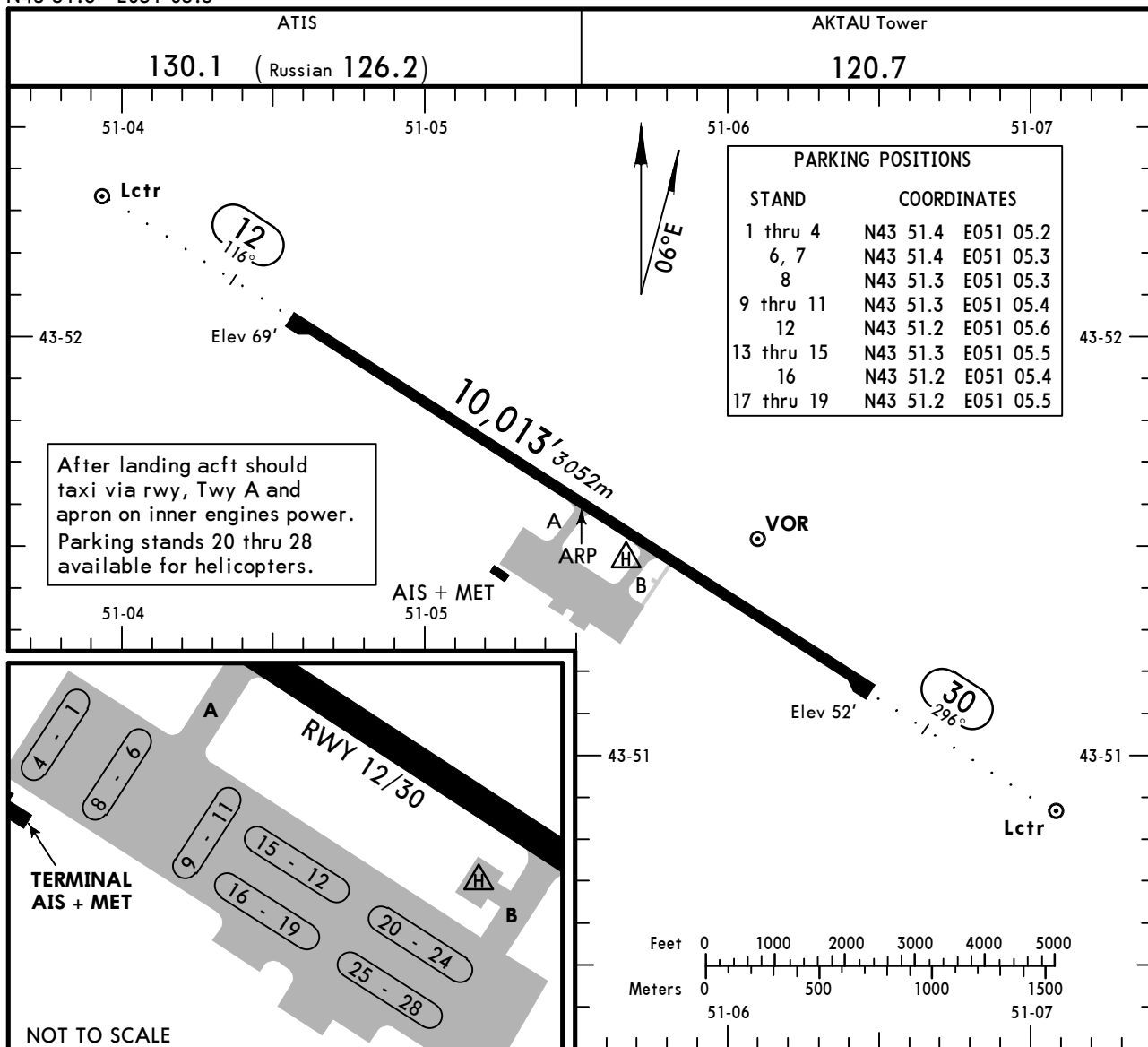
SID	ROUTING
ATNUR 2A	Climb straight ahead to 730' (661'), turn LEFT, 277° track, intercept AKT R-317 to ATNUR.
AZABI 2A	Climb straight ahead to 730' (661'), turn LEFT, 262° track, intercept AKT R-302 to AZABI.
IPLED 2A	Climb straight ahead to 730' (661'), turn LEFT, 212° track, intercept AKT R-242 to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

Apt Elev
72'QNH on request (QFE)
Trans level: FL40 Trans alt: 2050' (1998')
FL by ATC.

2000'

MSA
AKT VORATNUR 2B [ATNU2B], AZABI 2B [AZAB2B]
IPLED 2B [IPLE2B], ITAKA 2B [ITAK2B]
RALAN 2B [RALA2B]
RWY 30 DEPARTURES

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.
IPLED 2B	Climb straight ahead to 710' (658'), turn LEFT, 202° track, intercept AKT R-242 to IPLED.
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.



ADDITIONAL RUNWAY INFORMATION

RWY					USABLE LENGTHS		WIDTH
	LANDING BEYOND				Threshold	Glide Slope	
12 30	HIRL (60m)	HIALS	PAPI-L	RVR		9041' 2756m	148' 45m

TAKE-OFF

AIR CARRIER (JAA) All Rwy's			
DAY		NIGHT	
RL		RL	
A	400m I	400m I	
B		400m I	
C	500m	400m	
D		400m	

I LVP must be in force: 300m.

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>	1200m	1200m	1200m	1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ❶	430' (361')	430' (361')	430' (361')	430' (361')
		1500m	1500m	1800m	2000m
	2 NDB ❶	420' (351')	420' (351')	420' (351')	420' (351')
30		1500m	1500m	1800m	2000m
	NDB ❶ ❷	430' (361')	430' (361')	430' (361')	430' (361')
		1500m	1500m	1800m	2000m
	NDB ❸	430' (361')	430' (361')	430' (361')	430' (361')
		1500m	1500m	1800m	2000m
	<i>ALS out</i>	1900m	1900m	2100m	2100m
30	ILS	265' (213')	265' (213')	282' (230')	282' (230')
		800m	800m	900m	900m
	<i>ALS out</i>	1200m	1200m	1200m	1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ❶	420' (368')	420' (368')	420' (368')	420' (368')
		1500m	1500m	1800m	2000m
	2 NDB ❶	410' (358')	410' (358')	410' (358')	410' (358')
		1500m	1500m	1800m	2000m
	NDB ❶ ❷	420' (368')	420' (368')	420' (368')	420' (368')
		1500m	1500m	1800m	2000m
	NDB ❸	420' (368')	420' (368')	420' (368')	420' (368')
		1500m	1500m	1800m	2000m
	<i>ALS out</i>	1900m	1900m	2100m	2100m

❶ Continuous Descent Final Approach.

❷ With FMS

❸ W/o FMS

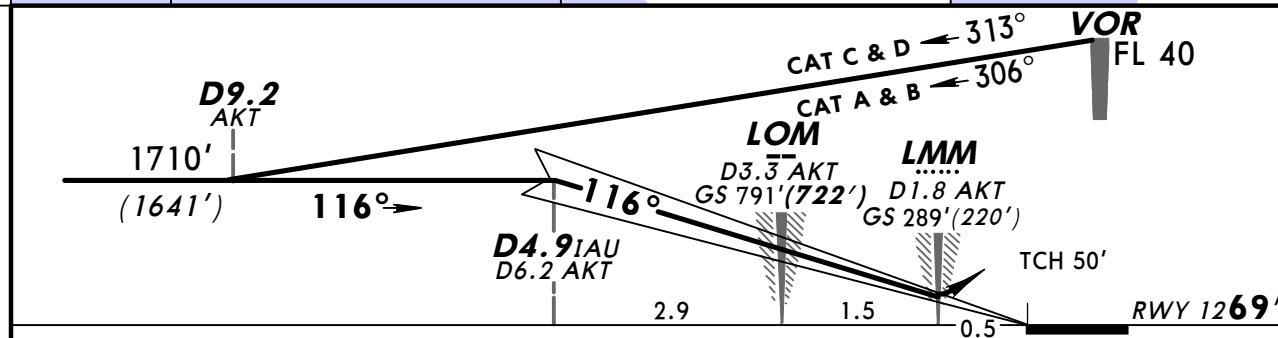
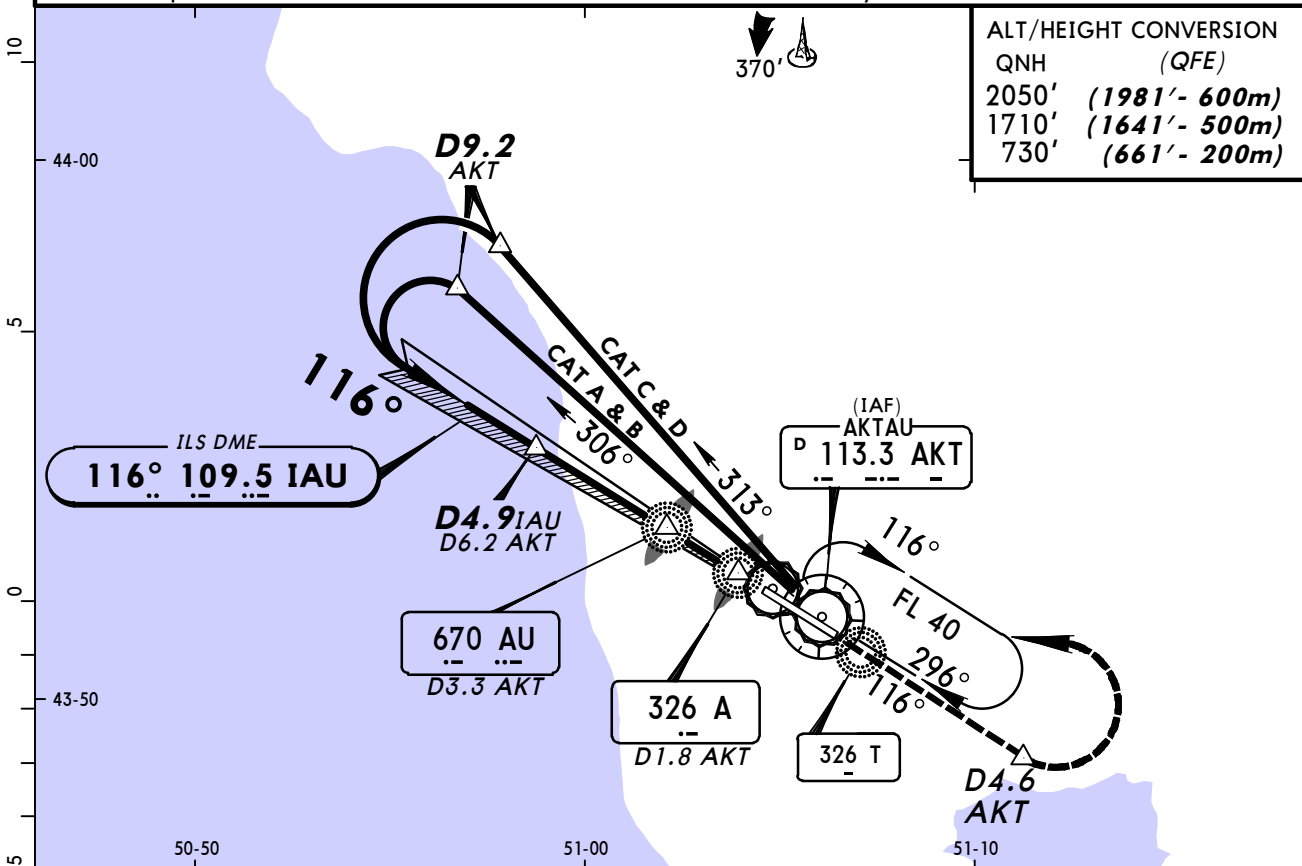
TAKE-OFF RWY 12, 30

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

❹ LVP must be in force: 300m.

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 791'(722')	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 40 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 40 Trans alt: 2050'(1981')					
1. Initial apch restricted to MAX 195 KT. 2. ILS DME reads zero at rwy 12 threshold.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS		730' (661') or above on 116°		D4.6 AKT	
GS	3.00°	372	478	531	637	743	849	PAPI				

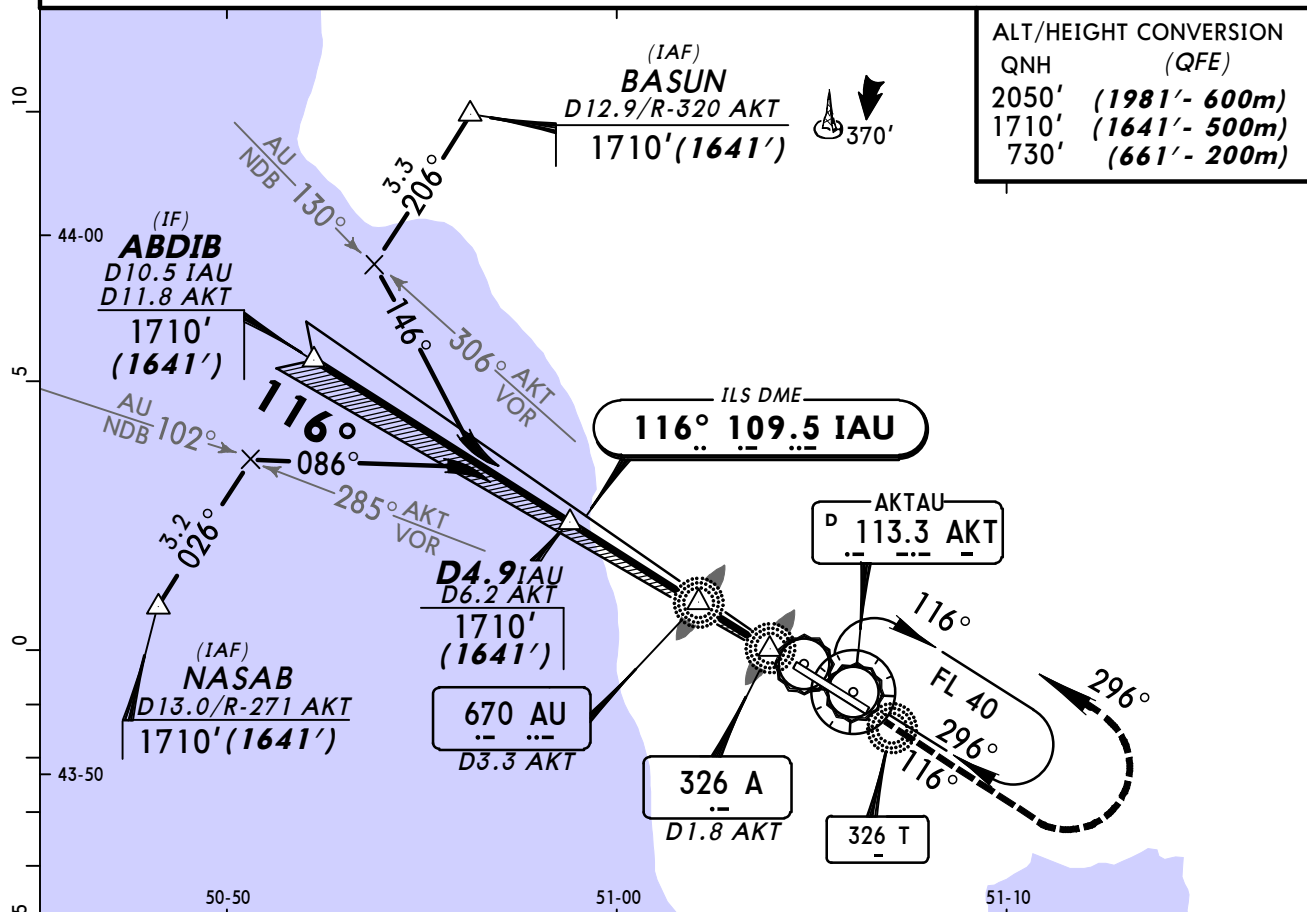
STRAIGHT-IN LANDING RWY 12							
ILS		LOC (GS out)					
DA(H) AB: 269' (200') CD: 299' (230')							
FULL		ALS out					
A	800m		1200m		NOT AUTHORIZED		
B							
C							
D	900m						

BRIEFING STRIP™

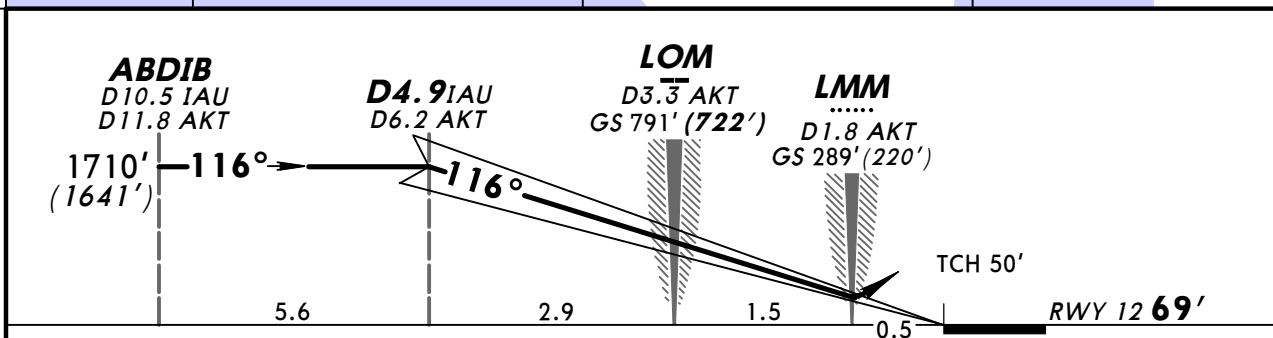
ATIS		AKTAU Approach		AKTAU Tower		2000' MSA AKT VOR
130.1 (Russian 126.2)		134.3		120.7		
LOC IAU 109.5	Final Apch Crs 116°	GS LOM 791'(722')	ILS DA(H) Refer to Minimums	Apt Elev 72' RWY 69'		
MISSED APCH: Climb on 116° to 730' (661'), then turn LEFT onto 296° climbing to 1710' (1641'), then as directed.						

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 Trans alt: 2050'(1981')

1. RADAR required. 2. ILS DME reads zero at rwy 12 threshold.



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

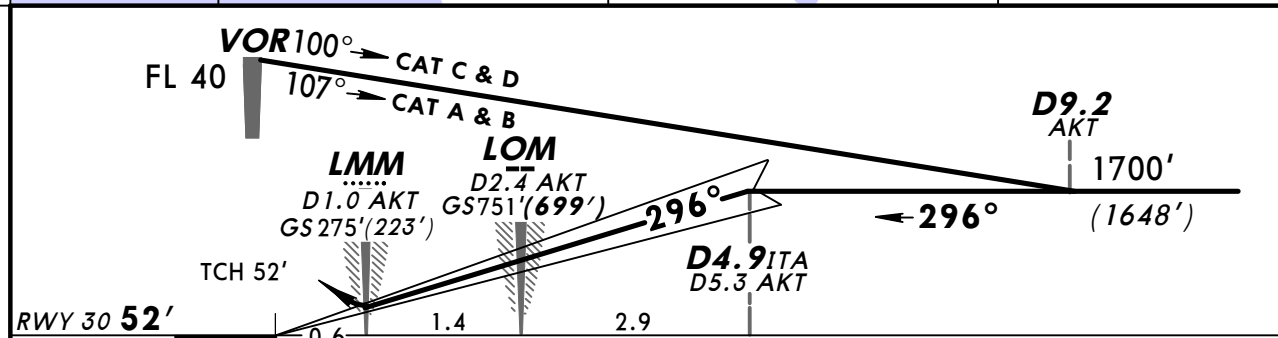
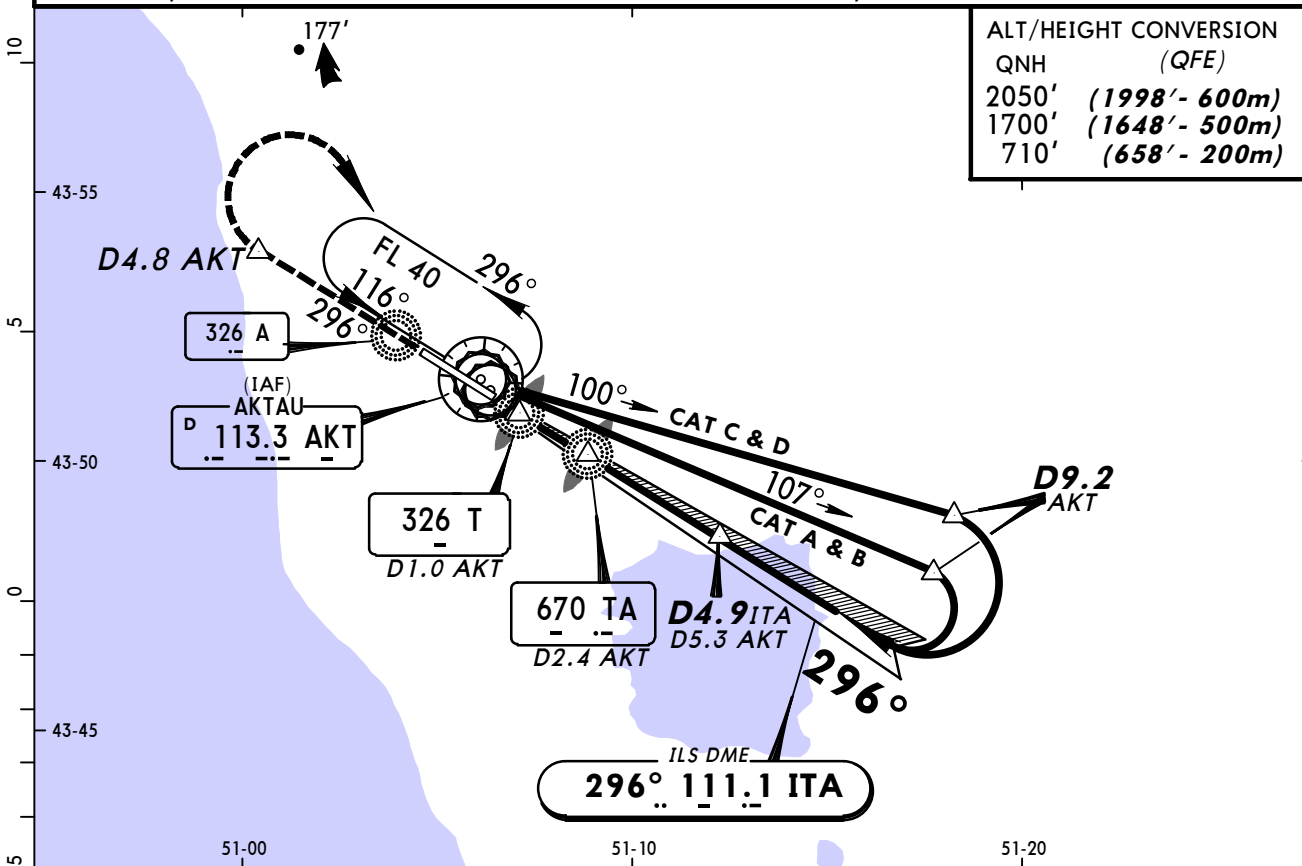


Gnd speed-Kts	70	90	100	120	140	160	730' (661') on 116°
GS	3.00°	372	478	531	637	743	

STRAIGHT-IN LANDING RWY 12					
ILS		LOC (GS out)			
DA(H) AB:269'(200') CD:299'(230')					
FULL		ALS out			
A	800m	1200m	NOT AUTHORIZED		
B					
C	900m				
D					

BRIEFING STRIP™

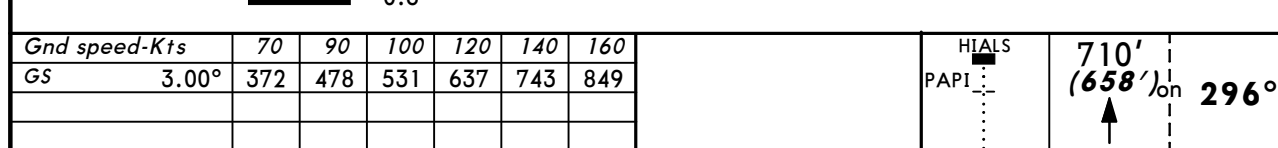
ATIS		AKTAU Approach		AKTAU Tower	
130.1 (Russian 126.2)		134.3		120.7	
LOC ITA 111.1	Final Apch Crs 296°	GS LOM 751'(699')	ILS DA(H) Refer to Minimums	Apt Elev 72' RWY 52'	2000' MSA AKT VOR
MISSED APCH: Climb on 296° to 710' (658') or above outbound to D4.8 AKT, then turn RIGHT to VOR. Climb initially to 1700' (1648'), then as directed.					
MISSED APCH WITH COMM FAILURE: Climb to FL 40 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 40 Trans alt: 2050'(1998')					
1. Initial apch restricted to MAX 195 KT. 2. ILS DME reads zero at rwy 30 threshold.					



Gnd speed-Kts							70	90	100	120	140	160	HIALS		710' (658') or above on 296°		D4.8 AKT		
GS							3.00°	372	478	531	637	743	849	PAPI					

STRAIGHT-IN LANDING RWY 30					
ILS		LOC (GS out)			
DA(H) AB: 265' (213')		CD: 282' (230')			
FULL		ALS out			
A	800m	1200m	NOT AUTHORIZED		
B					
C	900m				
D					

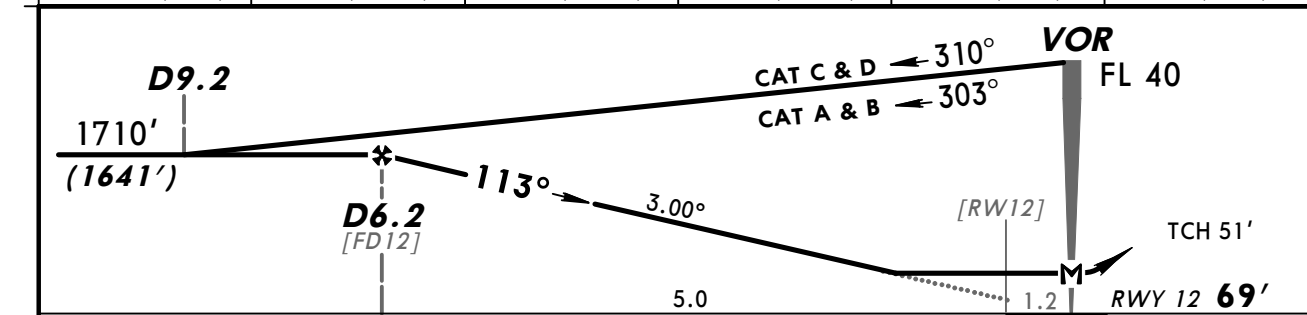
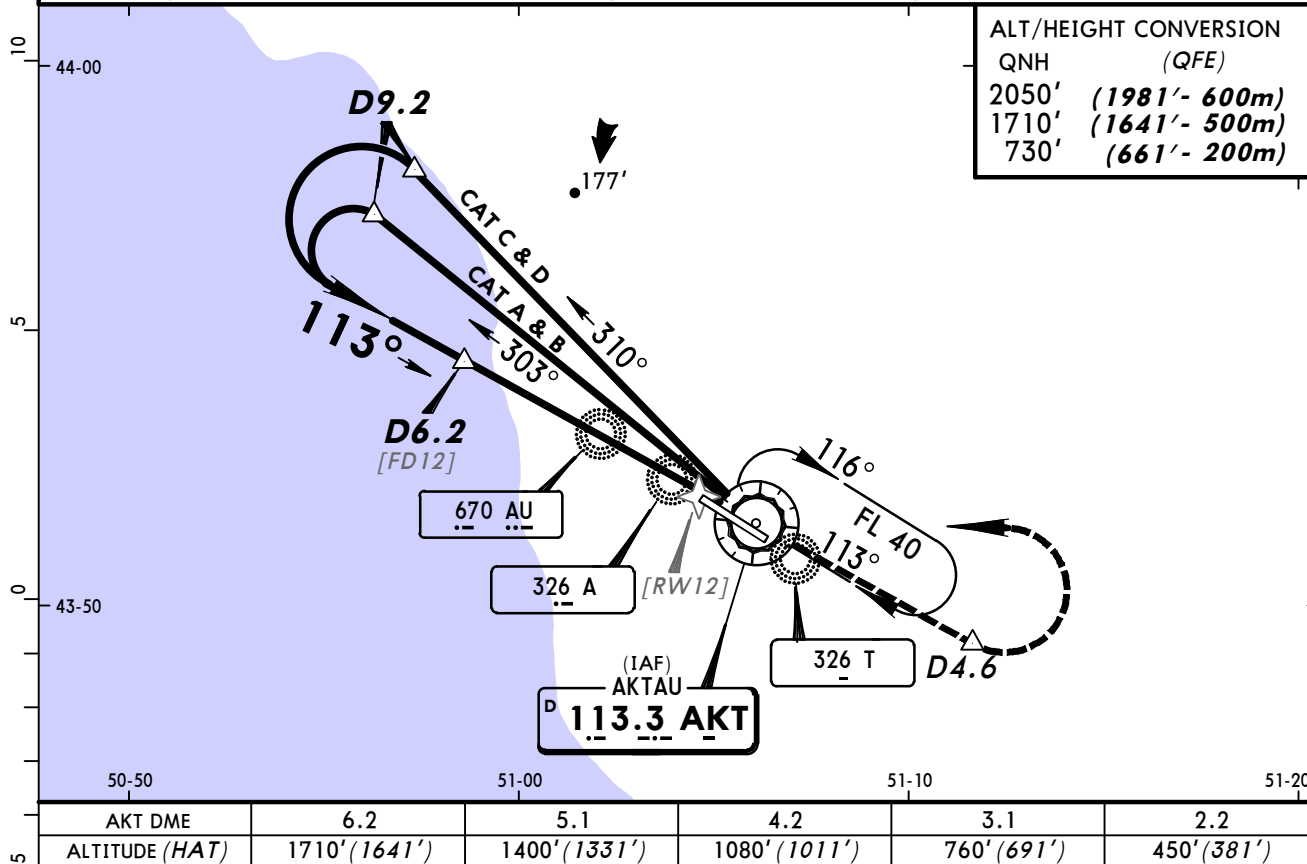
BRIEFING STRIP™



TRANS OPS

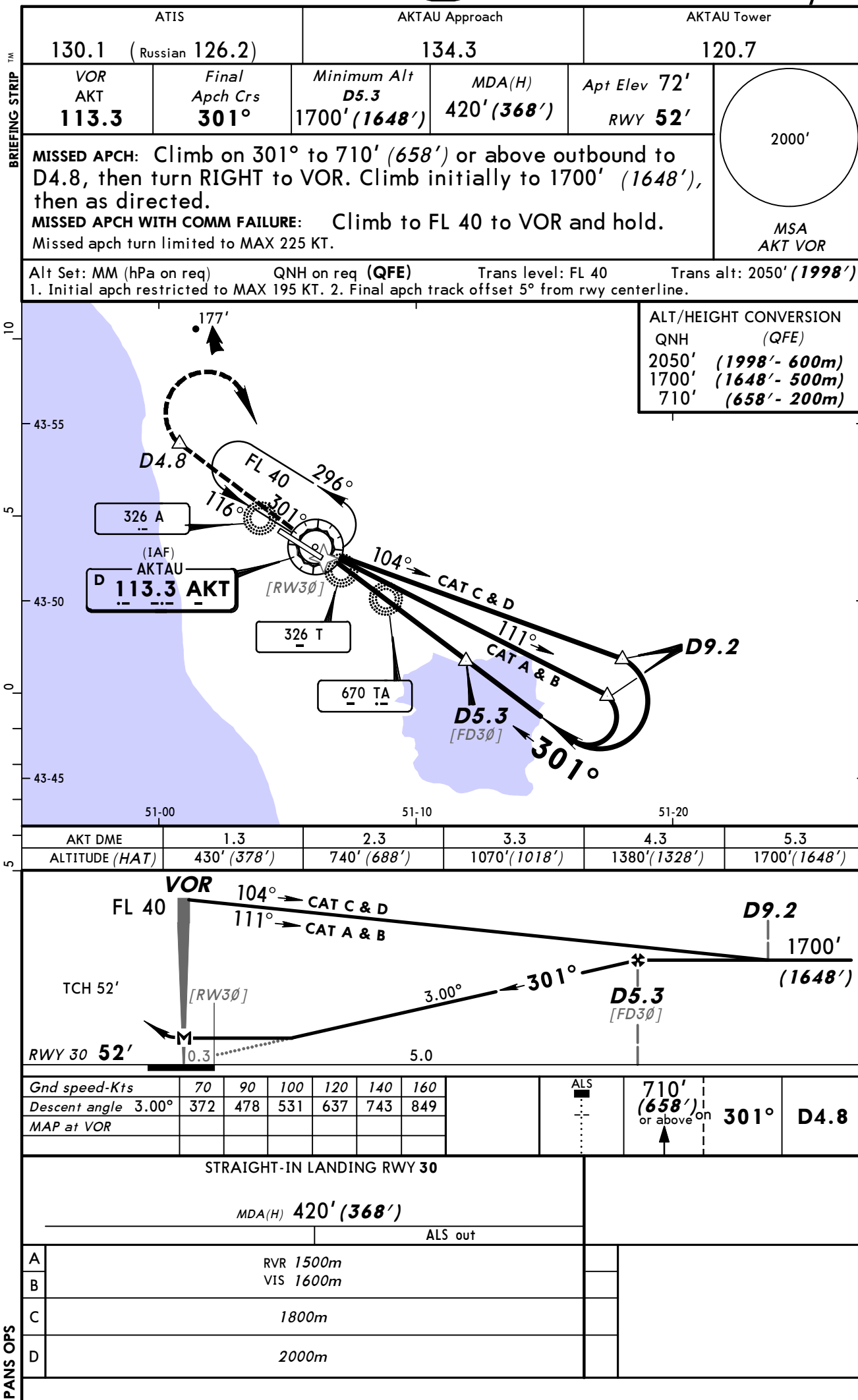
BRIEFING STRIP™

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) 430'(361')	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 40 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 40 Trans alt: 2050' (1981') 1. Initial apch restricted to MAX 195 KT. 2. Final apch track offset 3° from rwy centerline.					

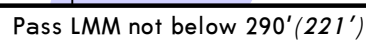


Gnd speed-Kts	70	90	100	120	140	160	ALS 730' (661') or above on 113° D4.6
Descent angle 3.00°	372	478	531	637	743	849	
MAP at VOR							

STRAIGHT-IN LANDING RWY 12						
MDA(H) 430' (361')						
ALS out						
A	RVR 1500m					
B	VIS 1600m					
C	1800m					
D	2000m					



BRIEFING STRIP™

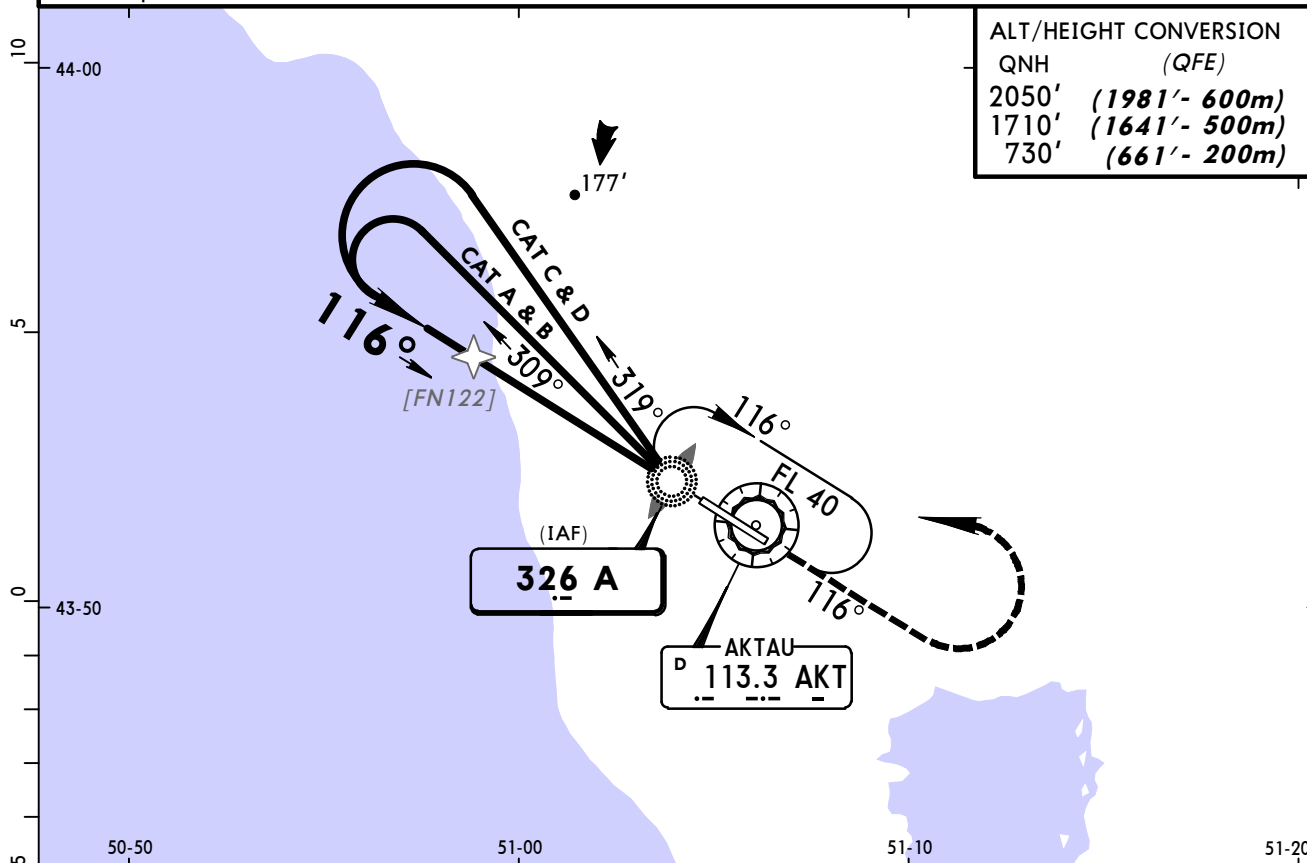


ALS

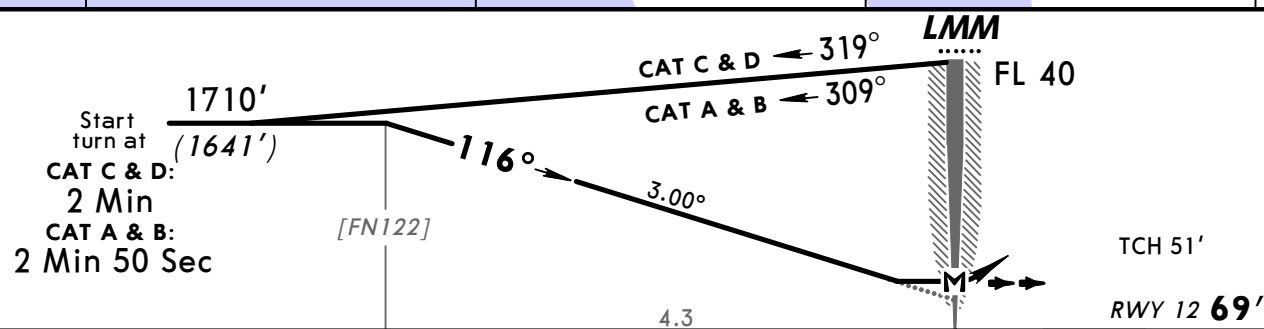
TRANS OPS

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) 430' (361')	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 40 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 40 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)



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

ALS	Refer to Missed Apch above
-----	----------------------------

PANS OPS	STRAIGHT-IN LANDING RWY 12			
	MDA(H) 430' (361')			
	ALS out			
	A	RVR 1500m		
	B	VIS 1600m		
		C	1800m	
		D	2000m	

TM

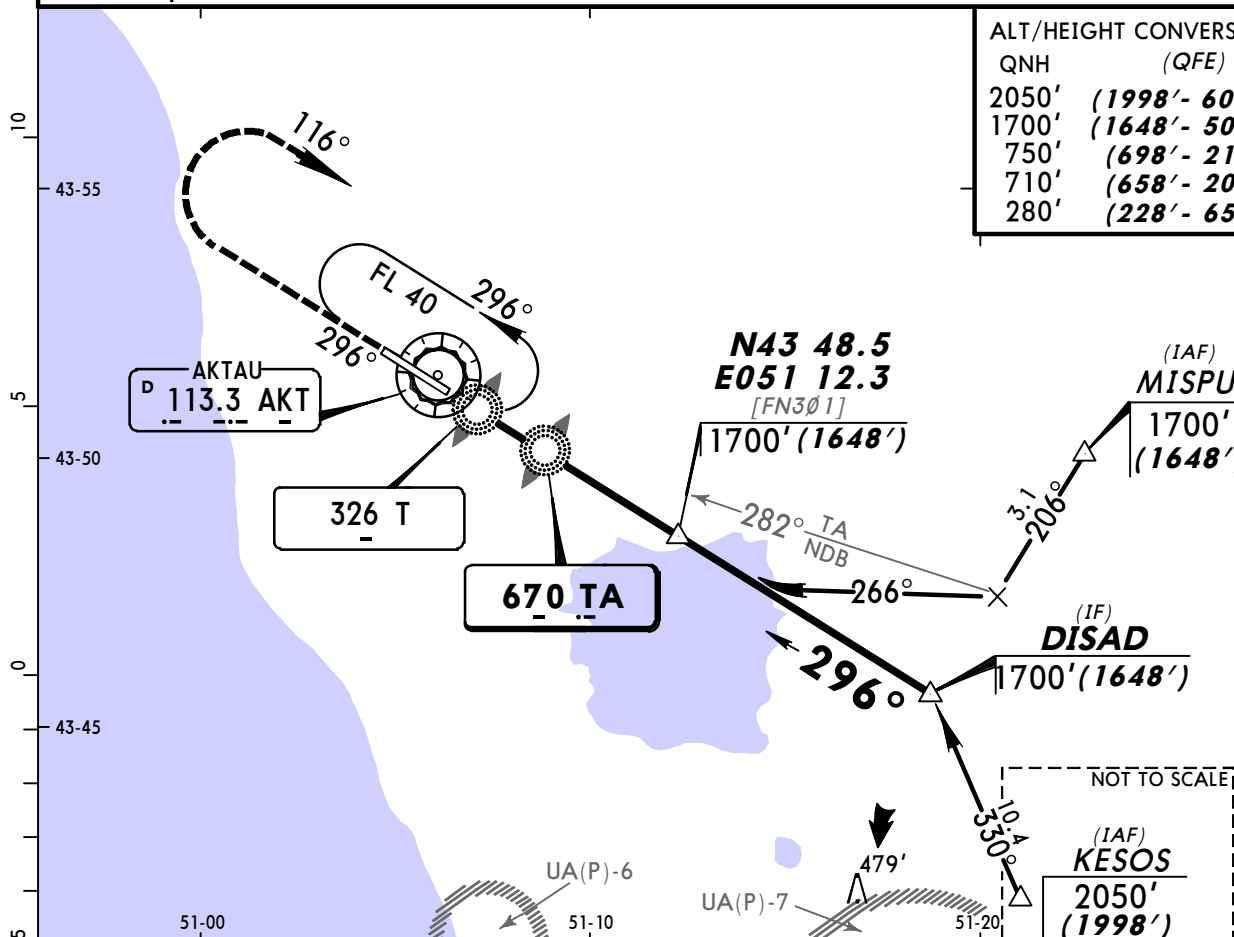
BRIEFING STRIP

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) 390' (338')	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.						

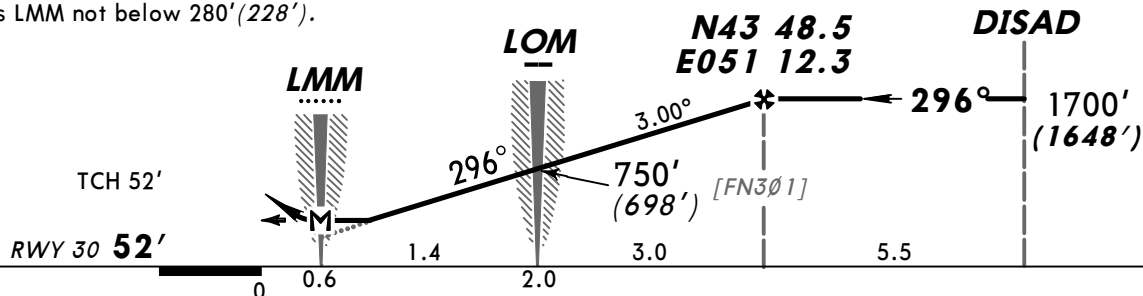
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 Trans alt: 2050' (1998')

RADAR required.

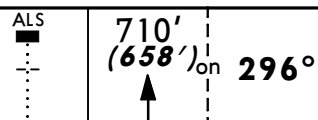
ALT/HEIGHT CONVERSION	QNH	(QFE)
2050'	(1998' - 600m)	
1700'	(1648' - 500m)	
750'	(698' - 210m)	
710'	(658' - 200m)	
280'	(228' - 65m)	



Pass LMM not below 280' (228').



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



STRAIGHT-IN LANDING RWY 30

MDA(H) 390' (338')

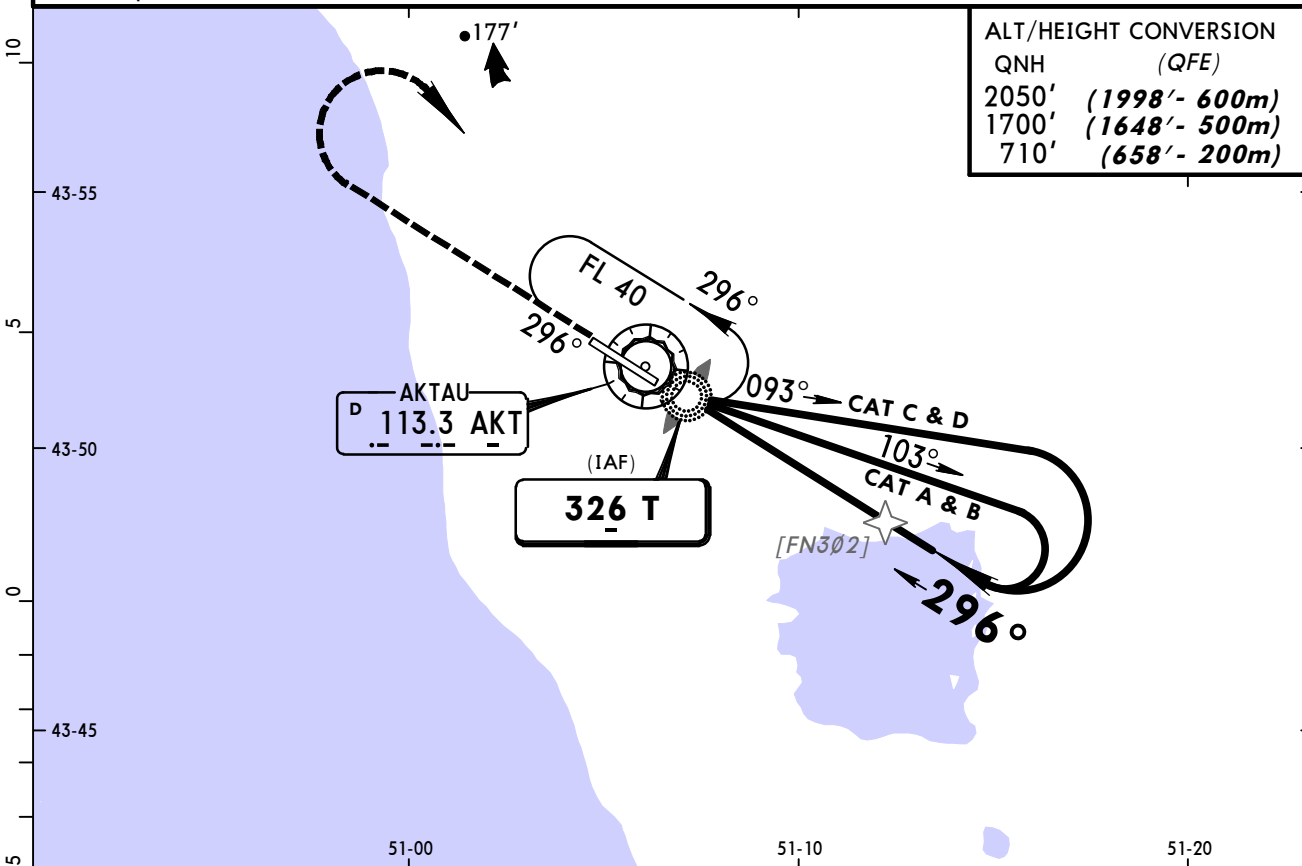
ALS out

A	RVR 1500m
B	VIS 1600m
C	1800m
D	2000m

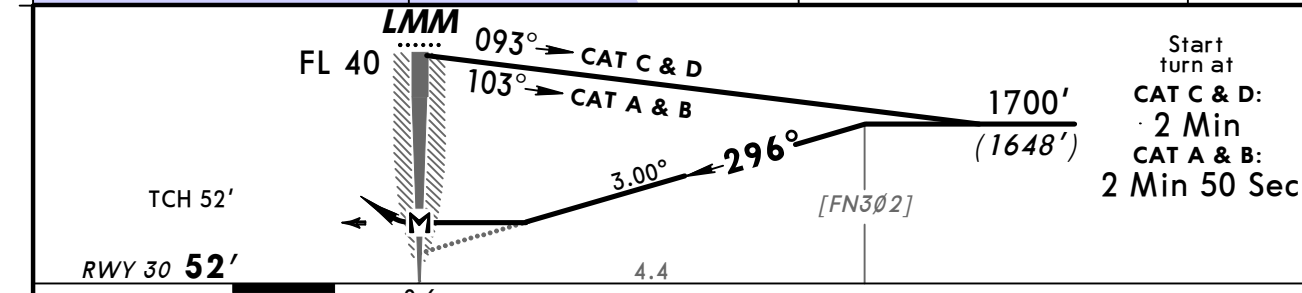
PANS OPS

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) 420' (368')	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 40 to NDB and hold. Missed apch turn restricted to MAX 225 KT.					
Alt Set: MM (hPa on req) QNH on req (QFE) Initial apch restricted to MAX 195 KT.		Trans level: FL 40		Trans alt: 2050' (1998')	



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1998' - 600m)
1700'	(1648' - 500m)
710'	(658' - 200m)



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

ALS	Refer to Missed Apch above
-----	----------------------------

STRAIGHT-IN LANDING RWY 30			
MDA(H) 420' (368')		ALS out	
A	RVR 1500m		
B	VIS 1600m		
C	1800m		
D	2000m		

AKTAU, (AKTAU - UATE)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UATE