

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 11-2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UAlI

General Info

Shymkent, KAZ

N 42° 21.9' E 69° 28.6' Mag Var: 5.2°E

Elevation: 1385'

Public, IFR, Control Tower, Customs

Fuel: Jet, Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+6:00 no DST

Runway Info

Runway 10-28 10827' x 148' concrete

Runway 10 (101.0°M) TDZE 1309'

Lights: Edge, ALS, TDZ

Runway 28 (281.0°M) TDZE 1385'

Lights: Edge, ALS, TDZ

Communications Info

ATIS **126.6** Non-English

ATIS **119.2**

Shymkent Tower **125.9**

Notebook Info

UAI/CIT
SHYMKENT

19 NOV 10

10-2



JEPPESEN

SHYMKENT, KAZAKHSTAN

STAR

ATIS
 119.2 (Russian 126.6)

Apt Elev
 1385'

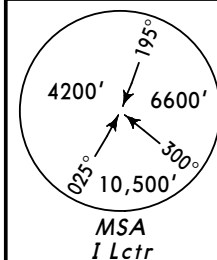
Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL69 Trans alt: 5000' (3615')

ADESA 2G [ADES2G] ①
DONUP 2G [DONU2G]
TURIK 2G [TURI2G]
RWY 28 ARRIVALS

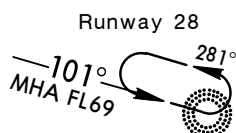
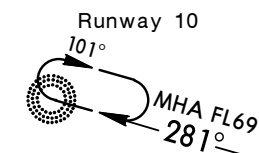
ADESA 1K [ADES1K] ①
DONUP 1K [DONU1K]
TURIK 1K [TURI1K]
RWY 10 ARRIVALS

FROM EAST

① By ATC.



HOLDINGS OVER
I



DONUP
 N42 38.0 E069 49.2
 At or above
 FL79

TURIK
 N42 31.1 E070 04.4
 At or above
 FL98

(IAF)
733 I
 N42 21.5 E069 30.4
 At FL69

② Descending below FL98 is permitted at a distance not more than 16.2 NM.

② **ADESA**
 N42 09.7 E069 48.9
 At or above
 FL118

FL CONVERSION
 FL118 **FL3600m**
 FL98 **FL3000m**
 FL79 **FL2400m**
 FL69 **FL2100m**

ALT/HEIGHT CONVERSION
 QNH (QFE)
 5000' (3615' - 1100m)



UAII/CIT
SHYMKENT

19 NOV 10

(10-2A)

JEPPESSEN SHYMKENT, KAZAKHSTAN

STAR

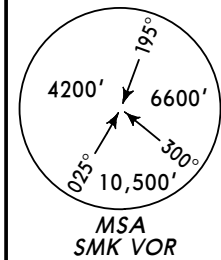
ATIS 119.2 (Russian 126.6)	Apt Elev 1385'	Alt Set: MM (hPa on request) QNH on request Trans level: FL69 Trans alt: 5000' (3615')	(QFE)
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ADESA 1H [ADES1H] ①
DONUP 1H [DONU1H]
TURIK 1H [TURI1H]
RWY 10 ARRIVALS

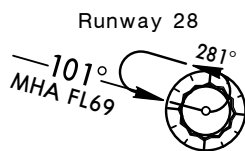
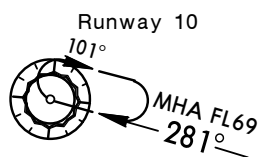
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DONUP 1L [DONU1L]
TURIK 1L [TURI1L]
RWY 28 ARRIVALS

FROM EAST

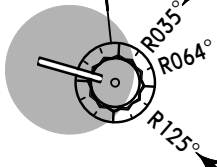
① By ATC.



HOLDINGS OVER SMK



(IAF)
SHYMKENT
113.0 SMK
N42 21.5 E069 30.3
At FL69



FL CONVERSION
FL118 **FL3600m**
FL98 **FL3000m**
FL79 **FL2400m**
FL69 **FL2100m**

ALT/HEIGHT CONVERSION
QNH (QFE)
5000' (**3615' - 1100m**)

DONUP
N42 38.0 E069 49.2
At or above FL79

TURIK
N42 31.1 E070 04.4
At or above FL98

② Descending below FL98 is permitted at a distance not more than 16.2 NM.

② **ADESA**
N42 09.7 E069 48.9
At or above FL118

UAI/CIT
SHYMKENT

19 NOV 10

(10-2B)

JEPPESSEN

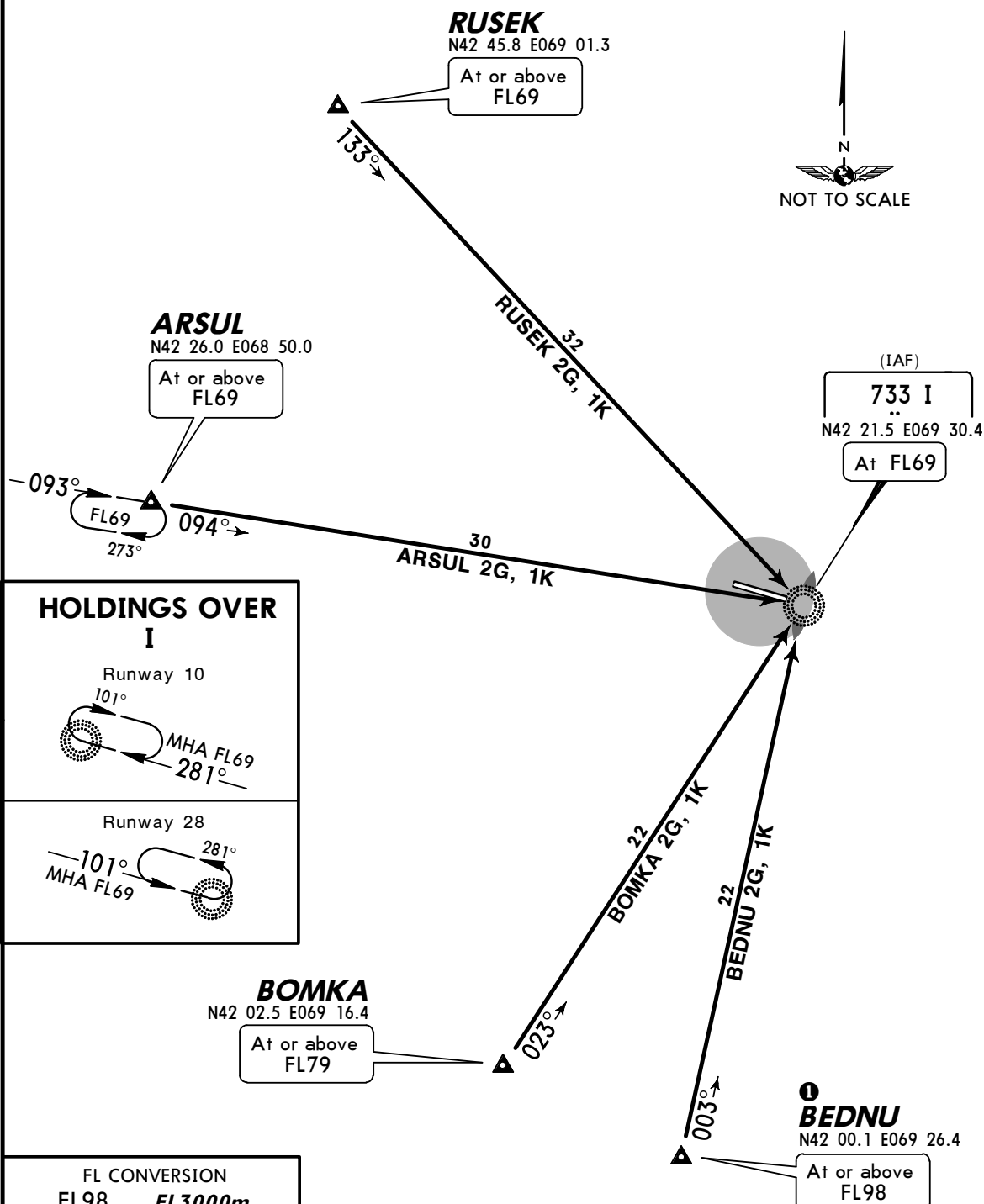
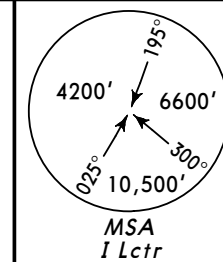
SHYMKENT, KAZAKHSTAN

STAR

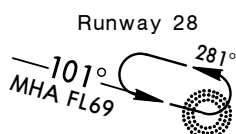
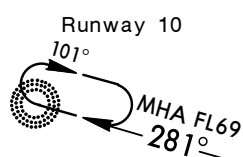
ATIS 119.2 (Russian 126.6)	Apt Elev 1385'	Alt Set: MM (hPa on request) QNH on request Trans level: FL69 Trans alt: 5000' (3615')	(QFE)
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ARSUL 2G [ARSU2G]	ARSUL 1K [ARSU1K]
BEDNU 2G [BEDN2G]	BEDNU 1K [BEDN1K]
BOMKA 2G [BOMK2G]	BOMKA 1K [BOMK1K]
RUSEK 2G [RUSE2G]	RUSEK 1K [RUSE1K]
RWY 28 ARRIVALS	RWY 10 ARRIVALS

FROM SOUTH & WEST



HOLDINGS OVER
I



BOMKA
 N42 02.5 E069 16.4
 At or above
 FL79

FL CONVERSION
 FL98 **FL3000m**
 FL79 **FL2400m**
 FL69 **FL2100m**

ALT/HEIGHT CONVERSION
 QNH (QFE)
 5000' (**3615' - 1100m**)

1 Descending below FL98 is permitted at a distance not more than 16.2 NM.

UAI/CIT
SHYMKENT

19 NOV 10

(10-2C)

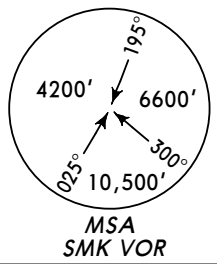
SHYMKENT, KAZAKHSTAN

STAR

ATIS
119.2 (Russian **126.6**)

Apt Elev
1385'

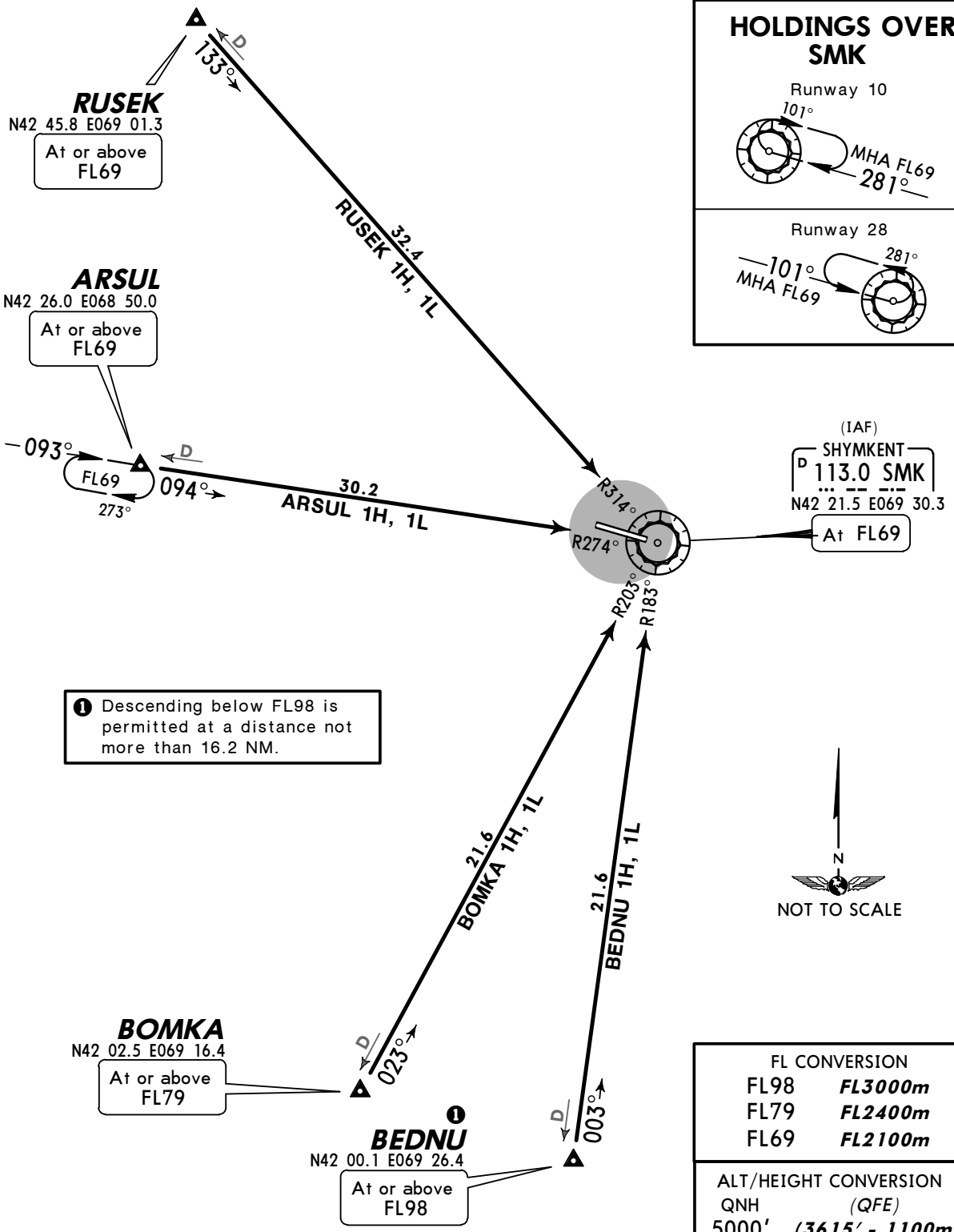
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69 Trans alt: 5000' (**3615'**)



ARSUL 1H [ARSU1H]
BEDNU 1H [BEDN1H]
BOMKA 1H [BOMK1H]
RUSEK 1H [RUSE1H]
RWY 10 ARRIVALS

ARSUL 1L [ARSU1L]
BEDNU 1L [BEDN1L]
BOMKA 1L [BOMK1L]
RUSEK 1L [RUSE1L]
RWY 28 ARRIVALS

FROM SOUTH & WEST



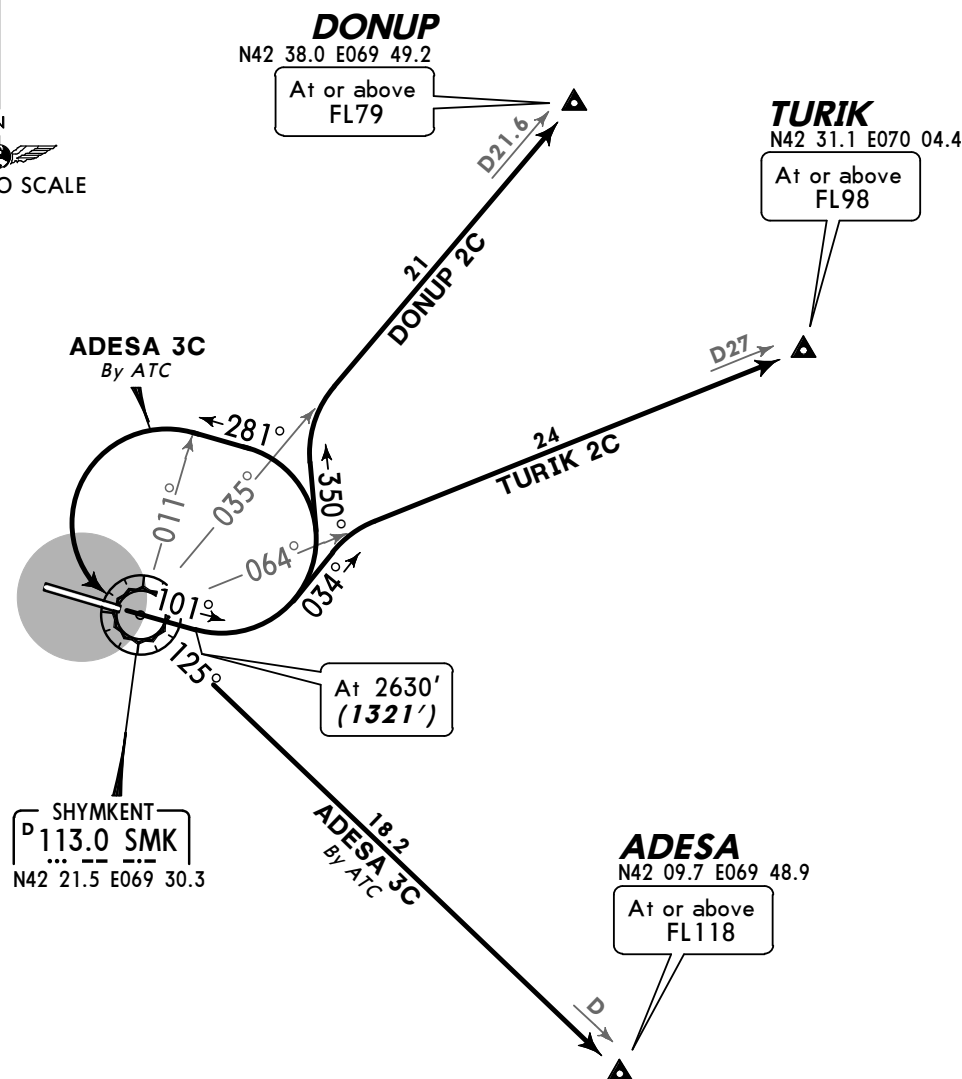
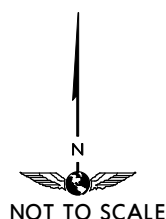
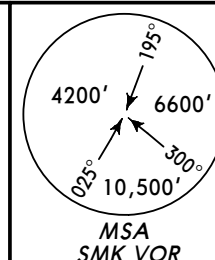
UAII/CIT
SHYMKENT

JEPPesen SHYMKENT, KAZAKHSTAN
 19 NOV 10 **10-3** **SID**

Apt Elev
1385'

QNH on request **(QFE)**
 Trans level: FL69 Trans alt: 5000' **(3691')**
 Turn speed: MAX 225 KT.

ADESA 3C [ADES3C]
DONUP 2C [DONU2C]
TURIK 2C [TURI2C]
RWY 10 DEPARTURES
TO EAST



ALT/HEIGHT CONVERSION
 QNH **(QFE)**
 2630' **(1321' - 400m)**
 5000' **(3691' - 1100m)**

FL CONVERSION
 FL69 **FL2100m**
 FL79 **FL2400m**
 FL98 **FL3000m**
 FL118 **FL3600m**

These SIDs require minimum climb gradients of

DONUP 2C
 249' per NM (4.1%).
TURIK 2C
 292' per NM (4.8%).

Gnd speed-KT	75	100	150	200	250	300
292' per NM	365	486	729	972	1215	1458
249' per NM	311	415	623	830	1038	1246

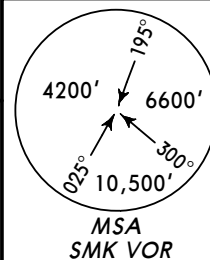
SID	ROUTING
ADESA 3C By ATC	Climb to 2630' (1321') , turn LEFT, 281° track, when passing SMK R-011 turn LEFT to SMK, SMK R-125 to ADESA.
DONUP 2C	Climb to 2630' (1321') , turn LEFT, 350° track, intercept SMK R-035 to DONUP.
TURIK 2C	Climb to 2630' (1321') , turn LEFT, 034° track, intercept SMK R-064 to TURIK.

UAII/CIT
SHYMKENT

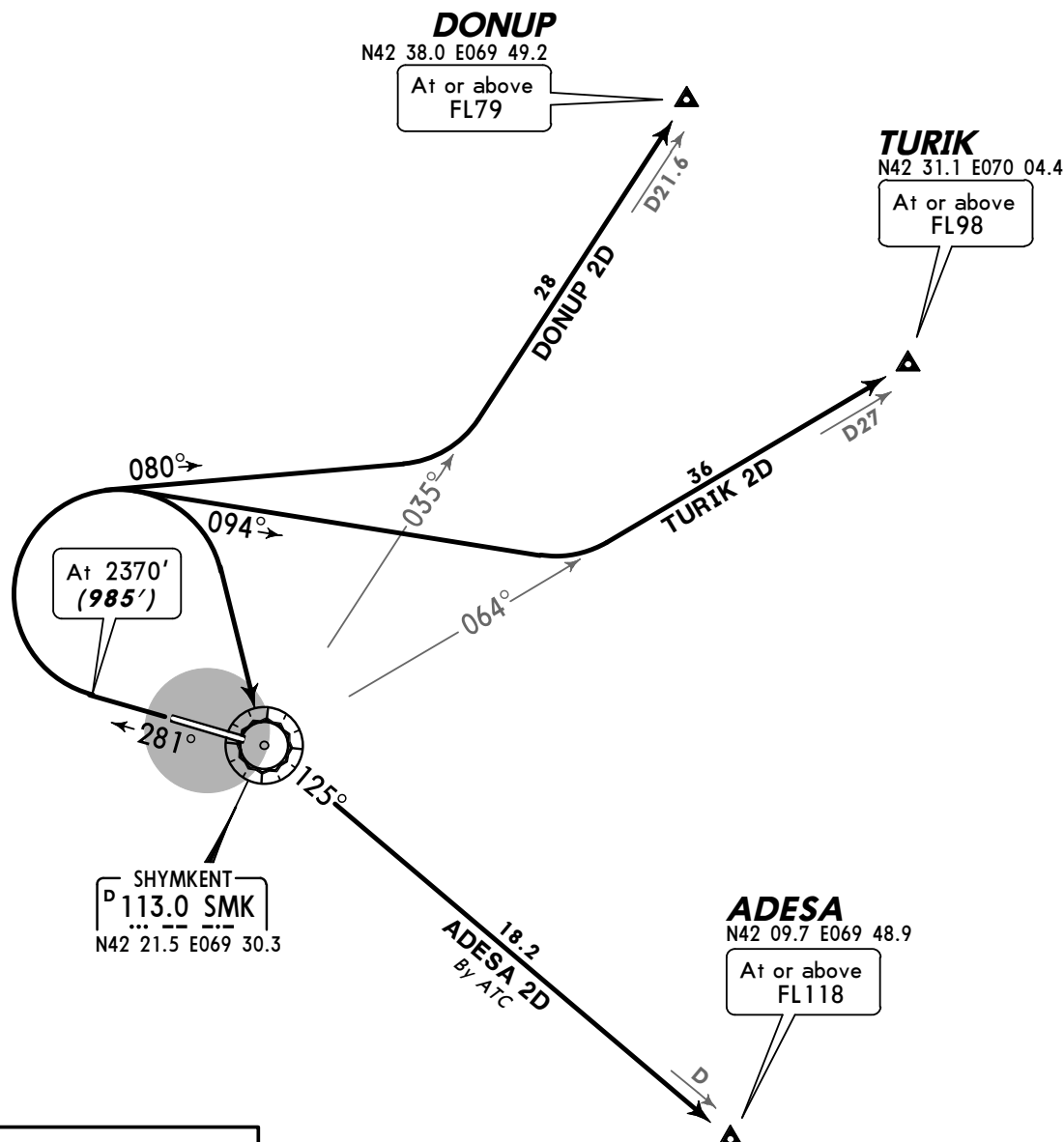
19 NOV 10

10-3A**SHYMKENT, KAZAKHSTAN****SID****Apt Elev**
1385'QNH on request **(QFE)**Trans level: FL69 Trans alt: 5000' **(3615')**

Turn speed: MAX 225 KT.

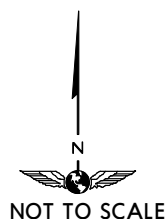


ADESA 2D [ADES2D]
DONUP 2D [DONU2D]
TURIK 2D [TURI2D]
RWY 28 DEPARTURES
TO EAST



ALT/HEIGHT CONVERSION
 QNH (QFE)
 2370' (985' - 300m)
 5000' (3615' - 1100m)

FL CONVERSION
 FL69 **FL2100m**
 FL79 **FL2400m**
 FL98 **FL3000m**
 FL118 **FL3600m**



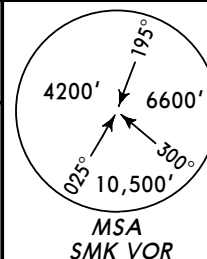
SID	ROUTING
ADESA 2D By ATC	Climb to 2370' (985'), turn RIGHT to SMK, SMK R-125 to ADESA.
DONUP 2D	Climb to 2370' (985'), turn RIGHT, 080° track, intercept SMK R-035 to DONUP.
TURIK 2D	Climb to 2370' (985'), turn RIGHT, 094° track, intercept SMK R-064 to TURIK.

UAI/CIT
SHYMKENT

JEPPESEN SHYMKENT, KAZAKHSTAN
 19 NOV 10 **(10-3B)** **SID**

Apt Elev
1385'

QNH on request **(QFE)**
 Trans level: FL69 Trans alt: 5000' **(3691')**
 Turn speed: MAX 225 KT.



ARSUL 3C [ARSU3C]
ARSUL 1E [ARSU1E]
BOMKA 3C [BOMK3C]
BOMKA 1E [BOMK1E]
RUSEK 2C [RUSE2C]
RWY 10 DEPARTURES
TO WEST

ARSUL
 N42 26.0 E068 50.0

At or above
 FL69

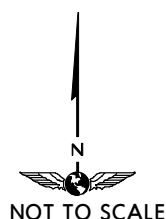
RUSEK
 N42 45.8 E069 01.3

At or above
 FL69

ARSUL 3C
 BOMKA 3C
 RUSEK 2C
 Turn at
 2630' **(1321')**

SHYMKENT
 D 113.0 SMK
 N42 21.5 E069 30.3

At 3280'
(1971')



BOMKA
 N42 02.5 E069 16.4

At or above
 FL79

ALT/HEIGHT CONVERSION
 QNH (QFE)
 2630' **(1321' - 400m)**
 3280' **(1971' - 600m)**
 5000' **(3691' - 1100m)**

FL CONVERSION
 FL69 **FL2100m**
 FL79 **FL2400m**

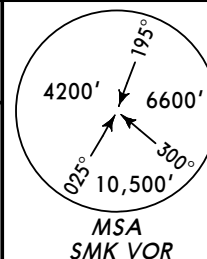
SID	ROUTING
ARSUL 3C	Climb to 2630' (1321') , turn LEFT, 244° track, intercept SMK R-274 to ARSUL.
ARSUL 1E By ATC	Climb to 3280' (1971') , turn RIGHT, 281° track to ARSUL.
BOMKA 3C	Climb to 2630' (1321') , turn LEFT to SMK, SMK R-203 to BOMKA.
BOMKA 1E By ATC	Climb to 3280' (1971') , turn RIGHT, 221° track to BOMKA.
RUSEK 2C	Climb to 2630' (1321') , turn LEFT, 284° track, intercept SMK R-314 to RUSEK.

UAII/CIT
SHYMKENT

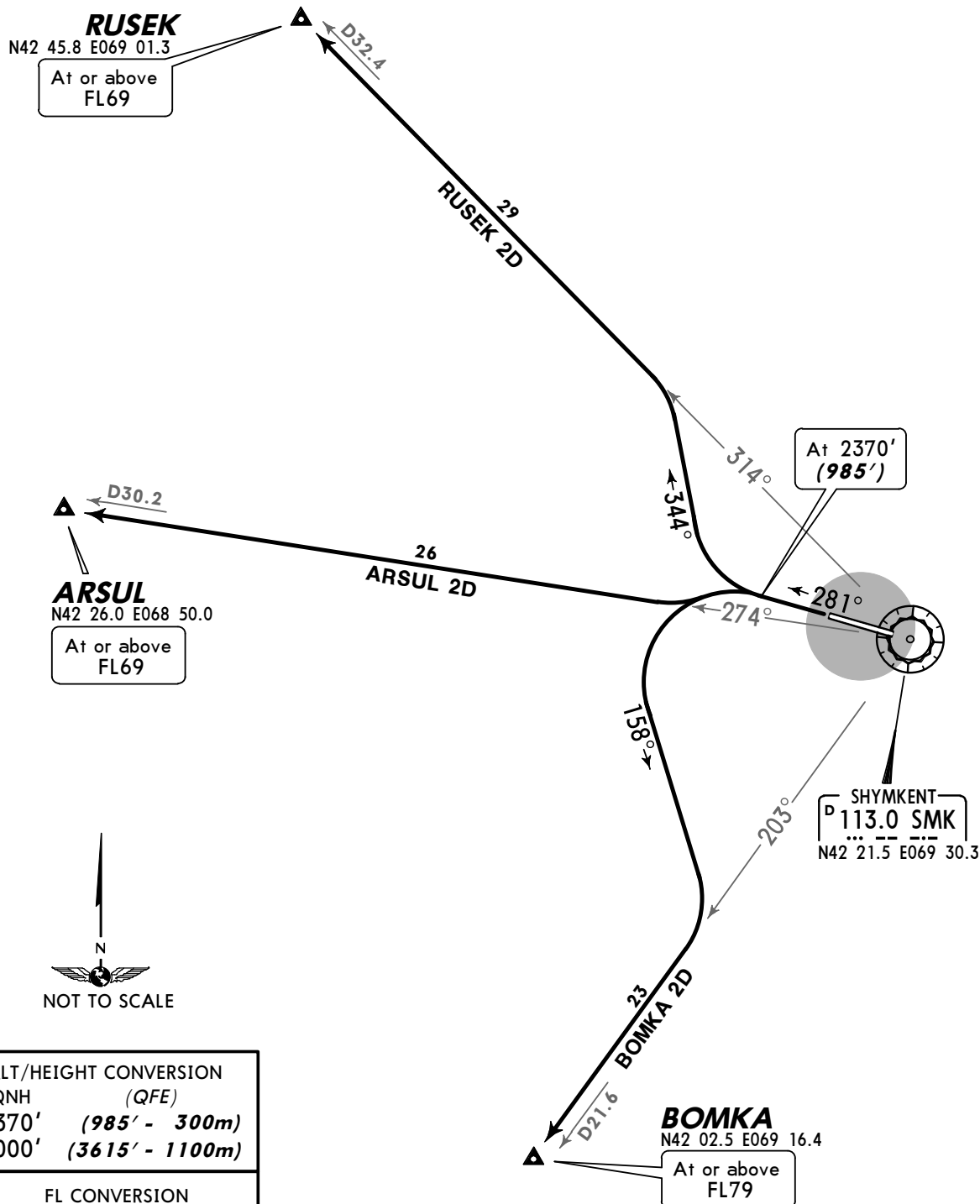
JEPPESEN SHYMKENT, KAZAKHSTAN
 19 NOV 10 **(10-3C)** **SID**

Apt Elev
1385'

QNH on request **(QFE)**
 Trans level: FL69 Trans alt: 5000' **(3615')**
 Turn speed: MAX 225 KT.



ARSUL 2D [ARSU2D]
BOMKA 2D [BOMK2D]
RUSEK 2D [RUSE2D]
RWY 28 DEPARTURES
TO WEST



ALT/HEIGHT CONVERSION
 QNH **(QFE)**
 2370' **(985' - 300m)**
 5000' **(3615' - 1100m)**

FL CONVERSION
 FL69 **FL2100m**
 FL79 **FL2400m**

SID	ROUTING
ARSUL 2D	Climb to 2370' (985') , turn LEFT, intercept SMK R-274 to ARSUL.
BOMKA 2D	Climb to 2370' (985') , turn LEFT, 158° track, intercept SMK R-203 to BOMKA.
RUSEK 2D	Climb to 2370' (985') , turn RIGHT, 344° track, intercept SMK R-314 to RUSEK.

UAI/CIT
SHYMKENT

26 MAR 10

JEPPESEN

10-4

Eff 8 Apr

SHYMKENT, KAZAKHSTAN

NOISE

NOISE ABATEMENT

SUMMER : LT minus 7 HOURS	= UTC (Z)
WINTER : LT minus 6 HOUR	= UTC (Z)

GENERAL

In an effort of noise abatement at aerodrome follow procedures according to Flight Operation Manual and it is recommended to fulfill.

ARRIVAL

Do not use RWY 28 for landing if tailwind component for RWY 10 does not exceed established limitation by Flight Operation Manual of given type of aircraft.

DEPARTURE

Do not use RWY 10 for departure in the presence of conditions of departure from RWY28:

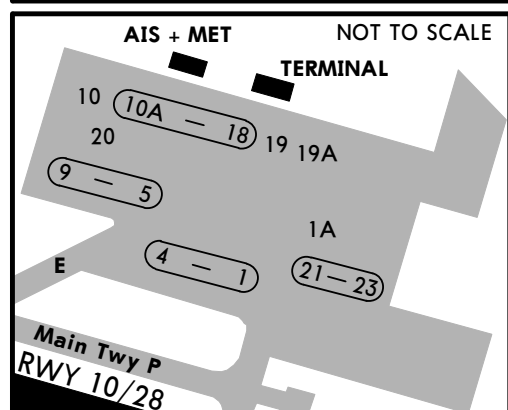
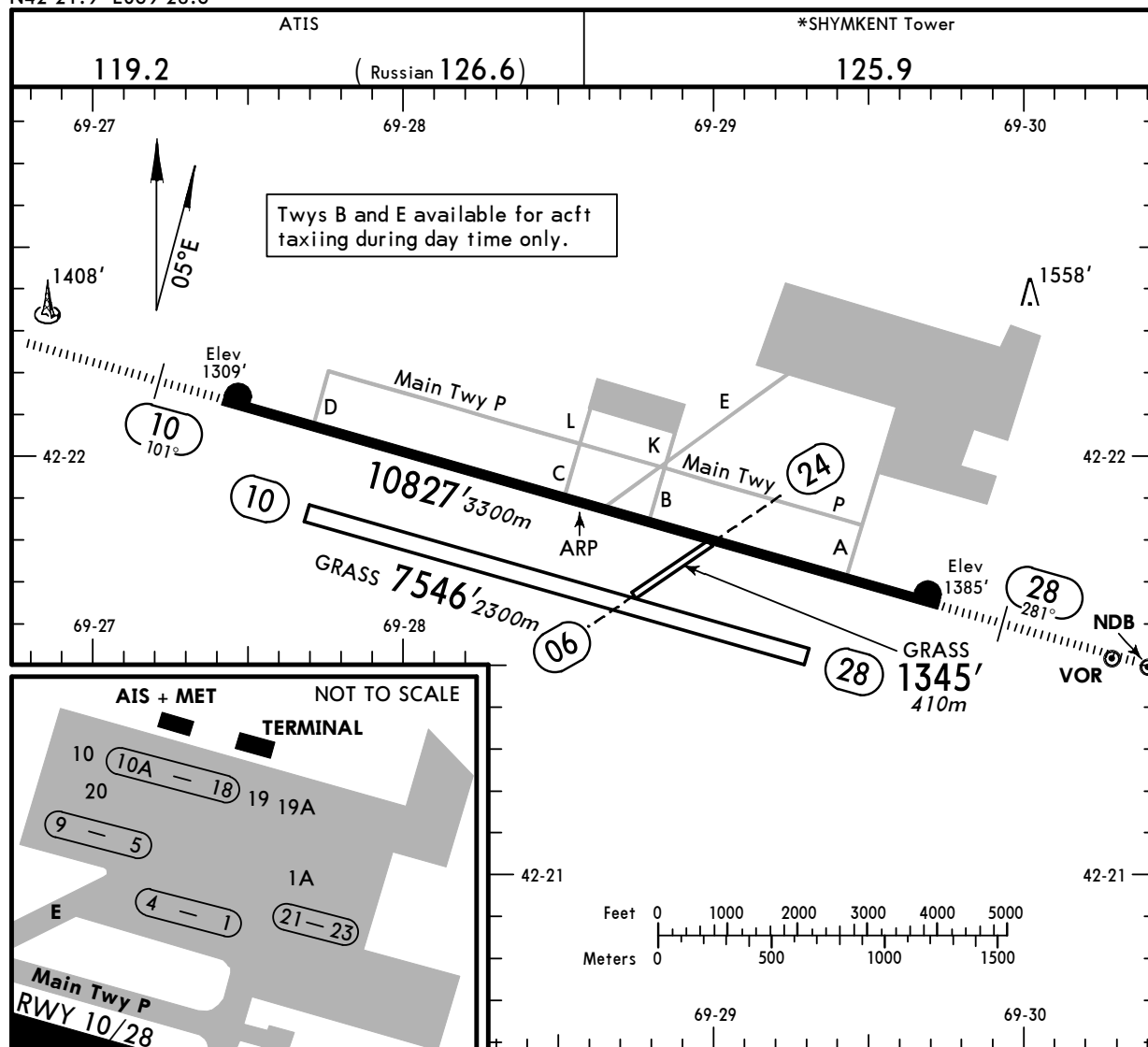
- if tailwind component does not exceed established limitation by Flight Operation Manual of given type of aircraft by crew report.
- when airborne from RWY 10 climbing is effected with maximum climb gradient.

RUN-UP TESTS

Between 2200-0700LT do not run up engine higher than idle speed.

UAII/CIT
 Apt Elev **1385'**
 N42 21.9 E069 28.6

JEPPesen SHYMKENT, KAZAKHSTAN
 11 FEB 11 **(10-9)**
 SHYMKENT



ADDITIONAL RUNWAY INFORMATION

RWY			USABLE LENGTHS		TAKE-OFF	WIDTH
			Threshold	Glide Slope		
06						69' 21m
24						
10		HIRL (60m) HIALS TDZ PAPI-L(3.0°) RVR		10053' 3064m 9843' 3000m		148' 45m
28						
10		Grass runway				246' 75m
28						

TAKE-OFF

AIR CARRIER (JAA)
All Rwy's

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

1 LVP must be in force: 300m.

CHANGES: None.

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UAII/CIT

6 MAY 11

 **JEPPESEN****10-9S****SHYMKENT, KAZAKHSTAN****Standard****SHYMKENT**

STRAIGHT-IN RWY		A	B	C	D
10	ILS	1509' (200')	1509' (200')	1539' (230')	1539' (230')
		800m	800m	900m	900m
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ❶	1970' (661')	1970' (661')	2300' (991')	2300' (991')
		2500m	2500m	5000m	5000m
	NDB ❶ ❷	1970' (661')	1970' (661')	2300' (991')	2300' (991')
		2500m	2500m	5000m	5000m
	NDB ❸	1970' (661')	1970' (661')	2300' (991')	2300' (991')
		2600m	2600m	5000m	5000m
	ALS out	3300m	3300m	5000m	5000m
28	ILS	1585' (200')	1585' (200')	1615' (230')	1615' (230')
		800m	800m	900m	900m
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ❶ ❹	2050' (665')	2050' (665')	2370' (985')	2370' (985')
		2500m	2500m	5000m	5000m
	VOR ❺	2210' (825')	2210' (825')	2370' (985')	2370' (985')
		2500m	2500m	5000m	5000m
	2 NDB ❶ ❷	2370' (985')	2370' (985')	2700' (1315')	2700' (1315')
		3000m	3000m	5000m	5000m
	2 NDB ❸	2370' (985')	2370' (985')	2700' (1315')	2700' (1315')
		4000m	4000m	5000m	5000m
	ALS out	4700m	4700m	5000m	5000m
	NDB	2590' (1205')	2590' (1205')	2590' (1205')	2590' (1205')
		5000m	5000m	5000m	5000m

❶ Continuous Descent Final Approach.

❷ with FMS.

❸ w/o FMS.

❹ with D2.1.

❺ w/o D2.1.

TAKE-OFF RWY 10, 28

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

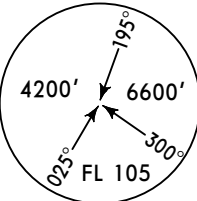
❹ LVP must be in force: 300m.

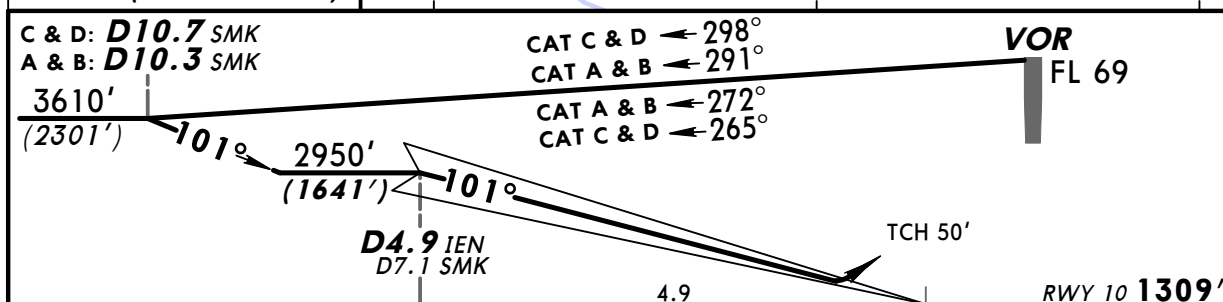
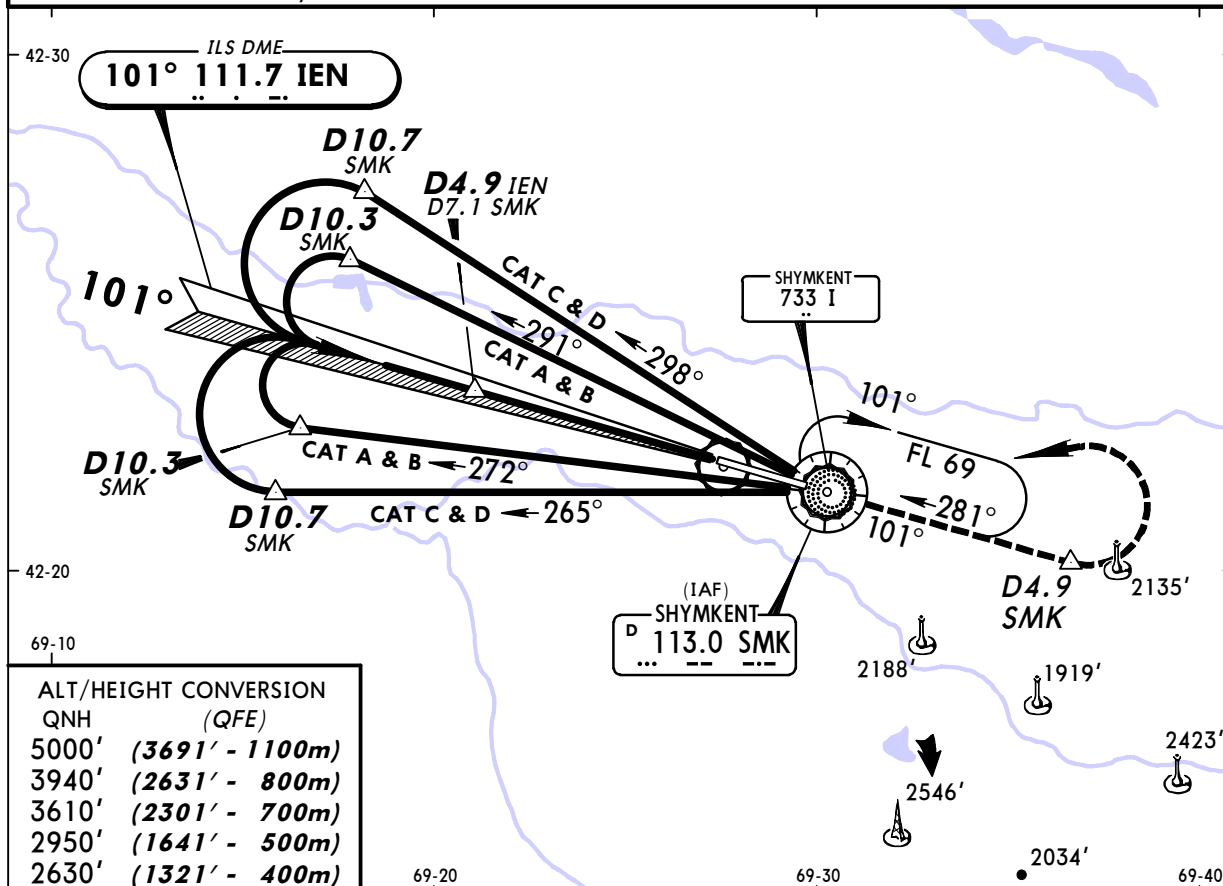
UAII/CIT SHYMKENT

11 FEB 11 **(11-1)**

SHYMKENT, KAZAKHSTAN ILS DME Z Rwy 10

BRIEFING STRIP

119.2		ATIS (Russian 126.6)		*SHYMKENT Tower 125.9		
LOC IEN 111.7	Final Apch Crs 101°	GS D4.9 IEN 2950' (1641')	ILS DA(H) Refer to Minimums	Apt Elev 1385' RWY 1309'		
MISSED APCH: Climb on 101° to 2630' (1321') or above. Not before D4.9 SMK turn LEFT to VOR. Climb initially to 3940' (2631'), then as directed.						
MISSED APCH WITH COMM FAILURE: Climb to FL 69 to VOR and hold. Missed approach turn limited to MAX 225 KT.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 69		Trans alt: 5000' (3691')
ILS DME reads zero at rwy 10 threshold.						



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	2630' (1321') or above on 101°
GS	3.00°	377	484	538	646	753		

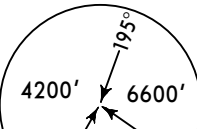
STRAIGHT-IN LANDING RWY 10					
ILS			LOC		
DA(H) AB: 1509'(200') CD: 1539'(230')			(GS out)		
FULL		ALS out			
A	800m	1200m	NOT AUTHORIZED		
B					
C	900m				
D					

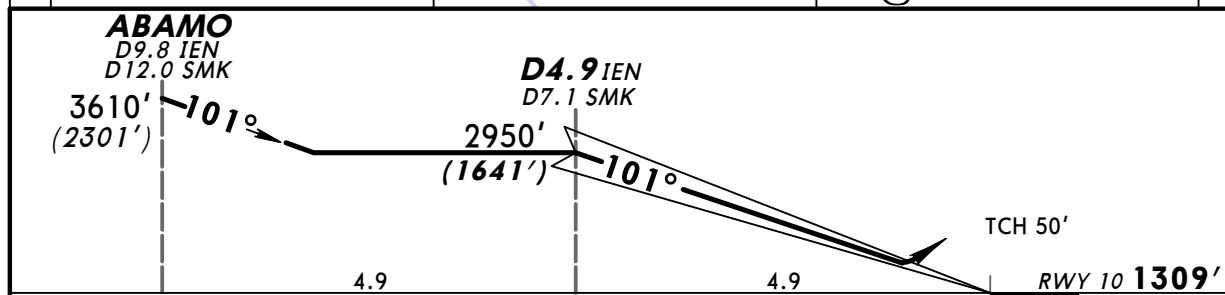
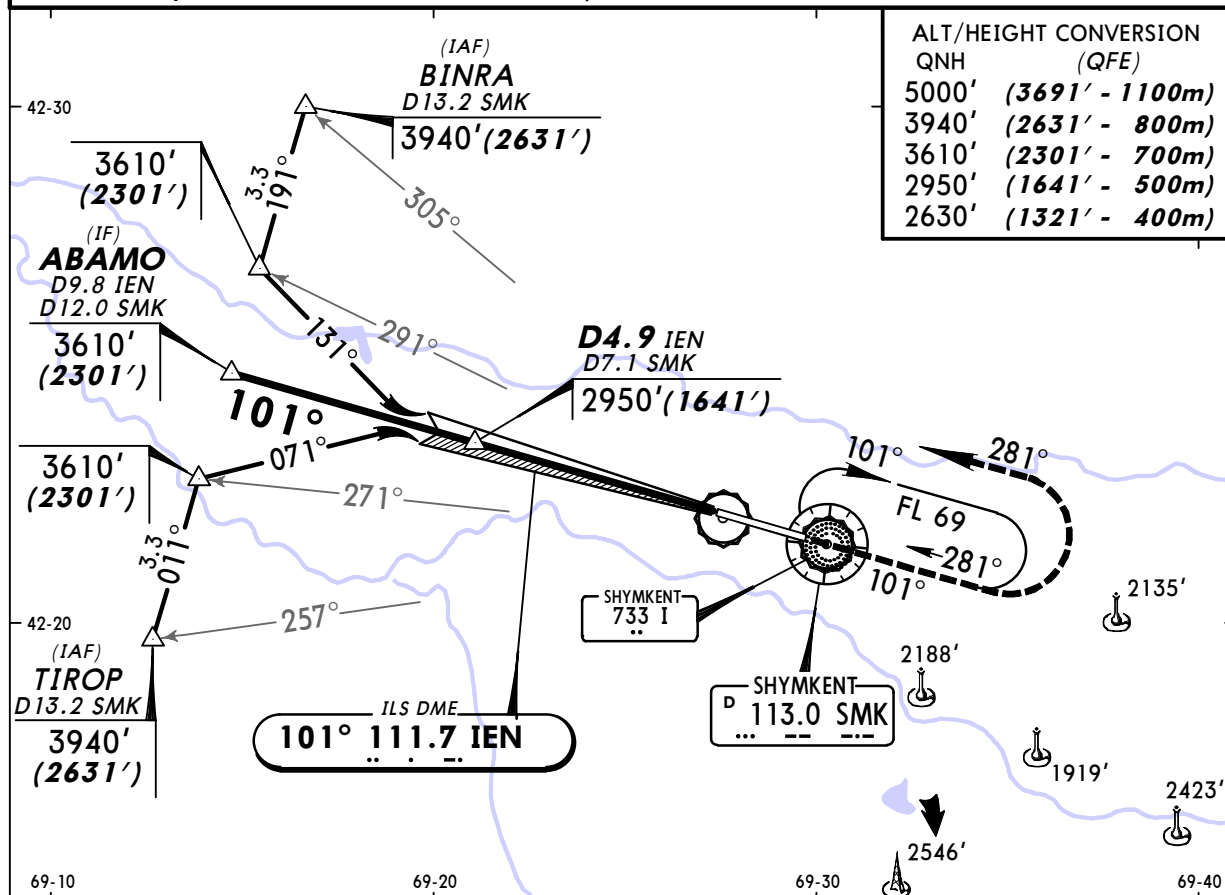
UAII/CIT
SHYMKENT

JEPPesen
11 FEB 11 **(11-2)**

SHYMKENT, KAZAKHSTAN
ILS DME Y Rwy 10

BRIEFING STRIP

ATIS			*SHYMKENT Tower		
119.2 (Russian 126.6)		125.9			
LOC IEN 111.7	Final Apch Crs 101°	GS D4.9 IEN 2950' (1641')	ILS DA(H) Refer to Minimums	Apt Elev 1385' RWY 1309'	
MISSED APCH: Climb on 101° to 2630' (1321'), then turn LEFT (MAX 225 KT) on 281° climbing to 3940' (2631'), then as directed.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 69 Trans alt: 5000' (3691')					
1. RADAR required. 2. ILS DME reads zero at rwy 10 threshold.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI 2630' (1321') on 101°
GS	3.00°	377	484	538	646	753	

STRAIGHT-IN LANDING RWY 10						
ILS			LOC (GS out)			
DA(H) AB: 1509'(200') CD: 1539'(230')						
FULL		ALS out				
A	800m		1200m			
B						
C	900m				NOT AUTHORIZED	
D						

PANS OPS

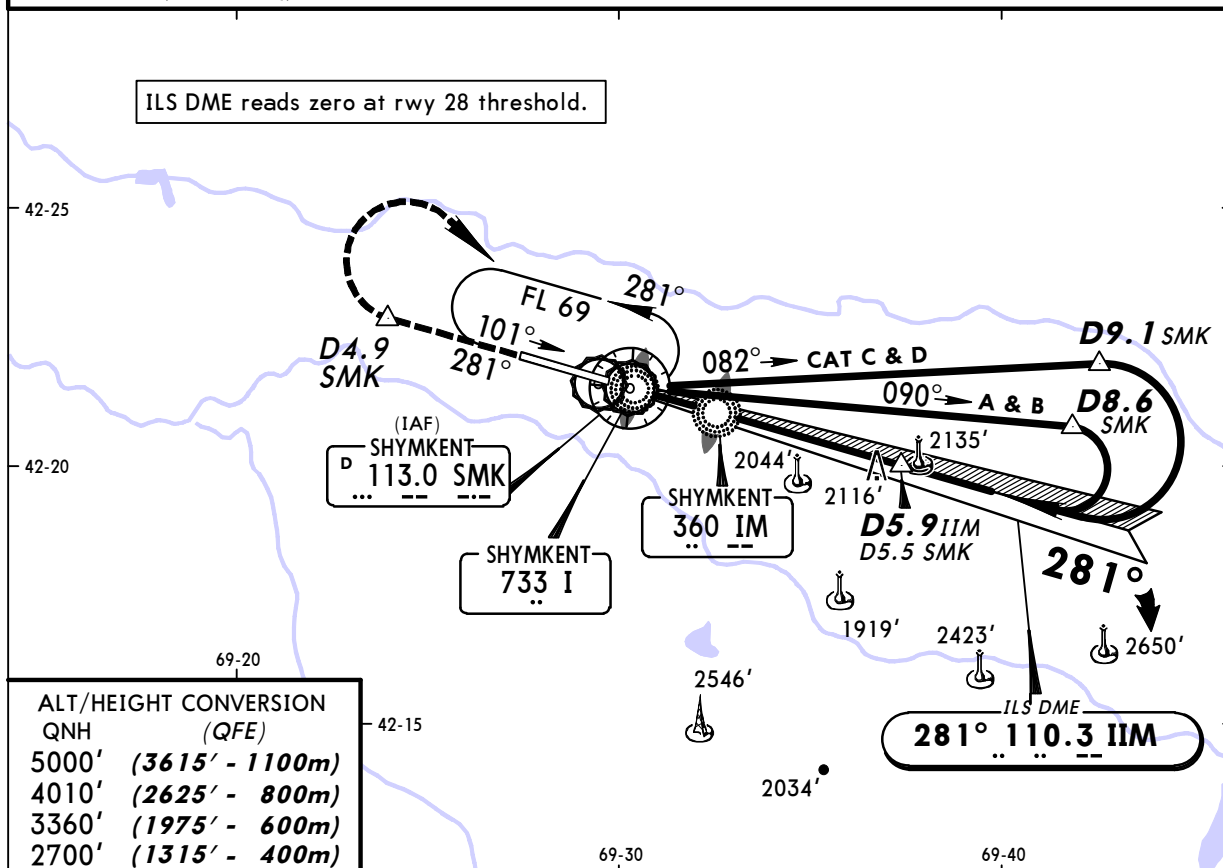
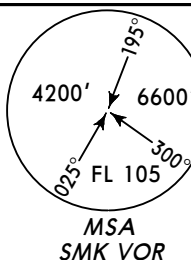
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11 FEB 11 **(11-3)**

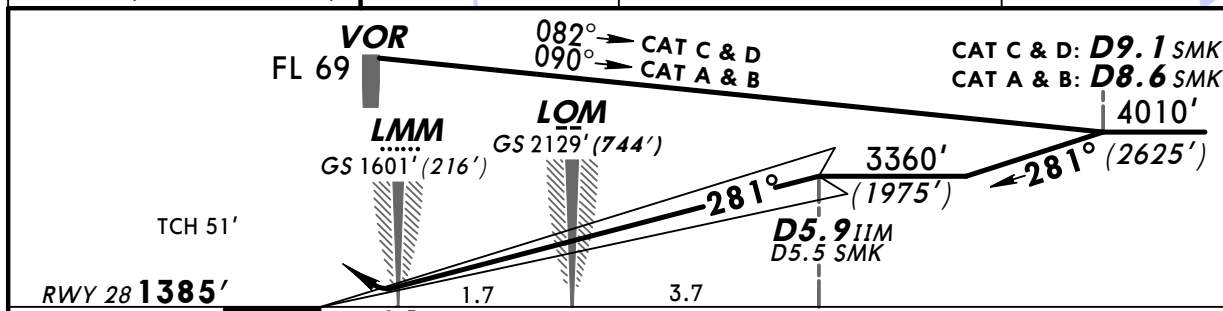
SHYMKENT, KAZAKHSTAN
ILS DME Z Rwy 28

BRIEFING STRIP

119.2 ATIS (Russian 126.6)		*SHYMKENT Tower 125.9		
LOC IIM 110.3	Final Apch Crs 281°	GS LOM 2129' (744')	ILS DA(H) Refer to Minimums	Apt Elev 1385' RWY 1385'
MISSED APCH: Climb on 281° to 2700' (1315') or above. Not before D4.9 SMK turn RIGHT to VOR. Climb initially to 4010' (2625'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 69 to VOR and hold. Missed approach turn limited to MAX 225 KT.				
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 69
				Trans alt: 5000' (3615')



ALT/HEIGHT CONVERSION	QNH	(QFE)
5000'	(3615' - 1100m)	
4010'	(2625' - 800m)	
3360'	(1975' - 600m)	
2700'	(1315' - 400m)	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	
GS	3.00°	377	484	538	646	753	PAPI	2700' (1315') or above on 281°

STRAIGHT-IN LANDING RWY 28						
ILS			LOC			
DA(H) AB: 1585'(200') CD: 1615'(230')			(GS out)			
FULL			ALS out			
A	800m		1200m		NOT AUTHORIZED	
B						
C	900m					
D						

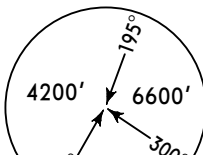
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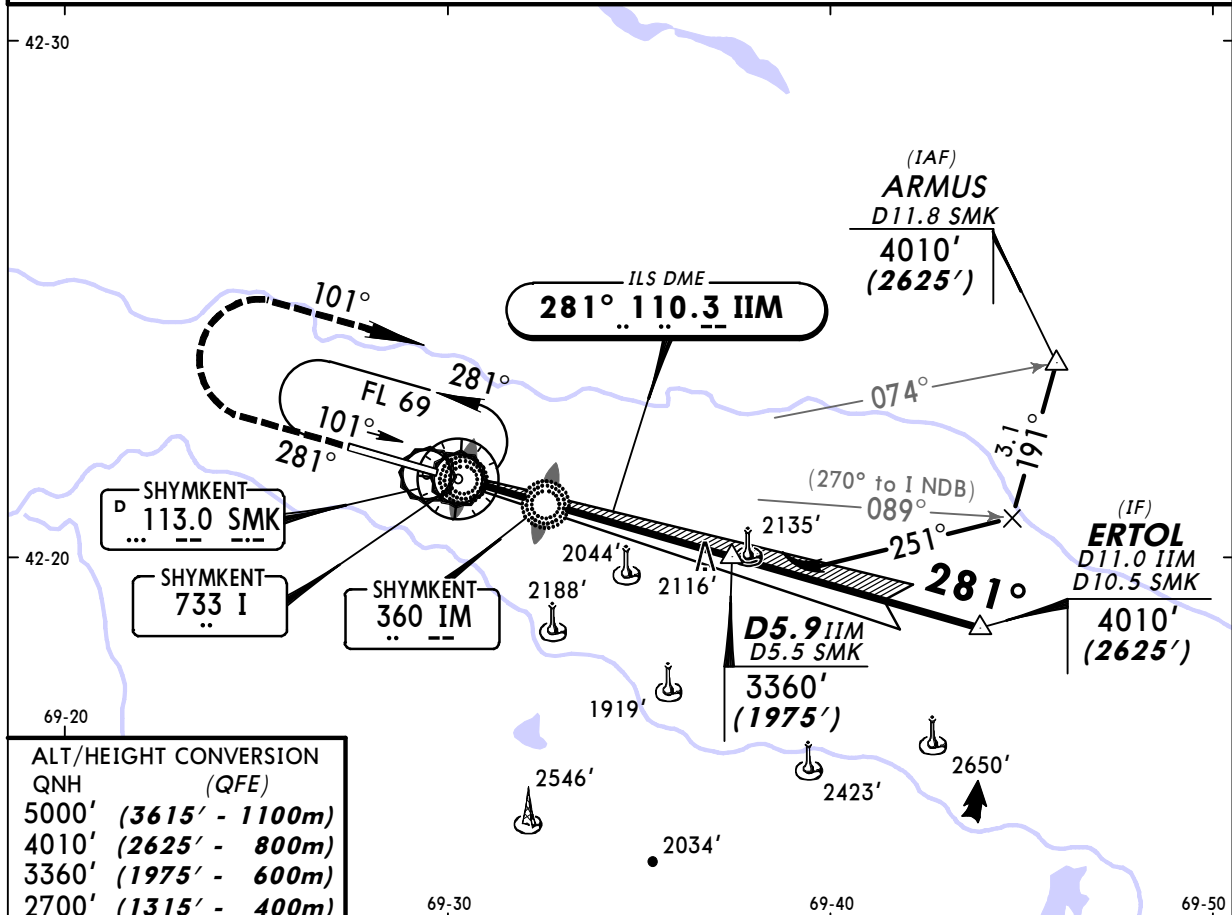
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12 NOV 10 **(11-4)** **Eff 18 Nov**

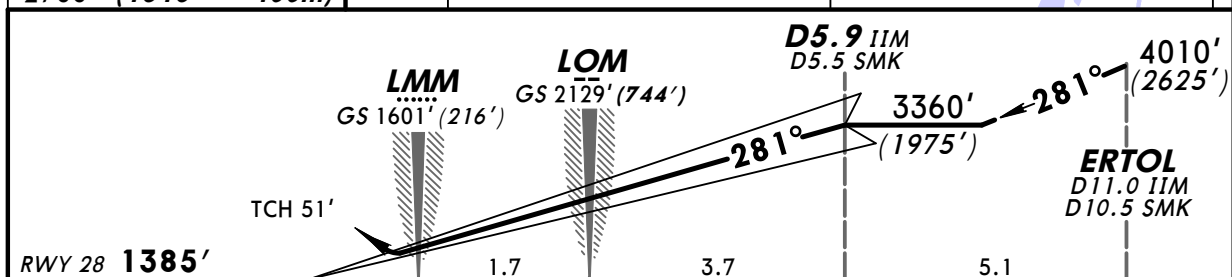
SHYMKENT, KAZAKHSTAN
ILS DME Y Rwy 28

BRIEFING STRIP

ATIS			*SHYMKENT Tower			
119.2 (Russian 126.6)			125.9			
LOC IIM 110.3	Final Apch Crs 281°	GS LOM 2129' (744')	ILS DA(H) Refer to Minimums	Apt Elev 1385' RWY 1385'		
MISSED APCH: Climb on 281° to 2700' (1315'), then turn RIGHT (MAX 225 KT) onto 101° climbing to 4010' (2625'), then as directed.						
Alt Set: MM (hPa on req)			QNH on req (QFE)		Trans level: FL 69	Trans alt: 5000' (3615')
1. RADAR required. 2. ILS DME reads zero at rwy 28 threshold.						



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5000' (3615' - 1100m)	
4010' (2625' - 800m)	
3360' (1975' - 600m)	
2700' (1315' - 400m)	



Gnd speed-Kts	70	90	100	120	140	160	HIAS PAPI	2700' (1315') on 281°
GS	3.00°	377	484	538	646	753		

STRAIGHT-IN LANDING RWY 28				LOC (GS out)	
ILS		LOC (GS out)			
DA(H) AB: 1585' (200') CD: 1615' (230')					
FULL		ALS out			
A	800m	1200m		NOT AUTHORIZED	
B					
C	900m				
D					

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12 NOV 10

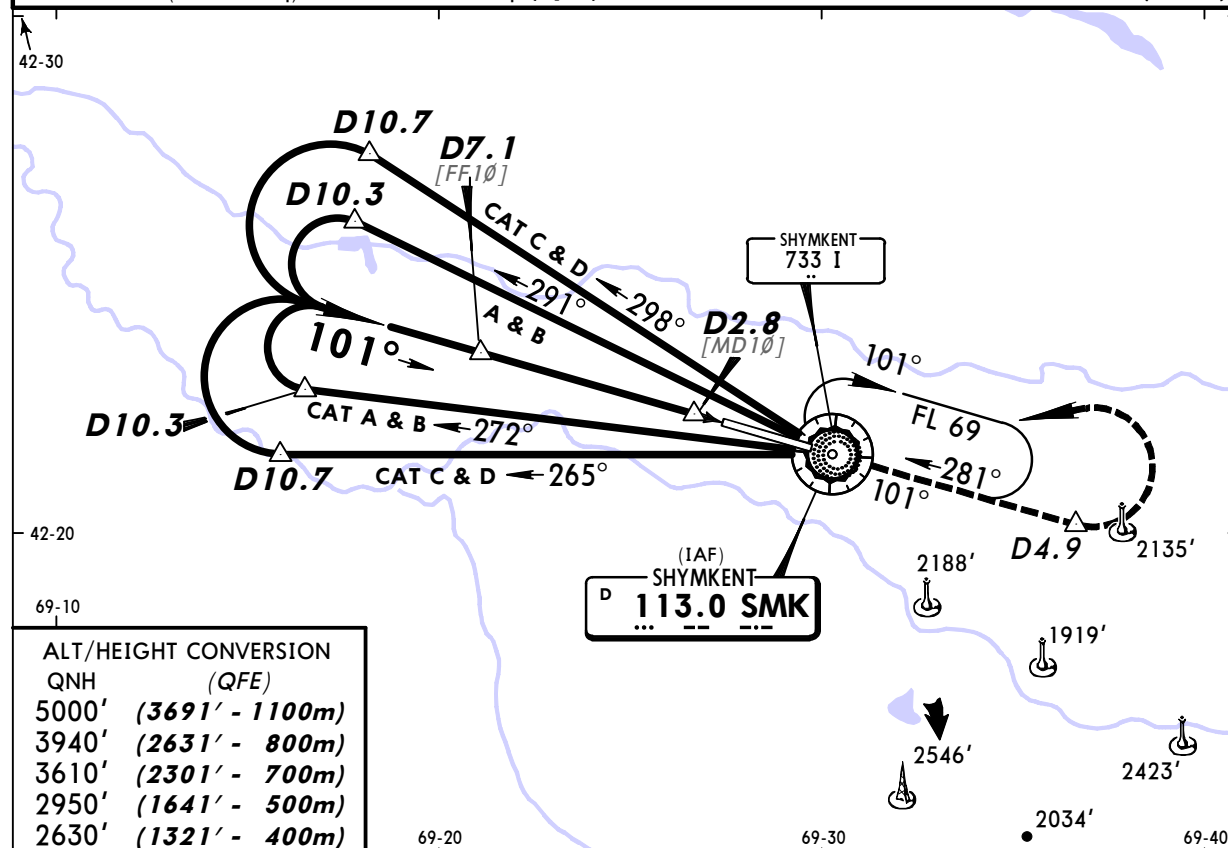
13-1

Eff 18 Nov

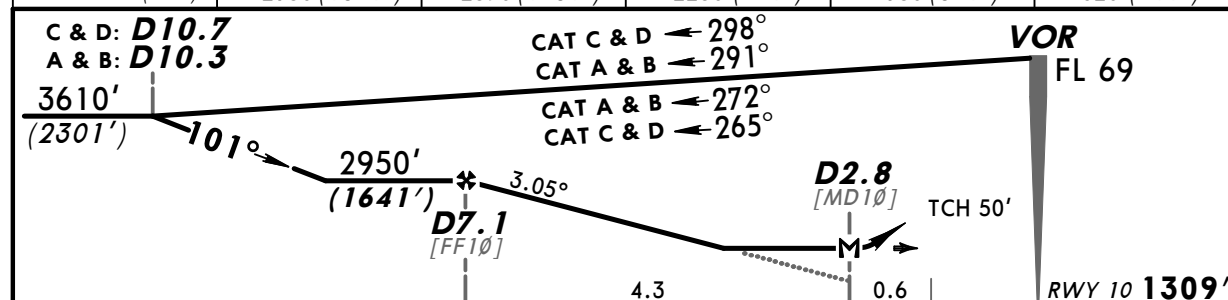
JEPPESSEN SHYMKENT, KAZAKHSTAN
13-1 Eff 18 Nov VOR DME Rwy 10

VOR DME Rwy 10

ATIS			*SHYMKENT Tower			
119.2 (Russian 126.6)		125.9				
VOR SMK 113.0	Final ApcH Crs 101°	Minimum Alt D7.1 2950' (1641')	MDA(H) Refer to Minimums	Apt Elev 1385' RWY 1309'		
MISSED APCH: Climb on 101° to 2630' (1321') or above. Not before D4.9 turn LEFT to VOR. Climb initially to 3940' (2631'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 69 to VOR and hold. Missed approach turn limited to MAX 225 KT.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 69 Trans alt: 5000' (3691')		



SMK DME	7.1	6.0	5.0	4.0	3.0
ALTITUDE (<i>HAT</i>)	2950'(1641')	2570'(1261')	2250'(941')	1930'(621')	1620'(311')



Gnd speed-Kts	70	90	100	120	140	160	
Descent angle 3.05°	378	486	540	648	755	863	
MAP at D2.8							

STRAIGHT-IN LANDING RWY 10

MDA(H) AB:1970'(661') CD:2300'(991')

ALS out

A	2500m		
B			
C	5000m		
D			

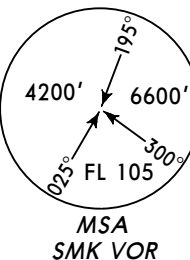
CHANGES: MSA. Procedure.

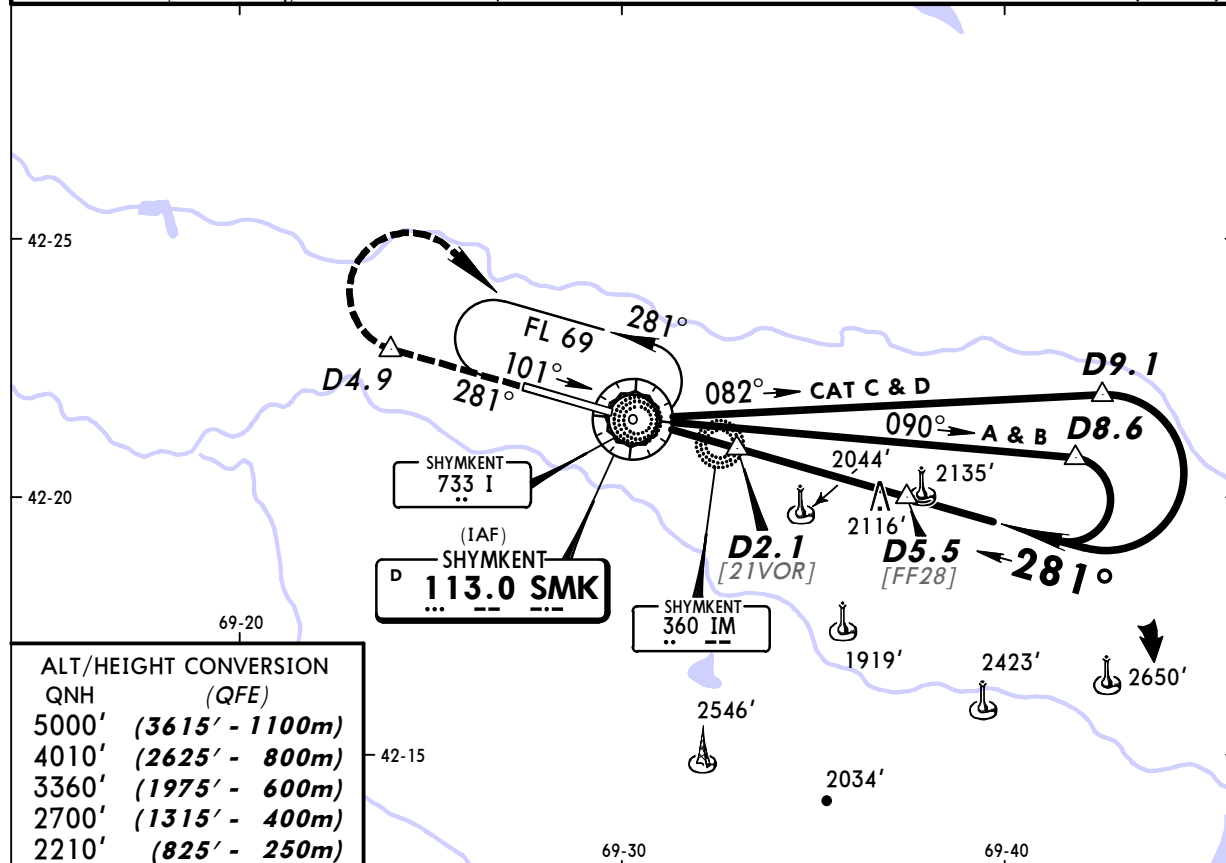
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12 NOV 10 **(13-2)** **Eff 18 Nov** **VOR DME Rwy 28**

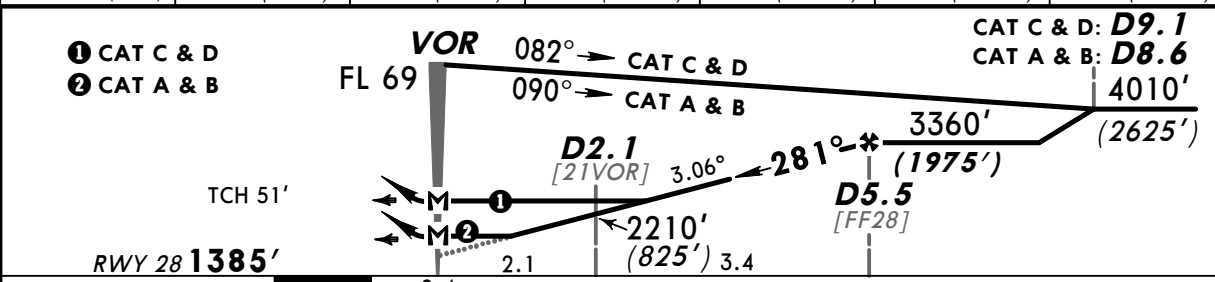
BRIEFING STRIP

119.2 ATIS (Russian 126.6)		*SHYMKENT Tower 125.9			
VOR SMK 113.0	Final Apch Crs 281°	Minimum Alt D5.5 3360' (1975')	MDA(H) Refer to Minimums	Apt Elev 1385' RWY 1385'	
MISSED APCH: Climb on 281° to 2700' (1315') or above. Not before D4.9 turn RIGHT to VOR. Climb initially to 4010' (2625'), then as directed.					
MISSED APCH WITH COMM FAILURE: Climb to FL 69 to VOR and hold. Missed approach turn limited to MAX 225 KT.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 69	



ALT/HEIGHT CONVERSION	QNH	(QFE)
5000'	(3615' - 1100m)	
4010'	(2625' - 800m)	
3360'	(1975' - 600m)	
2700'	(1315' - 400m)	
2210'	(825' - 250m)	

SMK DME	1.0	2.0	3.0	4.0	5.0	5.5
ALTITUDE (HAT)	1900' (515')	2210' (825')	2540' (1155')	2850' (1465')	3170' (1785')	3360' (1975')



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI 2700' (1315') or above on 281°
Descent angle	3.06°	379	487	541	650	758	
MAP at VOR							

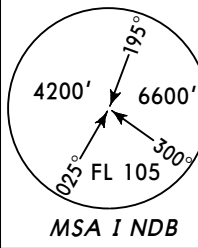
STRAIGHT-IN LANDING RWY 28		ALS out	
MDA(H) AB: 2050' (665') I			
CD: 2370' (985')			
A	2500m		
B			
C	5000m		
D			

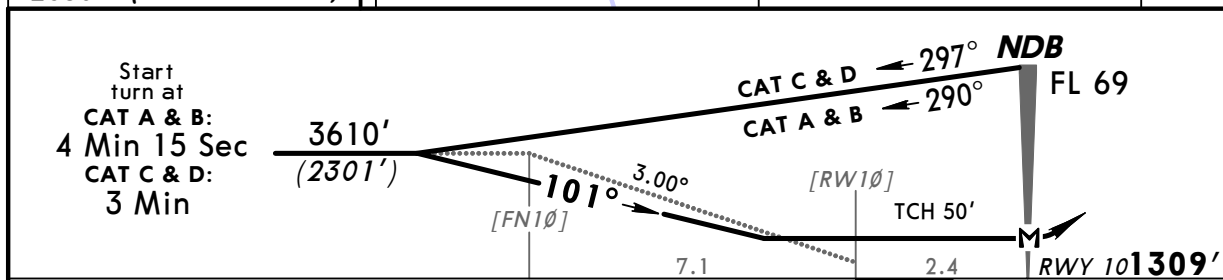
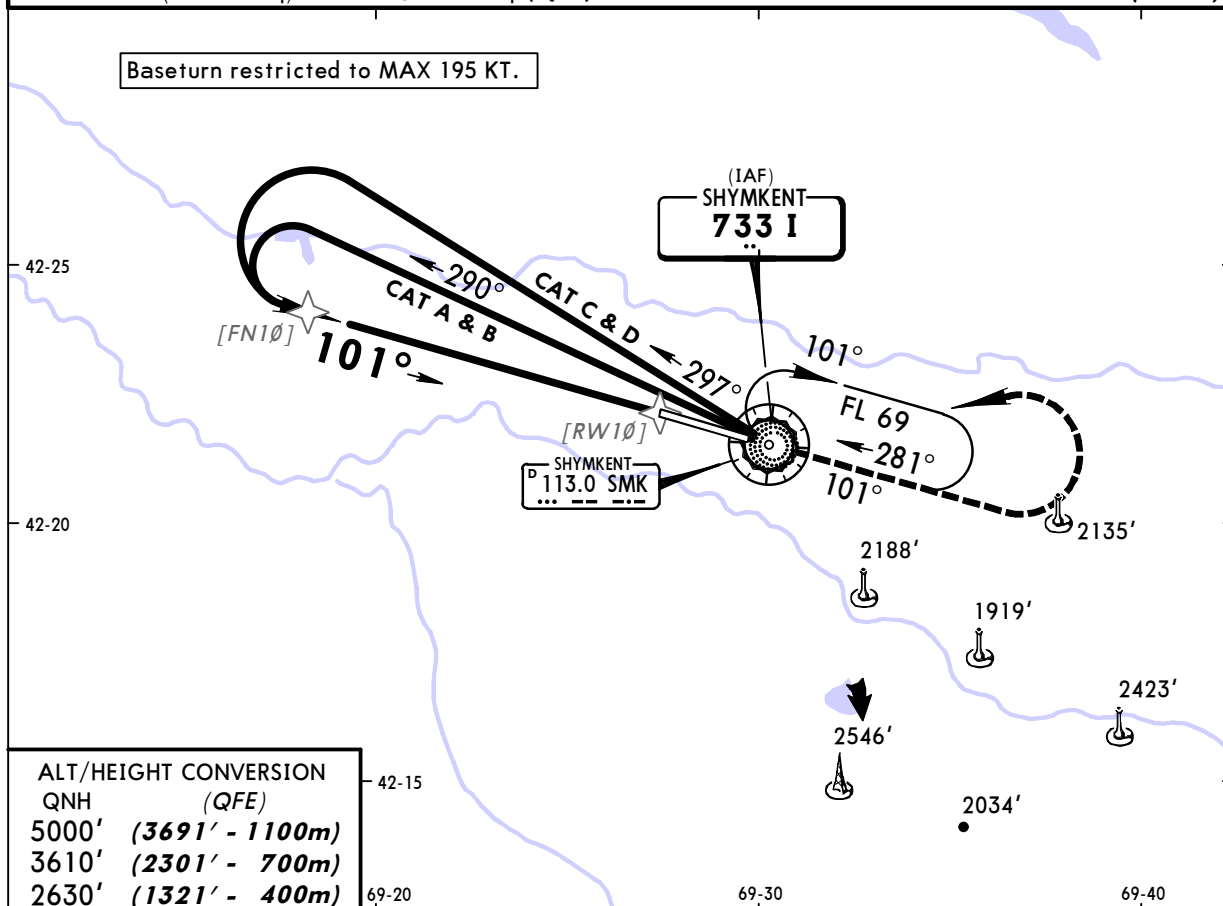
I W/o D2.1: MDA(H) 2210' (825').

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12 NOV 10 **(16-1)** **Eff 18 Nov** **NDB Rwy 10**

BRIEFING STRIP

119.2 (Russian 126.6)		*SHYMKENT Tower 125.9			
NDB I 733	Final Apch Crs 101°	Minimum Alt No FAF	MDA(H) Refer to Minimums	Apt Elev 1385' RWY 1309'	
MISSED APCH: Climb on 101° to 2630' (1321') or above. After passing NDB maintain 101° for 1½ Min, then turn LEFT to NDB. Climb initially to 3610' (2301'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 69 to NDB and hold. Missed approach turn limited to MAX 225 KT.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 69	Trans alt: 5000' (3691')



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	849	
MAP at NDB							

STRAIGHT-IN LANDING RWY 10		ALS out	
MDA(H) AB: 1970' (661') CD: 2300' (991')			
A	2500m		
B			
C	5000m		
D			

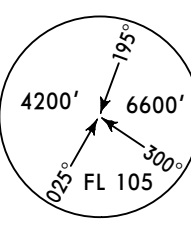
PANS OPS

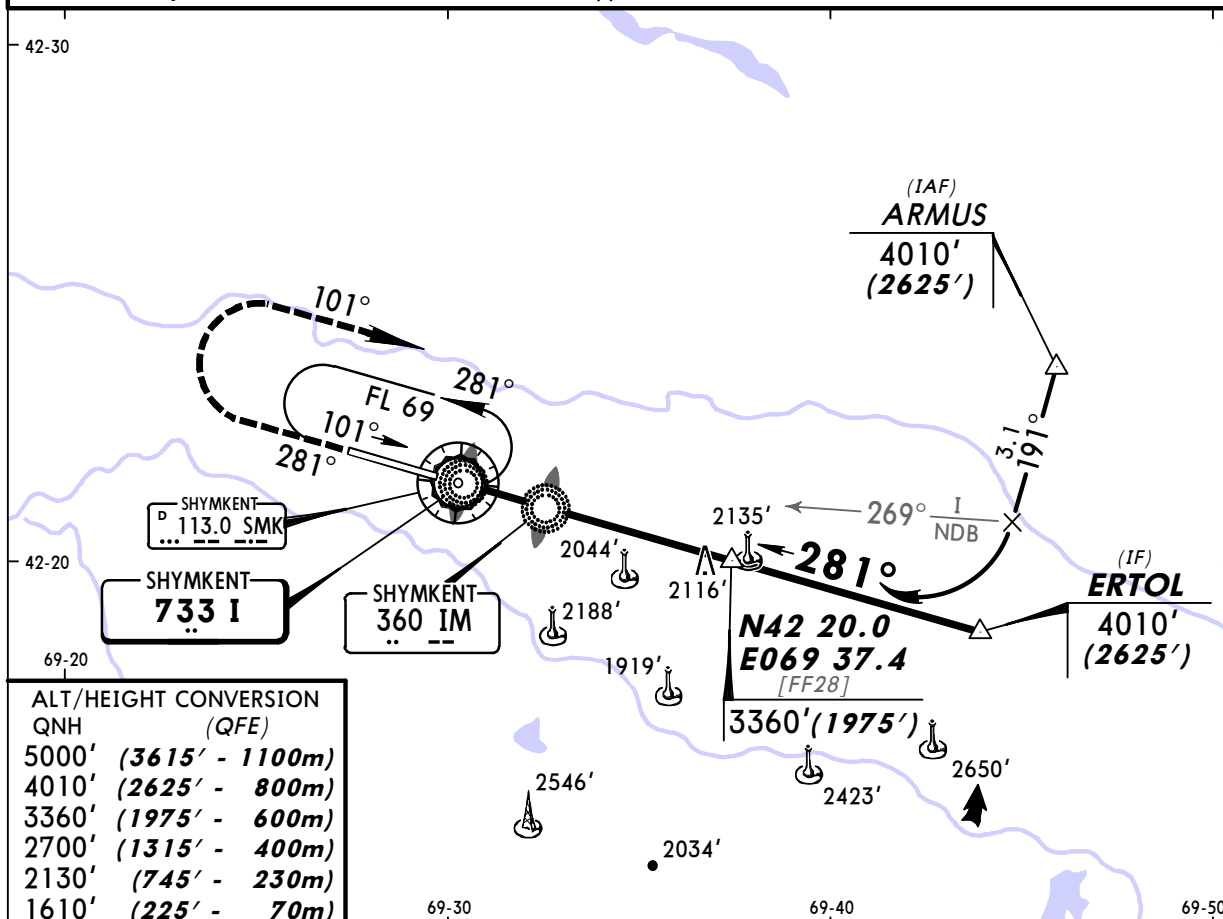
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12 NOV 10 **(16-2)** **Eff 18 Nov**

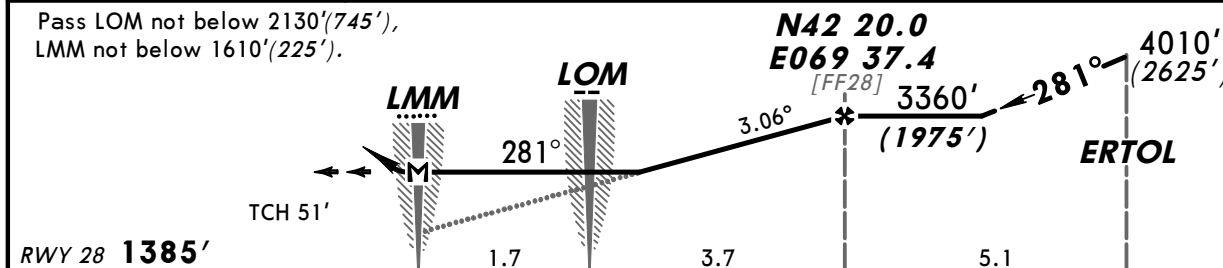
SHYMKENT, KAZAKHSTAN
2 NDB Rwy 28

BRIEFING STRIP

ATIS 119.2 (Russian 126.6)			*SHYMKENT Tower 125.9		
NDB 1 733	Final Apch Crs 281°	Minimum Alt N42 20.0 E069 37.4 3360' (1975')	MDA(H) Refer to Minimums	Apt Elev 1385' RWY 1385'	
MISSED APCH: Climb on 281° to 2700' (1315'), then turn RIGHT (MAX 215 KT) onto 101° climbing to 4010' (2625'), then as directed.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 69 Trans alt: 5000' (3615') 1. RADAR required. 2. Initial and intermediate approach as directed.					



Pass LOM not below 2130' (745'),
LMM not below 1610' (225').



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	2700' (1315') on 281°
Descent angle	3.06°	379	487	541	650	758		
MAP at LMM								

STRAIGHT-IN LANDING RWY 28 MDA(H) AB: 2370' (985') CD: 2700' (1315')		ALS out	
A	3000m		
B			
C	4000m		
D			

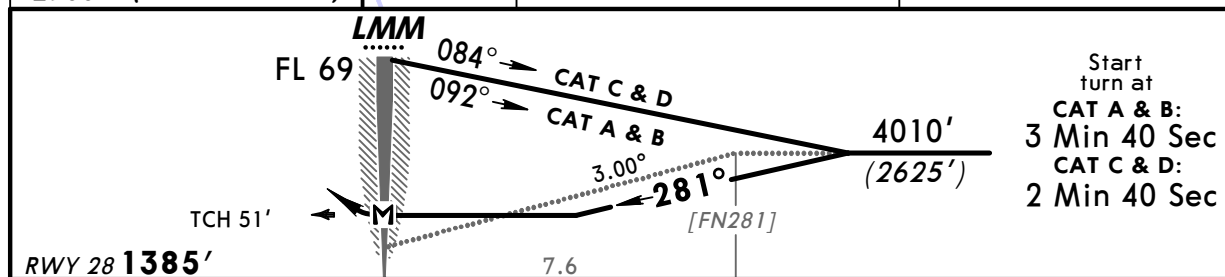
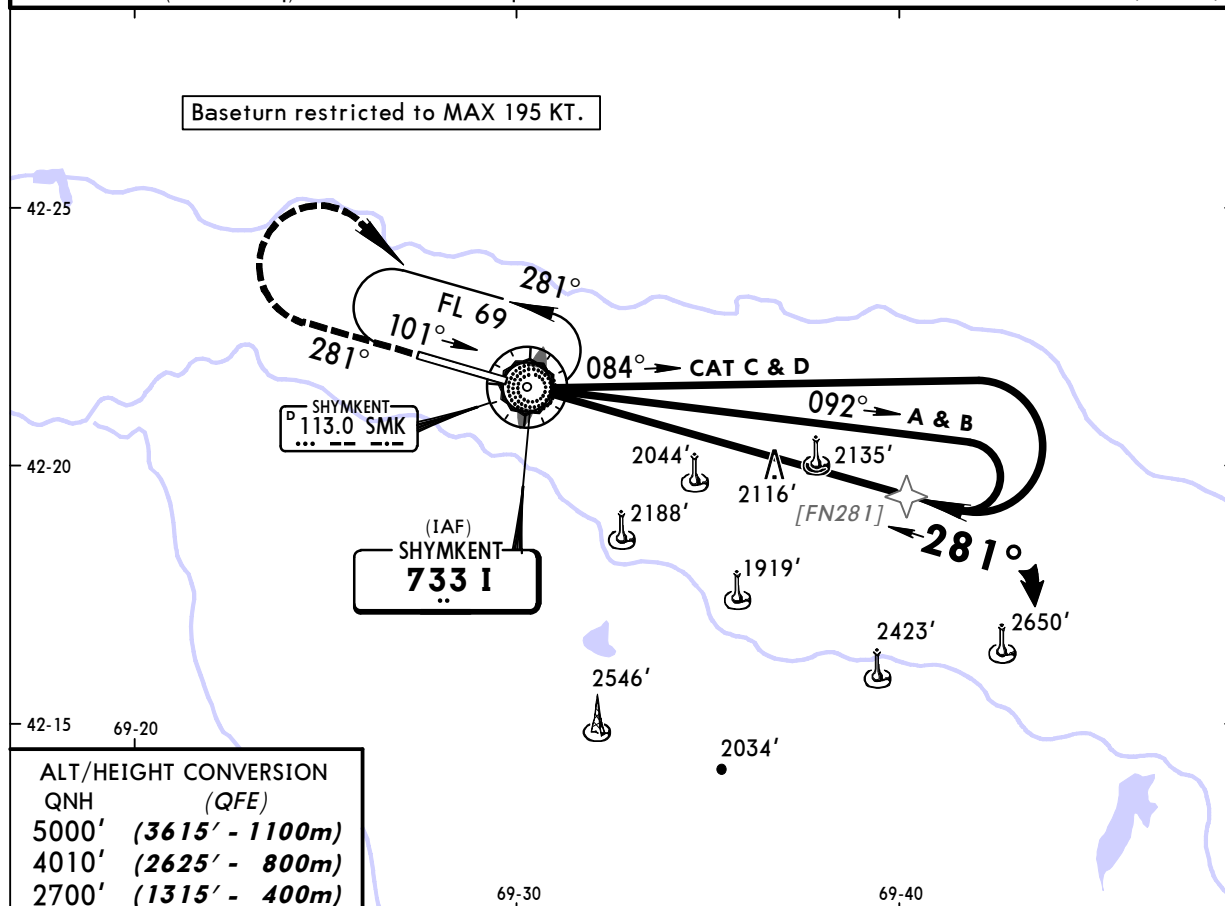
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SHYMKENT

JEPPesen **SHYMKENT, KAZAKHSTAN**
12 NOV 10 **(16-3)** **Eff 18 Nov** **NDB Rwy 28**

BRIEFING STRIP

ATIS			*SHYMKENT Tower		
119.2 (Russian 126.6)			125.9		
NDB I 733	Final Apch Crs 281°	Minimum Alt No FAF	MDA(H) 2590'(1205')	Apt Elev 1385' RWY1385'	 MSA 1 NDB
MISSED APCH: Climb on 281° to 2700'(1315') or above. After passing LMM maintain 281° for 1½ Min, then turn RIGHT to LMM. Climb initially to 4010'(2625'), then as directed.					
MISSED APCH WITH COMM FAILURE: Climb to FL 69 to LMM and hold. Missed approach turn limited to MAX 225 KT.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 69 Trans alt: 5000' (3615')					



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	849		
MAP at LMM								

STRAIGHT-IN LANDING RWY 28		MDA(H) 2590'(1205')		ALS out	
A	3000m				
B					
C	5000m				
D					

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