

Page 1

Changed chart(s) since Disc 22-2010

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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Pavlodar, (Pavlodar - UASP)

REV	JAA MNMS	10-9X	12 ïŸ 2010	18 ïŸ 2010
ADD	ILS Y RWY 21	11-1	12 ïŸ 2010	18 ïŸ 2010
ADD	ILS X RWY 21	11-2	12 ïŸ 2010	18 ïŸ 2010
REV	2 NDB RWY 03	16-1	12 ïŸ 2010	18 ïŸ 2010
ADD	NDB RWY 03	16-2	12 ïŸ 2010	18 ïŸ 2010
ADD	2 NDB RWY 21	16-3	12 ïŸ 2010	18 ïŸ 2010
ADD	NDB RWY 21	16-4	12 ïŸ 2010	18 ïŸ 2010

TERMINAL CHART NOTAMs

Chart NOTAMs for Airport UASP

Type: Terminal

Effectivity: Permanent

Begin Date: Immediately

End Date: No end date

Eff 8 MAY 08 Indg beyond GS rwy 21 chgd to 7108'(2166m).

General Info

Pavlodar, KAZ

N 52° 11.7' E 77° 04.4' Mag Var: 9.3°E

Elevation: 410'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+6:00 no DST

Runway Info

Runway 03-21 8202' x 148' asphalt

Runway 03 (33.0°M) TDZE 381'

Lights: Edge, ALS, TDZ

Runway 21 (213.0°M) TDZE 410'

Lights: Edge, ALS, TDZ

Communications Info

Pavlodar Tower Tower **119.8**

Notebook Info

UASP/PWQ
PAVLODAR

30 MAY 08

JEPPESSEN

10-2

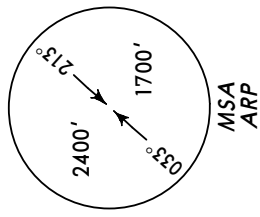
PAVLODAR, KAZAKHSTAN

STAR

Apt Elev
410'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 2380' (1999')
Crossing altitudes at airway exit points by ATC.

(QFE)

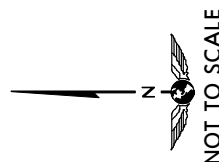
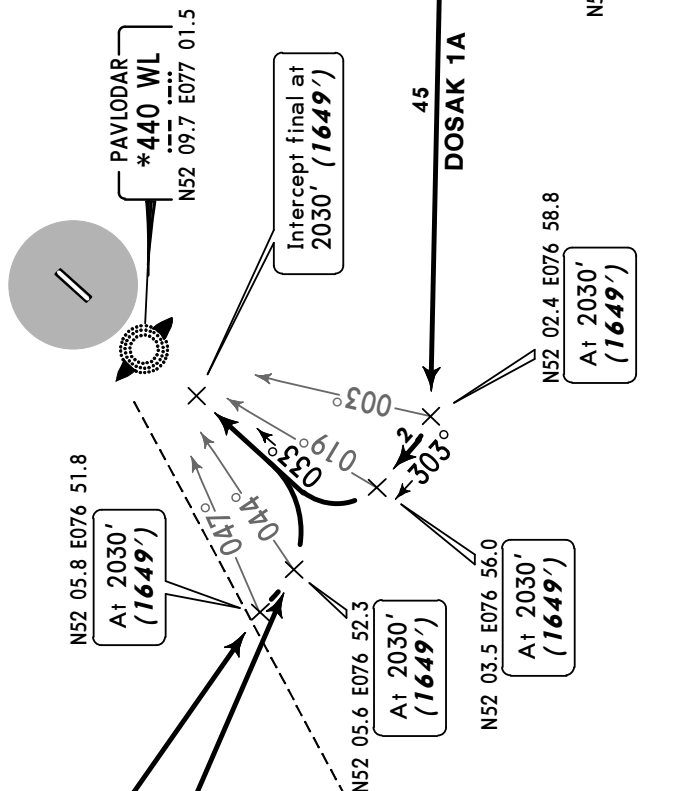


ADASA 1A
ADODA 1A
DOSAK 1A
RWY 03 ARRIVALS

FL CONVERSION	FL39	FL1200m
ALT/HEIGHT CONVERSION	QNH	(QFE)
	2380'	(1999' - 600m)
	2030'	(1649' - 500m)

ADASA
N52 46.3 E075 14.6
At or above
FL39

ADODA
N52 32.5 E075 05.9
At or above
FL39



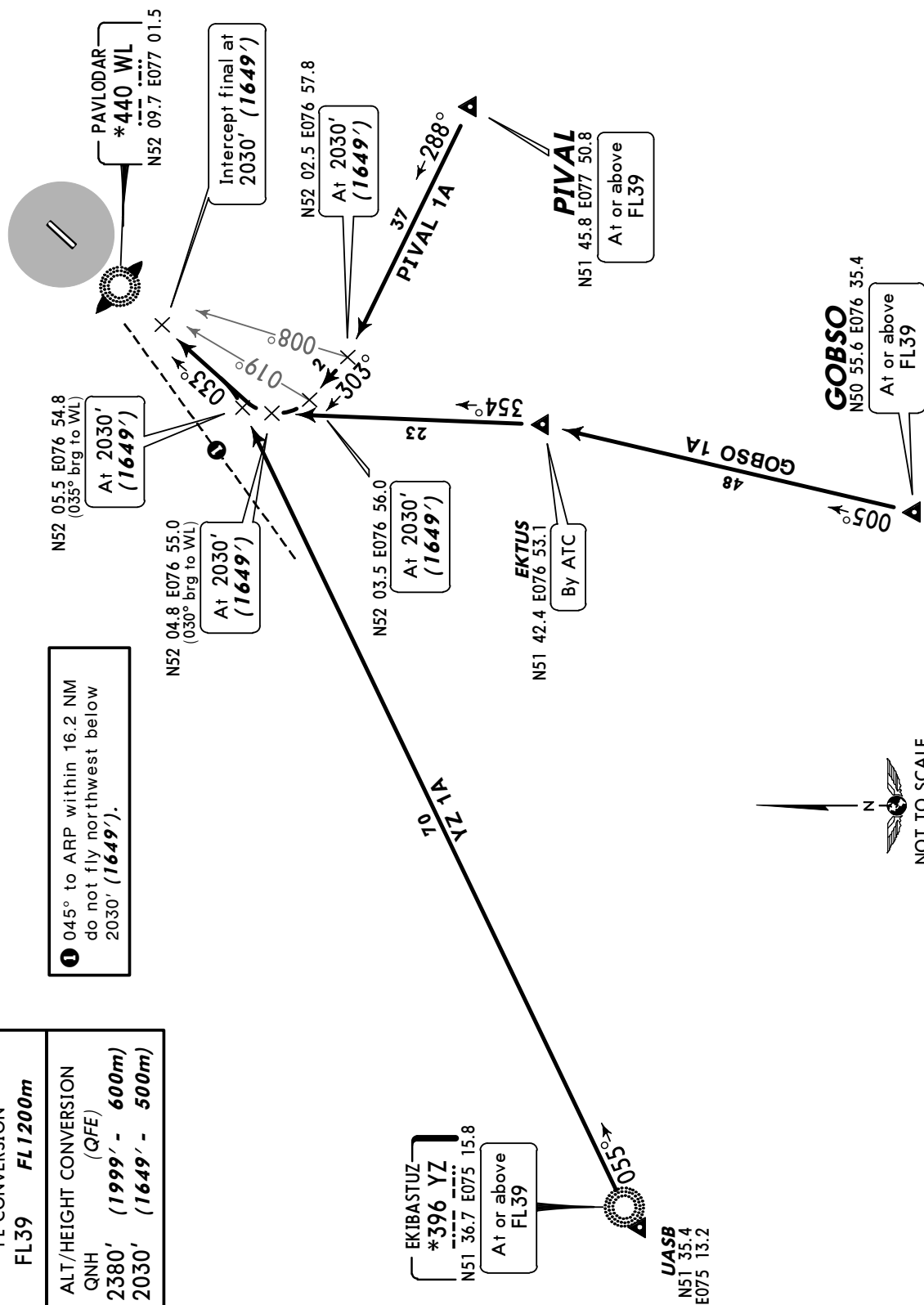
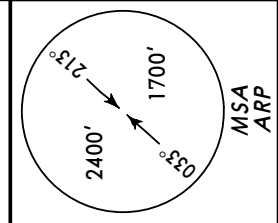
UASP/PWQ
PAVLODAR

JEPPesen PAVLODAR, KAZAKHSTAN
30 MAY 08 **10-2B** **STAR**

Apt Elev
410'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2380' (1999')
Crossing altitudes at airway exit points by ATC.

GOBSO 1A
PIVAL 1A
YZ 1A
RWY 03 ARRIVALS



FL CONVERSION
FL39 FL1200m

ALT/HEIGHT CONVERSION
QNH (QFE)
2380' (1999') - 600m
2030' (1649') - 500m

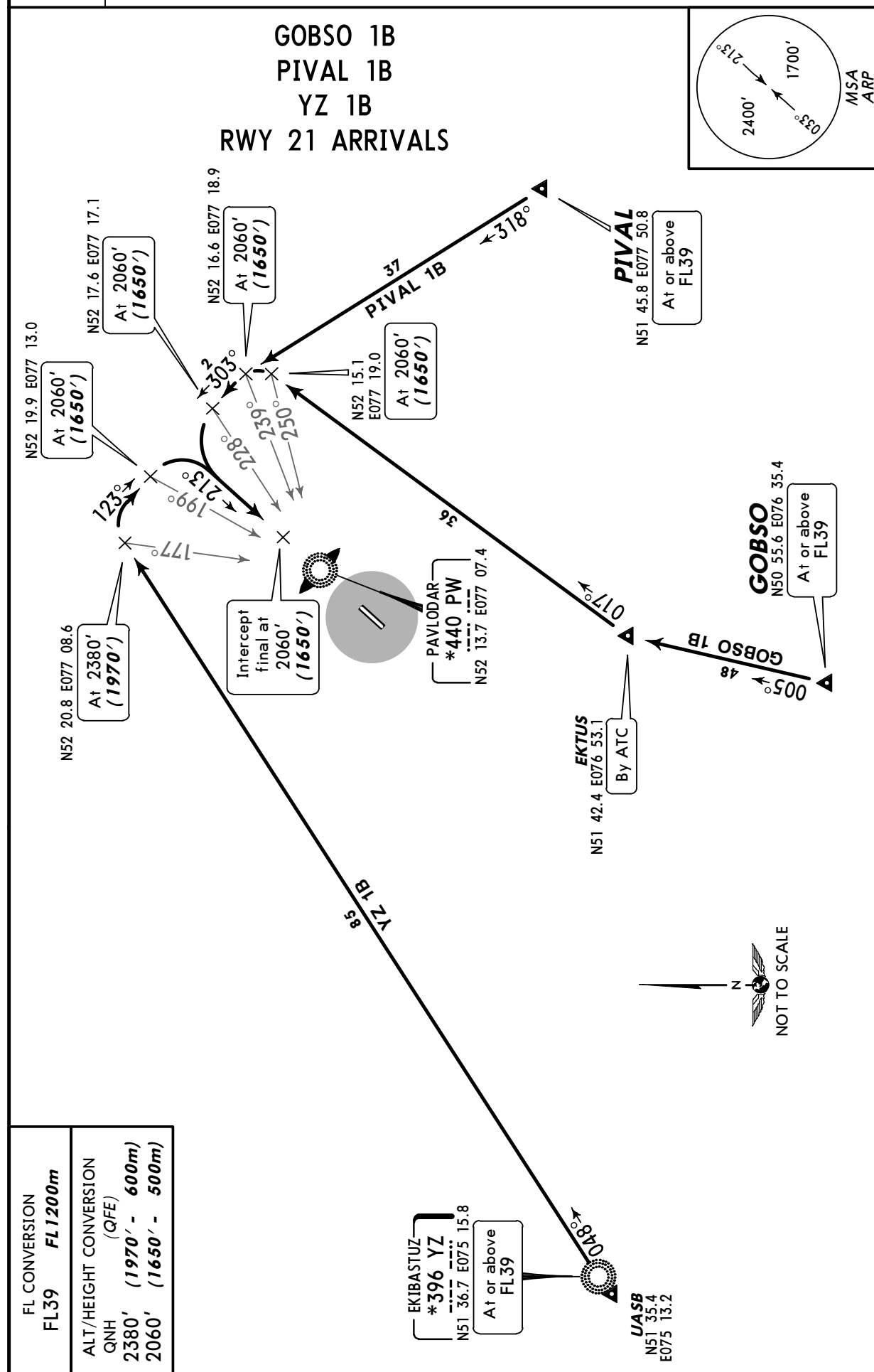
UASP/PWQ
PAVLODAR

JEPPESSEN PAVLODAR, KAZAKHSTAN
 30 MAY 08 **10-2C** **STAR**

Apt Elev
410'

Alt Set: MM (hPa on request) QNH on request
 Trans level: FL39 Trans alt: 2380' (1970')
 Crossing altitudes at airway exit points by ATC.

(QFE)



UASP/PWQ
PAVLODAR

JEPPesen PAVLODAR, KAZAKHSTAN
15 AUG 08 **10-3** **Eff 28 Aug** **SID**

Apt Elev
410'

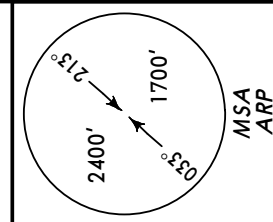
QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2380' **(1999')**

1. Turn speed: MAX 215 KT.

2. Crossing altitudes at airway entry points by ATC.

ADASA 1C
ADODA 1C
DOSAK 1C
RWY 03 DEPARTURES



ALT/HEIGHT CONVERSION
QNH
(QFE)

1040' (659' - 200m)
1370' (989' - 300m)
2380' (1999' - 600m)

FL CONVERSION

FL39 FL1200m

ADASA
N52 46.3 E075 14.6
At or above
FL39

ADASA 1C
80

ADODA 1C
81

ADODA
N52 32.5 E075 05.9
At or above
FL39

← 282°
← 271°

DOSAK
N52 00.7 E078 12.2
At or above
FL39

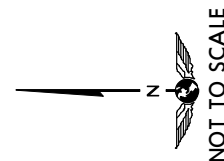
At or above
FL39

At 1370'
(989')

DOSAK 1C
44

100°

DOSAK 1C
Turn at
1040' (659')



ROUTING

SID

ADASA 1C Climb straight ahead to 1370' (989'), turn LEFT, 282° track to ADASA.

ADODA 1C Climb straight ahead to 1370' (989'), turn LEFT, 271° track to ADODA.

DOSAK 1C Climb straight ahead to 1040' (659'), turn RIGHT, 100° track to DOSAK.

UASP/PWQ
PAVLODAR

JEPPesen **PAVLODAR, KAZAKHSTAN**
15 AUG 08 **(10-3A)** **Eff 28 Aug** **SID**

Apt Elev
410'

QNH on request **(QFE)**

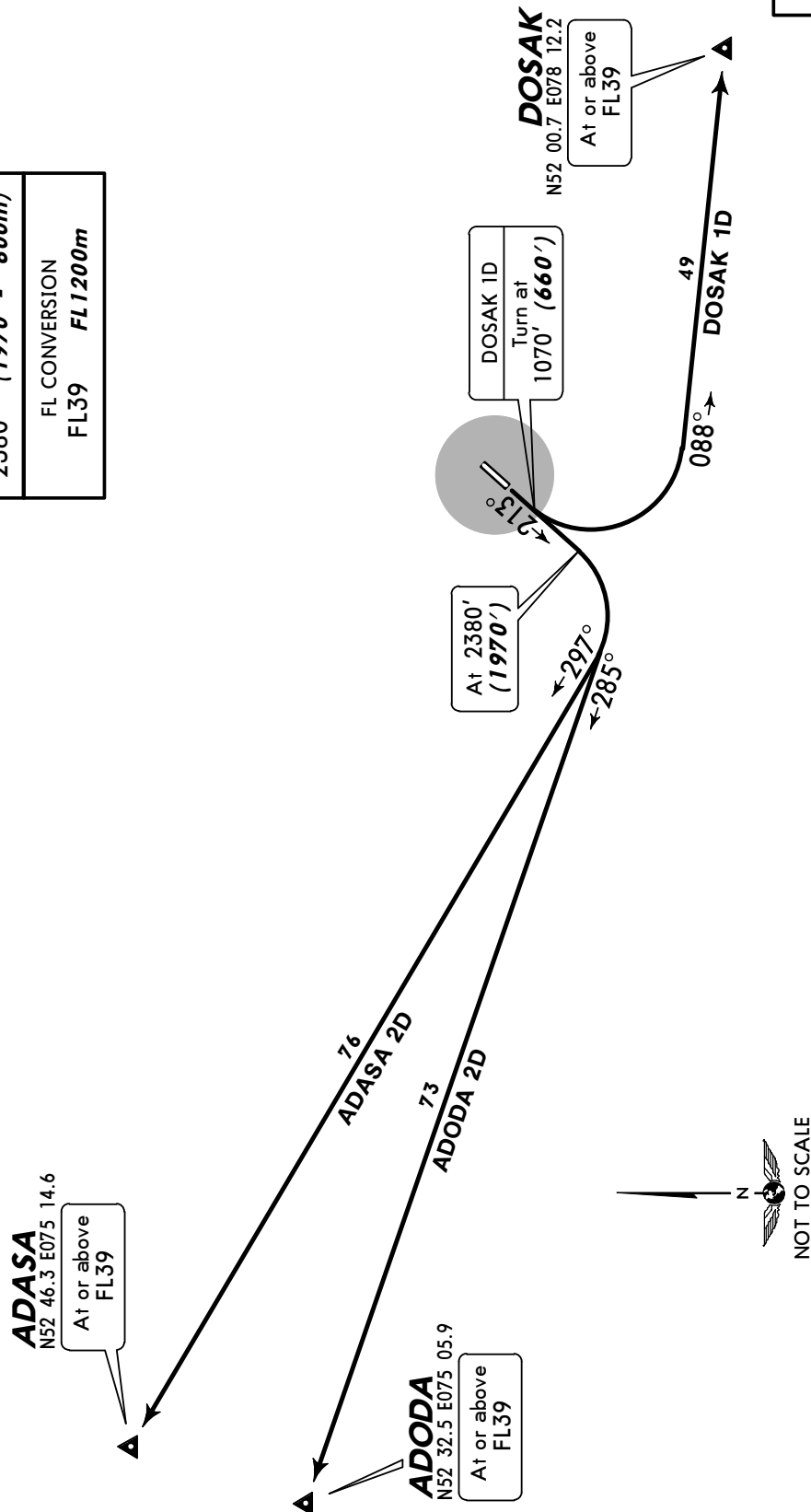
Trans level: FL39 Trans alt: 2380' **(1970')**

1. Turn speed: MAX 215 KT.

2. Crossing altitudes at airway entry points by ATC.

ADASA 2D
ADODA 2D
DOSAK 1D
RWY 21 DEPARTURES

ALT/HEIGHT CONVERSION	
QNH	(QFE)
1070'	(660' - 200m)
2380'	(1970' - 600m)
FL CONVERSION	
FL39	FL1200m



SID	ROUTING
ADASA 2D	Climb straight ahead to 2380' (1970'), turn RIGHT, 297° track to ADASA.
ADODA 2D	Climb straight ahead to 2380' (1970'), turn RIGHT, 285° track to ADODA.
DOSAK 1D	Climb straight ahead to 1070' (660'), turn LEFT, 088° track to DOSAK.

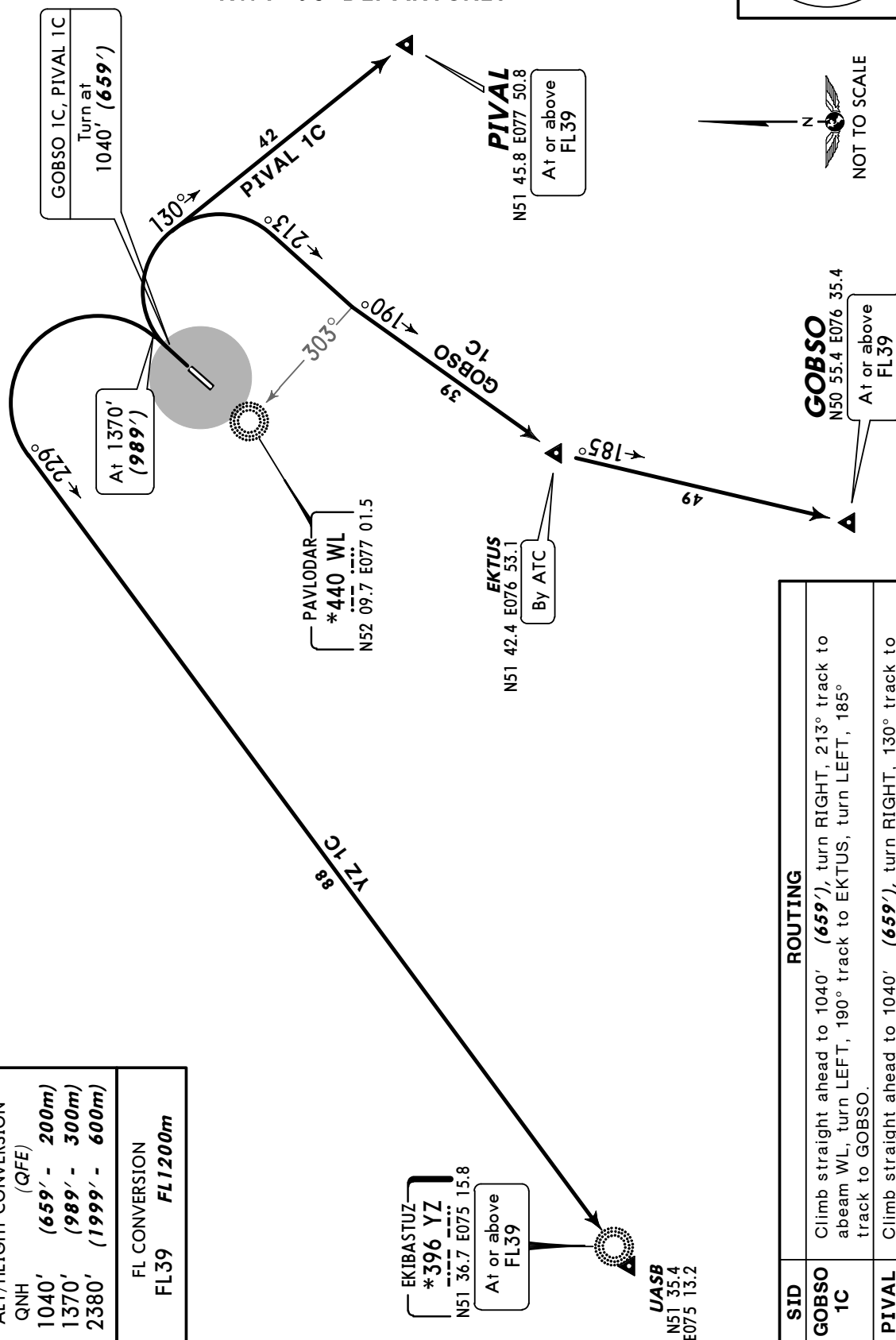
UASP/PWQ PAVLODAR

JEPPesen PAVLODAR, KAZAKHSTAN
 15 AUG 08 **10-3B** Eff 28 Aug **SID**

Apt Elev
410'

QNH on request (QFE)
 Trans level: FL39 Trans alt: 2380' (1999')
 1. Turn speed: MAX 215 KT.
 2. Crossing altitudes at airway entry points by ATC.

GOBSO 1C
 PIVAL 1C
 EKIBASTUZ (YZ 1C)
 RWY 03 DEPARTURES



ALT/HEIGHT CONVERSION (QFE)	
1040'	(659' - 200m)
1370'	(989' - 300m)
2380'	(1999' - 600m)

FL CONVERSION	
FL39	FL1200m

ROUTING	
GOBSO 1C	Climb straight ahead to 1040' (659'), turn RIGHT, 213° track to abeam WL, turn LEFT, 190° track to EKTUS, turn LEFT, 185° track to GOBSO.
PIVAL 1C	Climb straight ahead to 1040' (659'), turn RIGHT, 130° track to PIVAL.
YZ 1C	Climb straight ahead to 1370' (989'), turn LEFT, 229° track to YZ.

UASP/PWQ
PAVLODAR

15 AUG 08

10-3C

Eff 28 Aug**SID**

JEPPesen PAVLODAR, KAZAKHSTAN

Apt Elev
410'

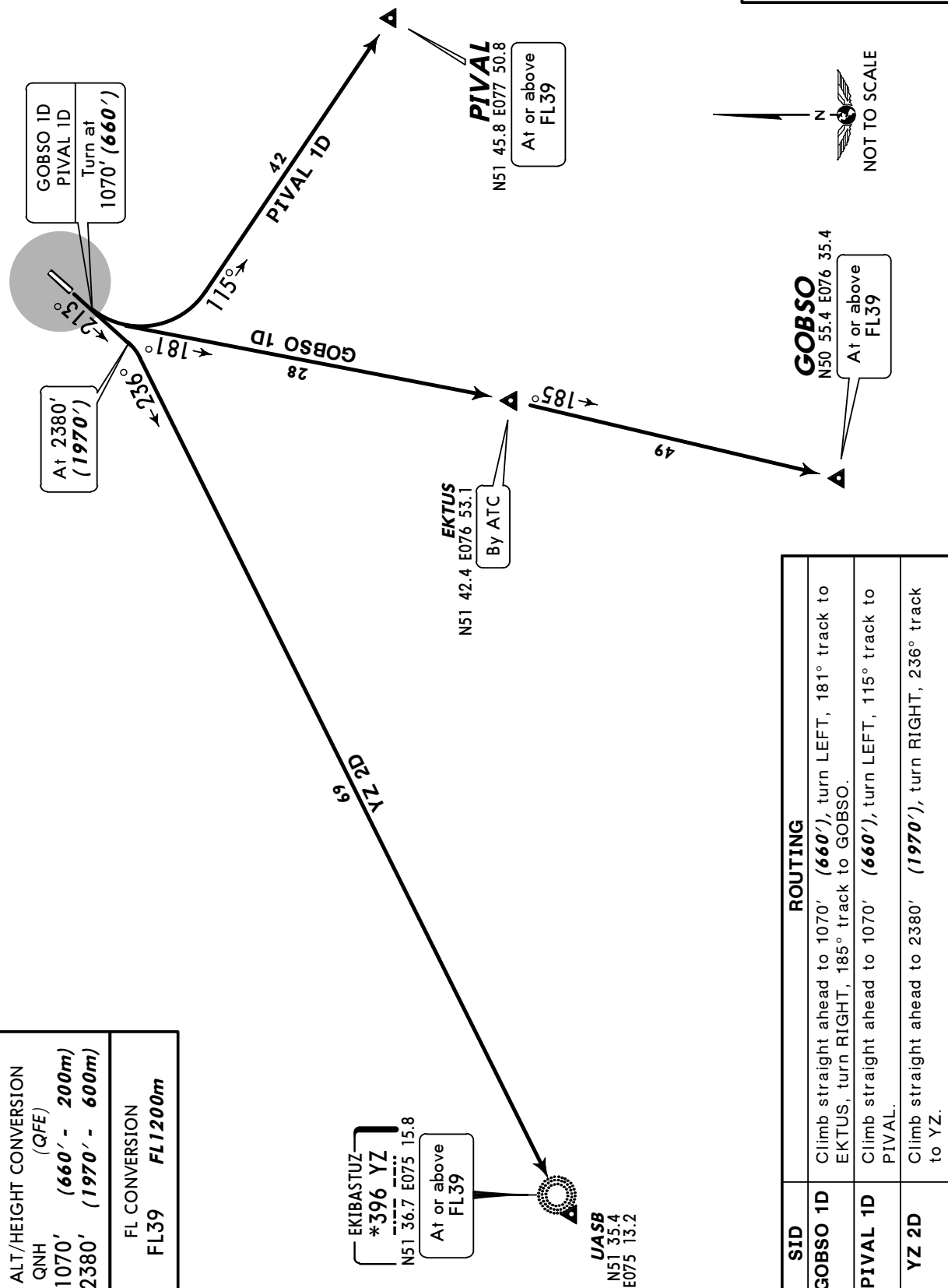
QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2380' (1970')

1. Turn speed: MAX 215 KT.

2. Crossing altitudes at airway entry points by ATC.

GOBSO 1D
PIVAL 1D
EKIBASTUZ 2D (YZ 2D)
RWY 21 DEPARTURES



SID	ROUTING
GOBSO 1D	Climb straight ahead to 1070' (<i>660'</i>), turn LEFT, 181° track to EKTUS, turn RIGHT, 185° track to GOBSO.
PIVAL 1D	Climb straight ahead to 1070' (<i>660'</i>), turn LEFT, 115° track to PIVAL.
YZ 2D	Climb straight ahead to 2380' (<i>1970'</i>), turn RIGHT, 236° track to YZ.

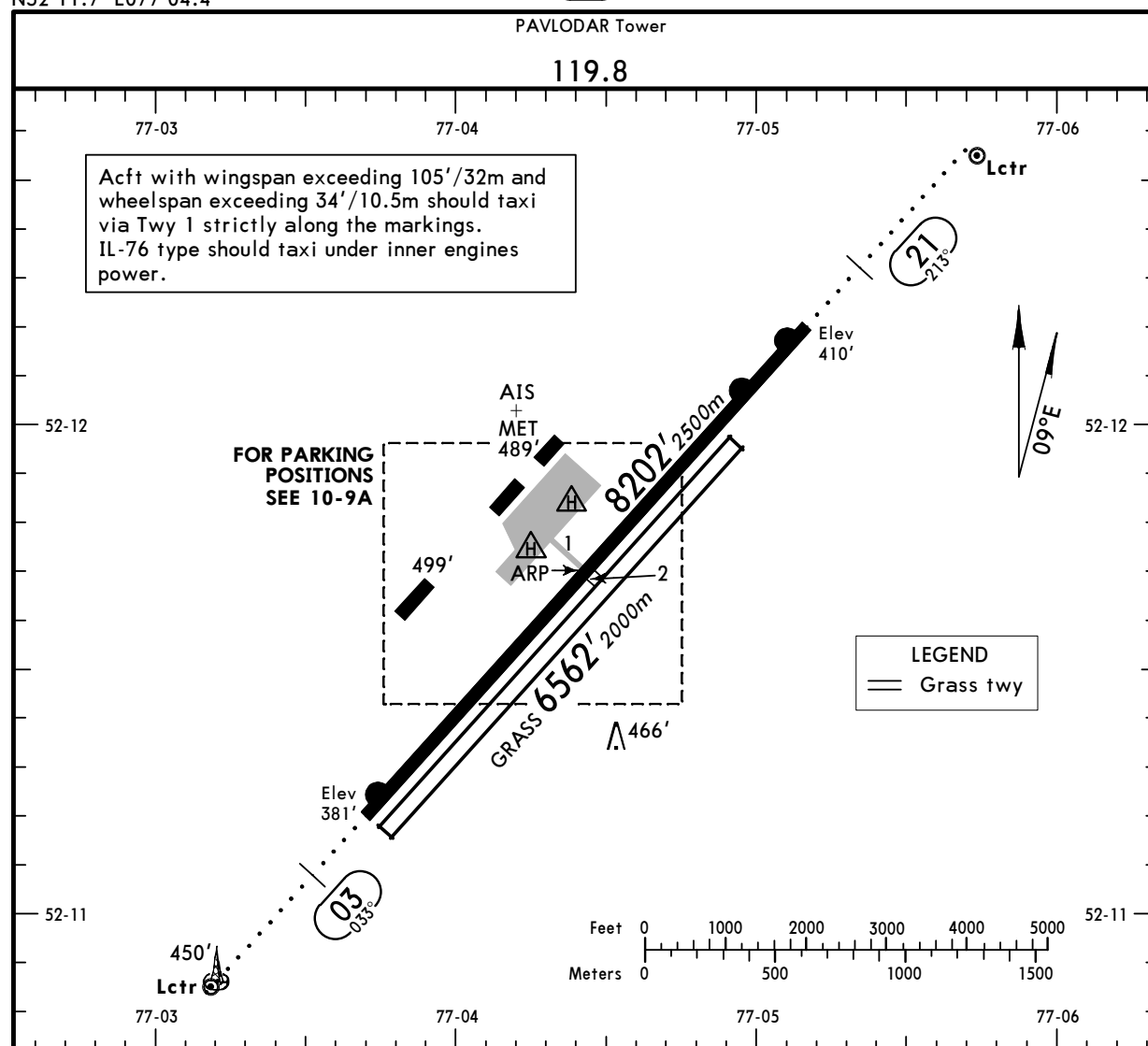
UASP/PWQ

Apt Elev **410'**
N52 11.7 E077 04.4

JEPPESEN PAVLODAR, KAZAKHSTAN

22 JUN 07 **(10-9)** **Eff 5 Jul**

PAVLODAR



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Landing Beyond		
03 21	HIRL (60m) ALS PAPI-L (angle 2.67°) RVR				148' 45m
03 21	Grass runway				246' 75m

TAKE-OFF

AIR CARRIER (JAA)
All Rwy's

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

I LVP must be in force: 300m.

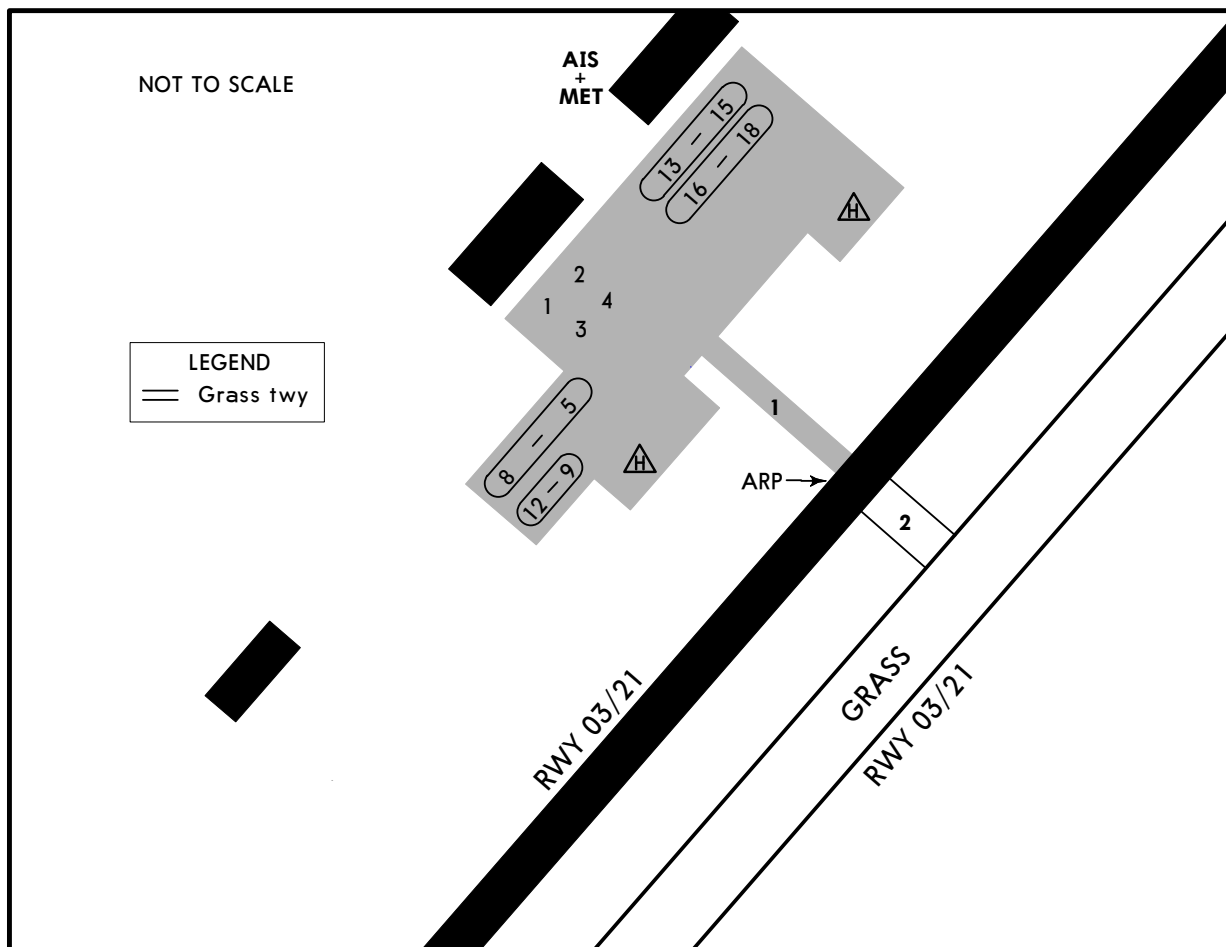
NOISE ABATEMENT PROCEDURE

During take-off for acft CAT B, C & D the following procedures should be applied:

- from take-off to 1890' (1480'): Take-off engine power, flaps in take-off position, V₂ + 10 KT.
- from 1890' (1480') thru 3370' (2960'): Climbing at V₂ + 10 KT.
- at 3370' (2960'): Adjust normal climb rate with retracted flaps.

UASP/PWQ

JEPPESEN PAVLODAR, KAZAKHSTAN
22 JUN 07 **10-9A** **Eff 5 Jul** PAVLODAR



Parking on stand 12 is by towing only.

UASP/PWQ

JEPPESEN
 12 NOV 10
 Eff 18 Nov
10-9X
JAA MINIMUMS
PAVLODAR, KAZAKHSTAN
PAVLODAR

STRAIGHT-IN RWY		A	B	C	D
03	2 NDB	750' (369')	750' (369')	750' (369')	750' (369')
		1700m	1700m	1700m	1700m
	<i>ALS out</i>	1700m	1700m	1800m	2000m
	NDB	1250' (869')	1250' (869')	1370' (989')	1370' (989')
		3000m	3000m	5000m	5000m
21	ILS	610' (200')	610' (200')	640' (230')	640' (230')
		800m	800m	900m	900m
	<i>ALS out</i>	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	2 NDB	790' (380')	790' (380')	790' (380')	790' (380')
		1700m	1700m	1700m	1700m
	<i>ALS out</i>	1700m	1700m	1800m	2000m
	NDB	1070' (660')	1070' (660')	1400' (990')	1400' (990')
		3000m	3000m	5000m	5000m

TAKE-OFF RWY 03, 21

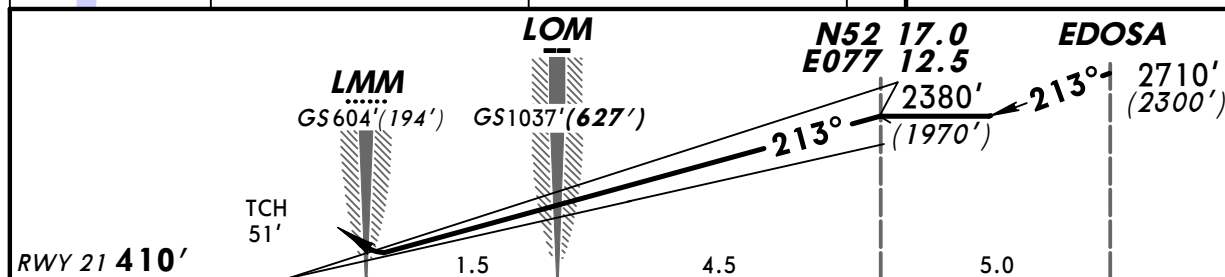
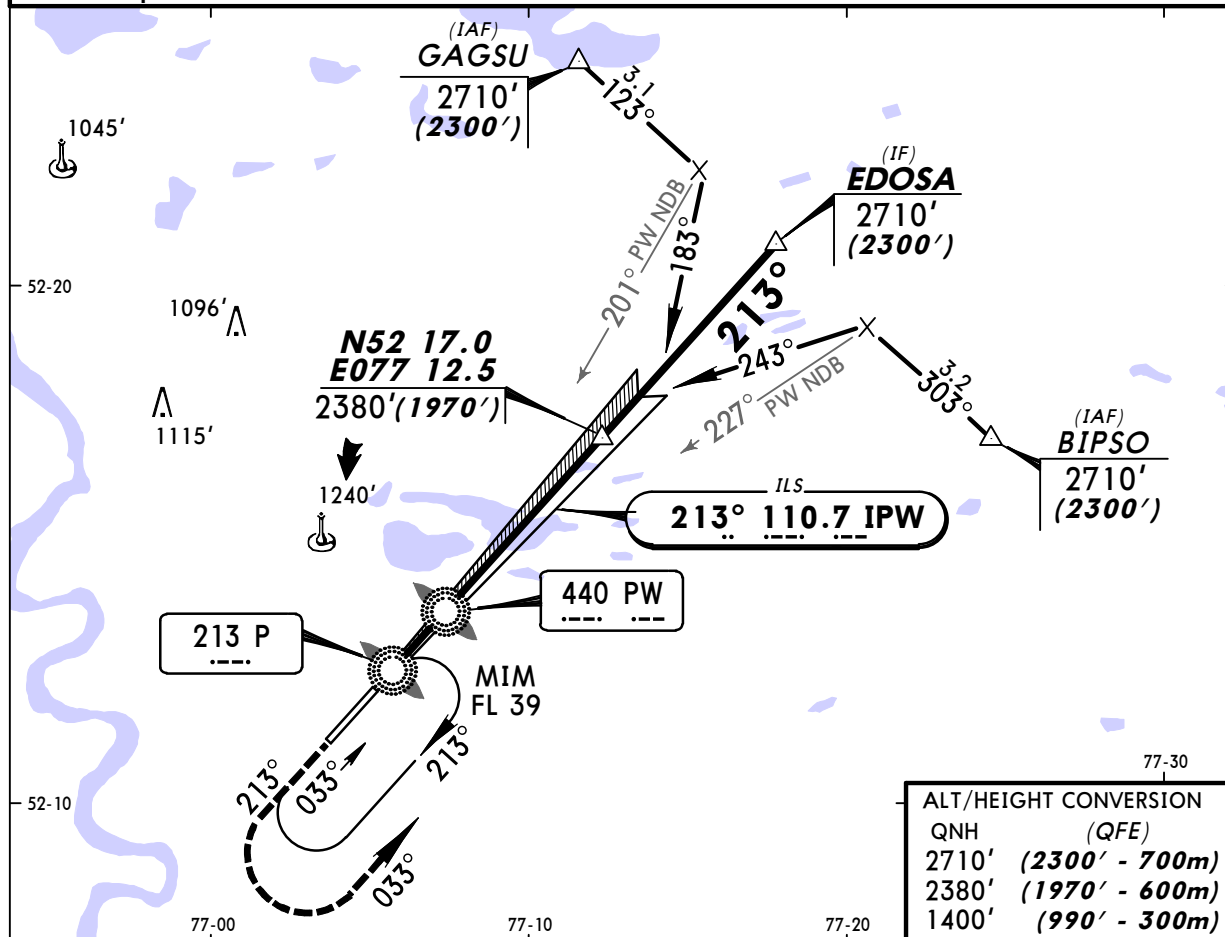
DAY			NIGHT	
LVP must be in force RL	RCLM or RL	NIL	LVP must be in force RL	RL
A	300m	500m	300m	400m
			400m	
B				
C				
D				

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PAVLODAR

JEPPesen PAVLODAR, KAZAKHSTAN
12 NOV 10 **(11-1)** **Eff 18 Nov**
ILS Y Rwy 21

BRIEFING STRIP

PAVLODAR Tower					2800' MSA P NDB
119.8					
LOC IPW 110.7	Final Apch Crs 213°	GS LOM 1037' (627')	ILS DA(H) Refer to Minimums	Apt Elev 410' RWY 410'	
MISSED APCH: Climb on 213° to 1400' (990'), then turn LEFT (MAX 225 KT) onto 033° climbing to 2710' (2300'), then as directed.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39	
RADAR required.					Trans alt: 2710' (2300')



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	1400' (990')	on 213°
GS	2.67°	336	432	480	576	671			

STRAIGHT-IN LANDING RWY 21			LOC (GS out)		
ILS					
DA(H) AB: 610' (200') CD: 640' (230')					
FULL		ALS out			
A	800m	1200m	NOT AUTHORIZED		
B					
C	900m				
D					

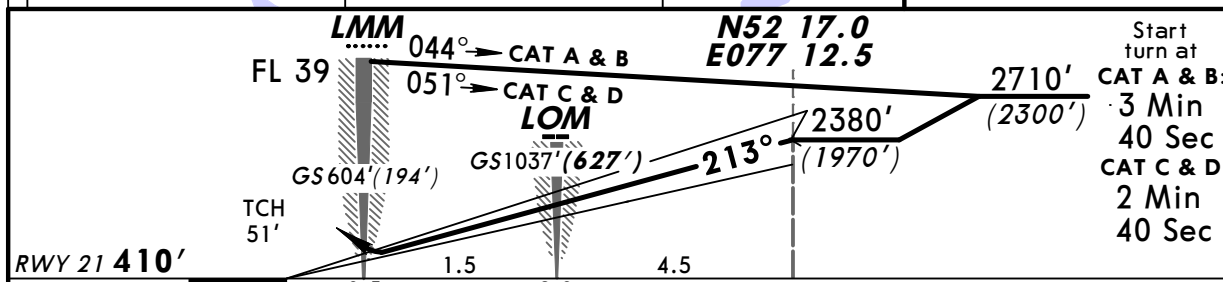
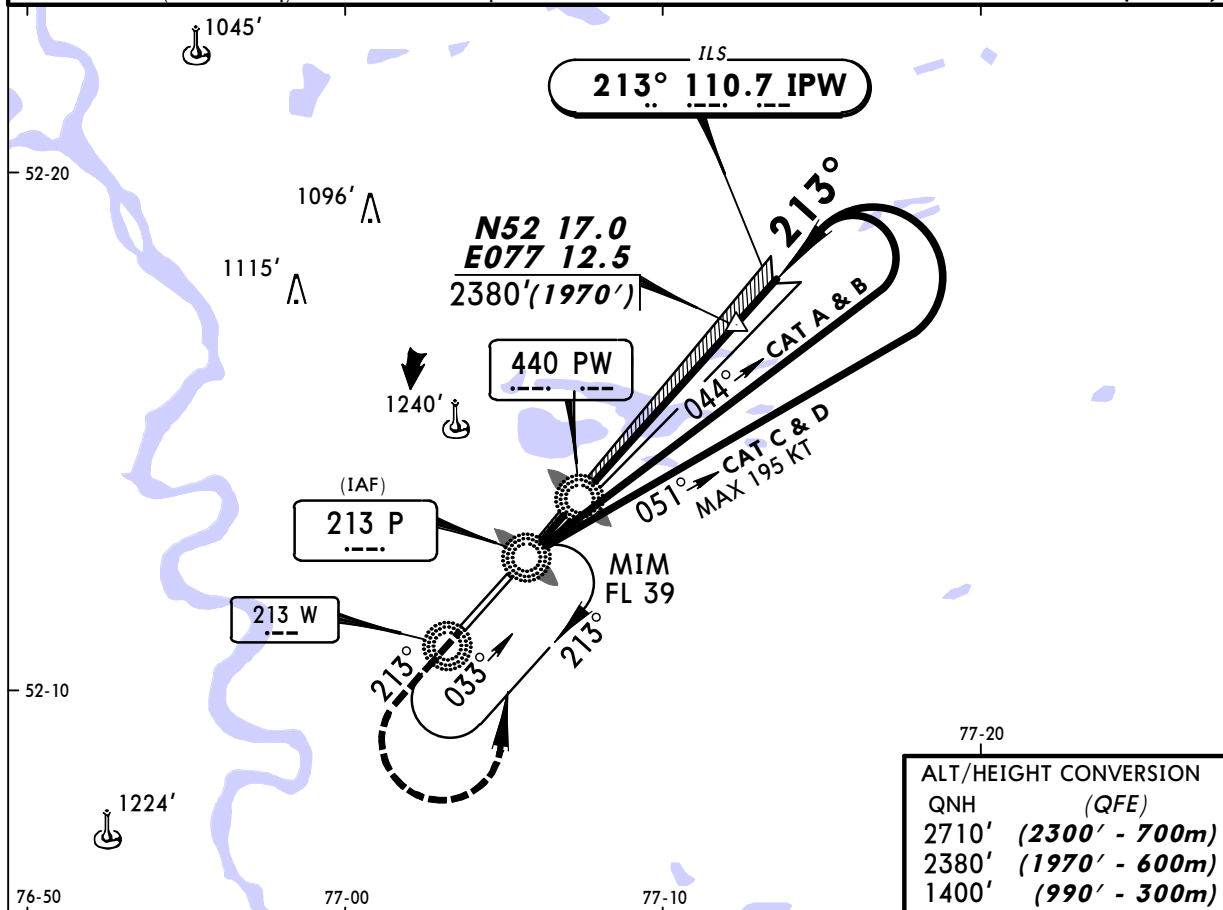
PANS OPS

UASP/PWQ
PAVLODAR

JEPPESSEN PAVLODAR, KAZAKHSTAN
12 NOV 10 **(11-2)** **Eff 18 Nov**
ILS X Rwy 21

BRIEFING STRIP

PAVLODAR Tower 119.8					
LOC IPW 110.7	Final Apch Crs 213°	GS LOM 1037' (627')	ILS DA(H) Refer to Minimums	Apt Elev 410' RWY 410'	2800' MSA P NDB
MISSED APCH: Climb on 213° to 1400'(990') or above. After passing P NDB maintain 213° for 1 Min 50 Sec, then turn LEFT to P NDB. Climb initially to 2710'(2300'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 39 to P NDB and join holding. Missed approach turn restricted to MAX 225 KT.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	Refer to Missed Apch above
GS	2.67°	336	432	480	576	671		

ILS		STRAIGHT-IN LANDING RWY 21		LOC (GS out)			
DA(H) AB: 610'(200')		CD: 640'(230')					
FULL		ALS out					
A	800m	1200m	NOT AUTHORIZED				
B							
C	900m						
D							

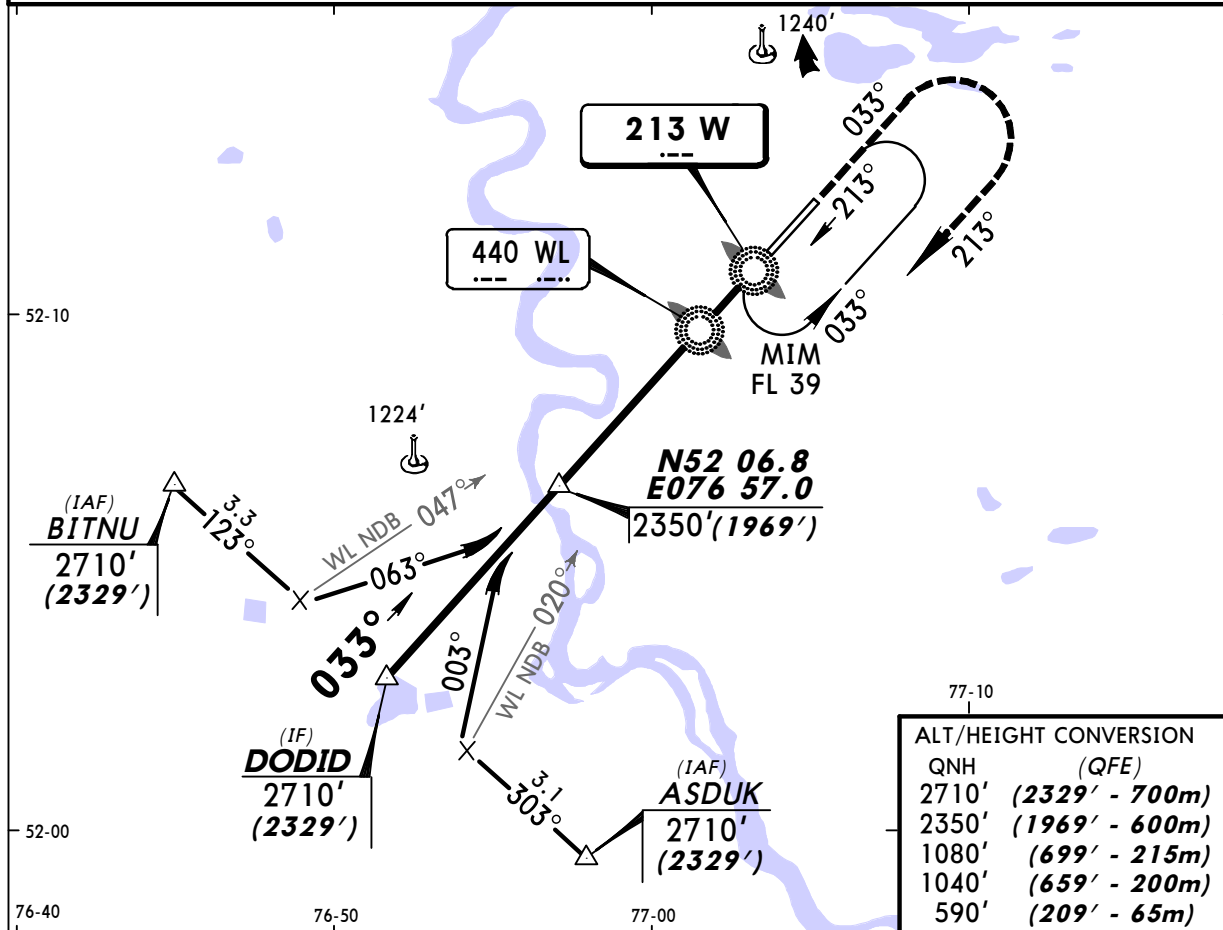
PANS OPS

UASP/PWQ
PAVLODAR

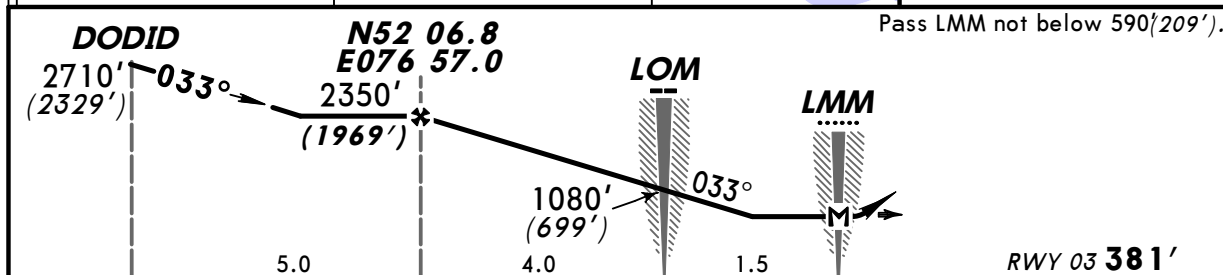
JEPPesen PAVLODAR, KAZAKHSTAN
12 NOV 10 **16-1** **Eff 18 Nov**
2 NDB Rwy 03

BRIEFING STRIP

PAVLODAR Tower					2800' MSA W NDB
119.8					
NDB W 213	Final Apch Crs 033°	Minimum Alt N52 06.8 E076 57.0 2350'(1969')	MDA(H) 750'(369')	Apt Elev 410' RWY 381'	
MISSED APCH: Climb on 033° to 1040'(659'), then turn RIGHT (MAX 225 KT) onto 213° climbing to 2710'(2329'), then as directed.					
Alt Set: MM (hPa on req)		QNH on req (QFE)	Trans level: FL 39	Trans alt: 2710'(2329')	
1. RADAR required. 2. Initial and intermediate approach as directed.					



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2710'	(2329' - 700m)
2350'	(1969' - 600m)
1080'	(699' - 215m)
1040'	(659' - 200m)
590'	(209' - 65m)



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 03	
MDA(H) 750' (369')	
ALS out	
A	
B	
C	
D	

CHANGES: Procedure.

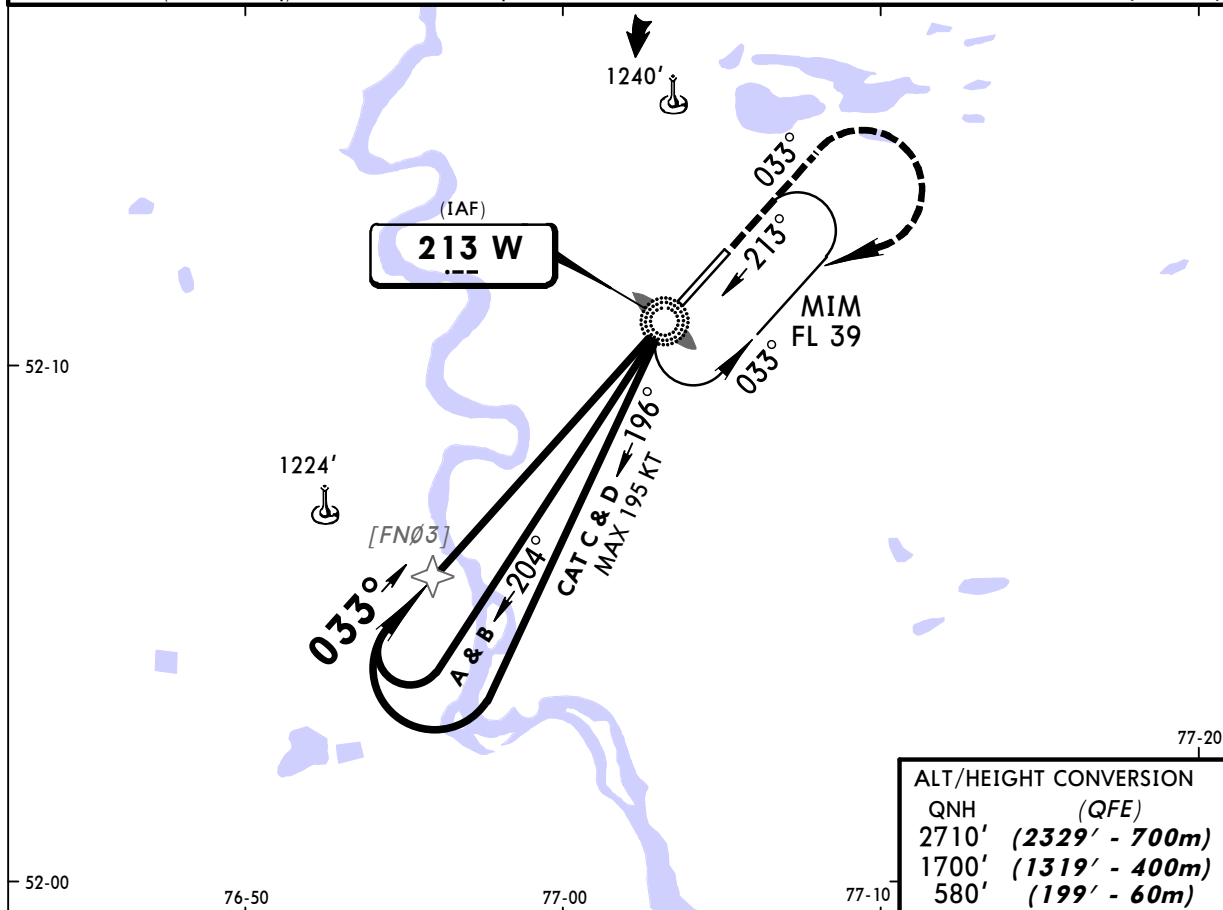
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UASP/PWQ
PAVLODAR

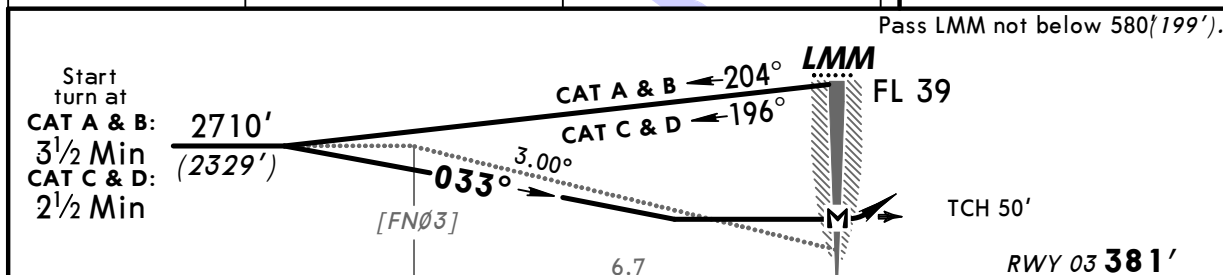
JEPPesen PAVLODAR, KAZAKHSTAN
12 NOV 10 **(16-2)** **Eff 18 Nov** **NDB Rwy 03**

BRIEFING STRIP

PAVLODAR Tower 119.8					
NDB W 213	Final Apch Crs 033°	Minimum Alt No FAF	MDA(H) Refer to Minimums	Apt Elev 410' RWY 381'	2800' MSA W NDB
MISSED APCH: Climb on 033° to 1700'(1319') or above. After passing NDB maintain 033° for 1 Min 40 Sec, then turn RIGHT to NDB. Climb initially to 2710'(2329'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 39 to NDB and join holding. Missed approach turn restricted to MAX 225 KT.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2710'(2329')					



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2710'	(2329' - 700m)
1700'	(1319' - 400m)
580'	(199' - 60m)



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

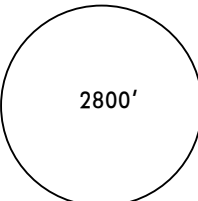
STRAIGHT-IN LANDING RWY 03					
MDA(H) AB:1250'(869') CD:1370'(989')					
		ALS out			
A	3000m				
B					
C	5000m				
D					

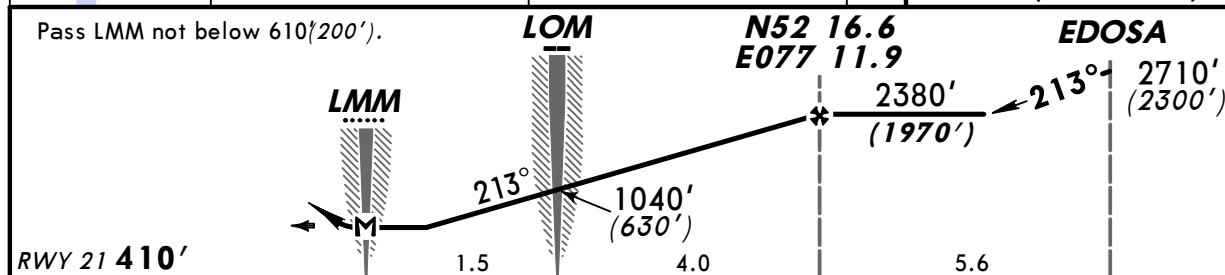
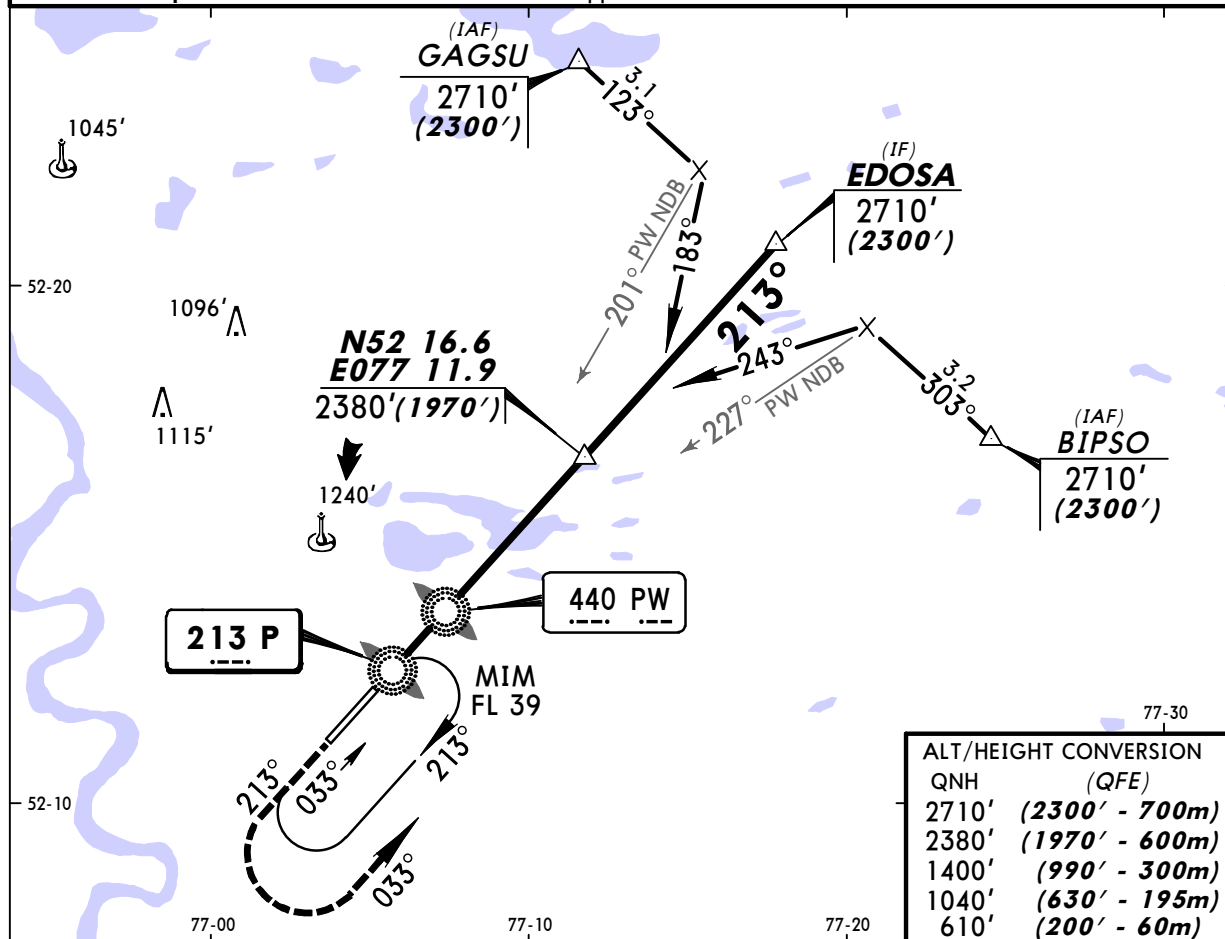
PANS OPS

UASP/PWQ
PAVLODAR

JEPPESSEN PAVLODAR, KAZAKHSTAN
 12 NOV 10 (16-3) Eff 18 Nov 2 NDB Rwy 21

BRIEFING STRIP™

PAVLORDAR Tower					
119.8					
<i>NDB</i> P 213	<i>Final</i> <i>Apch Crs</i> 213°	<i>Minimum Alt</i> N52 16.6 E077 11.9 2380'(1970')	<i>MDA(H)</i> 790'(380')	<i>Apt Elev</i> 410' <i>RWY</i> 410'	
MISSED APCH: Climb on 213° to 1400'(990'), then turn LEFT (MAX 225 KT) onto 033° climbing to 2710' (2300'), then as directed.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2710'(2300')					
1. RADAR required. 2. Initial and intermediate approach as directed.					



	0	0.5	2.0			
Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849
MAP at LMM						

1400'
(990') on 213°

STRAIGHT-IN LANDING RWY 21

*MDA*_(H) **790'(380')**

ALS out

1700m

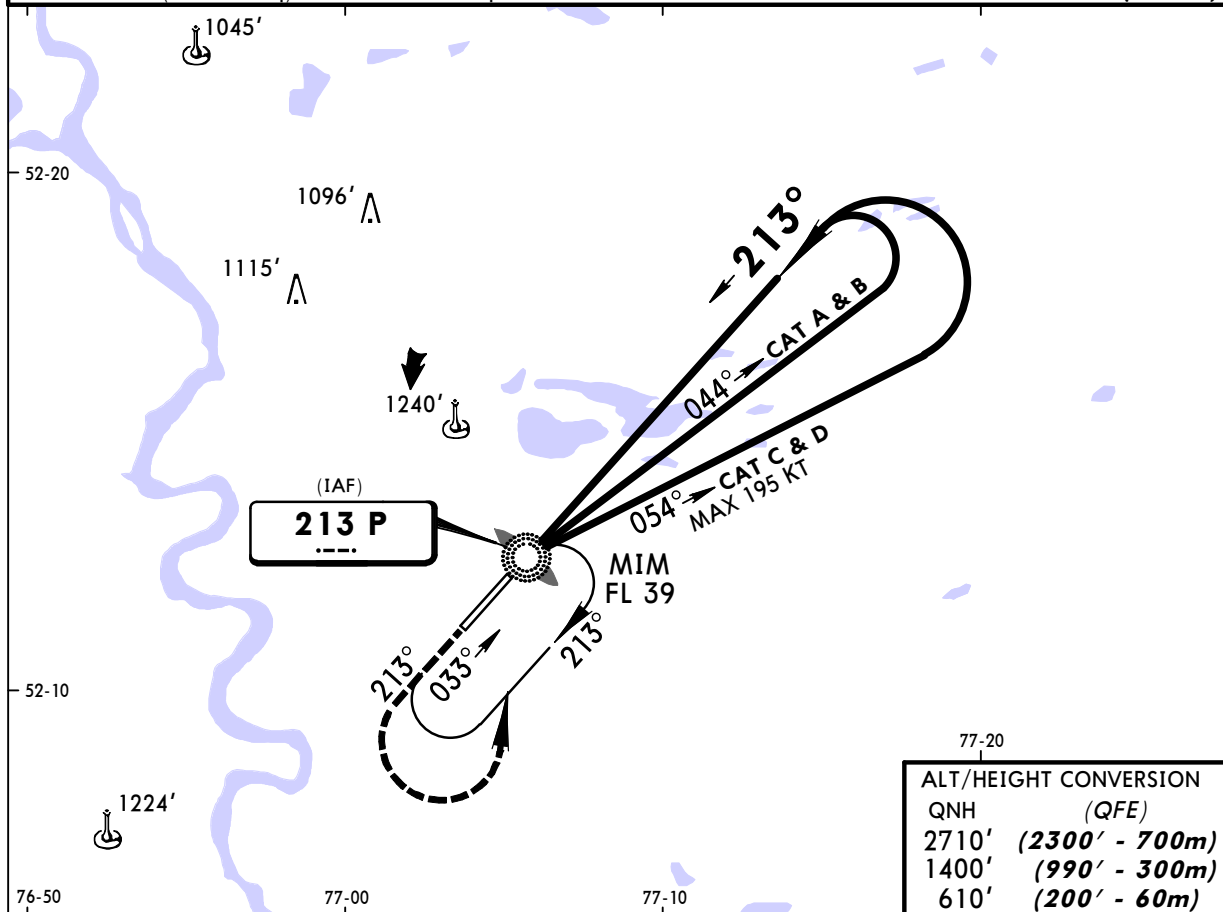
PANS OPS

UASP/PWQ PAVLODAR

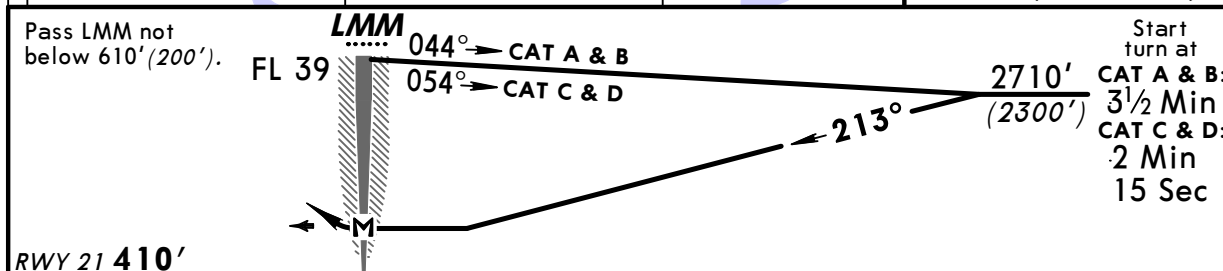
JEPPESSEN PAVLODAR, KAZAKHSTAN
12 NOV 10 **(16-4)** **Eff 18 Nov** **NDB Rwy 21**

BRIEFING STRIP

PAVLODAR Tower 119.8					
NDB P 213	Final Apch Crs 213°	Minimum Alt No FAF	MDA(H) Refer to Minimums	Apt Elev 410' RWY 410'	2800' MSA P NDB
MISSED APCH: Climb on 213° to 1400'(990') or above. After passing NDB maintain 213° for 1 Min 50 Sec, then turn LEFT to NDB. Climb initially to 2710'(2300'), then as directed.					
MISSED APCH WITH COMM FAILURE: Climb to FL 39 to NDB and join holding. Missed approach turn restricted to MAX 225 KT.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39	Trans alt: 2710'(2300')



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2710'	(2300' - 700m)
1400'	(990' - 300m)
610'	(200' - 60m)



00.5										HIALS ... PAPI ...	Refer to Missed Apch above
MAP at LMM											

STRAIGHT-IN LANDING RWY 21			
MDA(H) AB: 1070'(660') CD: 1400'(990')			
		ALS out	
A	3000m		
B			
C	5000m		
D			

PANS OPS