

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 22-2010

TERMINAL CHART NOTAMS

Chart NOTAMs for Airport UATG

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

(10-2C, 10-2J) EFF 29 JUL 10 STARs BASPU 2G, GISTO 2G, GOGDI 1G, UDEBA 1G, NIKNA 1G, OLAPU 1G, RENPI 1G and TUGLA 1G withdrawn.

General Info

Atyrau, KAZ

N 47° 07.3' E 51° 49.3' Mag Var: 7.3°E

Elevation: -72'

Public, IFR, Control Tower, Customs

Fuel: Jet, Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+5:00 no DST

Runway Info

Runway 14-32 9843' x 148' asphalt

Runway 14 (142.0°M) TDZE -72'

Lights: Edge, ALS, Centerline, TDZ

Runway 32 (322.0°M) TDZE -72'

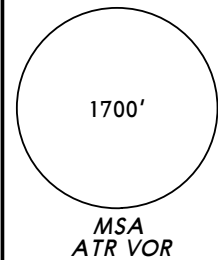
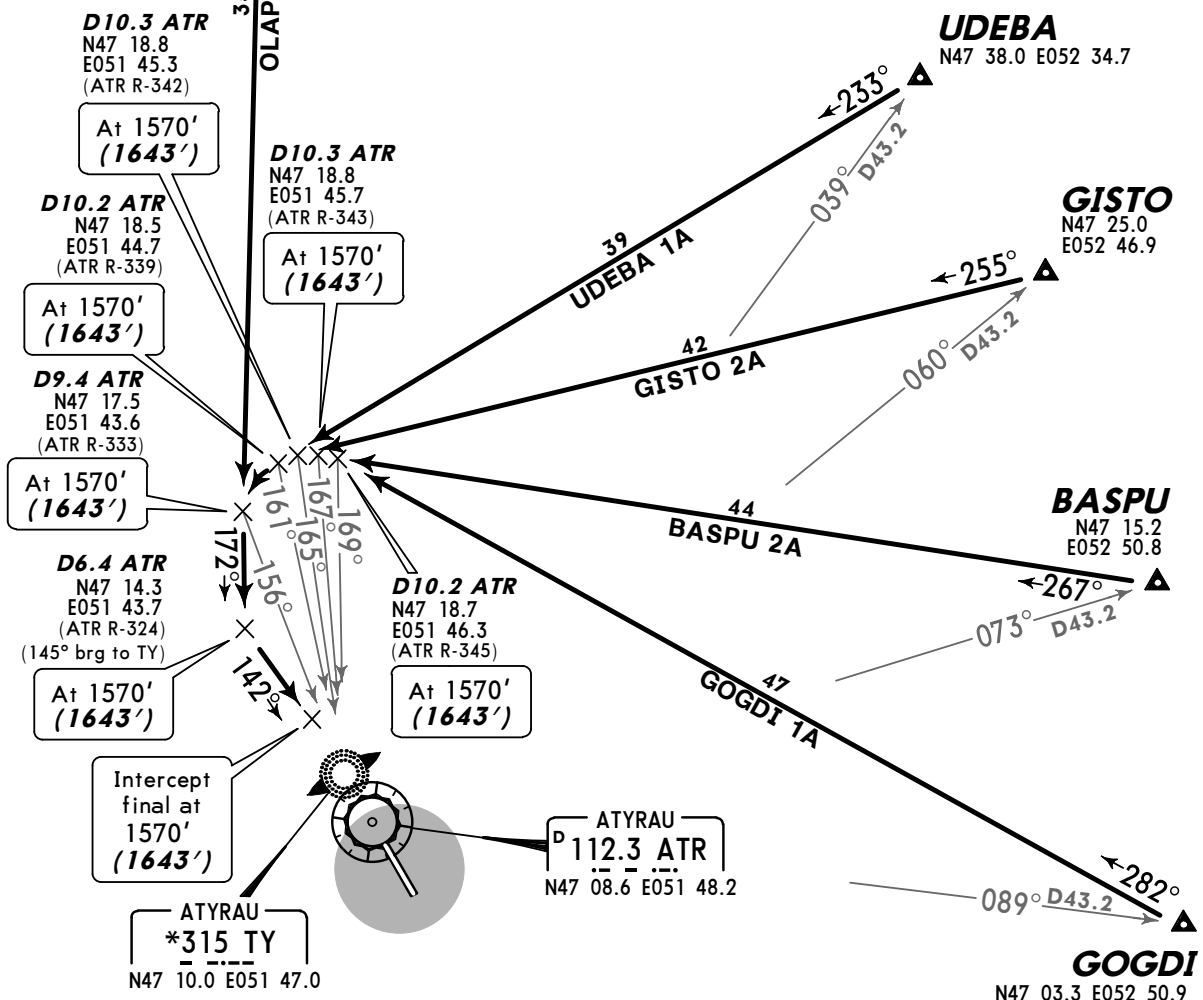
Lights: Edge, ALS, Centerline

Communications InfoATIS **127.4**ATIS **126.6** Non-EnglishAtyrau Tower **118.1**Atyrau Approach Control **123.7****Notebook Info**

UATG/GUW
ATYRAU**JEPPesen**
6 NOV 09 **10-2** **Eff 19 Nov****ATYRAU, KAZAKHSTAN****STAR***ATIS
127.4Apt Elev
-72'Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 1570' (1643')
FL by ATC.

(QFE)

**BASPU 2A [BASP2A], GISTO 2A [GIST2A]
GOGDI 1A [GOGD1A], OLAPU 1A [OLAP1A]
UDEBA 1A [UDEB1A]
RWY 14 ARRIVALS
FROM NORTH & EAST
FOR STARS WITHOUT RADAR CONTROL
REFER TO CHART 10-2A**

**OLAPU**
N47 51.8 E051 45.5FL CONVERSION
FL39 **FL 1200m**ALT/HEIGHT CONVERSION
QNH (QFE)
1570' (1643' - 500m)

UATG/GUW
ATYRAU

JEPPESSEN
6 NOV 09 **(10-2A)** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN

STAR

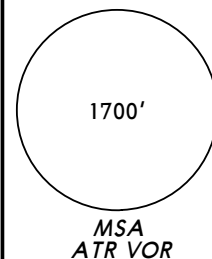
*ATIS
127.4

Apt Elev
-72'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 1570' **(1643')**
FL by ATC.

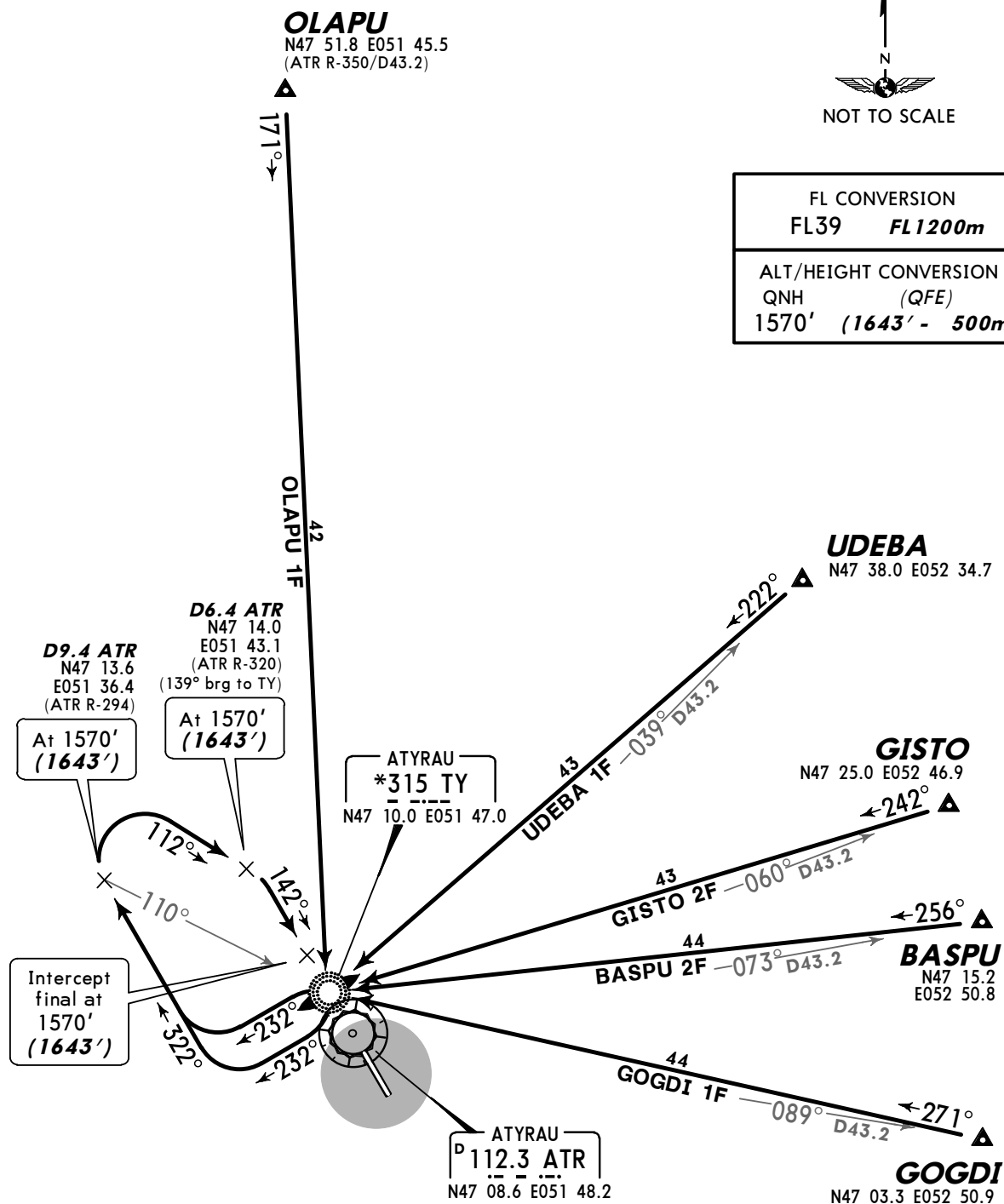
(QFE)

**BASPU 2F [BASP2F] , GISTO 2F [GIST2F]
GOGDI 1F [GOGD1F] , OLAPU 1F [OLAP1F]
UDEBA 1F [UDEB1F]
RWY 14 ARRIVALS
FROM NORTH & EAST
WITHOUT RADAR CONTROL**



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
1570' **(1643' - 500m)**



UATG/GUW
ATYRAU

JEPPESSEN
 6 NOV 09 **(10-2B)** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN

STAR

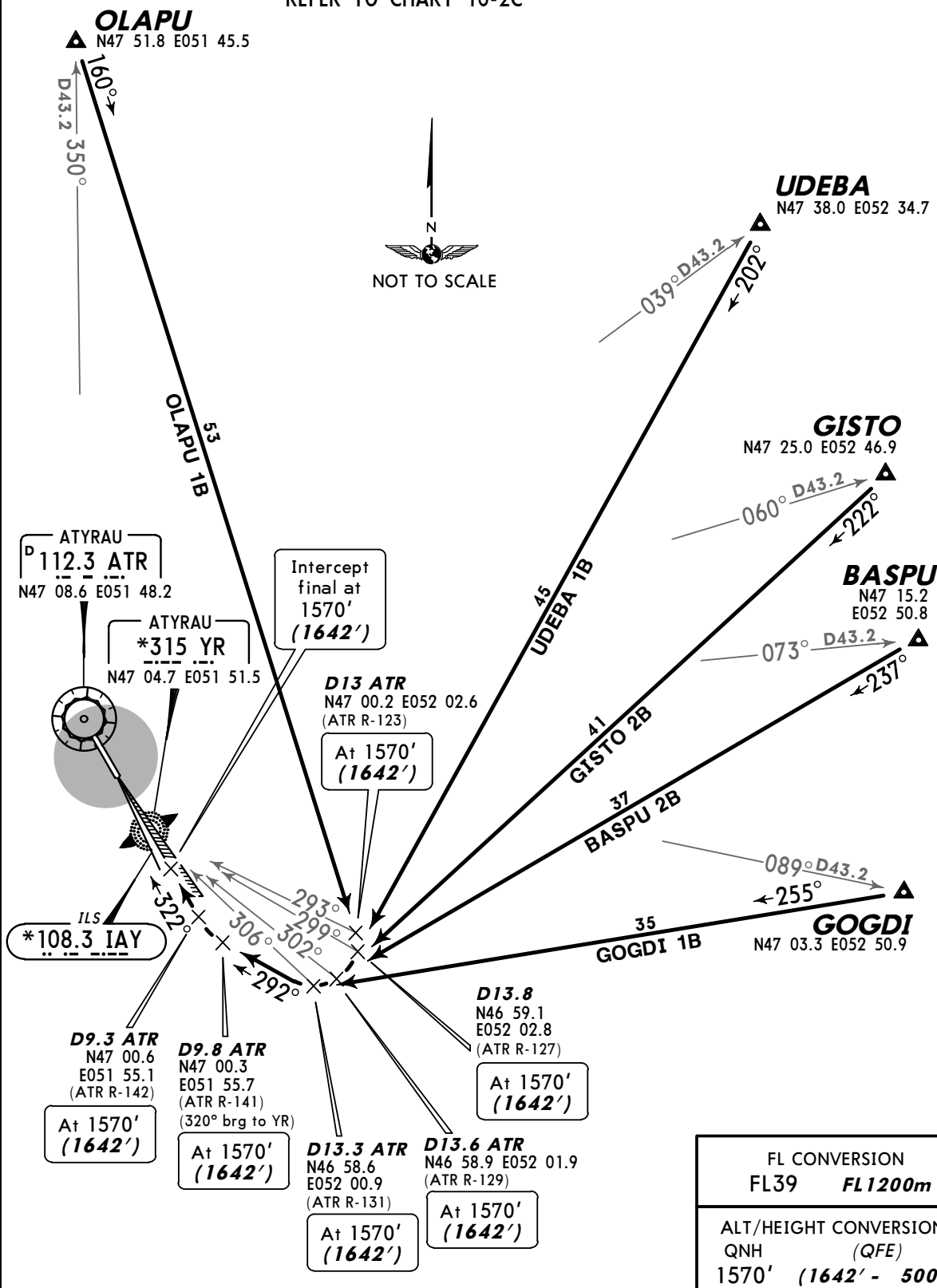
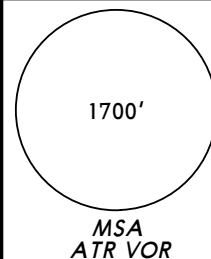
*ATIS
 127.4

Apt Elev
 -72'

Alt Set: MM (hPa on request) QNH on request
 Trans level: FL39 Trans alt: 1570' (1642')
 FL by ATC.

(QFE)

**BASPU 2B [BASP2B], GISTO 2B [GIST2B]
 GOGDI 1B [GOGD1B], OLAPU 1B [OLAP1B]
 UDEBA 1B [UDEB1B]
 RWY 32 ARRIVALS
 FROM NORTH & EAST
 FOR STARS WITHOUT RADAR CONTROL
 REFER TO CHART 10-2C**



UATG/GUW
ATYRAU

JEPPESSEN
6 NOV 09 **(10-2C)** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN

STAR

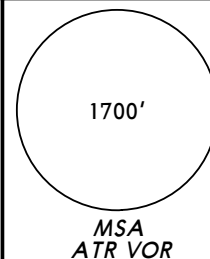
*ATIS
127.4

Apt Elev
-72'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 1570' (1642')
FL by ATC.

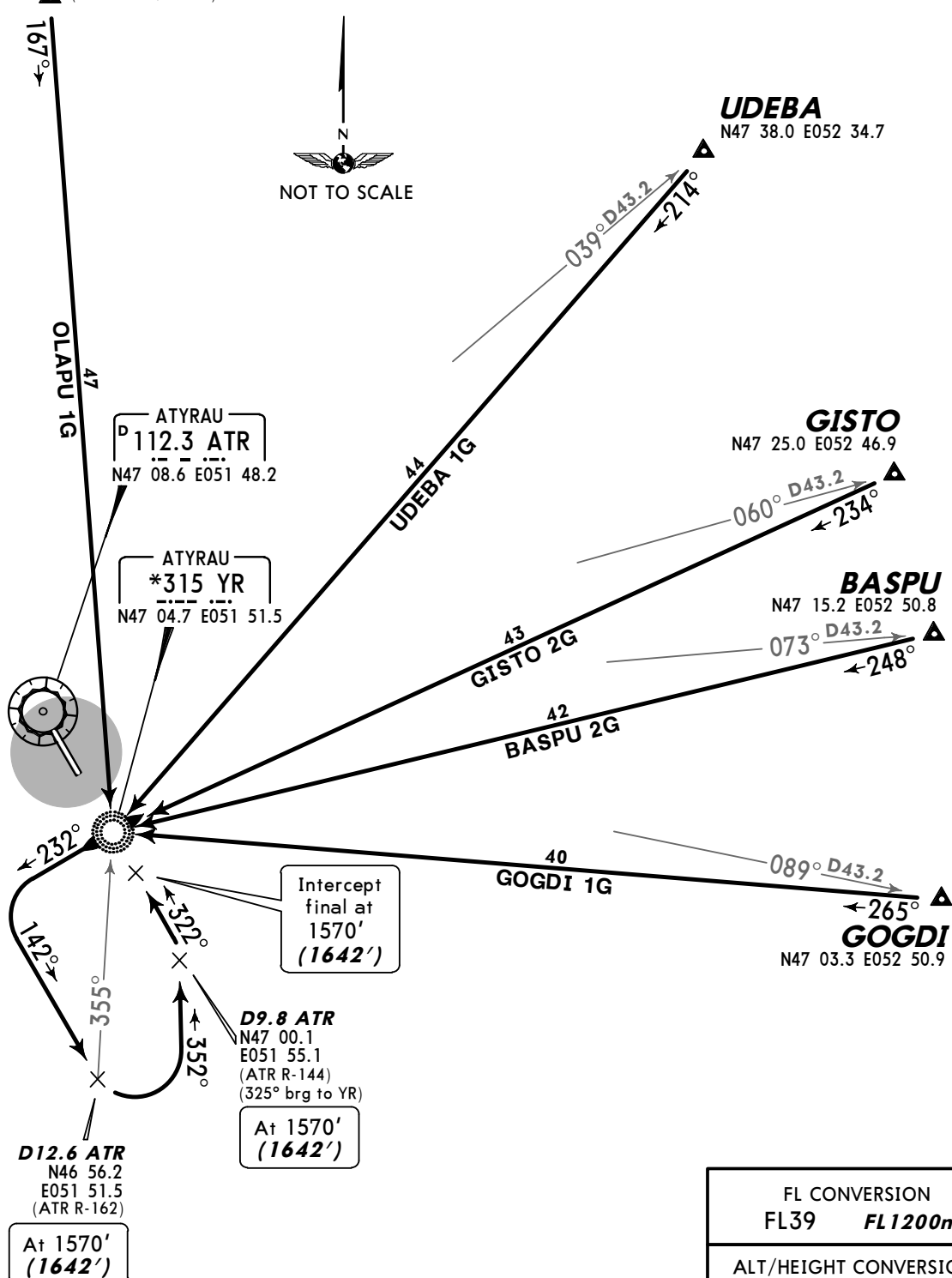
(QFE)

**BASPU 2G [BASP2G], GISTO 2G [GIST2G]
GOGDI 1G [GOGD1G], OLAPU 1G [OLAP1G]
UDEBA 1G [UDEB1G]
RWY 32 ARRIVALS
FROM NORTH & EAST
WITHOUT RADAR CONTROL**



OLAPU

N47 51.8 E051 45.5
(ATR R-350/D43.2)



FL CONVERSION
FL39 **FL1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
1570' (1642' - 500m)

UATG/GUW
ATYRAU

JEPPESEN **ATYRAU, KAZAKHSTAN**
 6 NOV 09 **(10-2D)** **Eff 19 Nov**

STAR

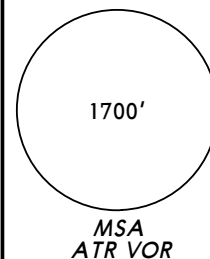
*ATIS
 127.4

Apt Elev
 -72'

Alt Set: MM (hPa on request) QNH on request
 Trans level: FL39 Trans alt: 1570' (1643')
 FL by ATC.

(QFE)

BASPU 2L [BASP2L], GISTO 2L [GIST2L]
GOGDI 1L [GOGD1L], OLAPU 1L [OLAP1L]
UDEBA 1L [UDEB1L]
RWY 14 ARRIVALS
FROM NORTH & EAST



OLAPU

N47 51.8 E051 45.5



FL CONVERSION
 FL39 **FL1200m**

ALT/HEIGHT CONVERSION
 QNH (QFE)
 1570' (1643' - 500m)

UDEBA

N47 38.0 E052 34.7



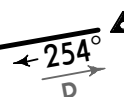
GISTO

N47 25.0 E052 46.9



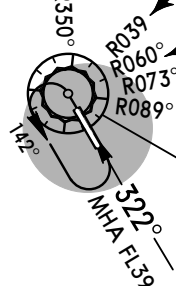
BASPU

N47 15.2 E052 50.8



GOGDI

N47 03.3 E052 50.9



UATG/GUW
ATYRAU

JEPPESEN 6 NOV 09 **10-2E** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN

STAR

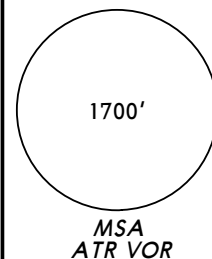
*ATIS
127.4

Apt Elev
-72'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 1570' (1642')
FL by ATC.

(QFE)

BASPU 2M [BASP2M], GISTO 2M [GIST2M]
GOGDI 1M [GOGD1M], OLAPU 1M [OLAP1M]
UDEBA 1M [UDEB1M]
RWY 32 ARRIVALS
FROM NORTH & EAST



OLAPU

N47 51.8 E051 45.5



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
1570' (1642' - 500m)

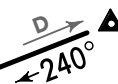


UDEBA

N47 38.0 E052 34.7

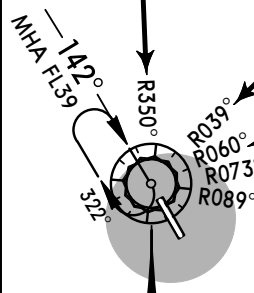
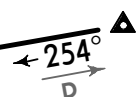


GISTO
N47 25.0 E052 46.9



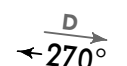
BASPU

N47 15.2 E052 50.8



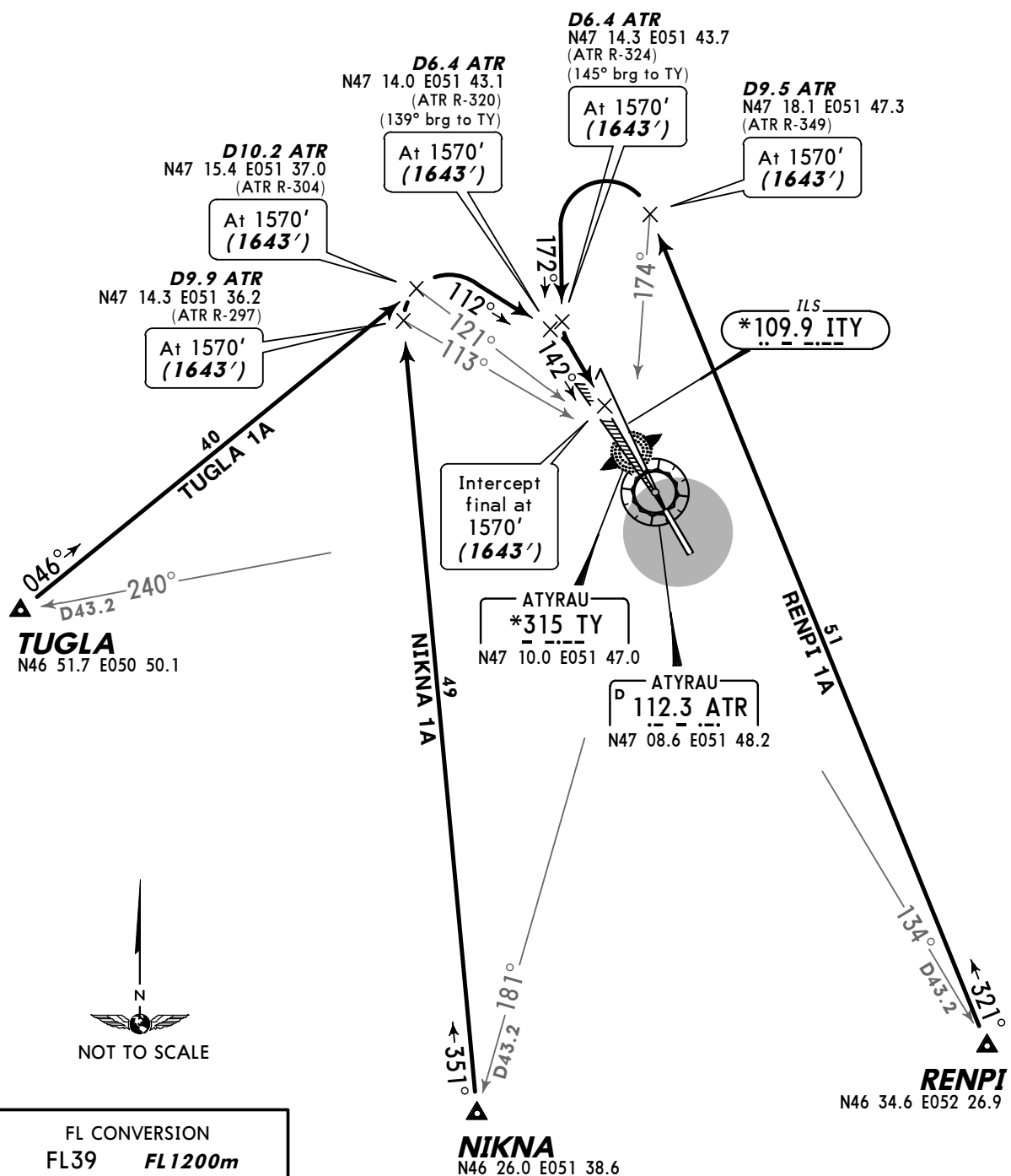
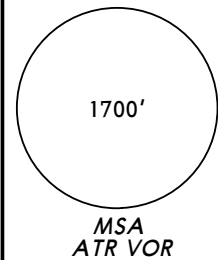
(IAF)
ATYRAU
D 112.3 ATR
N47 08.6 E051 48.2
A+ FL39

GOGDI
N47 03.3 E052 50.9



UATG/GUW
ATYRAU**JEPPESSEN**
6 NOV 09 **10-2F** **Eff 19 Nov****ATYRAU, KAZAKHSTAN****STAR***ATIS
127.4Apt Elev
-72'Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 1570' **(1643')**
FL by ATC.**(QFE)**

NIKNA 1A [NIKN1A]
RENPI 1A [RENP1A], TUGLA 1A [TUGL1A]
RWY 14 ARRIVALS
 FROM SOUTH & WEST
 FOR STARS WITHOUT RADAR CONTROL
 REFER TO CHART 10-2G

FL CONVERSION
FL39 **FL1200m**ALT/HEIGHT CONVERSION
QNH (QFE)
1570' **(1643' - 500m)**

UATG/GUW
ATYRAU

JEPPESSEN
6 NOV 09 **(10-2G)** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN

STAR

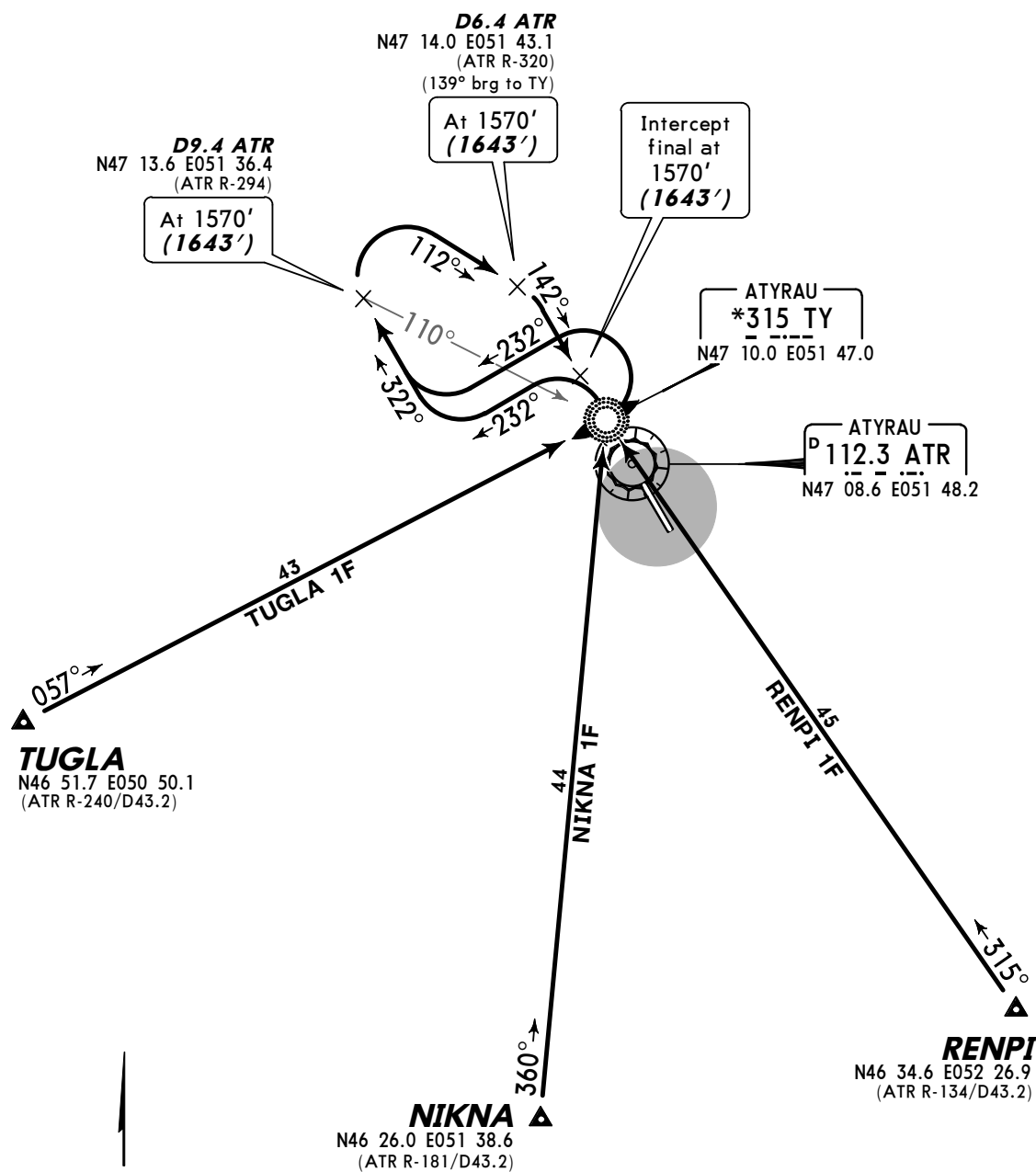
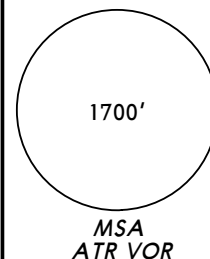
*ATIS
127.4

Apt Elev
-72'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 1570' **(1643')**
FL by ATC.

(QFE)

NIKNA 1F [NIKN1F]
RENPI 1F [RENP1F], TUGLA 1F [TUGL1F]
RWY 14 ARRIVALS
FROM SOUTH & WEST
WITHOUT RADAR CONTROL



NOT TO SCALE

FL CONVERSION
FL39 **FL1200m**

ALT/HEIGHT CONVERSION
QNH **(QFE)**
1570' **(1643' - 500m)**

UATG/GUW
ATYRAU

JEPPESEN
6 NOV 09 (10-2H) Ef

ATYRAU, KAZAKHSTAN

STAR

***ATIS**
127.4

Apt Elev
-72'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 1570' (1642')
FL by ATC.

(QFE)

NIKNA 1B [NIKN1B]
RENPI 1B [RENP1B], TUGLA 1B [TUGL1B]
RWY 32 ARRIVALS
FROM SOUTH & WEST
FOR STARS WITHOUT RADAR CONTROL
REFER TO CHART 10-2J

1700'
MSA ATR VOR

D9.3 ATR
N47 00.6 E051 55.1
(ATR R-142)
At 1570' (1642')

D9.8 ATR
N47 00.3 E051 55.7
(ATR R-141)
(320° brg to YR)
At 1570' (1642')

D13.6 ATR
N46 56.4 E051 55.0
(ATR R-151)
At 1570' (1642')

D13.6 ATR
N46 55.6 E051 53.3
(ATR R-157)
At 1570' (1642')

D9.8 ATR
N47 00.1 E051 55.1
(ATR R-144)
(325° brg to YR)
At 1570' (1642')

Intercept final at 1570' (1642')

ATYRAU
N47 08.6 E051 48.2
***315 YR**
N47 04.7 E051 51.5
***108.3 IAY**

TUGLA 1B
N46 51.7 E050 50.1
TUGLA
N46 51.7 E050 50.1

NIKNA 1B
N46 26.0 E051 38.6
NIKNA
N46 26.0 E051 38.6

RENPI 1B
N46 34.6 E052 26.9
(ATR R-134/D43.2)
RENPI
N46 34.6 E052 26.9

FL CONVERSION
FL39 FL1200m

ALT/HEIGHT CONVERSION
QNH (QFE)
1570' (1642' - 500m)

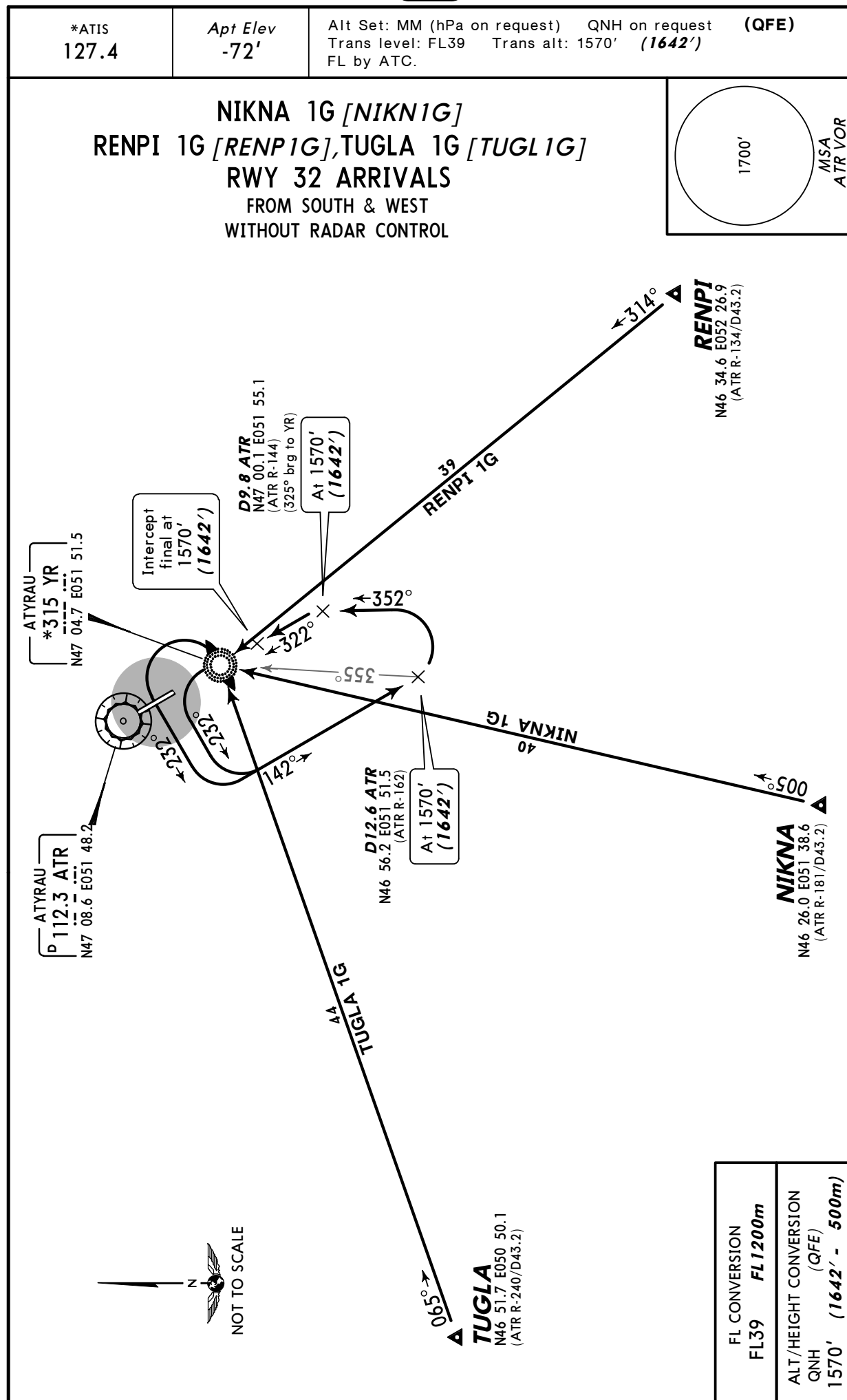
NOT TO SCALE

UATG/GUW
ATYRAU

JEPPESEN
6 NOV 09 **(10-2J)** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN

STAR



UATG/GUW
ATYRAU

JEPPESEN
6 NOV 09 **10-2K** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN

STAR

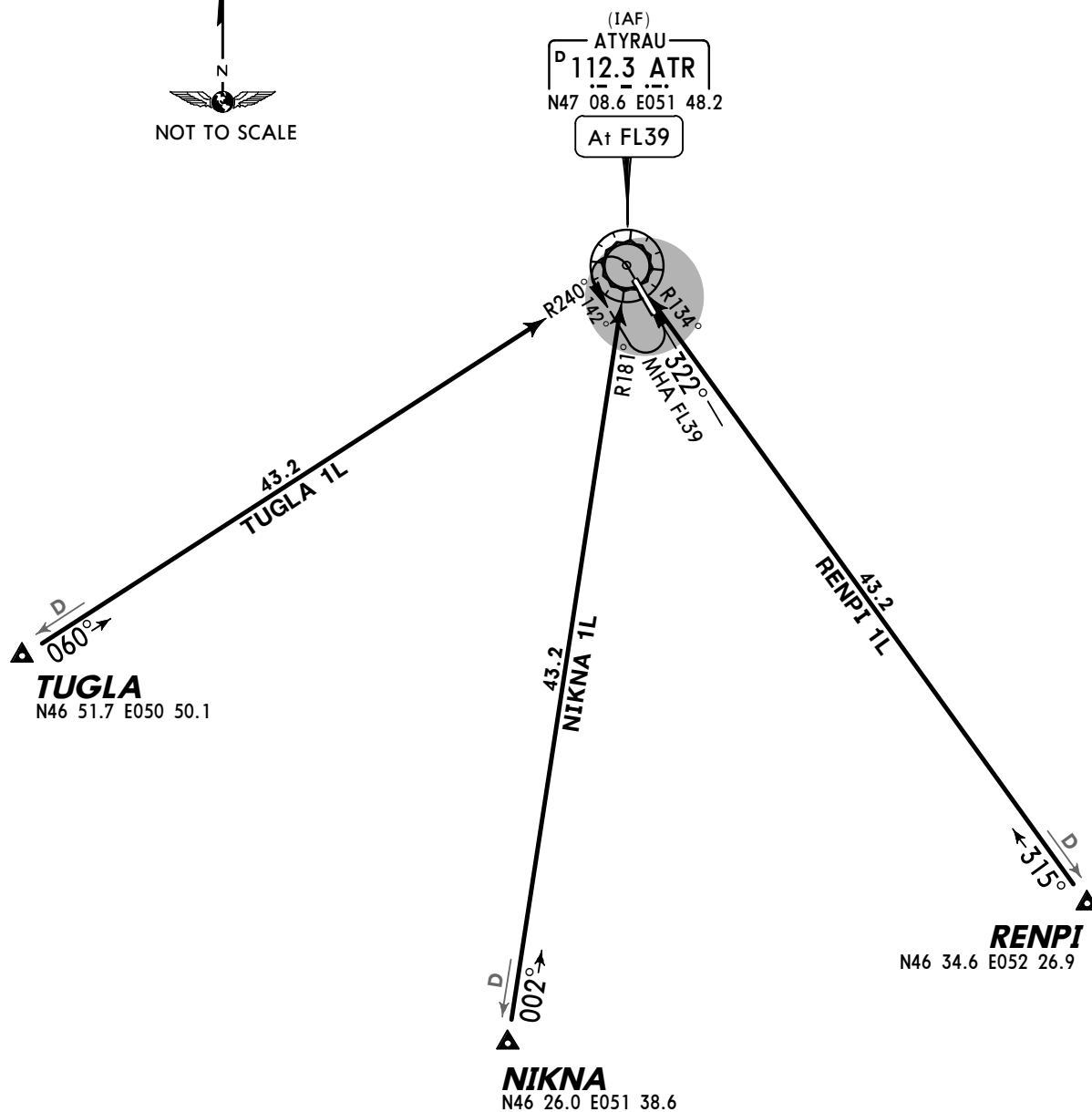
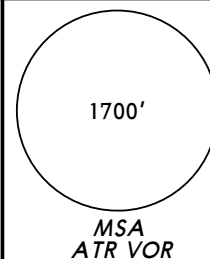
*ATIS
127.4

Apt Elev
-72'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 1570' **(1643')**
FL by ATC.

(QFE)

NIKNA 1L [NIKN1L], RENPI 1L [RENP1L]
TUGLA 1L [TUGL1L]
RWY 14 ARRIVALS
FROM SOUTH & WEST



FL CONVERSION
FL39 **FL1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
1570' **(1643' - 500m)**

UATG/GUW
ATYRAU

JEPPESEN
6 NOV 09 **10-2L** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN

STAR

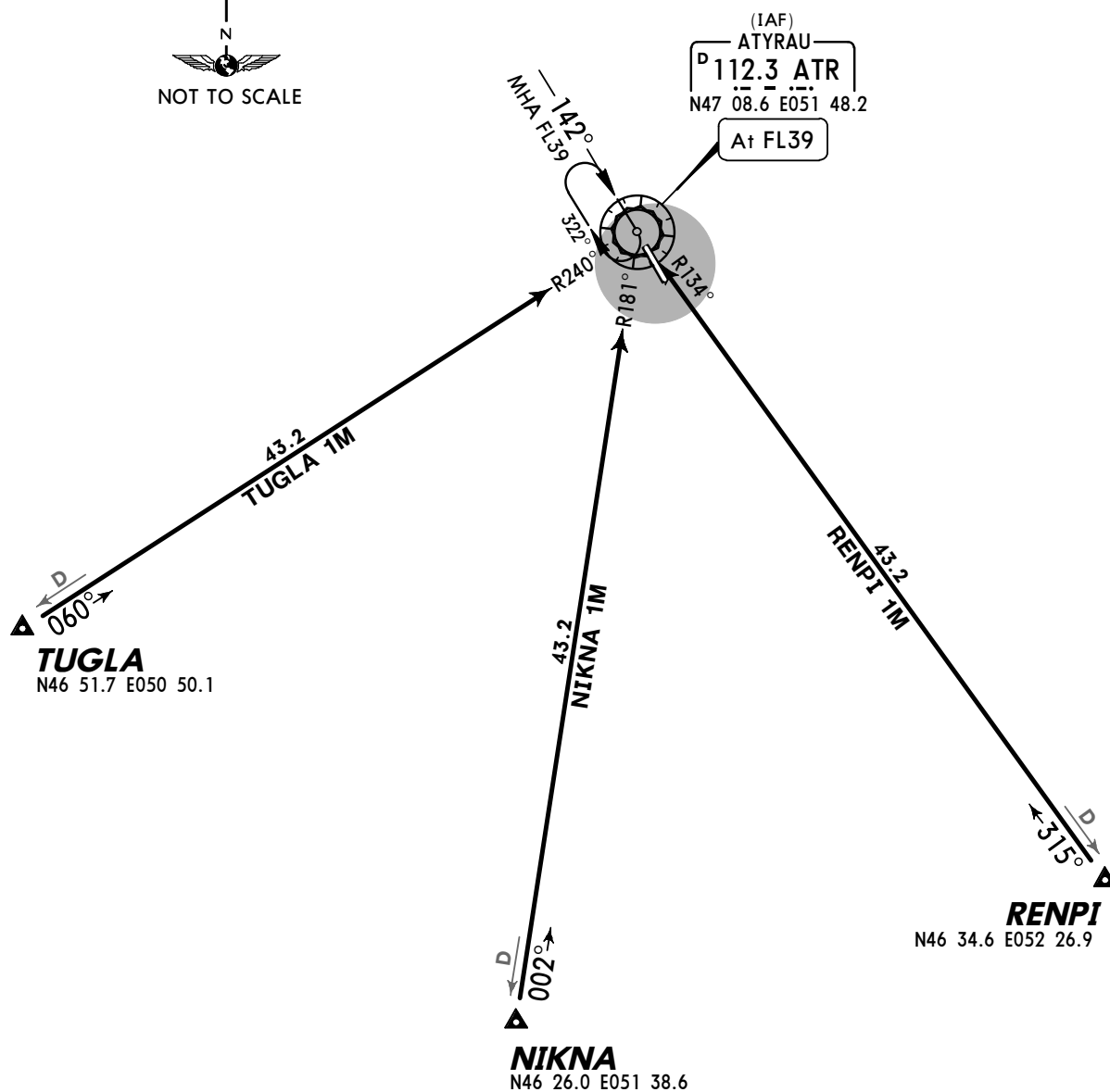
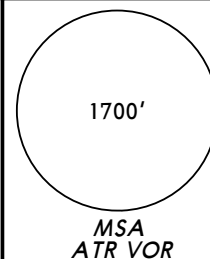
*ATIS
127.4

Apt Elev
-72'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 1570' (**1642'**)
FL by ATC.

(QFE)

NIKNA 1M [NIKN1M], RENPI 1M [RENP1M]
TUGLA 1M [TUGL1M]
RWY 32 ARRIVALS
FROM SOUTH & WEST



FL CONVERSION
FL39 **FL1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
1570' (**1642' - 500m**)

UATG/GUW
ATYRAU

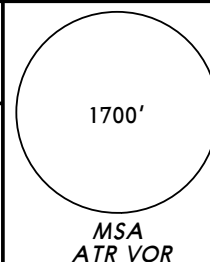
JEPPESEN
6 NOV 09 **10-3** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN

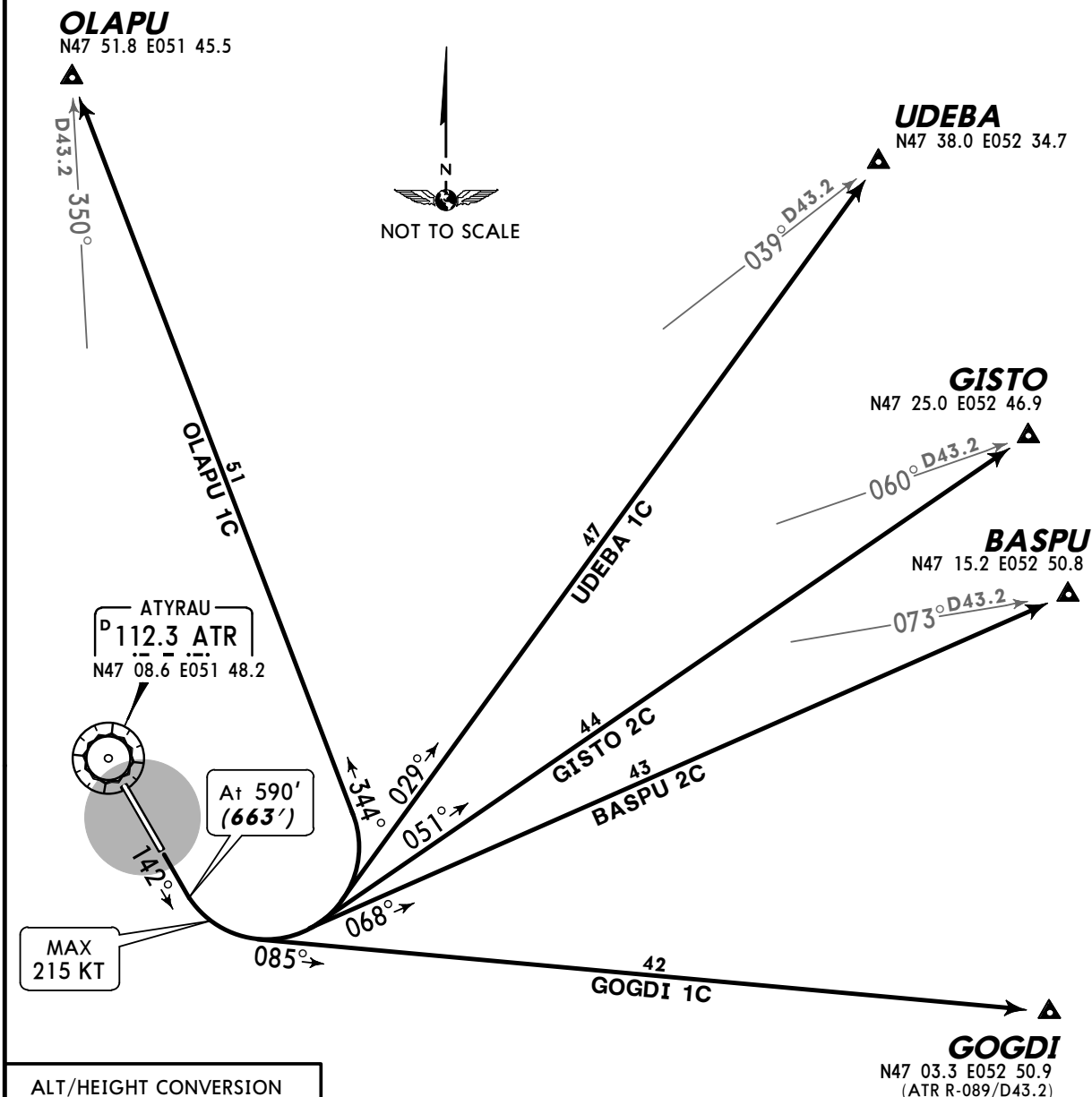
SID

Apt Elev
-72'

QNH on request (QFE)
Trans level: FL39 Trans alt: 1570' (1643')
FL by ATC.



BASPU 2C [BASP2C], GISTO 2C [GIST2C]
GOGDI 1C [GOGD1C], OLAPU 1C [OLAP1C]
UDEBA 1C [UDEB1C]
RWY 14 DEPARTURES
TO NORTH & EAST



ALT/HEIGHT CONVERSION
QNH (QFE)
590' (663' - 200m)
1570' (1643' - 500m)

FL CONVERSION
FL39 **FL1200m**

SID	ROUTING
BASPU 2C	Climb straight ahead to 590' (663'), turn LEFT, 068° track to BASPU.
GISTO 2C	Climb straight ahead to 590' (663'), turn LEFT, 051° track to GISTO.
GOGDI 1C	Climb straight ahead to 590' (663'), turn LEFT, 085° track to GOGDI.
OLAPU 1C	Climb straight ahead to 590' (663'), turn LEFT, 344° track to OLAPU.
UDEBA 1C	Climb straight ahead to 590' (663'), turn LEFT, 029° track to UDEBA.

UATG/GUW
ATYRAU

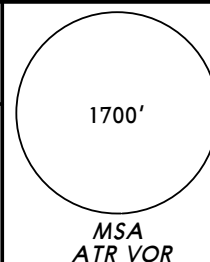
JEPPESEN
6 NOV 09 **(10-3A)** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN

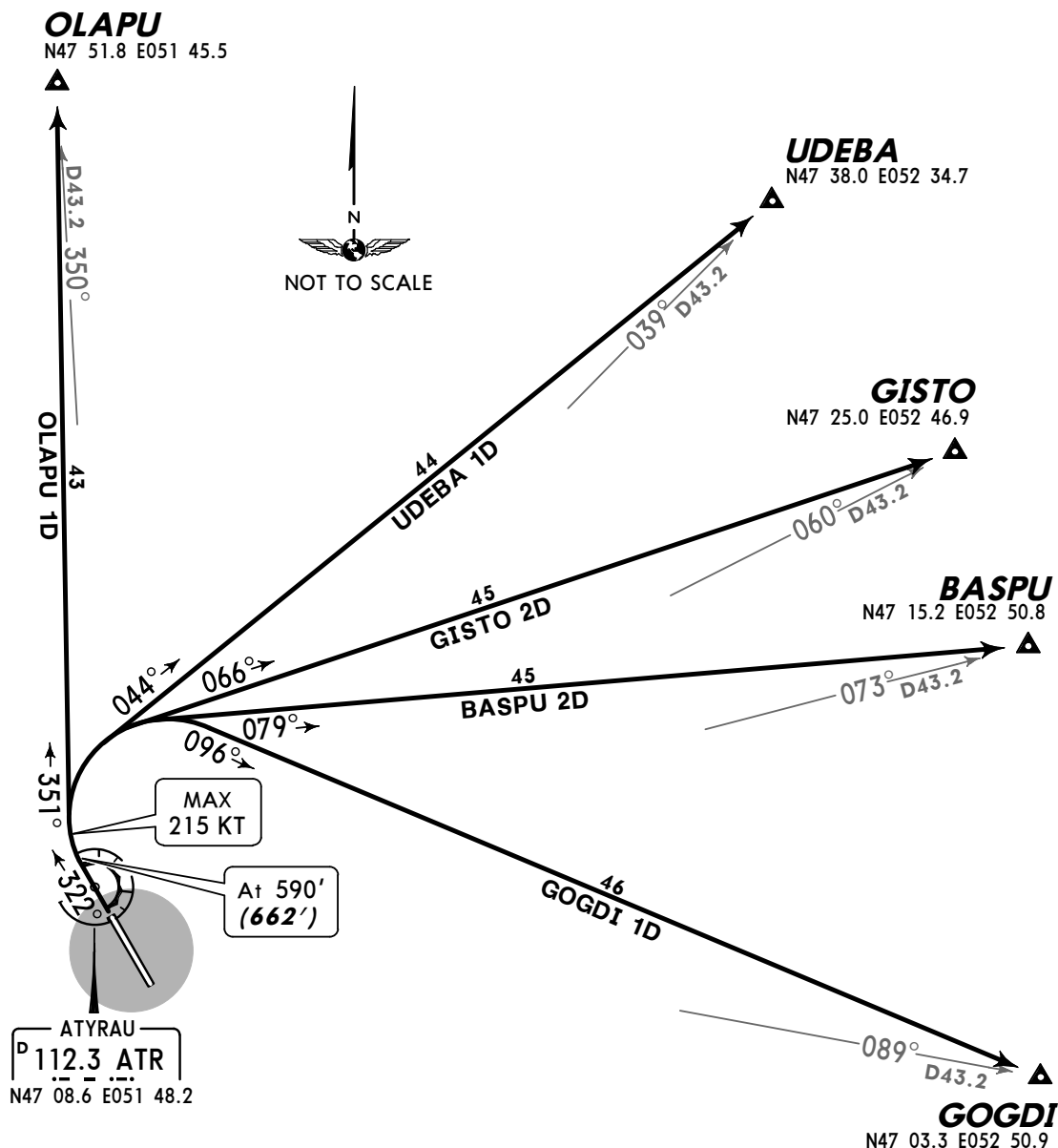
SID

Apt Elev
-72'

QNH on request **(QFE)**
Trans level: FL39 Trans alt: 1570' **(1642')**
FL by ATC.



BASPU 2D [BASP2D], GISTO 2D [GIST2D]
GOGDI 1D [GOGD1D], OLAPU 1D [OLAP1D]
UDEBA 1D [UDEB1D]
RWY 32 DEPARTURES
TO NORTH & EAST



ALT/HEIGHT CONVERSION
QNH **(QFE)**
590' **(662' - 200m)**
1570' **(1642' - 500m)**

FL CONVERSION
FL39 **FL1200m**

SID	ROUTING
BASPU 2D	Climb straight ahead to 590' (662') , turn RIGHT, 079° track to BASPU.
GISTO 2D	Climb straight ahead to 590' (662') , turn RIGHT, 066° track to GISTO.
GOGDI 1D	Climb straight ahead to 590' (662') , turn RIGHT, 096° track to GOGDI.
OLAPU 1D	Climb straight ahead to 590' (662') , turn RIGHT, 351° track to OLAPU.
UDEBA 1D	Climb straight ahead to 590' (662') , turn RIGHT, 044° track to UDEBA.

UATG/GUW
ATYRAU

JEPPESEN 15 AUG 08 **(10-3B)** **Eff 28 Aug**

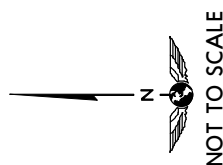
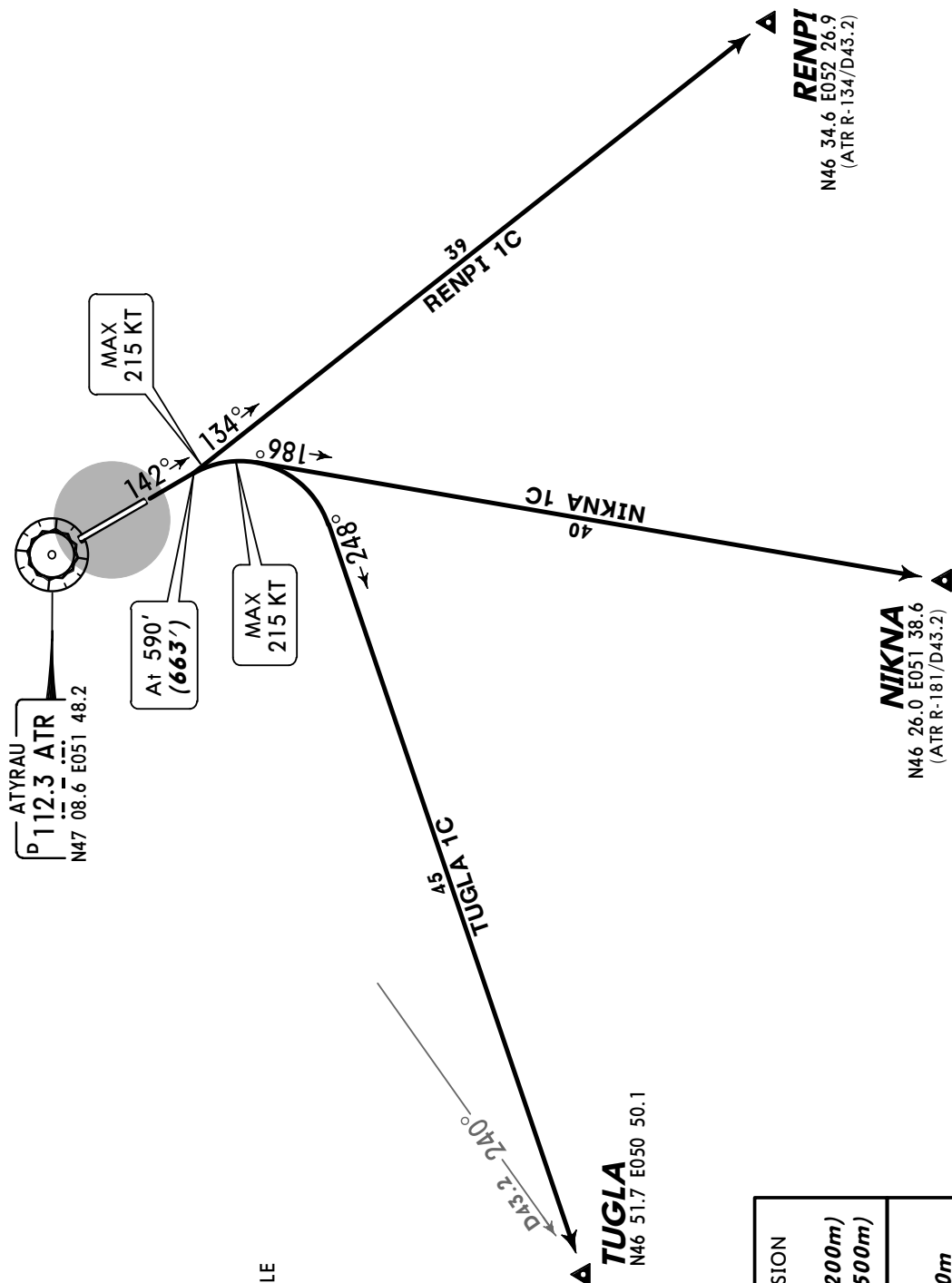
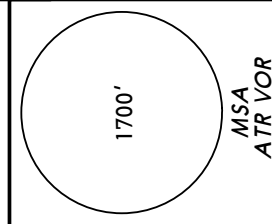
ATYRAU, KAZAKHSTAN

SID

Apt Elev
 -72'

QNH on request (QFE)
 Trans level: FL39 Trans alt: 1570' (1643')
 FL by ATC.

NIKNA 1C [NIKN1C]
RENPI 1C [RENP1C], TUGLA 1C [TUGL1C]
RWY 14 DEPARTURES
TO SOUTH & WEST



ALT/HEIGHT CONVERSION
QNH (QFE)
590' (663' - 200m)
1570' (1643' - 500m)

FL CONVERSION
FL39 FL1200m

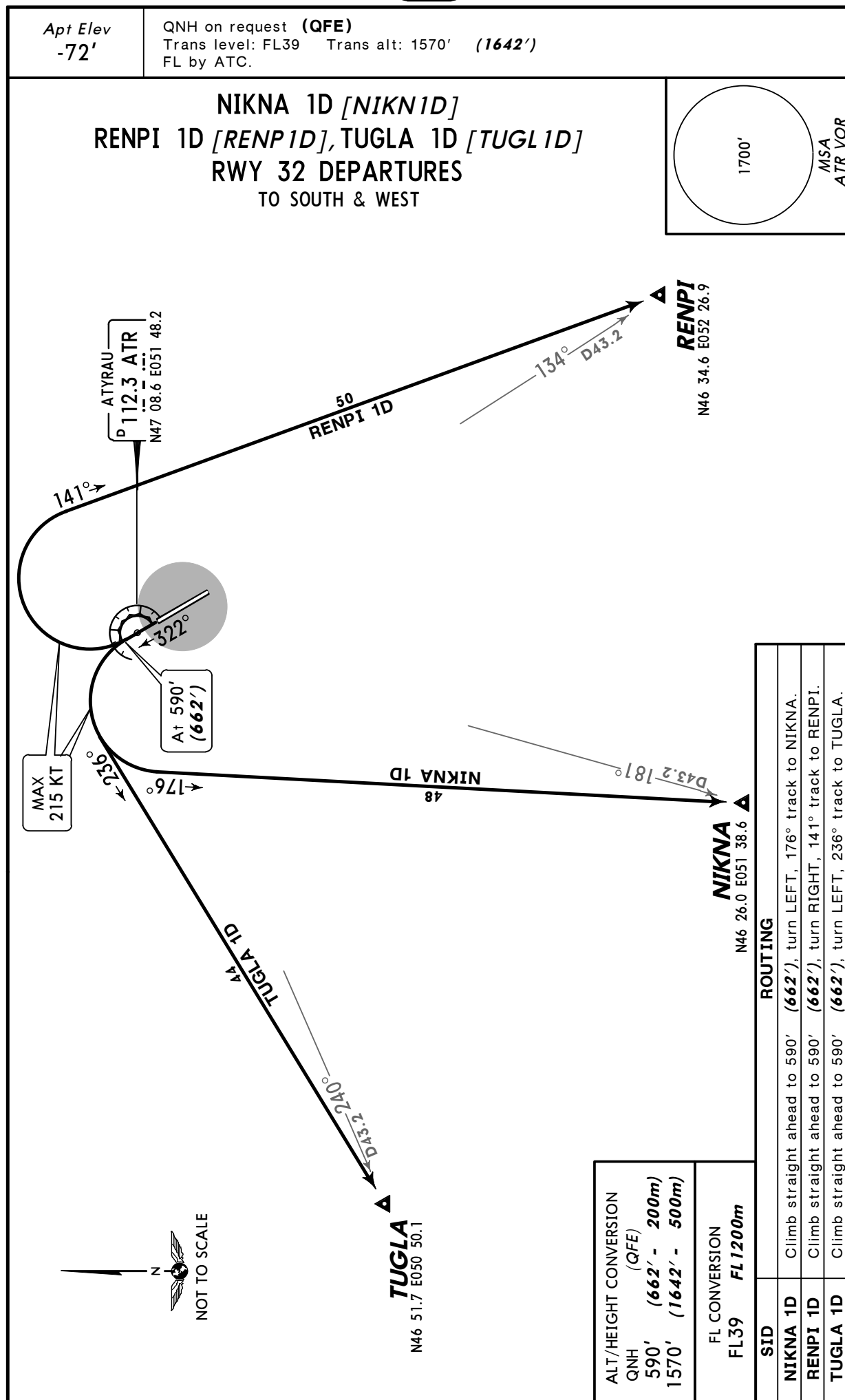
SID	ROUTING
NIKNA 1C	Climb straight ahead to 590' (663'), turn RIGHT, 188° track to NIKNA.
RENPI 1C	Climb straight ahead to 590' (663'), turn LEFT, 134° track to RENPI.
TUGLA 1C	Climb straight ahead to 590' (663'), turn RIGHT, 248° track to TUGLA.

UATG/GUW
ATYRAU

JEPPesen 15 AUG 08 **10-3C** Eff 28 Aug

ATYRAU, KAZAKHSTAN

SID



ALT/HEIGHT CONVERSION	
QNH	(QFE)
590'	(662' - 200m)
1570'	(1642' - 500m)
FL CONVERSION	
FL39	FL1200m
ROUTING	
NIKNA 1D	Climb straight ahead to 590' (662'), turn LEFT, 176° track to NIKNA.
RENPI 1D	Climb straight ahead to 590' (662'), turn RIGHT, 141° track to RENPI.
TUGLA 1D	Climb straight ahead to 590' (662'), turn LEFT, 236° track to TUGLA.

UATG/GUW

Apt Elev **-72'** (BELOW SEA LEVEL)
N47 07.3 E051 49.3

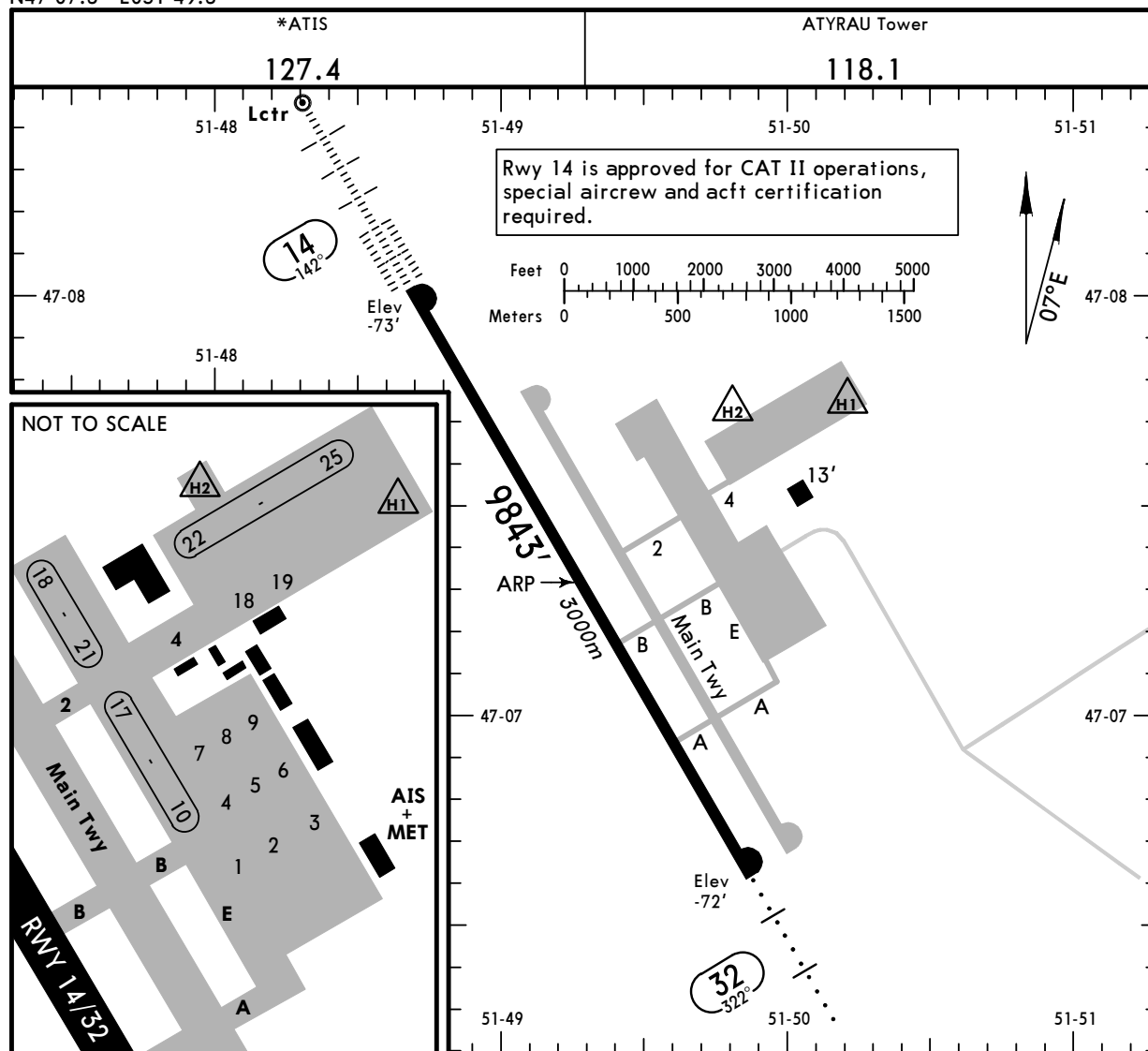
29 AUG 08

(10-9)

JEPPesen

ATYRAU, KAZAKHSTAN

ATYRAU



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Landing Beyond		
14	HIRL (60m) CL (30m) HIALS-II TDZ PAPI-L ① RVR		8810' 2685m		148'
32	HIRL (60m) CL (30m) HIALS RVR		8871' 2704m		45m

① (angle 3.0°)

TAKE-OFF

AIR CARRIER (JAA)
All Rwy's

	DAY		NIGHT		NIL
	LVP must be in force RL & CL	RL	LVP must be in force RL & CL	RL	
A					
B	200m	400m ①	200m	400m ①	400m ①
C					
D	250m (200m)		250m (200m)	400m	700m

① LVP must be in force: 300m.

UATG/GUW

JEPPESEN

16 JUL 10
Eff 29 Jul

10-9X

JAA MINIMUMS
ATYRAU, KAZAKHSTAN
ATYRAU

STRAIGHT-IN RWY		A	B	C	D
14	CAT 2 ILS	27' (100')	27' (100')	27' (100')	27' (100')
		RA 100' R350m	RA 100' R350m	RA 100' R350m	RA 100' R350m
	ILS	127' (200')	127' (200')	127' (200')	127' (200')
		550m	550m	550m	550m
	ALS out	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED			
	VOR DME	590' (663')	590' (663')	920' (993')	920' (993')
		3000m	3000m	5000m	5000m
	NDB	260' (333')	260' (333')	260' (333')	260' (333')
		1500m	1500m	1500m	1500m
	ALS out	1500m	1500m	1800m	2000m
32	ILS	128' (200')	128' (200')	128' (200')	128' (200')
		550m	550m	550m	550m
	ALS out	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED			
	VOR DME	590' (662')	590' (662')	920' (992')	920' (992')
		3000m	3000m	5000m	5000m

TAKE-OFF RWY 14, 32

DAY					NIGHT		
LVP must be in force		RCLM or RL	NIL	LVP must be in force		RL	
RL & CL	RL			RL & CL	RL		
A	200m	300m	400m	500m	200m	300m	400m
B					400m		
C							
D	250m				250m	400m	

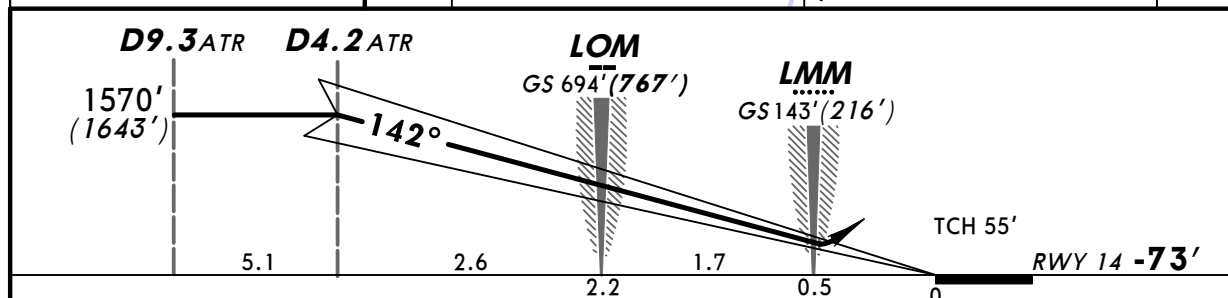
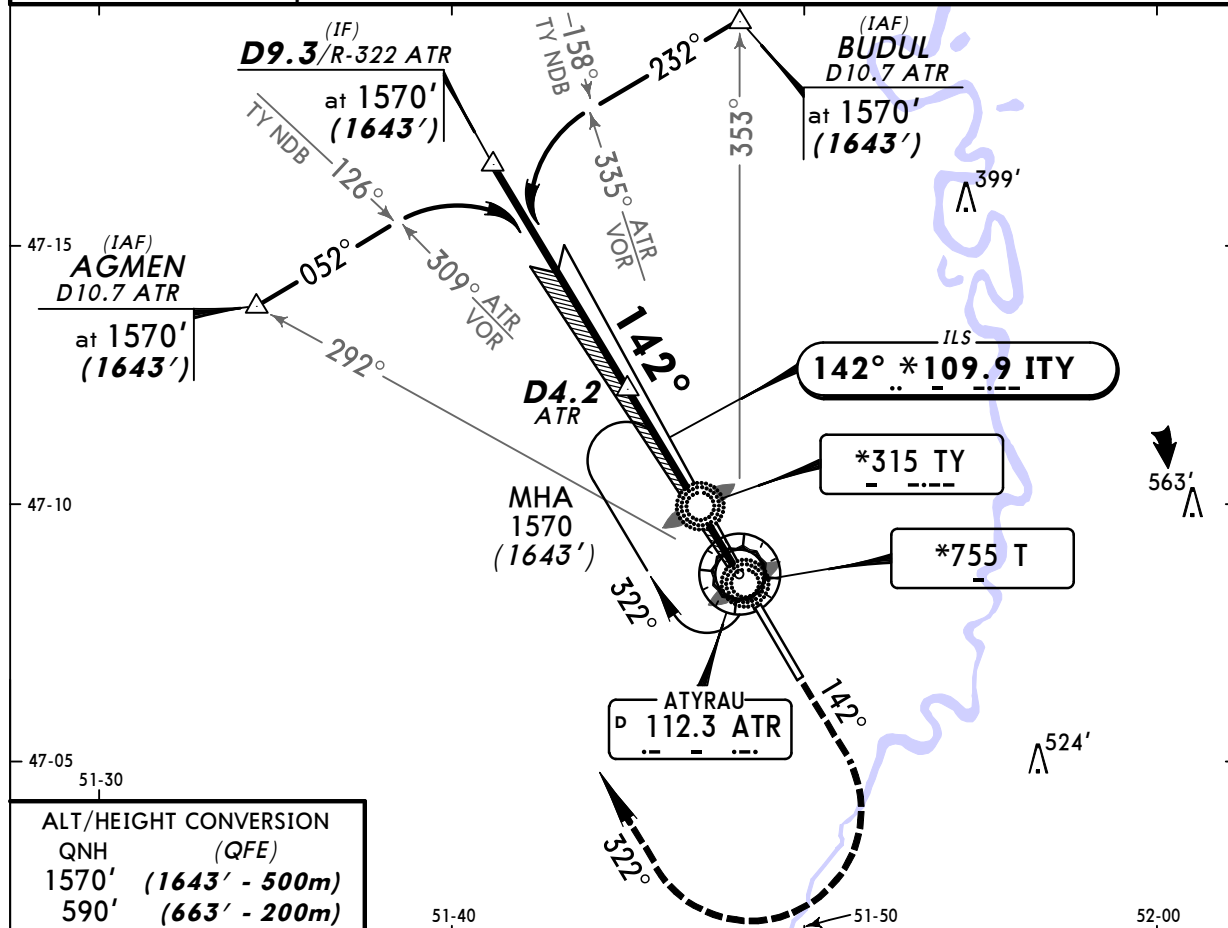
UATG/GUW
ATYRAU

JEPPESSEN
27 MAR 09 **(11-1)** **Eff 9 Apr**

ATYRAU, KAZAKHSTAN
ILS DME Rwy 14

BRIEFING STRIP

*ATIS 127.4		ATYRAU Approach 123.7		ATYRAU Tower 118.1		1700' MSA ATR VOR
LOC ITY *109.9	Final Apch Crs 142°	GS LOM 694'(767')	ILS DA(H) 127'(200')	Apt Elev -72' (BELOW SEA LEVEL) RWY -73'		
MISSED APCH: Climb on 142° to 590'(663'), then turn RIGHT (MAX 215 KT) on 322° climbing to 1570'(1643'), then as directed.						
Alt Set: MM (hPa on req) Surveillance radar required.						
QNH on req (QFE)		Trans level: FL 39		Trans alt: 1570'(1643')		



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

HIALS-II

PAPI

590'

(663')

on 142°

STRIGHT-IN LANDING RWY 14				HIALS-II	
ILS		LOC (GS out)		PAPI	
DA(H) 127' (200')					
FULL	TDZ or CL out	ALS out			
A					
B	RVR 550m	RVR 720m			
C	VIS 800m	VIS 800m	1200m		
D					

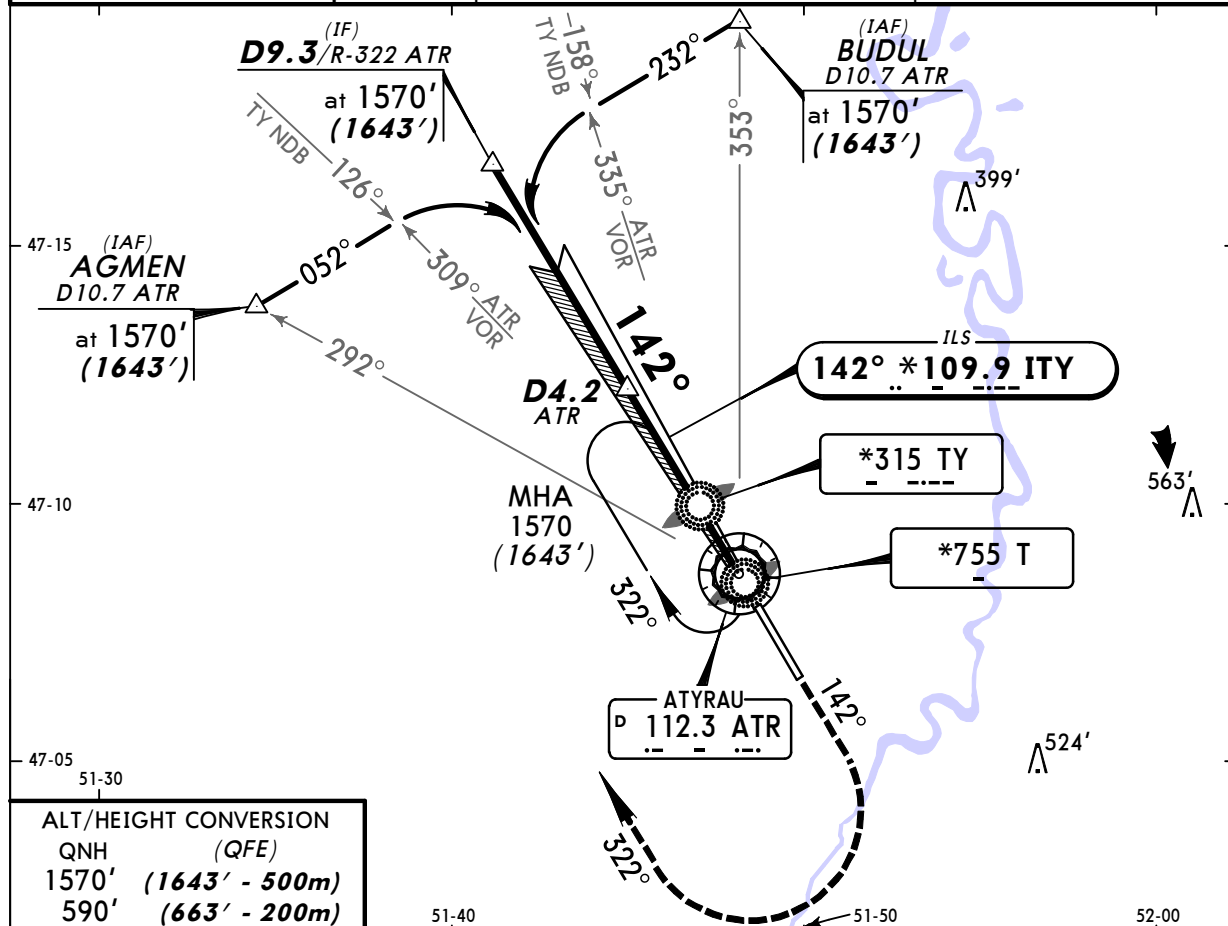
UATG/GUW
ATYRAU

JEPPESEN
27 MAR 09
Eff 9 Apr (11-1A)

ATYRAU, KAZAKHSTAN
CAT II ILS DME Rwy 14

BRIEFING STRIP

*ATIS		ATYRAU Approach		ATYRAU Tower		1700' MSA ATR VOR
127.4		123.7		118.1		
LOC ITY *109.9	Final Apch Crs 142°	GS LOM 694' (767')	CAT II ILS RA 100' DA(H) 27' (100')	Apt Elev -72' (BELOW SEA LEVEL) RWY -73'		
MISSED APCH: Climb on 142° to 590' (663'), then turn RIGHT (MAX 215 KT) on 322° climbing to 1570' (1643'), then as directed.						
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 1570' (1643')						
1. Surveillance radar required. 2. Special Aircrew & Acft Certification Required.						



D9.3_{ATR}		D4.2_{ATR}		LOM		LMM			
1570' (1643')				GS 694'(767')		GS 143'(216')		TCH 55'	
5.1		2.6		2.2		1.7		0.5	
0								RWY 14 -73'	
Gnd Speed-Kts		70	90	100	120	140	160		
GS 3.00°		377	484	538	646	753	861		

PANS OPS

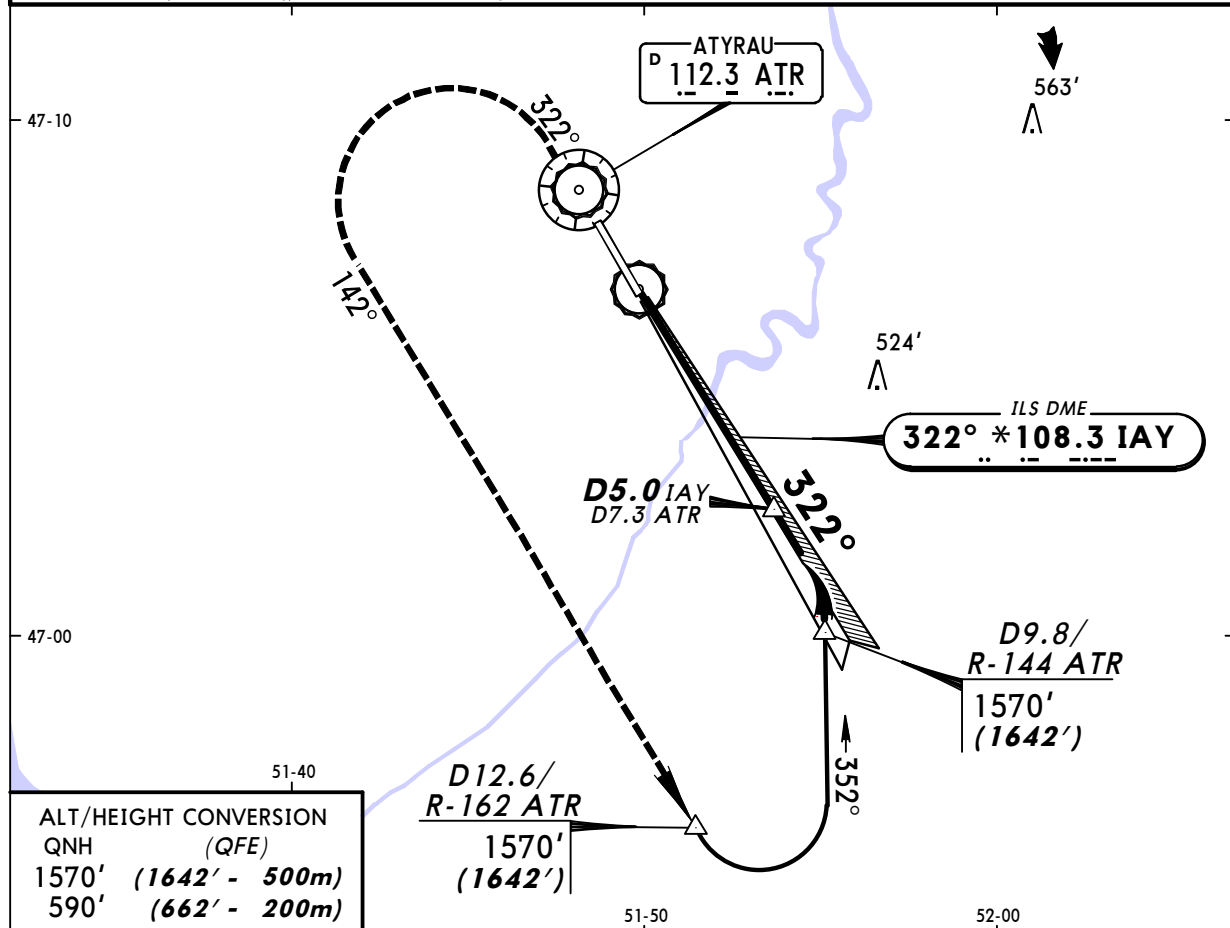
UATG/GUW
ATYRAU

JEPPESSEN
6 NOV 09 **(11-2)** **Eff 19 Nov**

ATYRAU, KAZAKHSTAN
ILS DME Rwy 32

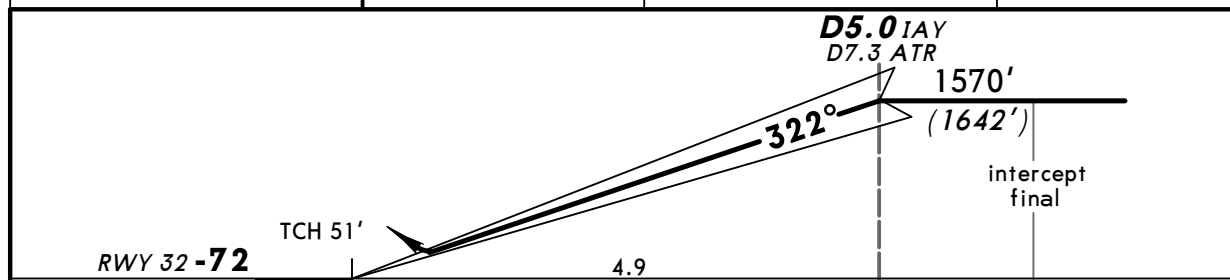
BRIEFING STRIP

ATIS		ATYRAU Approach		ATYRAU Tower		1700' MSA ATR VOR
127.4 (Russian 126.6)		123.7		118.1		
LOC IAY *108.3	Final Apch Crs 322°	GS No Altitude published	ILS DA(H) 128'(200')	Apt Elev -72' (BELOW SEA LEVEL) RWY -72'		
MISSED APCH: Climb on 322° to 590' (662'), then turn LEFT onto 142° climbing to 1570' (1642'), then according to chart.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		
Trans alt: 1570' (1642')						



ALT/HEIGHT CONVERSION
QNH (**QFE**)

1570'	(1642' - 500m)
590'	(662' - 200m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS 590' (662') on 322° 142° LT 1570' (1642')
GS	3.00°	377	484	538	646	753	

STRAIGHT-IN LANDING RWY 32										
ILS					LOC (GS out)					
DA(H) 128'(200')										
FULL			ALS out							
A	RVR 720m VIS 800m			1200m		NOT AUTHORIZED				
B										
C										
D										

PANS OPS

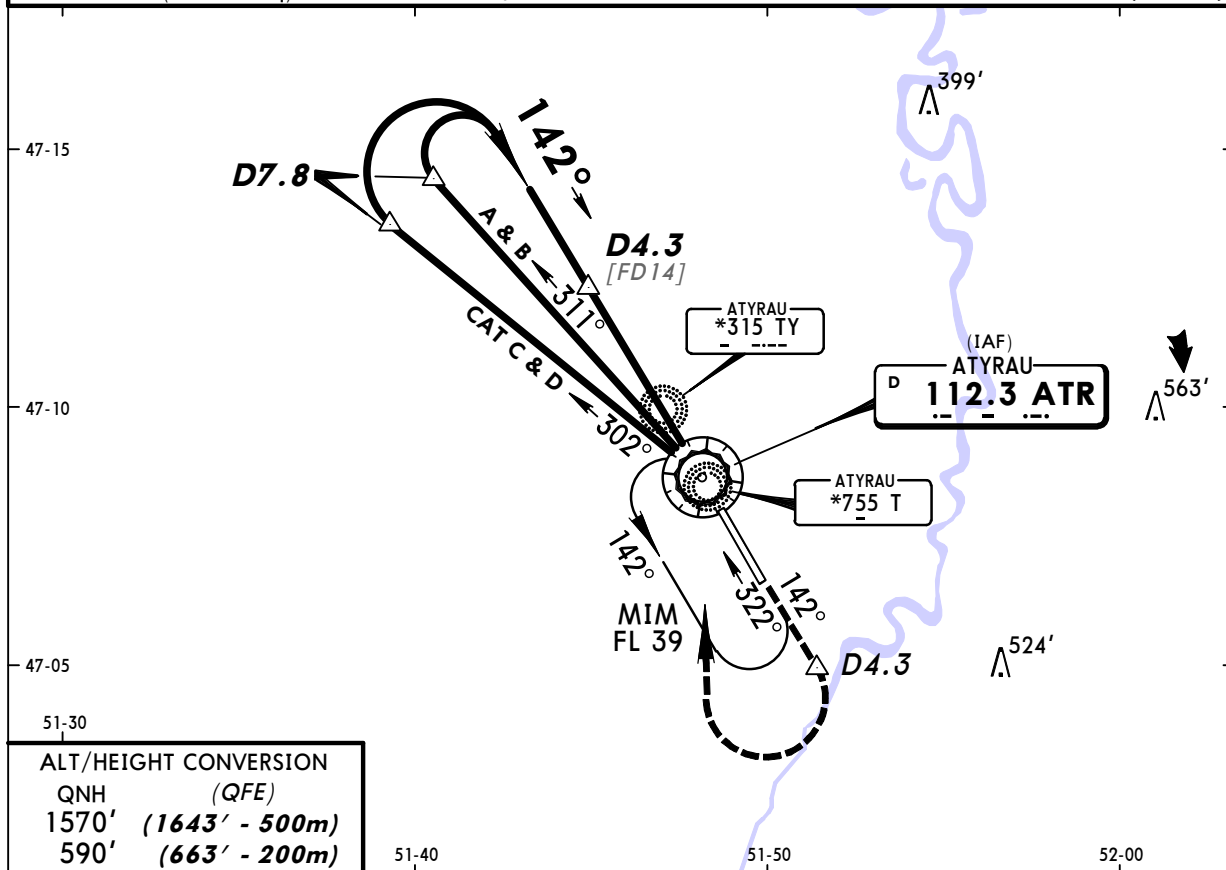
UATG/GUW
ATYRAU

JEPPesen
4 SEP 09 **(13-1)**

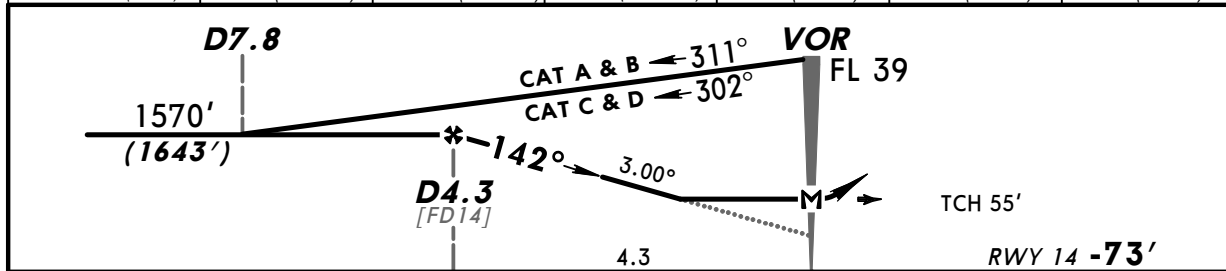
ATYRAU, KAZAKHSTAN
VOR DME Rwy 14

BRIEFING STRIP

ATIS		ATYRAU Approach		ATYRAU Tower		1700' MSA ATR VOR
127.4 (Russian 126.6)		123.7		118.1		
VOR ATR 112.3	Final Apch Crs 142°	Minimum Alt D4.3 1570'(1643')	MDA(H) Refer to Minimums	Apt Elev -72' (BELOW SEA LEVEL) RWY -73'		
MISSED APCH: Climb on 142° to 590'(663') or above outbound to D4.3, then turn RIGHT (MAX 225 KT) to VOR. Climb initially to 1570'(1643'), then as directed.						
MISSED APCH WITH COMM FAILURE: Climb to FL 39 to VOR and join holding.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		Trans alt: 1570'(1643')



ATR DME	3.8	3.2	2.7	2.2	1.6	1.1
ALTITUDE (HAT)	1380' (1453')	1200' (1273')	1030' (1103')	850' (923')	720' (793')	550' (623')



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI 590' (663') or above on 142° D4.3
Descent gradient 5.24% or Descent angle 3.00°	372	478	531	637	743	849	
MAP at VOR							

STRAIGHT-IN LANDING RWY 14		MDA(H) AB: 590' (663') CD: 920' (993')	
		ALS out	
A	3000m		
B			
C	5000m		
D			

PANS OPS

UATG/GUW
ATYRAU

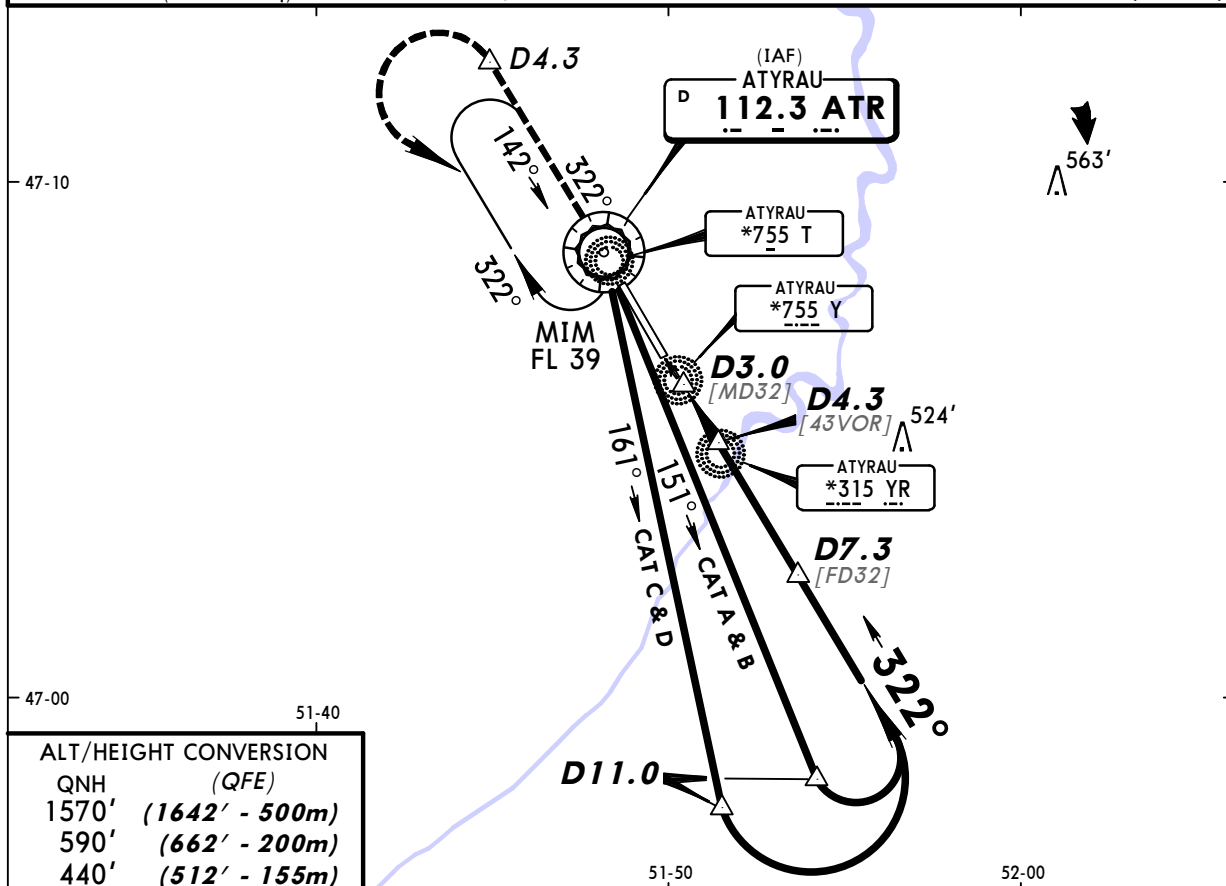
JEPPESSEN
4 SEP 09 **(13-2)**

ATYRAU, KAZAKHSTAN
VOR DME Rwy 32

BRIEFING STRIP

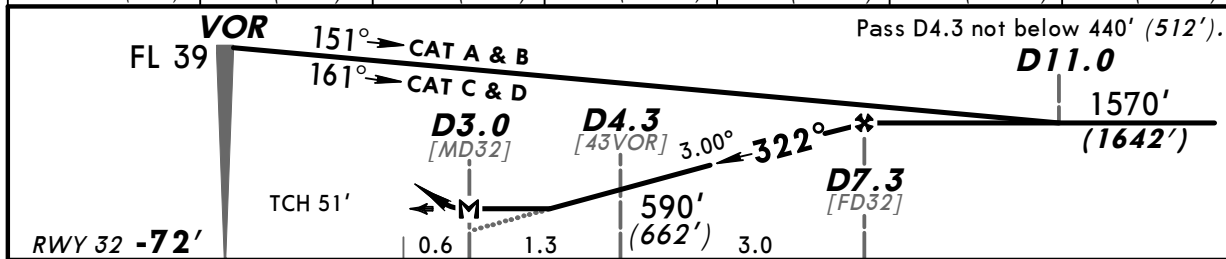
ATIS		ATYRAU Approach		ATYRAU Tower		1700' MSA ATR VOR
127.4 (Russian 126.6)		123.7		118.1		
VOR ATR 112.3	Final Apch Crs 322°	Minimum Alt D7.3 1570'(1642')	MDA(H) Refer to Minimums	Apt Elev -72' (BELOW SEA LEVEL) RWY -72'		
MISSED APCH: Climb on 322° to 590'(662') or above outbound to D4.3, then turn LEFT (MAX 225 KT) to VOR. Climb initially to 1570'(1642'), then as directed.						
MISSED APCH WITH COMM FAILURE: Climb to FL 39 to VOR and join holding.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		Trans alt: 1570'(1642')

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 1570' (1642')



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1570' (1642' - 500m)	
590' (662' - 200m)	
440' (512' - 155m)	

ATR DME	3.8	4.9	5.4	5.9	6.5	7.0
ALTITUDE (HAT)	440' (512')	790' (862')	960' (1032')	1130' (1202')	1300' (1372')	1480' (1552')



Gnd speed-Kts	70	90	100	120	140	160	HIALS	590' (662') or above on 322°	D4.3
Descent gradient 5.24% or Descent angle 3.00°	372	478	531	637	743	849			
MAP at D3.0									

STRAIGHT-IN LANDING RWY 32			
MDA(H) AB: 590'(662')			
CD: 920'(992')			
		ALS out	
A	3000m		
B			
C	5000m		
D			

PANS OPS

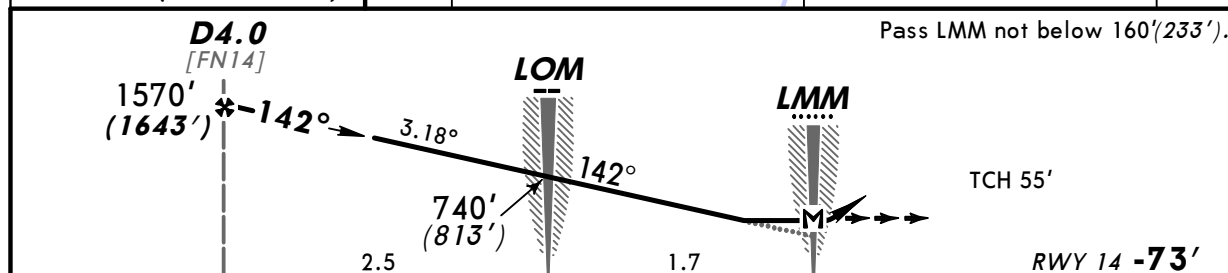
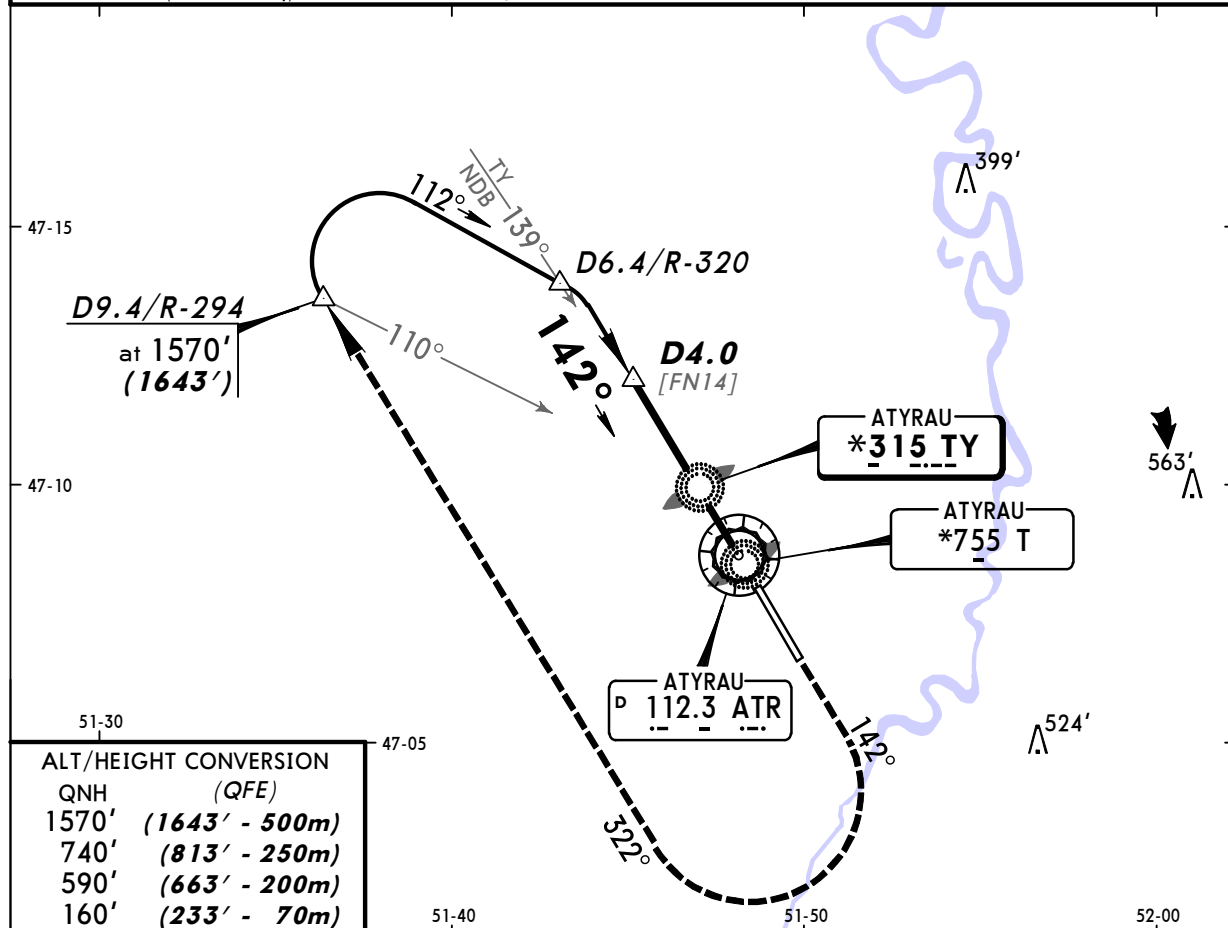
UATG/GUW
ATYRAU

JEPPESEN
16 JUL 10 (16-1) Eff 29 Jul

ATYRAU, KAZAKHSTAN
2 NDB Rwy 14

BRIEFING STRIP

ATIS		ATYRAU Approach		ATYRAU Tower		1700' MSA ATR VOR
127.4 (Russian 126.6)		123.7		118.1		
NDB TY *315	Final Apch Crs 142°	Minimum Alt D4.0 1570' (1643')	MDA(H) 260' (333')	Apt Elev -72' (BELOW SEA LEVEL) RWY -73'		
MISSED APCH: Climb on 142° to 590' (663'), then turn RIGHT onto 322° climbing to 1570' (1643'), then according to chart.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		Trans alt: 1570' (1643')



Gnd Speed-Kts	70	90	100	120	140	160	HIALS-II	590' (663')	142°	322°	1570' (1643')
Descent Angle	3.18°	394	506	563	675	788	900	PAPI	↑	RT	↑
MAP at LMM											

STRAIGHT-IN LANDING RWY 14		MDA(H) 260' (333')		ALS out	
A					
B	1500m			RVR 1500m	VIS 1600m
C					
D				RVR 1500m	VIS 1600m