Page 1
Changed chart(s) since Disc 16-2010
ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE

No revision activity since Disc 16-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UAUU

General Info

Kostanay, KAZ
N 53° 12.4' E 63° 33.0' Mag Var: 11.1°E
Elevation: 600'

Public, IFR, Control Tower, Customs, Landing Fee
Fuel: 100-130, 115-145, Jet, Jet A-1
Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+6:00 no DST

Runway Info

Runway 15-33 8248' x 157' asphalt

Runway 15 (146.0°M) TDZE 597'
Lights: Edge, ALS
Runway 33 (326.0°M) TDZE 571'
Lights: Edge, ALS

Communications Info

Kostanay Tower **129.3**

Notebook Info

Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

UAUU/KSN NARIMANOVKA

JEPPESEN KOSTANAY, KAZAKHSTAN

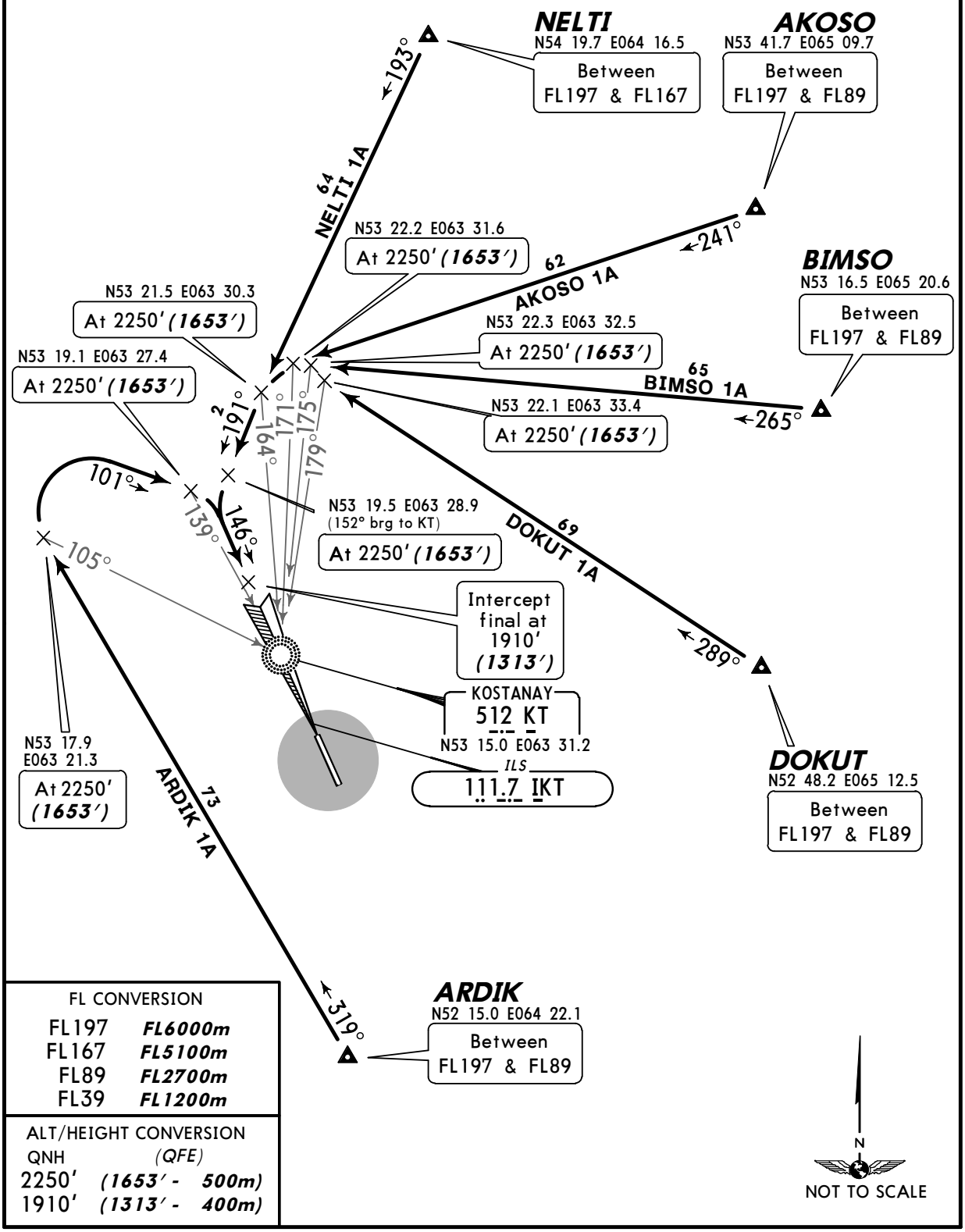
6 NOV 09 (10-2) Eff 19 Nov

STAR

Apt Elev 600′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2250′ *(1653′)* 1. FL by ATC. 2. When radar control is not provided, proceed to KT, then in accordance with approach pattern.

2400′
MSA
KT NDB

AKOSO 1A *[AKOS1A]*, ARDIK 1A *[ARDI1A]*
BIMSO 1A *[BIMS1A]*, DOKUT 1A *[DOKU1A]*
NELTI 1A *[NELT1A]*
RWY 15 ARRIVALS
FROM NORTH, EAST & SOUTHEAST



FL CONVERSION	
FL197	*FL6000m*
FL167	*FL5100m*
FL89	*FL2700m*
FL39	*FL1200m*

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2250′	*(1653′ - 500m)*
1910′	*(1313′ - 400m)*

CHANGES: MSA center.

© JEPPESEN, 2004, 2009. ALL RIGHTS RESERVED.

Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

UAUU/KSN NARIMANOVKA

JEPPESEN KOSTANAY, KAZAKHSTAN

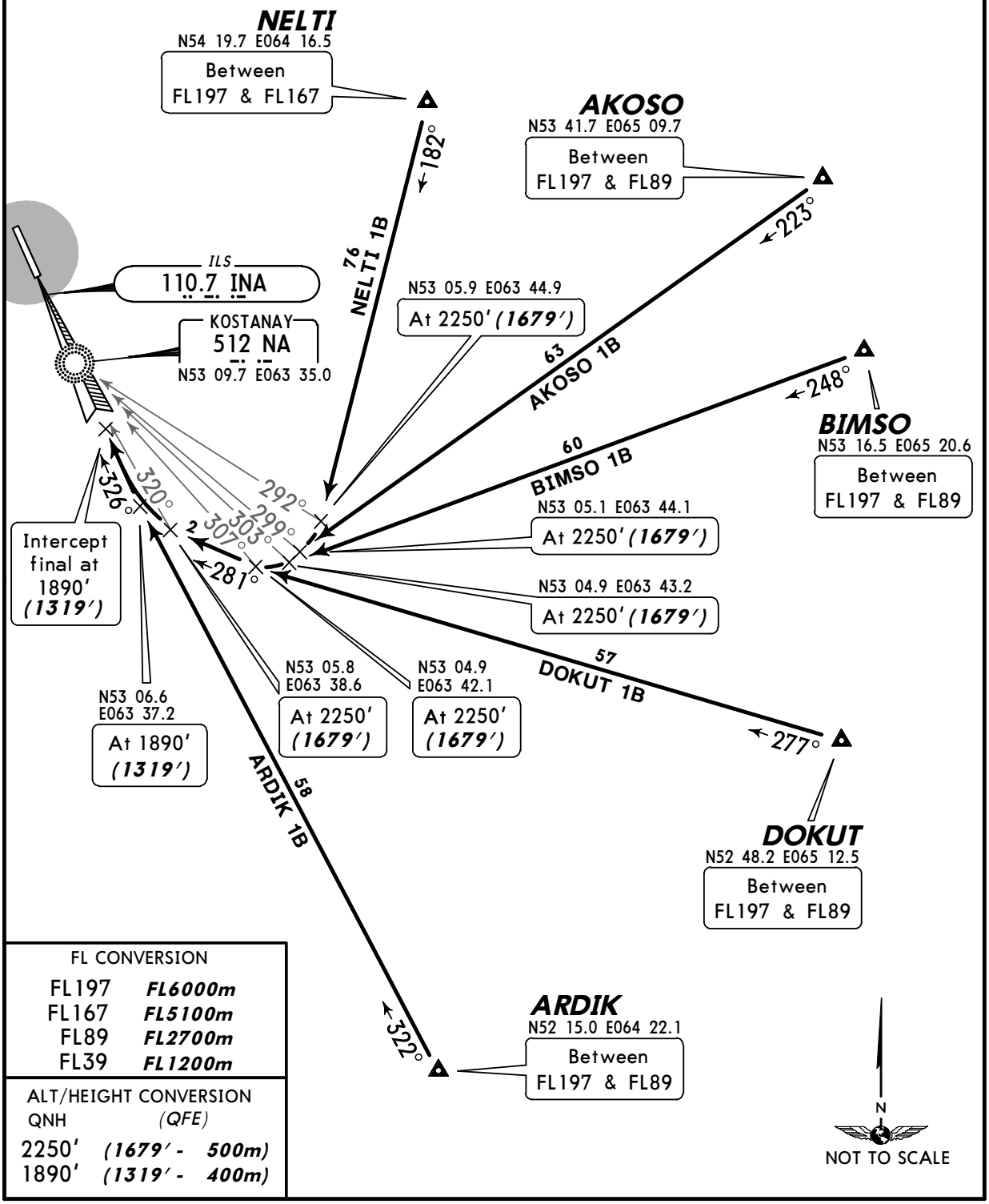
6 NOV 09 (10-2A) Eff 19 Nov

STAR

Apt Elev 600′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2250′ *(1679′)* 1. FL by ATC. 2. When radar control is not provided, proceed to NA, then in accordance with approach pattern.

2400′
MSA
NA NDB

AKOSO 1B *[AKOS1B]*
ARDIK 1B *[ARDI1B]*
BIMSO 1B *[BIMS1B]*
DOKUT 1B *[DOKU1B]*
NELTI 1B *[NELT1B]*
RWY 33 ARRIVALS
FROM NORTH, EAST & SOUTHEAST



FL CONVERSION	
FL197	*FL6000m*
FL167	*FL5100m*
FL89	*FL2700m*
FL39	*FL1200m*

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2250′	*(1679′ - 500m)*
1890′	*(1319′ - 400m)*

CHANGES: MSA center.

© JEPPESEN, 2004, 2009. ALL RIGHTS RESERVED.

Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

JEPPESEN
JeppView 3.7.1.0

UAUU/KSN NARIMANOVKA

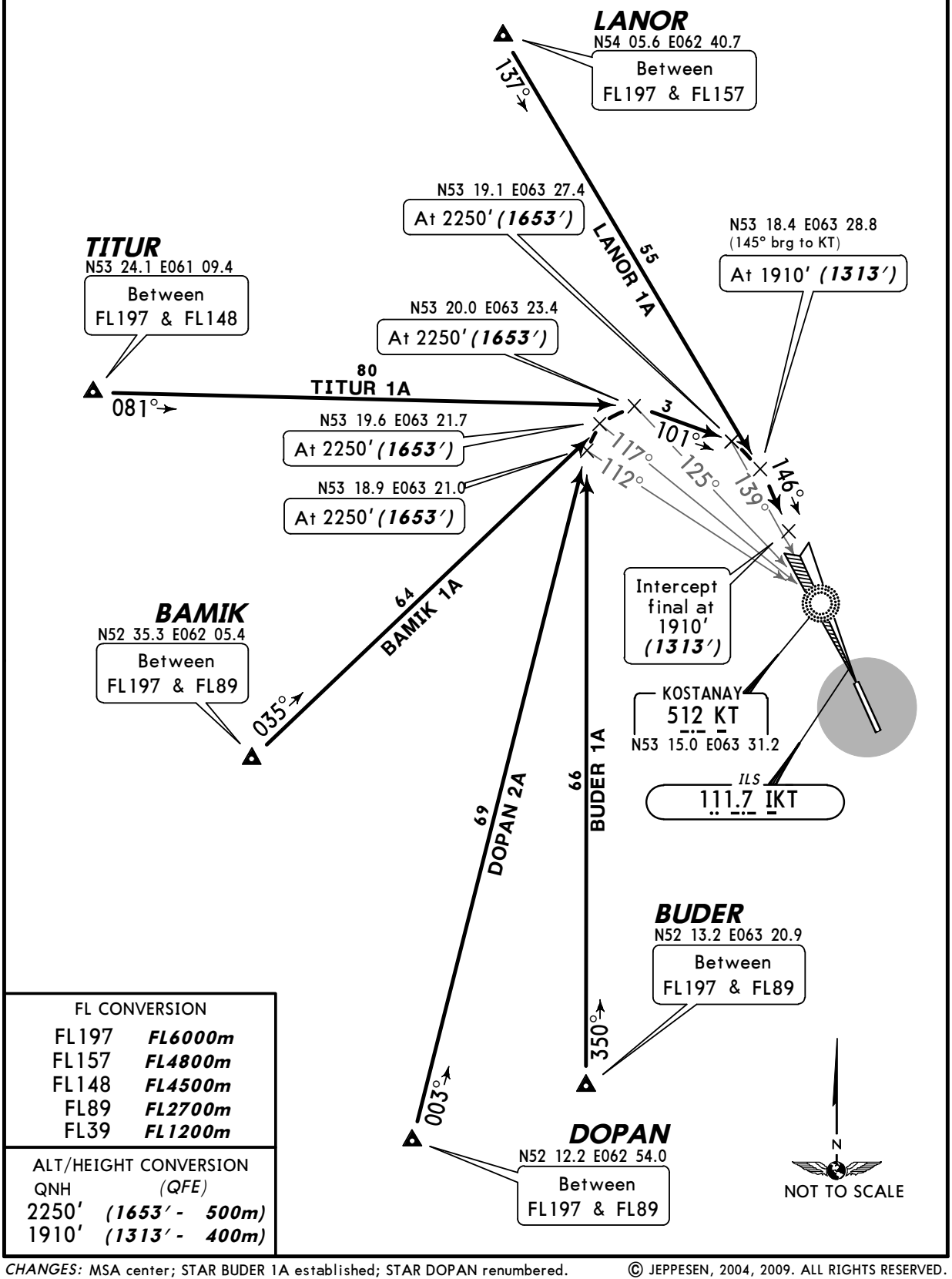
JEPPESEN KOSTANAY, KAZAKHSTAN

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

Apt Elev 600′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2250′ *(1653′)* 1. FL by ATC. 2. When radar control is not provided, proceed to KT, then in accordance with approach pattern.

2400′
MSA
KT NDB

BAMIK 1A *[BAMI1A]*, BUDER 1A *[BUDE1A]*
DOPAN 2A *[DOPA2A]*, LANOR 1A *[LANO1A]*
TITUR 1A *[TITU1A]*
RWY 15 ARRIVALS
FROM SOUTHWEST, WEST & NORTHWEST



FL CONVERSION	
FL197	*FL6000m*
FL157	*FL4800m*
FL148	*FL4500m*
FL89	*FL2700m*
FL39	*FL1200m*

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2250′	*(1653′ - 500m)*
1910′	*(1313′ - 400m)*

CHANGES: MSA center; STAR BUDER 1A established; STAR DOPAN renumbered.

© JEPPESEN, 2004, 2009. ALL RIGHTS RESERVED.

Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

JEPPESEN
JeppView 3.7.1.0

UAUU/KSN NARIMANOVKA

JEPPESEN KOSTANAY, KAZAKHSTAN

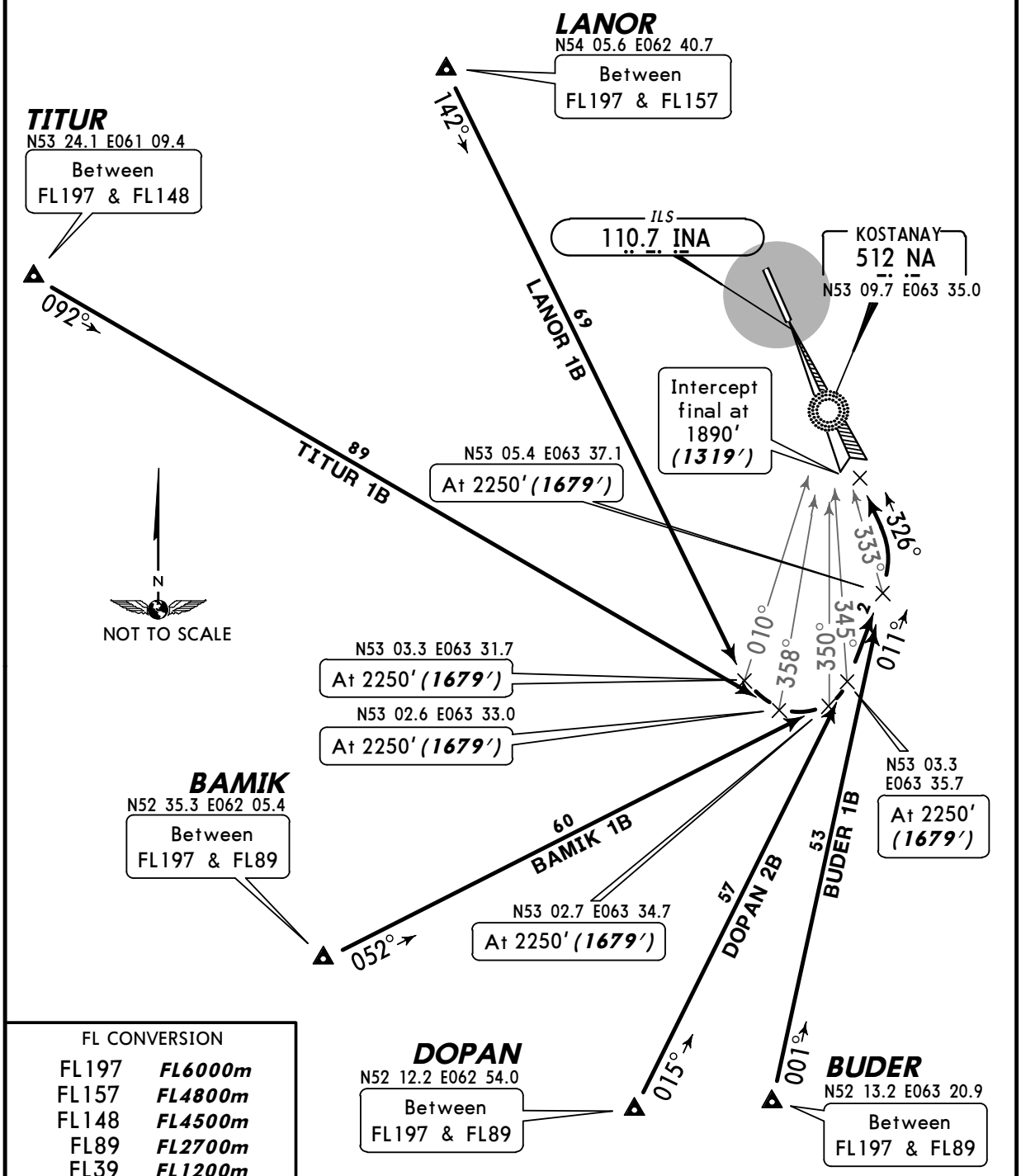
6 NOV 09 (10-2C) Eff 19 Nov

STAR

Apt Elev 600′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2250′ *(1679′)* 1. FL by ATC. 2. When radar control is not provided, proceed to NA, then in accordance with approach pattern.

2400′
MSA
NA NDB

BAMIK 1B *[BAMI1B]* , BUDER 1B *[BUDE1B]*
DOPAN 2B *[DOPA2B]* , LANOR 1B *[LANO1B]*
TITUR 1B *[TITU1B]*
RWY 33 ARRIVALS
FROM SOUTHWEST, WEST & NORTHWEST



FL CONVERSION	
FL197	*FL6000m*
FL157	*FL4800m*
FL148	*FL4500m*
FL89	*FL2700m*
FL39	*FL1200m*

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2250′	*(1679′ - 500m)*
1890′	*(1319′ - 400m)*

CHANGES: MSA center; STAR BUDER 1B established; STAR DOPAN renumbered.

© JEPPESEN, 2004, 2009. ALL RIGHTS RESERVED.

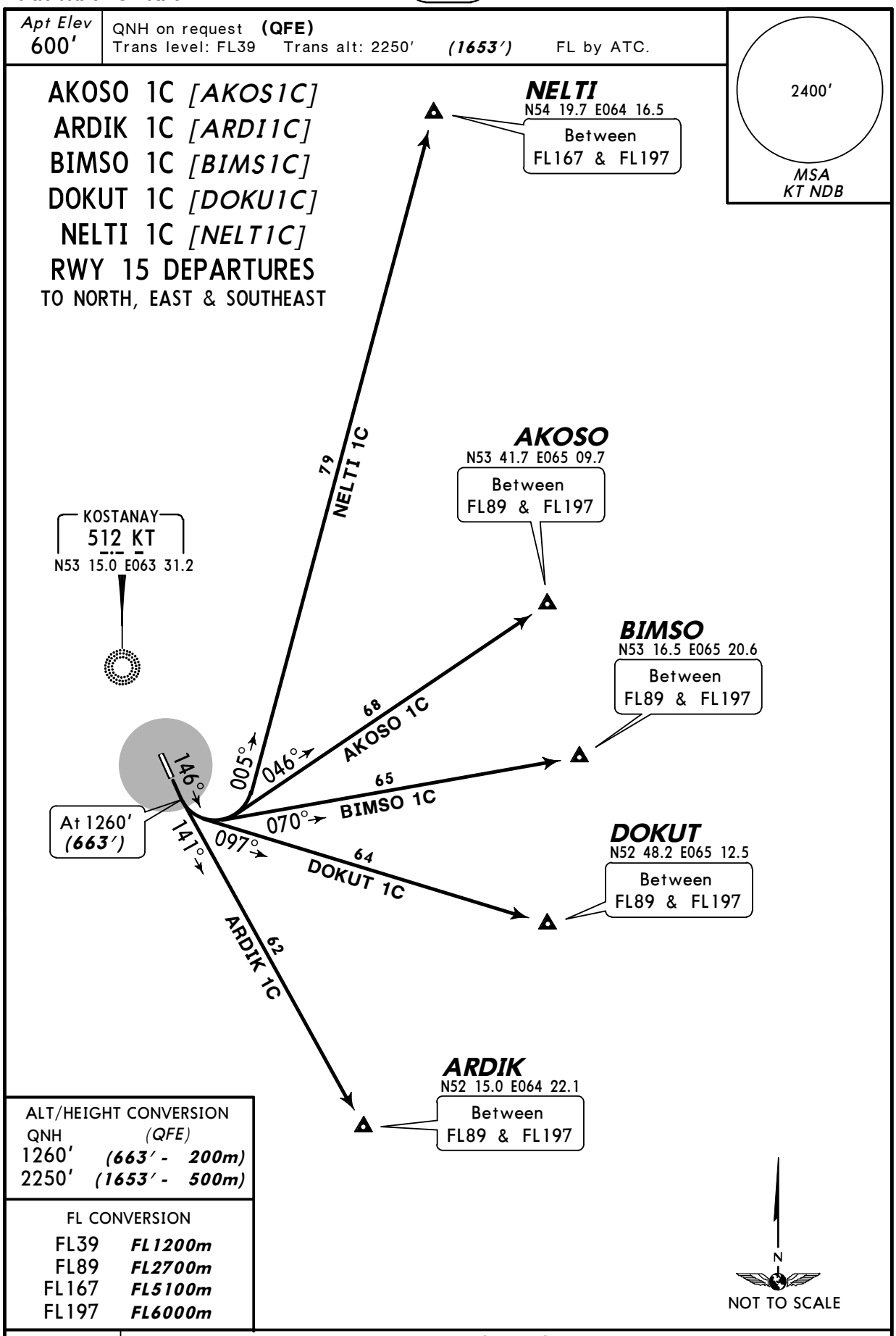
Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

UAUU/KSN NARIMANOVKA

JEPPESEN KOSTANAY, KAZAKHSTAN

6 NOV 09 (10-3) Eff 19 Nov SID

Apt Elev	
600′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2250′ ***(1653′)*** FL by ATC.



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
1260′	***(663′ -***	***200m)***
2250′	***(1653′ -***	***500m)***

FL CONVERSION	
FL39	***FL1200m***
FL89	***FL2700m***
FL167	***FL5100m***
FL197	***FL6000m***

SID	ROUTING
AKOSO 1C	Climb to 1260′ ***(663′)***, turn LEFT, 046° track to AKOSO.
ARDIK 1C	Climb to 1260′ ***(663′)***, turn LEFT, 141° track to ARDIK.
BIMSO 1C	Climb to 1260′ ***(663′)***, turn LEFT, 070° track to BIMSO.
DOKUT 1C	Climb to 1260′ ***(663′)***, turn LEFT, 097° track to DOKUT.
NELTI 1C	Climb to 1260′ ***(663′)***, turn LEFT, 005° track to NELTI.

CHANGES: MSA center.

© JEPPESEN, 2004, 2009. ALL RIGHTS RESERVED.

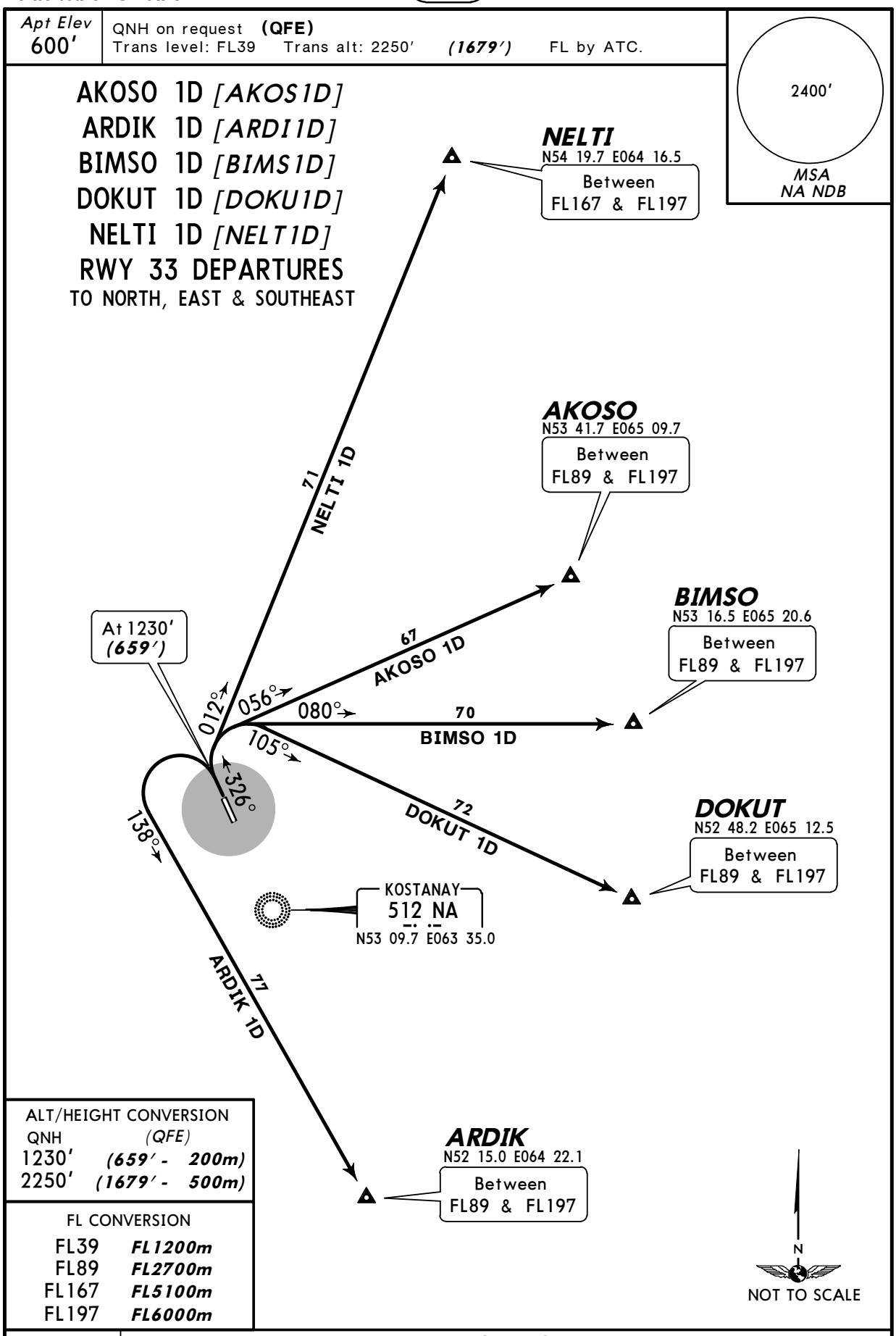
Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

UAUU/KSN NARIMANOVKA

JEPPESEN KOSTANAY, KAZAKHSTAN

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

Apt Elev	
600′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2250′ ***(1679′)*** FL by ATC.



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1230′	***(659′ - 200m)***
2250′	***(1679′ - 500m)***

FL CONVERSION	
FL39	***FL1200m***
FL89	***FL2700m***
FL167	***FL5100m***
FL197	***FL6000m***

SID	ROUTING
AKOSO 1D	Climb to 1230′ ***(659′)***, turn RIGHT, 056° track to AKOSO.
ARDIK 1D	Climb to 1230′ ***(659′)***, turn LEFT, 138° track to ARDIK.
BIMSO 1D	Climb to 1230′ ***(659′)***, turn RIGHT, 080° track to BIMSO.
DOKUT 1D	Climb to 1230′ ***(659′)***, turn RIGHT, 105° track to DOKUT.
NELTI 1D	Climb to 1230′ ***(659′)***, turn RIGHT, 012° track to NELTI.

CHANGES: MSA center.

© JEPPESEN, 2004, 2009. ALL RIGHTS RESERVED.

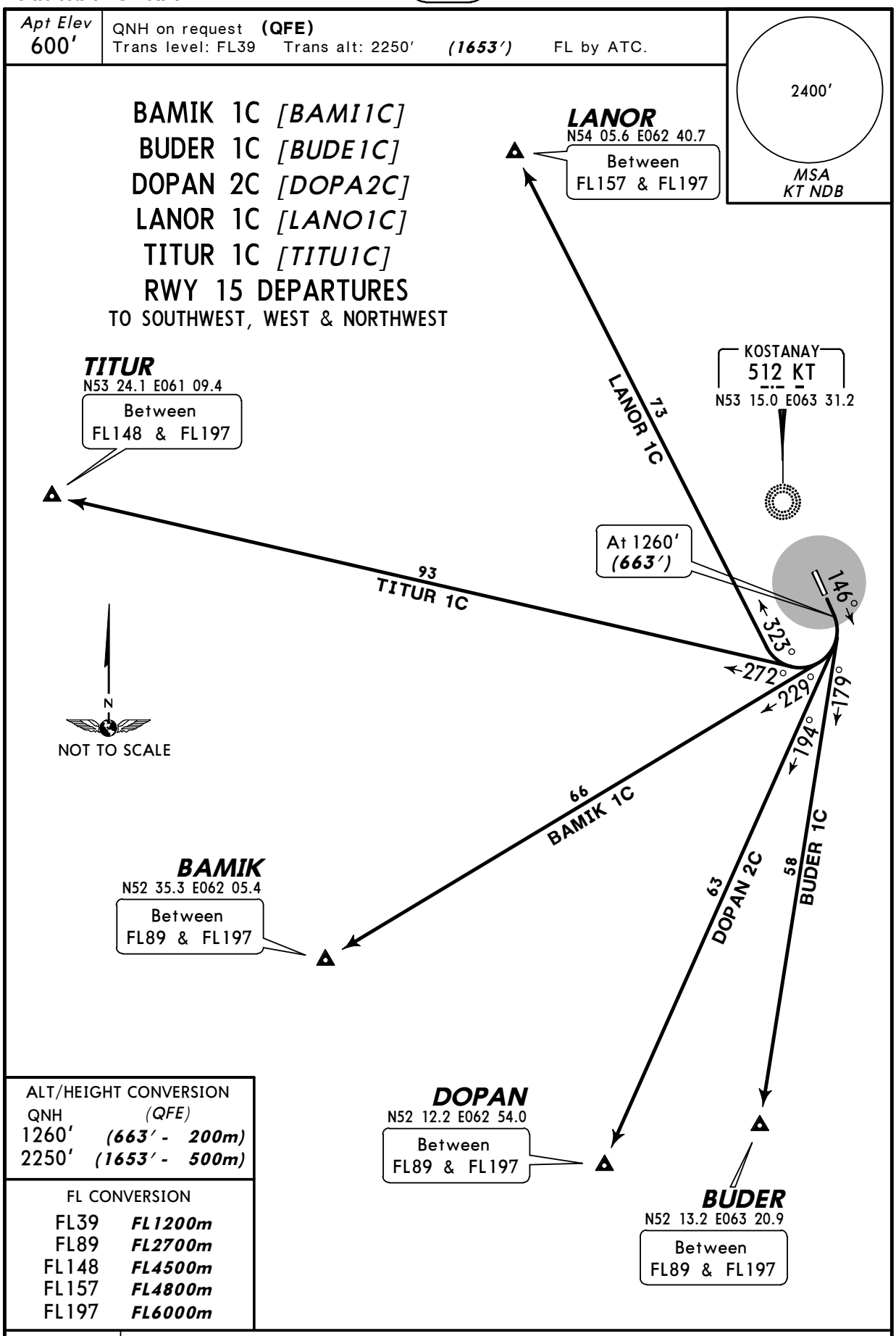
Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

UAUU/KSN NARIMANOVKA

JEPPESEN KOSTANAY, KAZAKHSTAN

6 NOV 09 (10-3B) Eff 19 Nov SID

Apt Elev	
600′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2250′ ***(1653′)*** FL by ATC.



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1260′	***(663′ - 200m)***
2250′	***(1653′ - 500m)***

FL CONVERSION	
FL39	***FL1200m***
FL89	***FL2700m***
FL148	***FL4500m***
FL157	***FL4800m***
FL197	***FL6000m***

SID	ROUTING
BAMIK 1C	Climb to 1260′ ***(663′)***, turn RIGHT, 229° track to BAMIK.
BUDER 1C	Climb to 1260′ ***(663′)***, turn RIGHT, 179° track to BUDER.
DOPAN 2C	Climb to 1260′ ***(663′)***, turn RIGHT, 194° track to DOPAN.
LANOR 1C	Climb to 1260′ ***(663′)***, turn RIGHT, 323° track to LANOR.
TITUR 1C	Climb to 1260′ ***(663′)***, turn RIGHT, 272° track to TITUR.

CHANGES: MSA center; SID BUDER 1C established; SID DOPAN renumbered.

© JEPPESEN, 2004, 2009. ALL RIGHTS RESERVED.

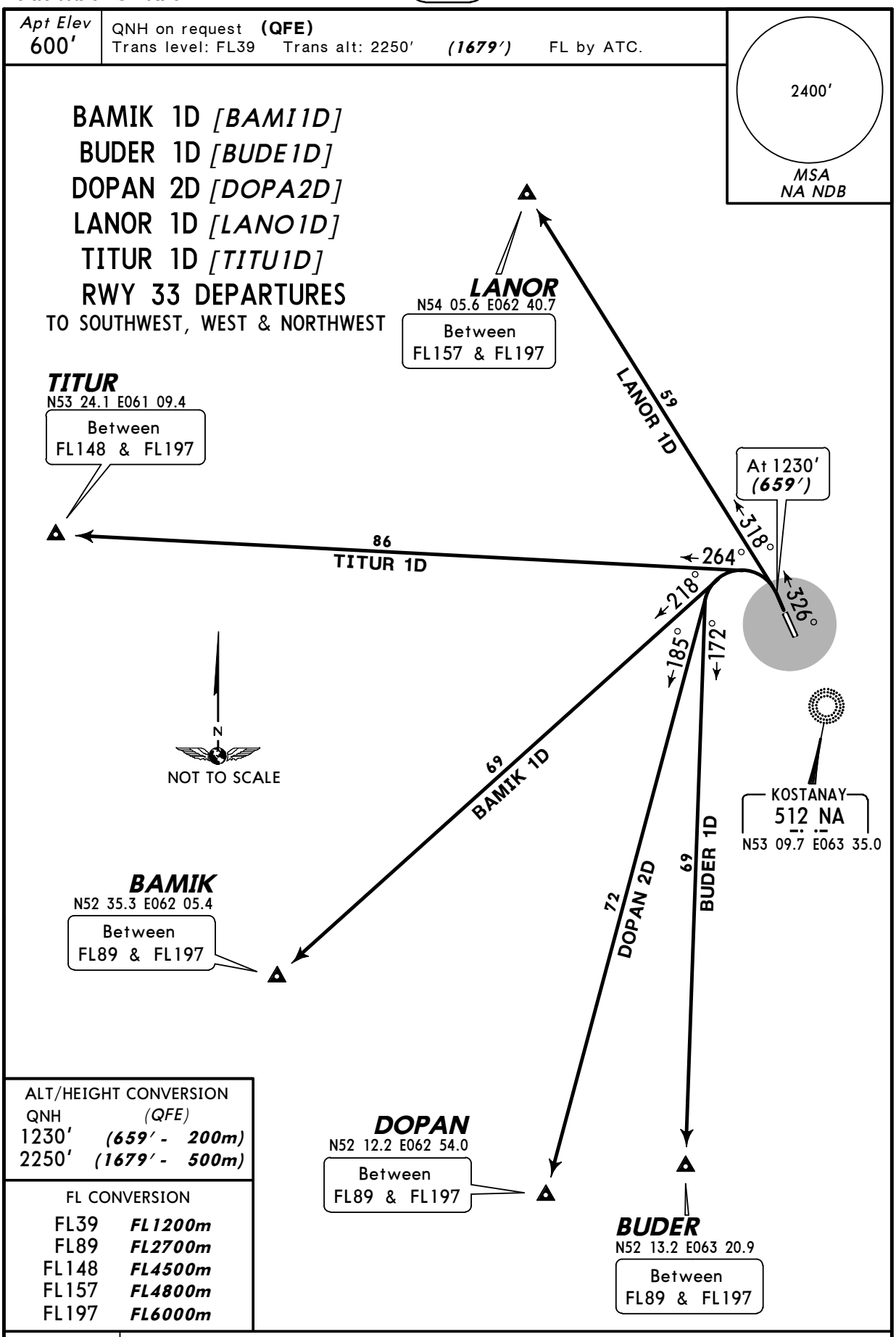
Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

UAUU/KSN NARIMANOVKA

JEPPESEN KOSTANAY, KAZAKHSTAN

6 NOV 09 (10-3C) Eff 19 Nov **SID**

Apt Elev	
600′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2250′ ***(1679′)*** FL by ATC.



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1230′	***(659′ - 200m)***
2250′	***(1679′ - 500m)***

FL CONVERSION	
FL39	***FL1200m***
FL89	***FL2700m***
FL148	***FL4500m***
FL157	***FL4800m***
FL197	***FL6000m***

SID	ROUTING
BAMIK 1D	Climb to 1230′ ***(659′)***, turn LEFT, 218° track to BAMIK.
BUDER 1D	Climb to 1230′ ***(659′)***, turn LEFT, 172° track to BUDER.
DOPAN 2D	Climb to 1230′ ***(659′)***, turn LEFT, 185° track to DOPAN.
LANOR 1D	Climb to 1230′ ***(659′)***, turn LEFT, 318° track to LANOR.
TITUR 1D	Climb to 1230′ ***(659′)***, turn LEFT, 264° track to TITUR.

CHANGES: MSA center; SID BUDER 1D established; SID DOPAN renumbered.

© JEPPESEN, 2004, 2009. ALL RIGHTS RESERVED.

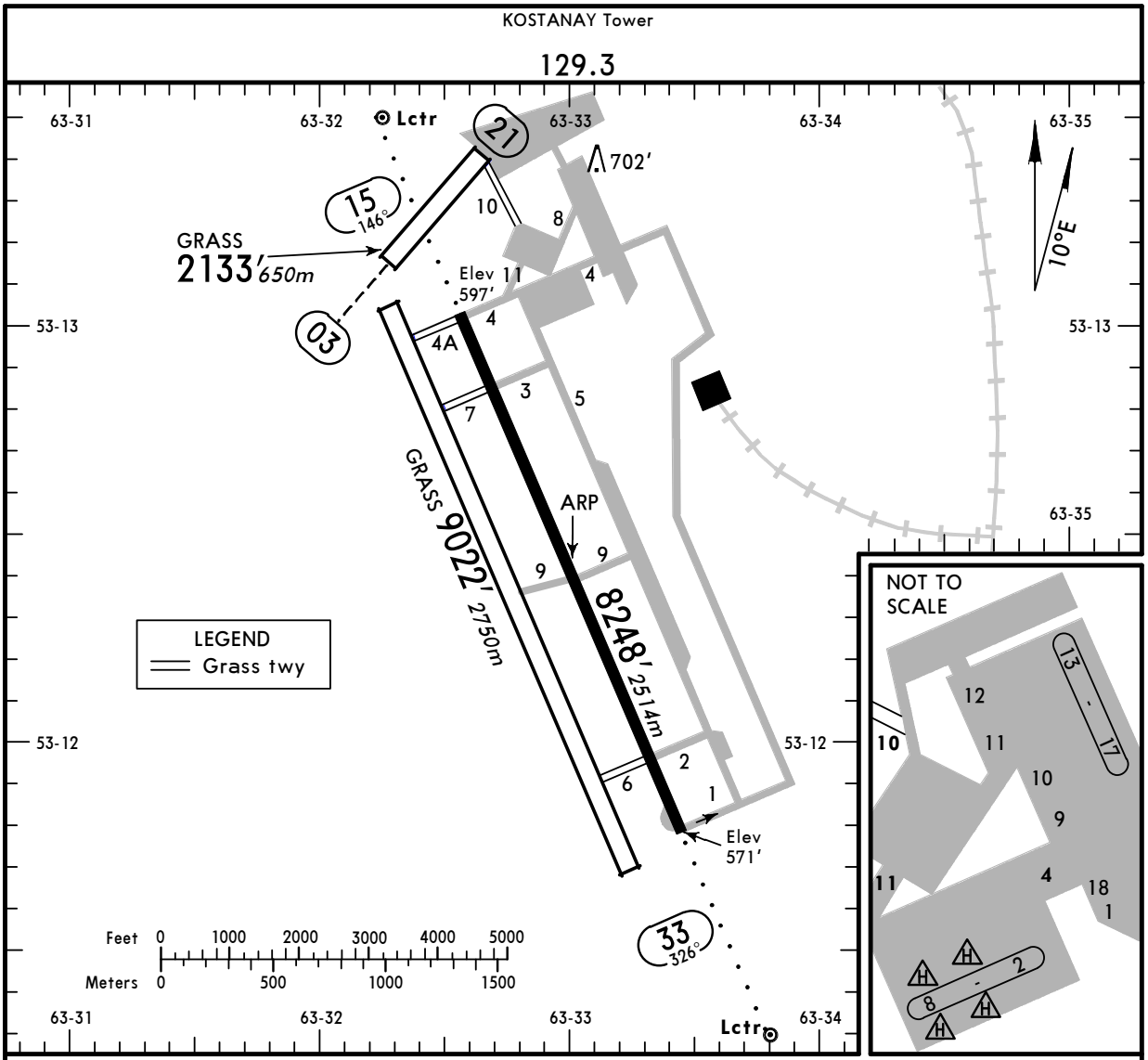
Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

UAUU/KSN

Apt Elev **600′**
N53 12.4 E063 33.0

JEPPESEN **KOSTANAY, KAZAKHSTAN**
NARIMANOVKA

16 JUL 10 (10-9) **Eff 29 Jul**



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS LANDING BEYOND Threshold	Glide Slope	TAKE-OFF	WIDTH
03 / 21					328′ *100m*
15 / 33	RL *(60m)* ALS RVR		7337′ *2236m* / 7215′ *2199m*		157′ *48m*
15 / 33	Grass runway				328′ *100m*

TAKE-OFF

AIR CARRIER (JAA)
All Rwys

	DAY RL	DAY RCLM	NIGHT RL
A	*400m* [1]	*400m* [1]	*400m* [1]
B			
C		*500m*	*400m*
D			

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

CHANGES: ATIS frequency removed. Parking positions revised.

© JEPPESEN, 2001, 2010. ALL RIGHTS RESERVED.

Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

JEPPESEN
JeppView 3.7.1.0

UAUU/KSN NARIMANOVKA

JEPPESEN 16 JUL 10 Eff 29 Jul (11-1)

KOSTANAY, KAZAKHSTAN ILS or 2 NDB Rwy 15

BRIEFING STRIP ™

KOSTANAY Tower
129.3

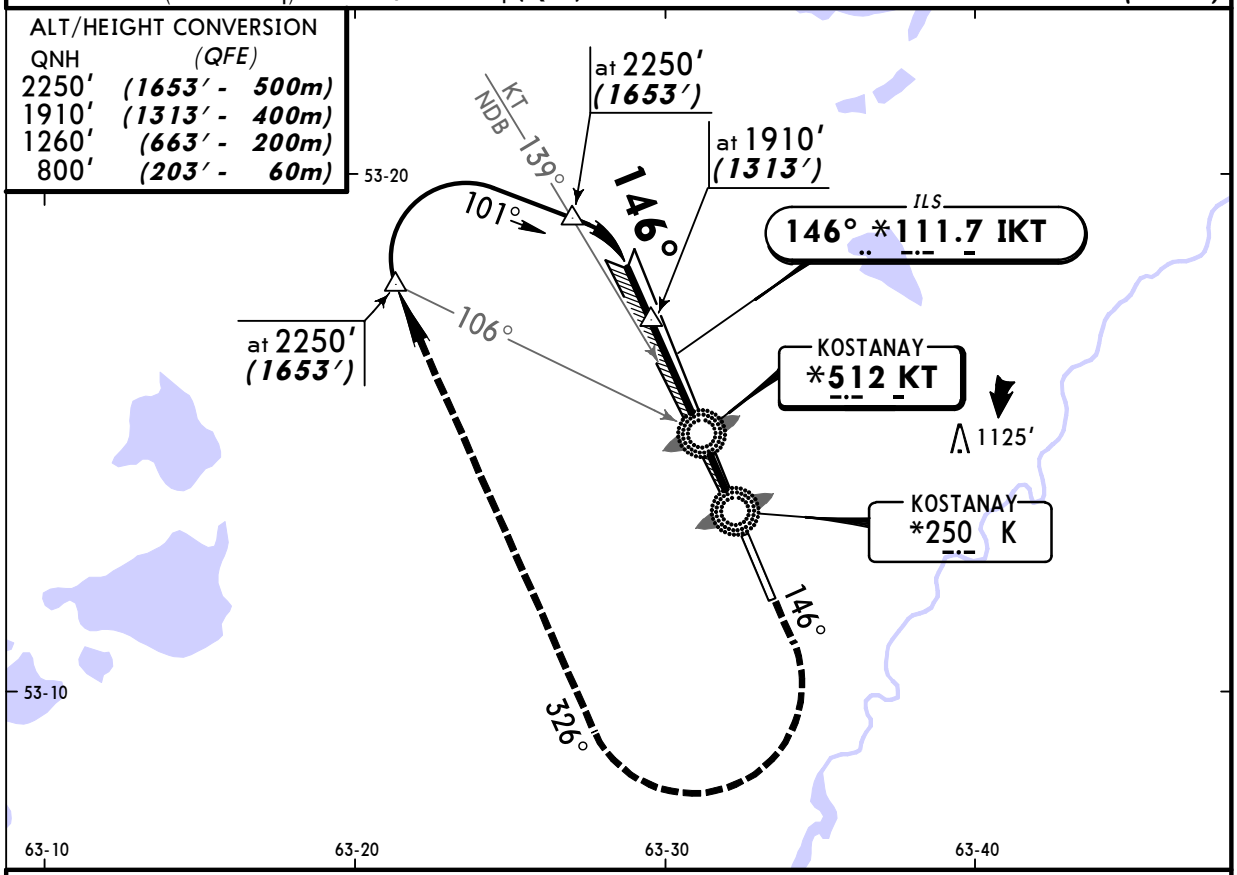
LOC IKT *111.7	Final Apch Crs 146°	GS LOM 1253′(656′)	ILS DA(H) Refer to Minimums	Apt Elev 600′ RWY 597′	2400′ MSA ARP
NDB KT *512		Minimum Alt LOM 1260′(663′)	NDB MDA(H) 930′(333′)		

MISSED APCH: Climb on 146° to 1260′ (663′), then turn RIGHT onto 326° climbing to 2250′ (1653′), then according to chart.

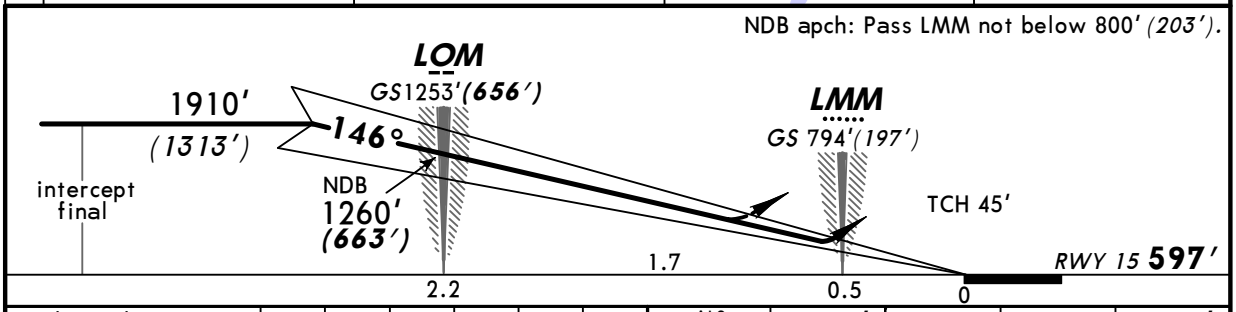
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2250′ (1653′)

ALT/HEIGHT CONVERSION

QNH	(QFE)	
2250′	(1653′ -	500m)
1910′	(1313′ -	400m)
1260′	(663′ -	200m)
800′	(203′ -	60m)



NDB apch: Pass LMM not below 800′ (203′).



Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Desc Angle 2.67°	336	432	480	576	671	767

ALS: 1260′ (663′) on 146° — 326° RT — 2250′ (1653′)

STRAIGHT-IN LANDING RWY 15

ILS DA(H) AB: 797′(200′) CD: 827′(230′) FULL	ILS DA(H) AB: 797′(200′) CD: 827′(230′) ALS out	LOC (GS out)	NDB MDA(H) 930′(333′)	NDB MDA(H) 930′(333′) ALS out
1200m		NOT AUTH	RVR 1500m VIS 1600m	

PANS OPS: A, B, C, D

CHANGES: ATIS frequency removed.

© JEPPESEN, 1998, 2010. ALL RIGHTS RESERVED.

Licensed to npan. Printed on 11 Sep 2010.
NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 17-2010

JEPPESEN
JeppView 3.7.1.0

UAUU/KSN NARIMANOVKA

JEPPESEN 16 JUL 10 Eff 29 Jul (11-2)

KOSTANAY, KAZAKHSTAN ILS or 2 NDB Rwy 33

BRIEFING STRIP ™

KOSTANAY Tower
129.3

LOC INA *110.7	Final Apch Crs 326°	GS/ Minimum Alt LOM 1260′(689′)	ILS DA(H) Refer to Minimums	Apt Elev 600′
NDB NA *512			NDB MDA(H) 940′(369′)	RWY 571′

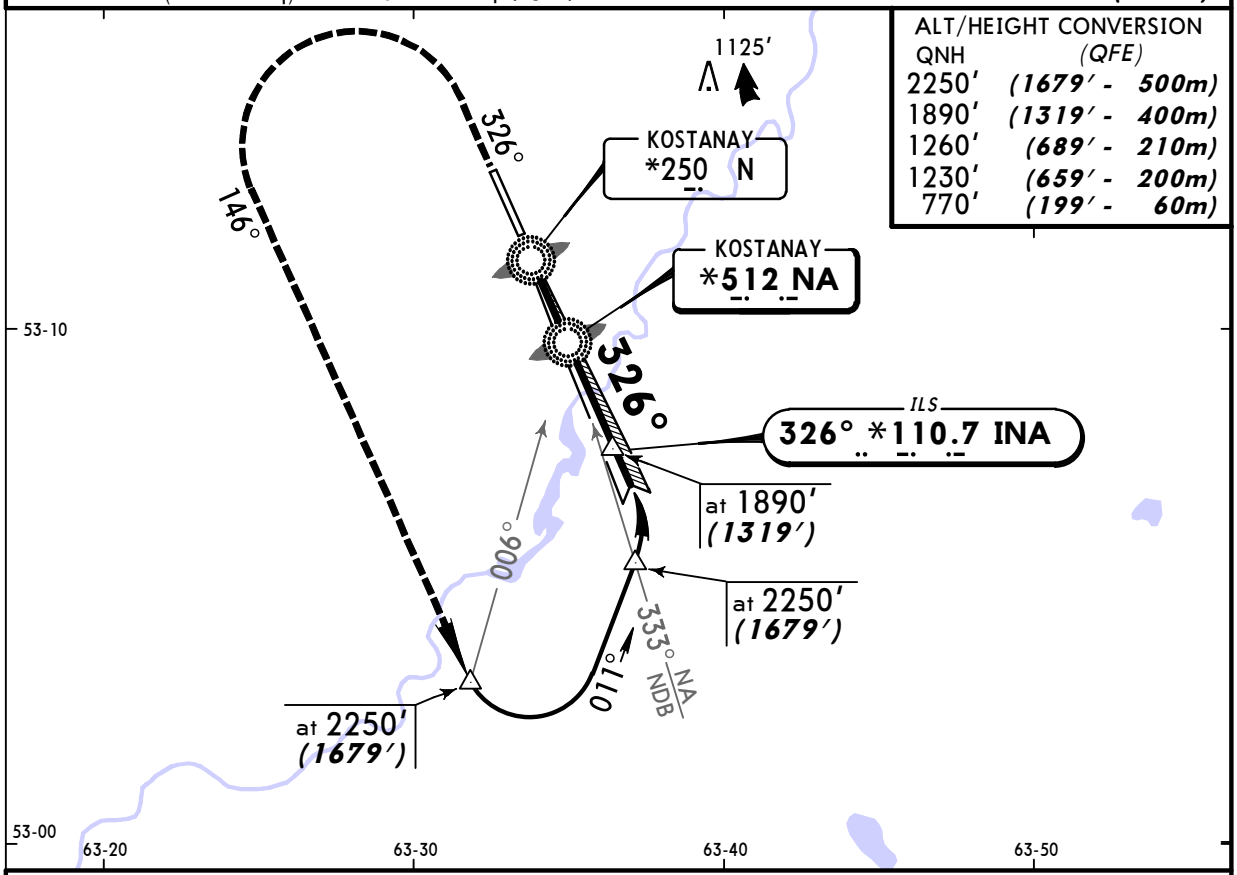
2400′ MSA ARP

MISSED APCH: Climb on 326° to 1230′ (659′), then turn LEFT onto 146° climbing to 2250′ (1679′), then according to chart.

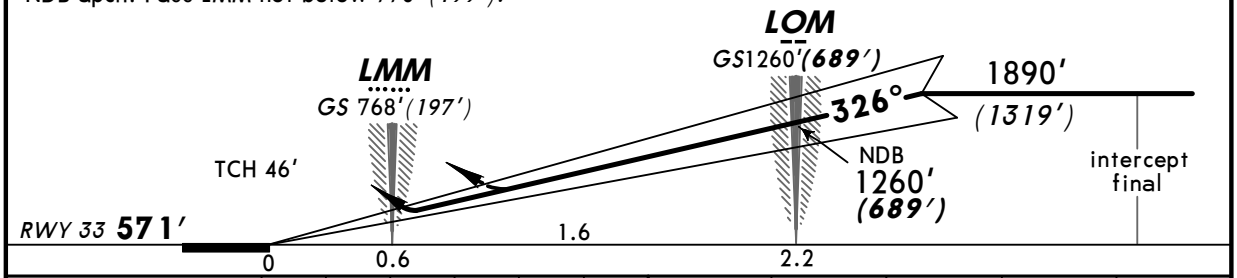
Alt Set: MM (hPa on req) QNH on req **(QFE)** Trans level: FL 39 Trans alt: 2250′ (1679′)

ALT/HEIGHT CONVERSION

QNH	(QFE)
2250′	(1679′ - 500m)
1890′	(1319′ - 400m)
1260′	(689′ - 210m)
1230′	(659′ - 200m)
770′	(199′ - 60m)



NDB apch: Pass LMM not below 770′ (199′).



Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Desc Angle 2.67°	336	432	480	576	671	767

ALS 1230′ (659′) on 326° 146° LT 2250′ (1679′)

STRAIGHT-IN LANDING RWY 33

ILS		LOC (GS out)	NDB	
DA(H) AB: 771′(200′) CD: 801′(230′)			MDA(H) 940′(369′)	
FULL	ALS out			ALS out

PANS OPS

A	1200m	NOT AUTH	1700m	
B				
C				
D				

CHANGES: ATIS frequency removed.

© JEPPESEN, 1998, 2010. ALL RIGHTS RESERVED.