

List of pages in this Trip Kit

Trip Kit Index
Airport Information For UAUU
Terminal Charts For UAUU
Revision Letter For Cycle 17-2013
Change Notices
Notebook

General Information

Location: Kostanay Kaz
IATA Code: KSN
Lat/Long: N53° 12.4' E063° 33.0'
Elevation: 600 ft

Airport Use: Public
Magnetic Variation: 11.8°E

Fuel Types: 100-130 Octane, 115-145 Octane, 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: 0044 Z
Sunset: 1452 Z,

Runway Information

Runway: 15
Length x Width: 8248 ft x 157 ft
Surface Type: asphalt
TDZ-Elev: 597 ft
Lighting: Edge, ALS

Runway: 33
Length x Width: 8248 ft x 157 ft
Surface Type: asphalt
TDZ-Elev: 571 ft
Lighting: Edge, ALS

Communication Information

Kostanay Tower 129.3

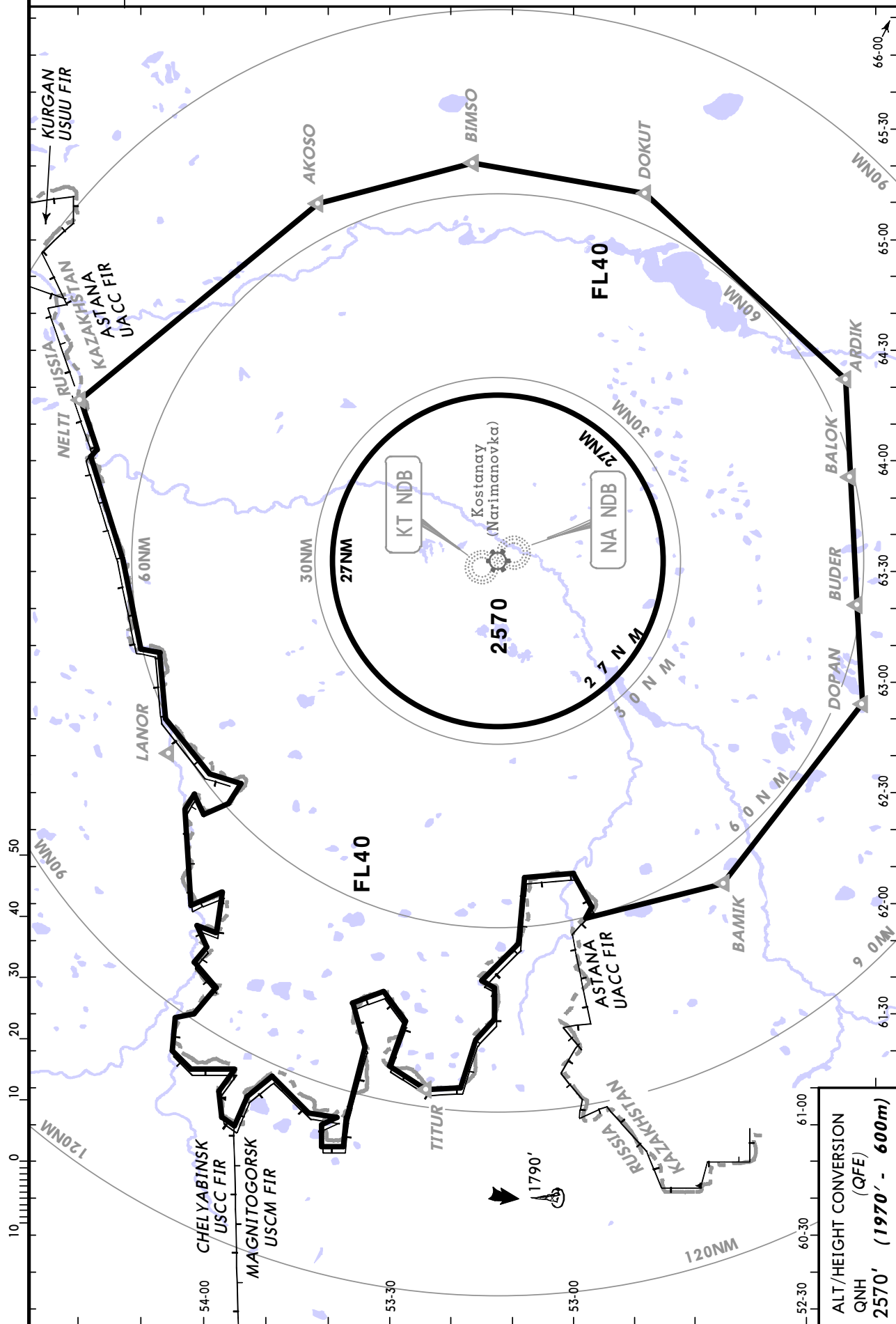
Apt Elev
600'

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

Trans level: FL40 Trans alt: 2570' (1970')

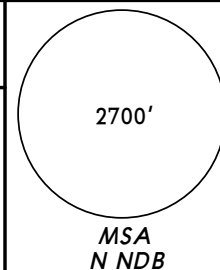
1. Chart only to be used for cross-checking of altitudes assigned while under radar control.

2. Levels assigned by ATC include a correction for low temperature effect when necessary.



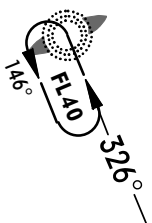
Apt Elev
600'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2570' (1973')



AKOSO 3A [AKOS3A], ARDIK 3A [ARDI3A]
BALOK 2A [BALO2A], BIMSO 3A [BIMS3A]
DOKUT 3A [DOKU3A], NELTI 3A [NELT3A]
RWY 15 ARRIVALS

HOLDING
OVER N



(IAF)
250 N
N53 11.3 E063 33.8
At FL40

BALOK
N52 14.3 E063 55.7
Between
FL200 & FL90

NELTI
N54 19.7 E064 16.5
Between
FL200 & FL170

AKOSO
N53 41.7 E065 09.7
Between
FL200 & FL90

BIMSO
N53 16.5 E065 20.6
Between
FL200 & FL90

DOKUT
N52 48.2 E065 12.5
Between
FL200 & FL90

ARDIK
N52 15.0 E064 22.1
Between
FL200 & FL90

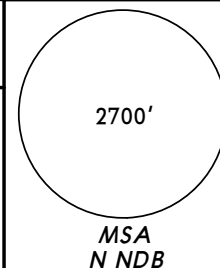


ALT/HEIGHT CONVERSION
QNH (QFE)
2570' (1973' - 600m)

STAR	ROUTING
AKOSO 3A	Intercept 232° bearing to N.
ARDIK 3A	Intercept 322° bearing to N.
BALOK 2A	Intercept 336° bearing to N.
BIMSO 3A	Intercept 255° bearing to N.
DOKUT 3A	Intercept 281° bearing to N.
NELTI 3A	Intercept 190° bearing to N.

Apt Elev
600'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2570' (1999')



AKOSO 2B [AKOS2B], ARDIK 2B [ARDI2B]
BALOK 1B [BALO1B], BIMSO 2B [BIMS2B]
DOKUT 2B [DOKU2B], NELTI 2B [NELT2B]
RWY 33 ARRIVALS

HOLDING
OVER N



(IAF)
250 N
N53 11.3 E063 33.8
At FL40

BALOK
N52 14.3 E063 55.7
Between
FL200 & FL90

NELTI
N54 19.7 E064 16.5
Between
FL200 & FL170

AKOSO
N53 41.7 E065 09.7
Between
FL200 & FL90

BIMSO
N53 16.5 E065 20.6
Between
FL200 & FL90

DOKUT
N52 48.2 E065 12.5
Between
FL200 & FL90

ARDIK
N52 15.0 E064 22.1
Between
FL200 & FL90

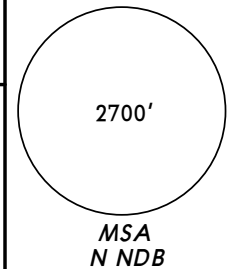


ALT/HEIGHT CONVERSION
QNH (QFE)
2570' (1999' - 600m)

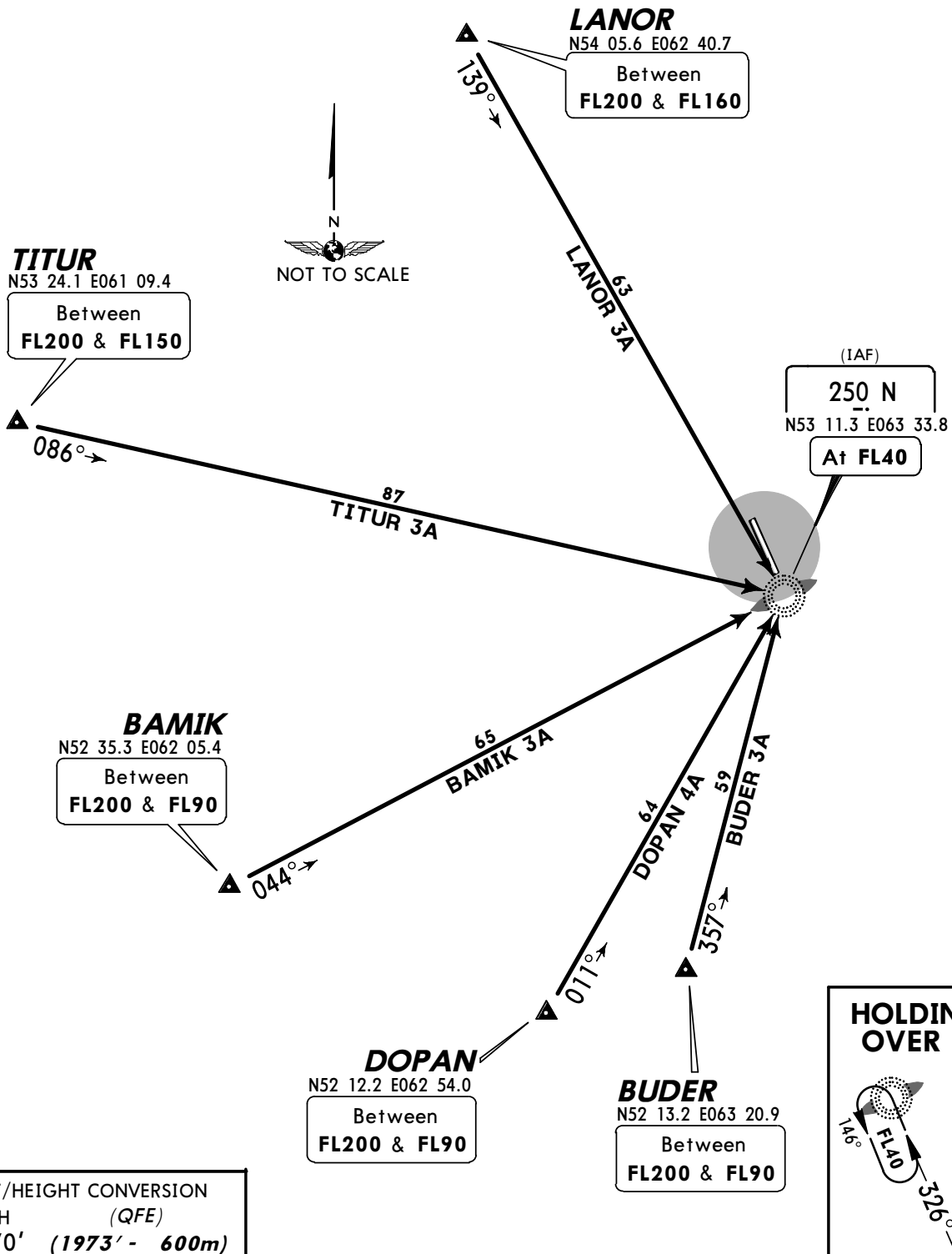
STAR	ROUTING
AKOSO 2B	Intercept 232° bearing to N.
ARDIK 2B	Intercept 322° bearing to N.
BALOK 1B	Intercept 336° bearing to N.
BIMSO 2B	Intercept 255° bearing to N.
DOKUT 2B	Intercept 281° bearing to N.
NELTI 2B	Intercept 190° bearing to N.

Apt Elev
600'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2570' (1973')



BAMIK 3A [BAMI3A], BUDER 3A [BUDE3A]
DOPAN 4A [DOPA4A], LANOR 3A [LANO3A]
TITUR 3A [TITU3A]
RWY 15 ARRIVALS



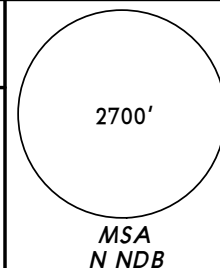
STAR

ROUTING

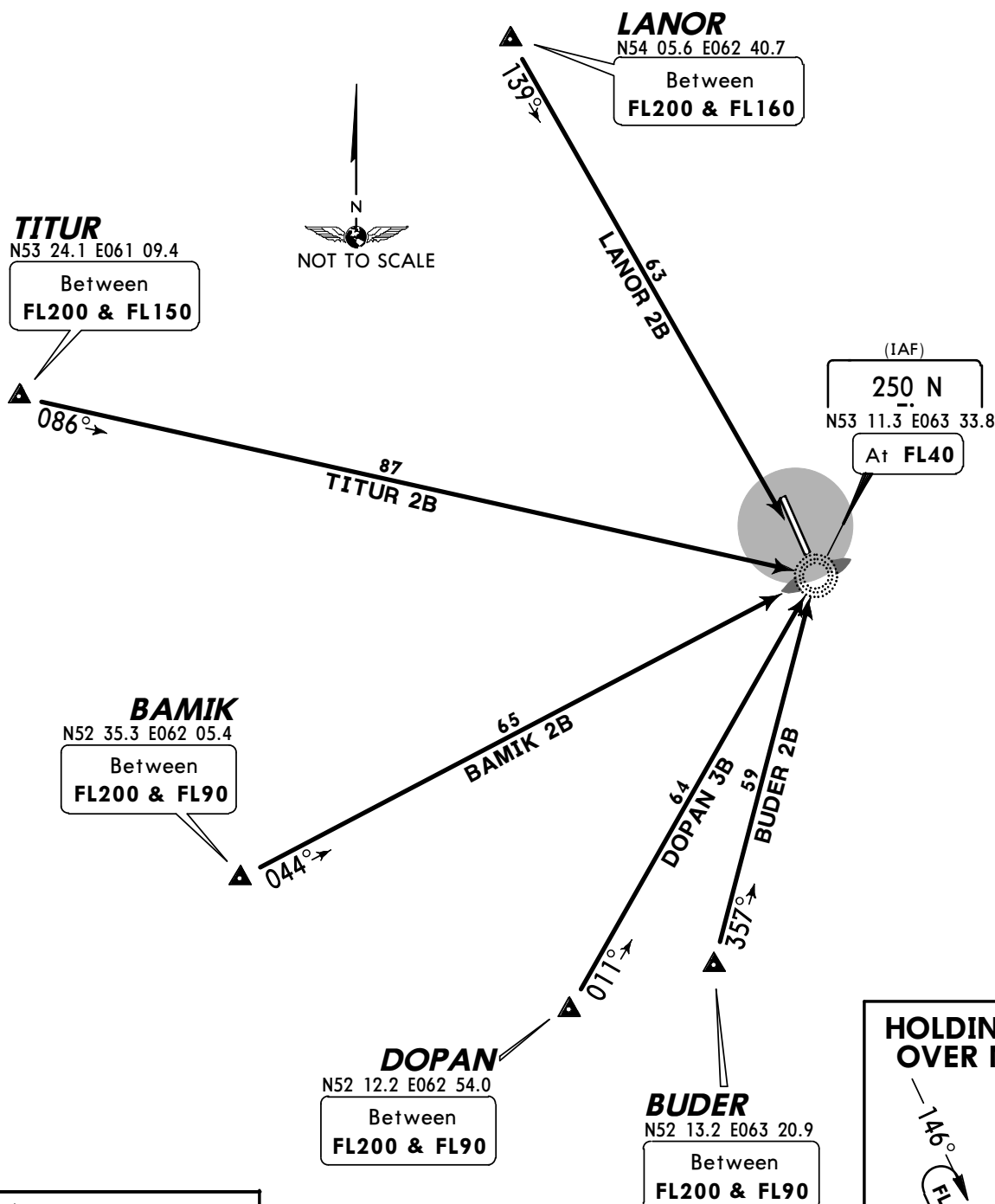
BAMIK 3A	Intercept 044° bearing to N.
BUDER 3A	Intercept 357° bearing to N.
DOPAN 4A	Intercept 011° bearing to N.
LANOR 3A	Intercept 139° bearing to N.
TITUR 3A	Intercept 086° bearing to N.

Apt Elev
600'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt: 2570' (1999')



BAMIK 2B [BAMI2B], BUDER 2B [BUDE2B]
DOPAN 3B [DOPA3B], LANOR 2B [LANO2B]
TITUR 2B [TITU2B]
RWY 33 ARRIVALS

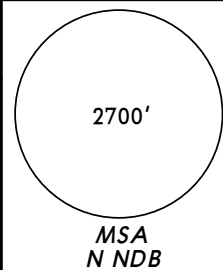


ALT/HEIGHT CONVERSION
QNH (QFE)
2570' (1999' - 600m)

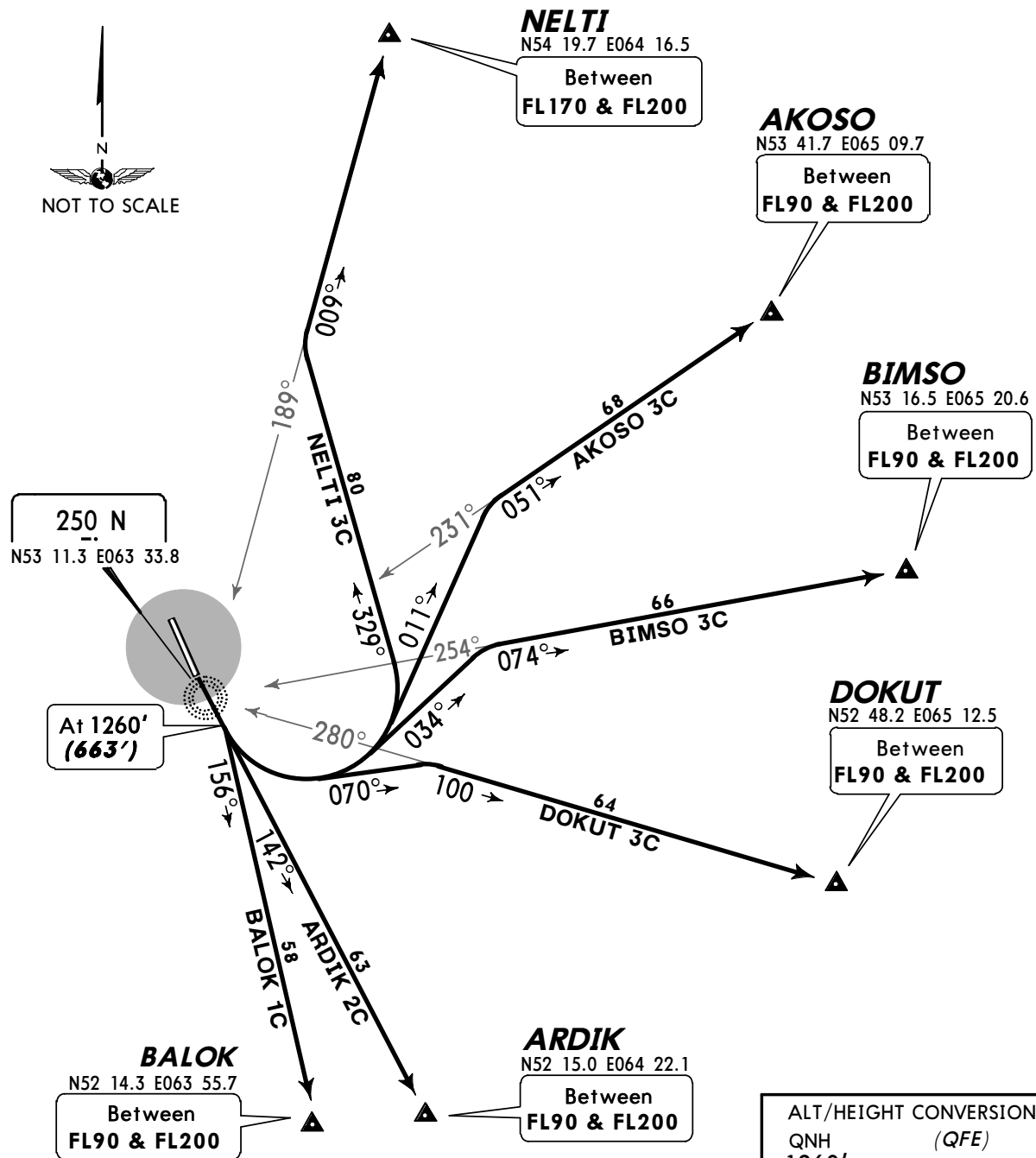
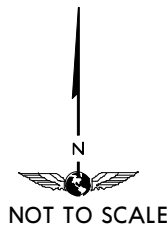
STAR	ROUTING
BAMIK 2B	Intercept 044° bearing to N.
BUDER 2B	Intercept 357° bearing to N.
DOPAN 3B	Intercept 011° bearing to N.
LANOR 2B	Intercept 139° bearing to N.
TITUR 2B	Intercept 086° bearing to N.

Apt Elev
600'

QNH on request (QFE)
Trans level: FL40 Trans alt: 2570' (1973')



AKOSO 3C [AKOS3C], ARDIK 2C [ARDI2C]
BALOK 1C [BALO1C], BIMSO 3C [BIMS3C]
DOKUT 3C [DOKU3C], NELTI 3C [NELT3C]
RWY 15 DEPARTURES

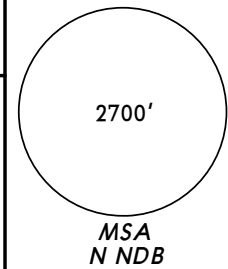


SID	ROUTING
AKOSO 3C	Climb to 1260' (663') , turn LEFT, 011° track, intercept 051° bearing from N to AKOSO.
ARDIK 2C	Climb to 1260' (663') , turn LEFT, 142° track to ARDIK.
BALOK 1C	Climb to 1260' (663') , turn RIGHT, 156° track to BALOK.
BIMSO 3C	Climb to 1260' (663') , turn LEFT, 034° track, intercept 074° bearing from N to BIMSO.
DOKUT 3C	Climb to 1260' (663') , turn LEFT, 070° track, intercept 100° bearing from N to DOKUT.
NELTI 3C	Climb to 1260' (663') , turn LEFT, 329° track, intercept 009° bearing from N to NELTI.

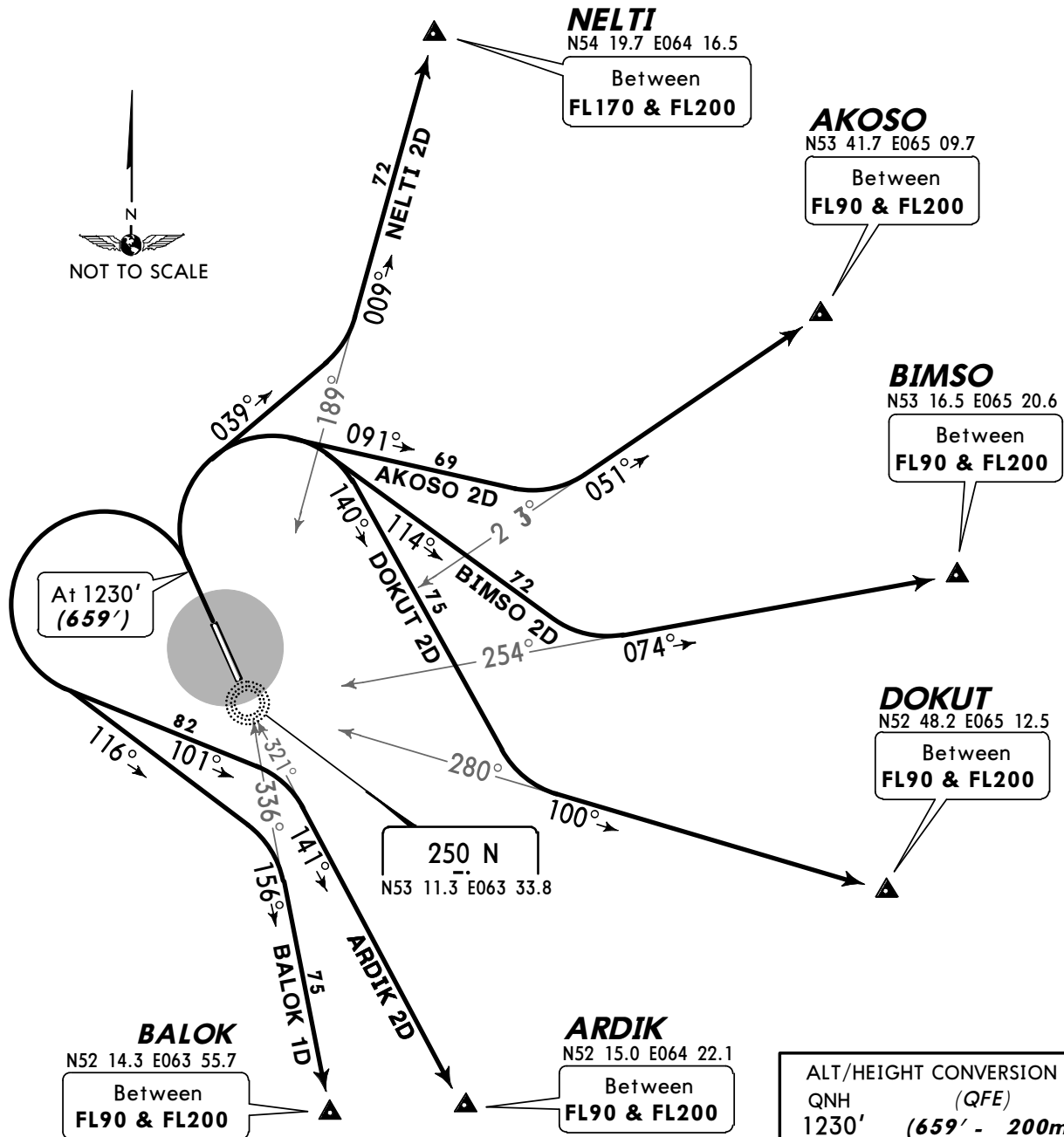
Apt Elev
600'

QNH on request (QFE)

Trans level: FL40 Trans alt: 2570' (1999')



AKOSO 2D [AKOS2D], ARDIK 2D [ARDI2D]
BALOK 1D [BALO1D], BIMSO 2D [BIMS2D]
DOKUT 2D [DOKU2D], NELTI 2D [NELT2D]
RWY 33 DEPARTURES

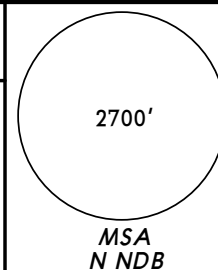


ALT/HEIGHT CONVERSION
QNH (QFE)
1230' (659' - 200m)
2570' (1999' - 600m)

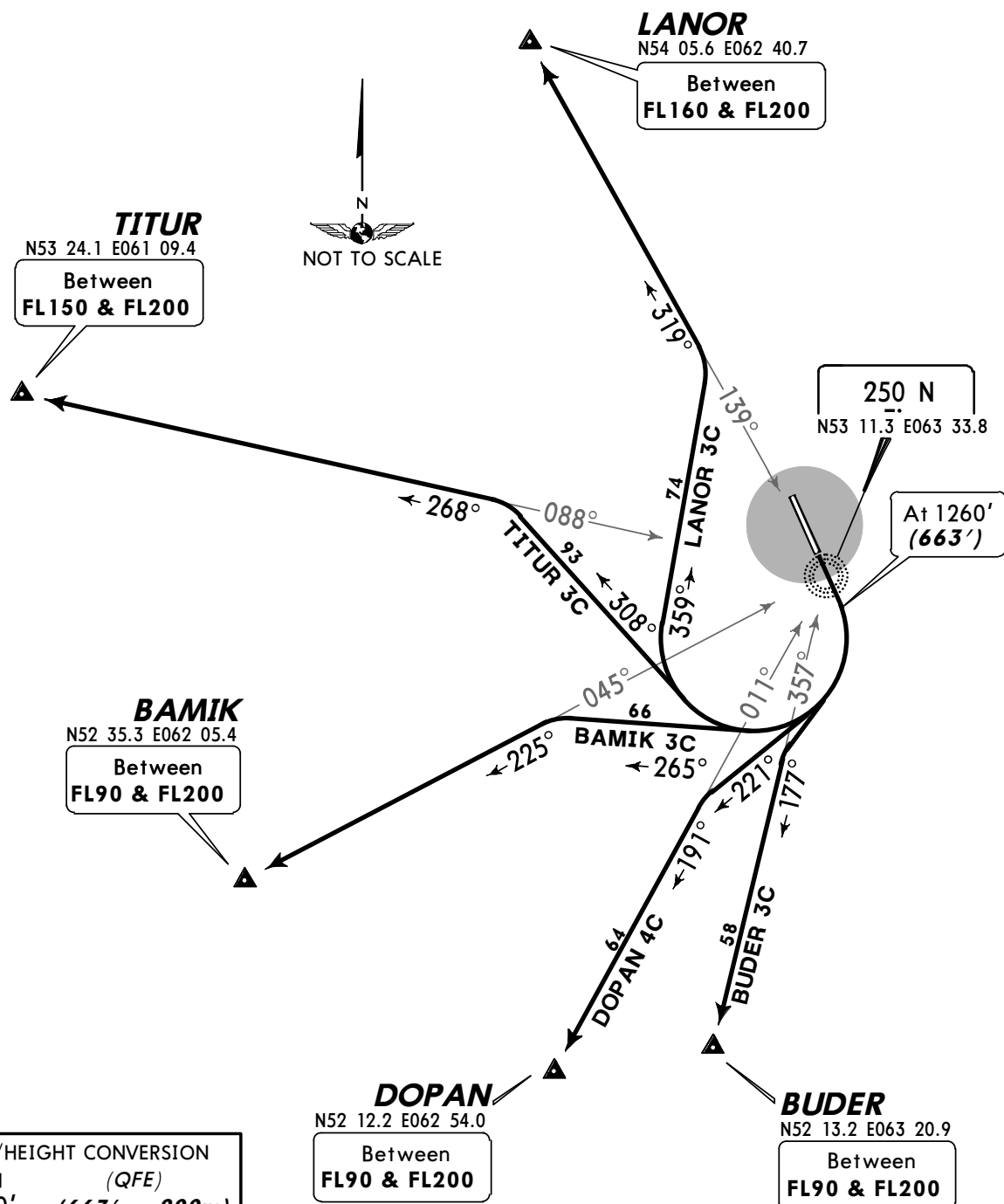
SID	ROUTING
AKOSO 2D	Climb to 1230' (659') , turn RIGHT, 091° track, intercept 051° bearing from N to AKOSO.
ARDIK 2D	Climb to 1230' (659') , turn LEFT, 101° track, intercept 141° bearing from N to ARDIK.
BALOK 1D	Climb to 1230' (659') , turn LEFT, 116° track, intercept 156° bearing from N to BALOK.
BIMSO 2D	Climb to 1230' (659') , turn RIGHT, 114° track, intercept 074° bearing from N to BIMSO.
DOKUT 2D	Climb to 1230' (659') , turn RIGHT, 140° track, intercept 100° bearing from N to DOKUT.
NELTI 2D	Climb to 1230' (659') , turn RIGHT, 039° track, intercept 009° bearing from N to NELTI.

Apt Elev
600'

QNH on request (QFE)
Trans level: FL40 Trans alt: 2570' (1973')



BAMIK 3C [BAMI3C], BUDER 3C [BUDE3C]
DOPAN 4C [DOPA4C], LANOR 3C [LANO3C]
TITUR 3C [TITU3C]
RWY 15 DEPARTURES



ALT/HEIGHT CONVERSION
QNH (QFE)
1260' (663' - 200m)
2570' (1973' - 600m)

SID	ROUTING
BAMIK 3C	Climb to 1260' (663') , turn RIGHT, 265° track, intercept 225° bearing from N to BAMIK.
BUDER 3C	Climb to 1260' (663') , turn RIGHT, intercept 177° bearing from N to BUDER.
DOPAN 4C	Climb to 1260' (663') , turn RIGHT, 221° track, intercept 191° bearing from N to DOPAN.
LANOR 3C	Climb to 1260' (663') , turn RIGHT, 359° track, intercept 319° bearing from N to LANOR.
TITUR 3C	Climb to 1260' (663') , turn RIGHT, 308° track, intercept 268° bearing from N to TITUR.

Apt Elev
600'

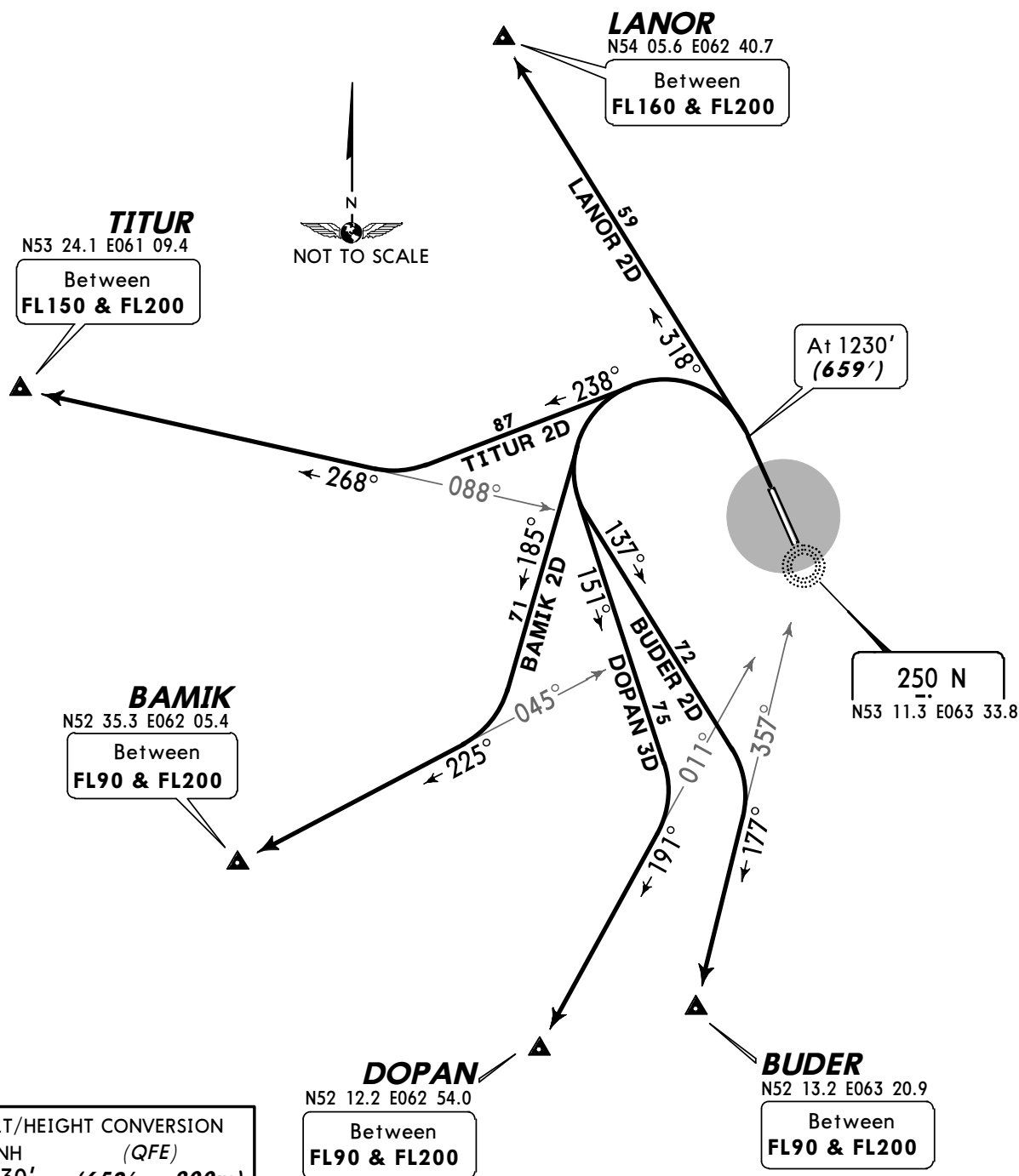
QNH on request (QFE)

Trans level: FL40 Trans alt: 2570' (1999')

2700'

MSA
N NDB

BAMIK 2D [BAMI2D], BUDER 2D [BUDE2D]
DOPAN 3D [DOPA3D], LANOR 2D [LANO2D]
TITUR 2D [TITU2D]
RWY 33 DEPARTURES

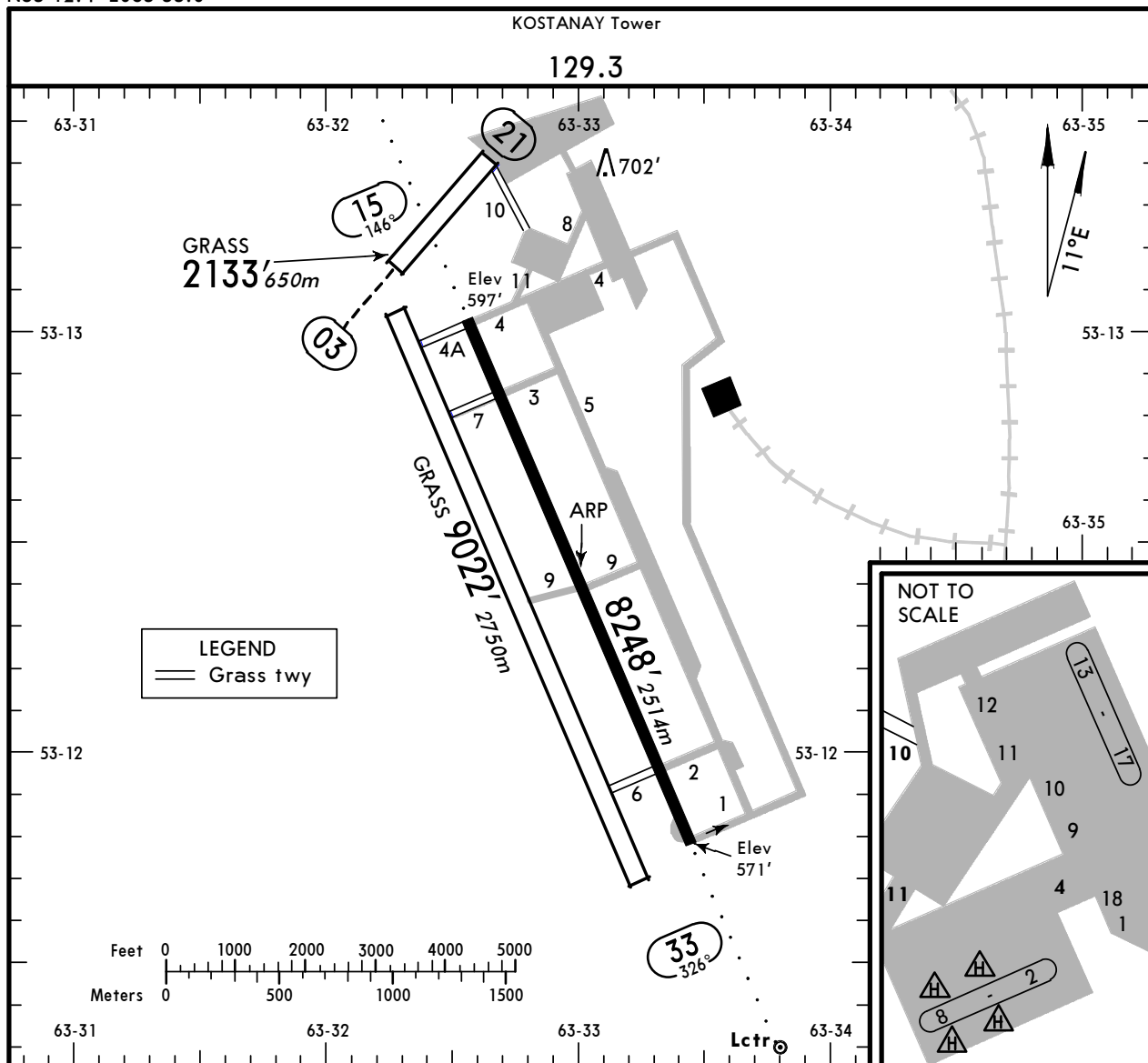


ALT/HEIGHT CONVERSION
QNH (QFE)
1230' (659' - 200m)
2570' (1999' - 600m)

SID	ROUTING
BAMIK 2D	Climb to 1230' (659') , turn LEFT, 185° track, intercept 225° bearing from N to BAMIK.
BUDER 2D	Climb to 1230' (659') , turn LEFT, 137° track, intercept 177° bearing from N to BUDER.
DOPAN 3D	Climb to 1230' (659') , turn LEFT, 151° track, intercept 191° bearing from N to DOPAN.
LANOR 2D	Climb to 1230' (659') , turn LEFT, 318° track to LANOR.
TITUR 2D	Climb to 1230' (659') , turn LEFT, 238° track, intercept 268° bearing from N to TITUR.

UAAU/KSN
Apt Elev 600'
N53 12.4 E063 33.0

JEPPESEN KOSTANAY, KAZAKHSTAN
23 MAR 12 (10-9) Eff 5 Apr
NARIMANOVKA



ADDITIONAL RUNWAY INFORMATION

RWY			USABLE LENGTHS		TAKE-OFF	WIDTH
			Threshold	Landing Beyond Glide Slope		
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		NIGHT
	RL	RCLM	RL
A		400m I	400m I
B			
C	400m I	500m	400m
D			

I LVP must be in force: 300m.

CHANGES: None.

© JEPPESEN, 2001, 2010. ALL RIGHTS RESERVED.

STRAIGHT-IN RWY		A	B	C	D
15	ILS	797' (200')	797' (200')	827' (230')	827' (230')
		1000m	1000m	1000m	1000m
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	NDB ❶ ❷	1030' (433')	1030' (433')	1030' (433')	1030' (433')
	ALS out	1500m 1500m	1500m 1500m	1800m 2000m	2000m 2000m
33	NDB ❸	1030' (433')	1030' (433')	1030' (433')	1030' (433')
		2000m	2000m	2200m	2200m
	ALS out	2200m	2200m	2400m	2400m
	ILS	771' (200')	771' (200')	801' (230')	801' (230')
		1000m	1000m	1000m	1000m
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	2 NDB ❶	1040' (469')	1040' (469')	1040' (469')	1040' (469')
		1500m	1500m	2000m	2000m
	ALS out	1500m	1500m	2200m	2200m
	NDB ❶ ❷	1100' (529')	1100' (529')	1100' (529')	1100' (529')
	ALS out	1500m 1500m	1500m 1500m	2200m 2400m	2200m 2400m
	NDB ❸	1100' (529')	1100' (529')	1100' (529')	1100' (529')
	ALS out	2400m 2600m	2400m 2600m	2600m 2800m	2600m 2800m

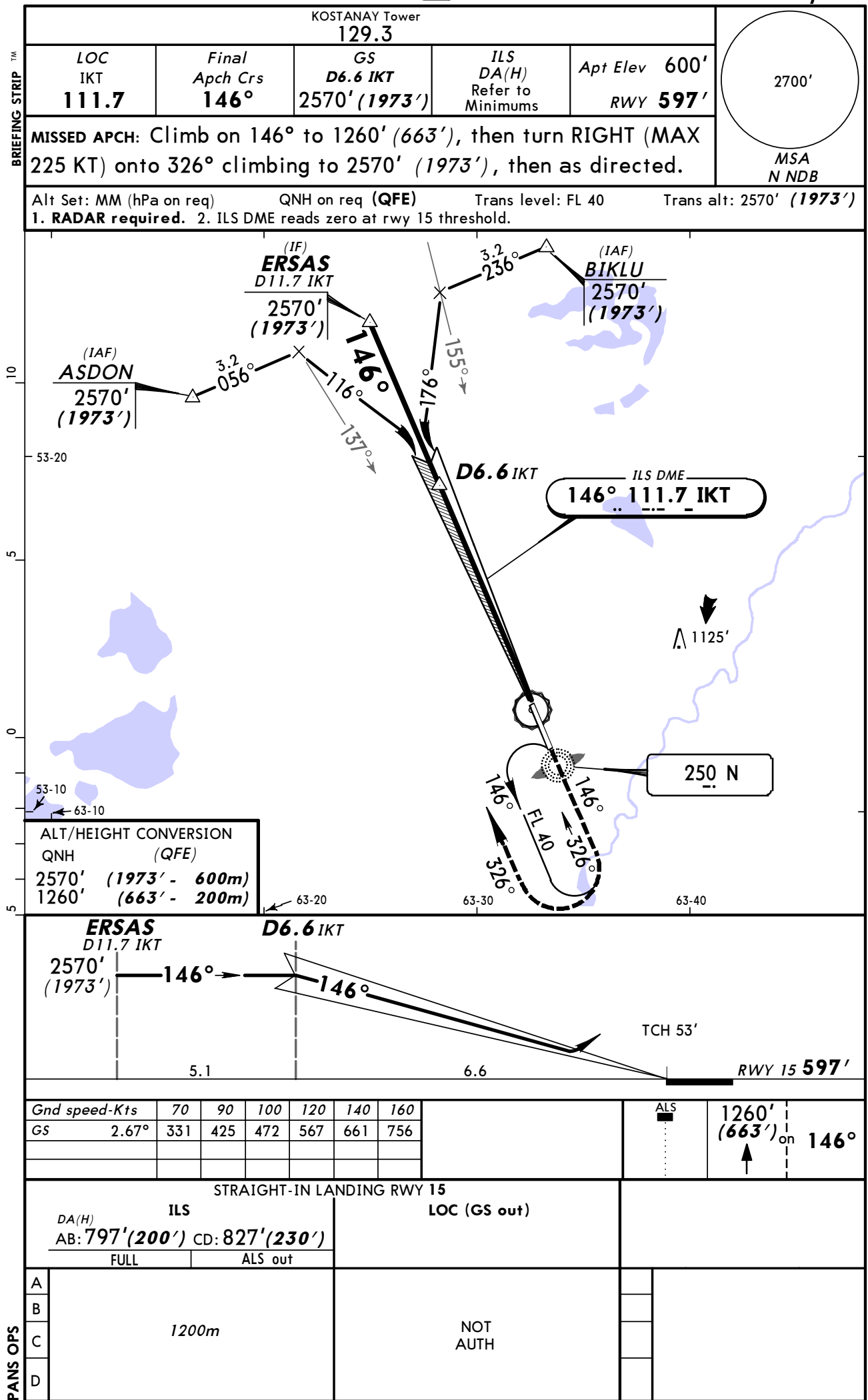
❶ Continuous Descent Final Approach.

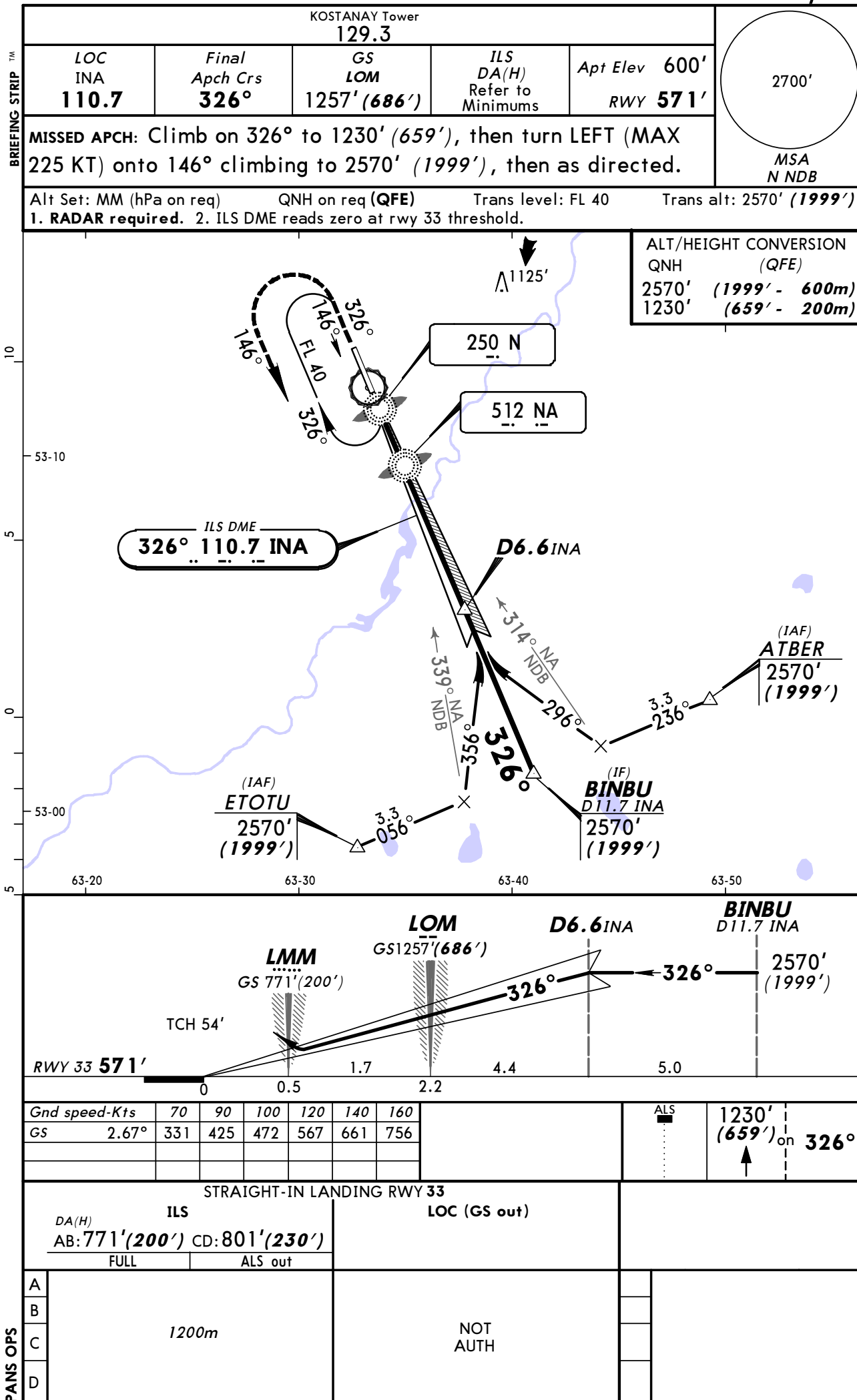
❷ With FMS.

❸ W/o FMS.

TAKE-OFF RWY 15, 33		
	DAY	NIGHT
	RL	RL
A	400m ❶	400m ❶
B		
C		400m
D		

❶ LVP must be in force: 300m.





KOSTANAY Tower
129.3

LOC INA 110.7	Final Apch Crs 326°	GS LOM 1257' (686')	ILS DA(H) Refer to Minimums	Apt Elev 600' RWY 571'
----------------------------	----------------------------------	---------------------------	--------------------------------------	----------------------------------

MISSED APCH: Climb on 326° to 1230' (659') or above. After passing N NDB maintain 326° for 1 Min 20 Sec, then turn LEFT to N NDB. Climb initially to 2570' (1999'), then as directed.

MISSED APCH WITH COMM FAILURE: Climb to FL 40 to N NDB and join holding. Missed approach turn limited to MAX 225 KT.

2700'

MSA N NDB

Alt Set: MM (hPa on req)

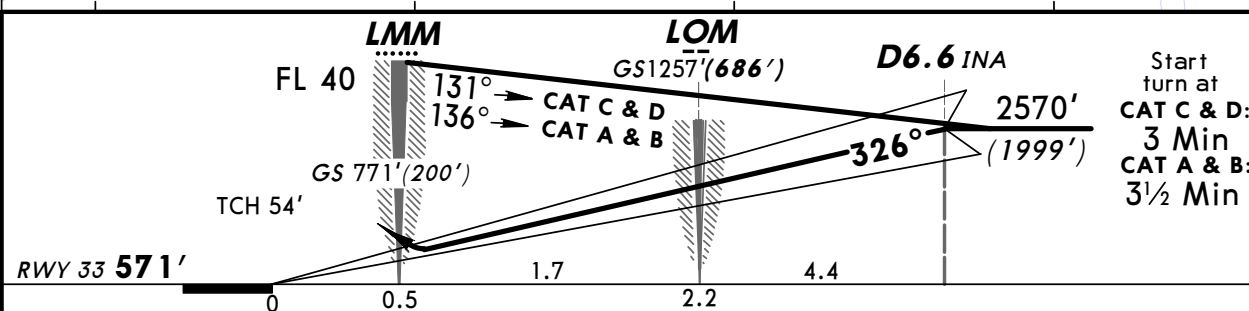
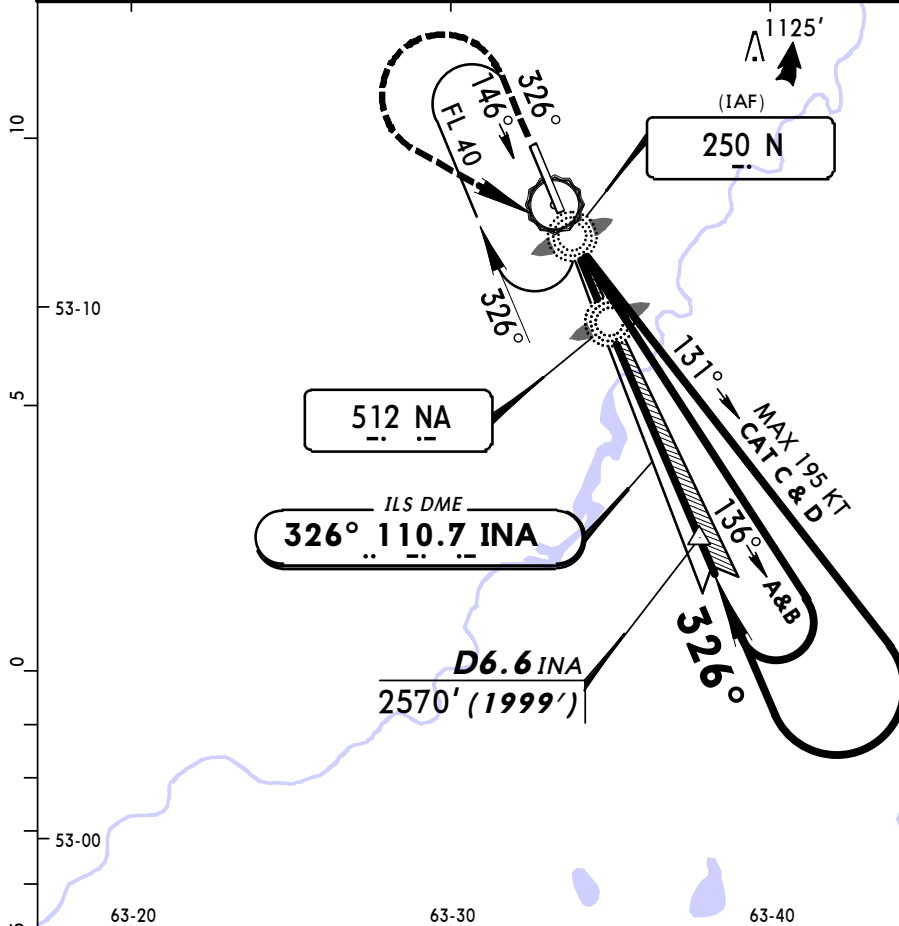
QNH on req (QFE)

Trans level: FL 40

Trans alt: 2570' (1999')

ILS DME reads zero at rwy 33 threshold.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2570'	(1999' - 600m)
1230'	(659' - 200m)



<i>Gnd speed-Kts</i>	70	90	100	120	140	160
GS 2.67°	331	425	472	567	661	756

ALS

Refer to
Missed Apch
above

STRAIGHT-IN LANDING RWY 33

ILS	
DA(H)	
AB: 771' (200')	CD: 801' (230')
FULL	ALS out

LOC (GS out)

A	
B	
C	
D	

1200m

NOT
AUTH

PANS OPS

UAAU/KSN
NARIMANOVKA

JEPPESEN
4 MAY 12 (16-1)

KOSTANAY, KAZAKHSTAN
NDB Rwy 15

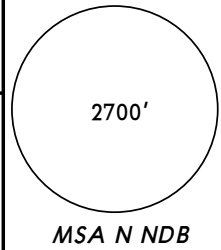
KOSTANAY Tower
129.3

BRIEFING STRIP™

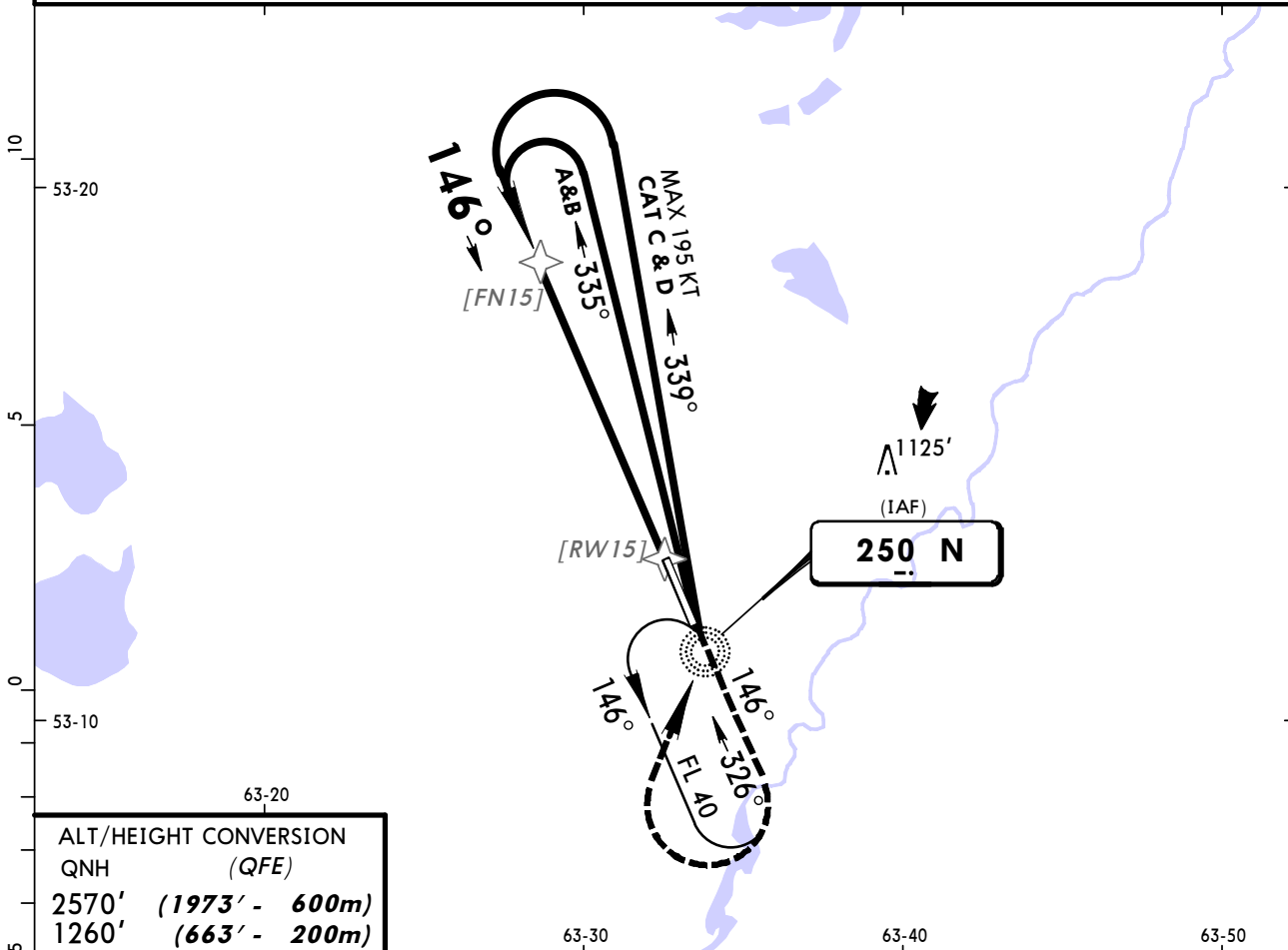
NDB N 250	Final Apch Crs 146°	Minimum Alt No FAF	MDA(H) 1030' (433')	Apt Elev 600' RWY 597'
------------------------	----------------------------------	-----------------------	-------------------------------	---

MISSED APCH: Climb on 146° to 1260' (663') or above. After passing NDB maintain 146° for 1 Min, then turn RIGHT to NDB. Climb initially to 2570' (1973'), then as directed.

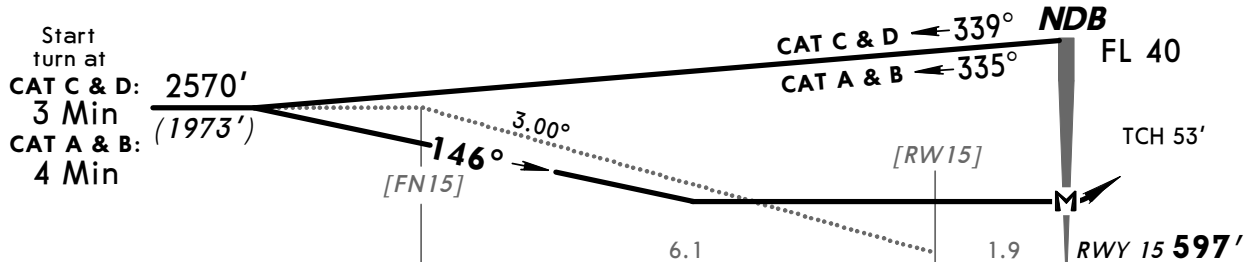
MISSED APCH WITH COMM FAILURE: Climb to FL 40 to NDB and join holding. Missed approach turn limited to MAX 225 KT.



Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 Trans alt: 2570' (1973')



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2570'	(1973' - 600m)
1260'	(663' - 200m)



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



Refer to
Missed Apch
above

STRAIGHT-IN LANDING RWY 15

MDA(H) **1030' (433')**

ALS out

PANS OPS

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

CHANGES: Minimums.

© JEPPESEN, 2010, 2012. ALL RIGHTS RESERVED.

Apt Elev 600'
RWY 571'

MSA
N NDB

Trans alt: 2570' (**1999'**)

790' (219' - 70m)



2000m

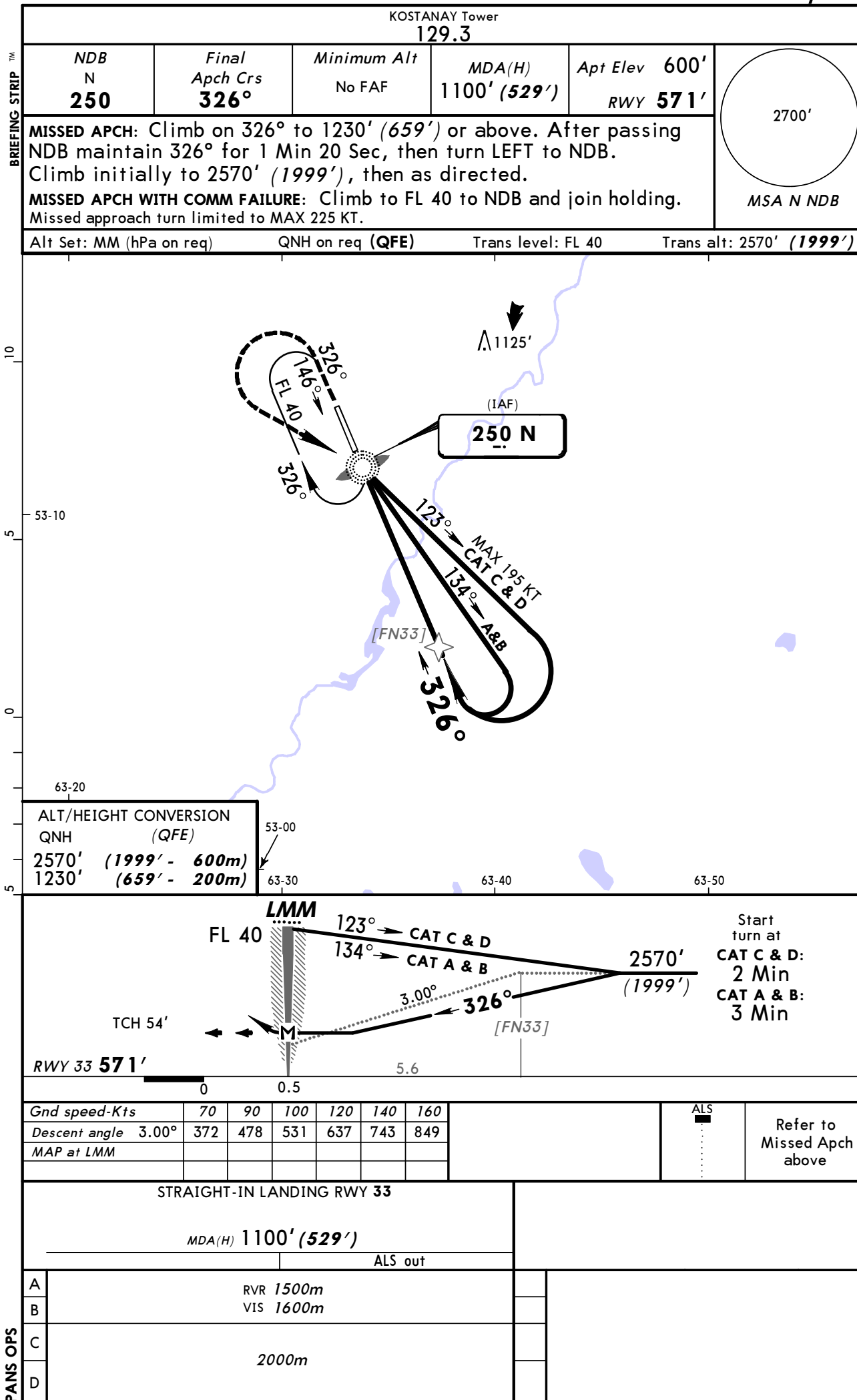




Chart changes since cycle 16-2013

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

ACT PROCEDURE IDENT

INDEX

REV DATE

EFF DATE

KOSTANAY, (NARIMANOVKA - UAUU)

TERMINAL CHART CHANGE NOTICES

Chart Change Notices for Airport UAUU

Type: Terminal

Effectivity: Permanent

Begin Date: 20130530

End Date: No end date

(10-9) New twy 12 estbld, parallel West of twy 11, stand 8 withdrawn,
stand 18 added next to stand 17, old stand 18 renamed 19