

Page 1

Changed chart(s) since Disc 09-2011

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	ABELI, GOBSO & PIVAL 2A, KE...	10-2B	06 àé 2011	
REV	ABELI, GOBSO & PIVAL 2B, KE...	10-2C	06 àé 2011	
REV	ABELI, GOBSO & PIVAL 2C, KE...	10-3B	06 àé 2011	
REV	ABELI, GOBSO & PIVAL 2D, KE...	10-3C	06 àé 2011	

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

JEPPESEN **PAVLODAR, KAZAKHSTAN**
25 MAR 11 **(10-1R)** Eff 7 Apr **RADAR MINIMUM ALTITUDES**

Apt Elev
410'

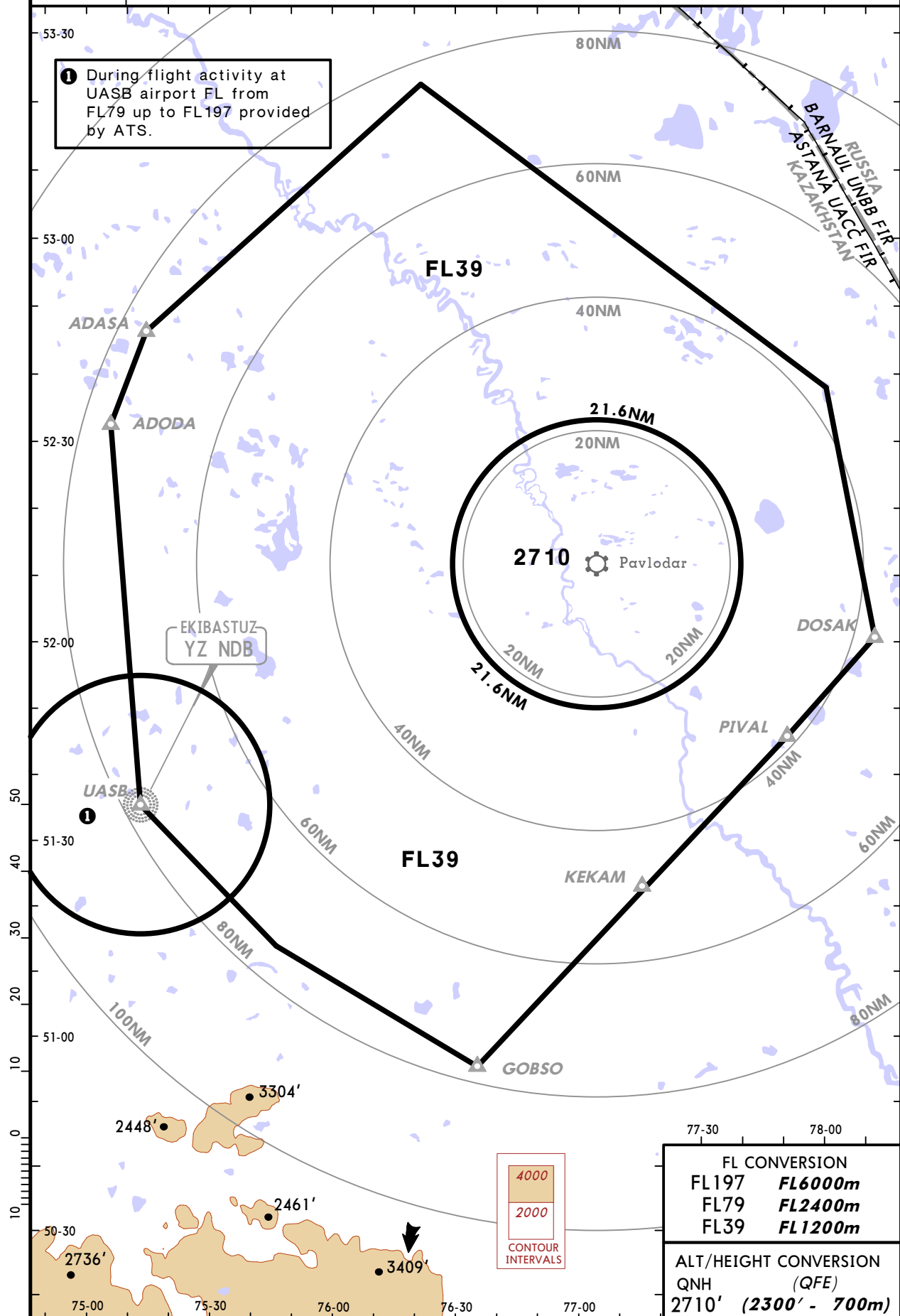
Alt Set: MM (hPa on request) QNH on request **(QFE)**

Trans level: FL39 Trans alt: 2710' **(2300')**

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.

1 During flight activity at UASB airport FL from FL79 up to FL197 provided by ATS.



UASP/PWQ PAVLODAR

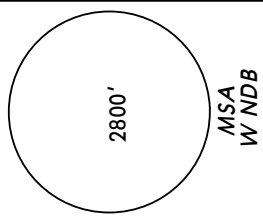
19 NOV 10 **10-2**

PAVLODAR, KAZAKHSTAN

STAR

Apt Elev
410'

Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL39 Trans alt: 2710' (**2329'**)
 Crossing altitudes at airway exit points by ATC.

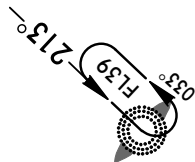


ADASA 2A [ADAS2A]
ADODA 2A [ADOD2A]
DOSAK 2A [DOSA2A]
RWY 03 ARRIVALS

DOSAK

N52 00.7 E078 12.2
 At or above
 FL39

HOLDING OVER
W



ADASA
 N52 46.3 E075 14.6
 At or above
 FL39

ADODA
 N52 32.5 E075 05.9
 At or above
 FL39

(IAF)
 PAVLODAR
 *213 W
 N52 10.9 E077 03.2
 At FL39

NOT TO SCALE

FL CONVERSION

FL39 **FL1200m**

ALT/HEIGHT CONVERSION

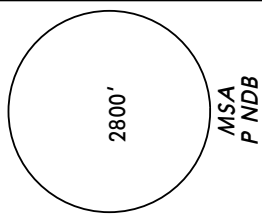
QNH (QFE)
 2710' (**2329' - 700m**)

STAR	ROUTING
ADASA 2A	On 108° bearing to W.
ADODA 2A	On 097° bearing to W.
DOSAK 2A	On 275° bearing to W.

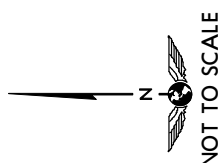
UASP/PWQ PAVLODAR

JEPPESEN PAVLODAR, KAZAKHSTAN
 19 NOV 10 **10-2A** **STAR**

Apt Elev
410'
 Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL39 Trans alt: 2710' (**2300'**)
 Crossing altitudes at airway exit points by ATC.



ADASA 2B [ADAS2B]
ADODA 2B [ADOD2B]
DOSAK 2B [DOSA2B]
RWY 21 ARRIVALS



HOLDING OVER
P



FL CONVERSION

FL39 FL1200m

ALT/HEIGHT CONVERSION

QNH (QFE)

2710' (2300' - 700m)

ADASA
 N52 46.3 E075 14.6
 At or above
 FL39

ADODA
 N52 32.5 E075 05.9
 At or above
 FL39

PAVLODAR
 (IAF)
 *213 P
 N52 12.6 E077 05.7
 At FL39

DOSAK
 N52 00.7 E078 12.2
 At or above
 FL39

ROUTING

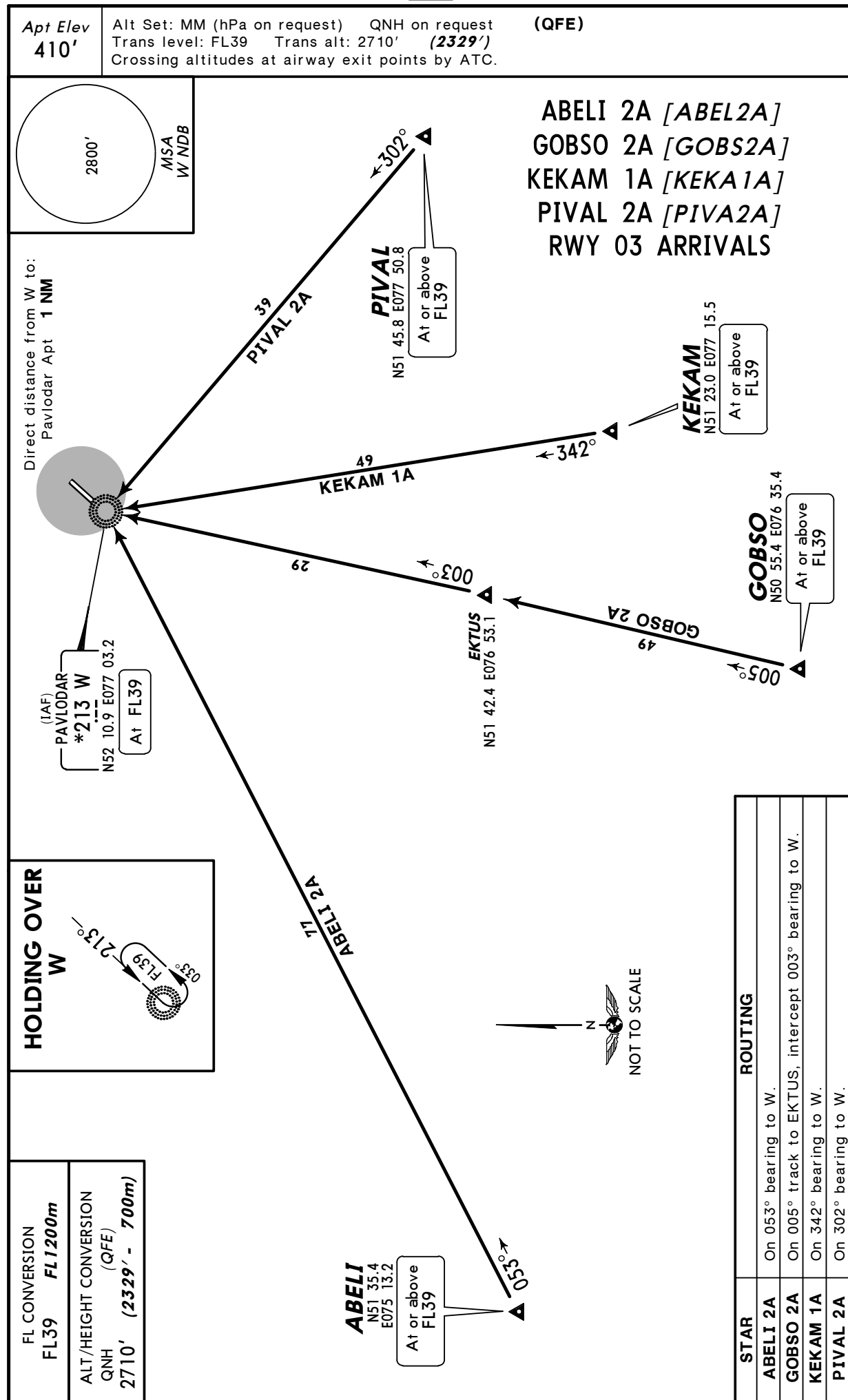
ADASA 2B On 107° bearing to P.

ADODA 2B On 095° bearing to P.

DOSAK 2B On 278° bearing to P.

UASP/PWQ
PAVLODAR

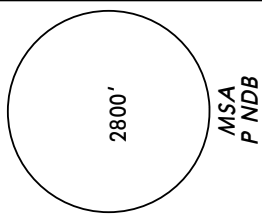
JEPPesen **PAVLODAR, KAZAKHSTAN**
6 MAY 11 **10-2B** **STAR**



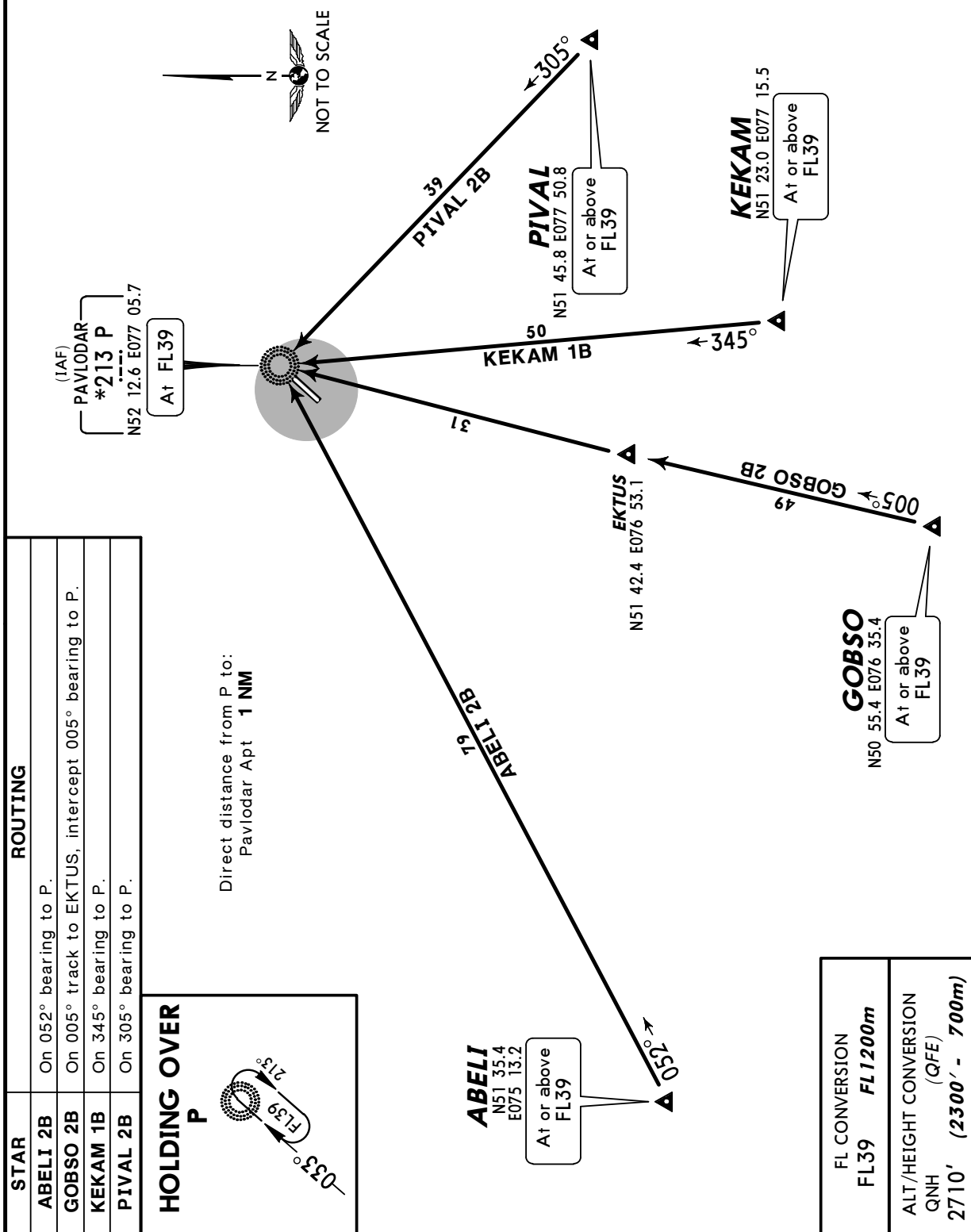
UASP/PWQ PAVLODAR

JEPPesen PAVLODAR, KAZAKHSTAN
 6 MAY 11 (10-2C) **STAR**

Apt Elev 410' Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL39 Trans alt: 2710' (2300')
 Crossing altitudes at airway exit points by ATC.



ABELI 2B [ABEL2B]
 GOBSO 2B [GOBS2B]
 KEKAM 1B [KEKA1B]
 PIVAL 2B [PIVA2B]
 RWY 21 ARRIVALS

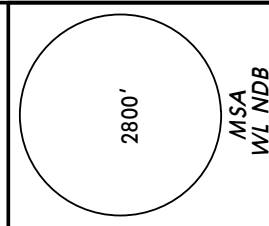


UASP/PWQ PAVLODAR

JEPPesen PAVLODAR, KAZAKHSTAN
 25 MAR 11 **10-3** Eff 7 Apr **SID**

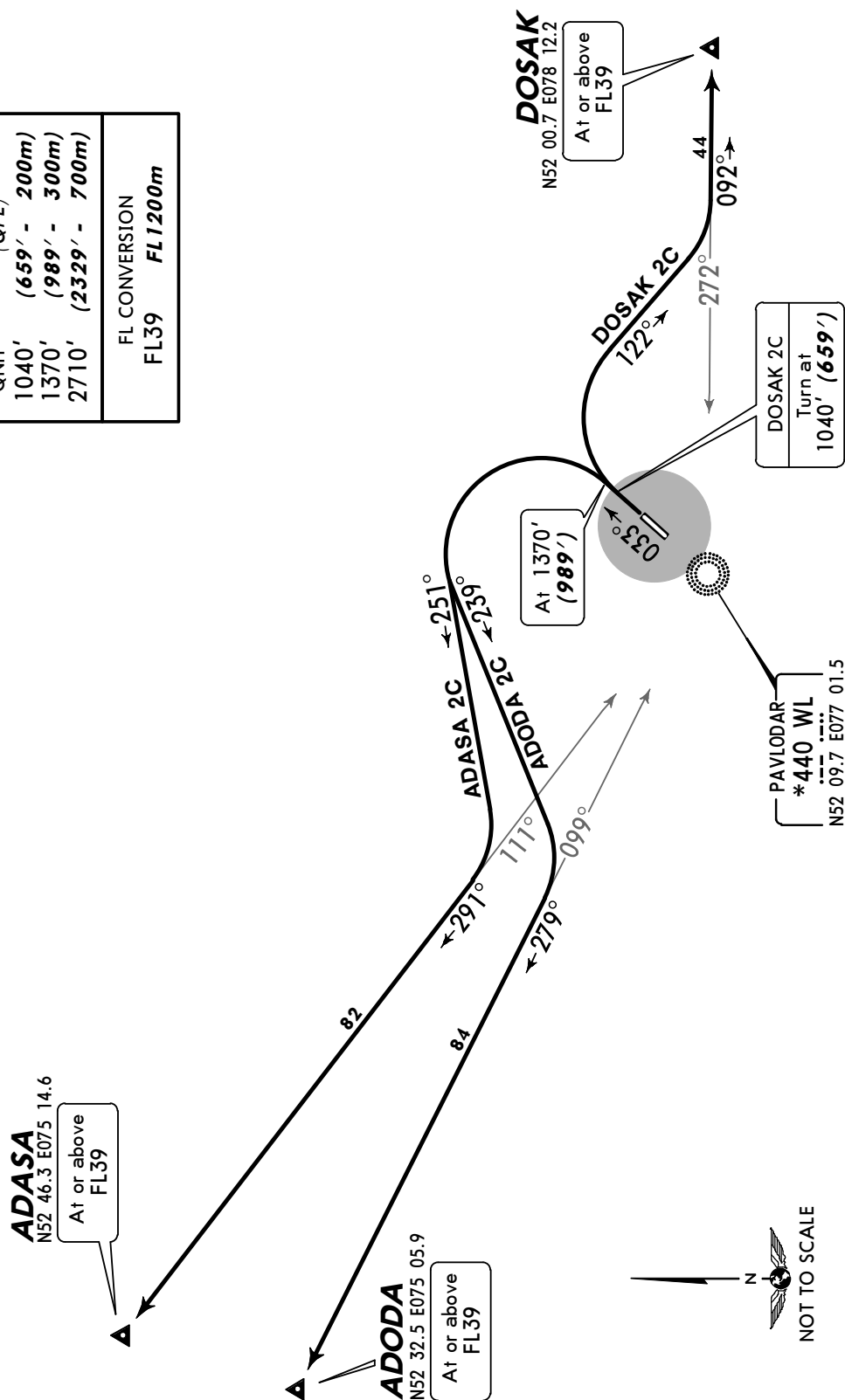
Apt Elev
410'
 QNH on request **(QFE)**
 Trans level: FL39 Trans alt: 2710' **(2329')**
 Crossing altitudes at airway entry points by ATC.

ADASA 2C [ADAS2C]
ADODA 2C [ADOD2C]
DOSAK 2C [DOSA2C]
RWY 03 DEPARTURES



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1040'	(659' - 200m)
1370'	(989' - 300m)
2710'	(2329' - 700m)

FL CONVERSION	
FL39	FL1200m



ROUTING

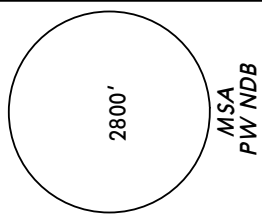
SID

ADASA 2C	Climb straight ahead to 1370' (989'), turn LEFT, 251° track, intercept 291° bearing from WL to ADASA.
ADODA 2C	Climb straight ahead to 1370' (989'), turn LEFT, 239° track, intercept 279° bearing from WL to ADODA.
DOSAK 2C	Climb straight ahead to 1040' (659'), turn RIGHT, 122° track, intercept 092° bearing from WL to DOSAK.

UASP/PWQ PAVLODAR

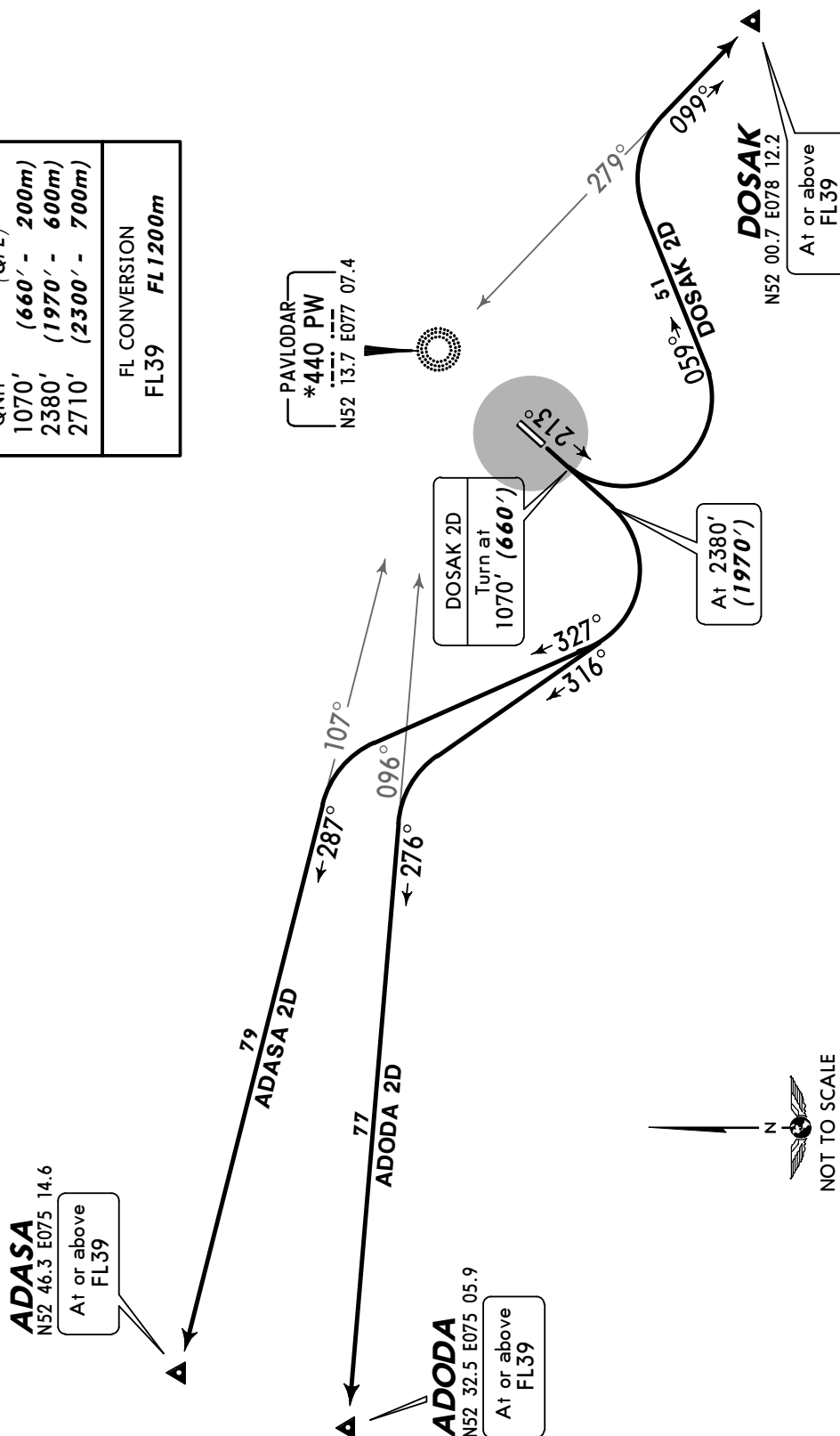
JEPPesen PAVLODAR, KAZAKHSTAN
 25 MAR 11 **10-3A** Eff 7 Apr **SID**

Apt Elev
410'
 QNH on request **(QFE)**
 Trans level: FL39 Trans alt: 2710' **(2300')**
 Crossing altitudes at airway entry points by ATC.



ADASA 2D [ADAS2D]
ADODA 2D [ADOD2D]
DOSAK 2D [DOSAK2D]
RWY 21 DEPARTURES

ALT/HEIGHT CONVERSION (QFE)	
QNH	(660' - 200m)
1070'	(660' - 200m)
2380'	(1970' - 600m)
2710'	(2300' - 700m)
FL CONVERSION	
FL39	FL1200m



ROUTING

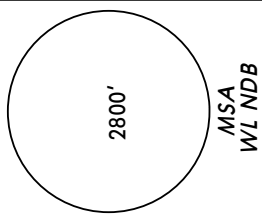
SID	ROUTING
ADASA 2D	Climb straight ahead to 2380' (1970'), turn RIGHT, 327° track, intercept 287° bearing from PW to ADASA.
ADODA 2D	Climb straight ahead to 2380' (1970'), turn RIGHT, 316° track, intercept 276° bearing from PW to ADODA.
DOSAK 2D	Climb straight ahead to 1070' (660'), turn LEFT, 059° track, intercept 099° bearing from PW to DOSAK.

UASP/PWQ
PAVLODAR

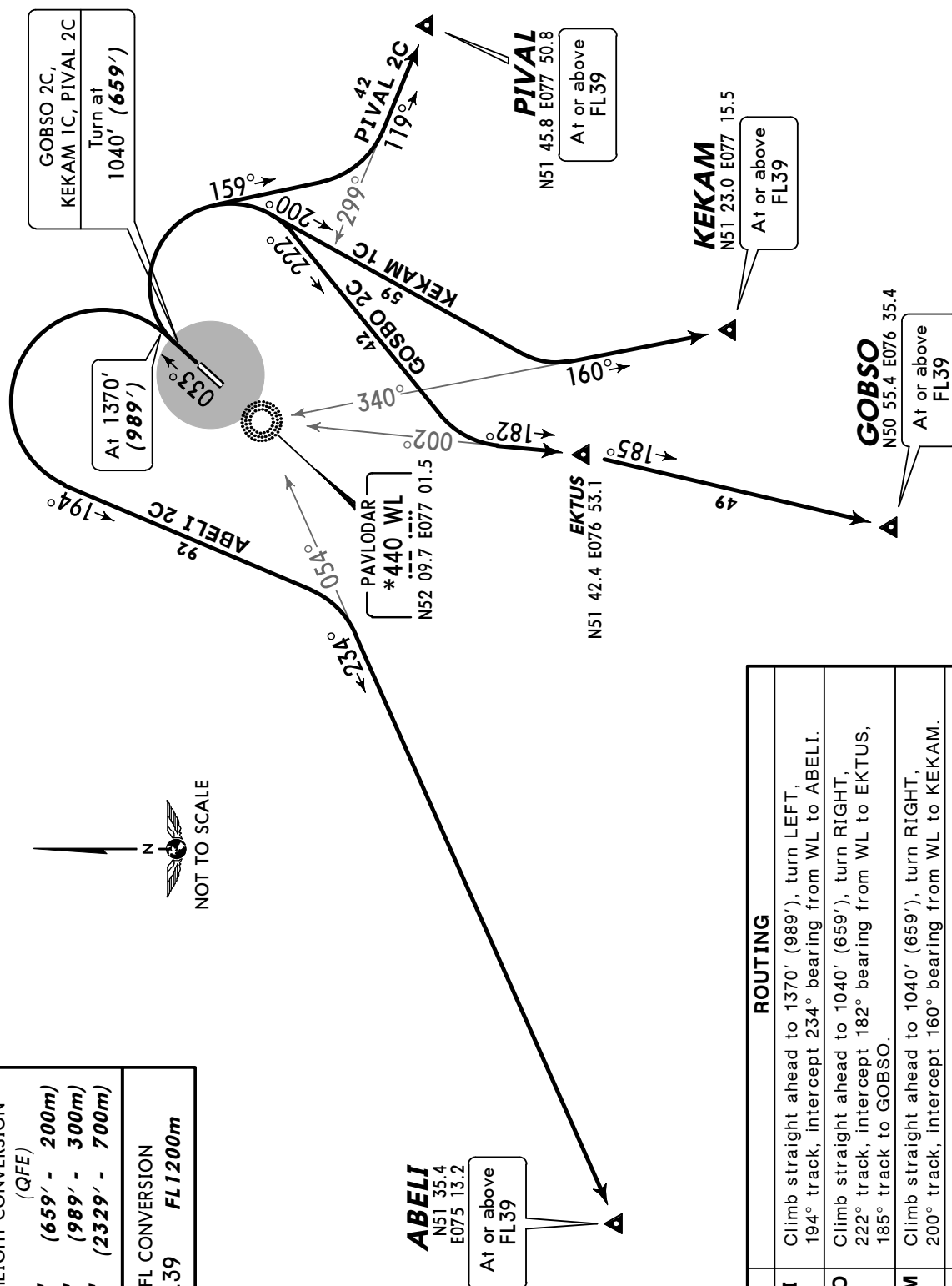
JEPPesen **PAVLODAR, KAZAKHSTAN**
6 MAY 11 **(10-3B)** **SID**

Apt Elev
410'

QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2710' **(2329')**
Crossing altitudes at airway entry points by ATC.



ABELI 2C [ABEL2C]
GOBSO 2C [GOBS2C]
KEKAM 1C [KEKA1C]
PIVAL 2C [PIVA2C]
RWY 03 DEPARTURES



ALT/HEIGHT CONVERSION
QNH (QFE)
1040' (659') - 200m
1370' (989') - 300m
2710' (2329') - 700m

FL CONVERSION
FL39 FL1200m

SID	ROUTING
ABELI 2C	Climb straight ahead to 1370' (989'), turn LEFT, 194° track, intercept 234° bearing from WL to ABELI.
GOBSO 2C	Climb straight ahead to 1040' (659'), turn RIGHT, 222° track, intercept 182° bearing from WL to EKTUS, 185° track to GOBSO.
KEKAM 1C	Climb straight ahead to 1040' (659'), turn RIGHT, 200° track, intercept 160° bearing from WL to KEKAM.
PIVAL 2C	Climb straight ahead to 1040' (659'), turn RIGHT, 159° track, intercept 119° bearing from WL to PIVAL.

UASP/PWQ
PAVLODAR

6 MAY 11

(10-3C)

PAVLODAR, KAZAKHSTAN

SID

Apt Elev
410'

QNH on request **(QFE)**

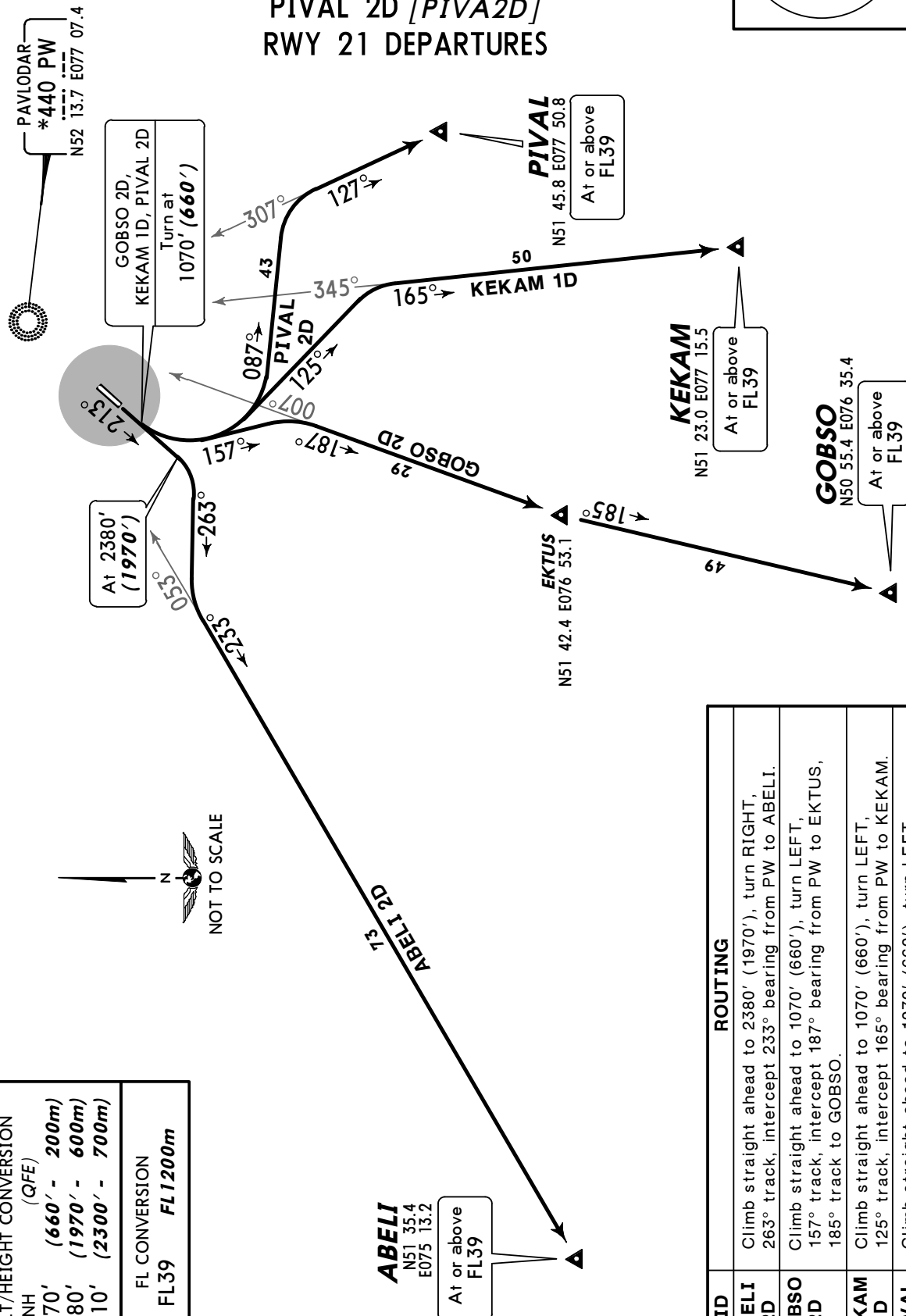
Trans level: FL39 Trans alt: 2710' **(2300')**

Crossing altitudes at airway entry points by ATC.

ABELI 2D [*ABEL2D*]
GOBSO 2D [*GOBS2D*]
KEKAM 1D [*KEKA1D*]
PIVAL 2D [*PIVA2D*]
RWY 21 DEPARTURES

2800'

MSA
PW NDB



ALT/HEIGHT CONVERSION QNH (QFE)	FL CONVERSION FL39 FL1200m
1070' (660' - 200m)	
2380' (1970' - 600m)	
2710' (2300' - 700m)	

SID	ROUTING
ABELI 2D	Climb straight ahead to 2380' (1970'), turn RIGHT, 263° track, intercept 233° bearing from PW to ABELI.
GOBSO 2D	Climb straight ahead to 1070' (660'), turn LEFT, 157° track, intercept 187° bearing from PW to EKTUS, 185° track to GOBSO.
KEKAM 1D	Climb straight ahead to 1070' (660'), turn LEFT, 125° track, intercept 165° bearing from PW to KEKAM.
PIVAL 2D	Climb straight ahead to 1070' (660'), turn LEFT, 087° track, intercept 127° bearing from PW to PIVAL.

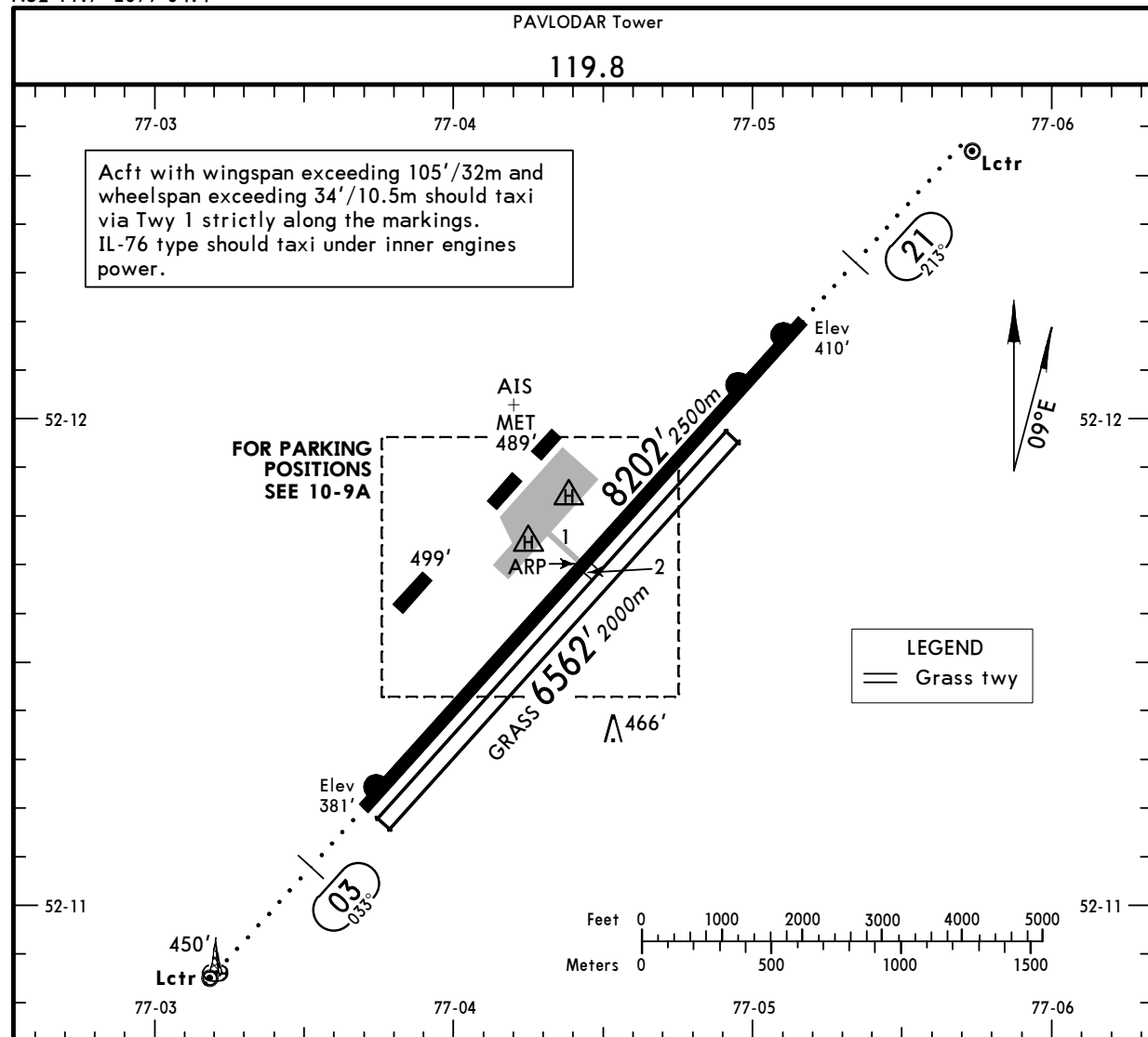
UASP/PWQ

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**
18 MAR 11 **10-9S****Standard**
PAVLODAR, KAZAKHSTAN
PAVLODAR

STRAIGHT-IN RWY		A	B	C	D
03	2 NDB ❶	750' (369') 1700m	750' (369') 1700m	750' (369') 1700m	750' (369') 1700m
	NDB ❶ ❷	1250' (869') 3000m	1250' (869') 3000m	1370' (989') 5000m	1370' (989') 5000m
	NDB ❸	1250' (869') 3500m	1250' (869') 3500m	1370' (989') 5000m	1370' (989') 5000m
	ALS out	4200m	4200m	5000m	5000m
21	ILS	610' (200') 800m	610' (200') 800m	640' (230') 900m	640' (230') 900m
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB ❶	790' (380') 1700m	790' (380') 1700m	790' (380') 1700m	790' (380') 1700m
	NDB	1070' (660') 3000m	1070' (660') 3000m	1400' (990') 5000m	1400' (990') 5000m
	ALS out	3200m	3200m	5000m	5000m

❶ Continuous Descent Final Approach.

❷ with FMS.

❸ w/o FMS.

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	400m	500m	300m	400m
B					
C					
D					

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

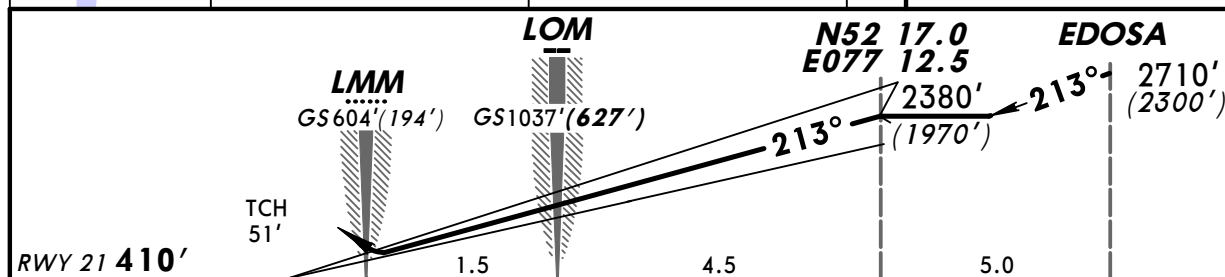
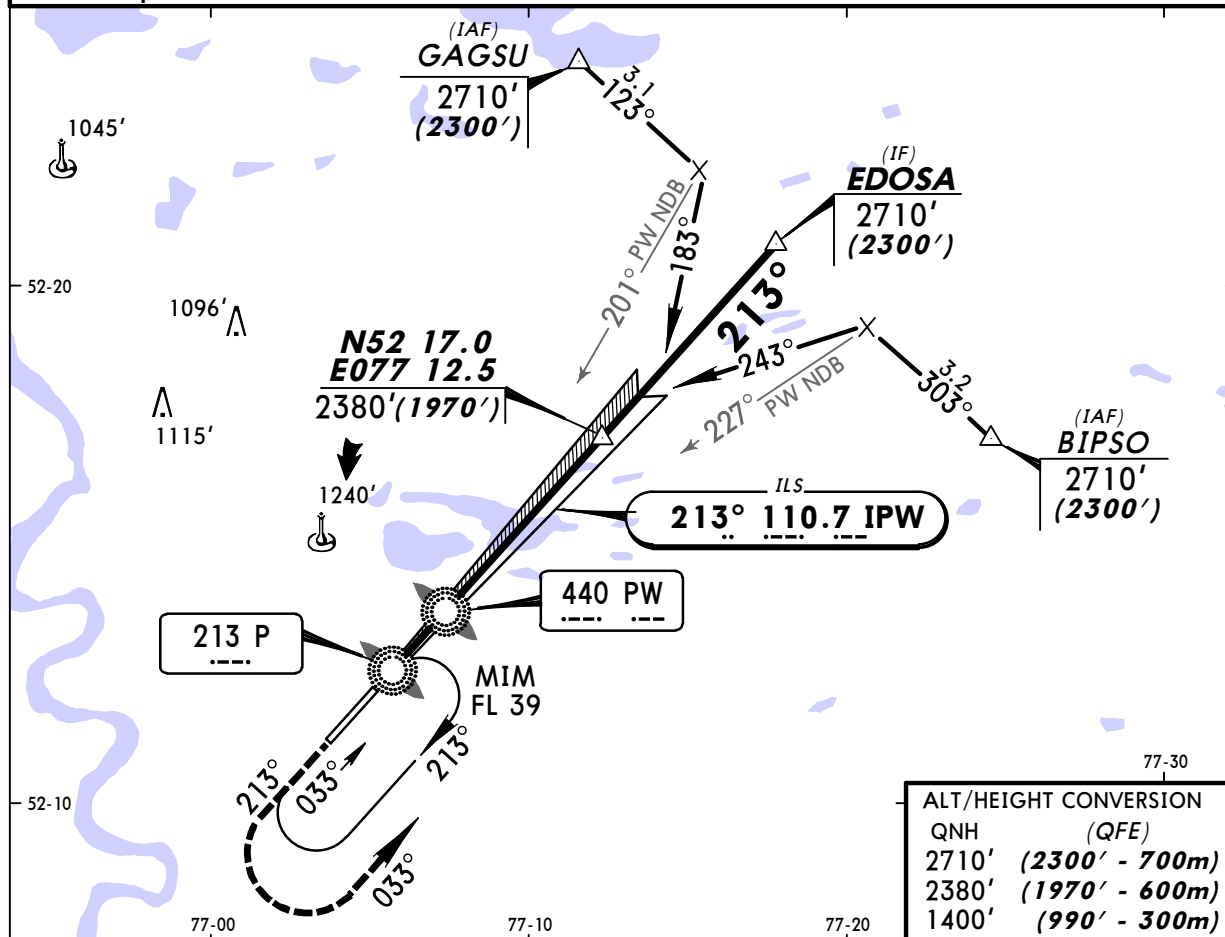
DAY			NIGHT	
LVP must be in force RL	RCLM or RL	NIL	LVP must be in force RL	RL
A	300m	500m	300m	400m
			400m	
B				
C				
D				

UASP/PWQ
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	1400' (990') on 213°
GS	2.67°	336	432	480	576	671	

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

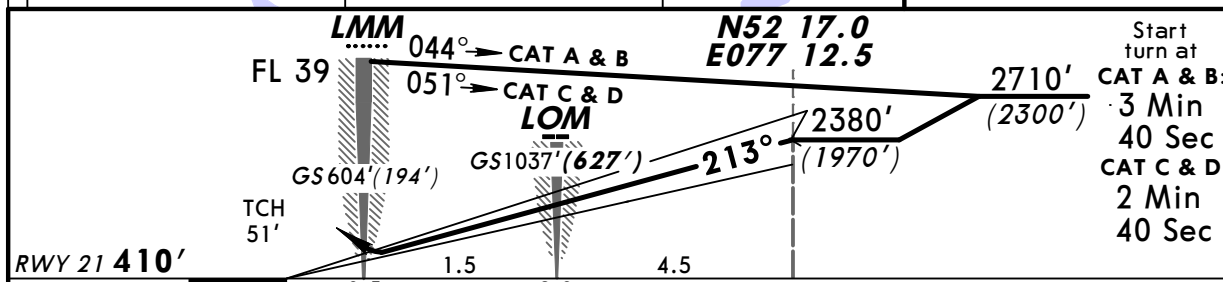
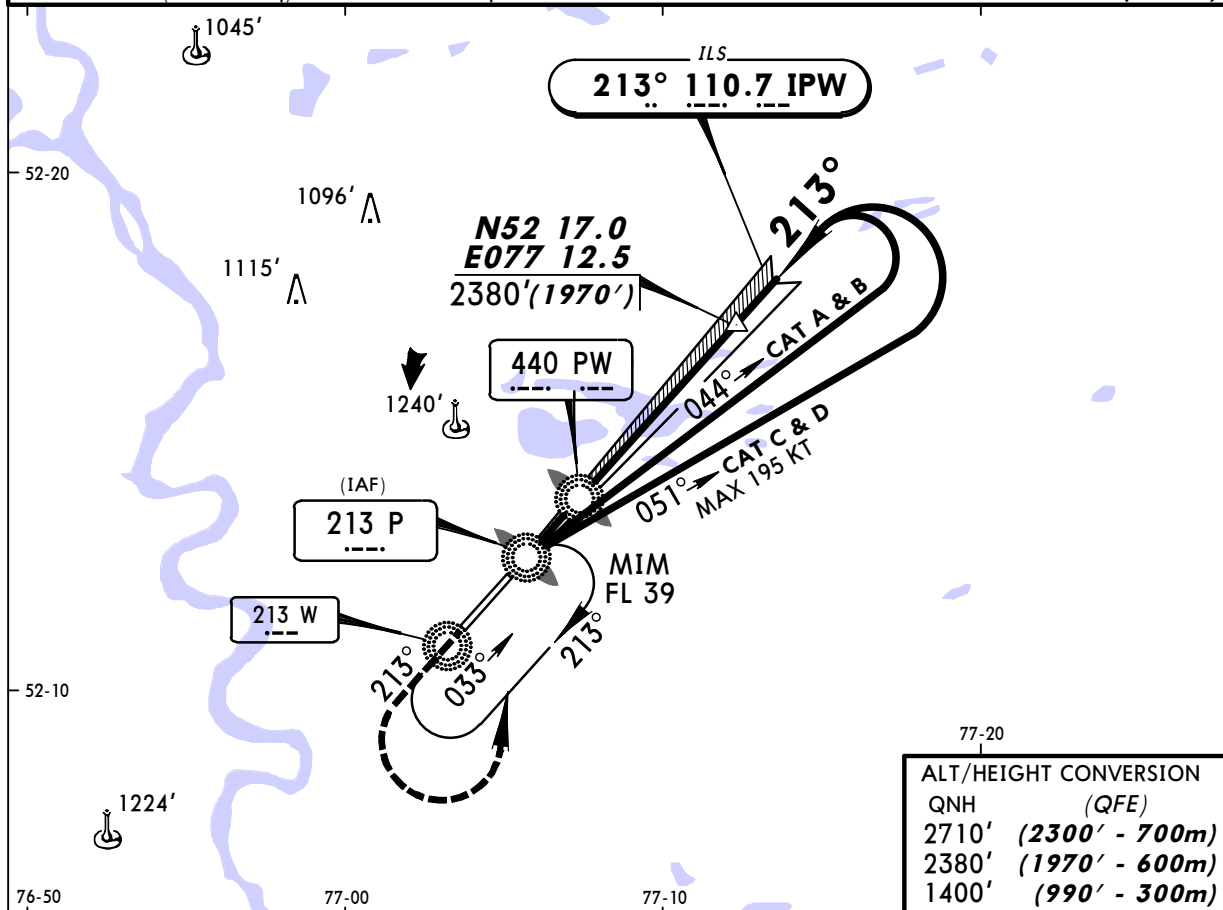
PANS OPS

UASP/PWQ
PAVLODAR

JEPPesen 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	Trans alt: 2710'(2300')



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

STRAIGHT-IN LANDING RWY 21						
ILS		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

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

PAVLODAR Tower

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'**

2800'

MISSED APCH: Climb on 033° to 1040' (659'), then turn RIGHT (MAX 225 KT) onto 213° climbing to 2710' (2329'), then as directed.

MSA W NDB

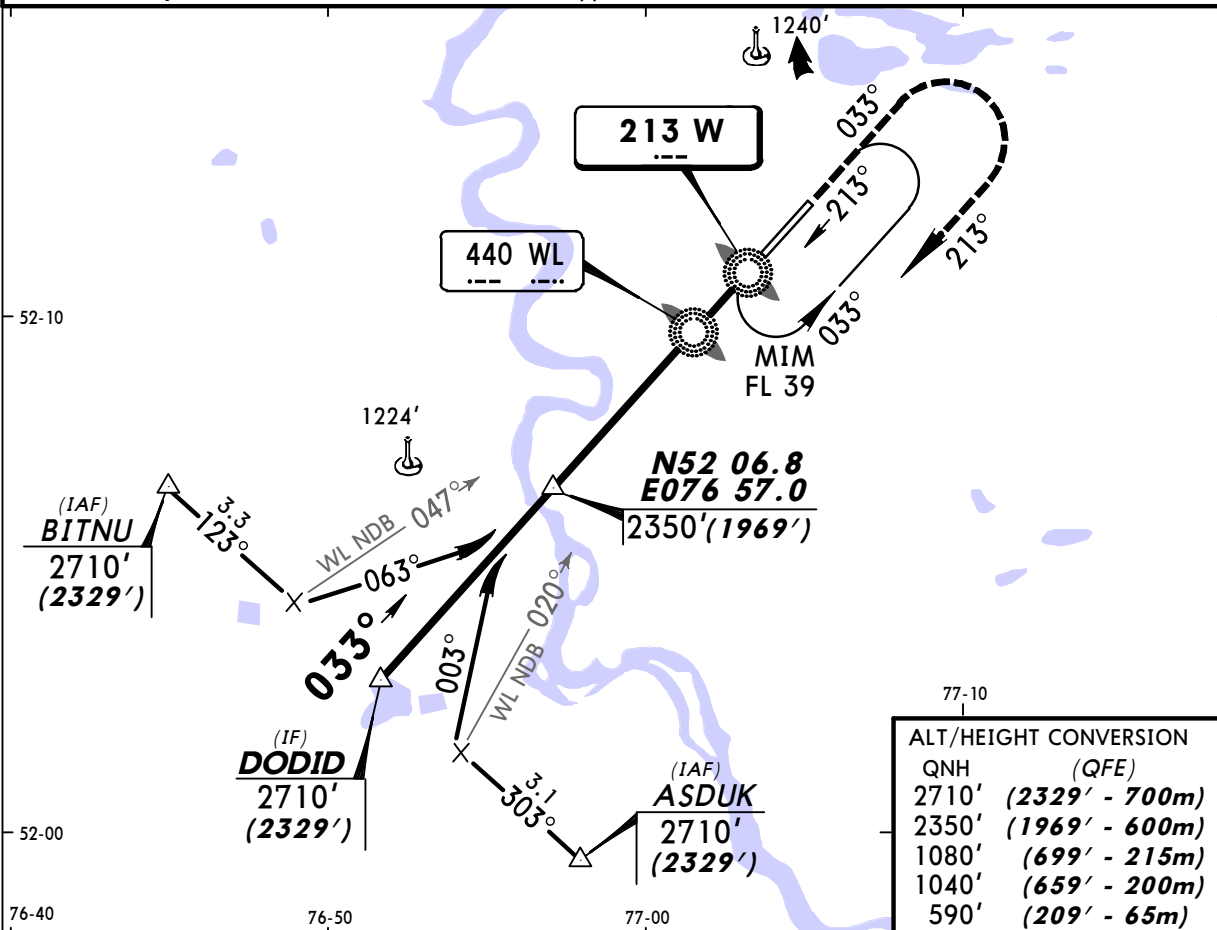
Alt Set: MM (hPa on req)

QNH on req (**QFE**)

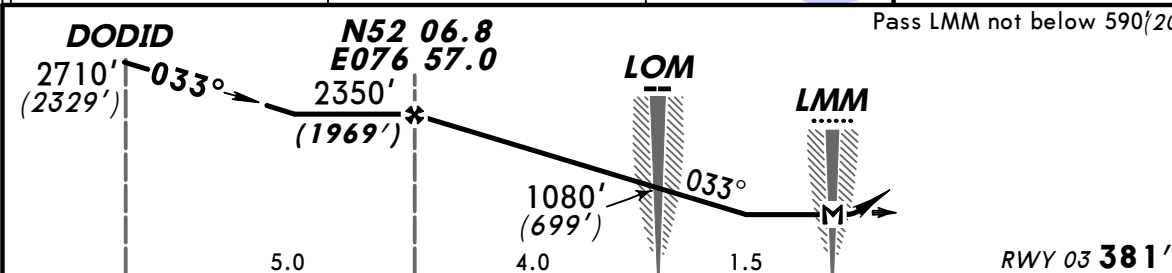
Trans level: FL 39

Trans alt: 2710'(**2329'**)

1. **RADAR required.** 2. Initial and intermediate approach as directed.



Pass LMM not below 590'(209').



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

0	HIALS
	■
	⋮
	—
PAPI	⋮

1040'
(659') on 033°

STRAIGHT-IN LANDING RWY 03

$MDA_{(H)} 750' (369')$

ALS out

A
B
C
D

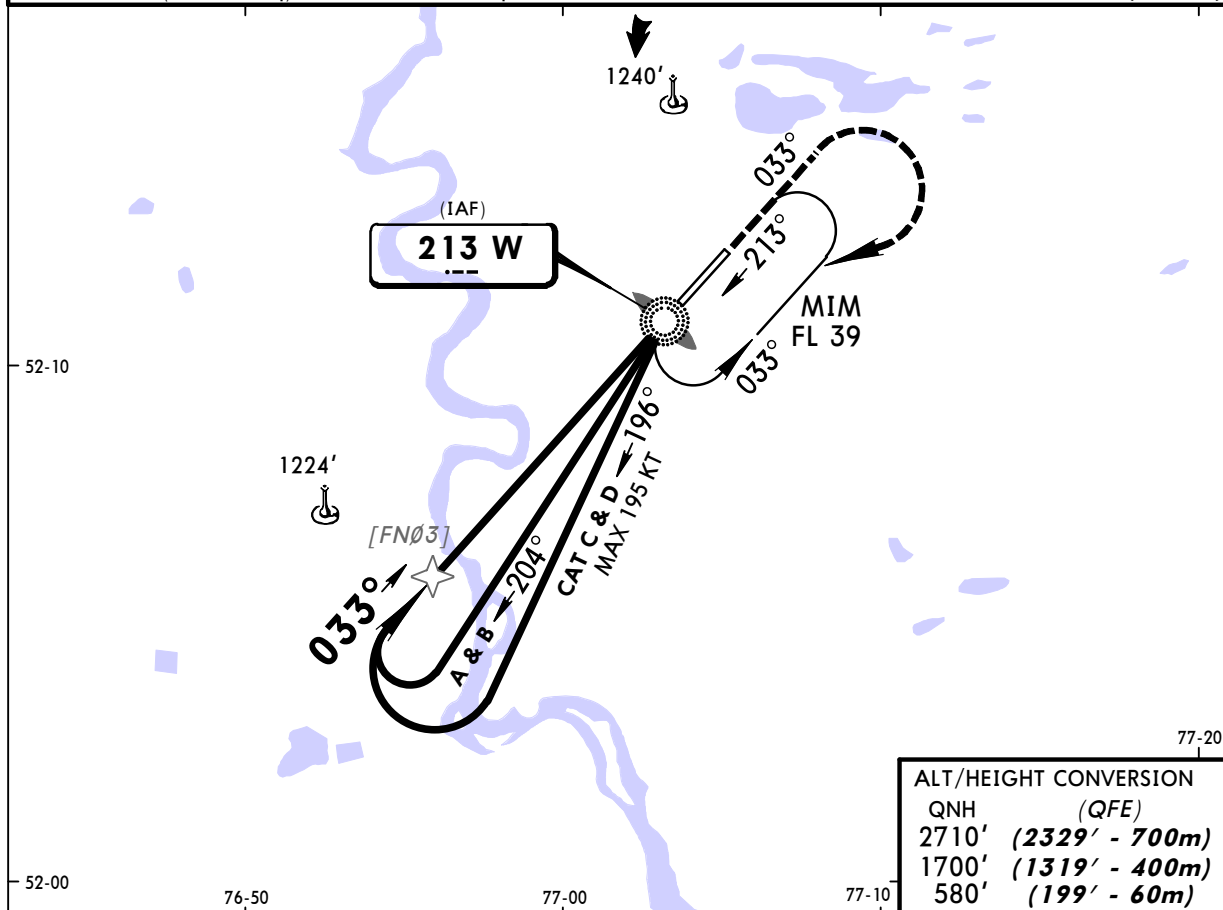
1700m

UASP/PWQ
PAVLODAR

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

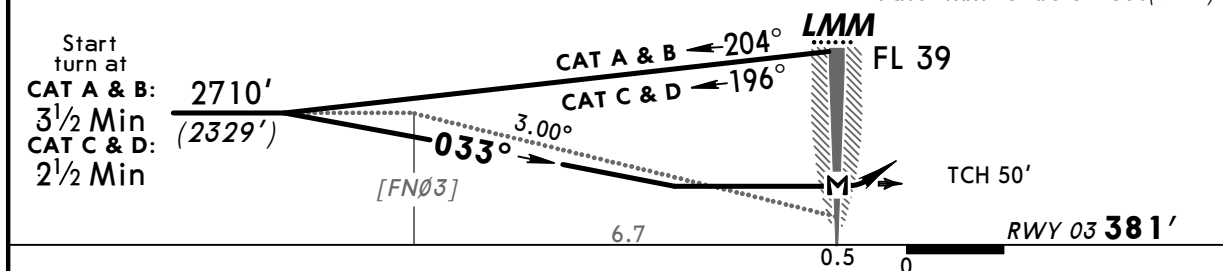
BRIEFING STRIP

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)

Pass LMM not below 580(199').



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

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

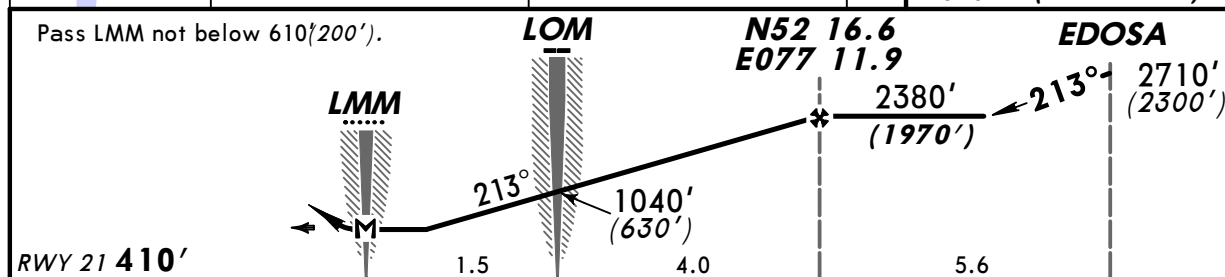
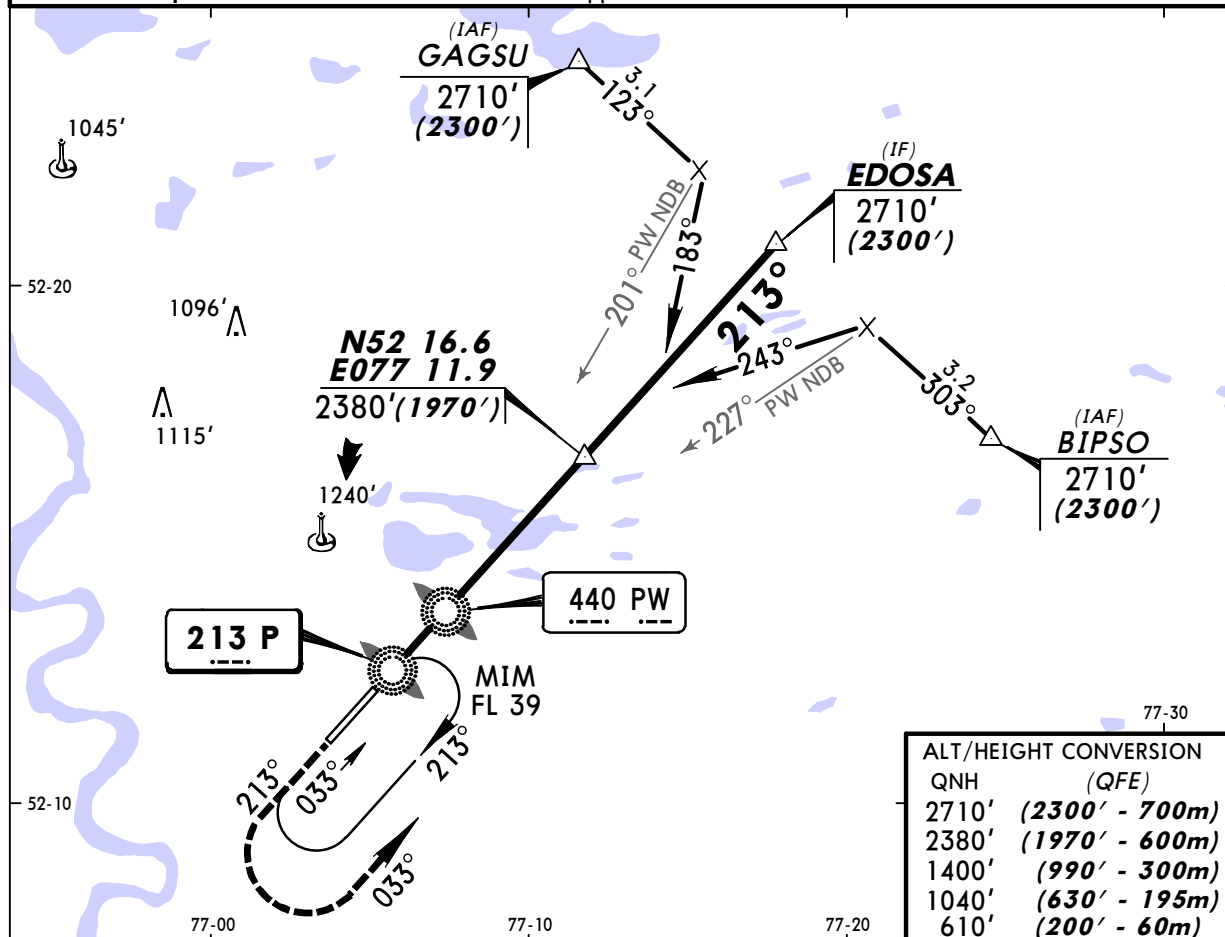
PANS OPS

UASP/PWQ
PAVLODAR

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

BRIEFING STRIP

PAVLODAR Tower					2800' MSA P NDB
119.8					
NDB P 213	Final Apch Crs 213°	Minimum Alt N52 16.6 E077 11.9 2380'(1970')	MDA(H) 790'(380')	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					Trans alt: 2710'(2300')
1. RADAR required. 2. Initial and intermediate approach as directed.					



1400' (990')	on 213°
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STRAIGHT-IN LANDING RWY 21			
MDA(H) 790'(380')			
		ALS out	
A	1700m		
B			
C			
D			

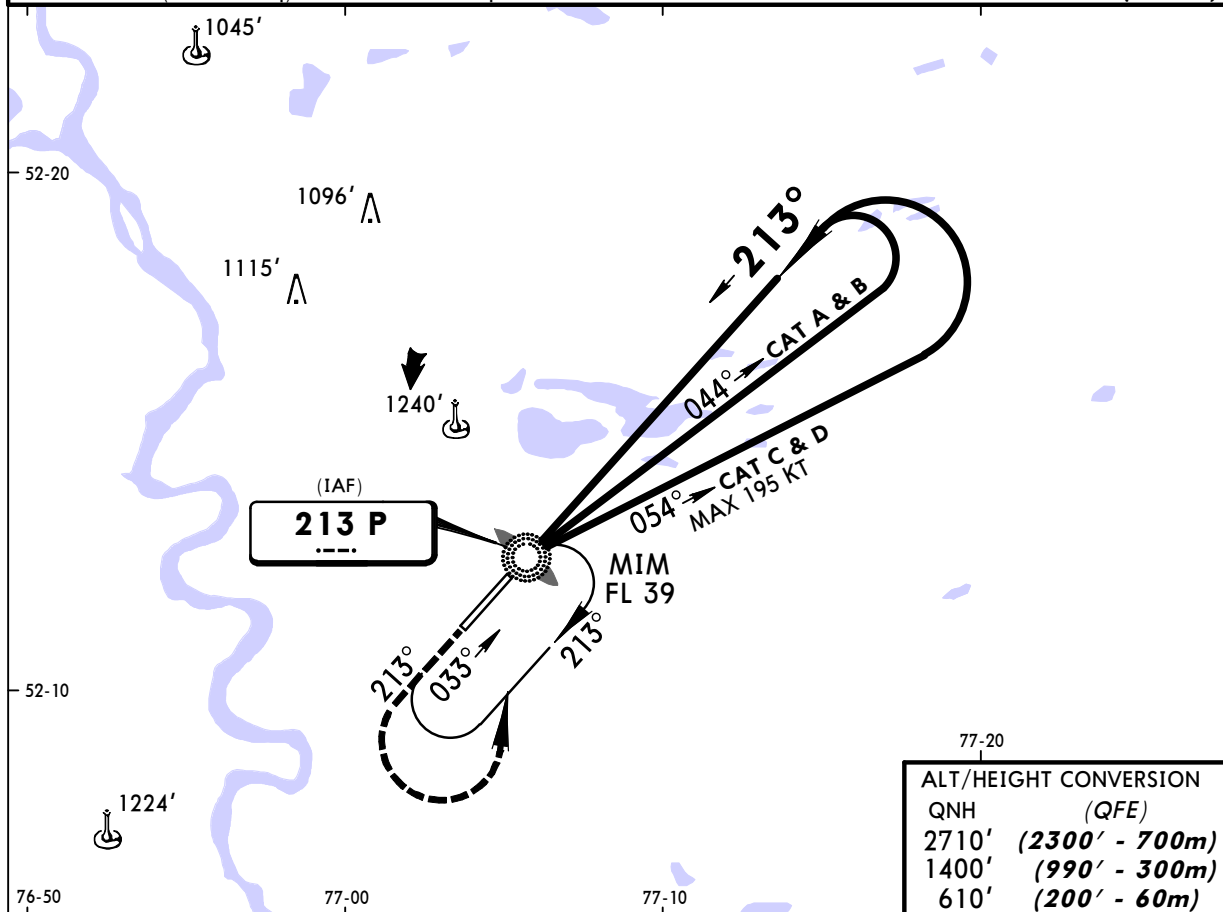
PANS OPS

UASP/PWQ
PAVLODAR

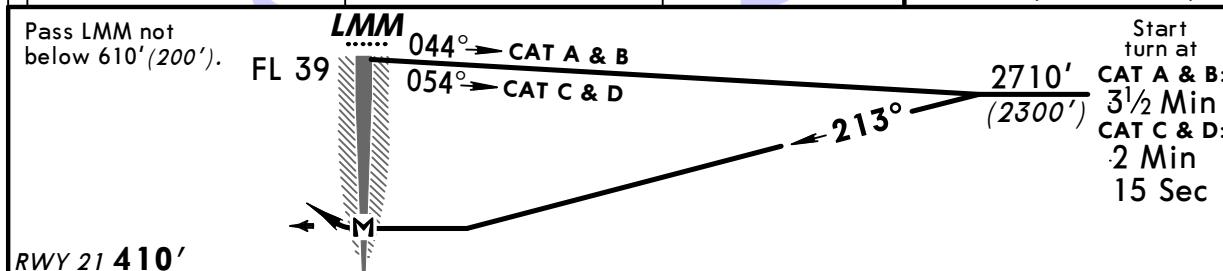
JEPPesen PAVLODAR, KAZAKHSTAN
12 NOV 10 **(16-4)** **Eff 18 Nov** **NDB Rwy 21**

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)



0 0.5												
										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