

Page 1

Changed chart(s) since Disc 10-2010

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 10-2010

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 2148'

Lights: Edge, ALS

Runway 31 (312.0°M) TDZE 2181'

Lights: Edge, ALS

Displaced Threshold Distance 722'

Communications Info

Taraz Tower **122.1**

Taraz Tower **120.8** Secondary

Taraz Approach Control **122.1**

Taraz Approach Control **120.8** Secondary

Notebook Info

UADD/DMB
AULIE-ATA

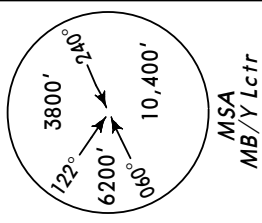
JEPPesen
14 AUG 09 **10-2** Eff 27 Aug

TARAZ, KAZAKHSTAN

STAR

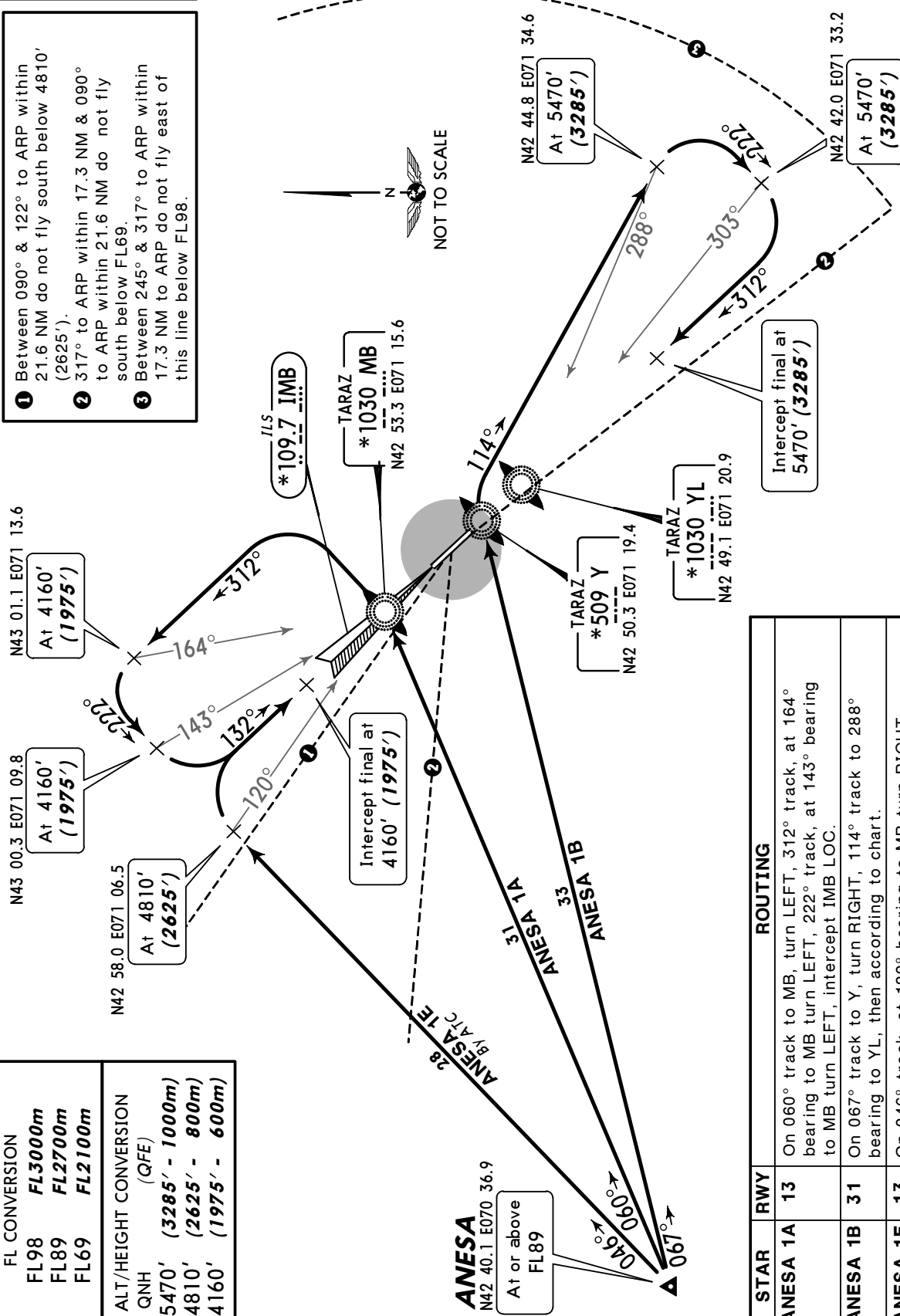
Apt Elev
2185'

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



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

- 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**
FL89 **FL2700m**
FL69 **FL2100m**

ALT/HEIGHT CONVERSION

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

ROUTING

STAR

RWY

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 13 By ATC On 046° track, at 120° bearing to MB turn RIGHT, intercept IMB LOC.

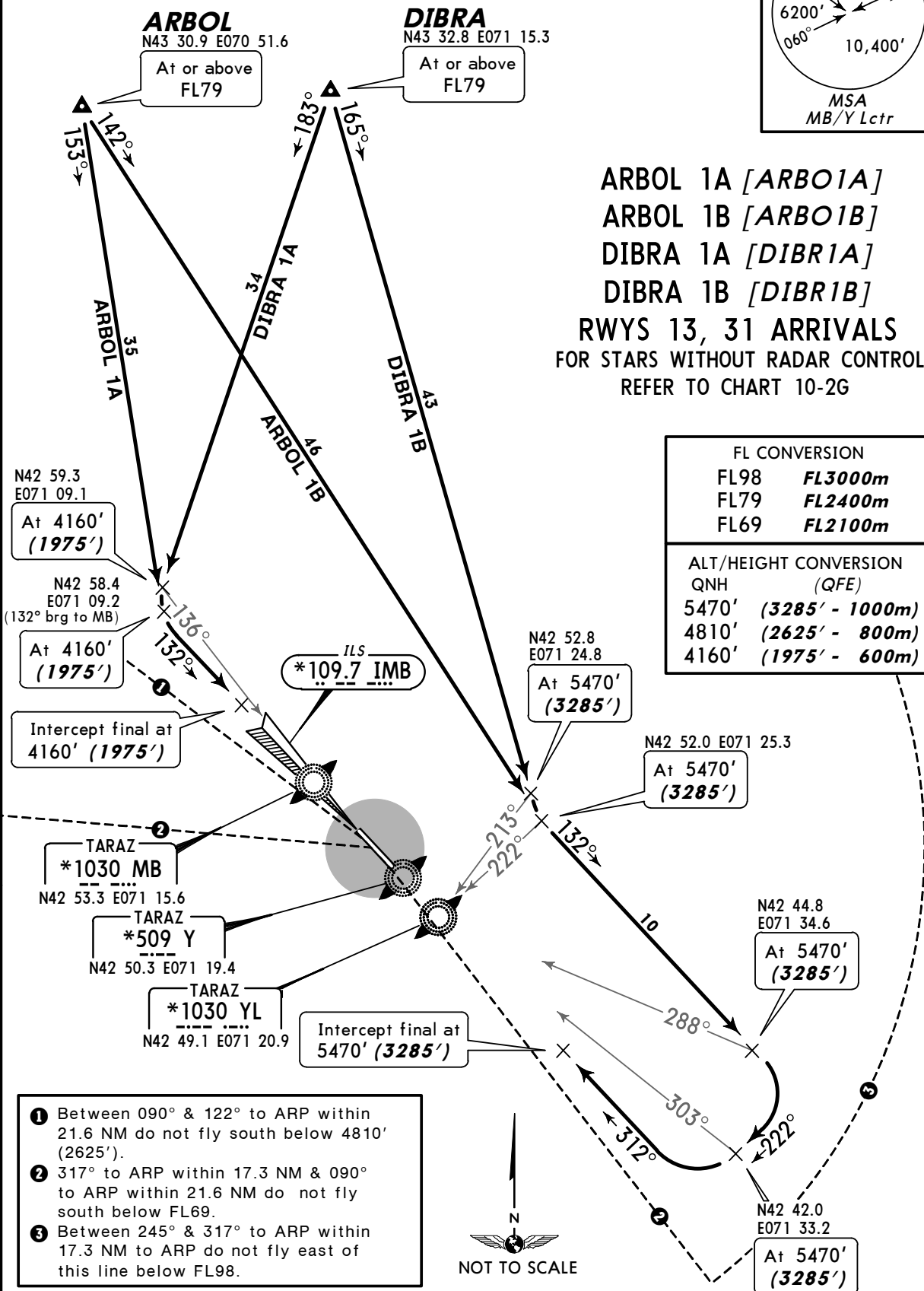
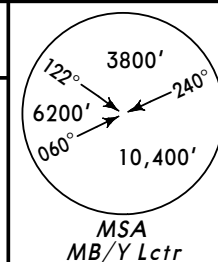
UADD/DMB
AULIE-ATA

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

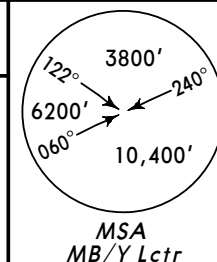
TARAZ, KAZAKHSTAN

STAR

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

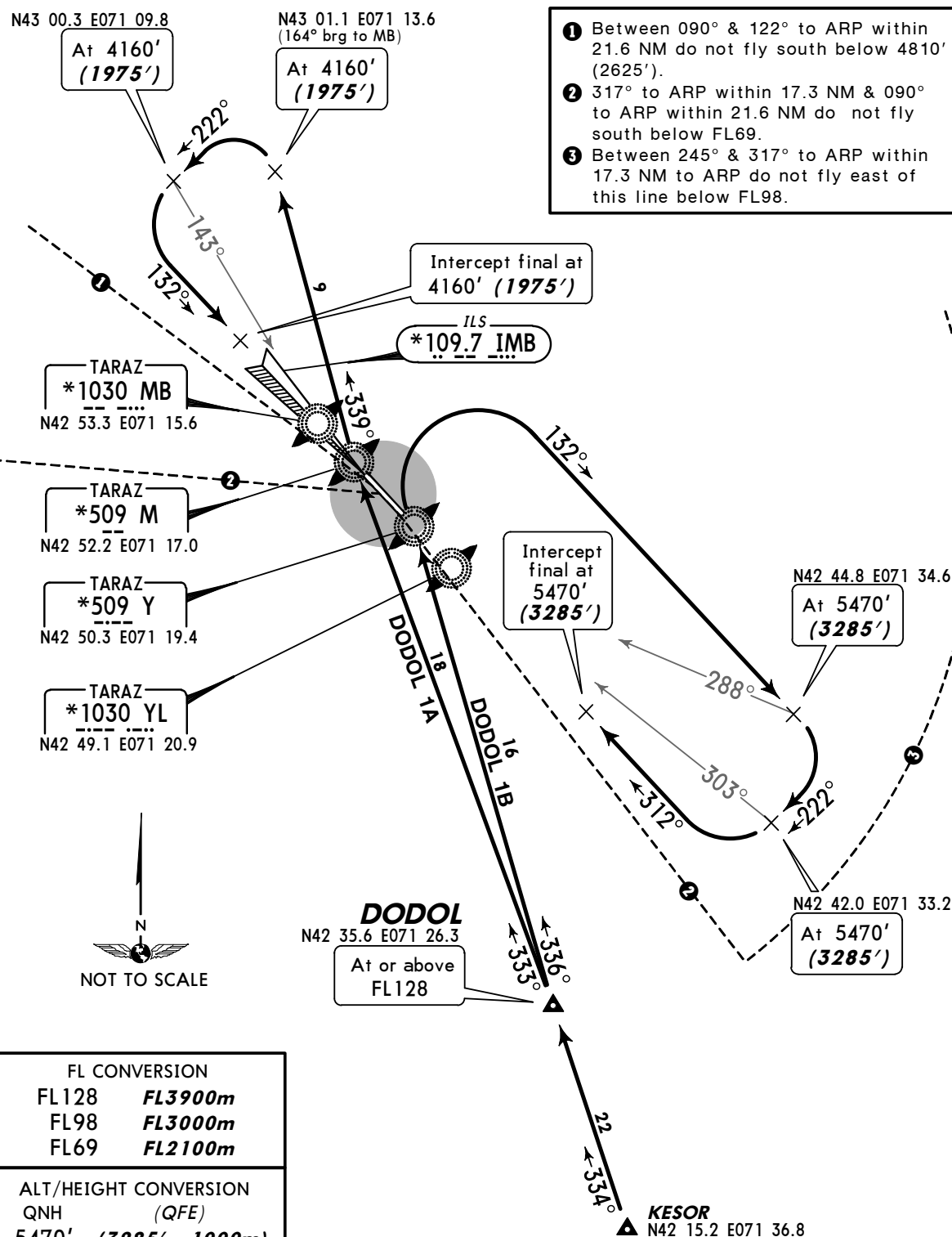


STAR	RWY	ROUTING
ARBOL 1A	13	On 153° track, at 132° bearing to MB turn LEFT, intercept IMB LOC.
ARBOL 1B	31	On 142° track, at 222° bearing to YL turn LEFT, 132° track to 288° bearing to YL, then according to chart.
DIBRA 1A	13	On 183° track, at 136° bearing to MB turn LEFT, intercept IMB LOC.
DIBRA 1B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

JEPPESEN
14 AUG 09 **10-2C** **Eff 27 Aug**

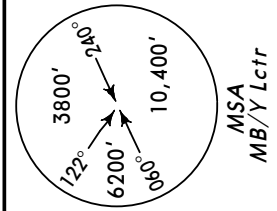
TARAZ, KAZAKHSTAN

STAR

Apt Elev
2185'

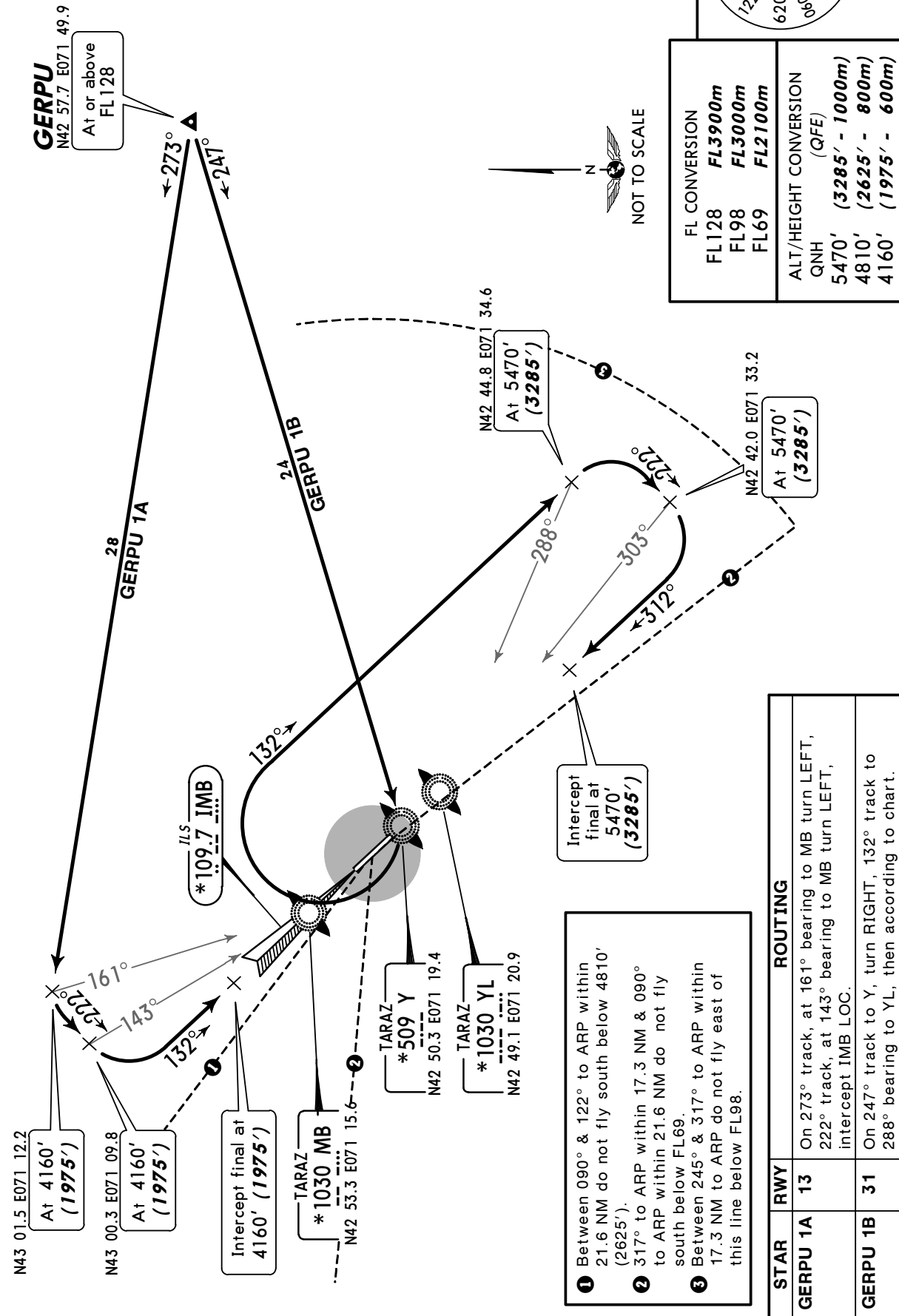
Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL69 Trans alt: 5470' **(3285')**

**GERPU 1A [GERP1A], GERPU 1B [GERP1B]
RWYS 13, 31 ARRIVALS
FOR STARS WITHOUT RADAR CONTROL
REFER TO CHART 10-2J**



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 **(10-2D)** Eff 27 Aug

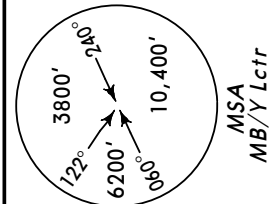
TARAZ, KAZAKHSTAN

STAR

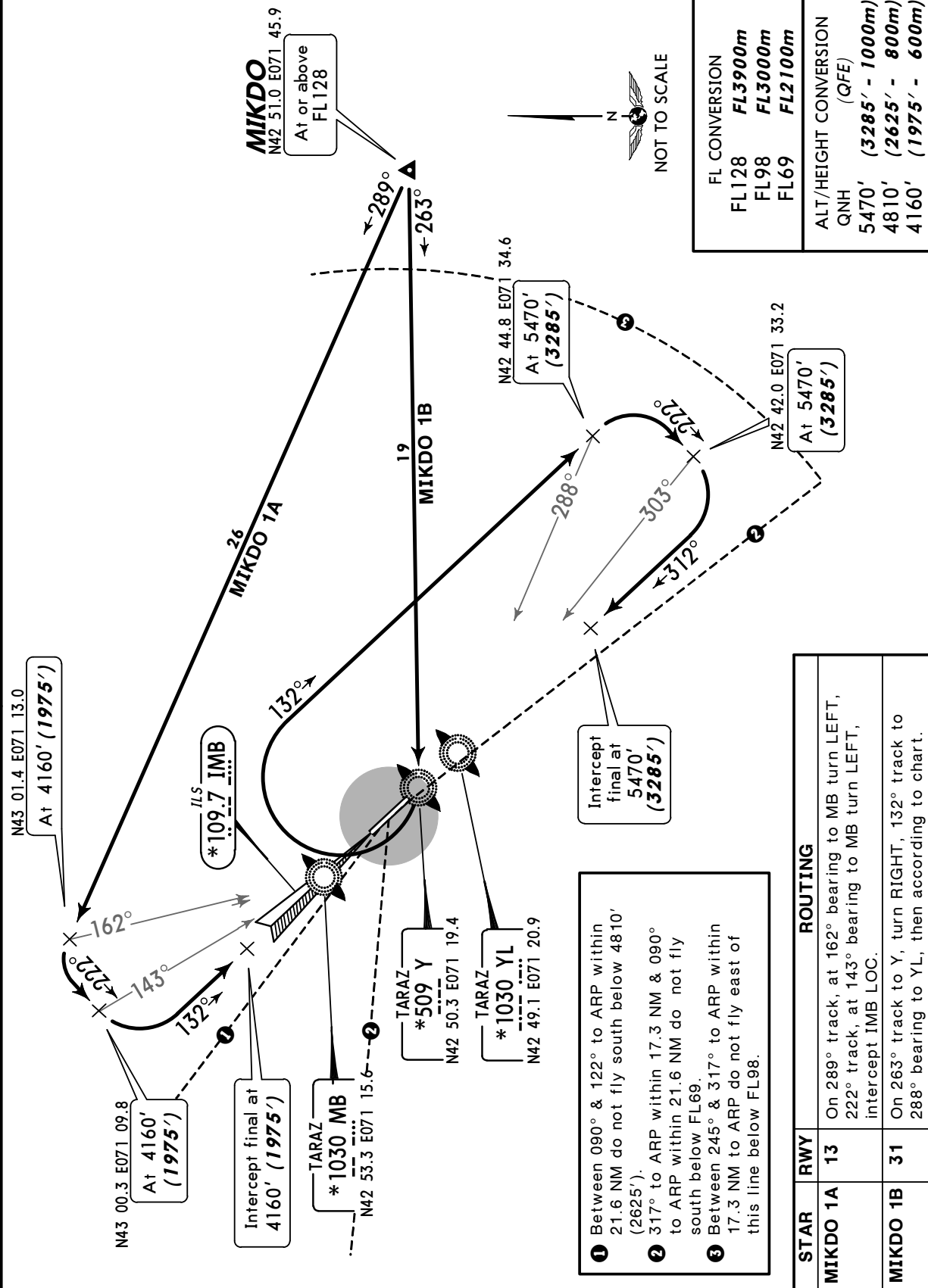
Apt Elev
2185'

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	QNH	(QFE)
	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
MIKDO 1A	13	On 289° track, at 162° bearing to MB turn LEFT, 222° track, at 143° bearing to MB turn LEFT, intercept IMB LOC.
MIKDO 1B	31	On 263° track to Y, turn RIGHT, 132° track to 288° bearing to YL, then according to chart.

UADD/DMB
AULIE-ATA

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

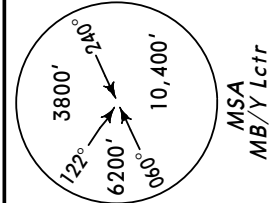
TARAZ, KAZAKHSTAN

STAR

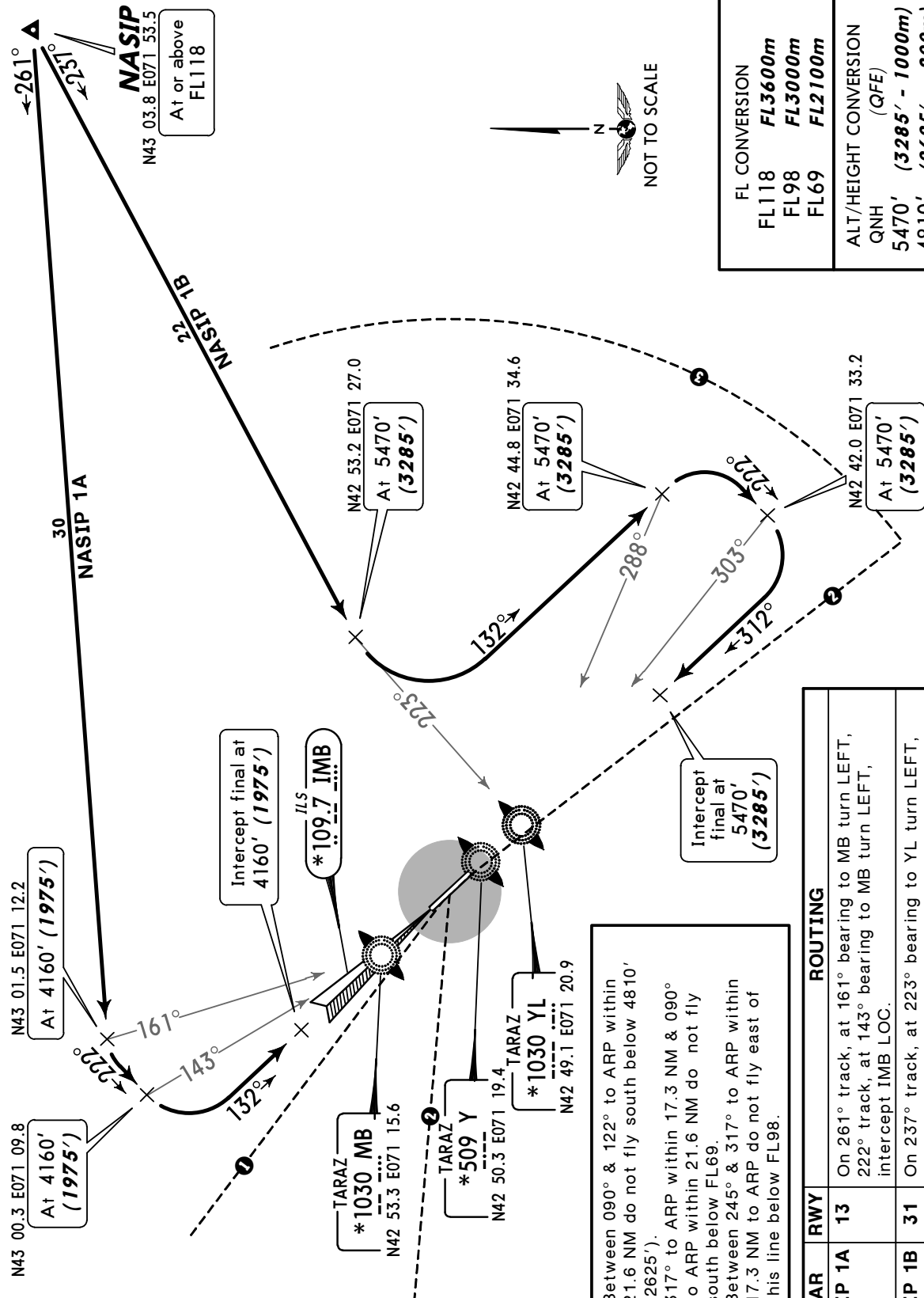
Apt Elev
2185'

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

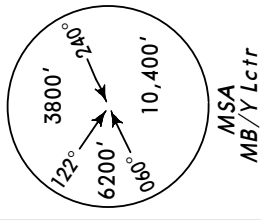
JEPPESSEN
14 AUG 09 **10-2F** Eff 27 Aug

TARAZ, KAZAKHSTAN

STAR

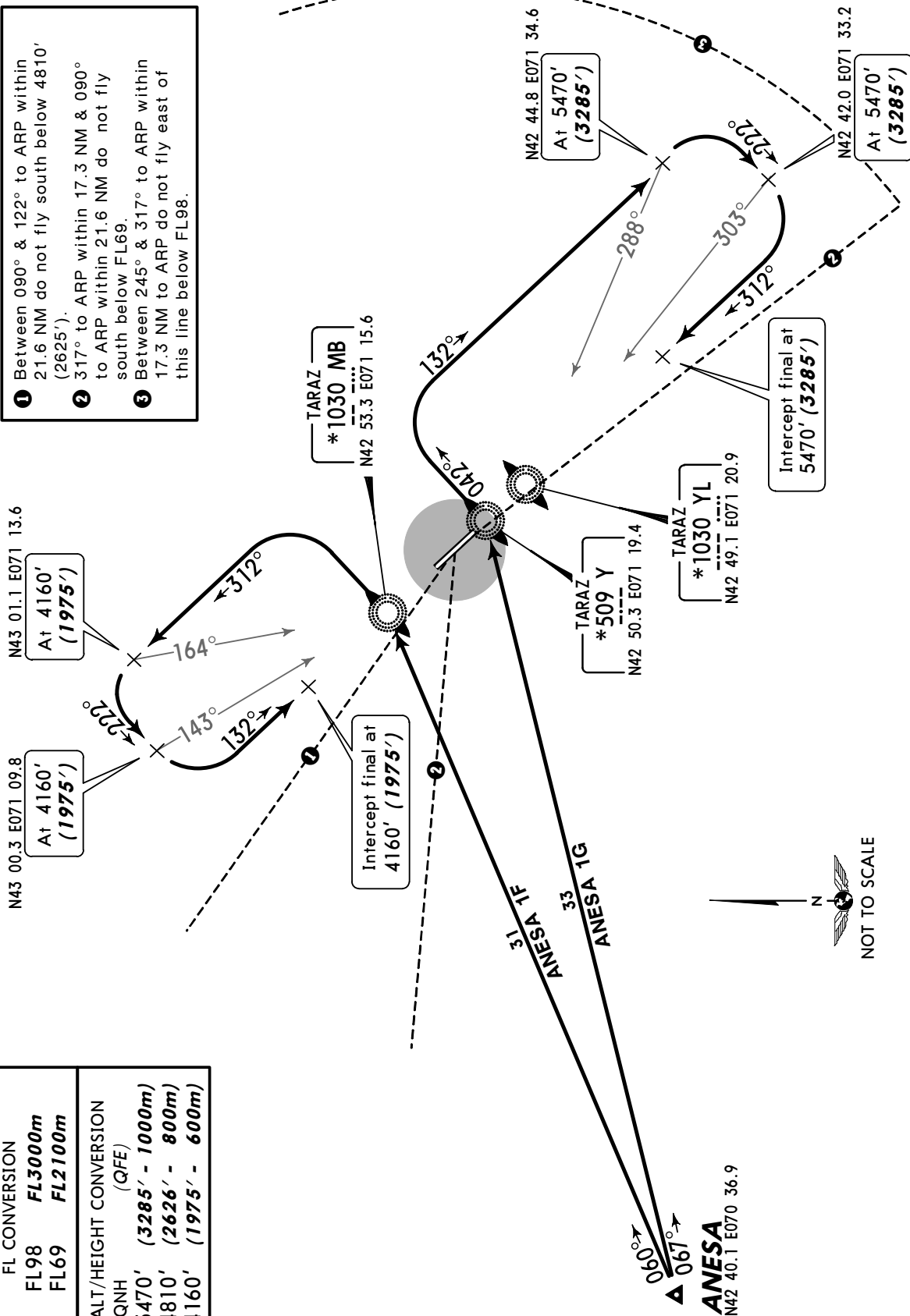
Apt Elev
2185'

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



ANESA 1F [ANES1F] ANESA 1G [ANES1G]
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' (2626' - 800m)
4160' (1975' - 600m)

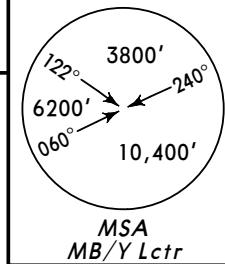
UADD/DMB
AULIE-ATA

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

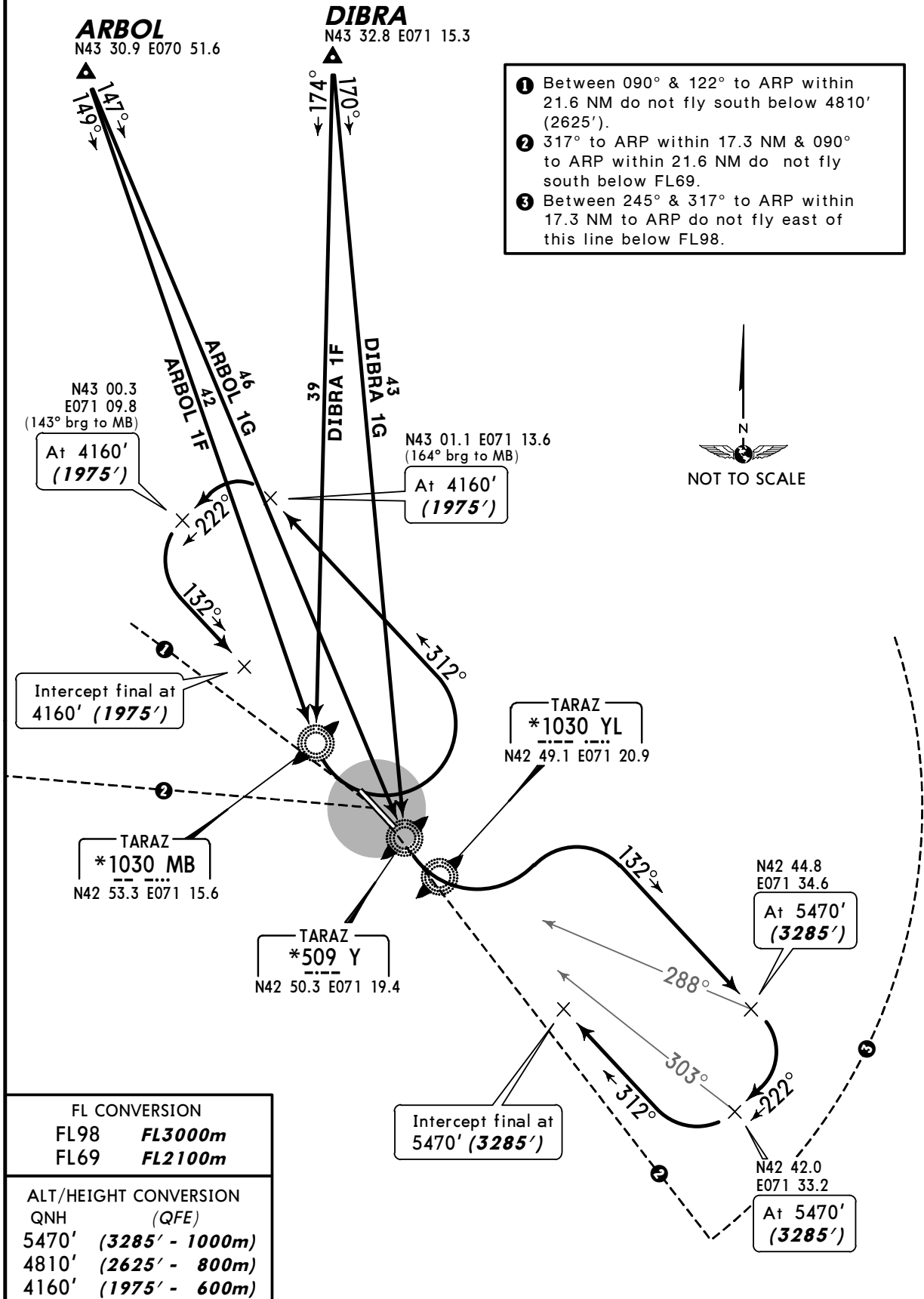
TARAZ, KAZAKHSTAN

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



UADD/DMB
AULIE-ATA

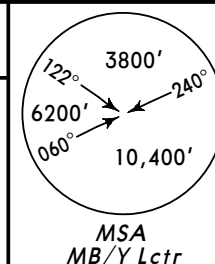
JEPPESSEN
14 AUG 09 **(10-2H)** Eff 27 Aug

TARAZ, KAZAKHSTAN

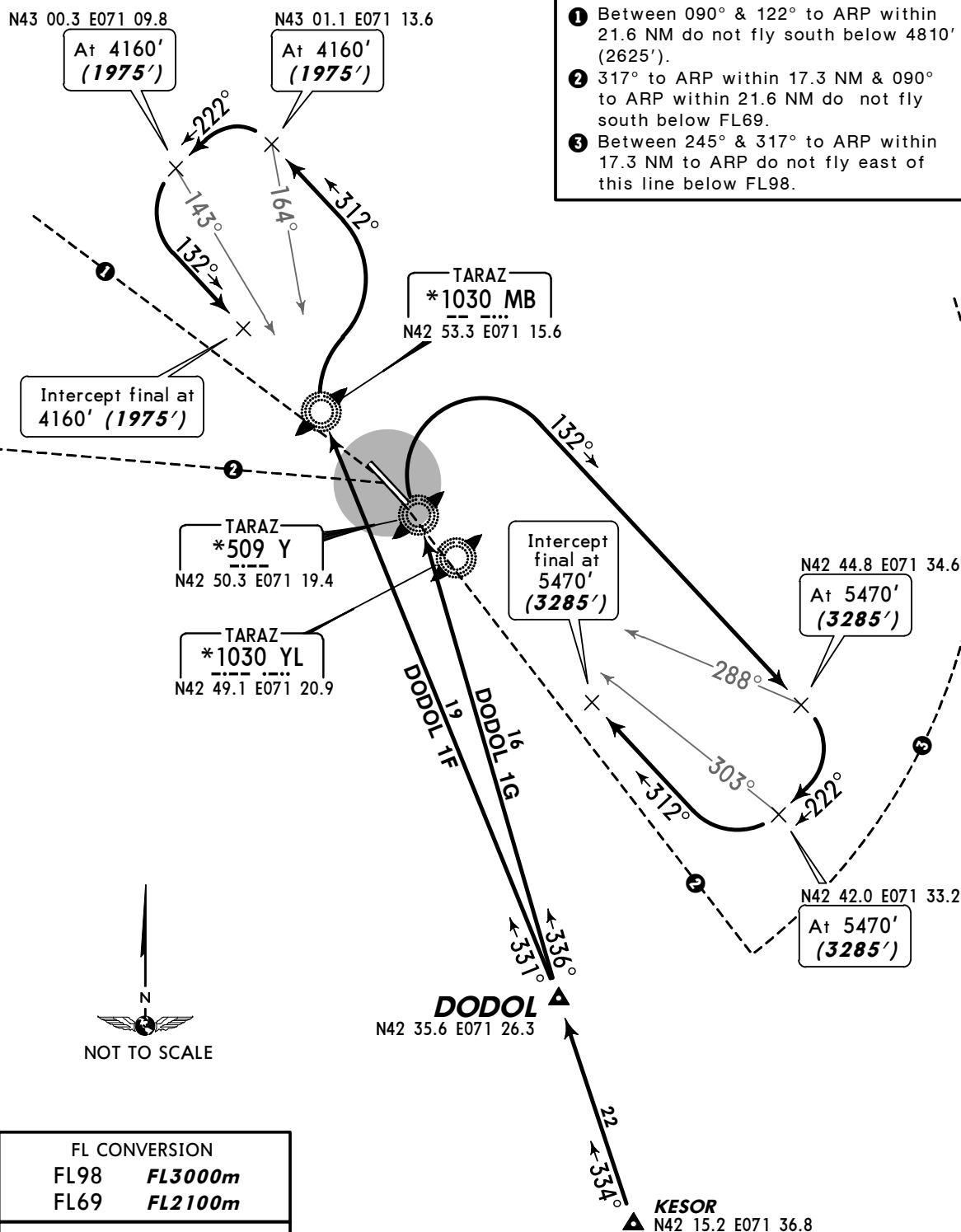
STAR

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

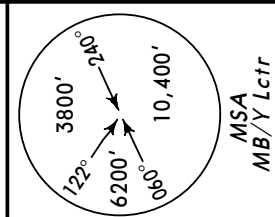
Apt Elev
2185'

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

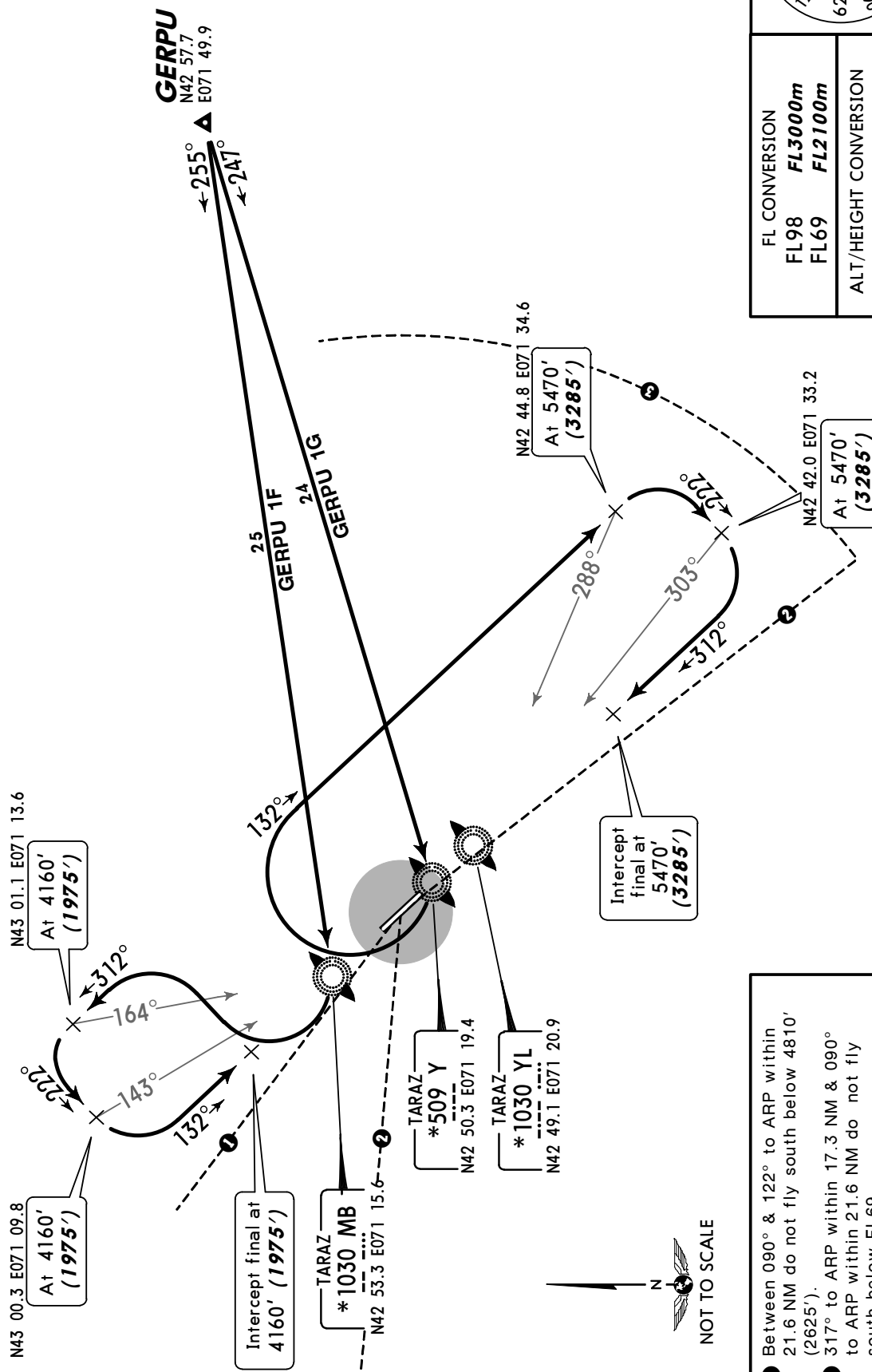
GERPU 1F [GERP1F]
RWY 13 ARRIVAL

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

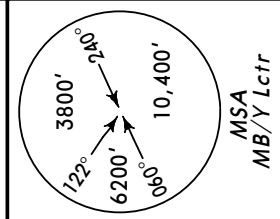
TARAZ, KAZAKHSTAN

STAR

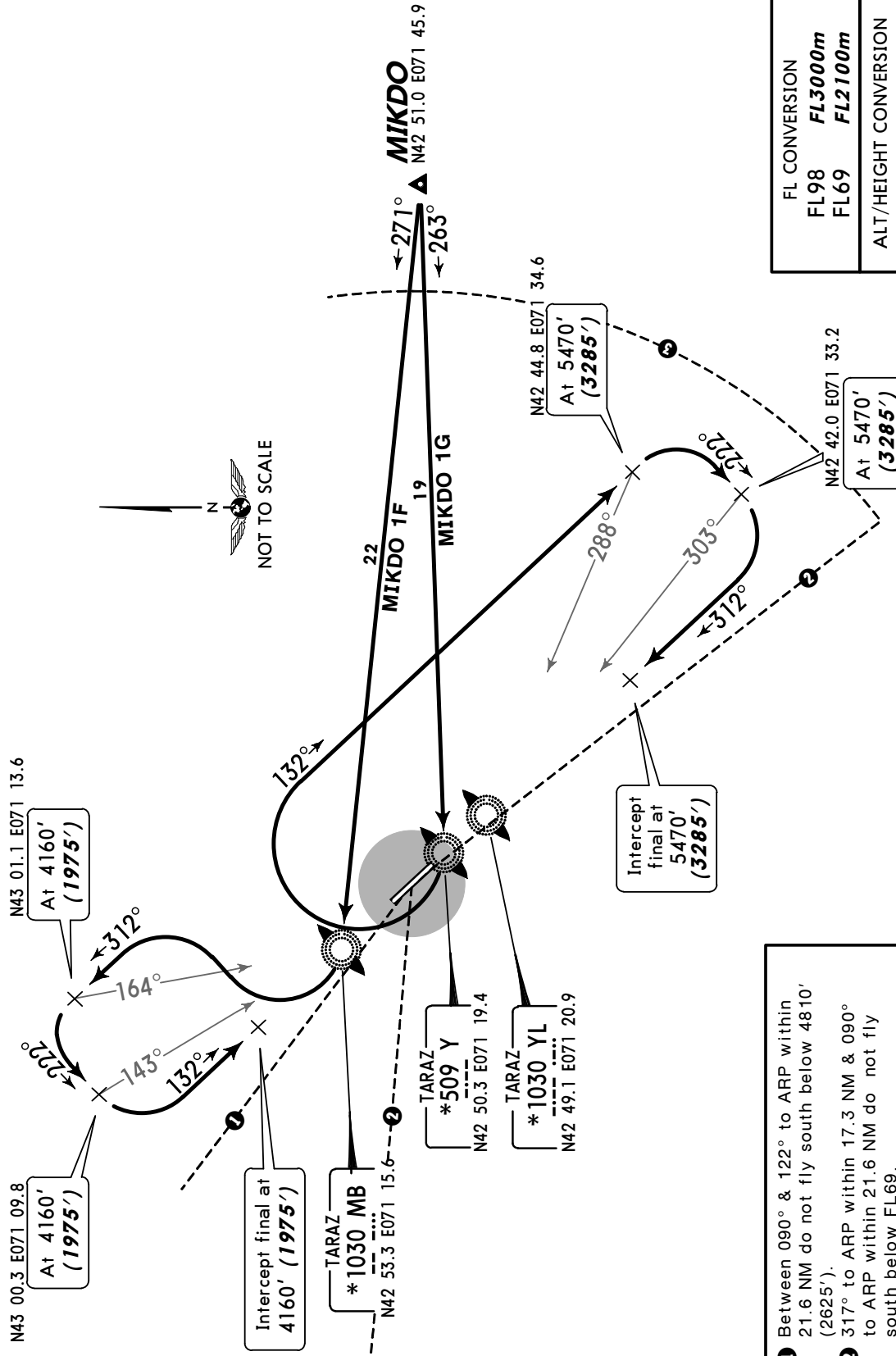
Apt Elev
2185'

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

MIKDO 1F [MIKD1F] **MIKDO 1G [MIKD1G]**
RWY 13 ARRIVAL **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

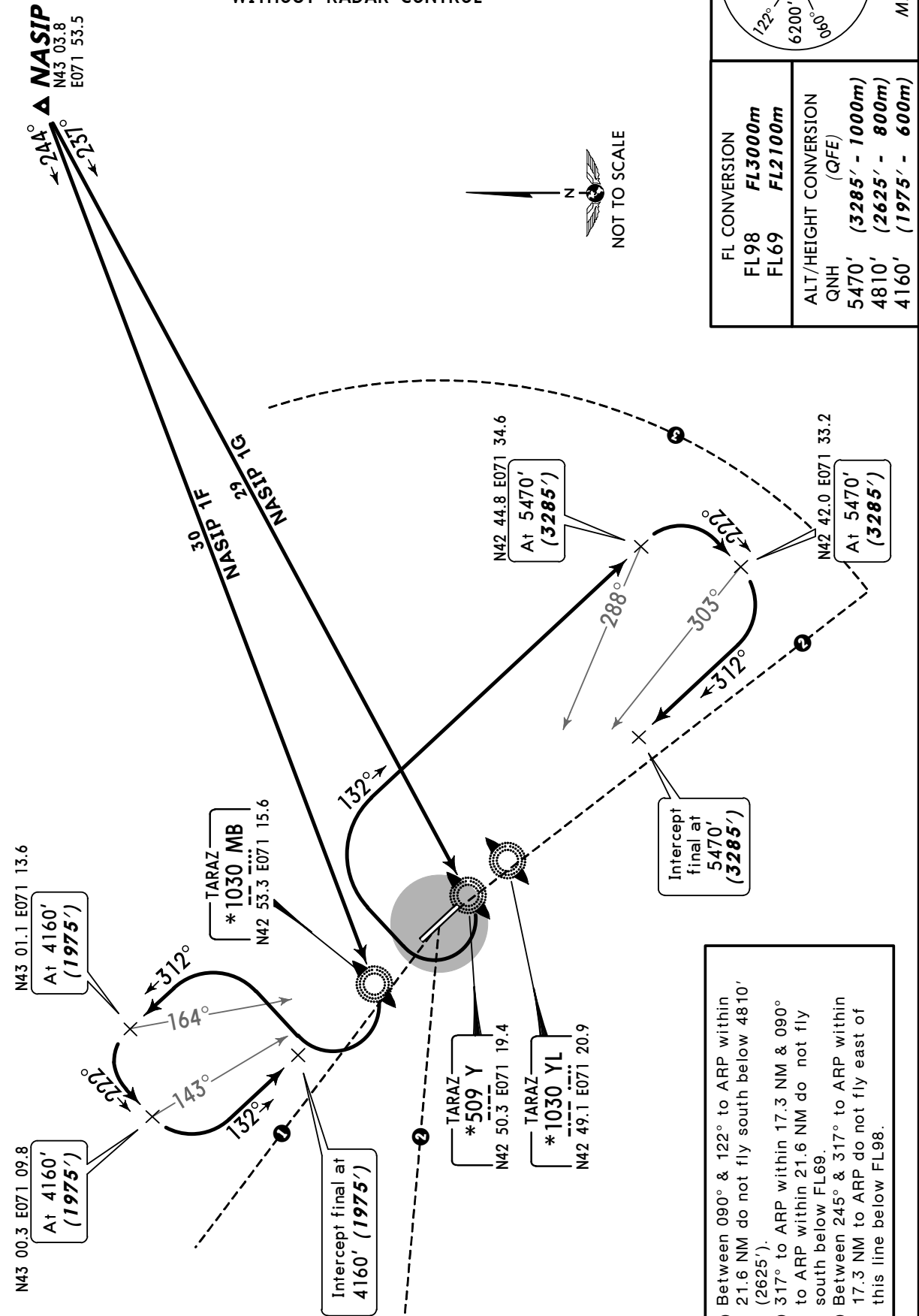
STAR

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



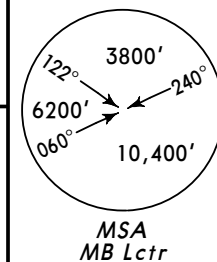
UADD/DMB
AULIE-ATA

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

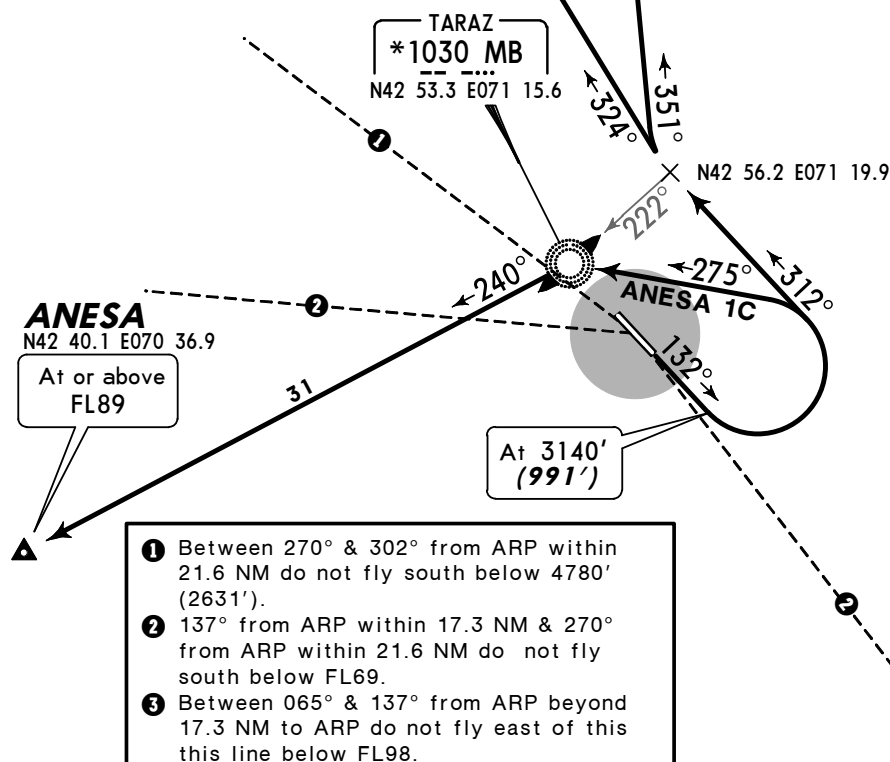
At or above
FL79



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

FL CONVERSION

FL69	FL2100m
FL79	FL2400m
FL89	FL2700m
FL98	FL3000m



ANESA
N42 40.1 E070 36.9
At or above
FL89

At 3140' **(991')**

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

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

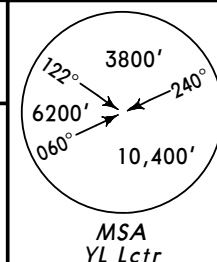
JEPPESEN
14 AUG 09 **(10-3A)** **Eff 27 Aug**

TARAZ, KAZAKHSTAN

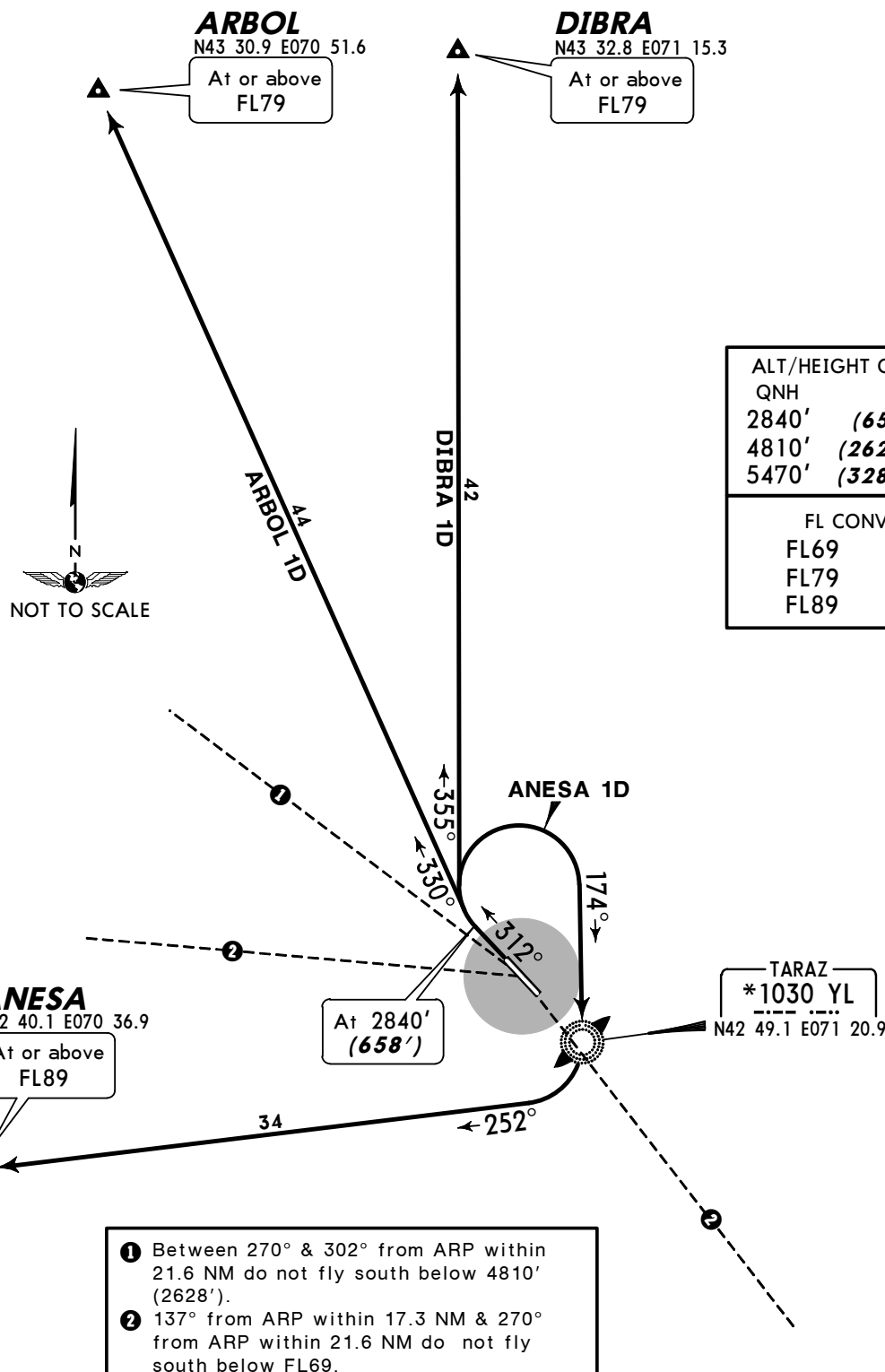
SID

Apt Elev
2185'

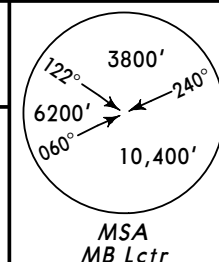
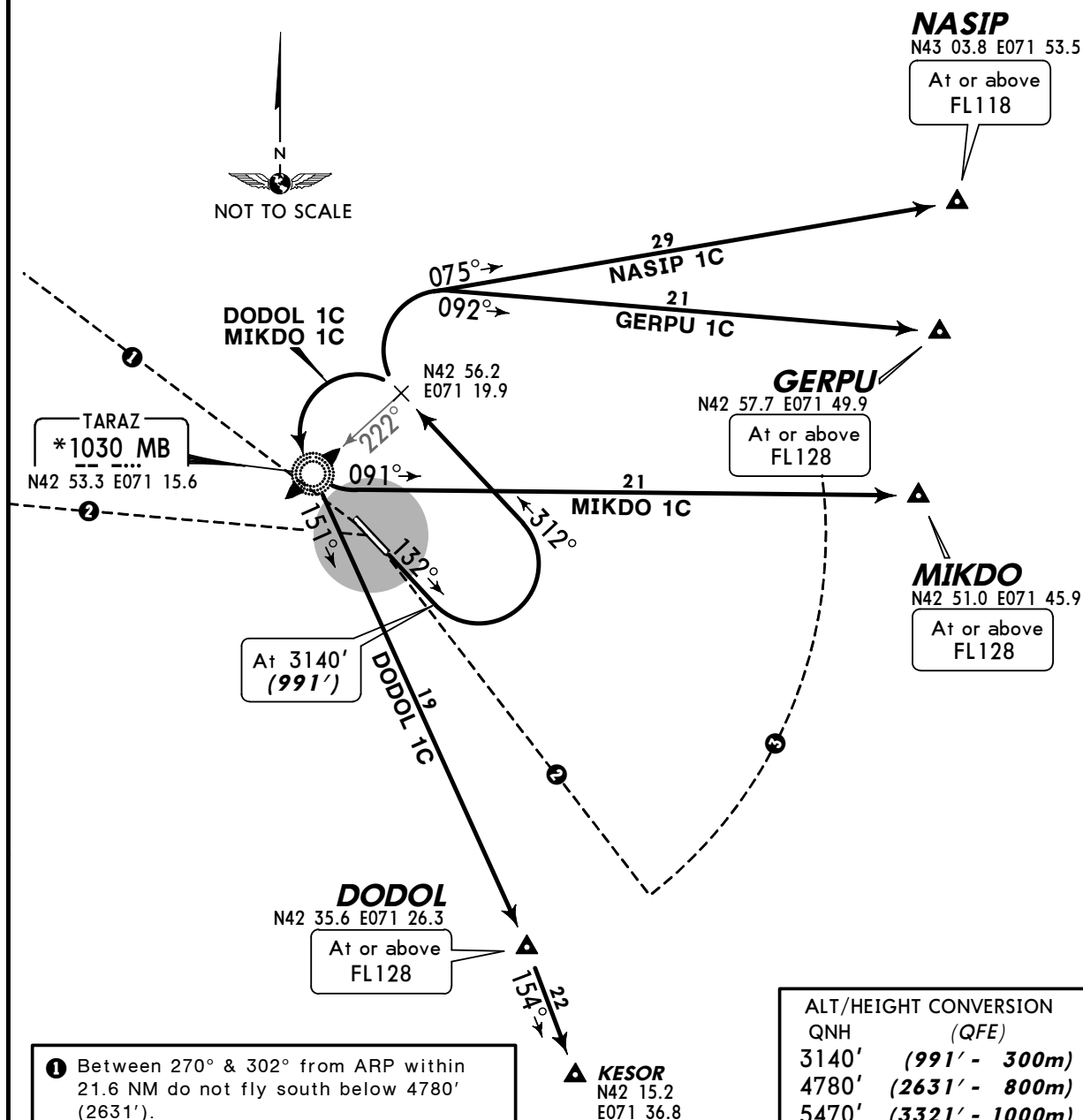
QNH on request **(QFE)**
Trans level: FL69 Trans alt: 5470' **(3288')**
Turn speed: MAX 215 KT.



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



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**JEPPESSEN**
14 AUG 09 **(10-3B)****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.**DODOL 1C [DODO1C], GERPU 1C [GERP1C]**
MIKDO 1C [MIKD1C], NASIP 1C [NASI1C]
RWY 13 DEPARTURES

- 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)**

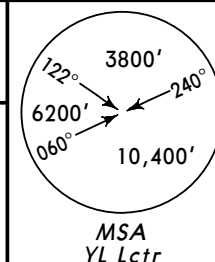
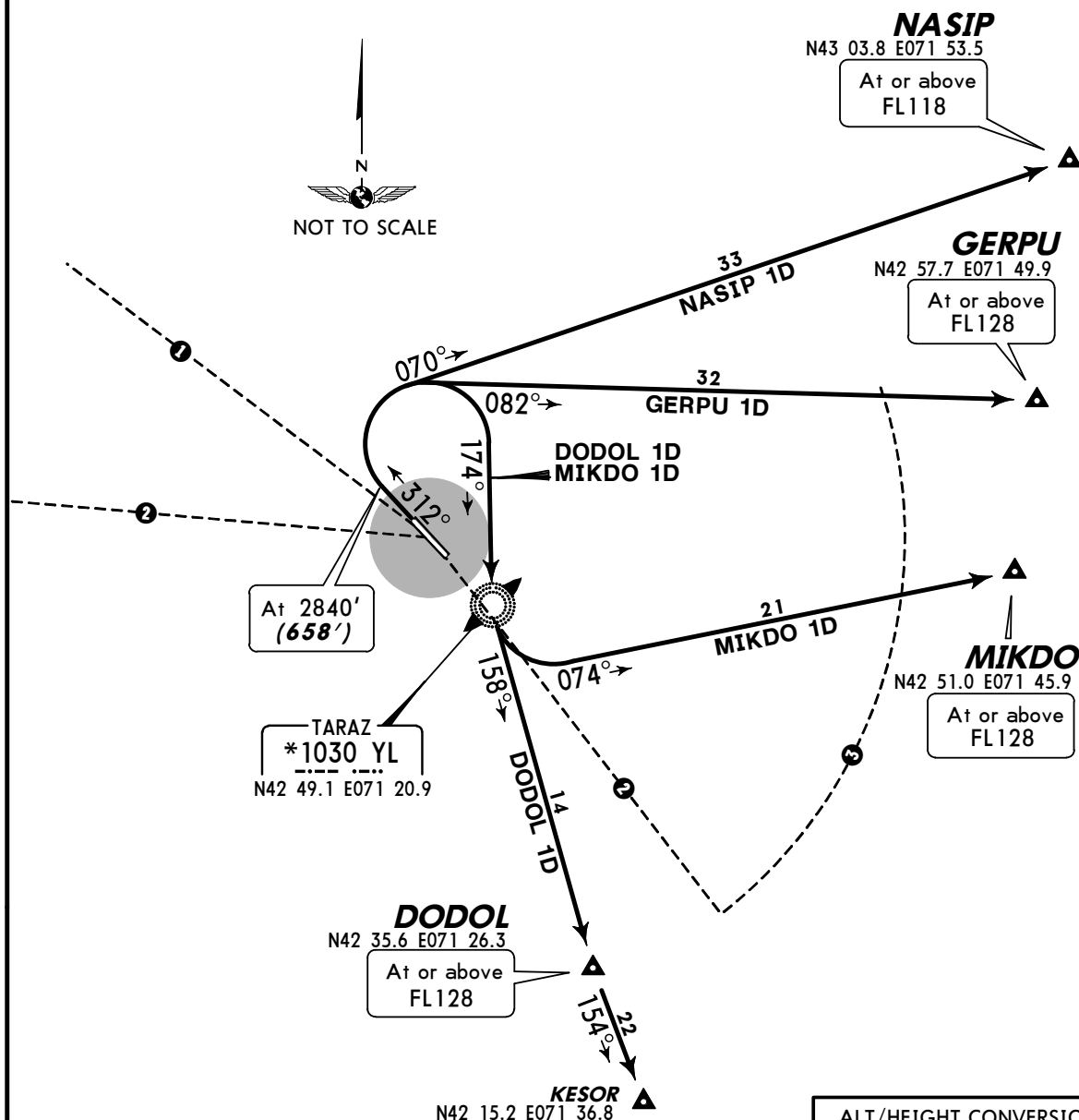
FL CONVERSION
FL69 **FL2100m**
FL98 **FL3000m**
FL118 **FL3600m**
FL128 **FL3900m**

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-ATAJEPPesen
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.

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

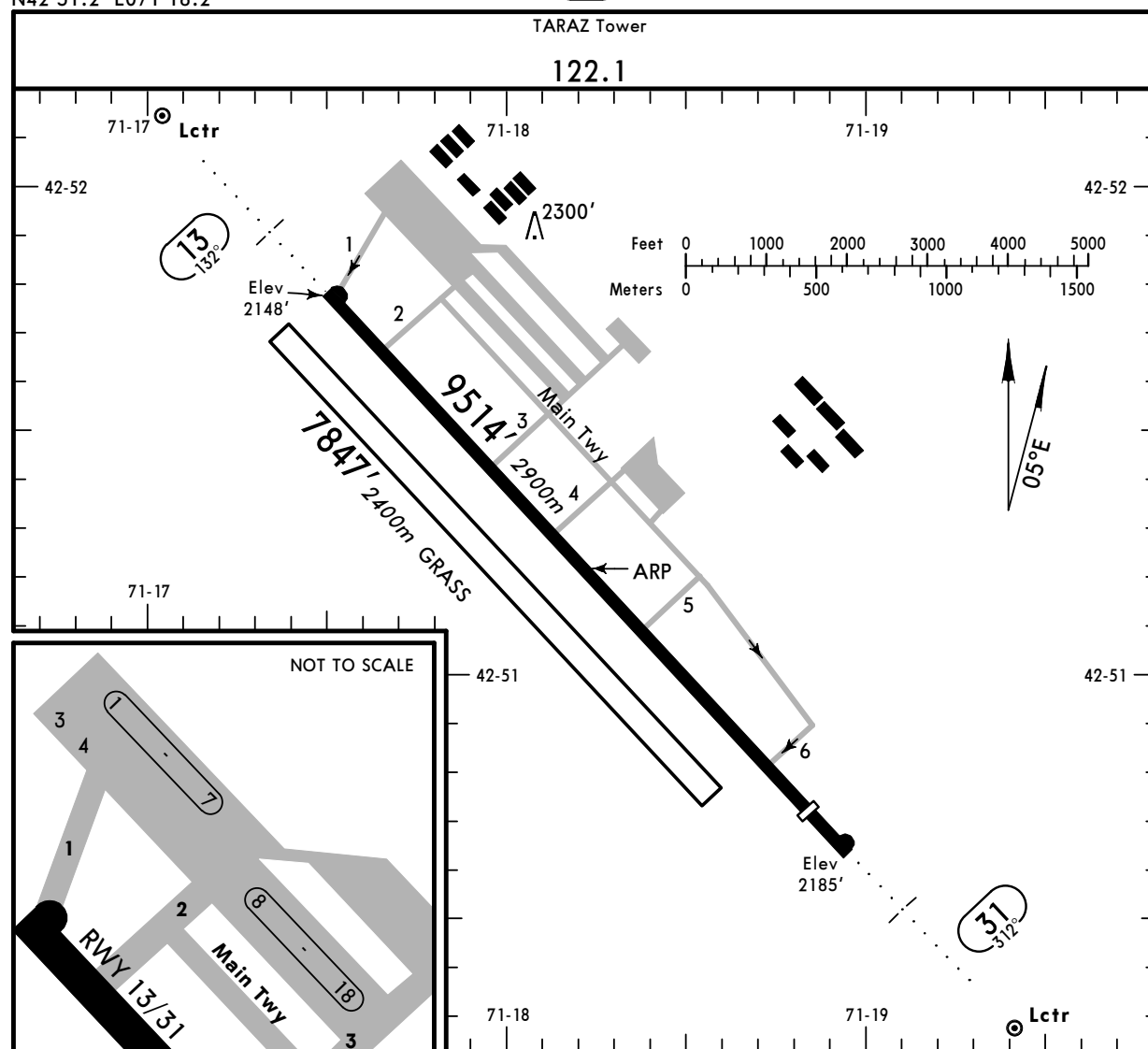
Apt Elev **2184'**
N42 51.2 E071 18.2

JEPPESEN

31 OCT 08 (10-9)

TARAZ, KAZAKHSTAN

AULIE-ATA



ADDITIONAL RUNWAY INFORMATION

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

TAKE-OFF

AIR CARRIER (JAA)
All Rwys

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

1 LVP must be in force: 300m.

UADD/DMB
AULIE-ATA

JEPPesen
3 APR 09 **11-1** Eff 9 Apr

TARAZ, KAZAKHSTAN
ILS or 2 NDB Rwy 13

BRIEFING STRIP

TARAZ Approach

122.1

LOC
IMB
*109.7

NDB
MB
*1030

Final
Apch Crs
132°

GS
LOM
2772' (624')

Minimum Alt
LOM
2780' (632')

ILS
DA(H)
Refer to
Minimums

NDB
MDA(H)
2550' (402')

Apt Elev 2184'

RWY 2148'

120°

3800'

240°

6200'

060°

10,400'

MSA

ARP

MISSED APCH: Climb on 132° to 3140' (992'), then turn LEFT onto 312° climbing to 4120' (1972'), then according to chart.

Alt Set: MM (hPa on req)

QNH on req (QFE)

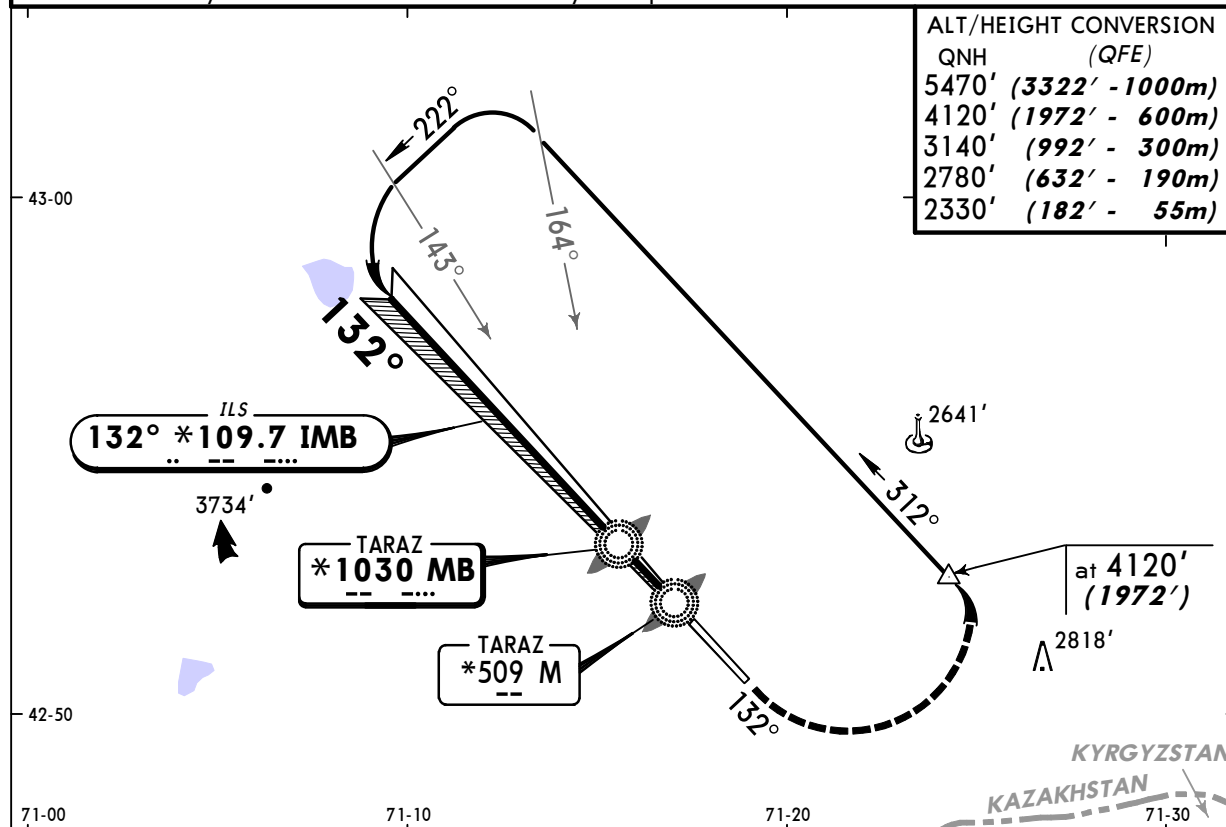
Trans level: FL 69

WARNING: Heavy turbulence with downdrafts may be expected on final.

Trans alt: 5470' (3322')

TARAZ Tower

122.1



Gnd speed-Kts	70	90	100	120	140	160	ALS	3140' (992') on 132°	312° LT	4120' (1972')
ILS GS 2.67° or NDB Desc Grad 4.7%	336	432	480	576	671	767				

DA(H)	ILS	LOC	NDB
AB: 2348' (200') CD: 2378' (230')	GS out	MDA(H)	2550' (402')
FULL	ALS out		ALS out

A	1200m	NOT AUTH	VIS 1800m	
B				
C				
D				

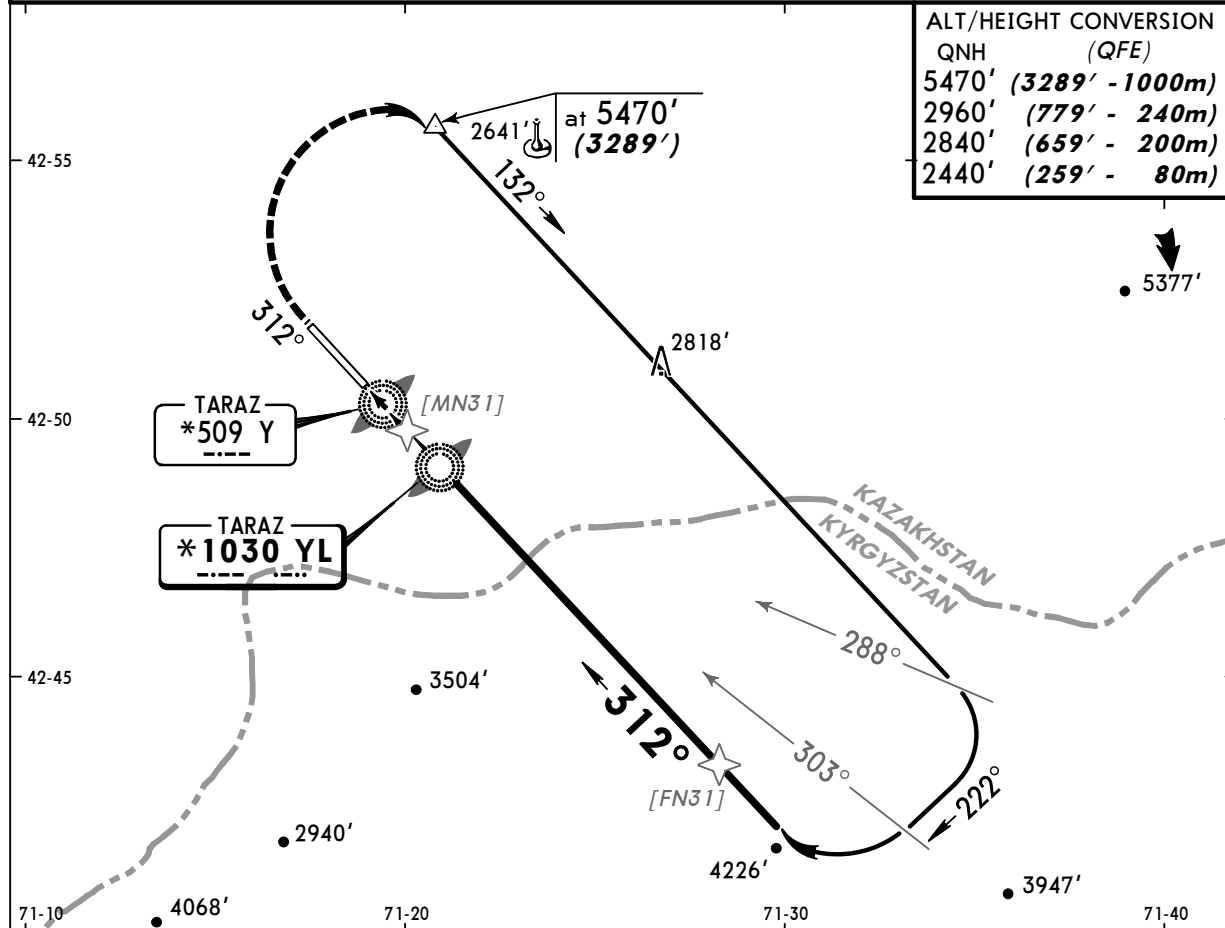
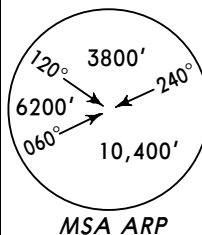
UADD/DMB
AULIE-ATA

JEPPESSEN
3 APR 09 **(16-1)** **Eff 9 Apr**

TARAZ, KAZAKHSTAN
2 NDB Rwy 31

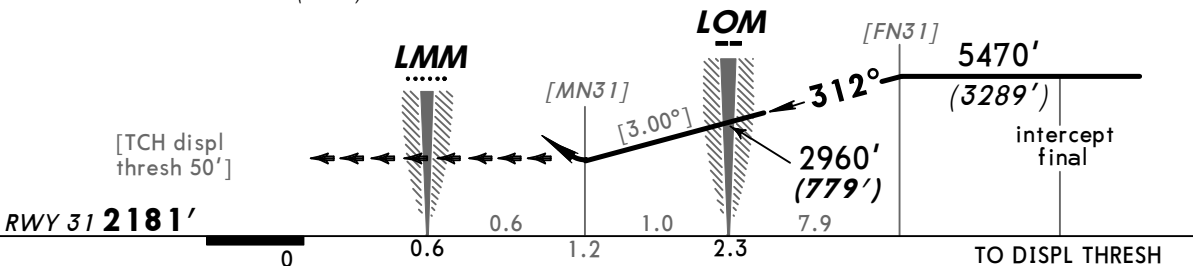
BRIEFING STRIP

TARAZ Approach				TARAZ Tower	
122.1				122.1	
NDB YL *1030	Final Apch Crs 312°	Minimum Alt LOM 2960' (779')	MDA(H) 2650' (469')	Apt Elev 2184' RWY 2181'	
MISSED APCH: Climb on 312° to 2840' (659'), then turn RIGHT onto 132° climbing to 5470' (3289'), then according to chart.					MSA ARP
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 69 Trans alt: 5470' (3289')					
WARNING: Heavy turbulence with downdrafts may be expected on base leg and final.					



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5470'	(3289' - 1000m)
2960'	(779' - 240m)
2840'	(659' - 200m)
2440'	(259' - 80m)

Pass LMM not below 2440' (259').



Gnd speed-Kts	70	90	100	120	140	160	ALS	2840' (659') on 312°	132° RT	5470' (3289')
Descent grad 5.24% or Descent angle [3.00°]	372	478	531	637	743	849				

PANS OPS

STRAIGHT-IN LANDING RWY 31	
MDA(H) 2650' (469')	
ALS out	
A	VIS 1800m
B	
C	VIS 2000m
D	