

List of pages in this Trip Kit

Trip Kit Index

Airport Information For UATE

Terminal Charts For UATE

Revision Letter For Cycle 25-2012

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: 0410 Z
Sunset: 1307 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

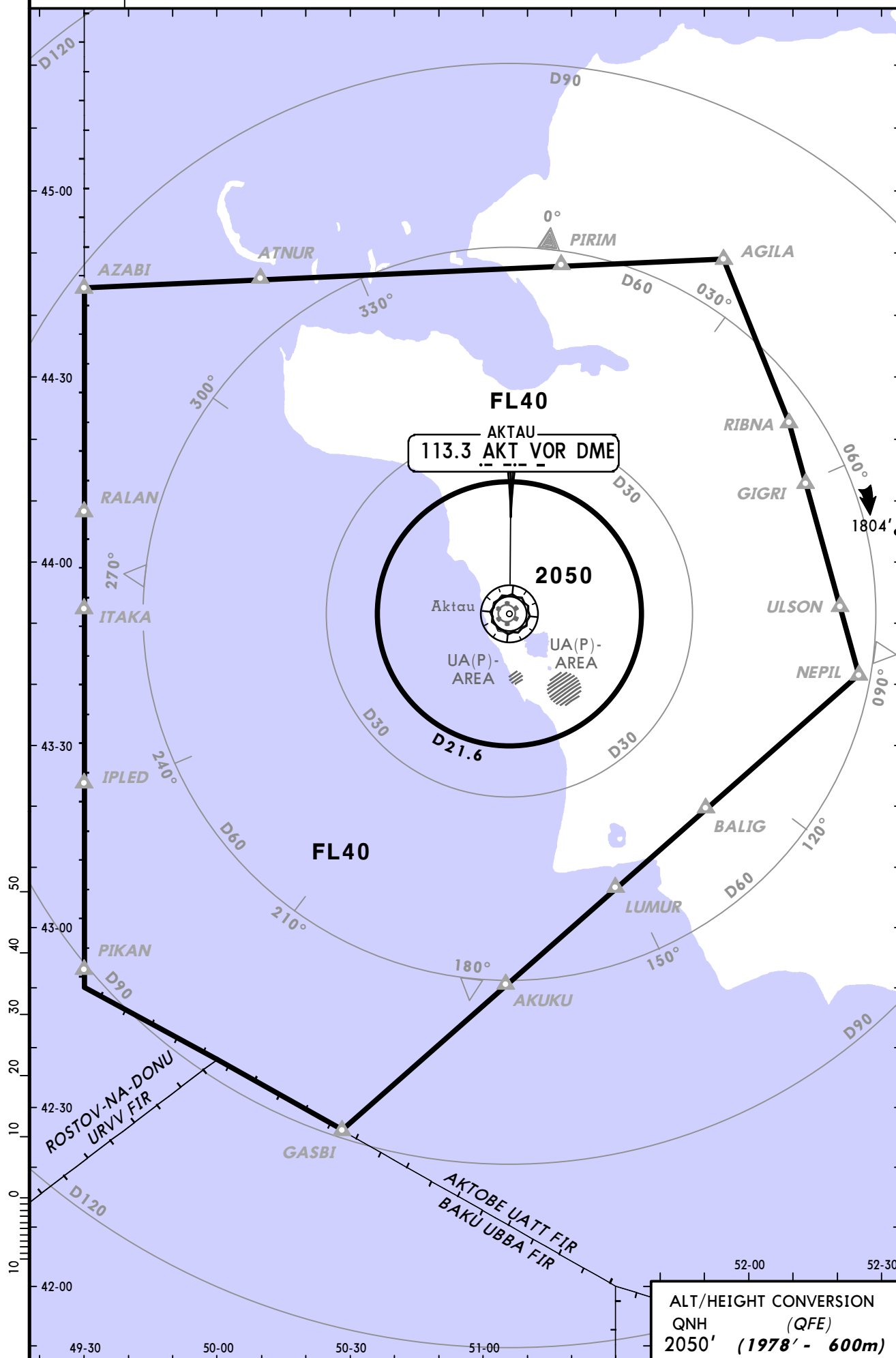
ATIS 130.1
ATIS 126.2 Non-English
Aktau Tower 120.7
Aktau Approach Control 134.3

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.

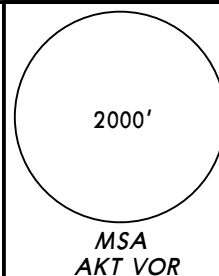


ATIS
130.1 (Russian 126.2)

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], PIRIM 2C [PIRI2C]
RIBNA 2C [RIBN2C], ULSON 2C [ULSO2C]
RWY 12 ARRIVALS



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

PIRIM
N44 48.1 E051 17.7
Between
FL210 & FL40

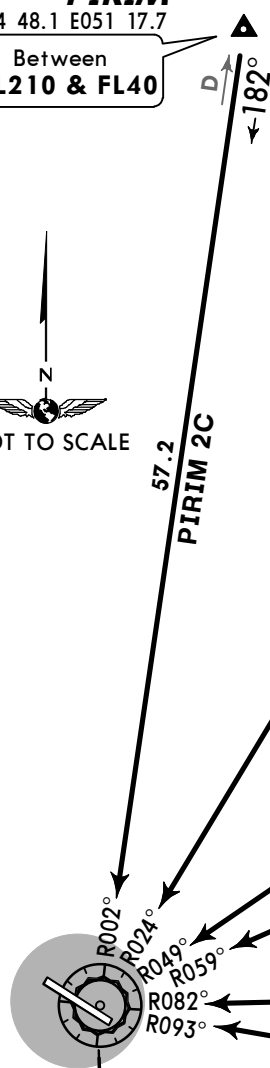
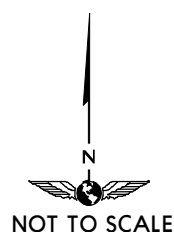
AGILA
N44 49.0 E051 54.4
Between
FL210 & FL40

RIBNA
N44 22.6 E052 09.1
Between
FL210 & FL40

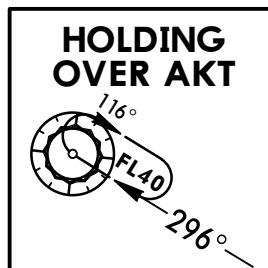
GIGRI
N44 12.8 E052 12.9
Between
FL210 & FL40

ULSON
N43 52.7 E052 20.7
Between
FL210 & FL40

NEPIL
N43 41.6 E052 24.9
Between
FL210 & FL40



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



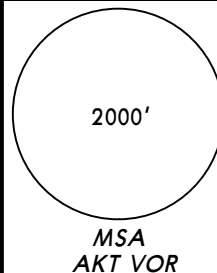
STAR	ROUTING
AGILA 3C	Intercept AKT R-024 inbound to AKT.
GIGRI 2C	Intercept AKT R-059 inbound to AKT.
NEPIL 2C	Intercept AKT R-093 inbound to AKT.
PIRIM 2C	Intercept AKT R-002 inbound to AKT.
RIBNA 2C	Intercept AKT R-049 inbound to AKT.
ULSON 2C	Intercept AKT R-082 inbound to AKT.

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

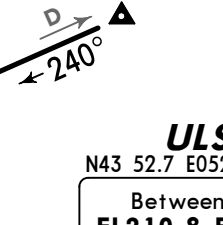
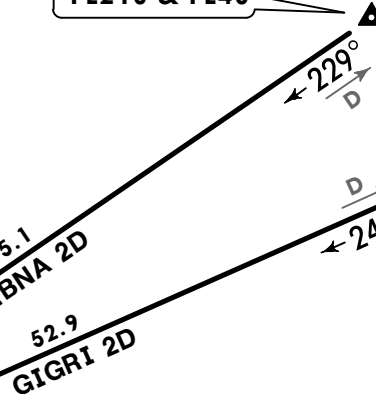
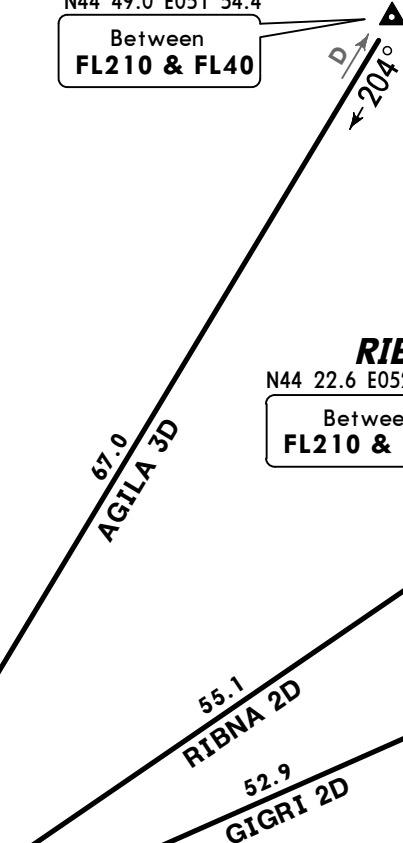
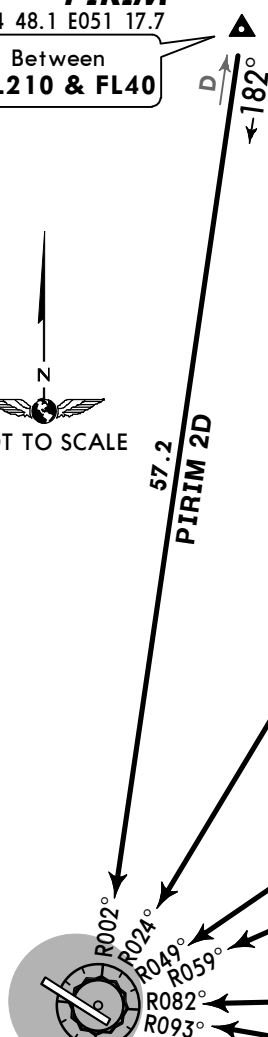
AGILA
N44 49.0 E051 54.4
Between
FL210 & FL40

RIBNA
N44 22.6 E052 09.1
Between
FL210 & FL40

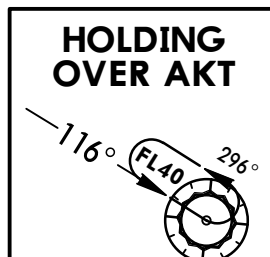
GIGRI
N44 12.8 E052 12.9
Between
FL210 & FL40

ULSON
N43 52.7 E052 20.7
Between
FL210 & FL40

NEPIL
N43 41.6 E052 24.9
Between
FL210 & FL40



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



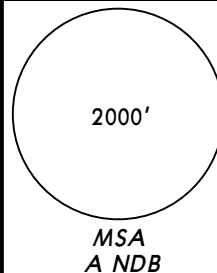
STAR	ROUTING
AGILA 3D	Intercept AKT R-024 inbound to AKT.
GIGRI 2D	Intercept AKT R-059 inbound to AKT.
NEPIL 2D	Intercept AKT R-093 inbound to AKT.
PIRIM 2D	Intercept AKT R-002 inbound to AKT.
RIBNA 2D	Intercept AKT R-049 inbound to AKT.
ULSON 2D	Intercept AKT R-082 inbound to AKT.

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

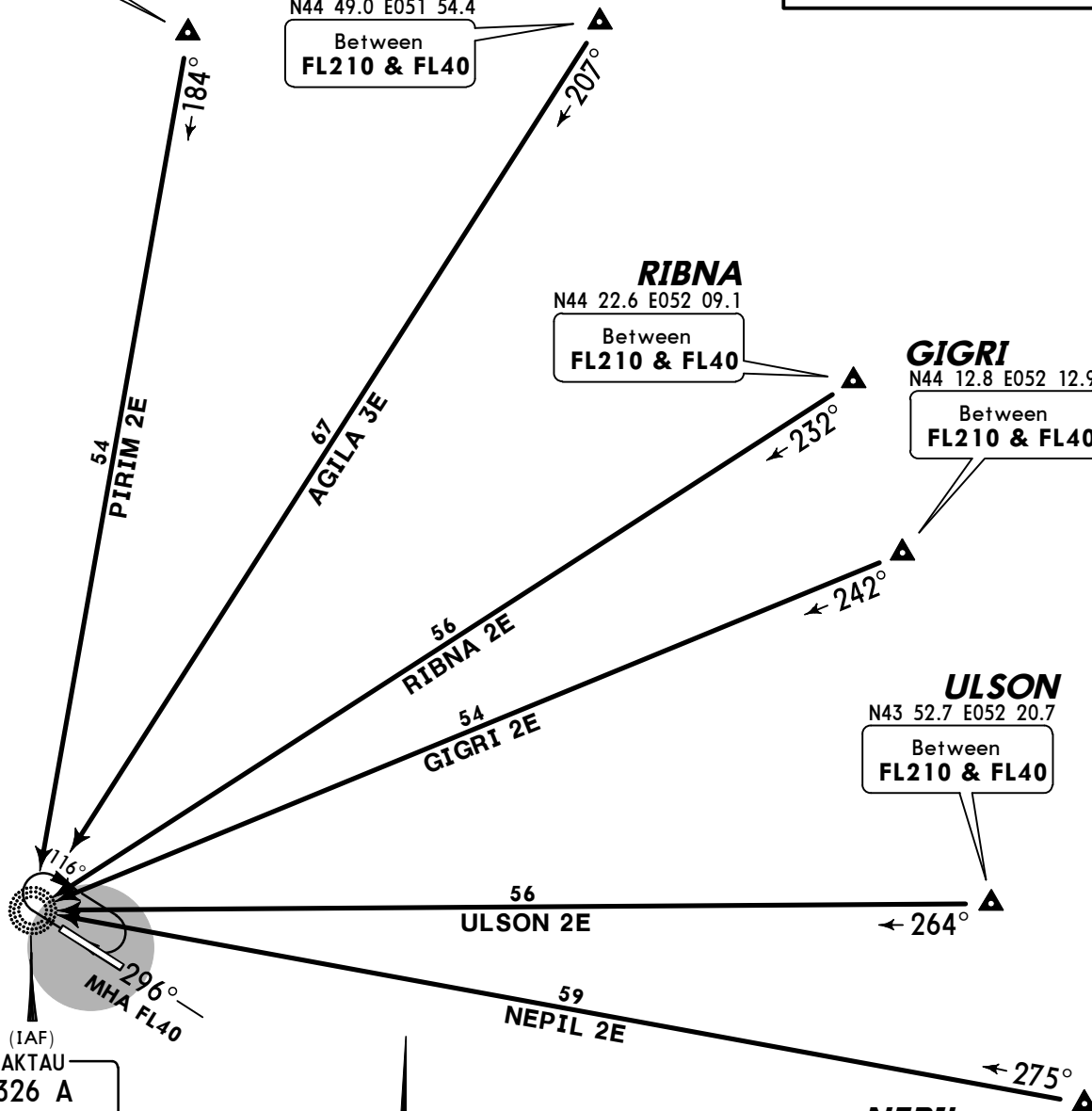
RIBNA
N44 22.6 E052 09.1
Between
FL210 & FL40

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



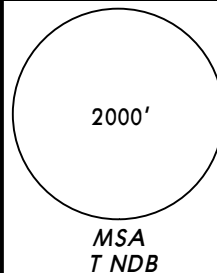
STAR	ROUTING
AGILA 3E	On 207° bearing to A.
GIGRI 2E	On 242° bearing to A.
NEPIL 2E	On 275° bearing to A.
PIRIM 2E	On 184° bearing to A.
RIBNA 2E	On 232° bearing to A.
ULSON 2E	On 264° bearing to A.

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 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

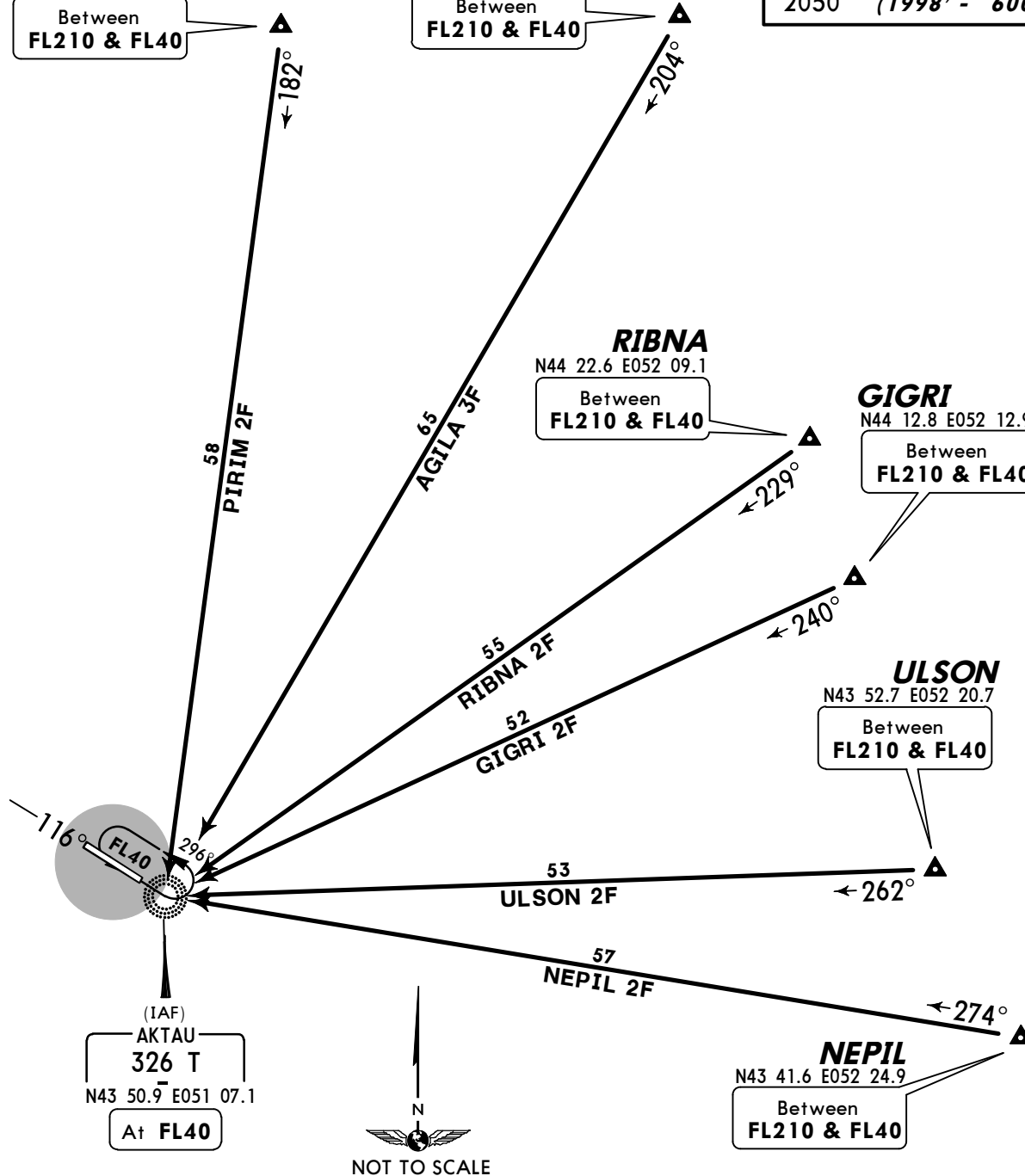
Between
FL210 & FL40

ULSON
N43 52.7 E052 20.7

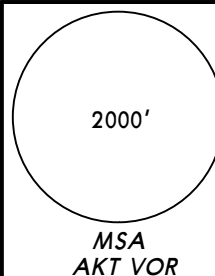
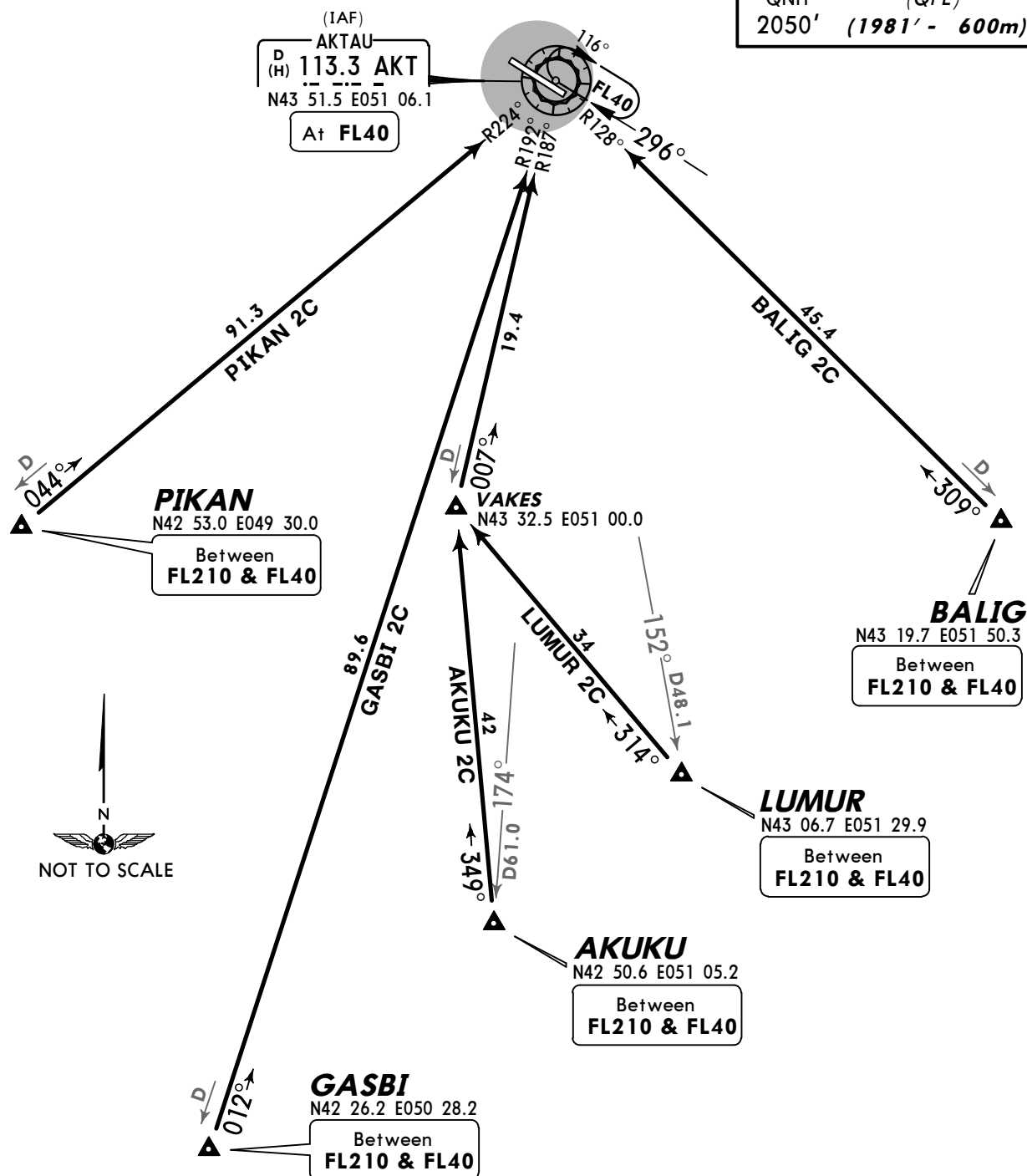
Between
FL210 & FL40

NEPIL
N43 41.6 E052 24.9

Between
FL210 & FL40



STAR	ROUTING
AGILA 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 (QFE)
Trans level: FL40 Trans alt: 2050' (1981')
Crossings at airway exit points by ATC.AKUKU 2C [AKUK2C], BALIG 2C [BALI2C]
GASBI 2C [GASB2C], LUMUR 2C [LUMU2C]
PIKAN 2C [PIKA2C]
RWY 12 ARRIVALSALT/HEIGHT CONVERSION
QNH (QFE)
2050' (1981' - 600m)

STAR

ROUTING

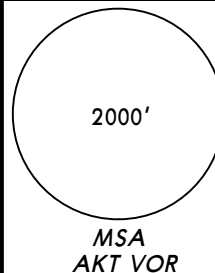
AKUKU 2C	349° track to VAKES, intercept AKT R-187 inbound to AKT.
BALIG 2C	Intercept AKT R-128 inbound to AKT.
GASBI 2C	Intercept AKT R-192 inbound to AKT.
LUMUR 2C	314° track to VAKES, intercept AKT R-187 inbound to AKT.
PIKAN 2C	Intercept AKT R-224 inbound to AKT.

ATIS
130.1 (Russian 126.2)

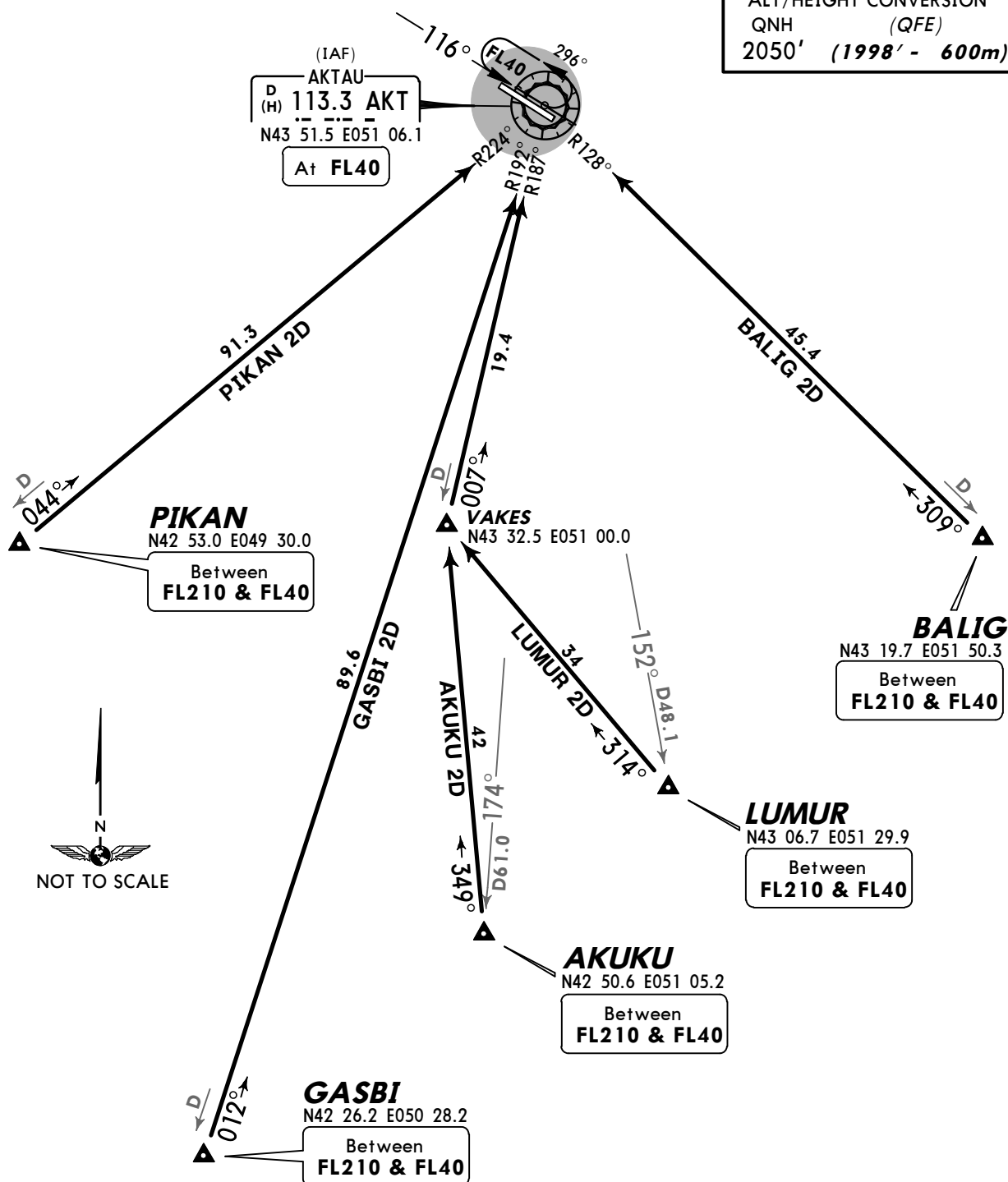
Apt Elev
72'

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)



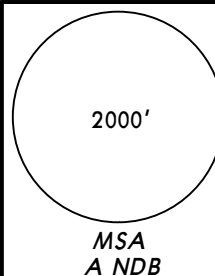
STAR	ROUTING
AKUKU 2D	349° track to VAKES, intercept AKT R-187 inbound to AKT.
BALIG 2D	Intercept AKT R-128 inbound to AKT.
GASBI 2D	Intercept AKT R-192 inbound to AKT.
LUMUR 2D	314° track to VAKES, intercept AKT R-187 inbound to AKT.
PIKAN 2D	Intercept AKT R-224 inbound to AKT.

ATIS
130.1 (Russian 126.2)

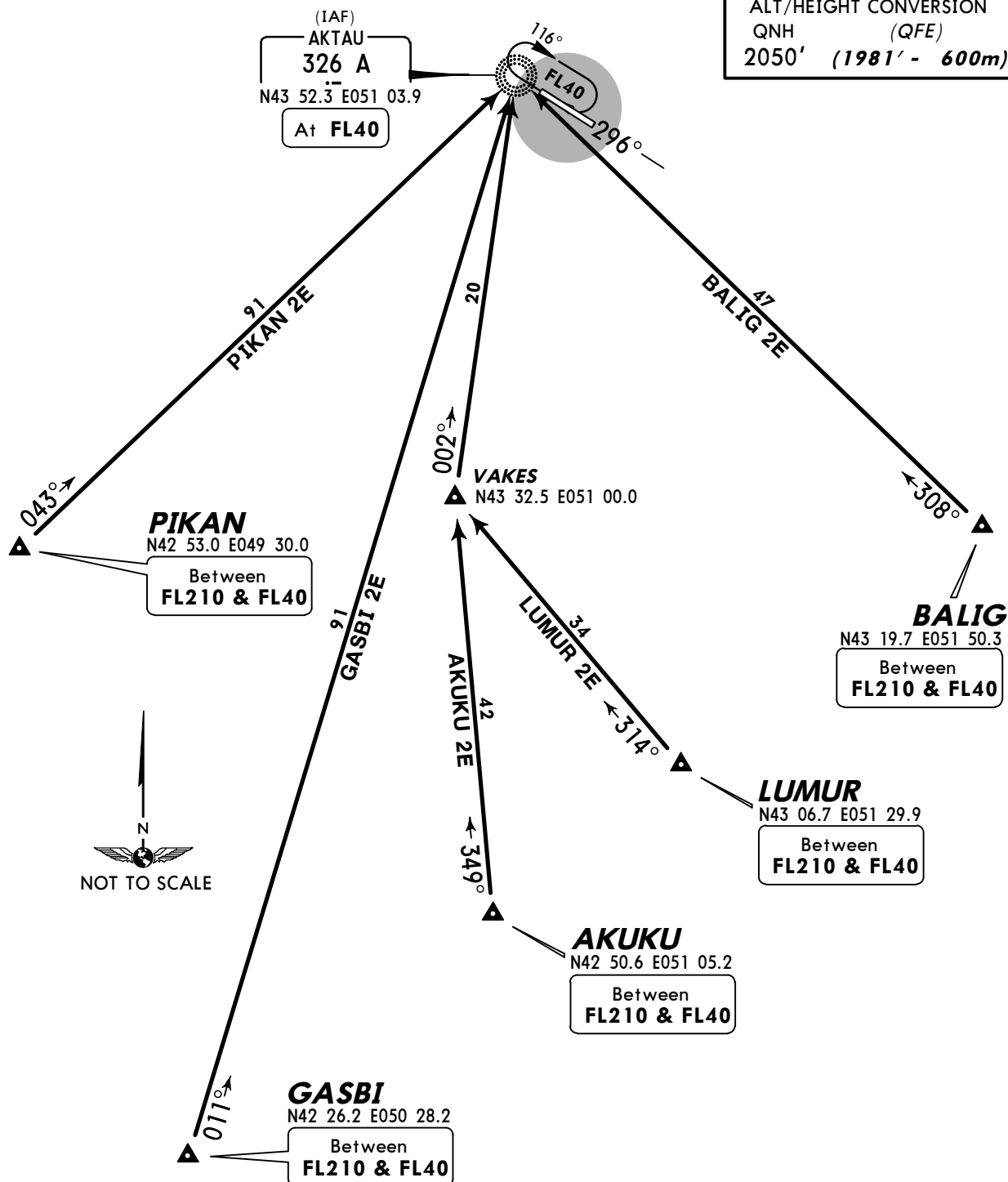
Apt Elev
72'

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

AKUKU 2E [AKUK2E], BALIG 2E [BALI2E]
GASBI 2E [GASB2E], LUMUR 2E [LUMU2E]
PIKAN 2E [PIKA2E]
RWY 12 ARRIVALS



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



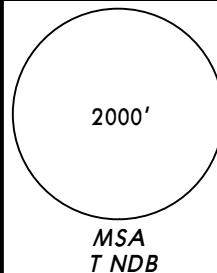
STAR	ROUTING
AKUKU 2E	349° track to VAKES, intercept 002° bearing to A.
BALIG 2E	On 308° bearing to A.
GASBI 2E	On 011° bearing to A.
LUMUR 2E	314° track to VAKES, intercept 002° bearing to A.
PIKAN 2E	On 043° bearing to A.

ATIS
130.1 (Russian 126.2)

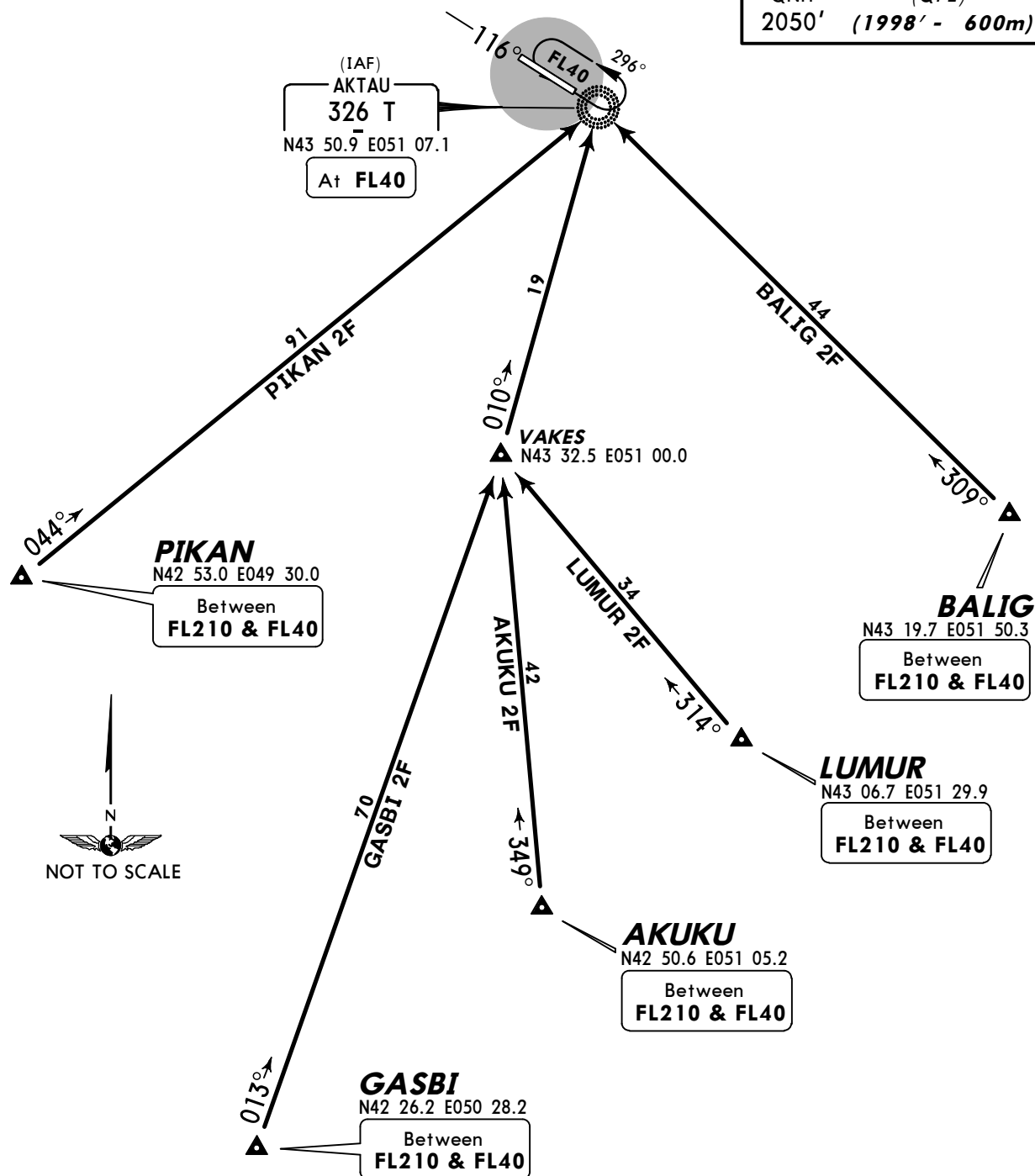
Apt Elev
72'

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

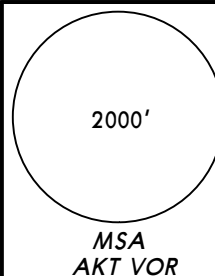
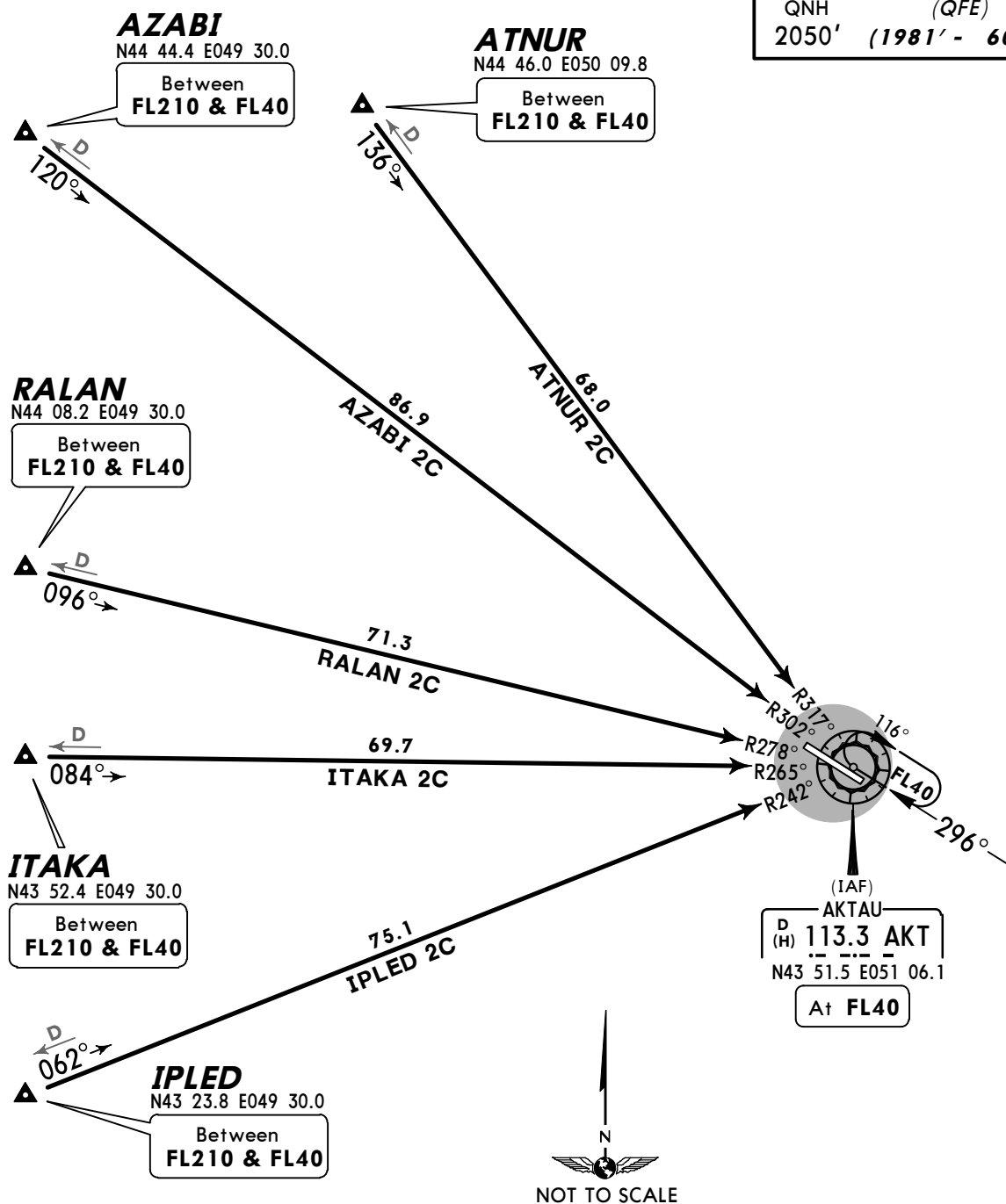
AKUKU 2F [AKUK2F], BALIG 2F [BALI2F]
GASBI 2F [GASB2F], LUMUR 2F [LUMU2F]
PIKAN 2F [PIKA2F]
RWY 30 ARRIVALS



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

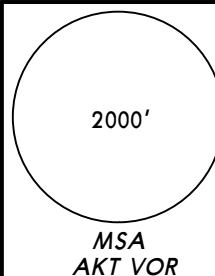
STAR	ROUTING
ATNUR 2C	Intercept AKT R-317 inbound to AKT.
AZABI 2C	Intercept AKT R-302 inbound to AKT.
IPLED 2C	Intercept AKT R-242 inbound to AKT.
ITAKA 2C	Intercept AKT R-265 inbound to AKT.
RALAN 2C	Intercept AKT R-278 inbound to AKT.

ATIS
130.1 (Russian 126.2)

Apt Elev
72'

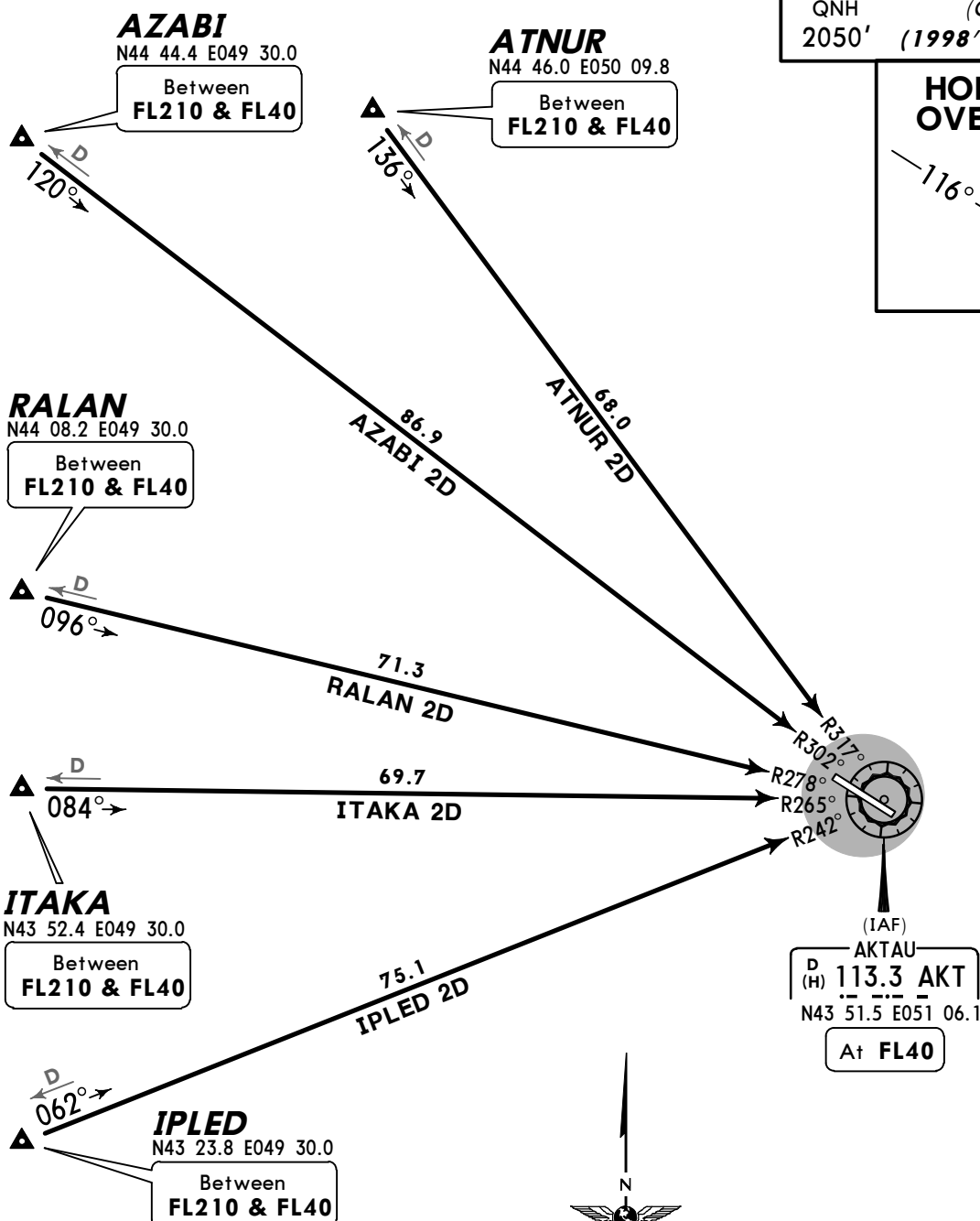
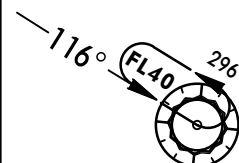
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2050' (1998')
Crossings at airway exit points by ATC.

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

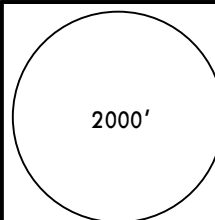
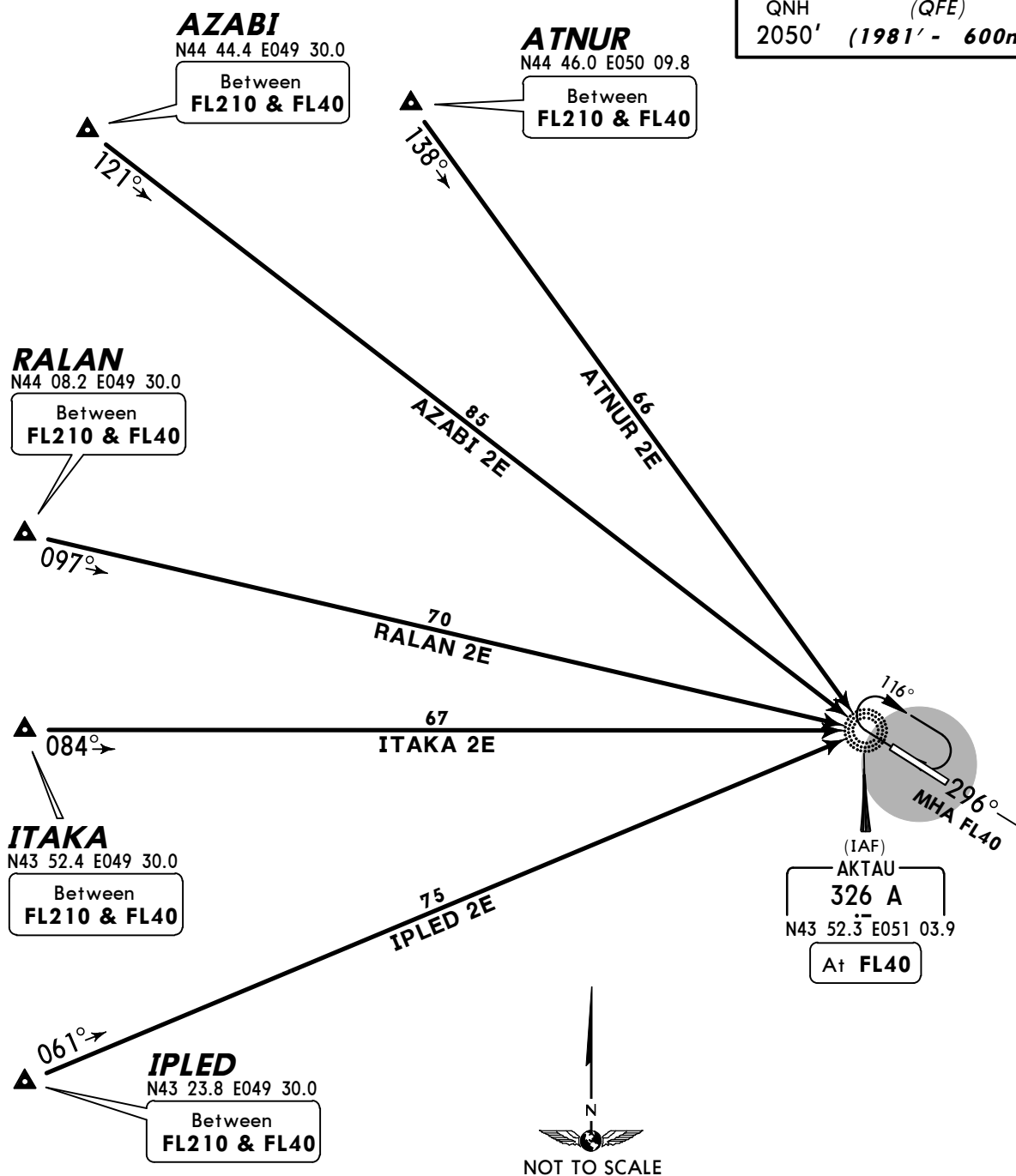


ALT/HEIGHT CONVERSION
QNH (QFE)
2050' (1998' - 600m)

HOLDING
OVER AKT



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 ARRIVALSMSA
A NDBALT/HEIGHT CONVERSION
QNH (QFE)
2050' (1981' - 600m)

STAR

ROUTING

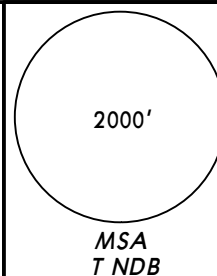
ATNUR 2E	On 138° bearing to A.
AZABI 2E	On 121° bearing to A.
IPLED 2E	On 061° bearing to A.
ITAKA 2E	On 084° bearing to A.
RALAN 2E	On 097° bearing to A.

ATIS
130.1 (Russian 126.2)

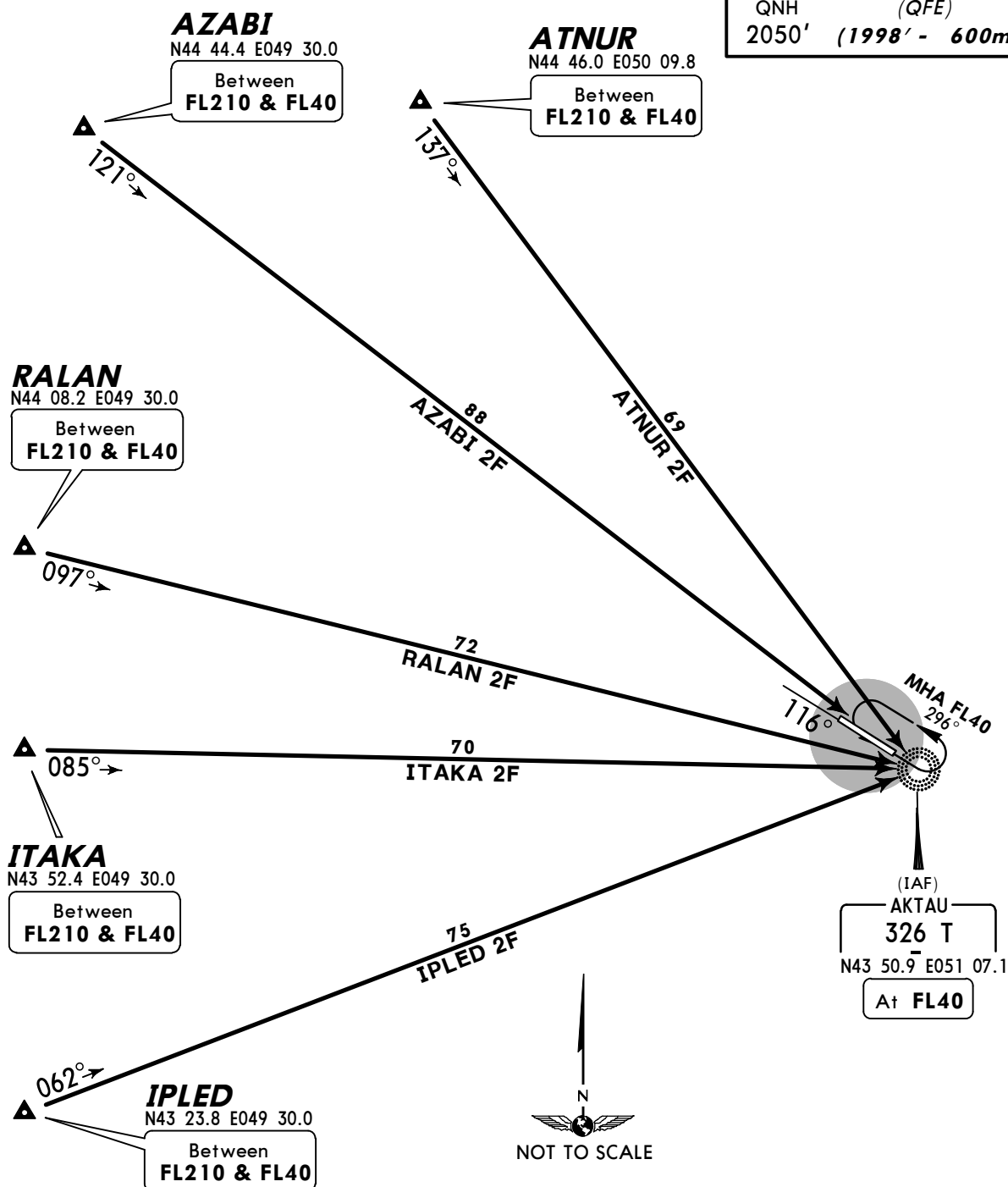
Apt Elev
72'

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.
IPLED 2F	On 062° bearing to T.
ITAKA 2F	On 085° bearing to T.
RALAN 2F	On 097° bearing to T.

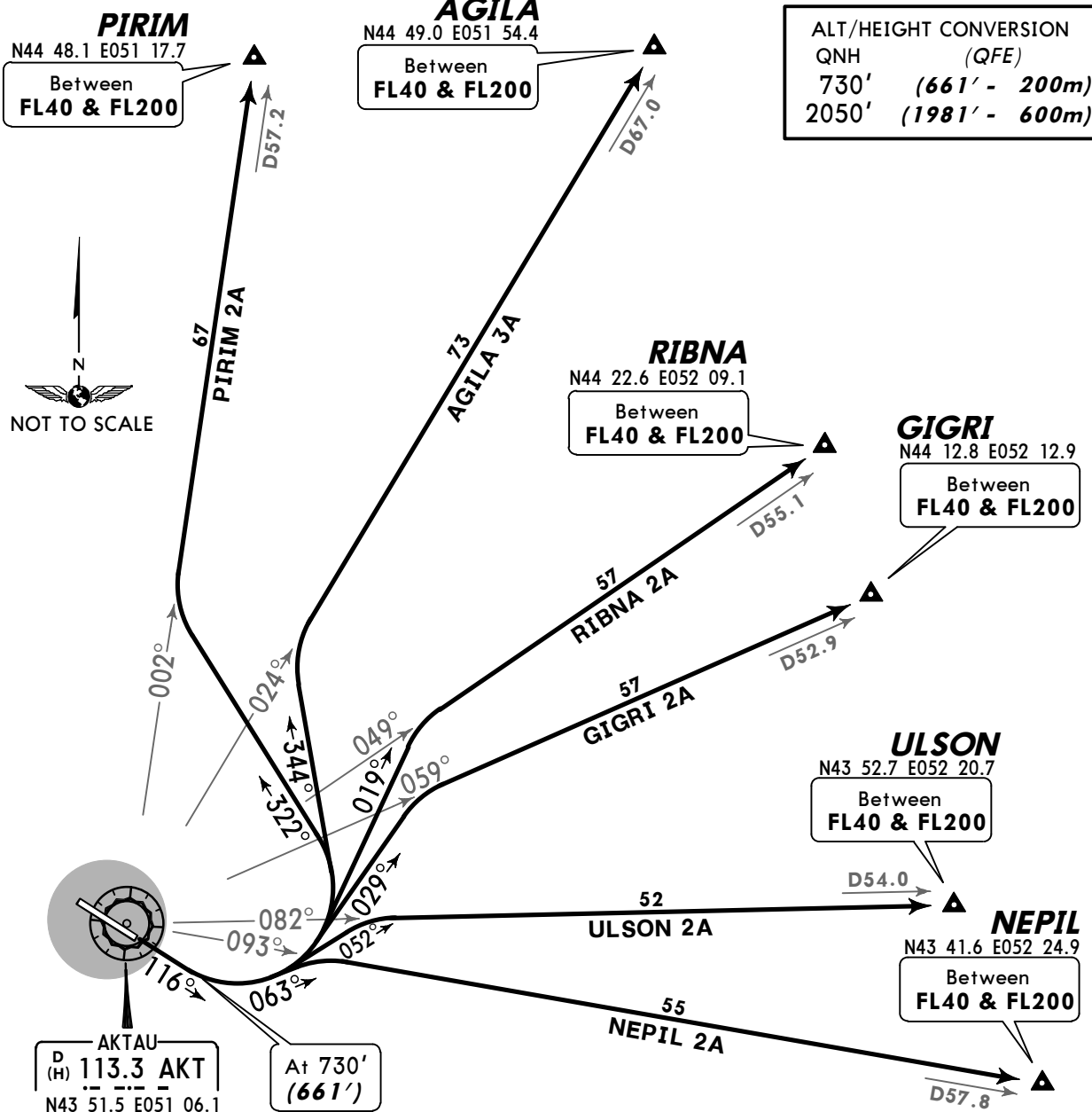
Apt Elev
72'

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

PIRIM

N44 48.1 E051 17.7

Between
FL40 & FL200

AGILA

N44 49.0 E051 54.4

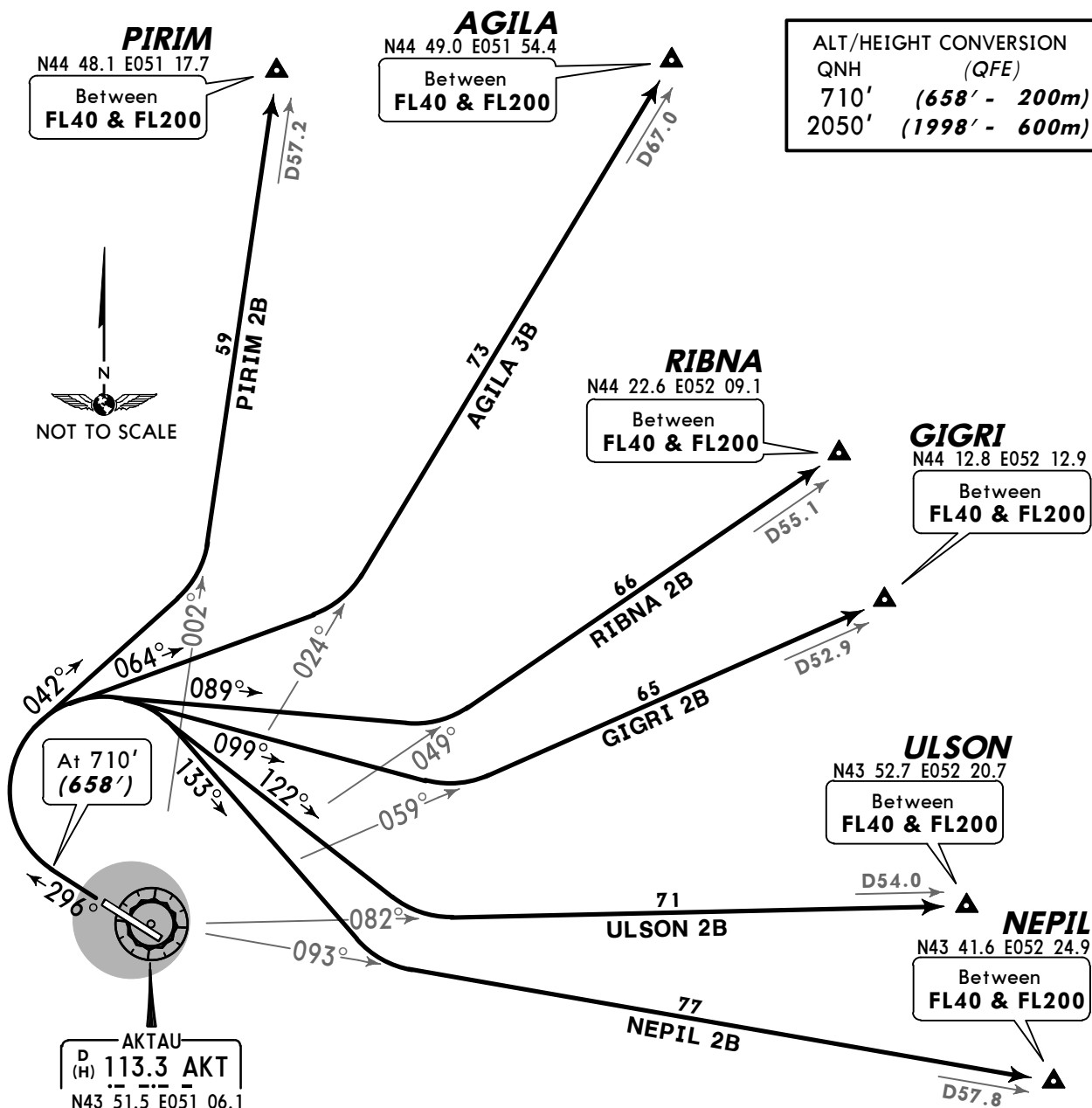
Between
FL40 & FL200

ALT/HEIGHT CONVERSION

QNH (QFE)

710' (658' - 200m)

2050' (1998' - 600m)



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.

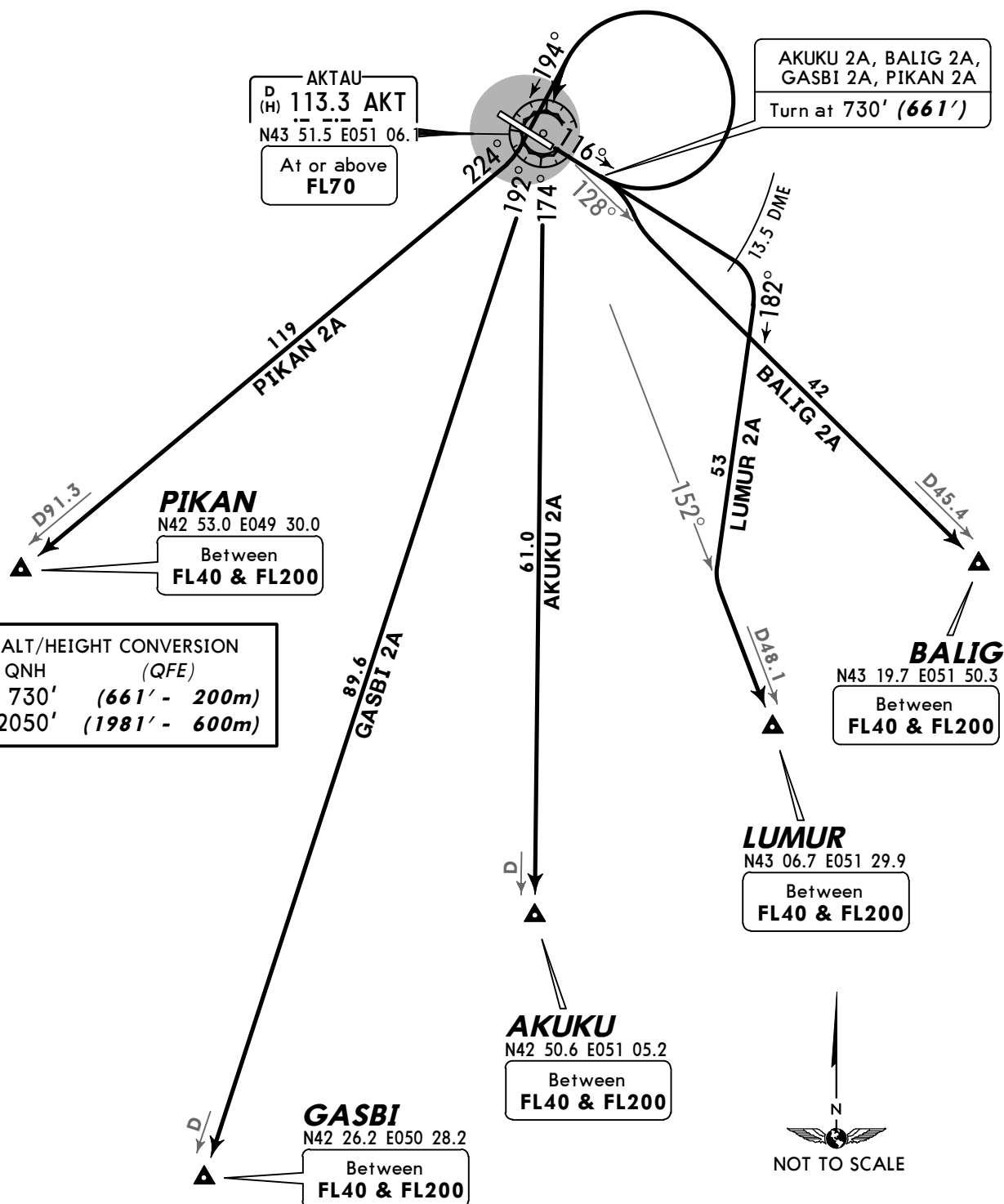
Apt Elev
72'

QNH on request (QFE)

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

FL by ATC.

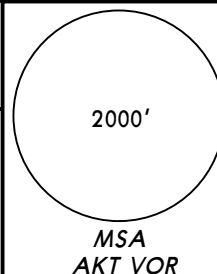
2000'

MSA
AKT VORAKUKU 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.

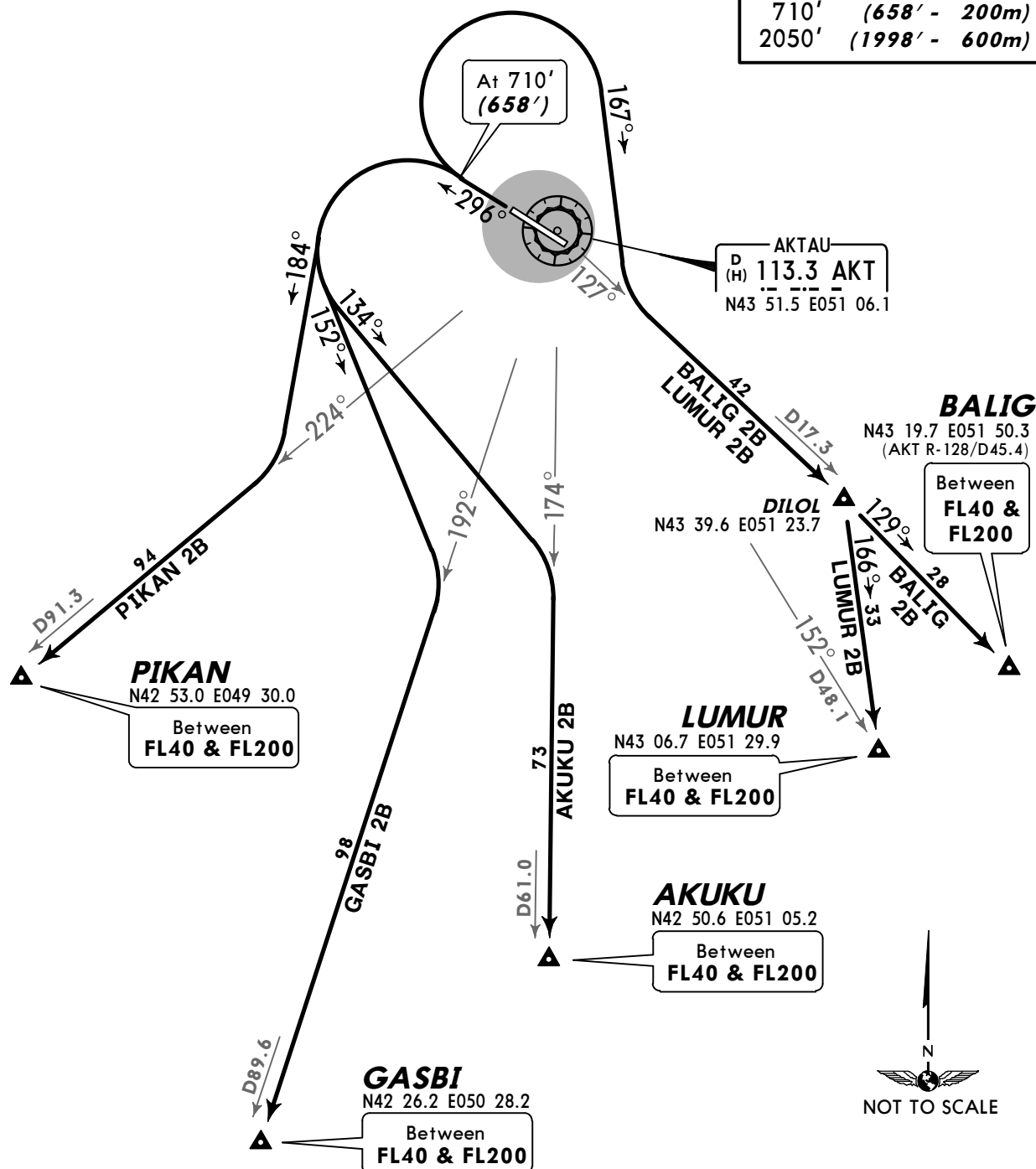
Apt Elev
72'

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



AKUKU 2B [AKUK2B], BALIG 2B [BALI2B]
GASBI 2B [GASB2B], LUMUR 2B [LUMU2B]
PIKAN 2B [PIKA2B]
RWY 30 DEPARTURES

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



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.

Apt Elev
72'

QNH on request (QFE)

Trans level: FL40

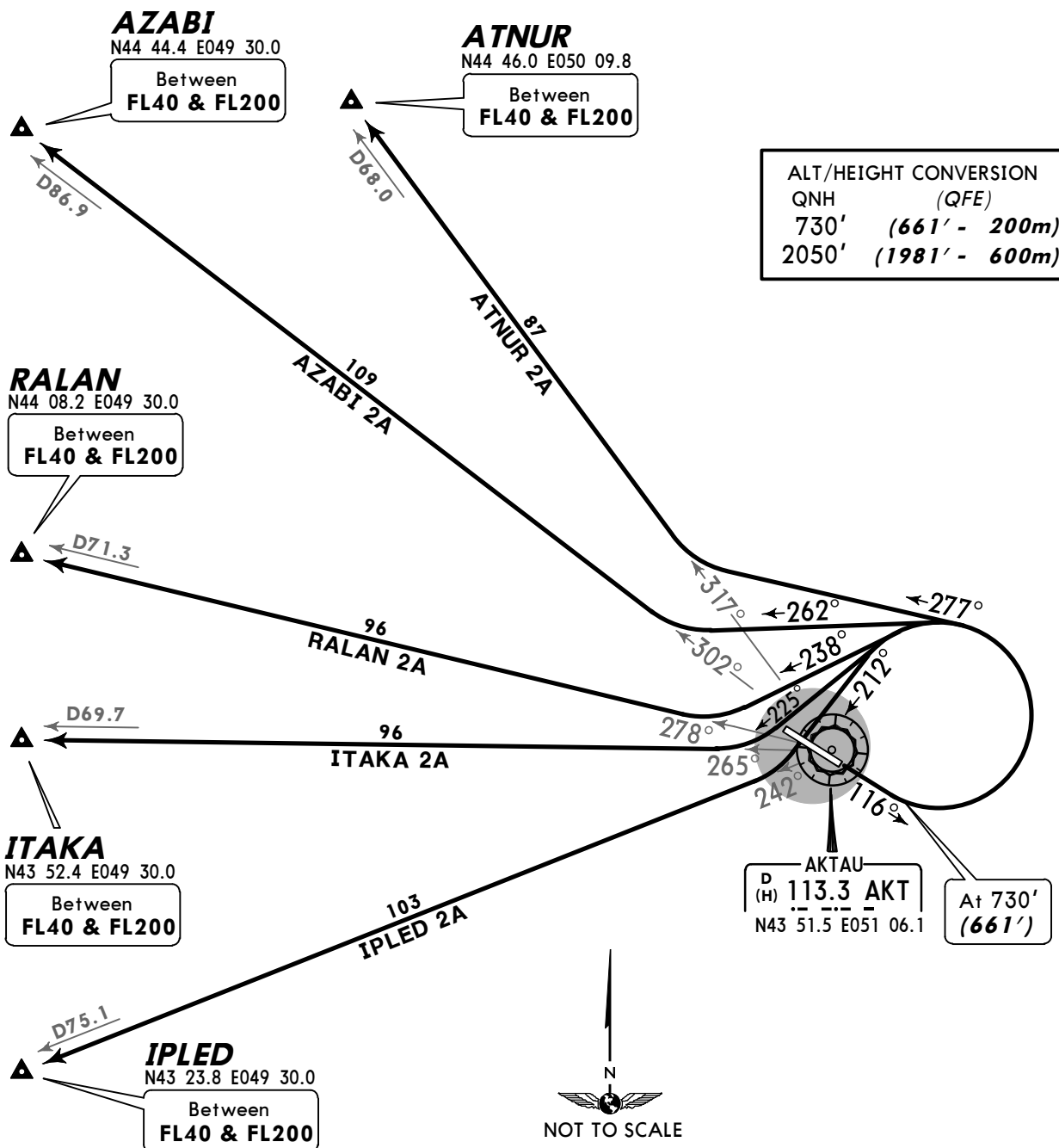
Trans alt: 2050' (1981')

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



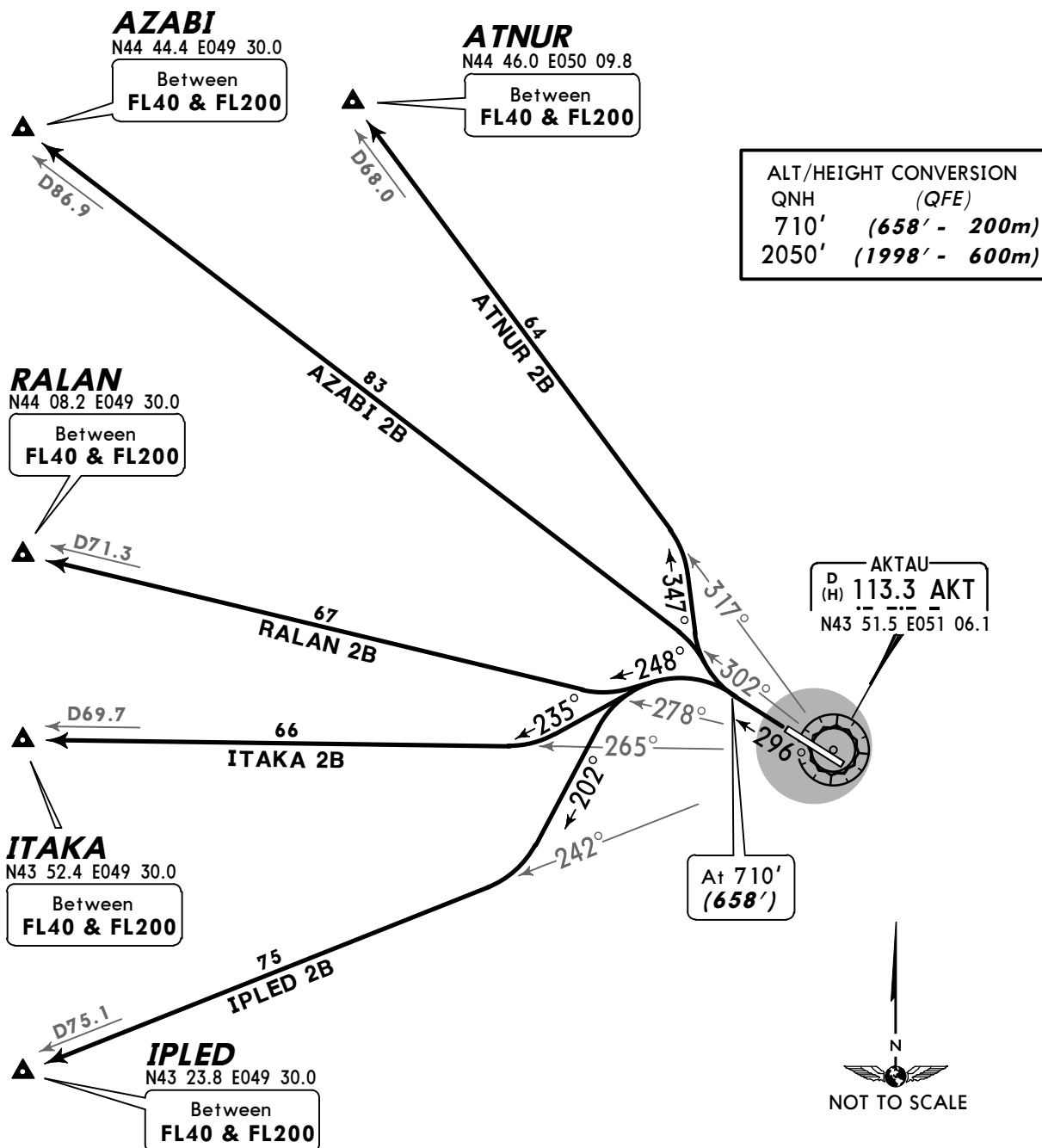
SID

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.

UATE/SCO

Apt Elev 72'
N43 51.6 E051 05.5

9 NOV 12

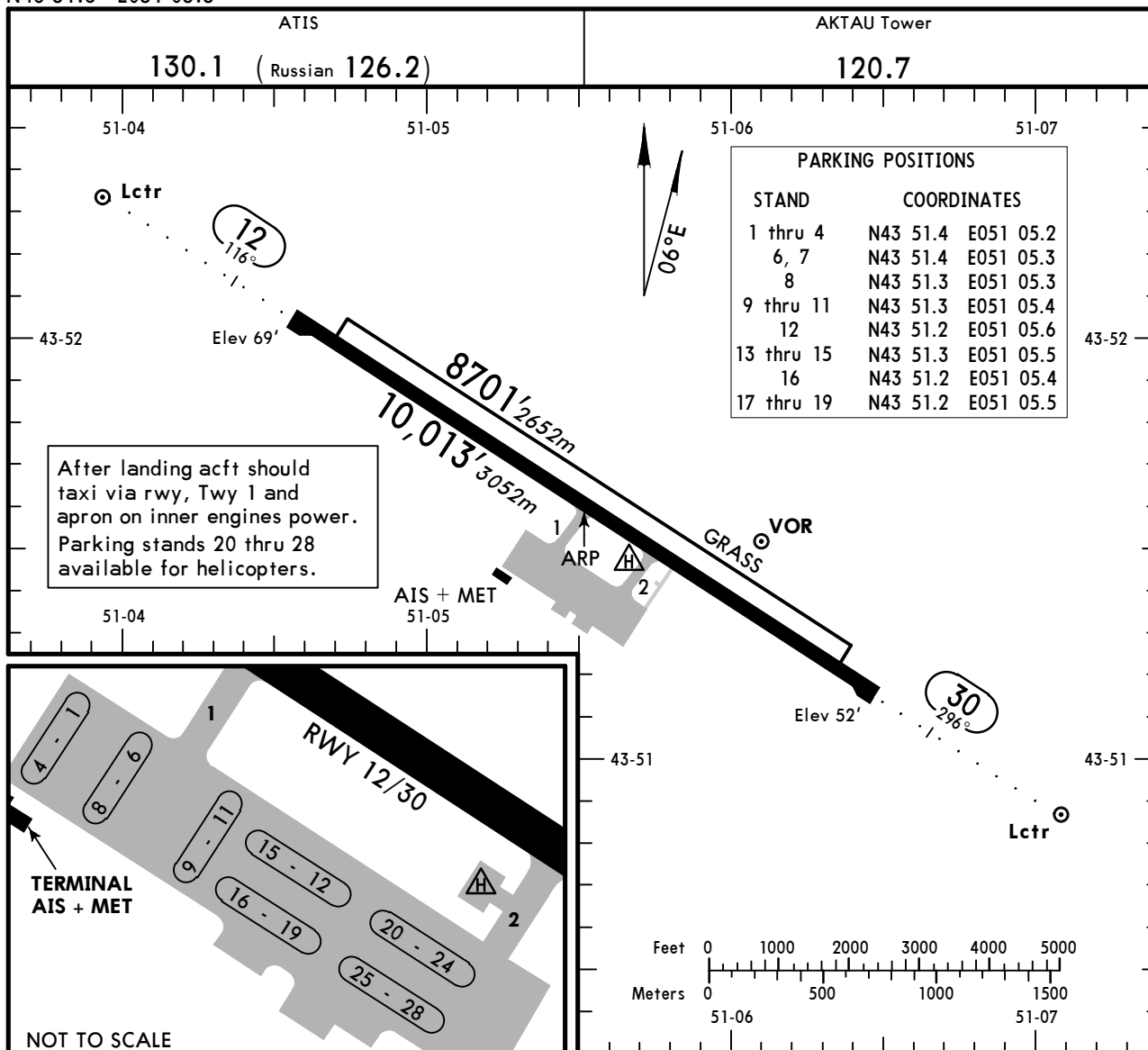
JEPPesen

(10-9)

Eff 15 Nov

AKTAU, KAZAKHSTAN

AKTAU



ADDITIONAL RUNWAY INFORMATION

ADDITIONAL RUNWAY INFORMATION					USABLE LENGTHS			WIDTH
					LANDING BEYOND		TAKE-OFF	
RWY					Threshold	Glide Slope		
12 30	RL (60m)	HIALS	PAPI-L	RVR		9041' 2756m		197' 60m
12 30	Grass runway							328' 100m

TAKE-OFF

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

I LVP must be in force: 300m.

CHANGES: Rwy and usable lengths. Lights.

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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	400m❹	500m	400m❹
	500m		400m

❹ 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>	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR DME	430' (361')	430' (361')	430' (361')	430' (361')
		1500m	1500m	1800m	2000m
	2 NDB	370' (301')	370' (301')	370' (301')	370' (301')
		1500m	1500m	1800m	2000m
	NDB	430' (361')	430' (361')	430' (361')	430' (361')
		1500m	1500m	1800m	2000m
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	420' (368')	420' (368')	420' (368')	420' (368')
		1500m	1500m	1800m	2000m
	2 NDB	390' (338')	390' (338')	390' (338')	390' (338')
		1500m	1500m	1800m	2000m
	NDB	420' (368')	420' (368')	420' (368')	420' (368')
		1500m	1500m	1800m	2000m

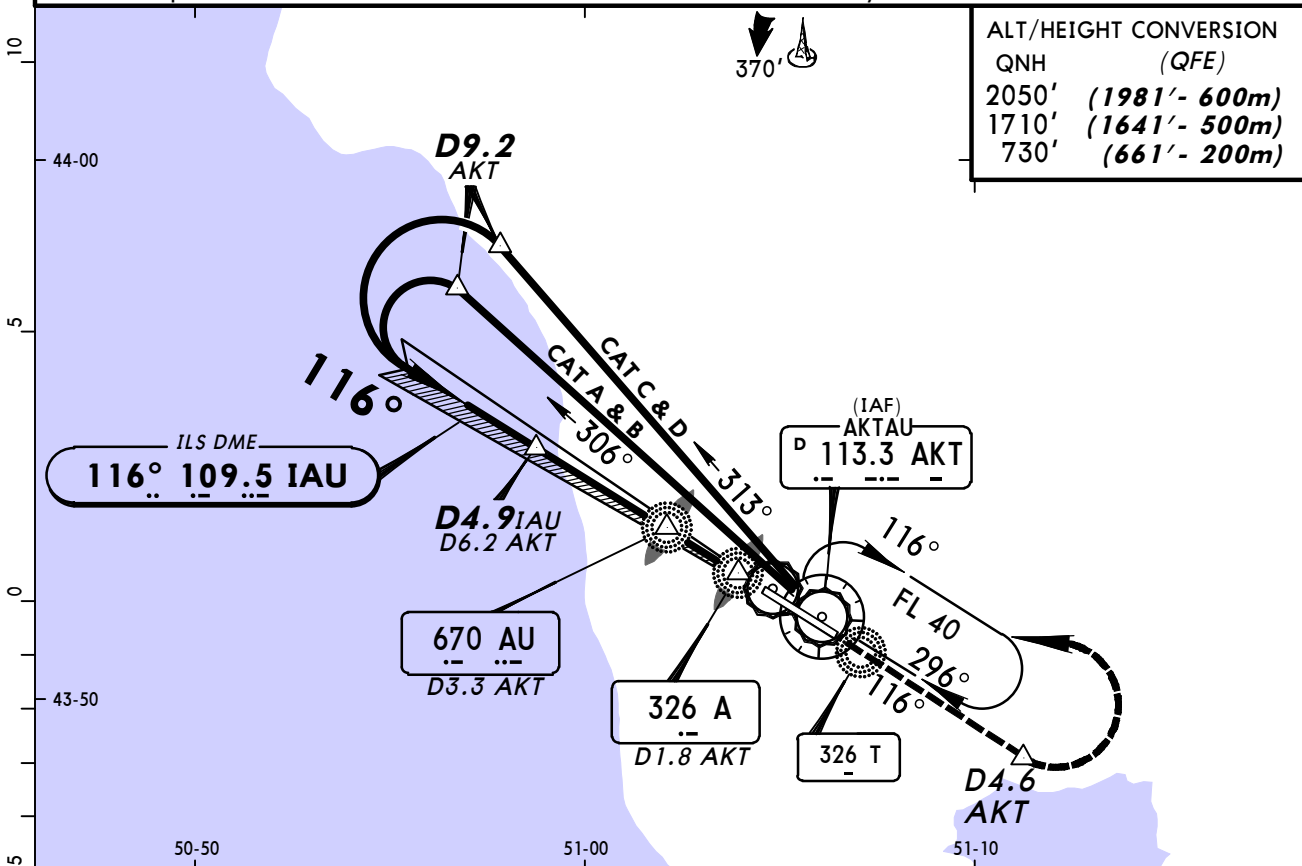
TAKE-OFF RWY 12, 30

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

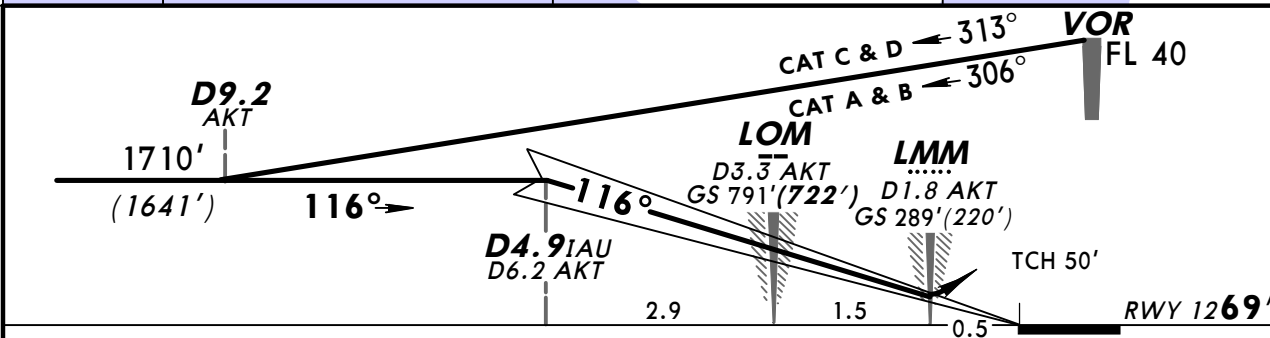
I LVP must be in force: 300m.

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.					



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

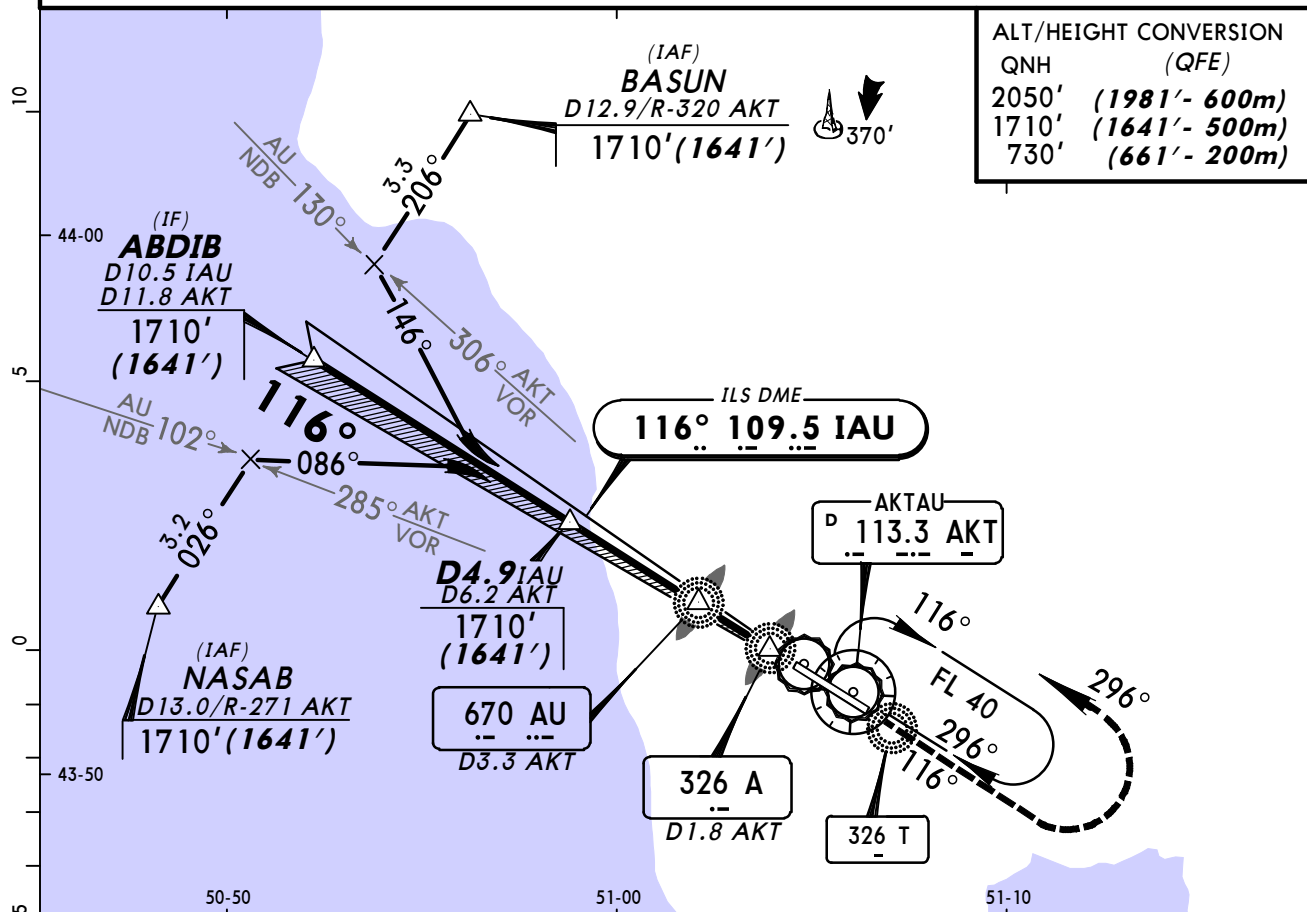


Gnd speed-Kts	70	90	100	120	140	160	HIALS		730' (661') or above on 116°		D4.6 AKT	
GS	3.00°	372	478	531	637	743	849	PAPI				

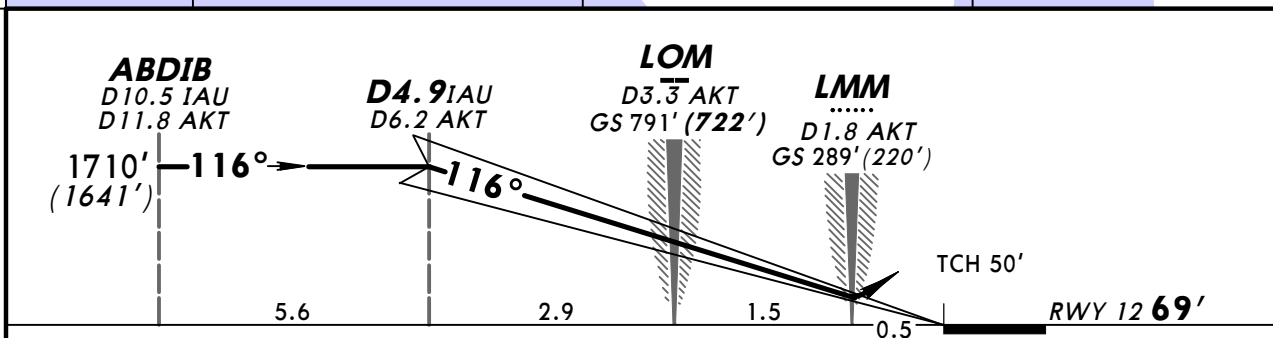
STRAIGHT-IN LANDING RWY 12							
ILS		LOC (GS out)					
DA(H)	AB: 269' (200')	CD: 299' (230')					
FULL		ALS out					
A	800m						
B							
C	900m	1200m					
D							

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

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)	

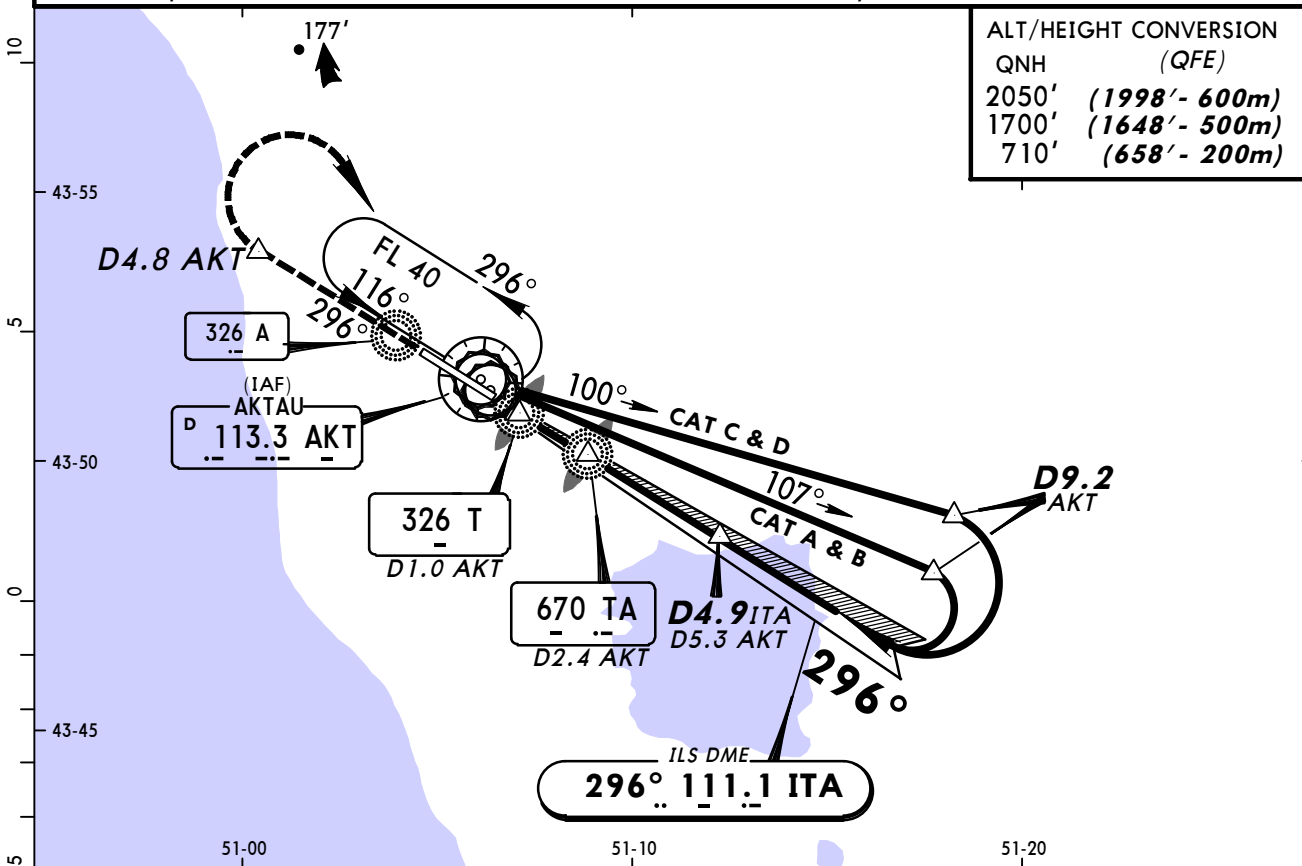


Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	730' (661') on 116°
GS	3.00°	372	478	531	637	743		

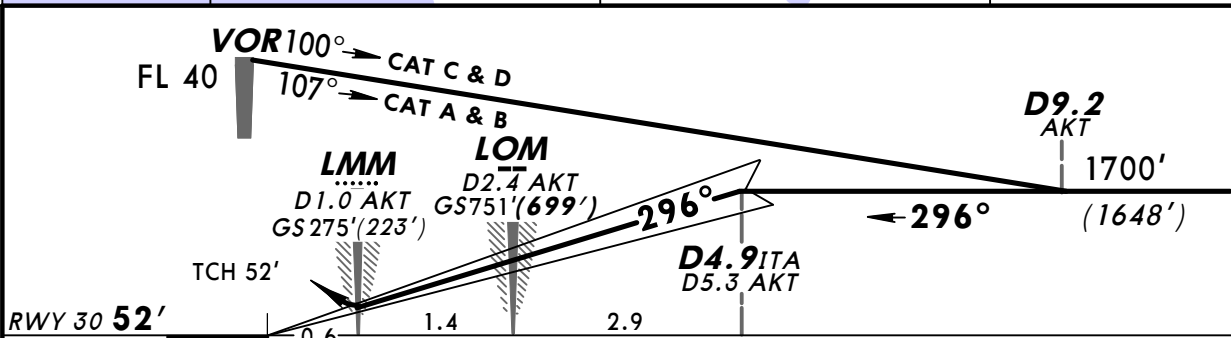
PANS OPS	STRAIGHT-IN LANDING RWY 12				LOC (GS out)	
	ILS		LOC (GS out)			
	DA(H)		AB: 269'(200') CD: 299'(230')			
	FULL		ALS out			
	A		B			
	800m					
			1200m			
	C					
	900m					
	D					

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.					



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

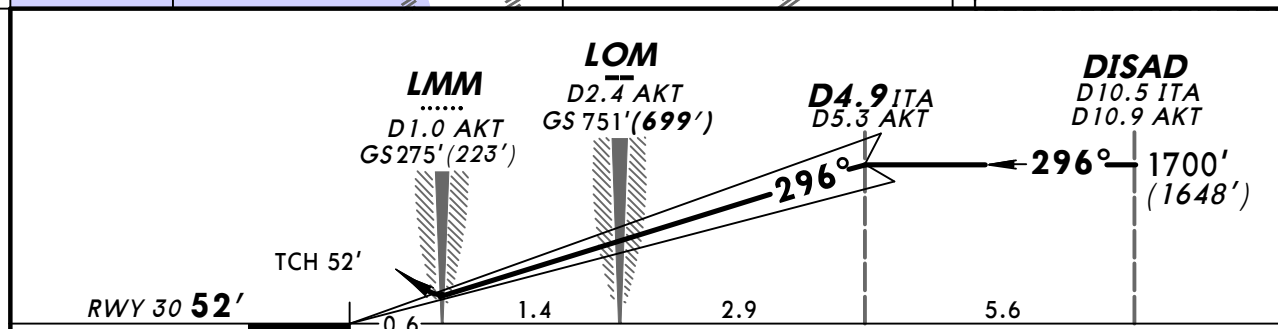
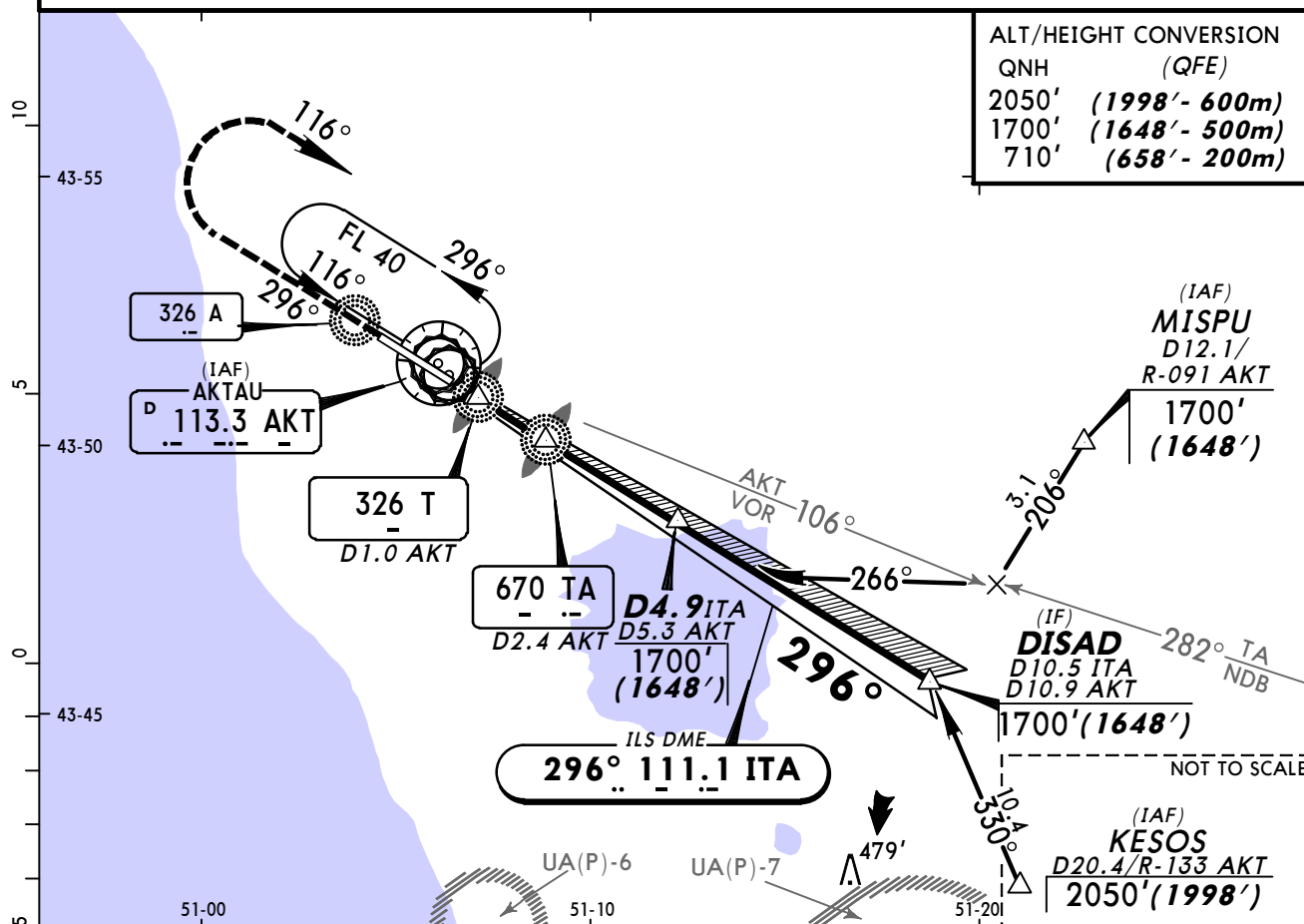


Gnd speed-Kts							70	90	100	120	140	160			HIALS	710'	on (658') or above	296°	D4.8 AKT
GS							3.00°	372	478	531	637	743	849	PAPI					

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									
D	900m								

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 751'(699')	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 40 Trans alt: 2050'(1998')						
1. RADAR required. 2. ILS DME reads zero at rwy 30 threshold.						

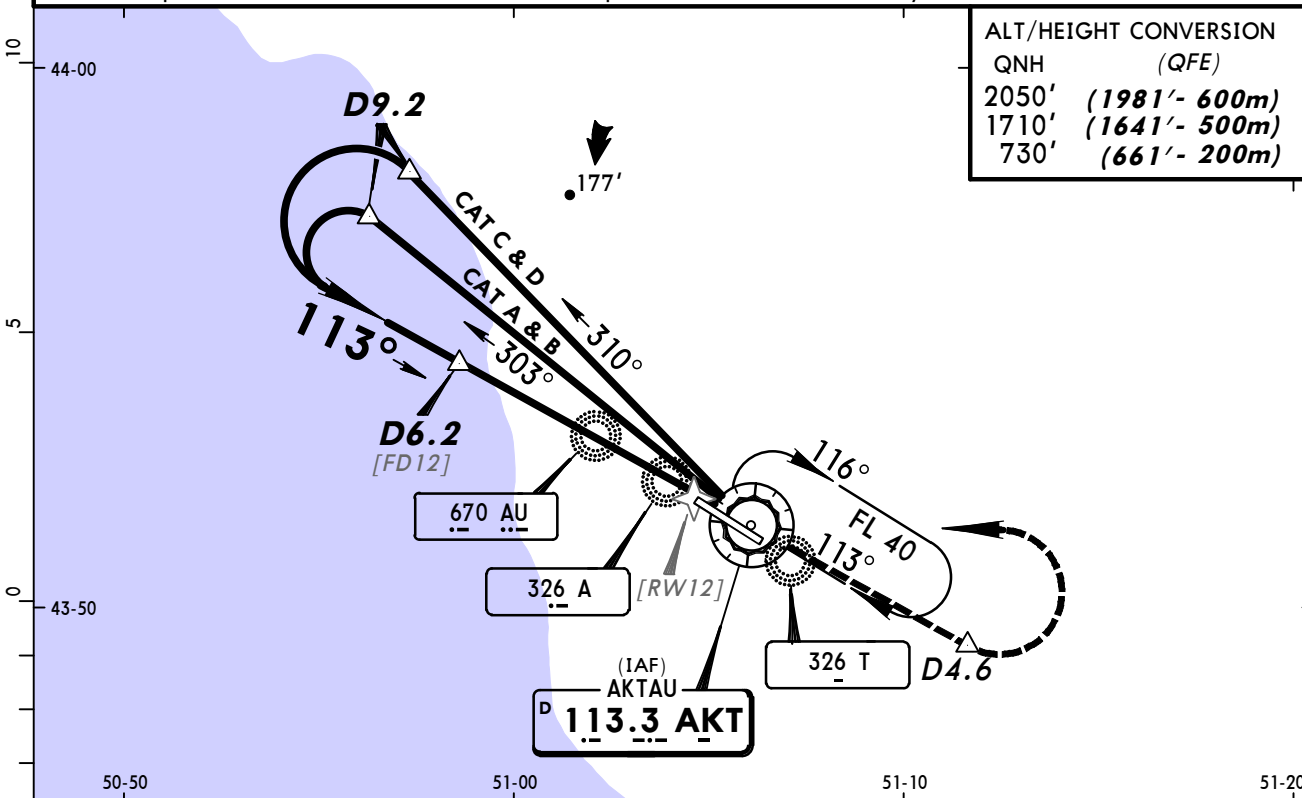


Gnd speed-Kts	70	90	100	120	140	160	710' (658') on 296°
GS	3.00°	372	478	531	637	743	

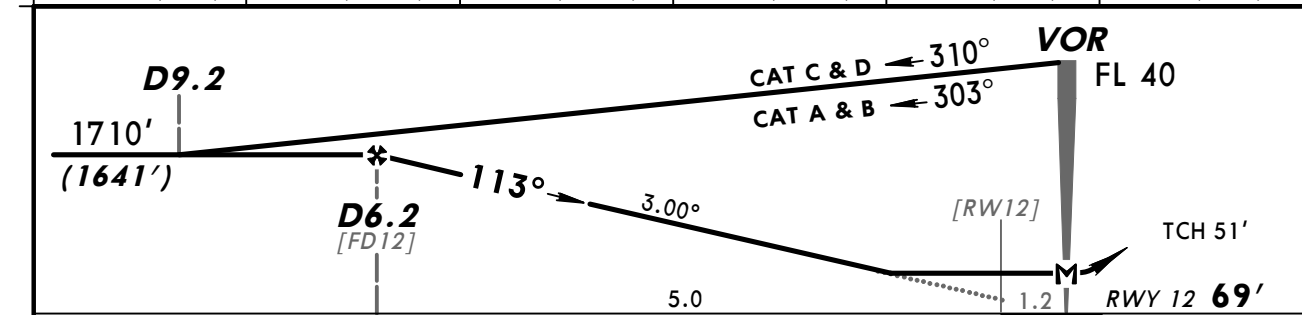
STRAIGHT-IN LANDING RWY 30										
ILS					LOC (GS out)					
DA(H) AB: 265' (213') CD: 282' (230')										
FULL			ALS out							
A	800m			1200m		NOT AUTHORIZED				
B										
C	900m									
D										

BRIEFING STRIP™

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.					



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



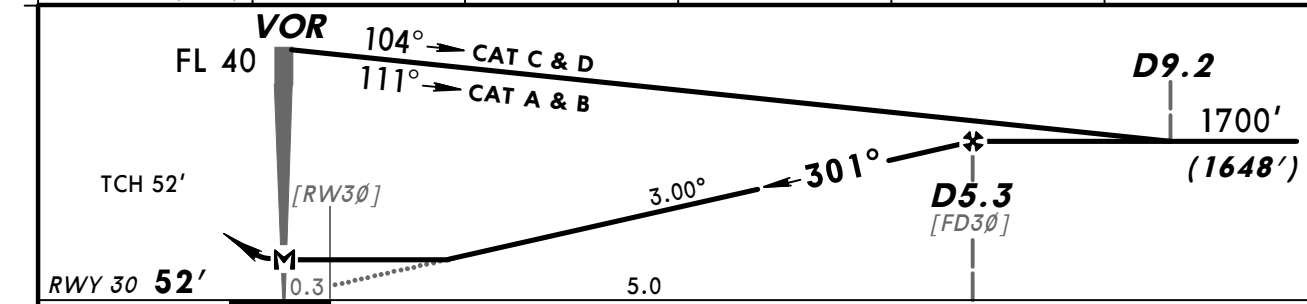
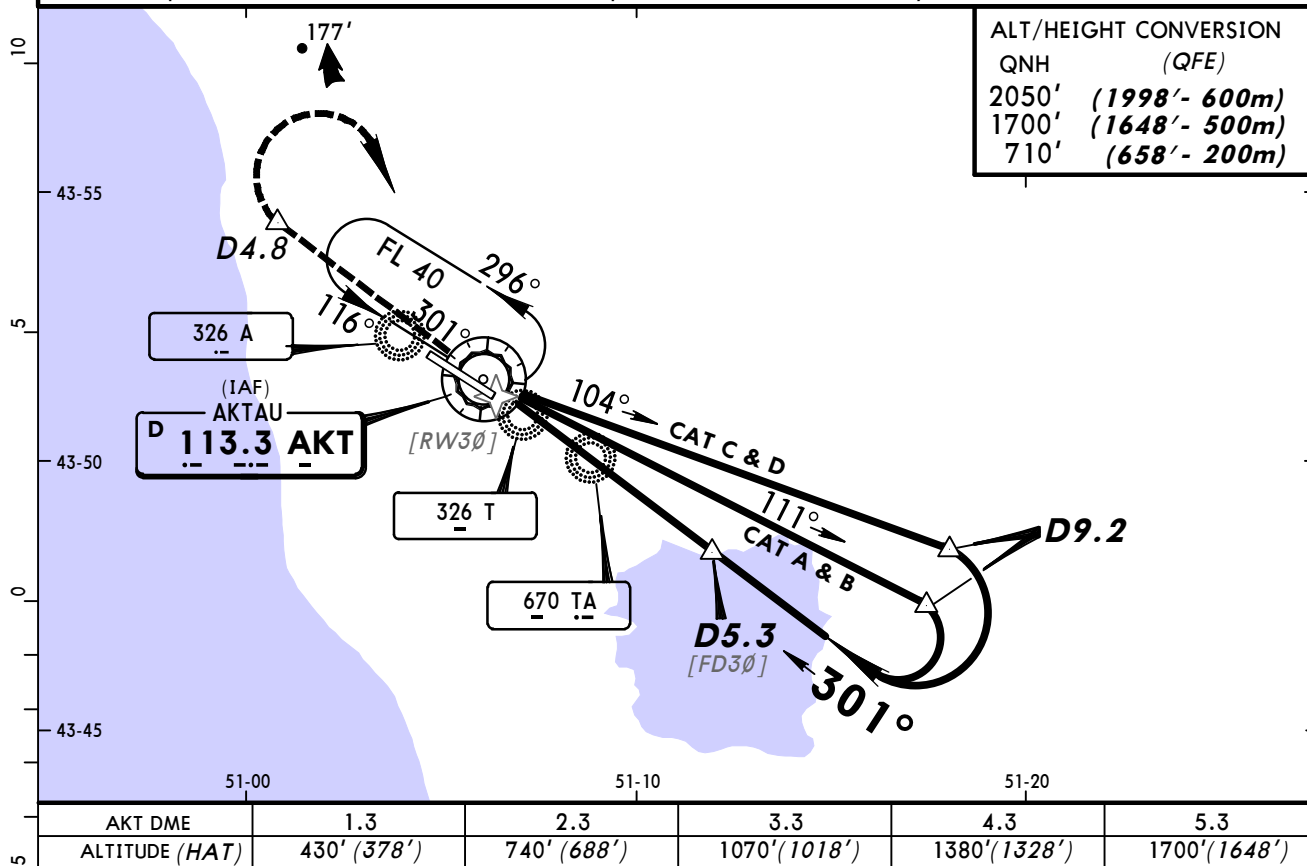
Gnd speed-Kts	70	90	100	120	140	160	ALS 730' (661') or above on 113° D4.6
Descent angle 3.00°	372	478	531	637	743	849	
MAP at VOR							

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

BRIEFING STRIP

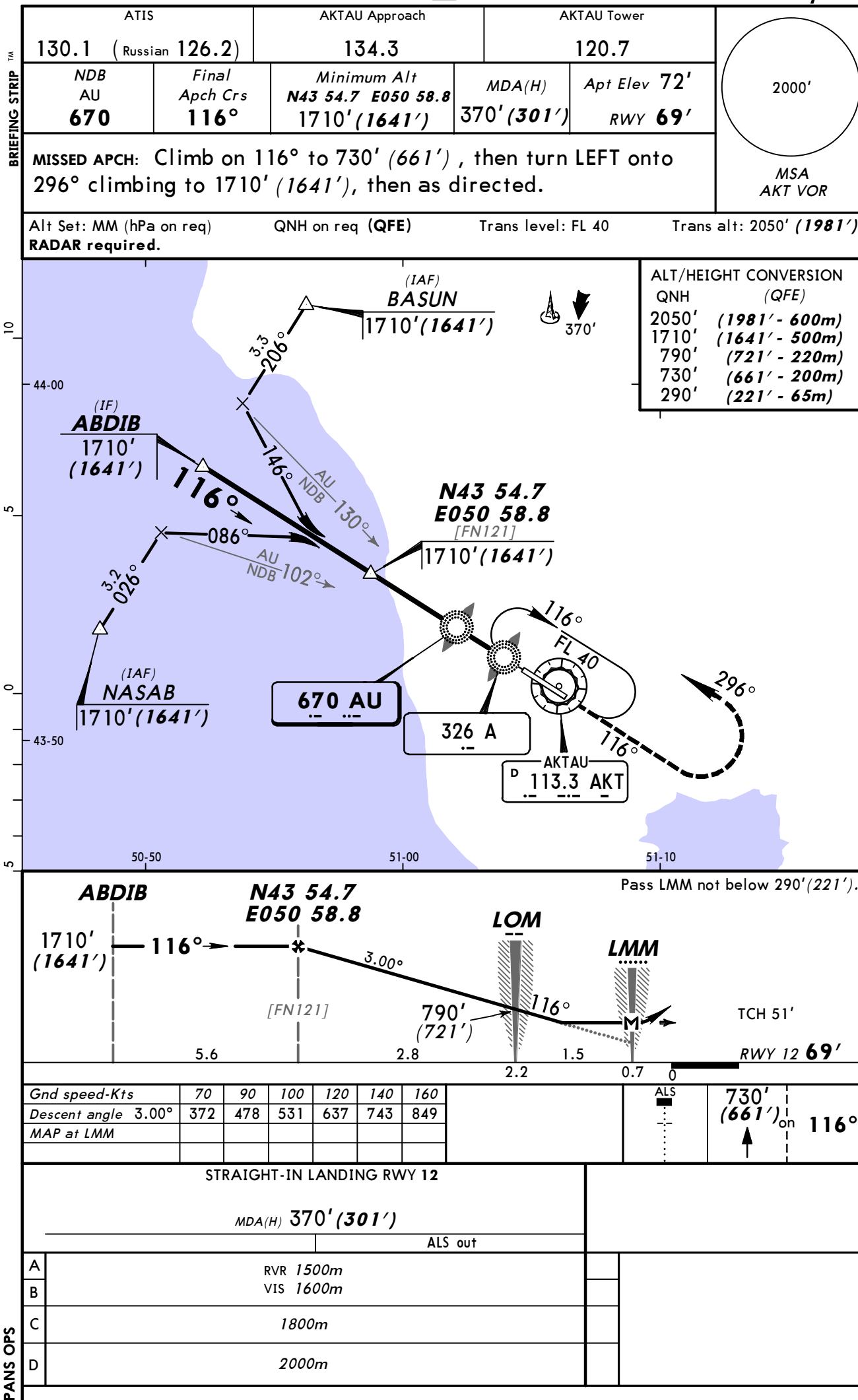
TM

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) 420' (368')	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 40 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 40 Trans alt: 2050' (1998') 1. Initial apch restricted to MAX 195 KT. 2. Final apch track offset 5° from rwy centerline.					



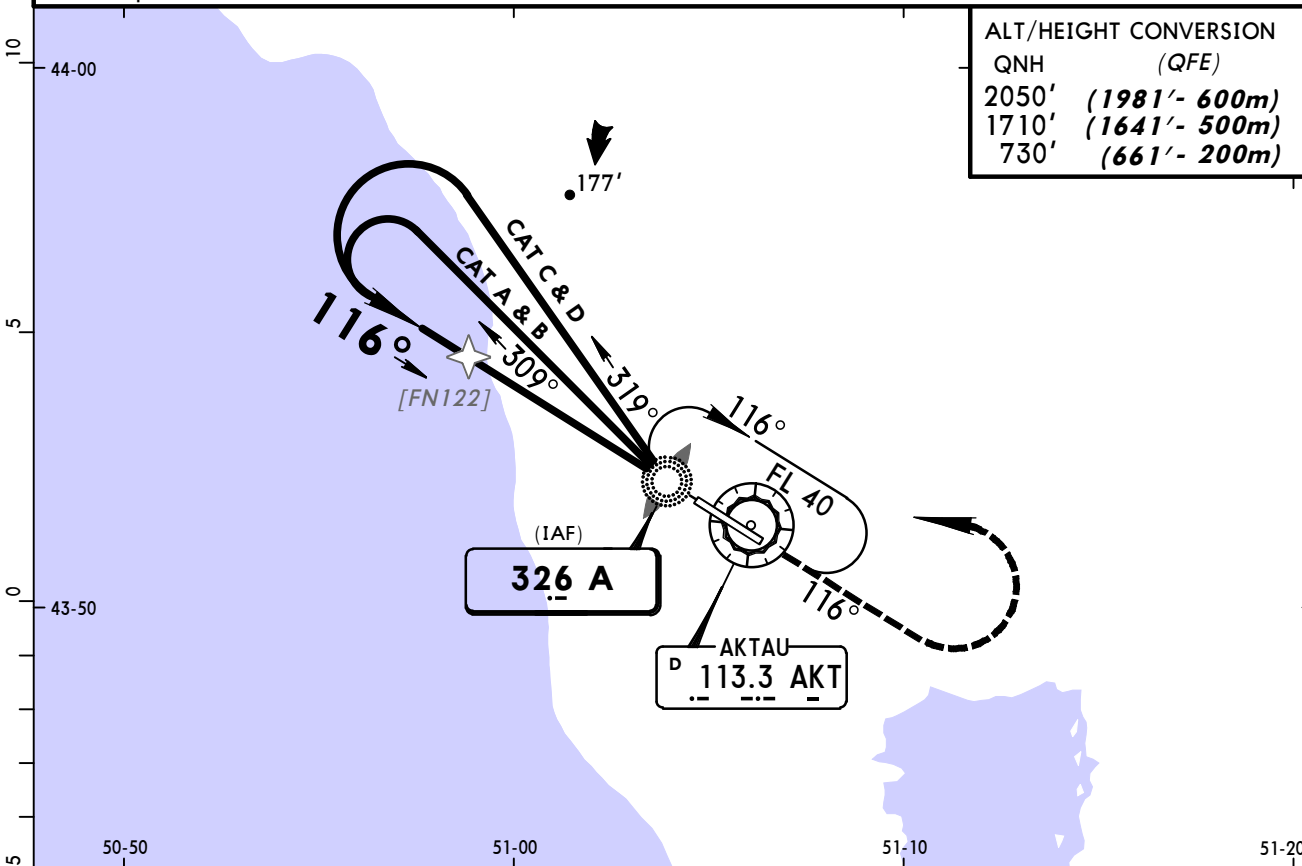
Gnd speed-Kts	70	90	100	120	140	160	ALS	710' (658') or above on 301°	D4.8
Descent angle 3.00°	372	478	531	637	743	849			
MAP at VOR									

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

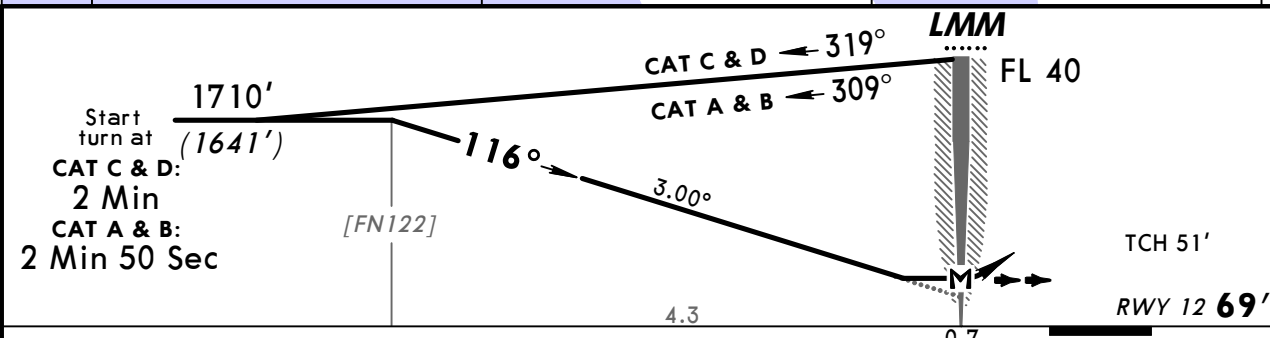


BRIEFING STRIP™

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
-----	----------------------------

STRAIGHT-IN LANDING RWY 12	
MDA(H) 430' (361')	ALS out

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

PANS OPS

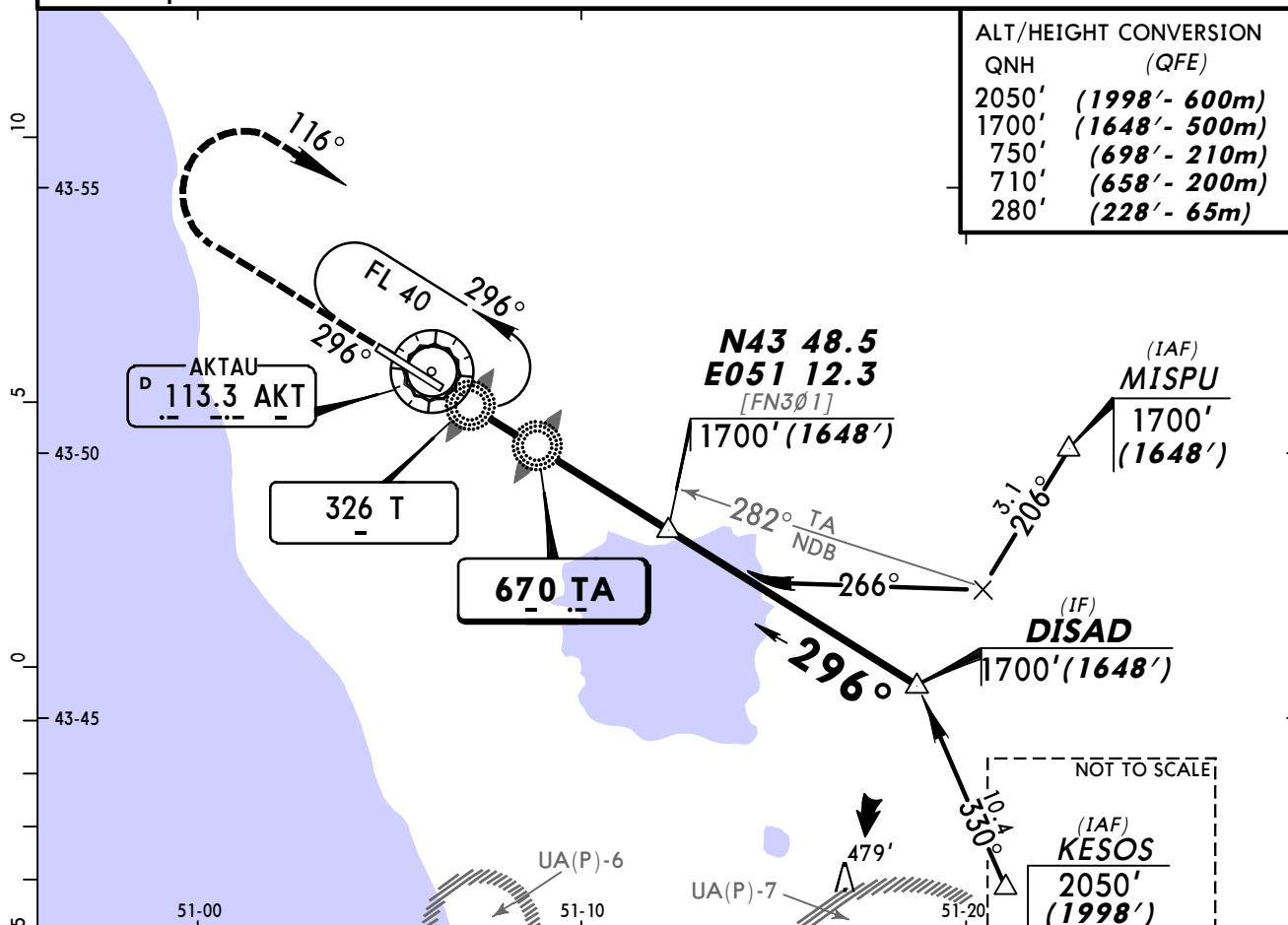
TM

BRIEFING STRIP

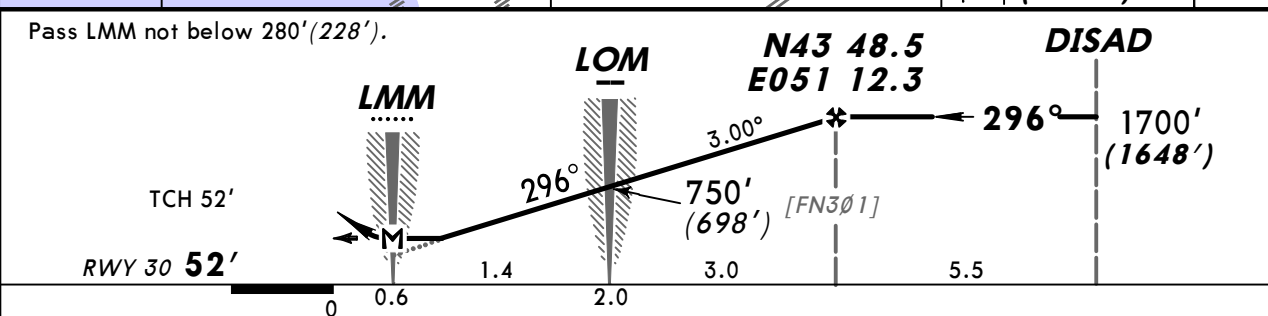
ATIS		AKTAU Approach		AKTAU Tower		2000' MSA AKT VOR
130.1 (Russian 126.2)		134.3		120.7		
NDB TA 670	Final Apch Crs 296°	Minimum Alt N43 48.5 E051 12.3 1700' (1648')	MDA(H) 390' (338')	Apt Elev 72' RWY 52'		
MISSED APCH: Climb on 296° to 710' (658'), then turn RIGHT onto 116° climbing to 1700' (1648'), then as directed.						

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

RADAR required.



Pass LMM not below 280' (228').



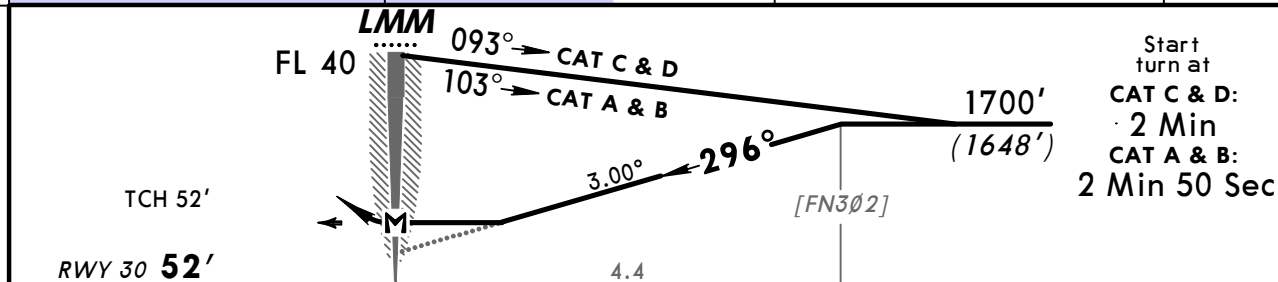
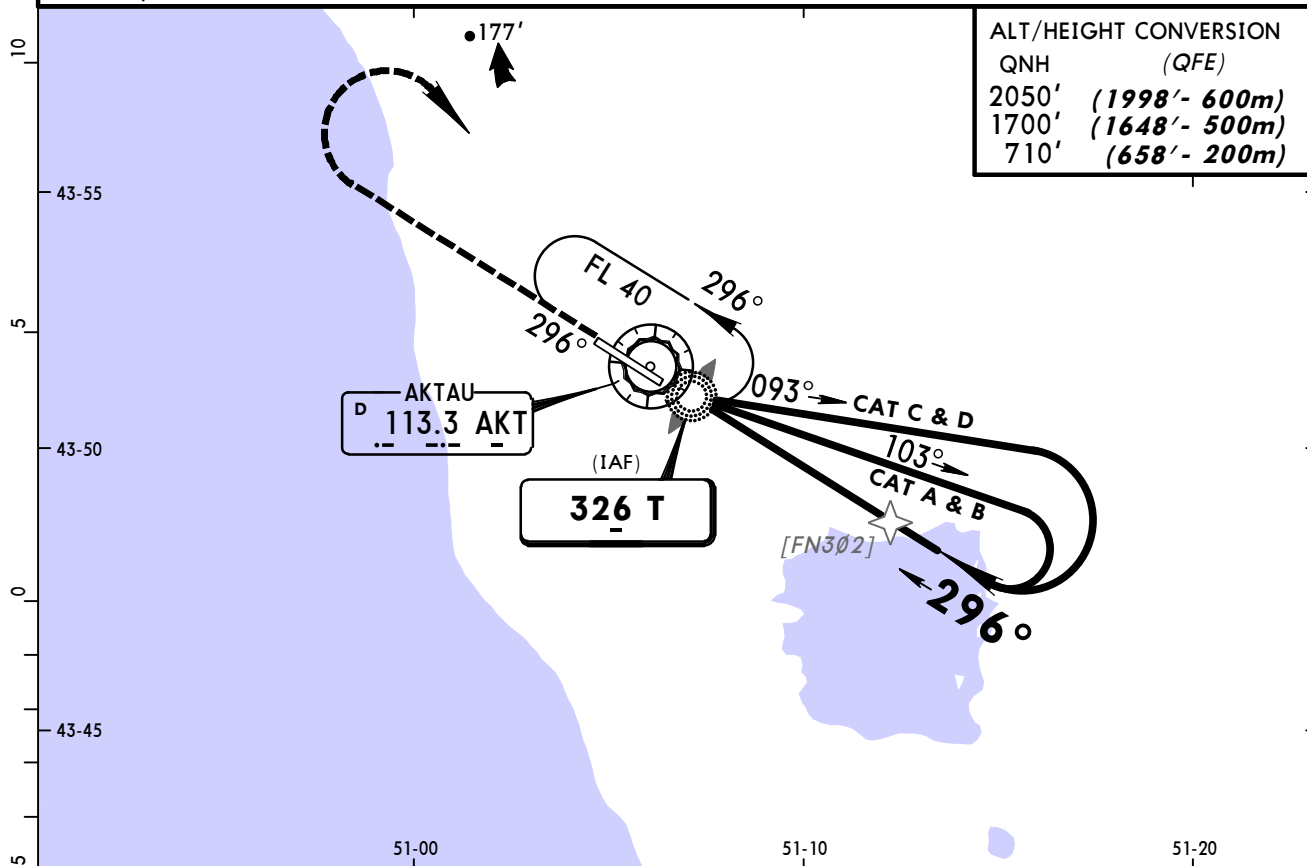
Gnd speed-Kts	70	90	100	120	140	160
Descent angle 3.00°	372	478	531	637	743	849
MAP at LMM						

STRAIGHT-IN LANDING RWY 30	
MDA(H) 390' (338')	ALS out

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

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) Trans level: FL 40 Trans alt: 2050' (1998') Initial apch restricted to MAX 195 KT.					



Gnd speed-Kts	70	90	100	120	140	160	ALS Refer to Missed Apch above
Descent Angle 3.00°	372	478	531	637	743	849	
MAP at LMM							

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

Chart changes since cycle 24-2012

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
AKTAU, (AKTAU - UATE)				
REV	2 NDB RWY 12	16-1	30 Nov 2012	
REV	NDB RWY 12	16-2	30 Nov 2012	
REV	2 NDB RWY 30	16-3	30 Nov 2012	
REV	NDB RWY 30	16-4	30 Nov 2012	

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UATE