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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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Taraz, (Aulie-Ata - UADD)

REV	AIRPORT, PARKING, AIRPORT I...	10-9	12 ïŸ 2010	18 ïŸ 2010
ADD	ILS Y RWY 13	11-1	12 ïŸ 2010	18 ïŸ 2010
ADD	ILS X RWY 13	11-2	12 ïŸ 2010	18 ïŸ 2010
ADD	2 NDB RWY 13	16-1	12 ïŸ 2010	18 ïŸ 2010
ADD	NDB RWY 13	16-2	12 ïŸ 2010	18 ïŸ 2010
ADD	2 NDB RWY 31	16-3	12 ïŸ 2010	18 ïŸ 2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UADD

General Info

Taraz, KAZ

N 42° 51.2' E 71° 18.2' Mag Var: 5.3°E

Elevation: 2184'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet A-1

Repairs: Minor Airframe

Time Zone Info: GMT+6:00 no DST

Runway Info

Runway 13-31 9514' x 148' asphalt

Runway 13 (132.0°M) TDZE 2149'

Lights: Edge, ALS

Runway 31 (312.0°M) TDZE 2182'

Lights: Edge, ALS

Displaced Threshold Distance 722'

Communications InfoTaraz Tower **122.1**Taraz Tower **120.8** SecondaryTaraz Approach Control **122.1**Taraz Approach Control **120.8** Secondary**Notebook Info**

**UADD/DMB
AULIE-ATA**

14 AUG 09

10-2

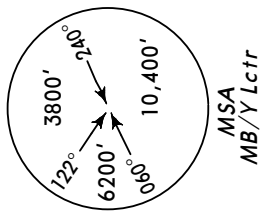
Eff 27 Aug

TARAZ, KAZAKHSTAN

STAR

Apt Elev
2185'

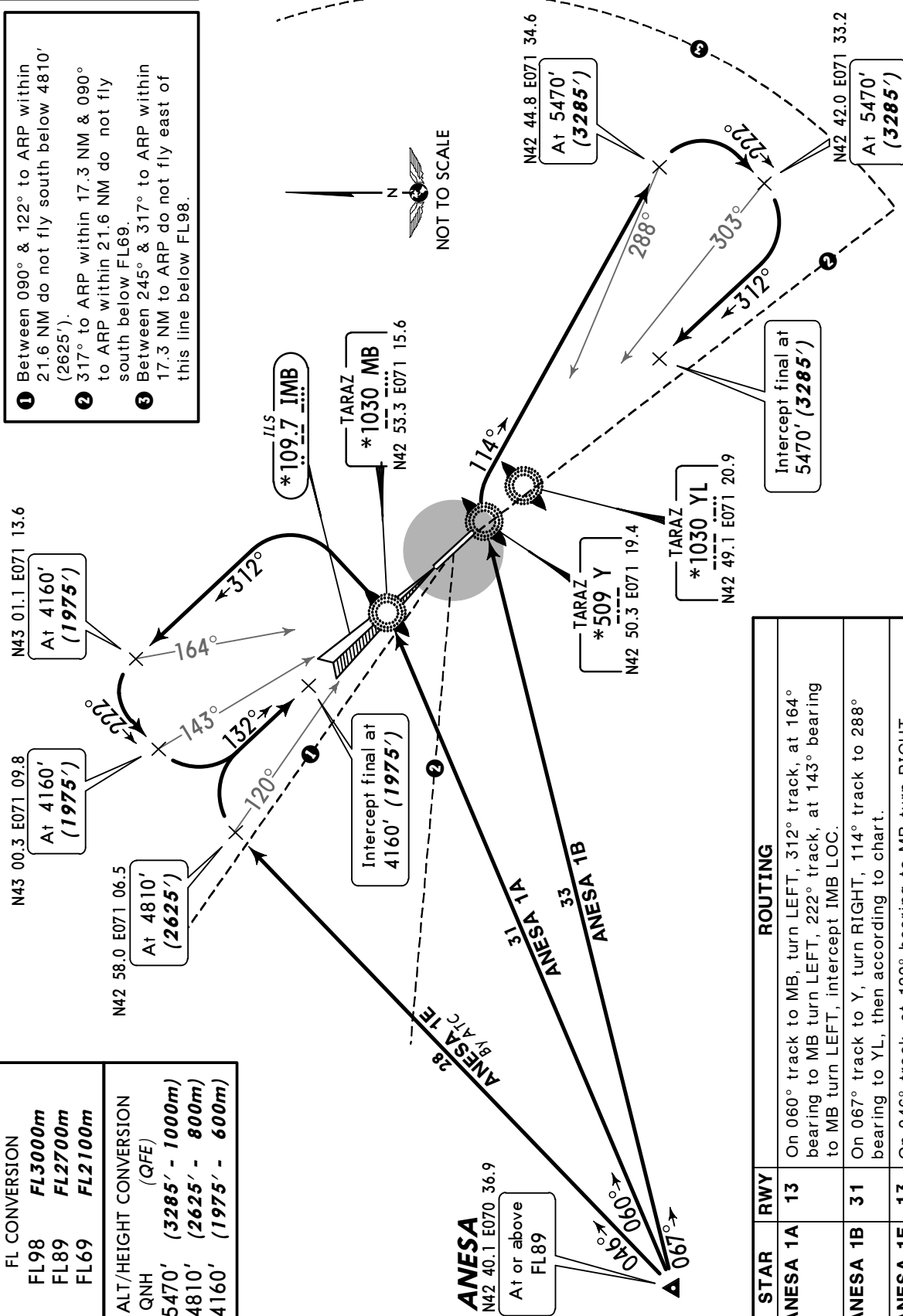
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69 Trans alt: 5470' (3285')



MB/Y Lctr

**ANESA 1A [ANES1A], ANESA 1B [ANES1B]
ANESA 1E [ANES1E]
RWYS 13, 31 ARRIVALS
FOR STARS WITHOUT RADAR CONTROL REFER TO CHART 10-2F**

- ➊ Between 090° & 122° to ARP within 21.6 NM do not fly south below 4810' (2625').
- ➋ 317° to ARP within 17.3 NM & 090° to ARP within 21.6 NM do not fly south below FL69.
- ➌ Between 245° & 317° to ARP within 17.3 NM to ARP do not fly east of this line below FL98.



FL CONVERSION

FL98	FL3000
FL89	FL2700
FL69	FL2100

ALT/HEIGHT CONVERSION
(QFE)

STAR	RWY	ROUTING
ANESA 1A	13	On 060° track to MB, turn LEFT, 312° track, at 164° bearing to MB turn LEFT, 222° track, at 143° bearing to MB turn LEFT, intercept IMB LOC.
ANESA 1B	31	On 067° track to Y, turn RIGHT, 114° track to 288° bearing to YL, then according to chart.
ANESA 1E By ATC	13	On 046° track, at 120° bearing to MB turn RIGHT, intercept IMB LOC.

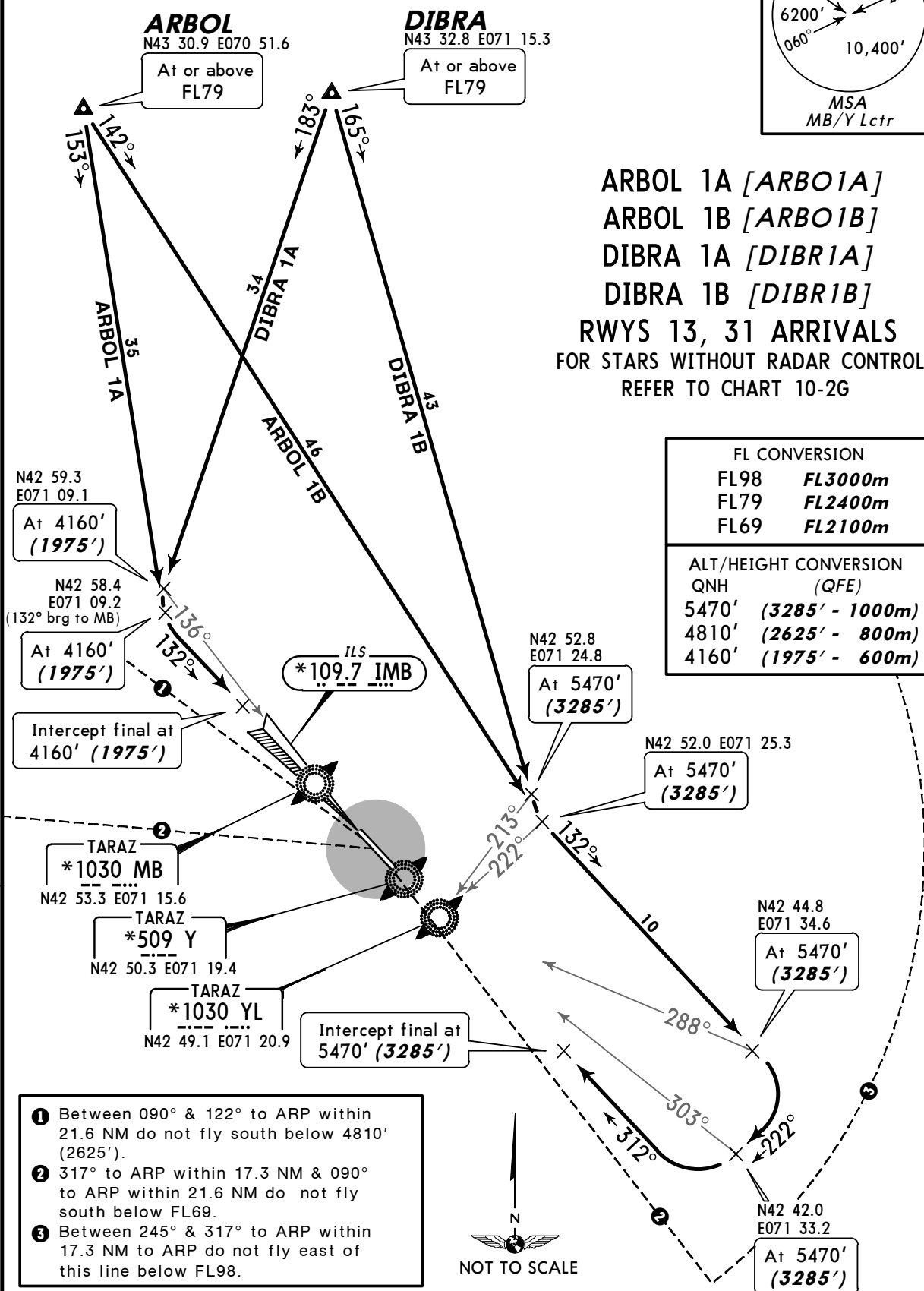
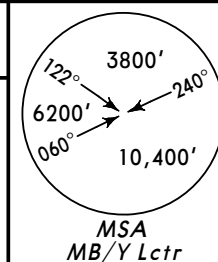
UADD/DMB
AULIE-ATA

JEPPESSEN
14 AUG 09 **(10-2A)** Eff 27 Aug

TARAZ, KAZAKHSTAN

STAR

Apt Elev **2185'** Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69 Trans alt: 5470' **(3285')**



STAR	RWY	ROUTING
ARBOL 1A	13	On 153° track, at 132° bearing to MB turn LEFT, intercept IMB LOC.
ARBOL 1B	31	On 142° track, at 222° bearing to YL turn LEFT, 132° track to 288° bearing to YL, then according to chart.
DIBRA 1A	13	On 183° track, at 136° bearing to MB turn LEFT, intercept IMB LOC.
DIBRA 1B	31	On 165° track, at 213° bearing to YL turn LEFT, 132° track to 288° bearing to YL, then according to chart.

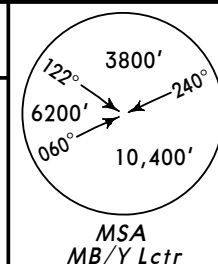
UADD/DMB
AULIE-ATA

JEPPESSEN
 14 AUG 09 **(10-2B)** Eff 27 Aug

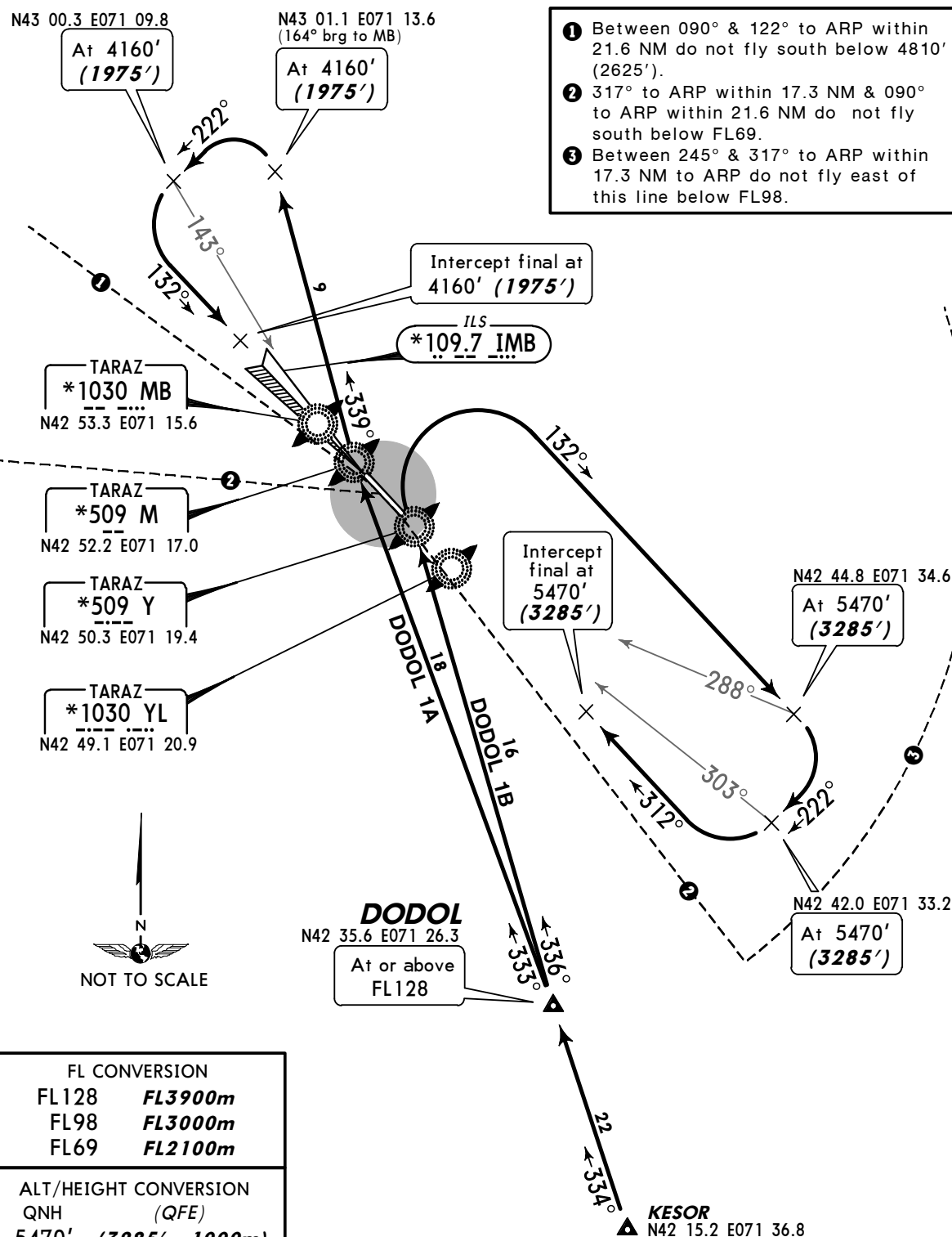
TARAZ, KAZAKHSTAN

STAR

Apt Elev **2185'** Alt Set: MM (hPa on request) QNH on request **(QFE)**
 Trans level: FL69 Trans alt: 5470' **(3285')**



DODOL 1A [DODO1A], DODOL 1B [DODO1B]
RWYS 13, 31 ARRIVALS
 FOR STARS WITHOUT RADAR CONTROL
 REFER TO CHART 10-2H



FL CONVERSION
 FL128 **FL3900m**
 FL98 **FL3000m**
 FL69 **FL2100m**

ALT/HEIGHT CONVERSION
 QNH **(QFE)**
 5470' **(3285' - 1000m)**
 4810' **(2625' - 800m)**
 4160' **(1975' - 600m)**

STAR	RWY	ROUTING
DODOL 1A	13	On 333° track to M, turn RIGHT, 339° track, at 164° bearing to MB turn LEFT, 222° track, at 143° bearing to MB turn LEFT, intercept IMB LOC.
DODOL 1B	31	On 336° track to Y, turn RIGHT, 132° track to 288° bearing to YL, then according to chart.

UADD/DMB
AULIE-ATA

JEPPESSEN
14 AUG 09 **(10-2D)** Eff 27 Aug

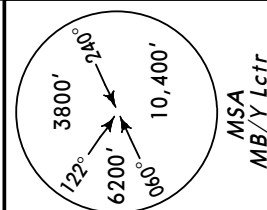
TARAZ, KAZAKHSTAN

STAR

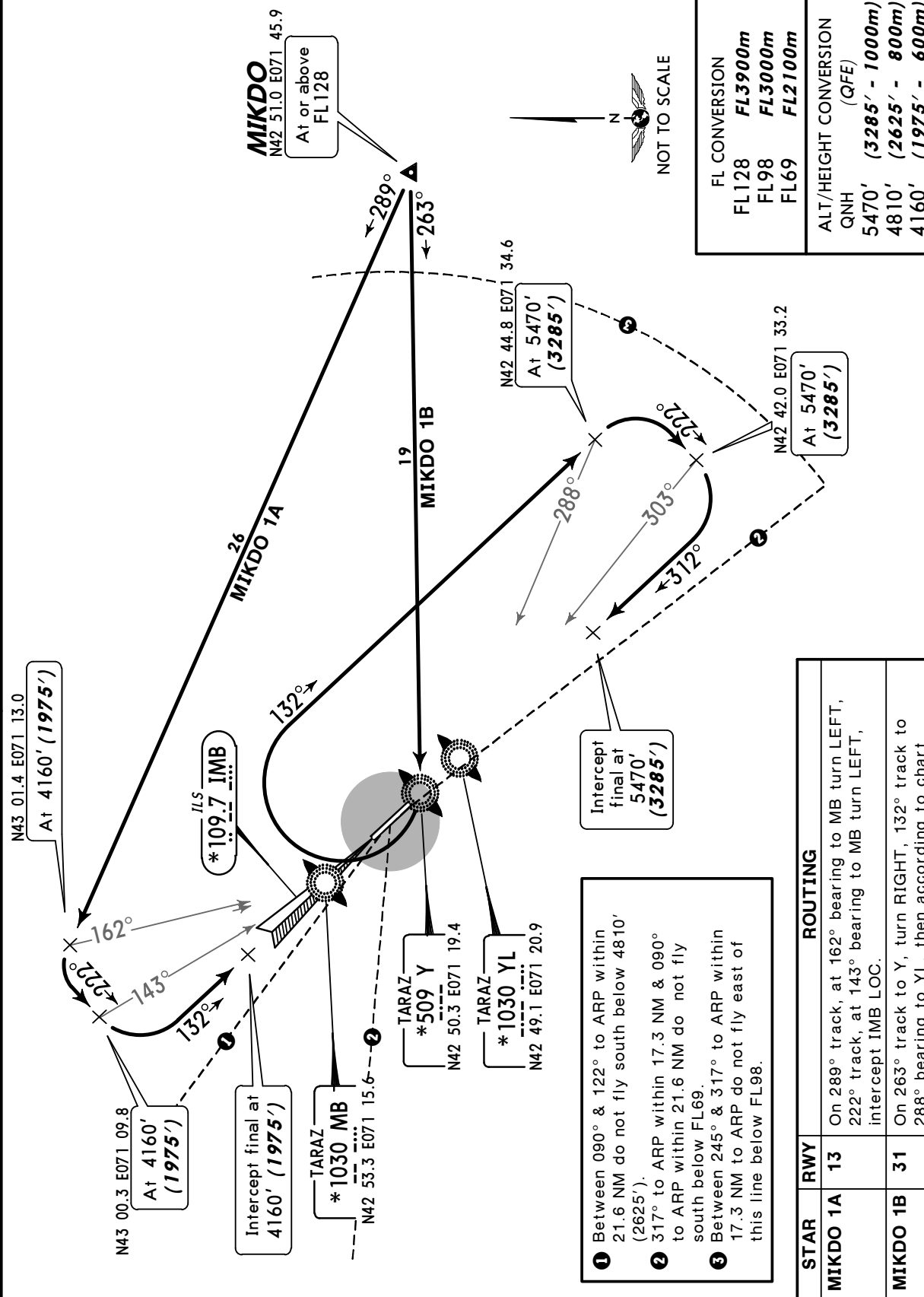
Apt Elev
2185'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69 Trans alt: 5470' **(3285')**

MIKDO 1A [MIKD1A], MIKDO 1B [MIKD1B]
RWYS 13, 31 ARRIVALS
FOR STARS WITHOUT RADAR CONTROL
REFER TO CHART 10-2K



FL CONVERSION	FL128	FL3900m
	FL98	FL3000m
	FL69	FL2100m
ALT/HEIGHT CONVERSION (QFE)	QNH	5470' (3285' - 1000m)
		4810' (2625' - 800m)
		4160' (1975' - 600m)



UADD/DMB
AULIE-ATA

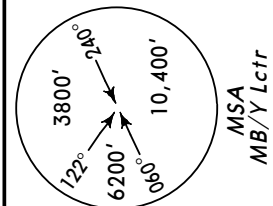
JEPPESSEN
14 AUG 09 **(10-2E)** Eff 27 Aug

TARAZ, KAZAKHSTAN

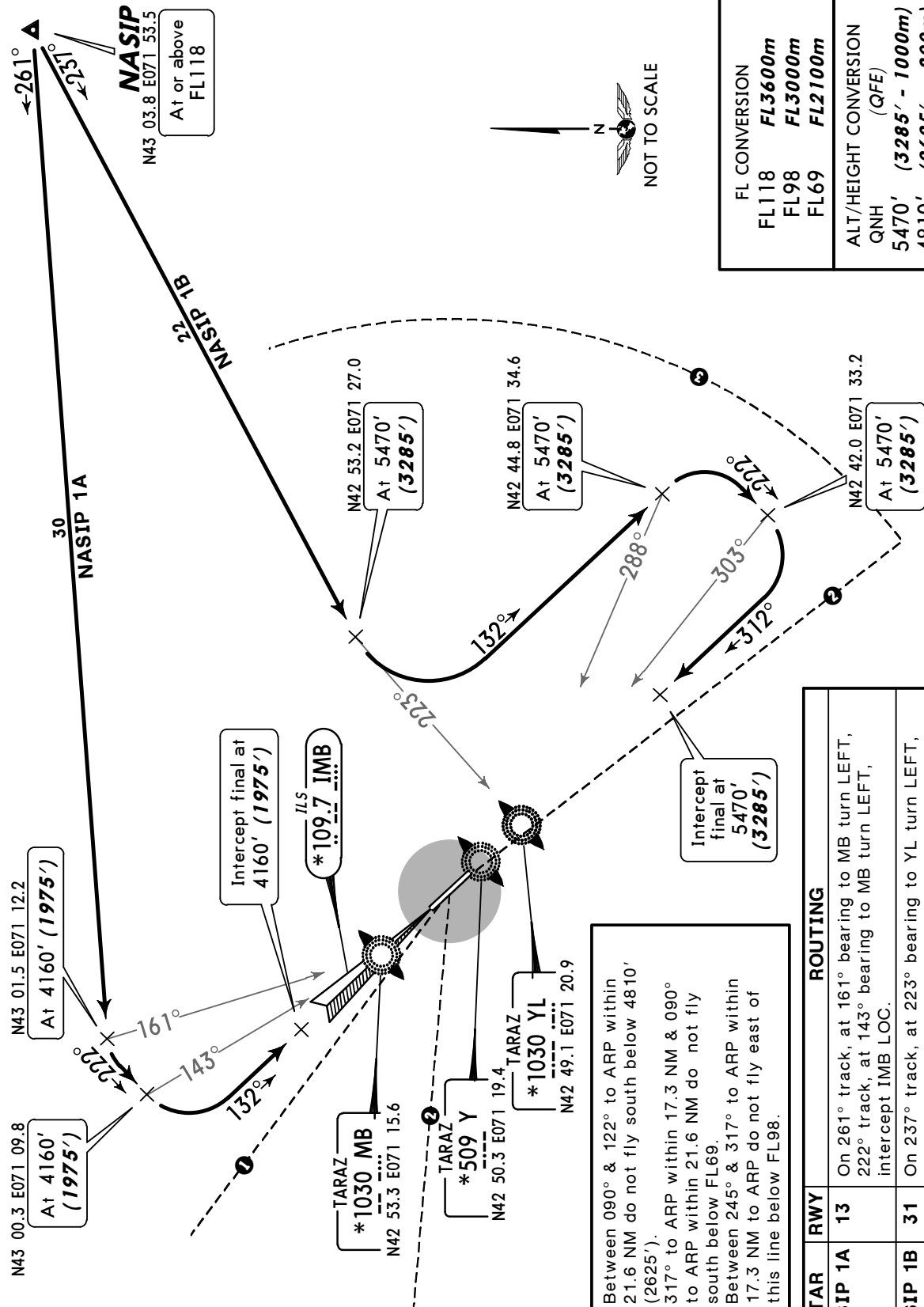
STAR

Apt Elev **2185'** Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69 Trans alt: 5470' (**3285'**)

NASIP 1A [NASI1A], NASIP 1B [NASI1B]
RWYS 13, 31 ARRIVALS
FOR STARS WITHOUT RADAR CONTROL
REFER TO CHART 10-2L



FL CONVERSION	FL118	FL3600m
	FL98	FL3000m
	FL69	FL2100m
ALT/HEIGHT CONVERSION (QFE)	QNH	
	5470'	(3285' - 1000m)
	4810'	(2625' - 800m)
	4160'	(1975' - 600m)



- Between 090° & 122° to ARP within 21.6 NM do not fly south below 4810' (2625').
- 317° to ARP within 17.3 NM & 090° to ARP within 21.6 NM do not fly south below FL69.
- Between 245° & 317° to ARP within 17.3 NM to ARP do not fly east of this line below FL98.

STAR	RWY	ROUTING
NASIP 1A	13	On 261° track, at 161° bearing to MB turn LEFT, 222° track, at 143° bearing to MB turn LEFT, intercept IMB LOC.
NASIP 1B	31	On 237° track, at 223° bearing to YL turn LEFT, 132° track to 288° bearing to YL, then according to chart.

**UADD/DMB
AULIE-ATA**

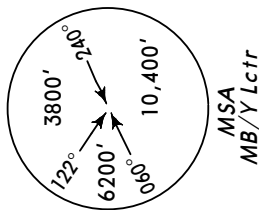
JEPPESEN
14 AUG 09 (10-2F) Ef

TARAZ, KAZAKHSTAN

STAR

Apt Elev
2185'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69 Trans alt: 5470' (3285')



ANESA 1F [*ANES1F*]

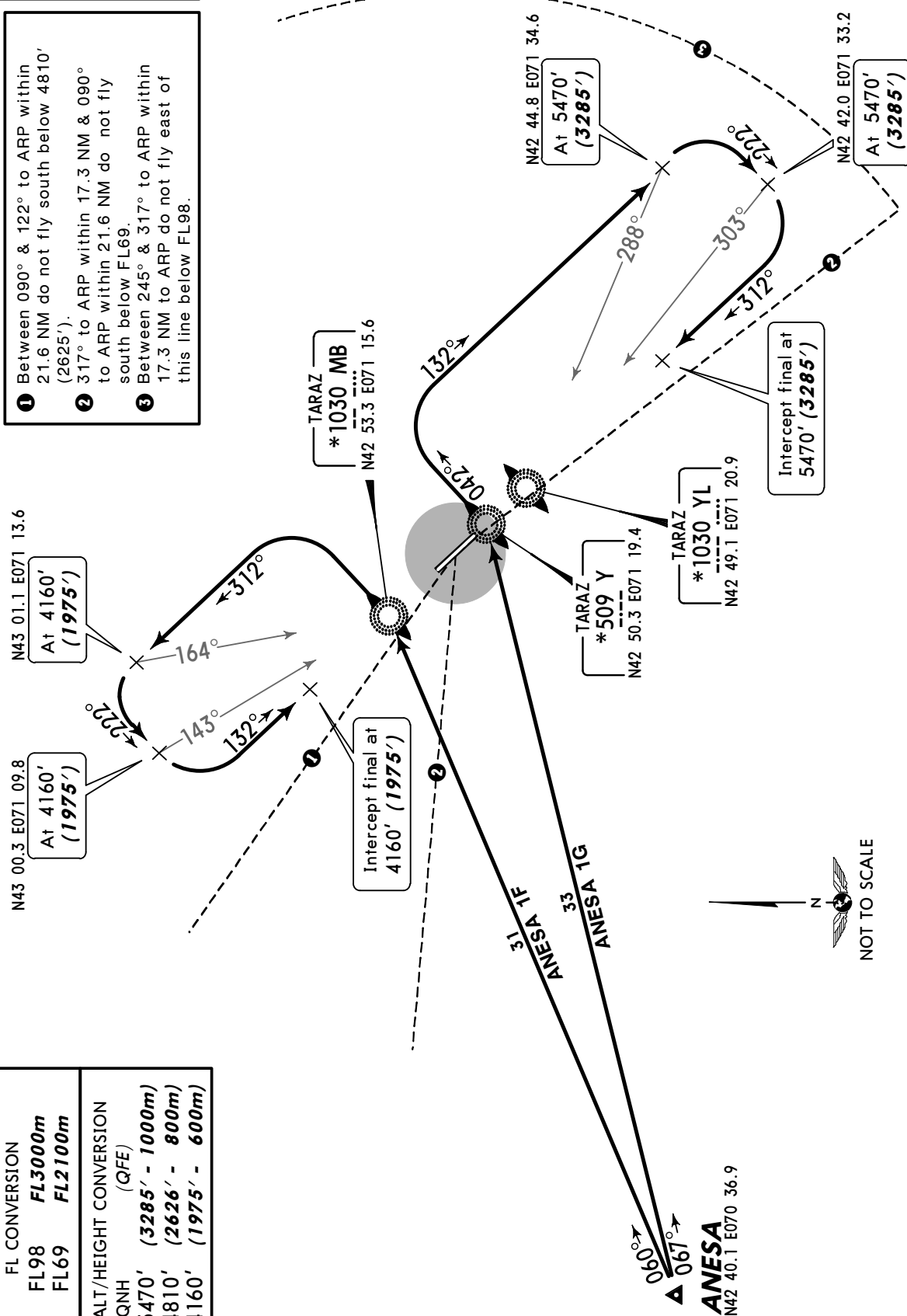
ANESA 1G [ANES1G]

RWY 13 ARRIVAL

RWY 31 ARRIVAL

WITHOUT RADAR CONTROL

- ➊ Between 090° & 122° to ARP within 21.6 NM do not fly south below 4810' (2625').
- ➋ 317° to ARP within 17.3 NM & 090° to ARP within 21.6 NM do not fly south below FL69.
- ➌ Between 245° & 317° to ARP within 17.3 NM to ARP do not fly east of this line below FL98.



FL CONVERSION	
FL98	FL3000m
FL69	FL2100m

ALT/HEIGHT CONVERSION (QFE)	
QNH	
5470'	(3285' - 1000m)
4810'	(2626' - 800m)
4160'	(1975' - 600m)

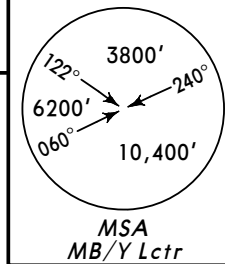
UADD/DMB
AULIE-ATA

JEPPESEN
14 AUG 09 **(10-2G)** Eff 27 Aug

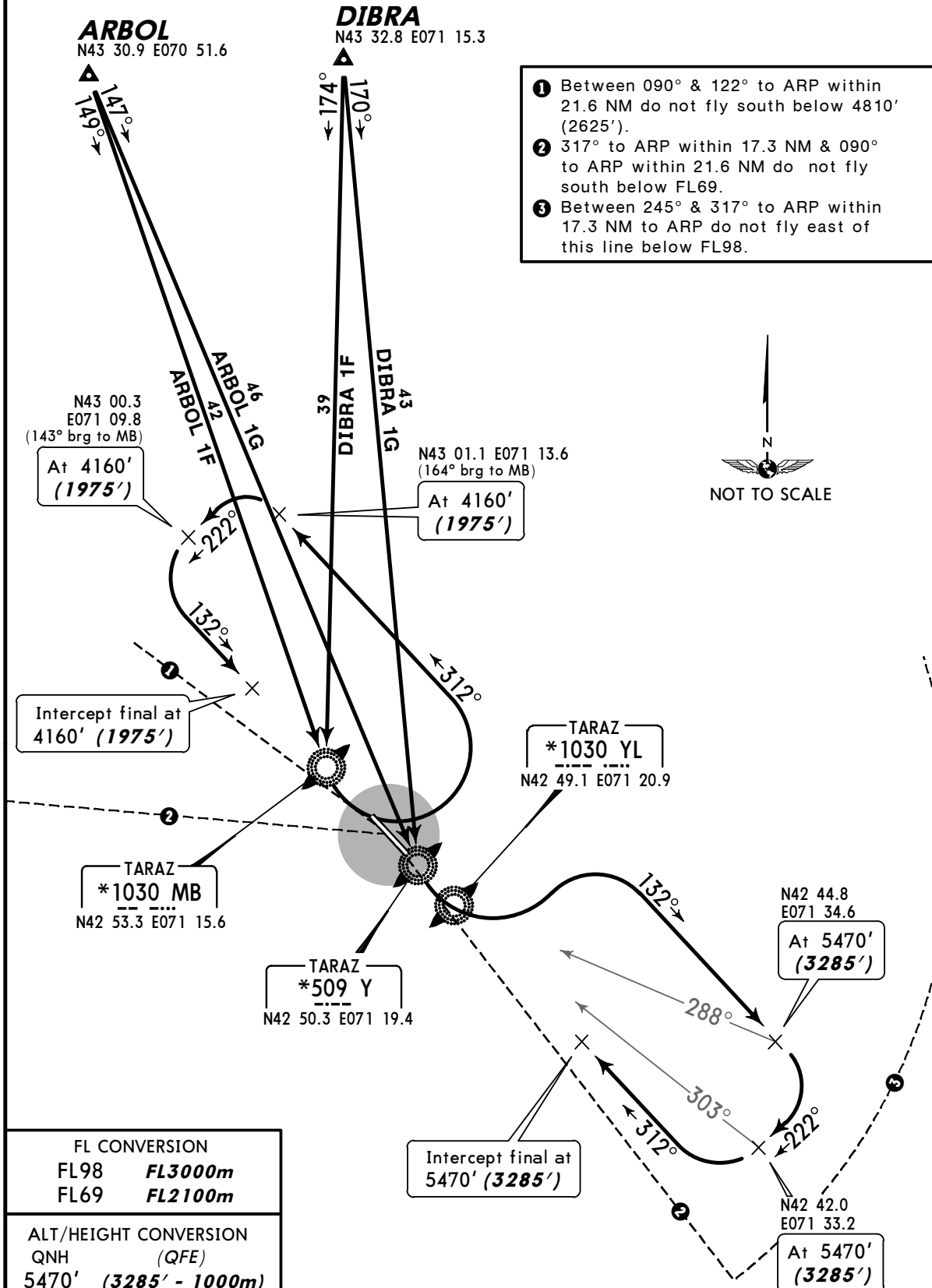
TARAZ, KAZAKHSTAN

STAR

Apt Elev **2185'** Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL69 Trans alt: 5470' **(3285')**



ARBOL 1F [ARBO1F] ARBOL 1G [ARBO1G]
DIBRA 1F [DIBR1F] DIBRA 1G [DIBR1G]
RWY 13 ARRIVALS RWY 31 ARRIVALS
WITHOUT RADAR CONTROL



FL CONVERSION	
FL98	FL3000m
FL69	FL2100m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
5470'	(3285' - 1000m)
4810'	(2625' - 800m)
4160'	(1975' - 600m)

UADD/DMB
AULIE-ATA

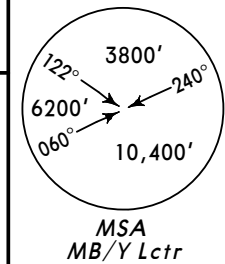
JEPPESSEN
14 AUG 09 **(10-2H)** Eff 27 Aug

TARAZ, KAZAKHSTAN

STAR

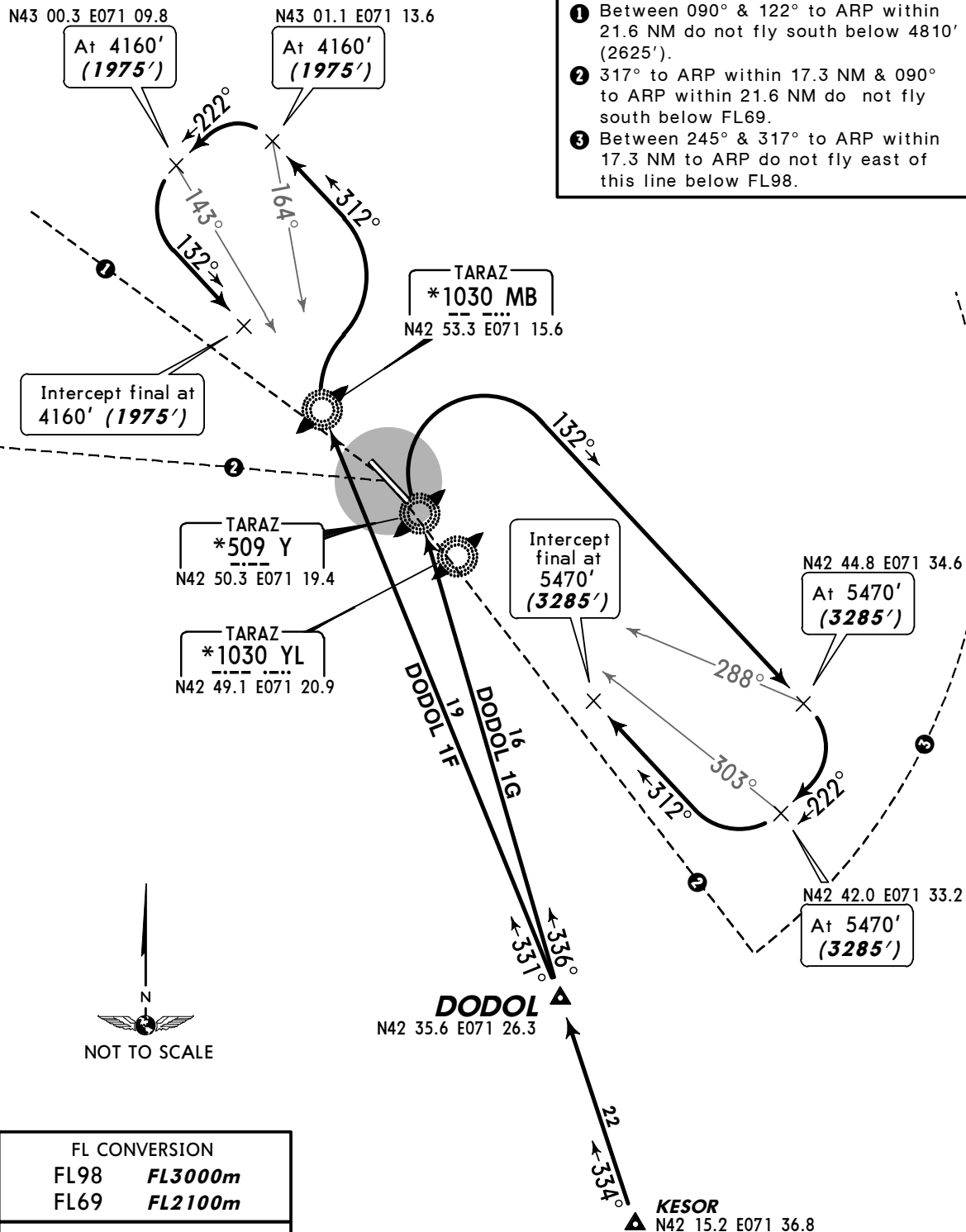
Apt Elev
2185'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69 Trans alt: 5470' (**3285'**)



DODOL 1F [DODO1F] DODOL 1G [DODO1G]
RWY 13 ARRIVAL RWY 31 ARRIVAL
WITHOUT RADAR CONTROL

- ① Between 090° & 122° to ARP within 21.6 NM do not fly south below 4810' (2625').
- ② 317° to ARP within 17.3 NM & 090° to ARP within 21.6 NM do not fly south below FL69.
- ③ Between 245° & 317° to ARP within 17.3 NM to ARP do not fly east of this line below FL98.



FL CONVERSION
FL98 **FL3000m**
FL69 **FL2100m**

ALT/HEIGHT CONVERSION
QNH (QFE)
5470' (**3285' - 1000m**)
4810' (**2625' - 800m**)
4160' (**1975' - 600m**)

UADD/DMB
AULIE-ATA

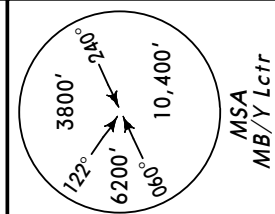
JEPPESSEN
 14 AUG 09 **(10-2J)** Eff 27 Aug

TARAZ, KAZAKHSTAN

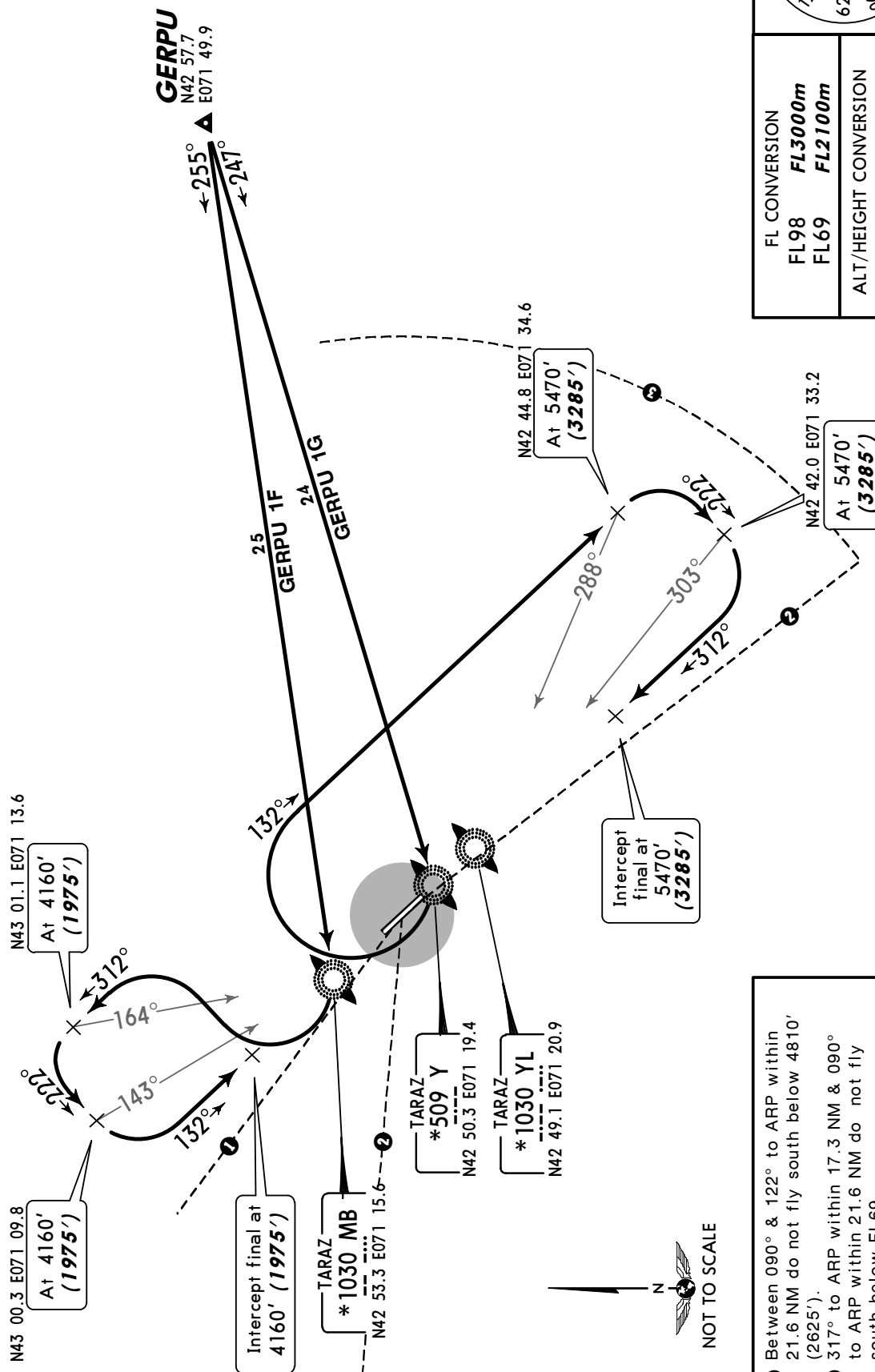
STAR

Apt Elev 2185'
 Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL69 Trans alt: 5470' (**3285'**)

GERPU 1F [GERP1F] RWY 13 ARRIVAL
GERPU 1G [GERP1G] RWY 31 ARRIVAL
 WITHOUT RADAR CONTROL



FL CONVERSION	
FL98	FL3000m
FL69	FL2100m
ALT/HEIGHT CONVERSION (QFE)	
QNH	5470' (3285' - 1000m)
	4810' (2625' - 800m)
	4160' (1975' - 600m)



- Between 090° & 122° to ARP within 21.6 NM do not fly south below 4810' (2625').
- 317° to ARP within 17.3 NM & 090° to ARP within 21.6 NM do not fly south below FL69.
- Between 245° & 317° to ARP within 17.3 NM to ARP do not fly east of this line below FL98.

UADD/DMB
AULIE-ATA

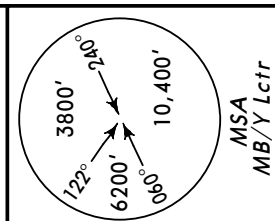
JEPPESSEN
 14 AUG 09 **10-2K** Eff 27 Aug

TARAZ, KAZAKHSTAN

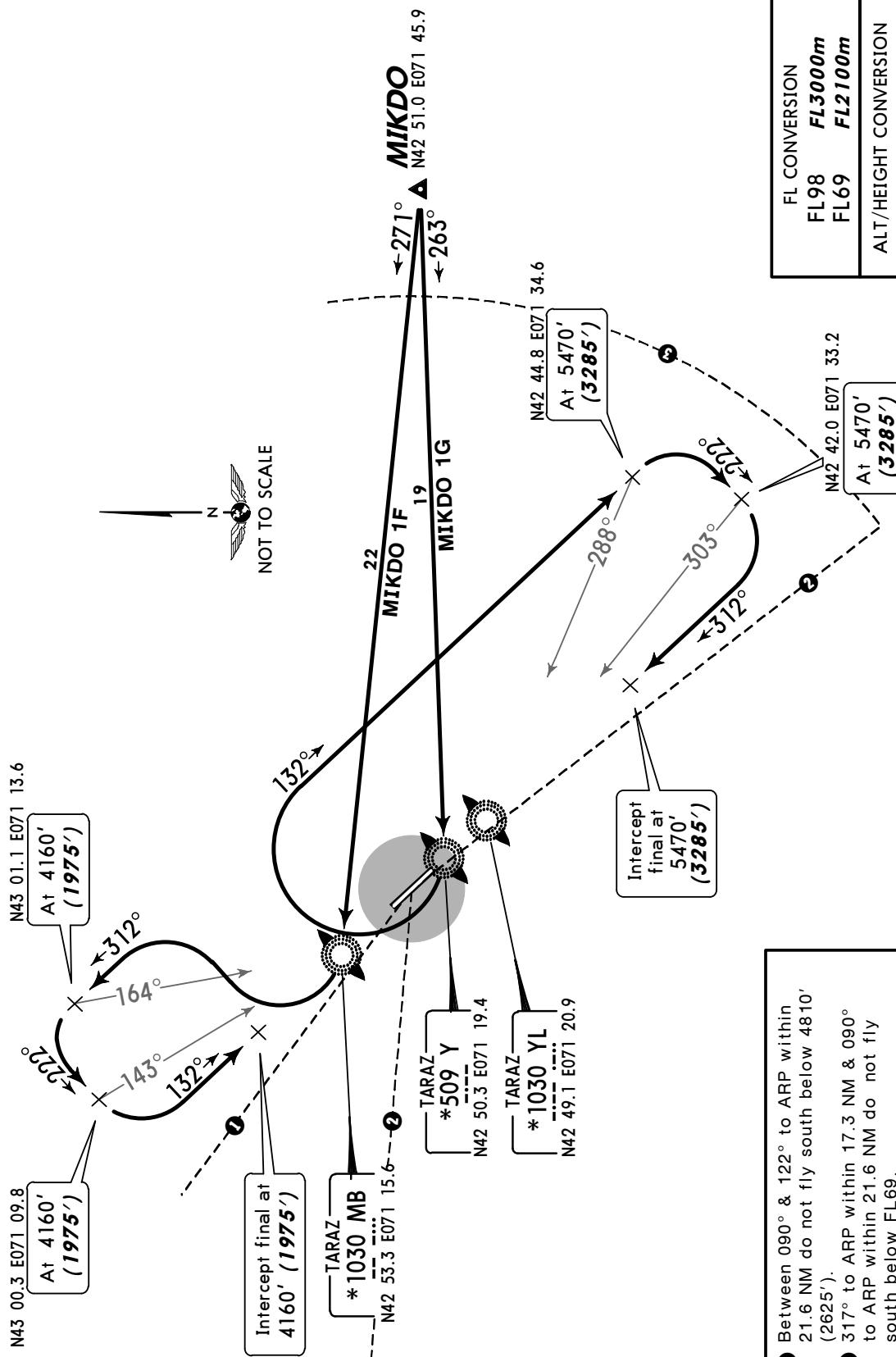
STAR

Apt Elev 2185' **Alt Set:** MM (hPa on request) **QNH on request** (QFE)
Trans level: FL69 **Trans alt:** 5470' (3285')

MIKDO 1F [MIKD1F] RWY 13 ARRIVAL **MIKDO 1G [MIKD1G] RWY 31 ARRIVAL**
 WITHOUT RADAR CONTROL



FL CONVERSION	FL98	FL3000m
	FL69	FL2100m
ALT/HEIGHT CONVERSION (QFE)	QNH	5470' (3285' - 1000m)
		4810' (2625' - 800m)
		4160' (1975' - 600m)



- Between 090° & 122° to ARP within 21.6 NM do not fly south below 4810' (2625').
- 317° to ARP within 17.3 NM & 090° to ARP within 21.6 NM do not fly south below FL69.
- Between 245° & 317° to ARP within 17.3 NM to ARP do not fly east of this line below FL98.

UADD/DMB
AULIE-ATA

JEPPESSEN
 14 AUG 09 **(10-2L)** Eff 27 Aug

TARAZ, KAZAKHSTAN

STAR

Apt Elev **2185'** Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL69 Trans alt: 5470' (**3285'**)

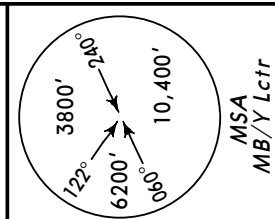
NASIP 1F [NAS11F]

RWY 13 ARRIVAL

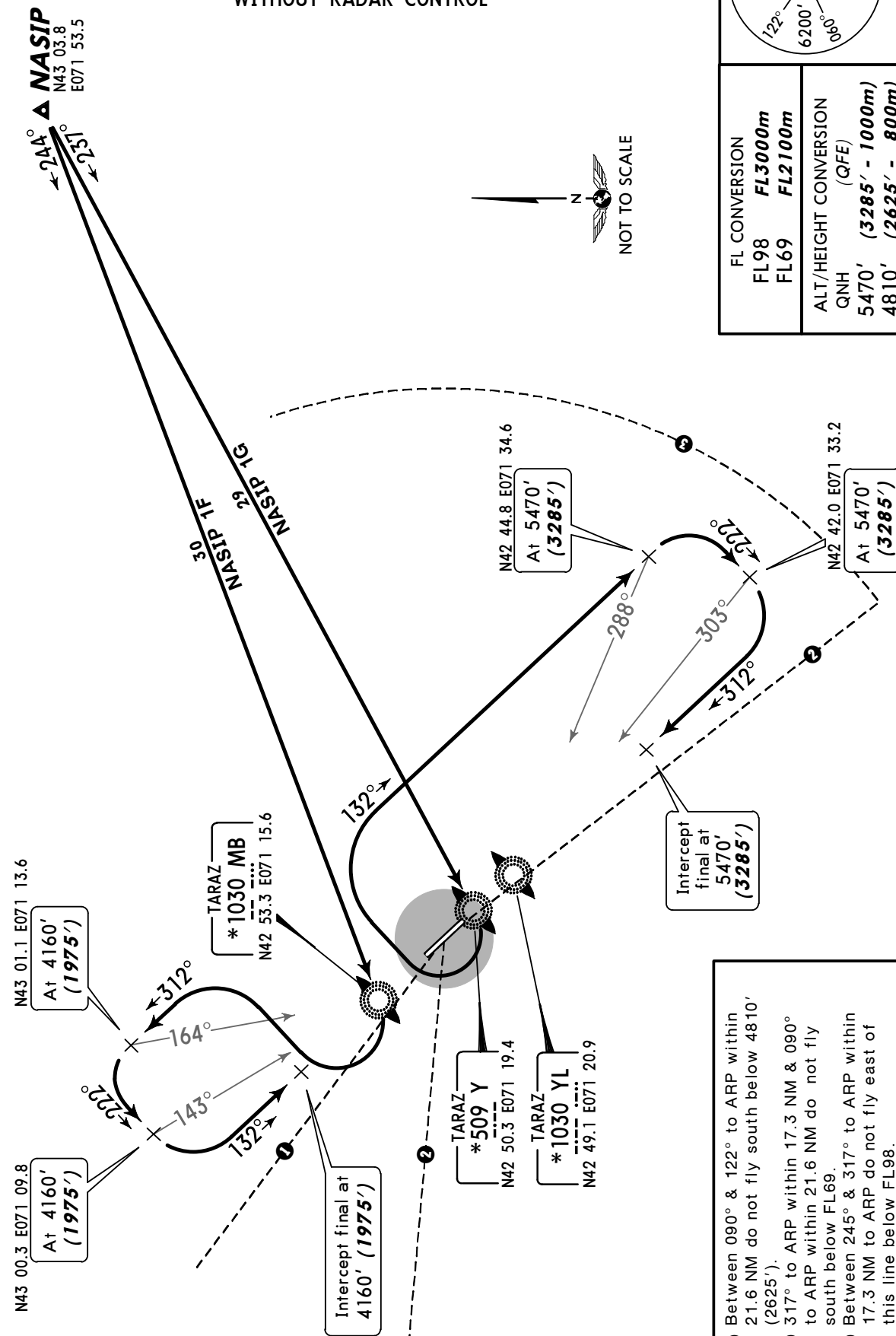
NASIP 1G [NAS11G]

RWY 31 ARRIVAL

WITHOUT RADAR CONTROL



FL CONVERSION	
FL98	FL3000m
FL69	FL2100m
ALT/HEIGHT CONVERSION (QFE)	
QNH	5470' (3285' - 1000m)
	4810' (2625' - 800m)
	4160' (1975' - 600m)



- Between 090° & 122° to ARP within 21.6 NM do not fly south below 4810' (2625').
- 317° to ARP within 17.3 NM & 090° to ARP within 21.6 NM do not fly south below FL69.
- Between 245° & 317° to ARP within 17.3 NM to ARP do not fly east of this line below FL98.

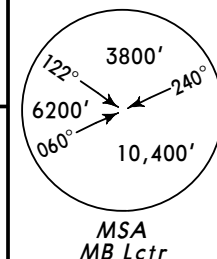
UADD/DMB
AULIE-ATA

JEPPesen
14 AUG 09 **10-3** **Eff 27 Aug**

TARAZ, KAZAKHSTAN

SID

Apt Elev **2185'** QNH on request **(QFE)**
Trans level: FL69 Trans alt: 5470' **(3321')**
Turn speed: MAX 215 KT.



ANESA 1C [ANES1C], ARBOL 1C [ARBO1C]
DIBRA 1C [DIBR1C]
RWY 13 DEPARTURES

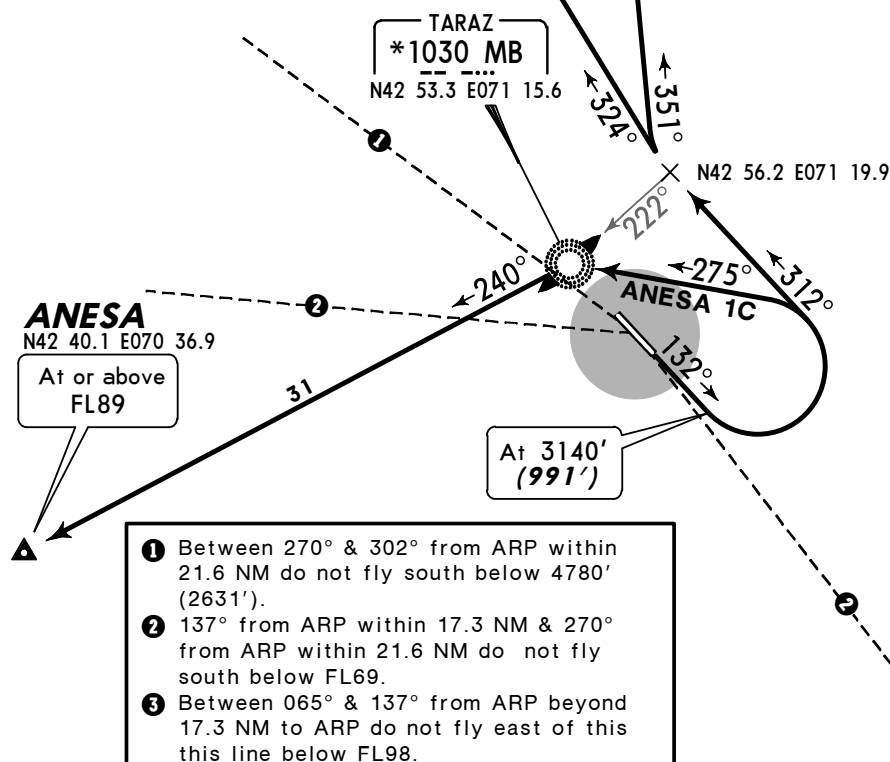


ARBOL
N43 30.9 E070 51.6
At or above
FL79

DIBRA
N43 32.8 E071 15.3
At or above
FL79

ALT/HEIGHT CONVERSION	
QNH	(QFE)
3140'	(991' - 300m)
4780'	(2631' - 800m)
5470'	(3321' - 1000m)

FL CONVERSION	
FL69	FL2100m
FL79	FL2400m
FL89	FL2700m
FL98	FL3000m



SID	ROUTING
ANESA 1C	Climb to 3140' (991') , turn LEFT, intercept 275° bearing to MB, turn LEFT, 240° track to ANESA.
ARBOL 1C	Climb to 3140' (991') , turn LEFT, 312° track, when passing 222° bearing to MB turn RIGHT, 324° track to ARBOL.
DIBRA 1C	Climb to 3140' (991') , turn LEFT, 312° track, when passing 222° bearing to MB turn RIGHT, 351° track to DIBRA.

UADD/DMB
AULIE-ATA

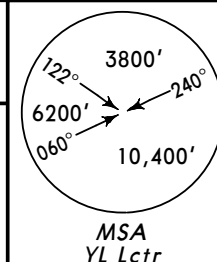
JEPPESEN
14 AUG 09 **(10-3A)** **Eff 27 Aug**

TARAZ, KAZAKHSTAN

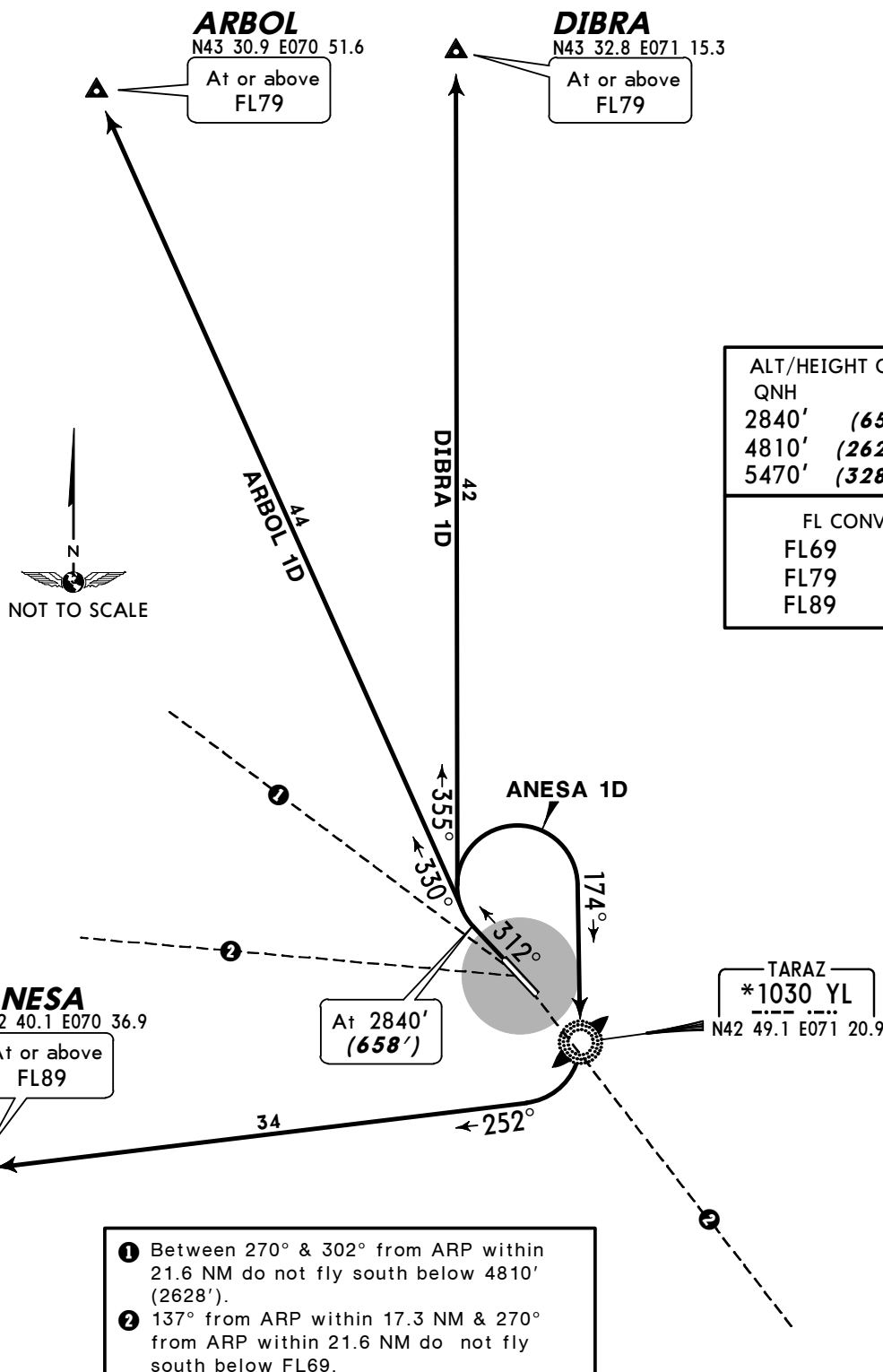
SID

Apt Elev
2185'

QNH on request **(QFE)**
Trans level: FL69 Trans alt: 5470' **(3288')**
Turn speed: MAX 215 KT.



ANESA 1D [ANES1D], ARBOL 1D [ARBO1D]
DIBRA 1D [DIBR1D]
RWY 31 DEPARTURES



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2840'	(658' - 200m)
4810'	(2628' - 800m)
5470'	(3288' - 1000m)

FL CONVERSION	
FL69	FL2100m
FL79	FL2400m
FL89	FL2700m

SID	ROUTING
ANESA 1D	Climb to 2840' (658'), turn RIGHT, intercept 174° bearing to YL, turn RIGHT, 252° track to ANESA.
ARBOL 1D	Climb to 2840' (658'), turn RIGHT, 330° track to ARBOL.
DIBRA 1D	Climb to 2840' (658'), turn RIGHT, 355° track to DIBRA.

**UADD/DMB
AULIE-ATA**

TARAZ, KAZAKHSTAN

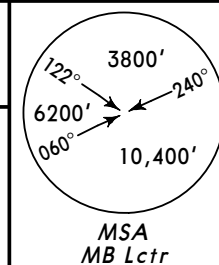
14 AUG 09

10-3B

Eff 27 Aug**SID**

Apt Elev
2185'

QNH on request **(QFE)**
Trans level: FL69 Trans alt: 5470' **(3321')**
Turn speed: MAX 215 KT.

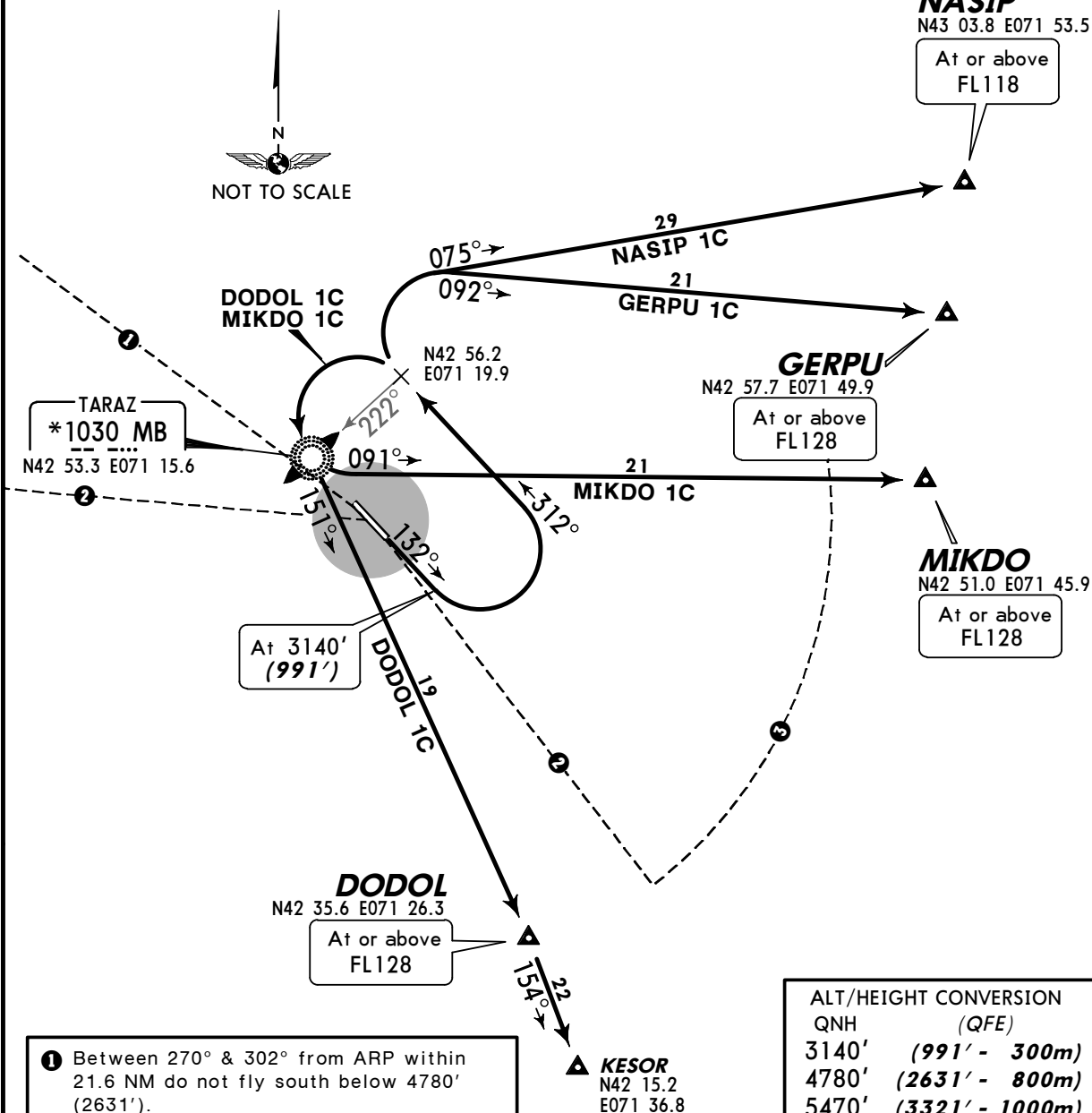


DODOL 1C [*DODO1C*], GERPU 1C [*GERP1C*]
 MIKDO 1C [*MIKD1C*], NASIP 1C [*NASI1C*]
 RWY 13 DEPARTURES

NASIP

N43 03.8 E071 53.5

At or above
FL118



- 1** Between 270° & 302° from ARP within 21.6 NM do not fly south below 4780' (2631').
- 2** 137° from ARP within 17.3 NM & 270° from ARP within 21.6 NM do not fly south below FL69.
- 3** Between 065° & 137° from ARP beyond 17.3 NM to ARP do not fly east of this line below FL98.

ALT/HEIGHT CONVERSION
QNH (QFE)
3140' (991' - 300m)
4780' (2631' - 800m)
5470' (3321' - 1000m)

FL CONVERSION

FL69	<i>FL2100m</i>
FL98	<i>FL3000m</i>
FL118	<i>FL3600m</i>
FL128	<i>FL3900m</i>

SID	ROUTING
DODOL 1C	Climb to 3140' (991'), turn LEFT, 312° track, when passing 222° bearing to MB turn LEFT to MB, turn LEFT, 151° track to DODOL.
GERPU 1C	Climb to 3140' (991'), turn LEFT, 312° track, when passing 222° bearing to MB turn RIGHT, 092° track to GERPU.
MIKDO 1C	Climb to 3140' (991'), turn LEFT, 312° track, when passing 222° bearing to MB turn LEFT to MB, turn LEFT, 091° track to MIKDO.
NASIP 1C	Climb to 3140' (991'), turn LEFT, 312° track, when passing 222° bearing to MB turn RIGHT, 075° track to NASIP.

UADD/DMB
AULIE-ATA

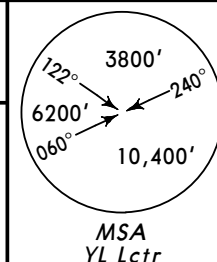
JEPPESSEN
14 AUG 09 **(10-3C)** **Eff 27 Aug**

TARAZ, KAZAKHSTAN

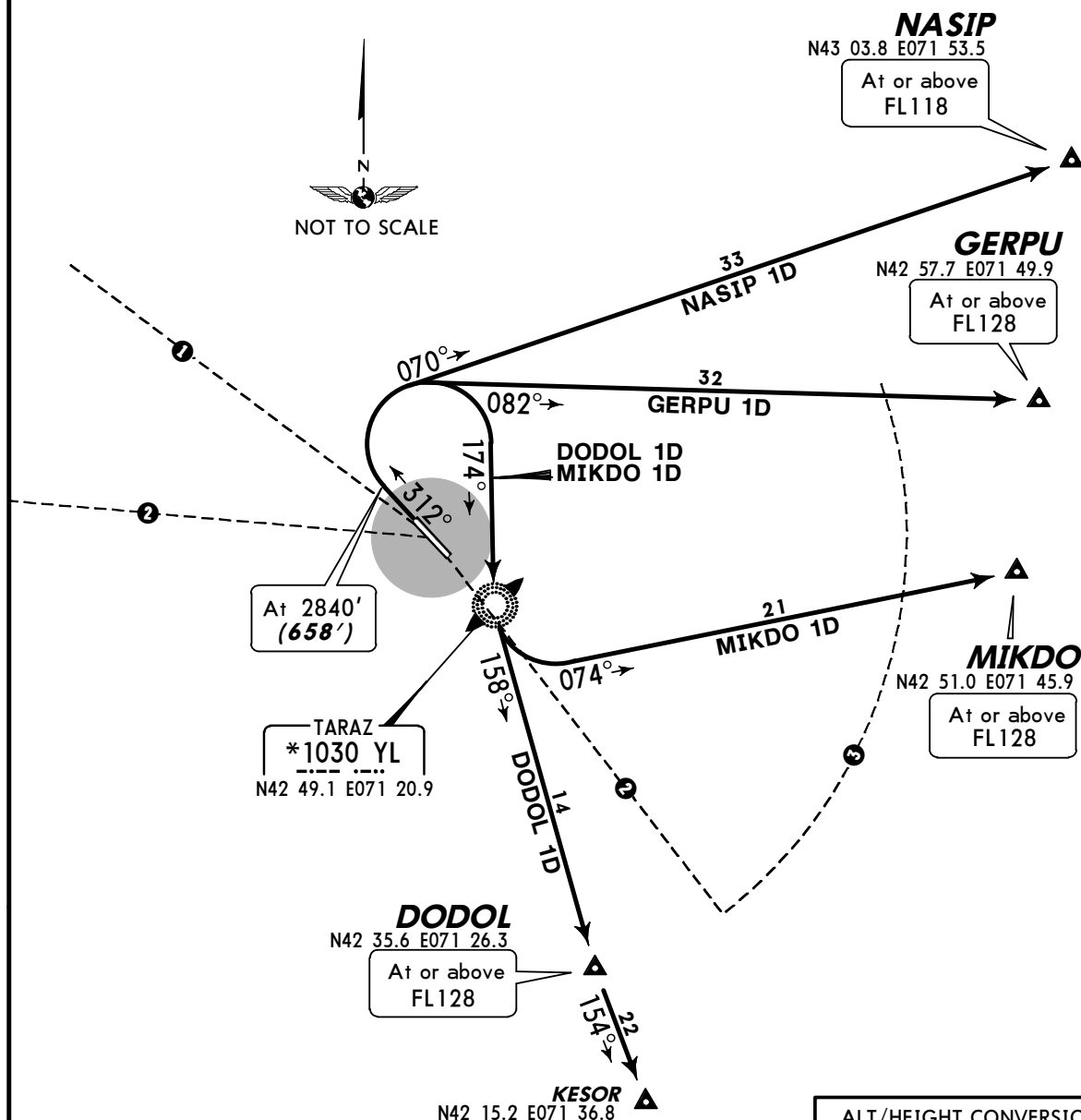
SID

Apt Elev
2185'

QNH on request **(QFE)**
Trans level: FL69 Trans alt: 5470' **(3288')**
Turn speed: MAX 215 KT.



DODOL 1D [DODO1D], GERPU 1D [GERP1D]
MIKDO 1D [MIKD1D], NASIP 1D [NASI1D]
RWY 31 DEPARTURES



- ① Between 270° & 302° from ARP within 21.6 NM do not fly south below 4810' (2628').
- ② 137° from ARP within 17.3 NM & 270° from ARP within 21.6 NM do not fly south below FL69.
- ③ Between 065° & 137° from ARP beyond 17.3 NM to ARP do not fly east of this line below FL98.

ALT/HEIGHT CONVERSION
QNH (QFE)
2840' **(658' - 200m)**
4810' **(2628' - 800m)**
5470' **(3288' - 1000m)**

FL CONVERSION
FL69 **FL2100m**
FL98 **FL3000m**
FL118 **FL3600m**
FL128 **FL3900m**

SID	ROUTING
DODOL 1D	Climb to 2840' (658') , turn RIGHT, intercept 174° bearing to YL, turn LEFT, 158° track to DODOL.
GERPU 1D	Climb to 2840' (658') , turn RIGHT, 082° track to GERPU.
MIKDO 1D	Climb to 2840' (658') , turn RIGHT, intercept 174° bearing to YL, turn LEFT, 074° track to MIKDO.
NASIP 1D	Climb to 2840' (658') , turn RIGHT, 070° track to NASIP.

UADD/DMB

Apt Elev **2184'**
N42 51.2 E071 18.2

JEPPESEN

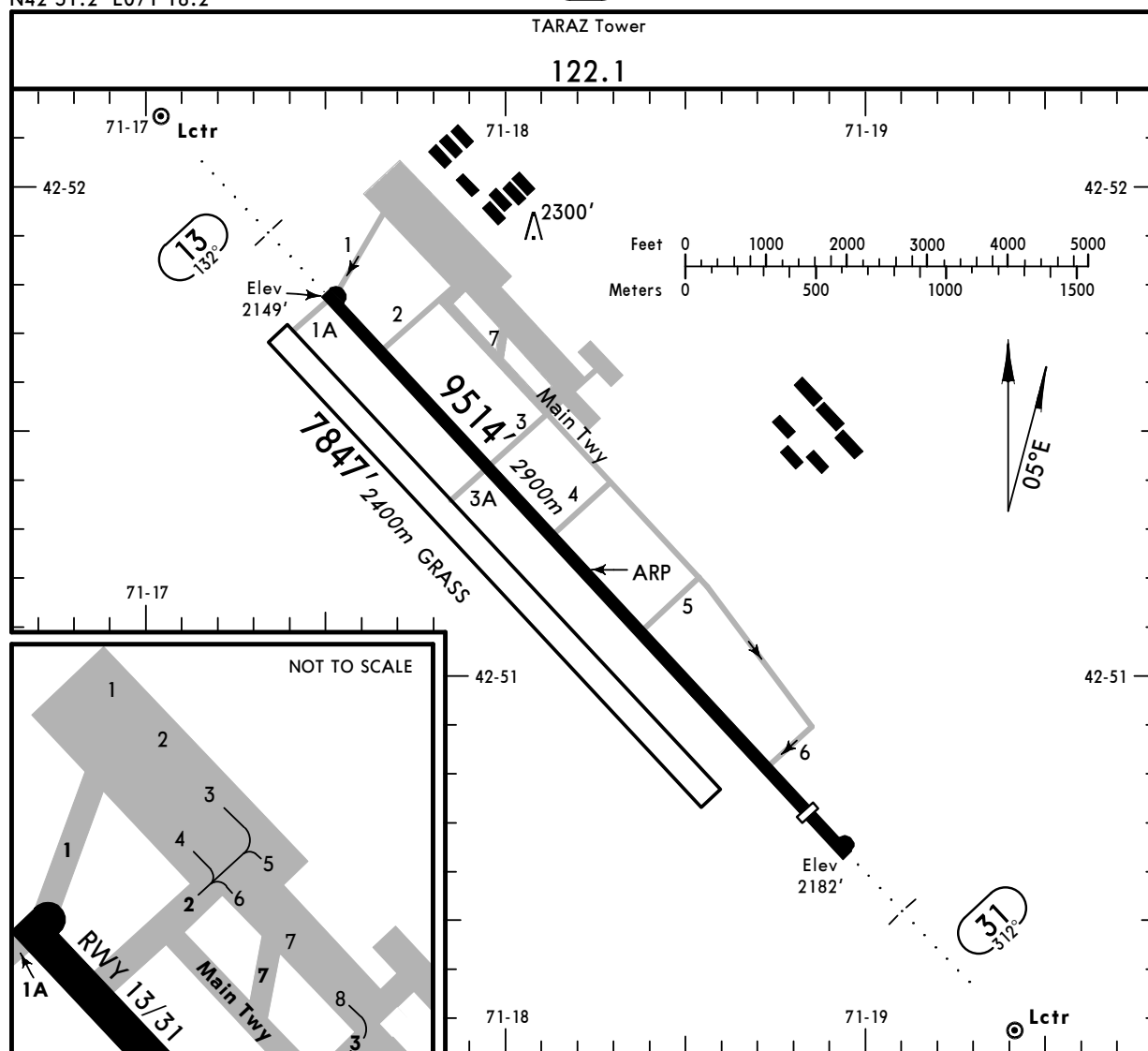
12 NOV 10

(10-9)

Eff 18 Nov

TARAZ, KAZAKHSTAN

AULIE-ATA



ADDITIONAL RUNWAY INFORMATION

RWY			RVR	USABLE LENGTHS		TAKE-OFF	WIDTH
				Threshold	Landing Beyond		
13	31	RL (60m) ALS			8603' 2622m	9350' 2850m	148' 45m
13	31	Grass runway		8793' 2680m			328' 100m

TAKE-OFF

AIR CARRIER (JAA)
All Rwy's

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

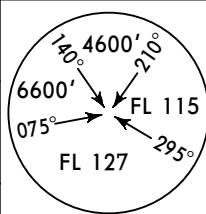
I LVP must be in force: 300m.

UADD/DMB
AULIE-ATA

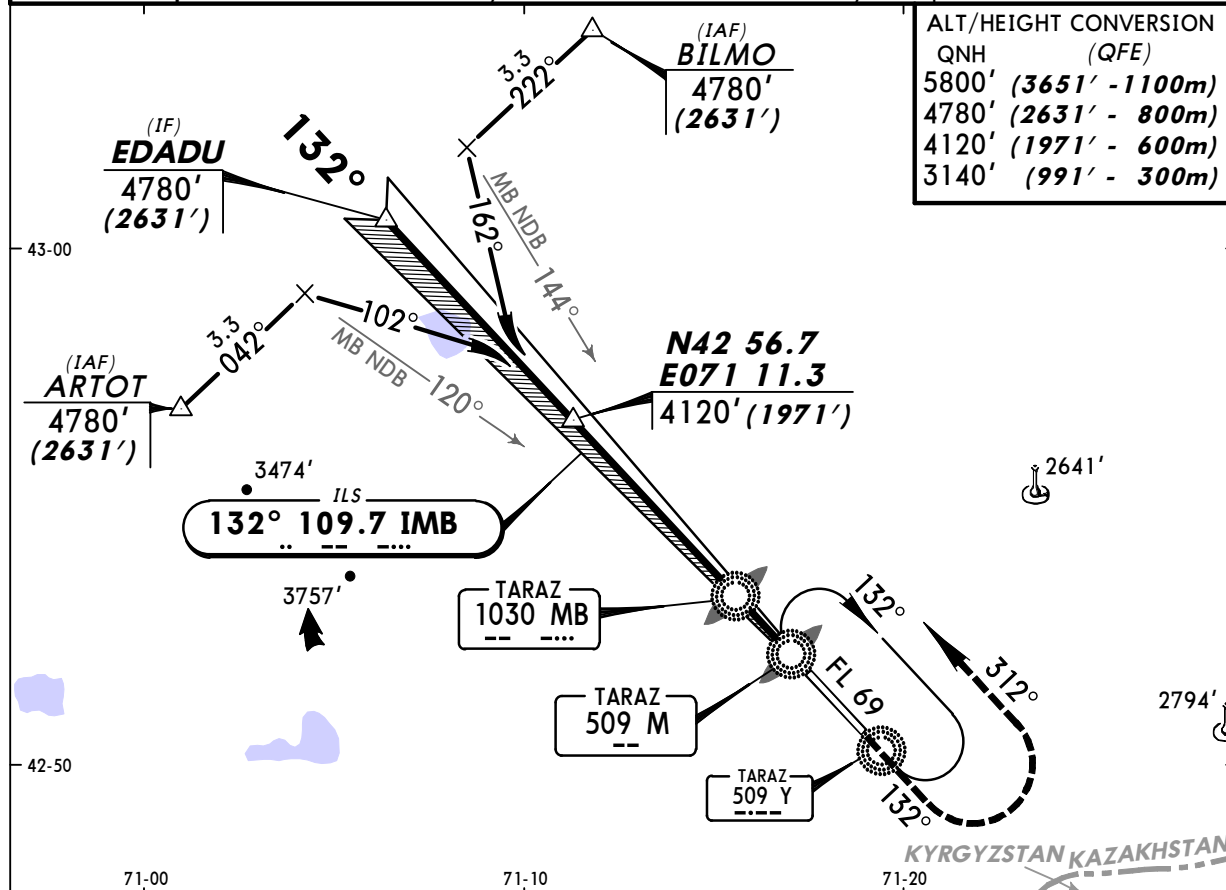
JEPPESSEN
12 NOV 10 **(11-1)** **Eff 18 Nov**

TARAZ, KAZAKHSTAN
ILS Y Rwy 13

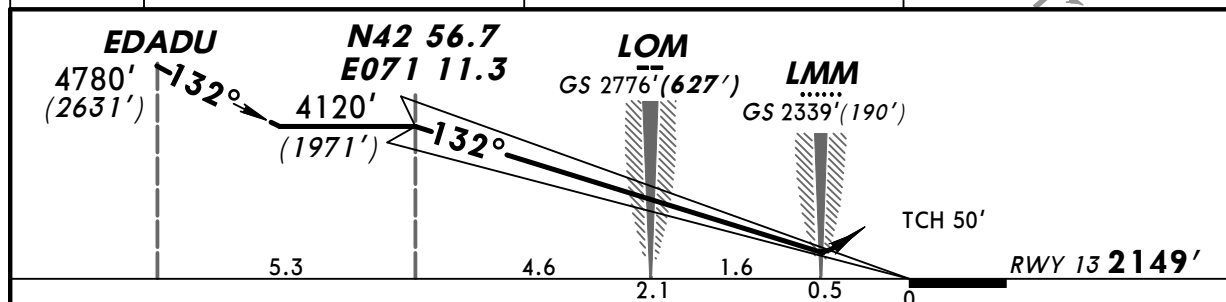
BRIEFING STRIP

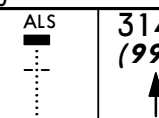
TARAZ Approach			TARAZ Tower		
122.1			122.1		
LOC IMB 109.7	Final Apch Crs 132°	GS LOM 2776' (627')	ILS DA(H) Refer to Minimums	Apt Elev 2184' RWY 2149'	
MISSED APCH: Climb on 132° to 3140' (991'), then turn LEFT (MAX 225 KT) onto 312° climbing to 4780' (2631'), then as directed.					

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 69 Trans alt: 5800' (3651')
 1. **RADAR required.** 2. **WARNING:** Heavy turbulence with downdrafts may be expected on final.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5800'	(3651' - 1100m)
4780'	(2631' - 800m)
4120'	(1971' - 600m)
3140'	(991' - 300m)



Gnd speed-Kts	70	90	100	120	140	160	
GS	2.67°	336	432	480	576	671	

STRAIGHT-IN LANDING RWY 13					
ILS		LOC (GS out)			
DA(H)		B: 2352'(203')			
A: 2349'(200')		CD: 2379'(230')			
FULL		ALS out			
A	1200m		NOT AUTHORIZED		
B					
C					
D					

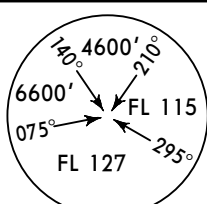
PANS OPS

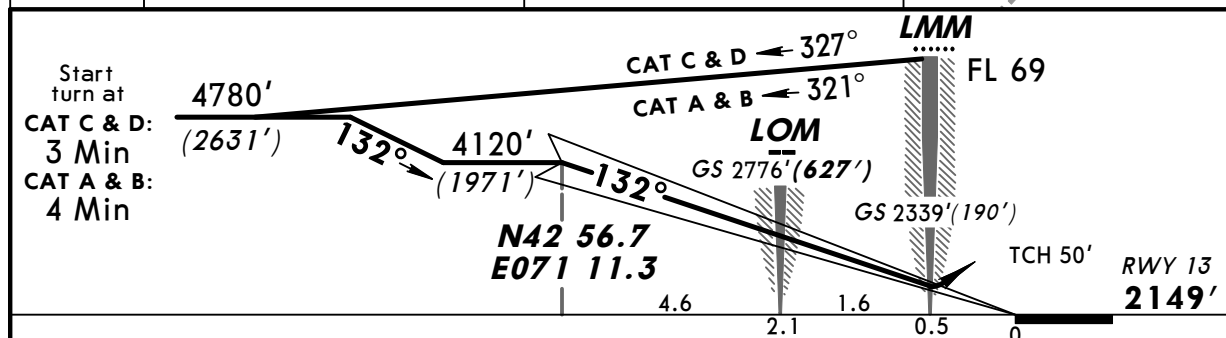
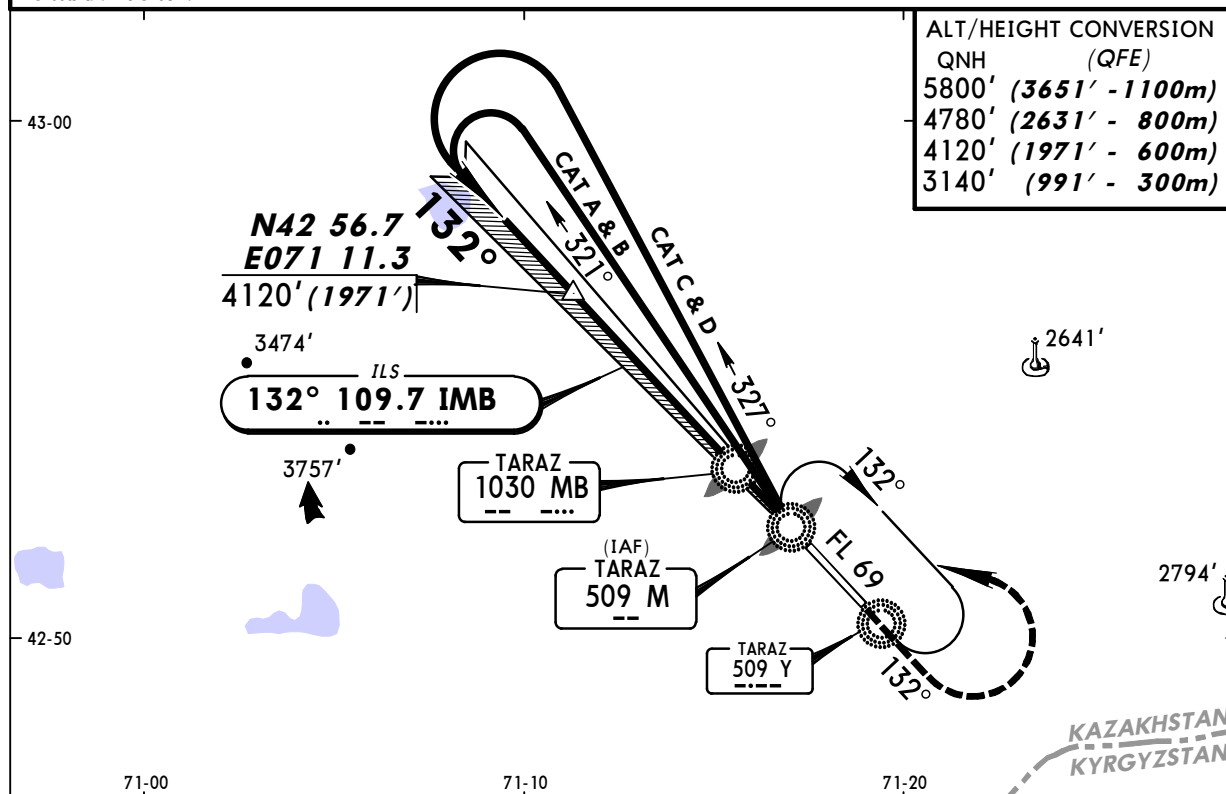
UADD/DMB
AULIE-ATA

JEPPESSEN
12 NOV 10 **(11-2)** **Eff 18 Nov**

TARAZ, KAZAKHSTAN
ILS X Rwy 13

BRIEFING STRIP

TARAZ Approach				TARAZ Tower	
122.1				122.1	
LOC IMB 109.7	Final Apch Crs 132°	GS LOM 2776' (627')	ILS DA(H) Refer to Minimums	Apt Elev 2184'	RWY 2149'
MISSED APCH: Climb on 132° to 3140' (991') or above. After passing M NDB maintain 132° for 1 min 20 sec, then turn LEFT to M NDB. Climb initially to 4780' (2631'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 69 to M NDB and hold. Missed apch turn limited to MAX 225 KT.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 69 Trans alt: 5800' (3651') 1. WARNING: Heavy turbulence with downdrafts may be expected on final. 2. Initial approach restricted to MAX 195 KT.					MSA M NDB



ALS	3140' (991') or above on 132°
-----	-------------------------------

STRAIGHT-IN LANDING RWY 13					
ILS		LOC (GS out)			
DA(H)		B: 2352' (203')			
A: 2349' (200')		CD: 2379' (230')			
FULL		ALS out			
A	1200m		NOT AUTHORIZED		
B					
C					
D					

PANS OPS

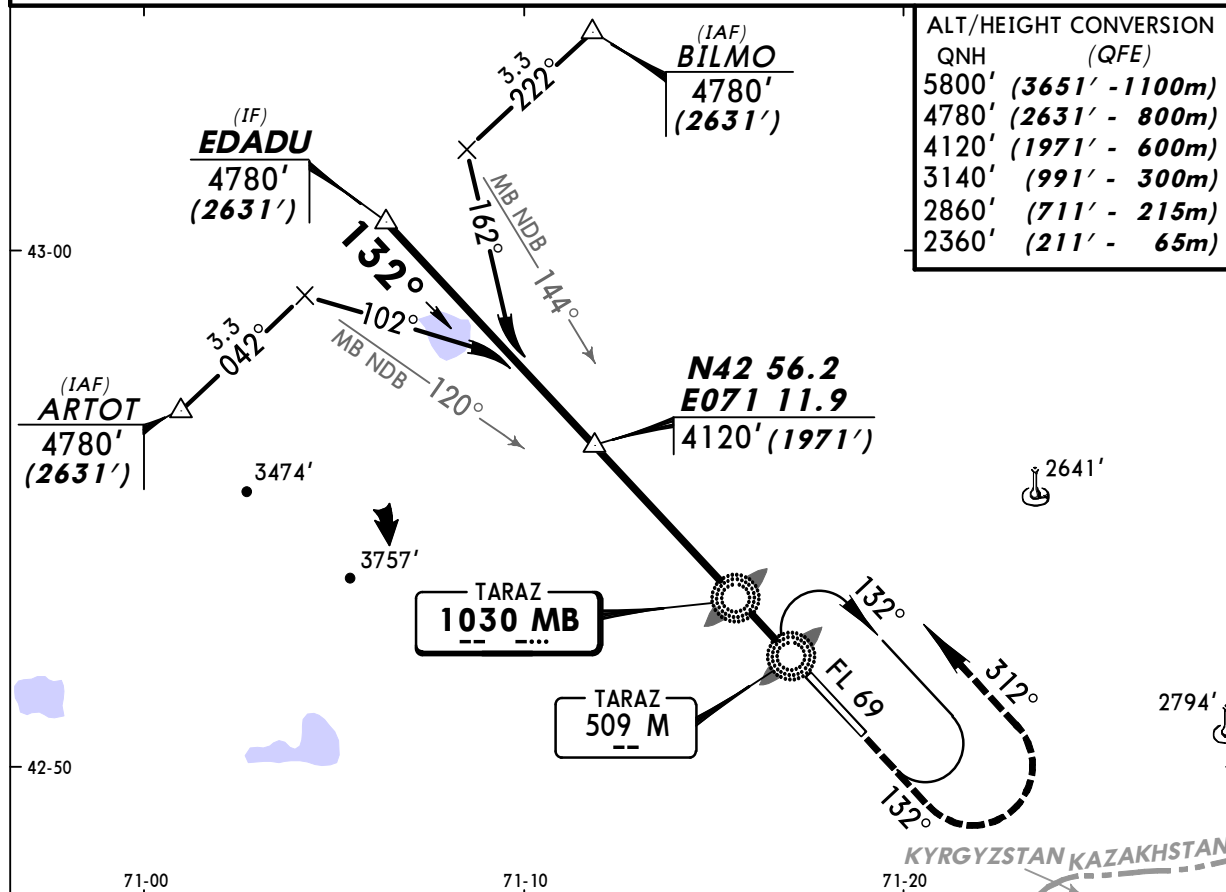
UADD/DMB
AULIE-ATA

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

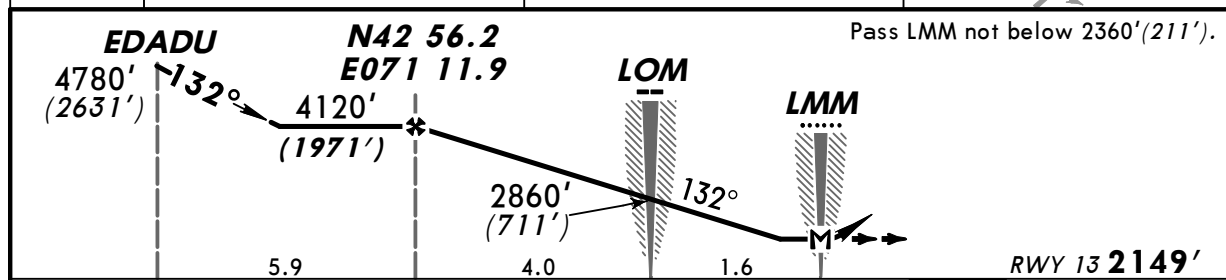
TARAZ, KAZAKHSTAN
2 NDB Rwy 13

BRIEFING STRIP

TARAZ Approach			TARAZ Tower		
122.1			122.1		
NDB MB 1030	Final Apch Crs 132°	Minimum Alt N42 56.2 E071 11.9 4120' (1971')	MDA(H) 2550' (401')	Apt Elev 2184' RWY 2149'	
MISSED APCH: Climb on 132° to 3140' (991'), then turn LEFT (MAX 225 KT) onto 312° climbing to 4780' (2631'), then as directed.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 69 Trans alt: 5800' (3651')					
1. RADAR required. 2. WARNING: Heavy turbulence with downdrafts may be expected on base leg and final.					



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5800'	(3651' - 1100m)
4780'	(2631' - 800m)
4120'	(1971' - 600m)
3140'	(991' - 300m)
2860'	(711' - 215m)
2360'	(211' - 65m)



Gnd speed-Kts	70	90	100	120	140	160	ALS 3140' (991') on 132°
Descent angle 3.00°	372	478	531	637	743	849	
MAP at LMM							

STRAIGHT-IN LANDING RWY 13		MDA(H) 2550' (401') ALS out	1800m
A	B		
C	D		

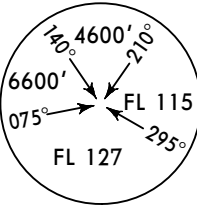
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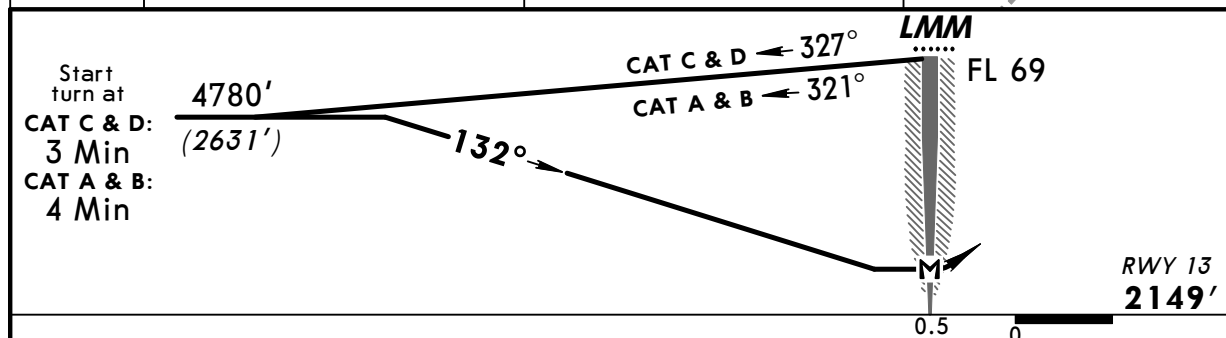
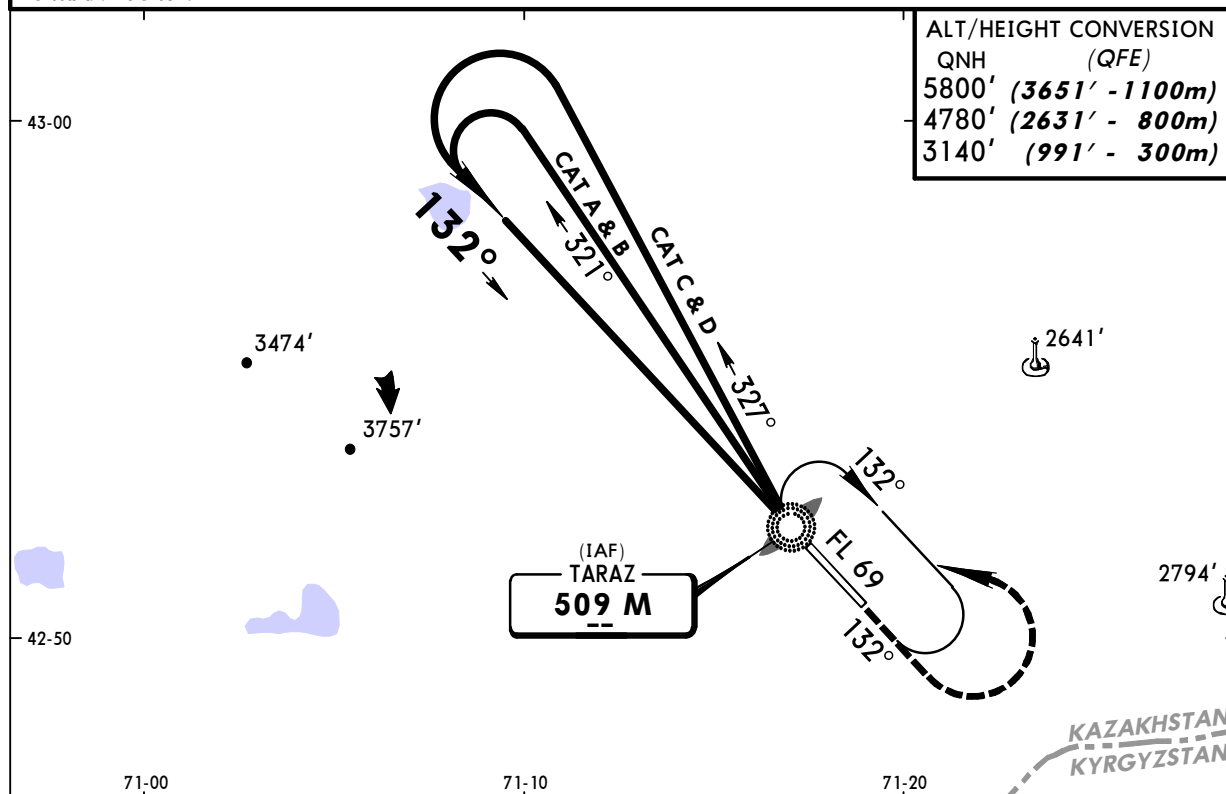
UADD/DMB
AULIE-ATA

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

TARAZ, KAZAKHSTAN
NDB Rwy 13

BRIEFING STRIP

TARAZ Approach				TARAZ Tower	
122.1				122.1	
NDB M 509	Final Apch Crs 132°	Minimum Alt No FAF	MDA(H) Refer to Minimums	Apt Elev 2184' RWY 2149'	 MSA M NDB
MISSED APCH: Climb on 132° to 3140' (991') or above. After passing NDB maintain 132° for 1 min 20 sec, then turn LEFT to NDB. Climb initially to 4780' (2631'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 69 to NDB and hold. Missed apch turn limited to MAX 225 KT.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 69 Trans alt: 5800'(3651') 1. WARNING: Heavy turbulence with downdrafts may be expected on final. 2. Initial approach restricted to MAX 195 KT.					



						ALS	3140' (991') on 132°
MAP at LMM							

STRAIGHT-IN LANDING RWY 13					
AB: 2810' (661')					
MDA(H) CD: 3140' (991')					
			ALS out		
A					
B	3000m				
C					
D	5000m				

PANS OPS

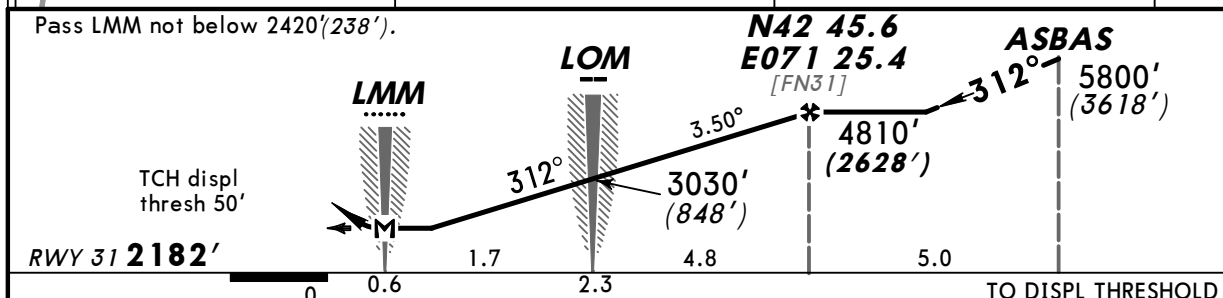
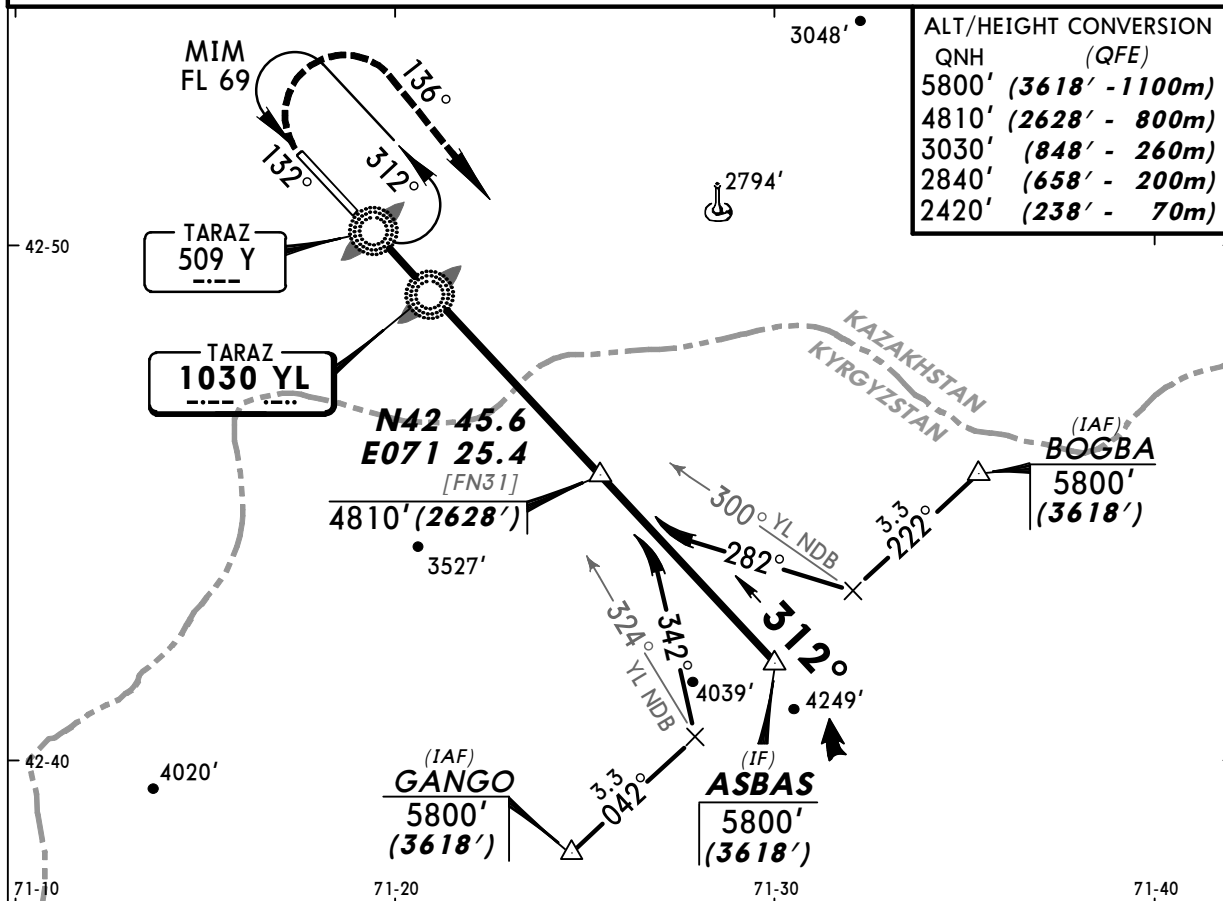
UADD/DMB
AULIE-ATA

JEPPesen
12 NOV 10 **(16-3)** **Eff 18 Nov**

TARAZ, KAZAKHSTAN
2 NDB Rwy 31

BRIEFING STRIP

TARAZ Approach			TARAZ Tower		
122.1			122.1		
<i>NDB</i> YL 1030	<i>Final</i> <i>Apch Crs</i> 312°	<i>Minimum Alt</i> N42 45.6 E071 25.4 4810' (2628')	<i>MDA(H)</i> 2650' (468')	<i>Apt Elev</i> 2184' <i>RWY</i> 2182'	
MISSED APCH: Climb on 312° to 2840' (658'), then turn RIGHT (MAX 225 KT) onto 136° climbing to 5800' (3618'), then as directed.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 69 Trans alt: 5800' (3618') 1. RADAR required. 2. WARNING: Heavy turbulence with downdrafts may be expected on base leg and final.					



Gnd speed-Kts	70	90	100	120	140	160	ALS	2840' (658') on 312°
Descent angle 3.50°	434	557	619	743	867	991		
MAP at LMM								

STRAIGHT-IN LANDING RWY 31			
MDA(H) 2650' (468')			
		ALS out	
A	1800m		
B			
C	2000m		
D			

PANS OPS