

Page 1

Changed chart(s) since Disc 16-2010

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 16-2010

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 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

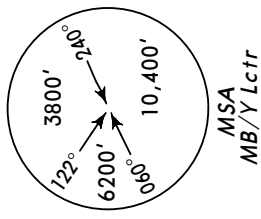
JEPPESSEN
14 AUG 09 **10-2** Eff 27 Aug

TARAZ, KAZAKHSTAN

STAR

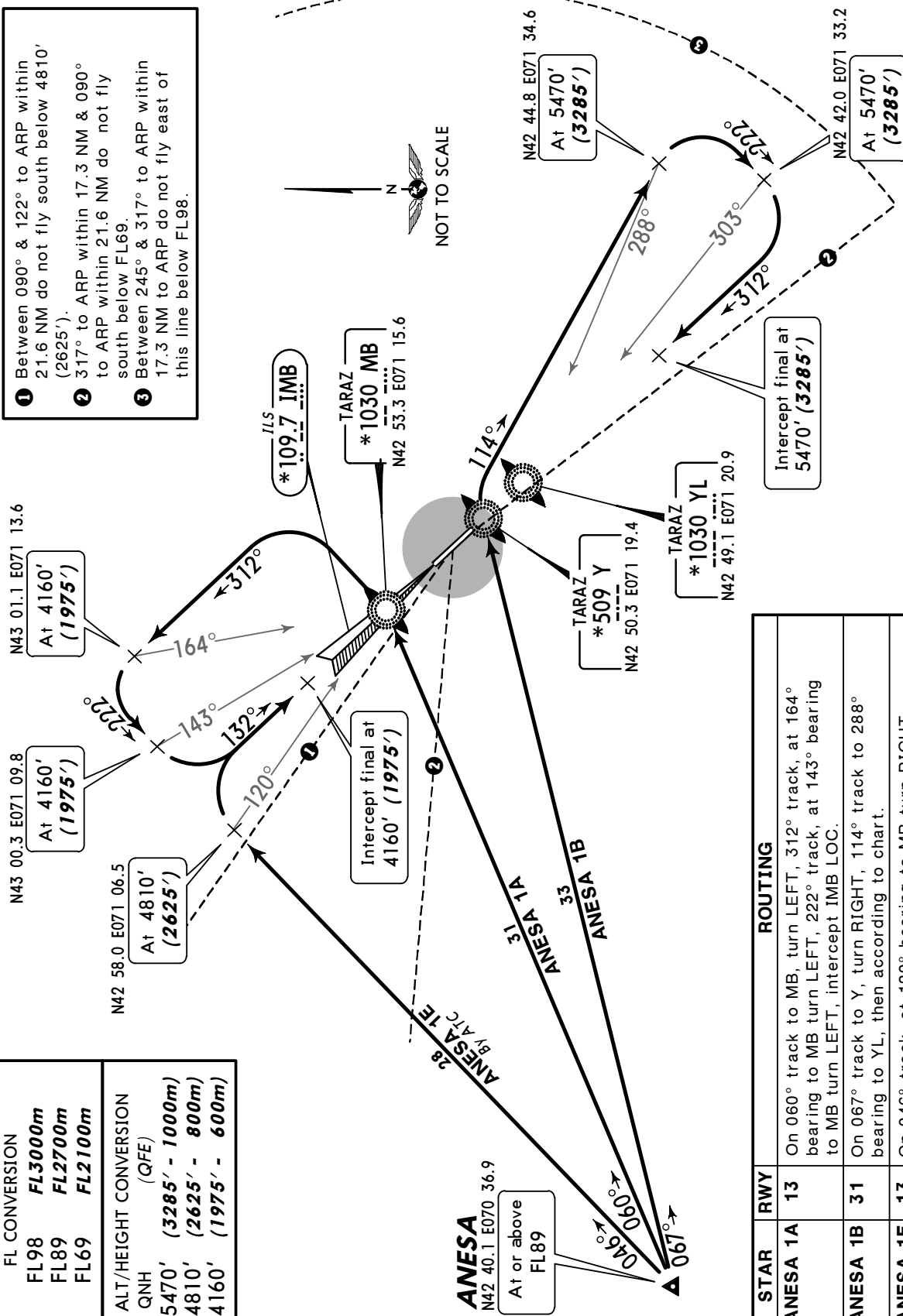
Apt Elev
2185'

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

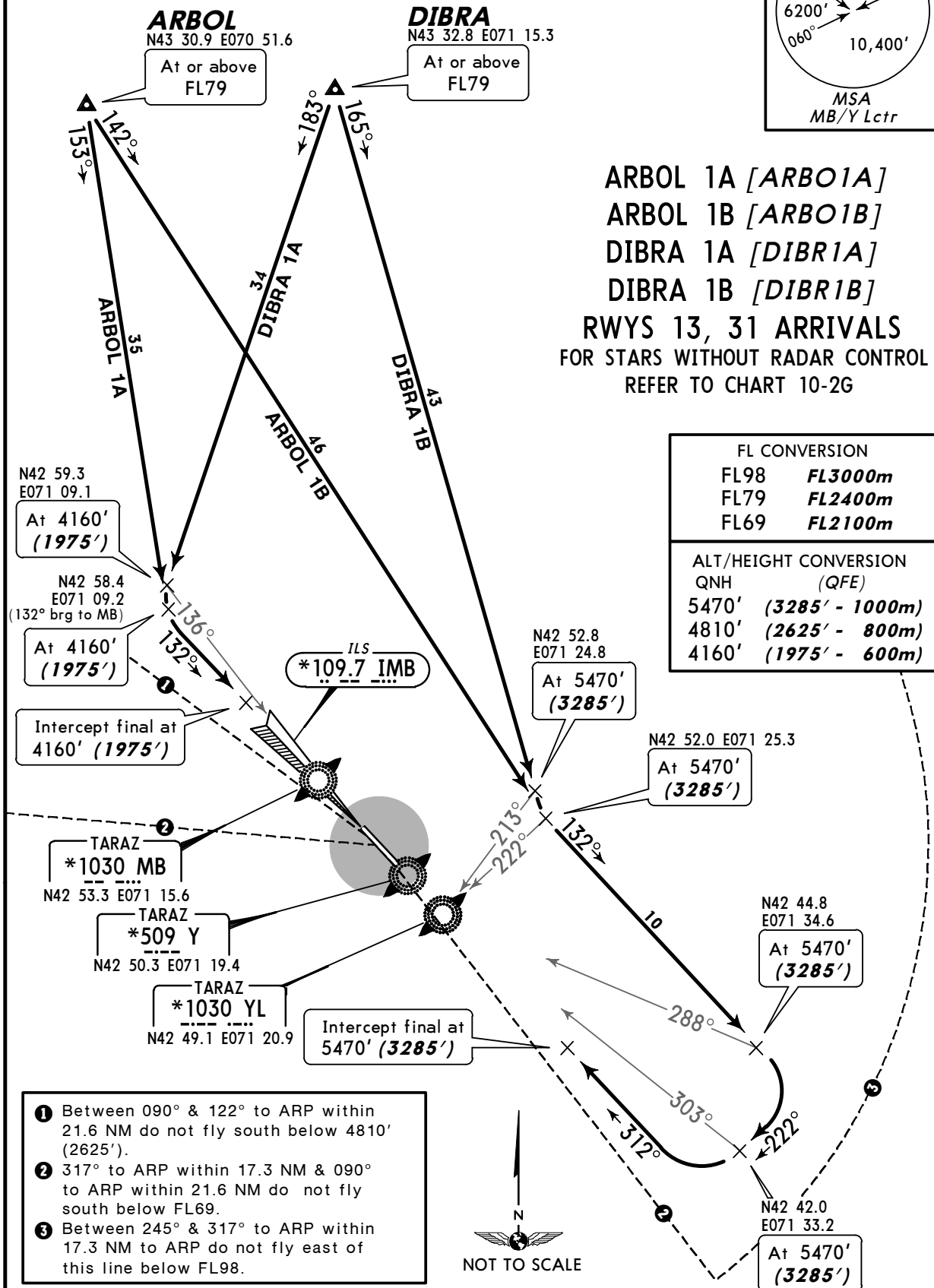
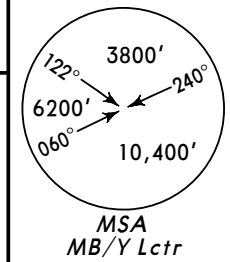
ANESA 1A	13	On 060° track to MB, turn LEFT, 312° track, at 164° bearing to MB turn LEFT, 222° track, at 143° bearing to MB turn LEFT, intercept IMB LOC.
ANESA 1B	31	On 067° track to Y, turn RIGHT, 114° track to 288° bearing to YL, then according to chart.
ANESA 1E By ATC	13	On 046° track, at 120° bearing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

UADD/DMB
AULIE-ATAJEPPESSEN
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.

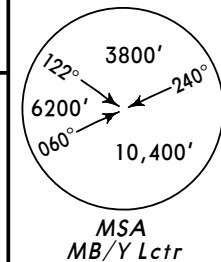
UADD/DMB
AULIE-ATA

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

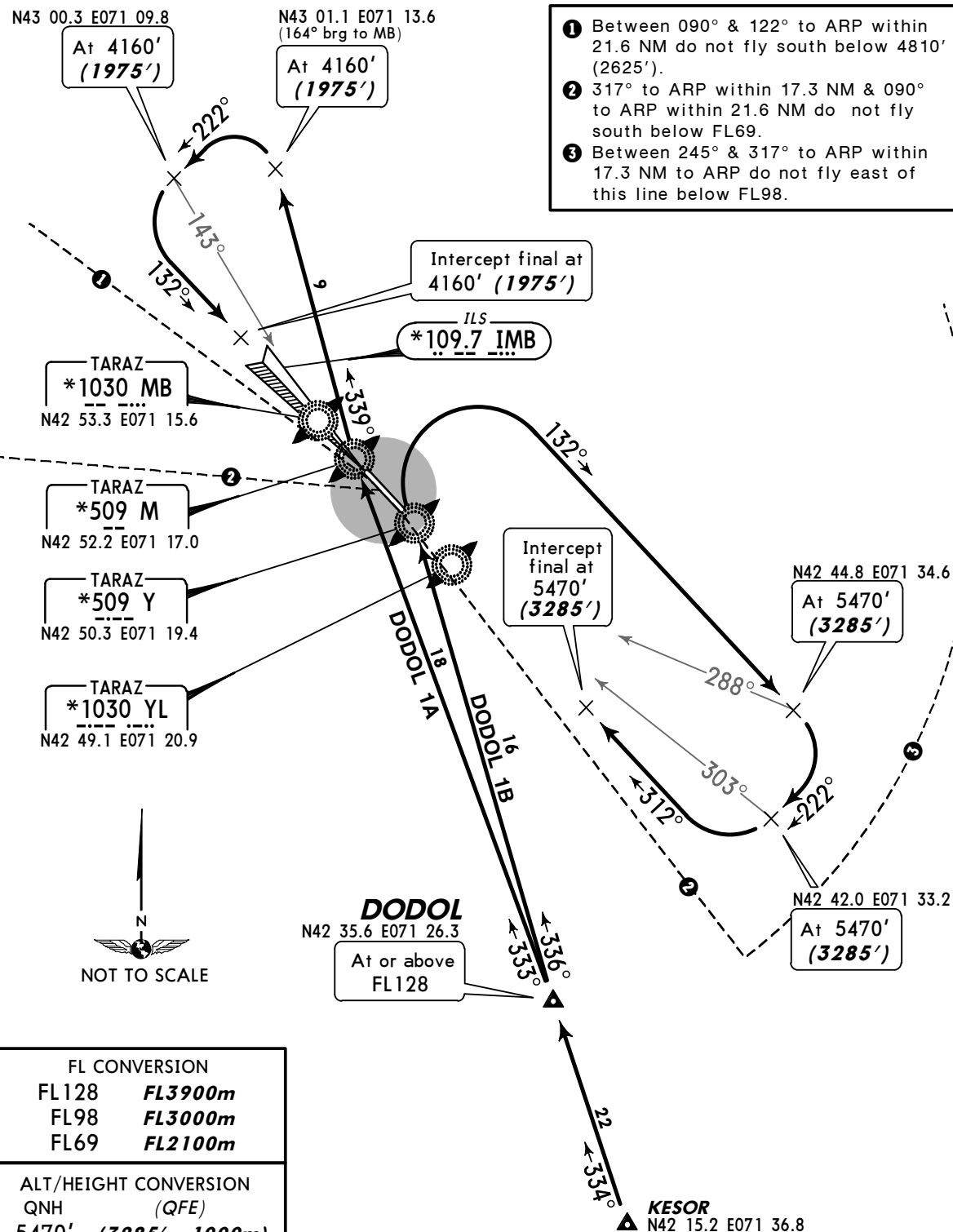
TARAZ, KAZAKHSTAN

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



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

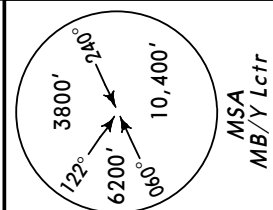
TARAZ, KAZAKHSTAN

STAR

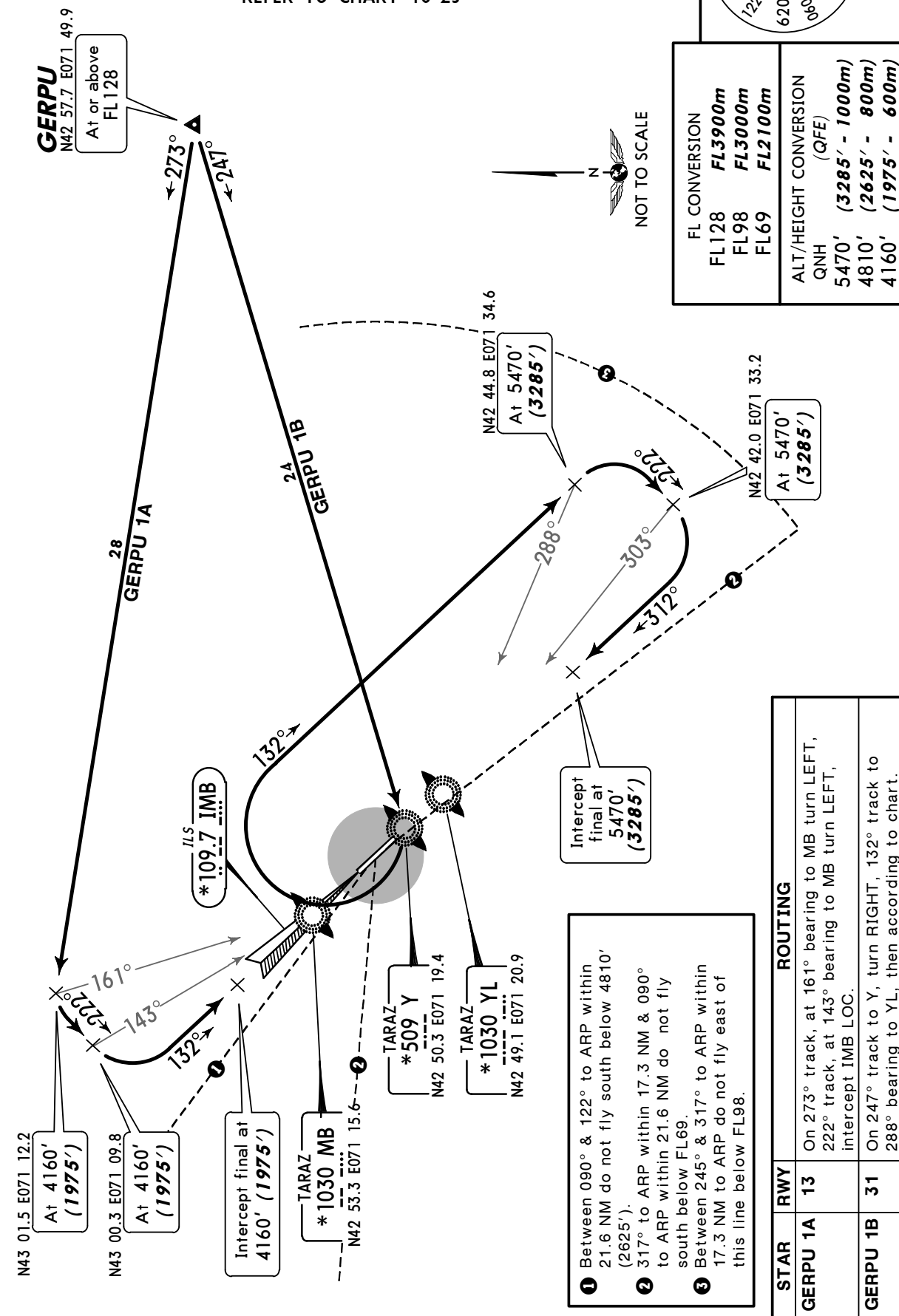
Apt Elev
2185'

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	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
GERPU 1A	13	On 273° track, at 161° bearing to MB turn LEFT, 222° track, at 143° bearing to MB turn LEFT, intercept IMB LOC.
GERPU 1B	31	On 247° 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

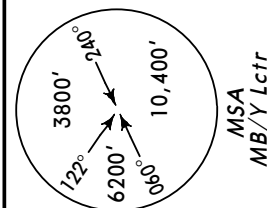
TARAZ, KAZAKHSTAN

STAR

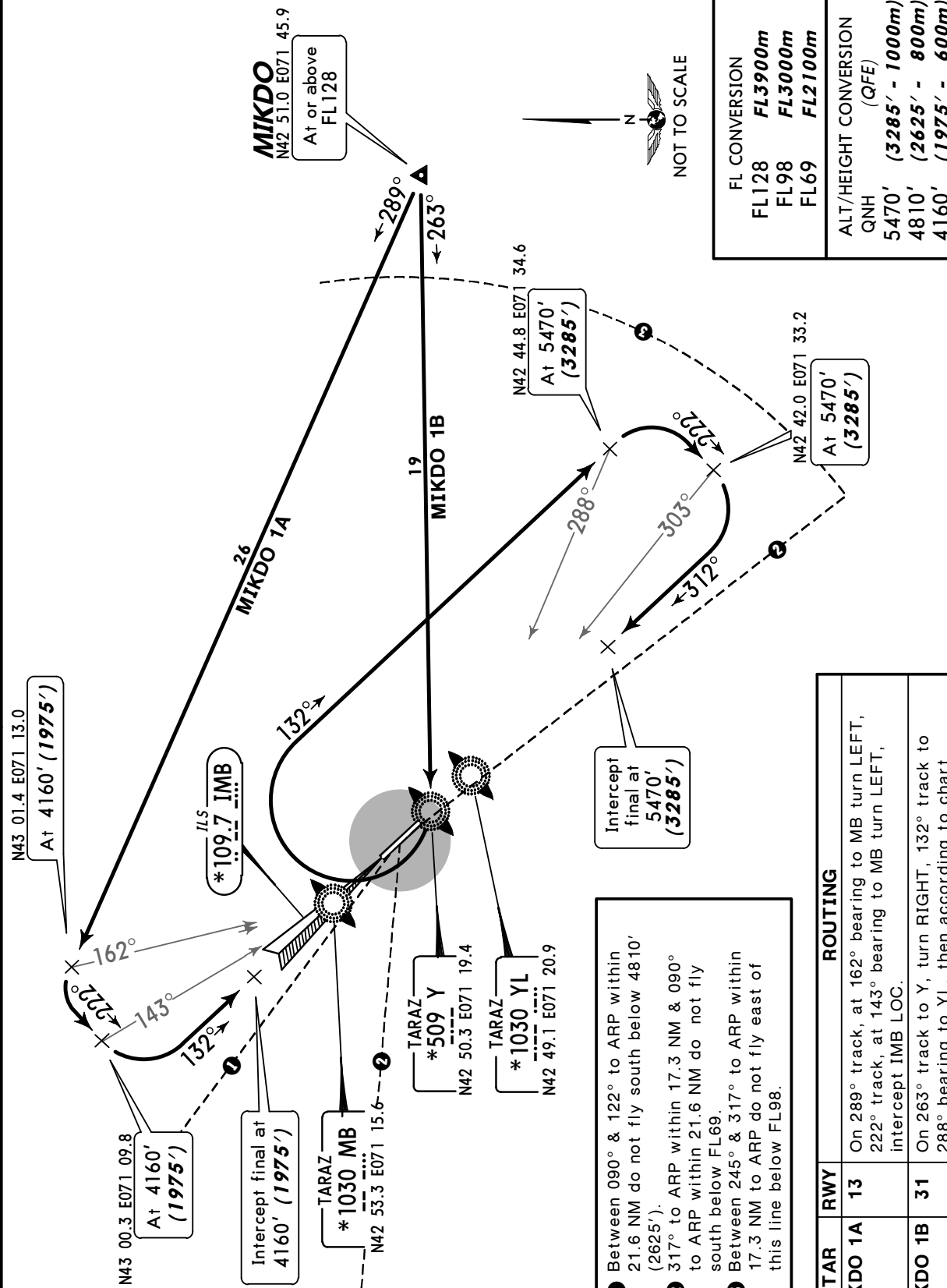
Apt Elev
2185'

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



UADD/DMB
AULIE-ATA

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

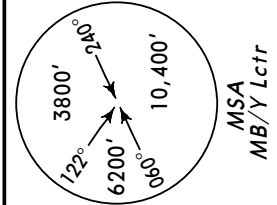
TARAZ, KAZAKHSTAN

STAR

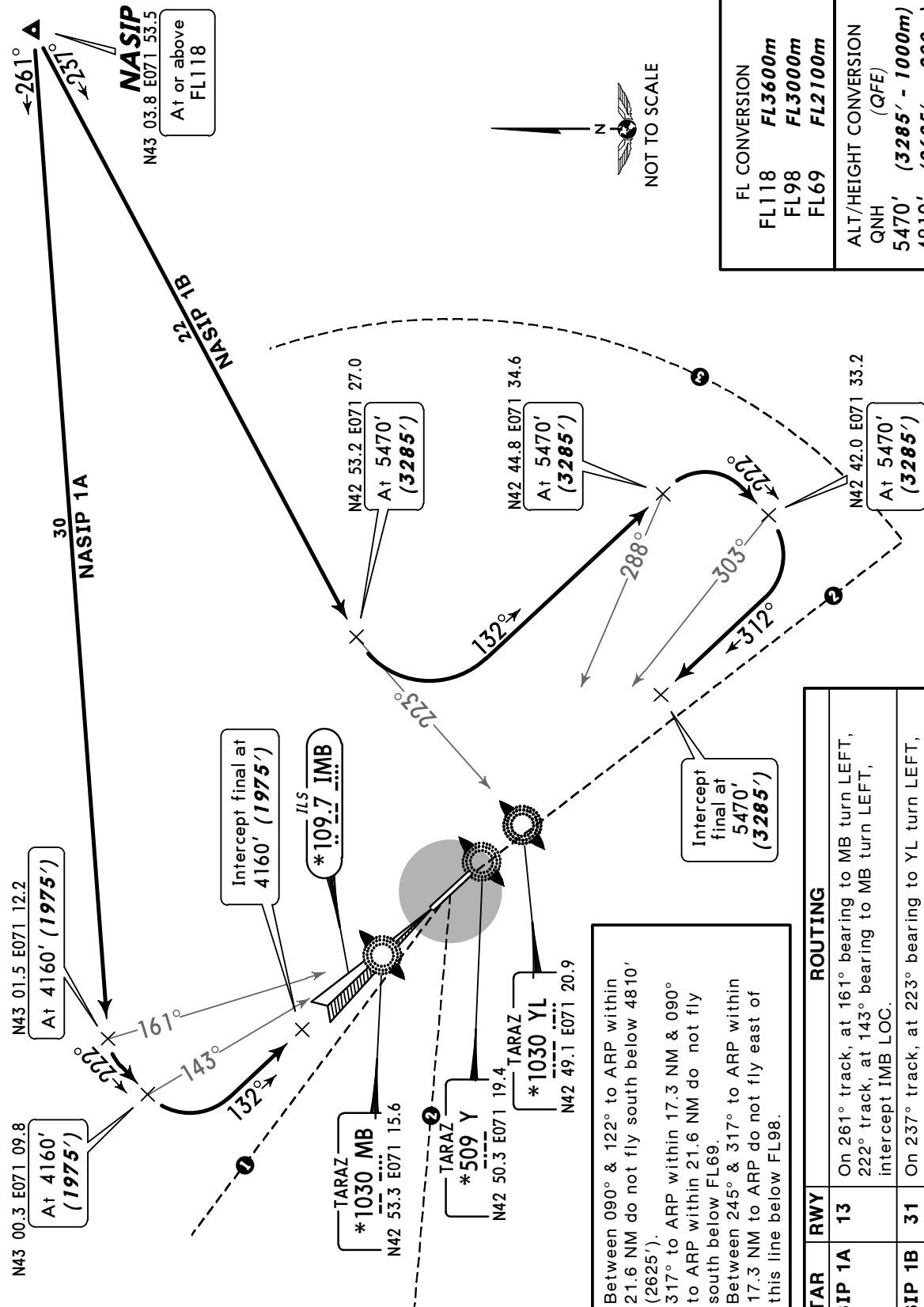
Apt Elev
2185'

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	(3285' - 1000m)
		5470' (2625' - 800m)
		4160' (1975' - 600m)



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**

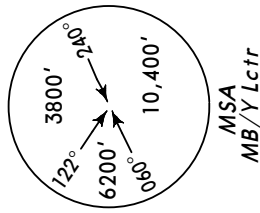
JEPPESEN
14 AUG 09 **(10-2F)** **Eff 27 Aug**

TARAZ, KAZAKHSTAN

STAR

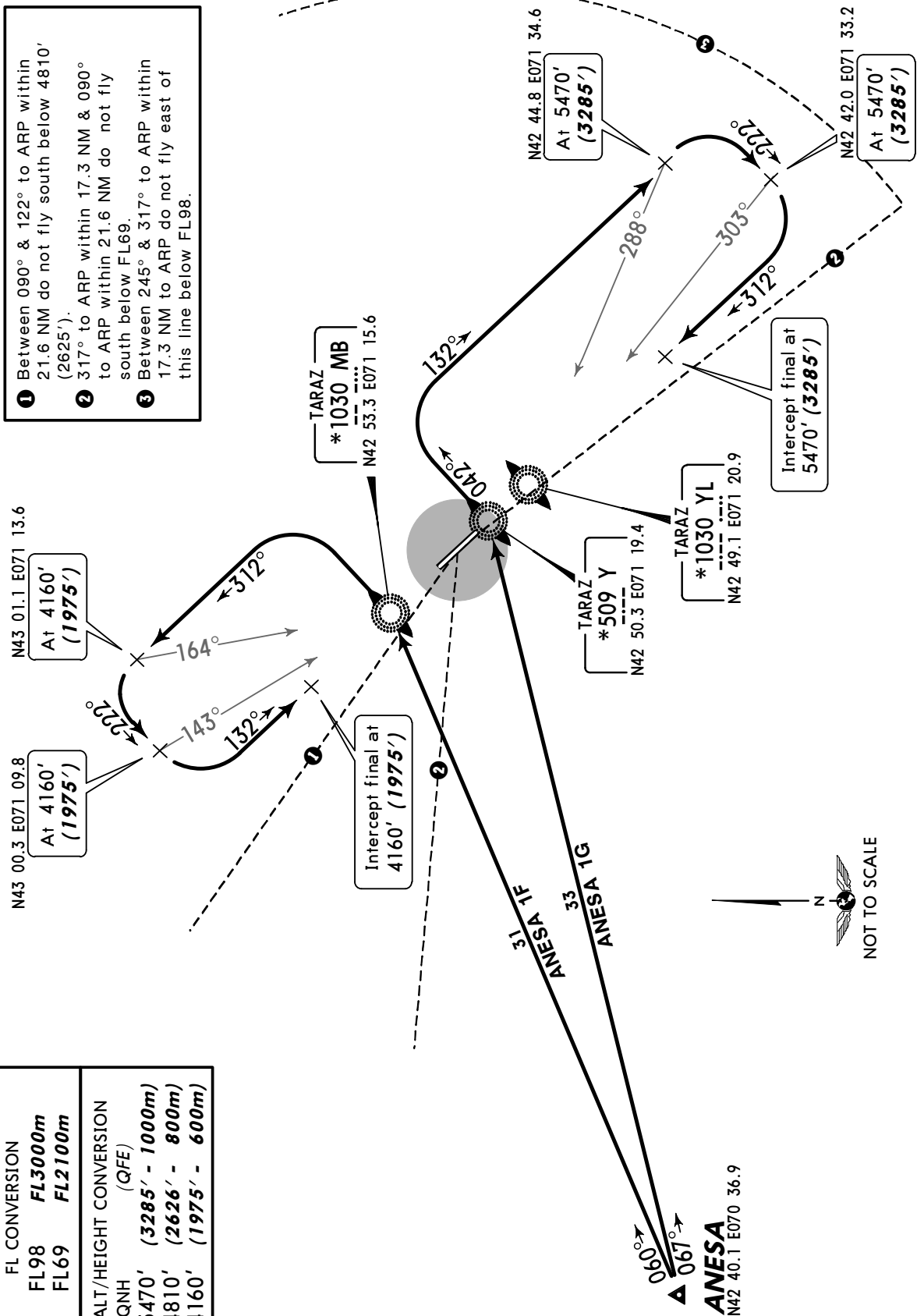
Apt Elev
2185'

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

- 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**

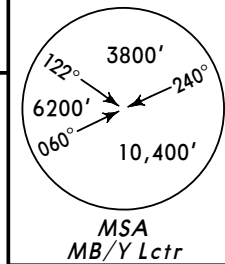
JEPPESEN T
14 AUG 09 (10-2G) Eff 27 Aug

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]

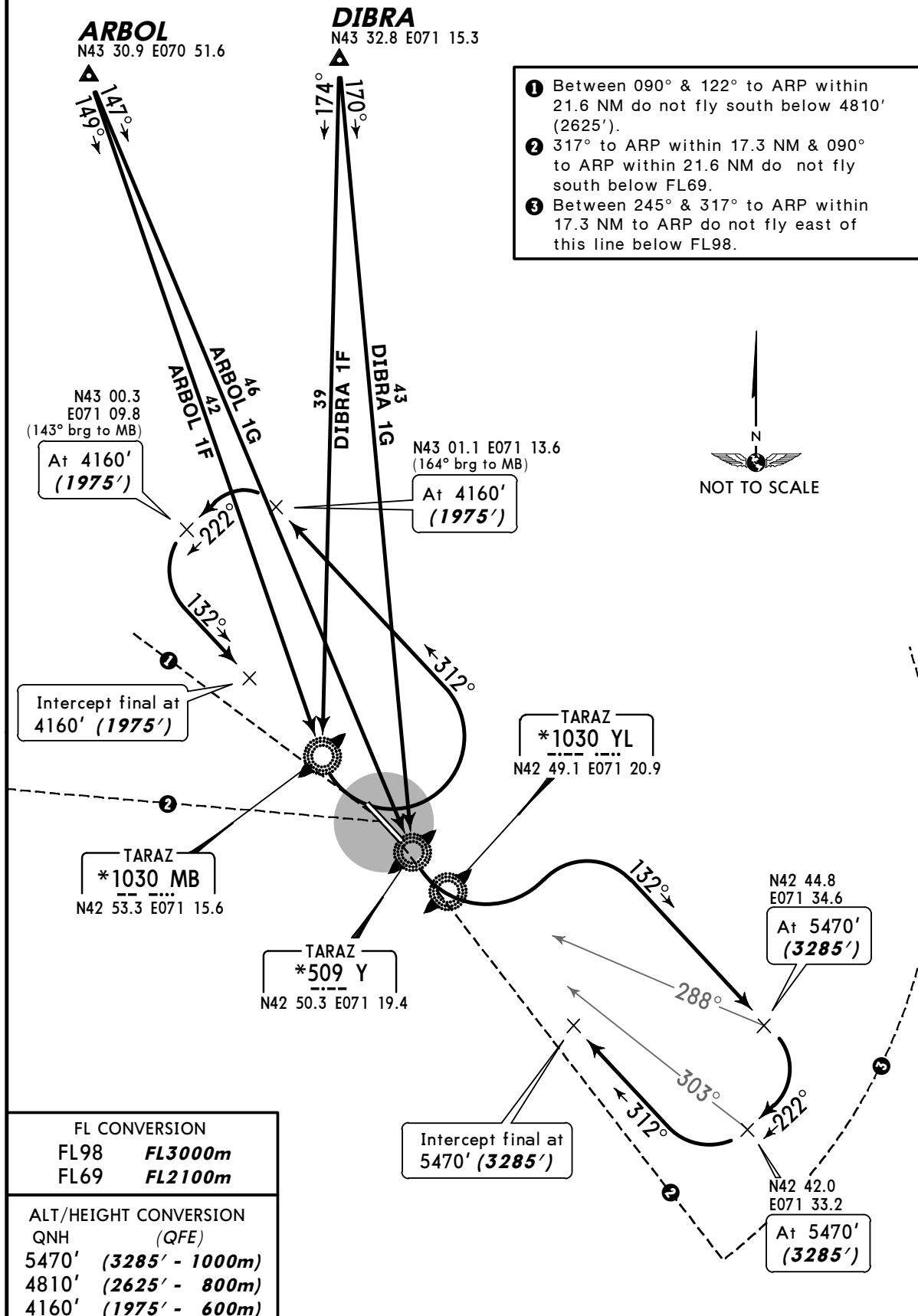
DIBRA 1F [*DIBR1F*]

DIBRA 1G [*DIBR1G*]

RWY 13 ARRIVALS

RWY 31 ARRIVALS

WITHOUT RADAR CONTROL



**UADD/DMB
AULIE-ATA**

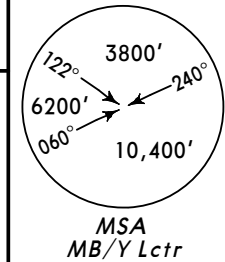
JEPPESEN T
14 AUG 09 (10-2H) Eff 27 Aug

TARAZ, KAZAKHSTAN

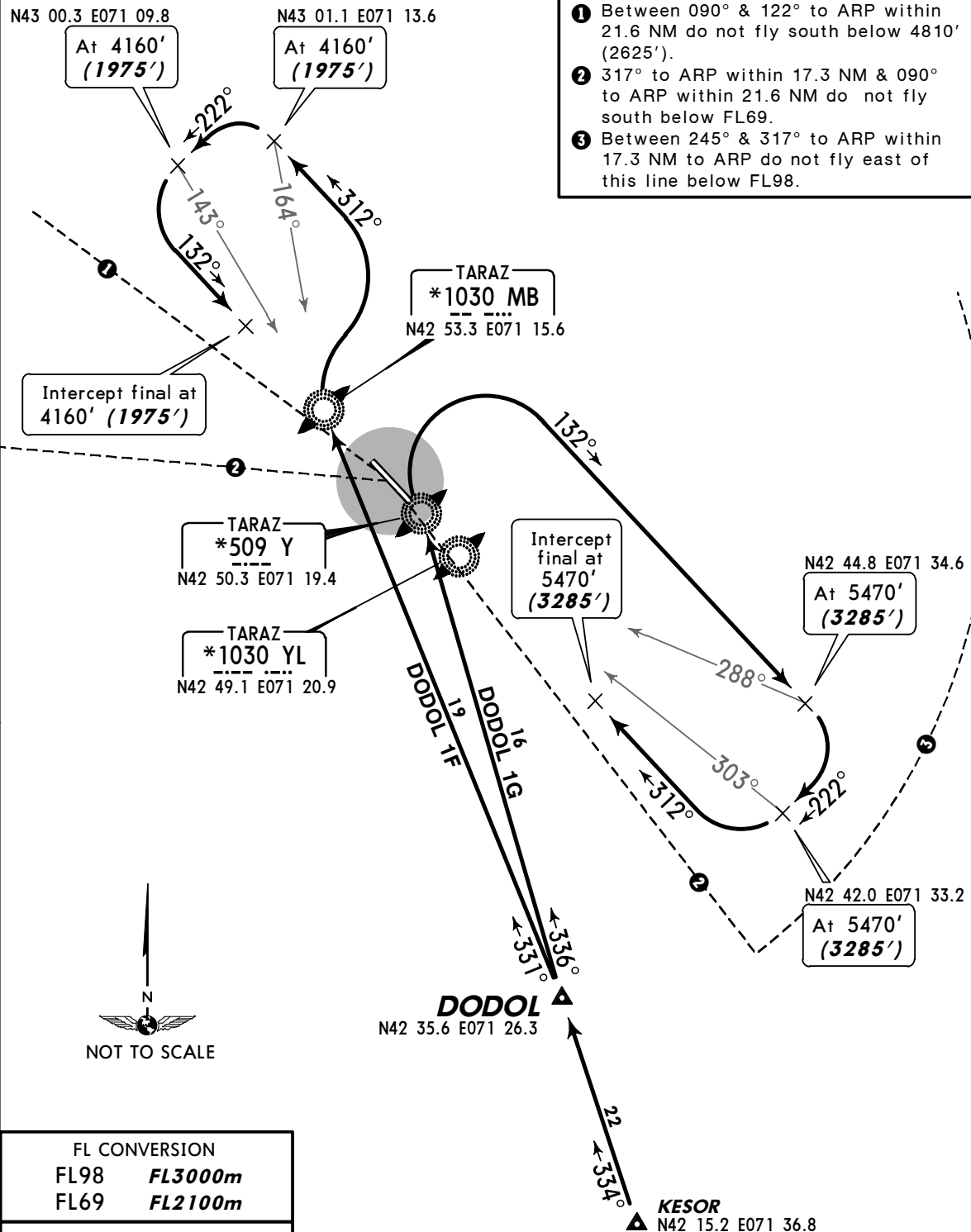
STAR

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



NOT TO SCALE

FL CONVERSION

FL98	<i>FL3000m</i>
FL69	<i>FL2100m</i>

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

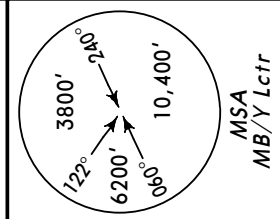
UADD/DMB
AULIE-ATA
JEPPesen
 14 AUG 09 **(10-2J)** Eff 27 Aug

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

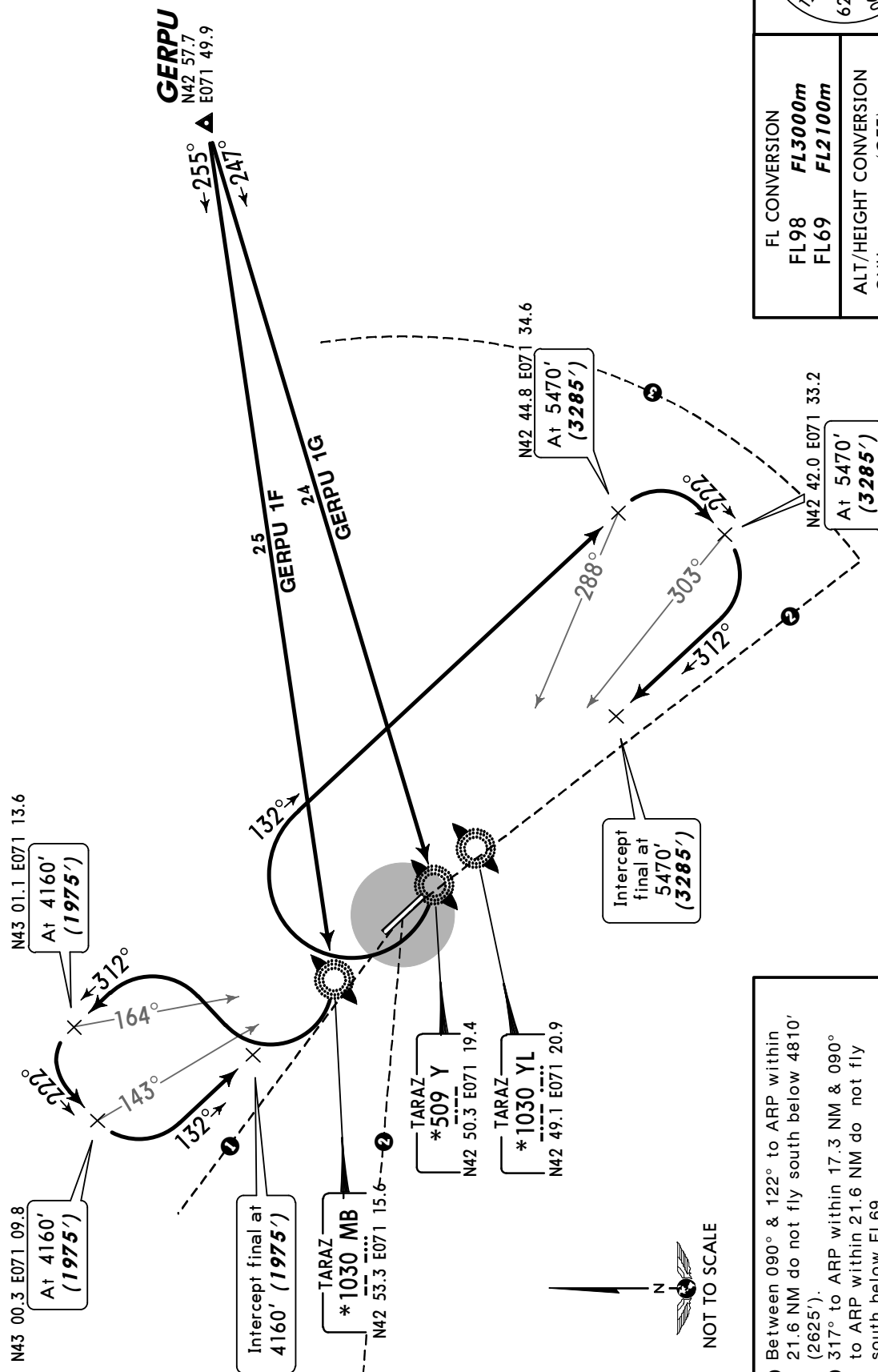
WITHOUT RADAR CONTROL



FL CONVERSION

 FL98 **FL3000m**
 FL69 **FL2100m**

 ALT/HEIGHT CONVERSION
 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.

**UADD/DMB
AULIE-ATA**

14 AUG 09

JEPPESEN

(10-2K)

Eff 27 Aug

TARAZ, KAZAKHSTAN

STAR

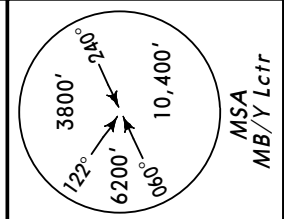
Apt Elev
2185'

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

MIKDO 1F [*MIKD1F*]
RWY 13 ARRIVAL

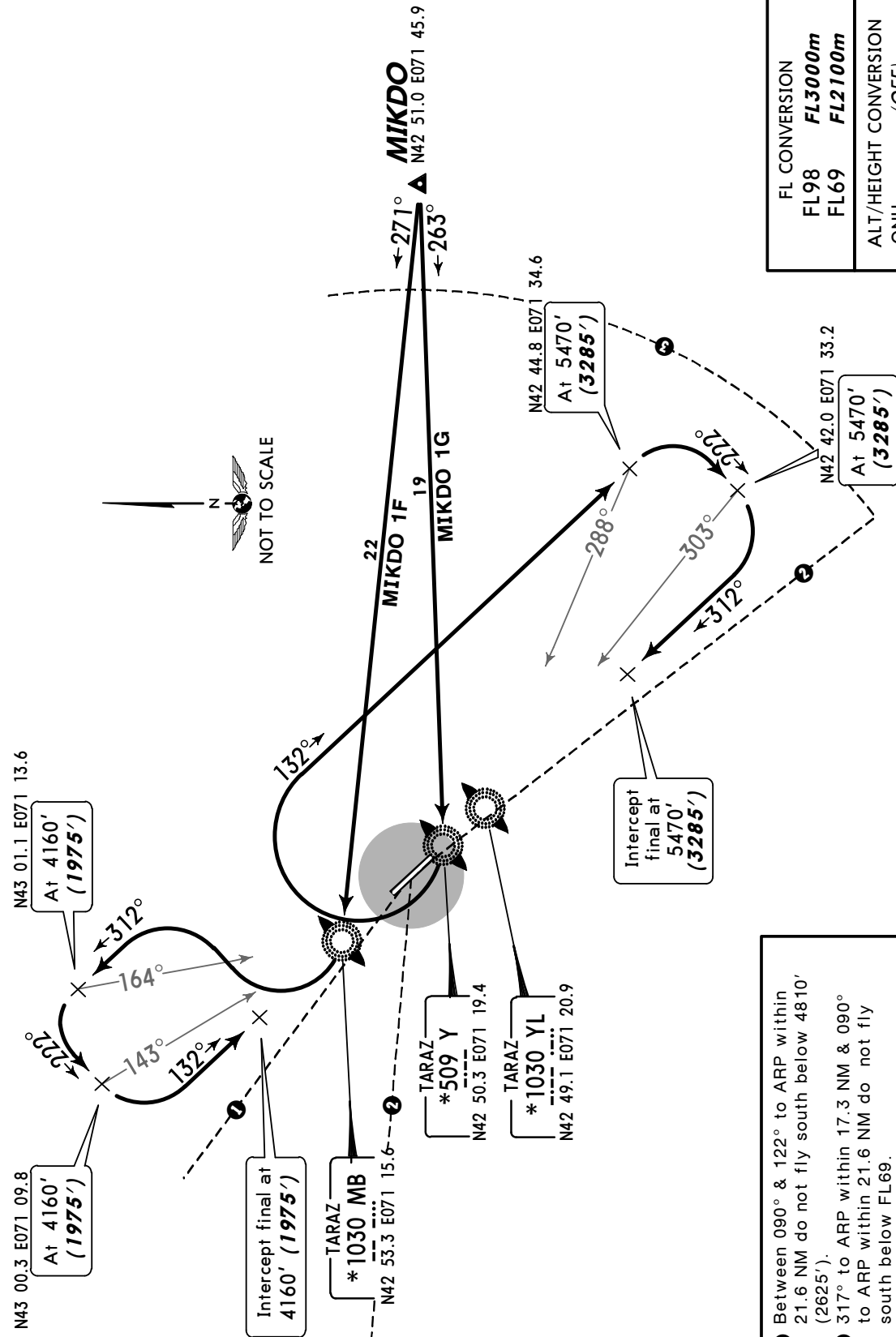
MIKDO 1G [*MIKD1G*]
RWY 31 ARRIVAL

WITHOUT RADAR CONTROL



FL CONVERSION	
FL98	FL3000m
FL69	FL2100m

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



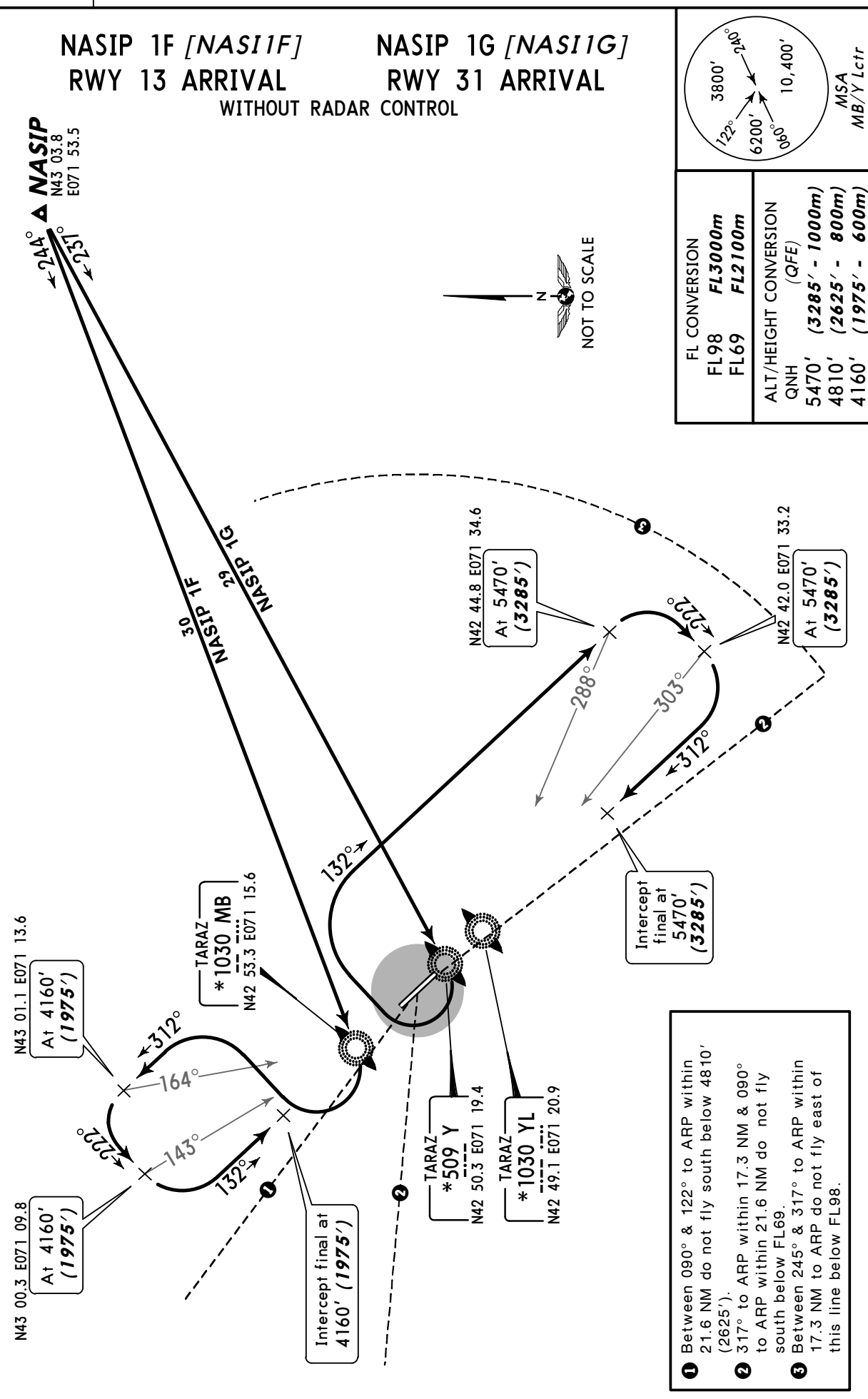
- ➊ Between 090° & 122° to ARP within 21.6 NM do not fly south below $4810'$ ($2625'$).
- ➋ 317° to ARP within 17.3 NM & 090° to ARP within 21.6 NM do not fly south below FL69.
- ➌ Between 245° & 317° to ARP within 17.3 NM to ARP do not fly east of this line below FL98.

UADD/DMB
AULIE-ATA
JEPPesen
 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

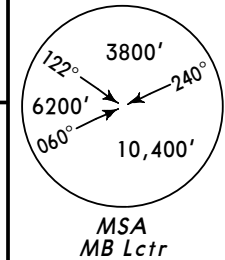
JEPPESEN
14 AUG 09 **10-3** **Eff 27 Aug**

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

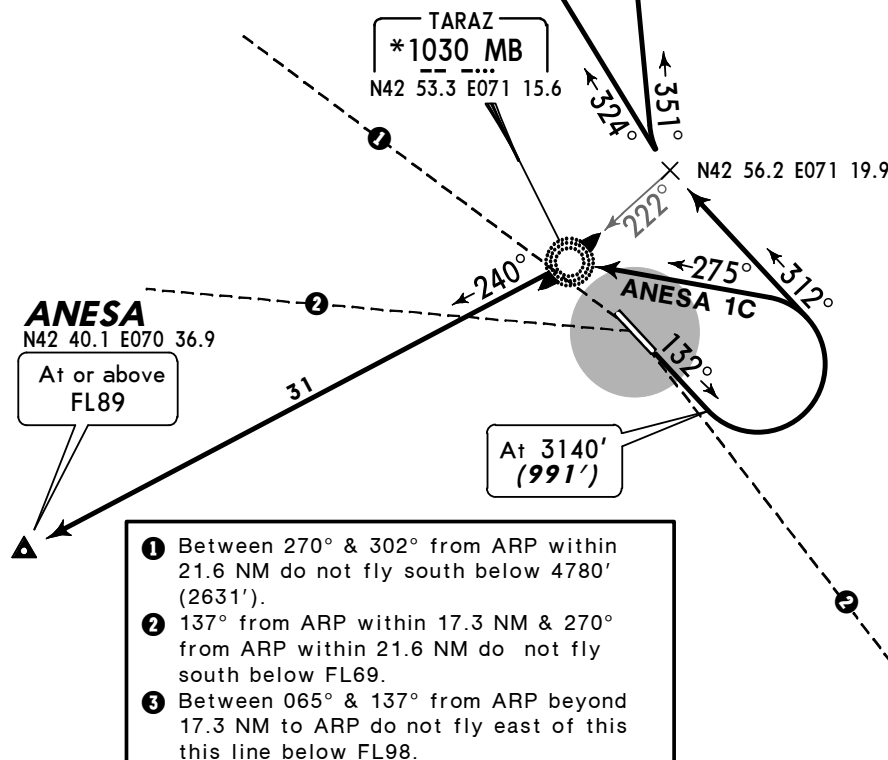
N43 32.8 E071 15.3

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



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

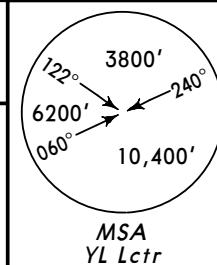
JEPPESEN
14 AUG 09 **(10-3A)** **Eff 27 Aug**

TARAZ, KAZAKHSTAN

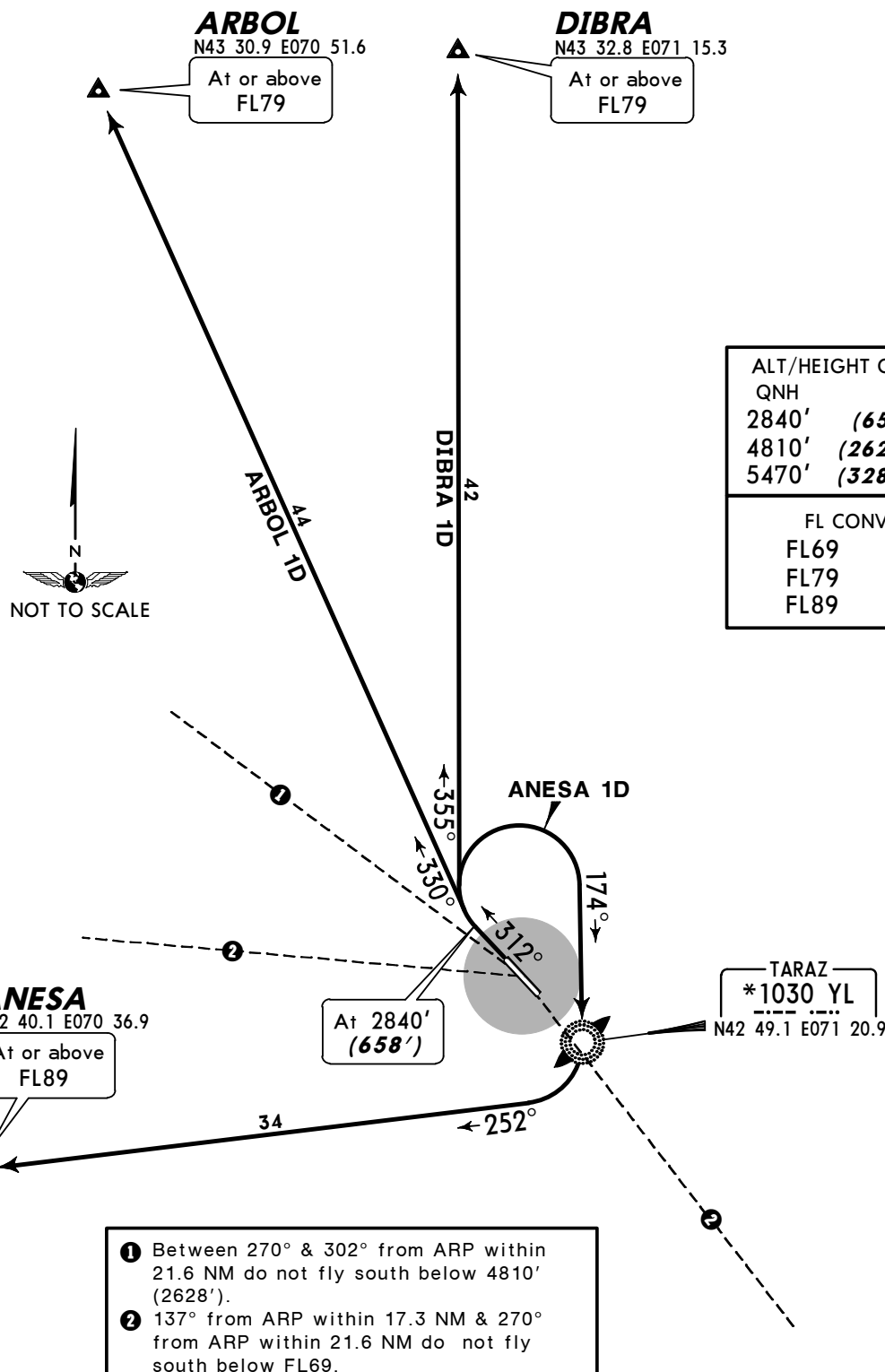
SID

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**

TARAZ, KAZAKHSTAN

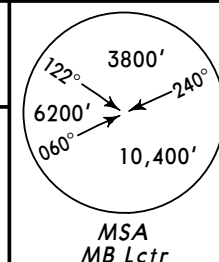
14 AUG 09

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.

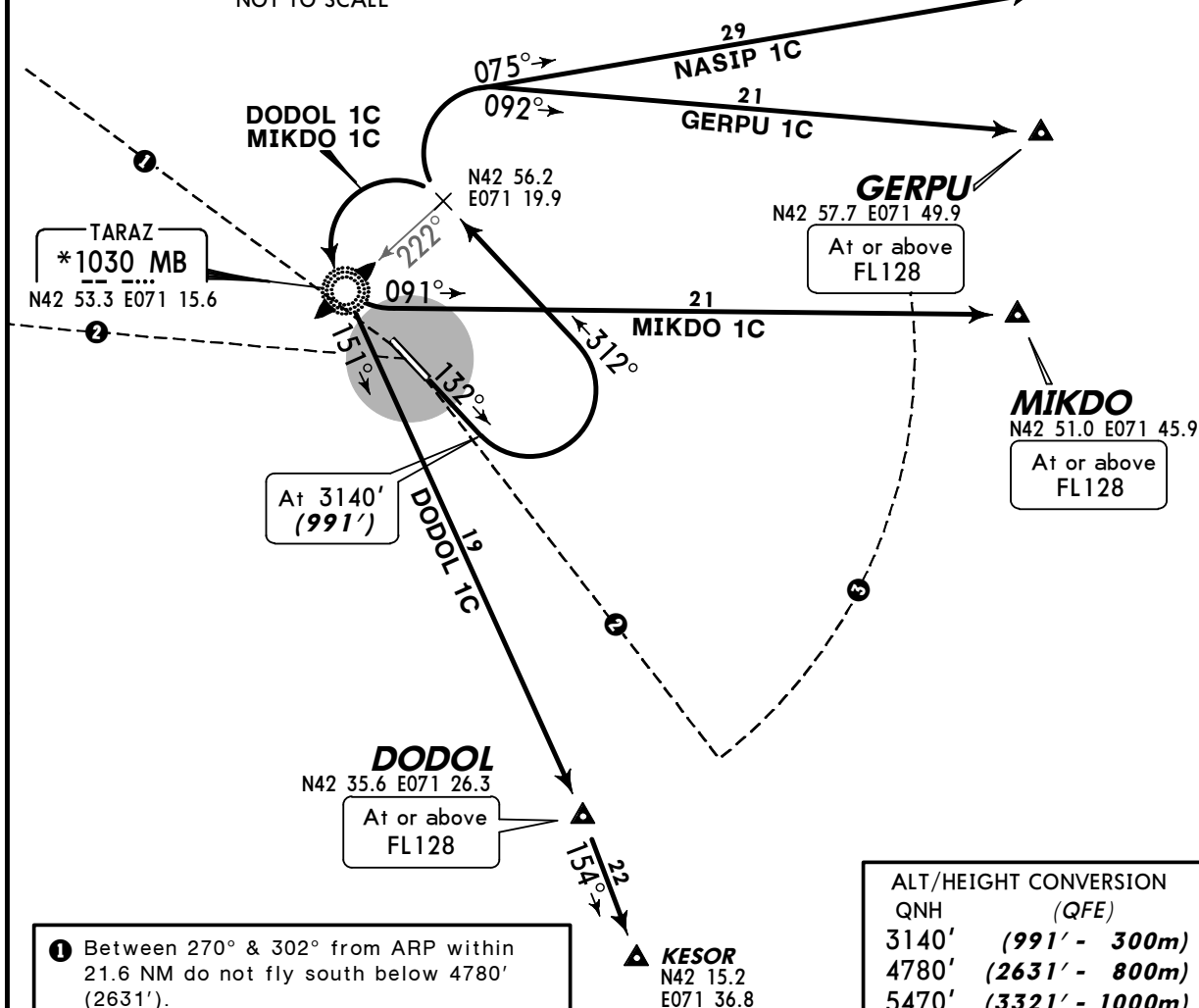


DODOL 1C [*DODO1C*], GERPU 1C [*GERP1C*]
MIKDO 1C [*MIKD1C*], NASIP 1C [*NASI1C*]
RWY 13 DEPARTURES

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)

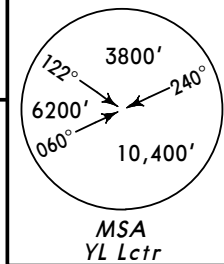
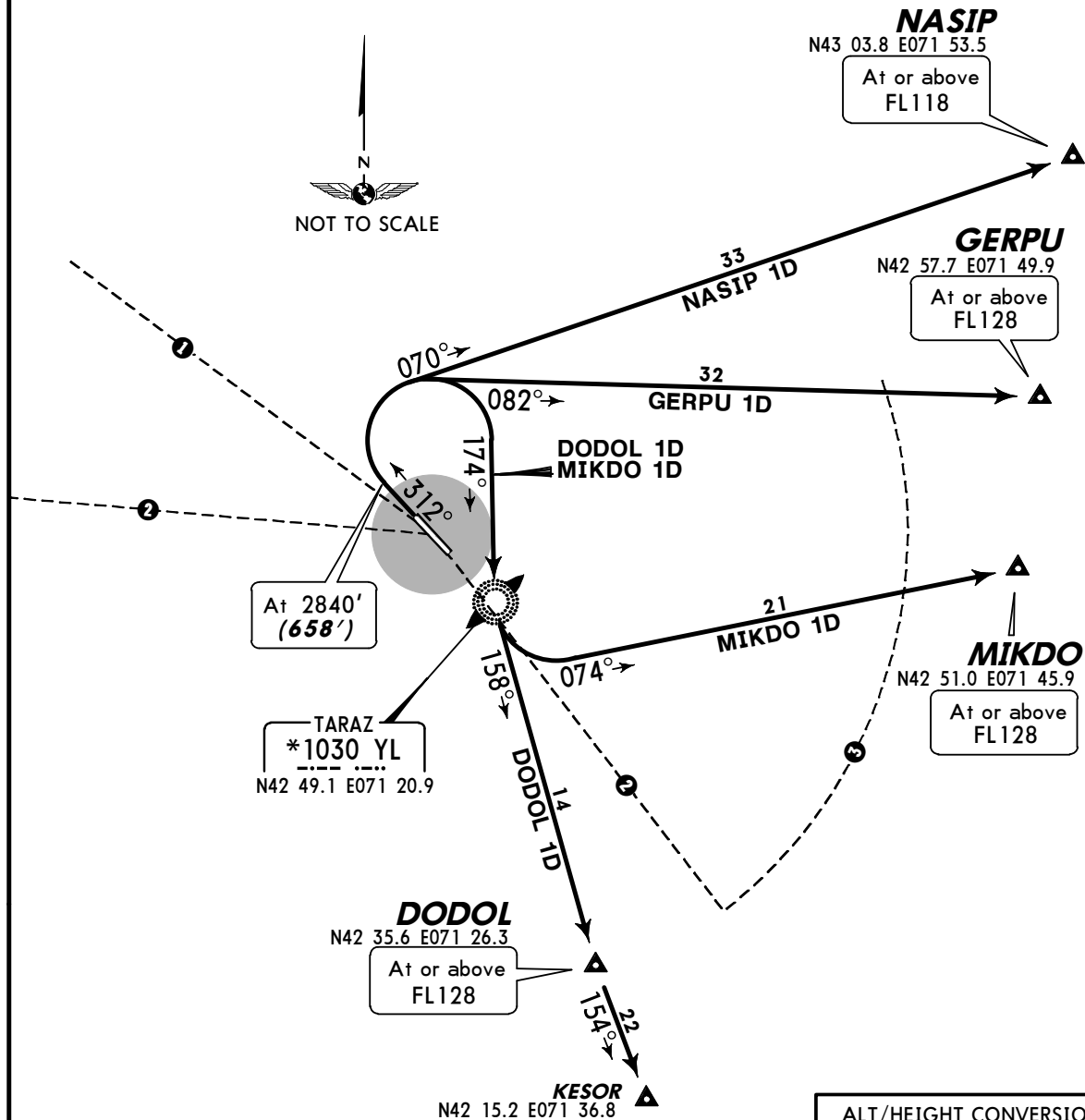
FL CONVERSION

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-ATAJEPPESEN
14 AUG 09 **10-3C** Eff 27 Aug

TARAZ, KAZAKHSTAN

SIDApt 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

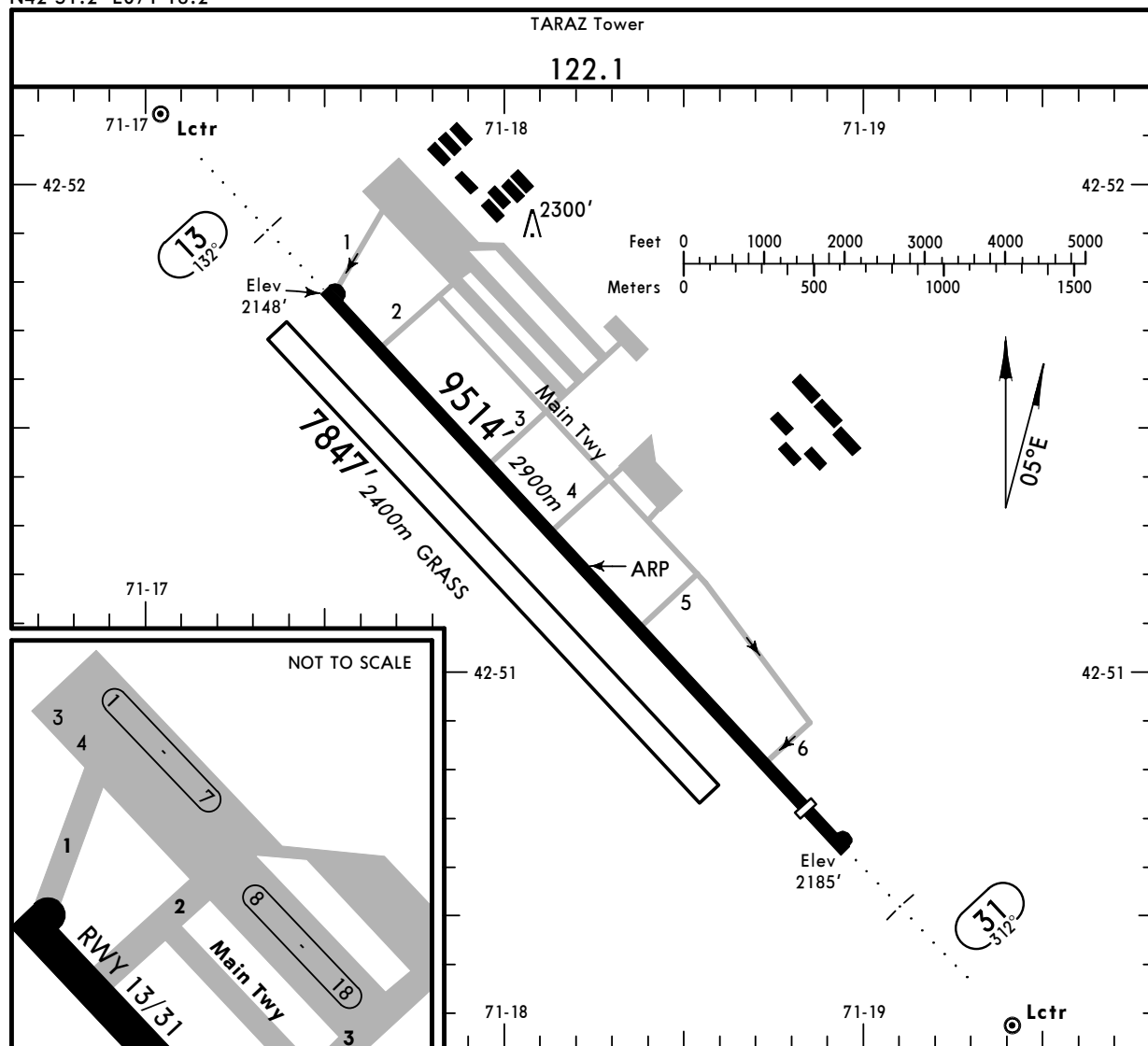
- ① Between 270° & 302° from ARP within 21.6 NM do not fly south below 4810' (2628').
- ② 137° from ARP within 17.3 NM & 270° from ARP within 21.6 NM do not fly south below FL69.
- ③ Between 065° & 137° from ARP beyond 17.3 NM to ARP do not fly east of this line below FL98.

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

				USABLE LENGTHS		TAKE-OFF	WIDTH
				LANDING BEYOND			
RWY				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 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

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')

TARAZ Tower

122.1

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.

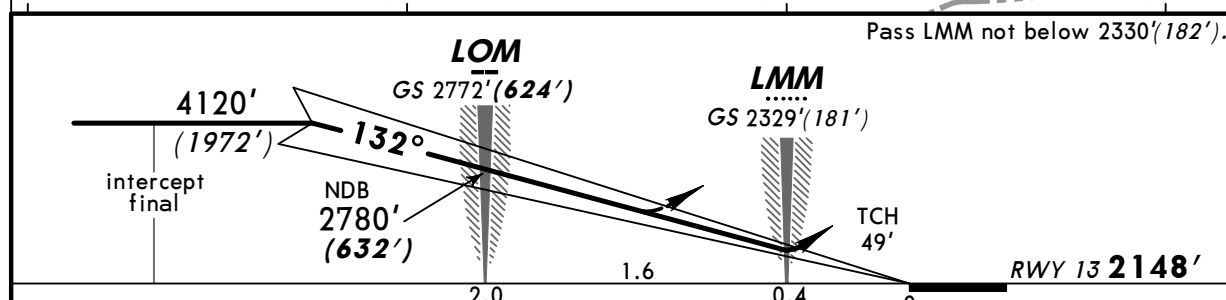
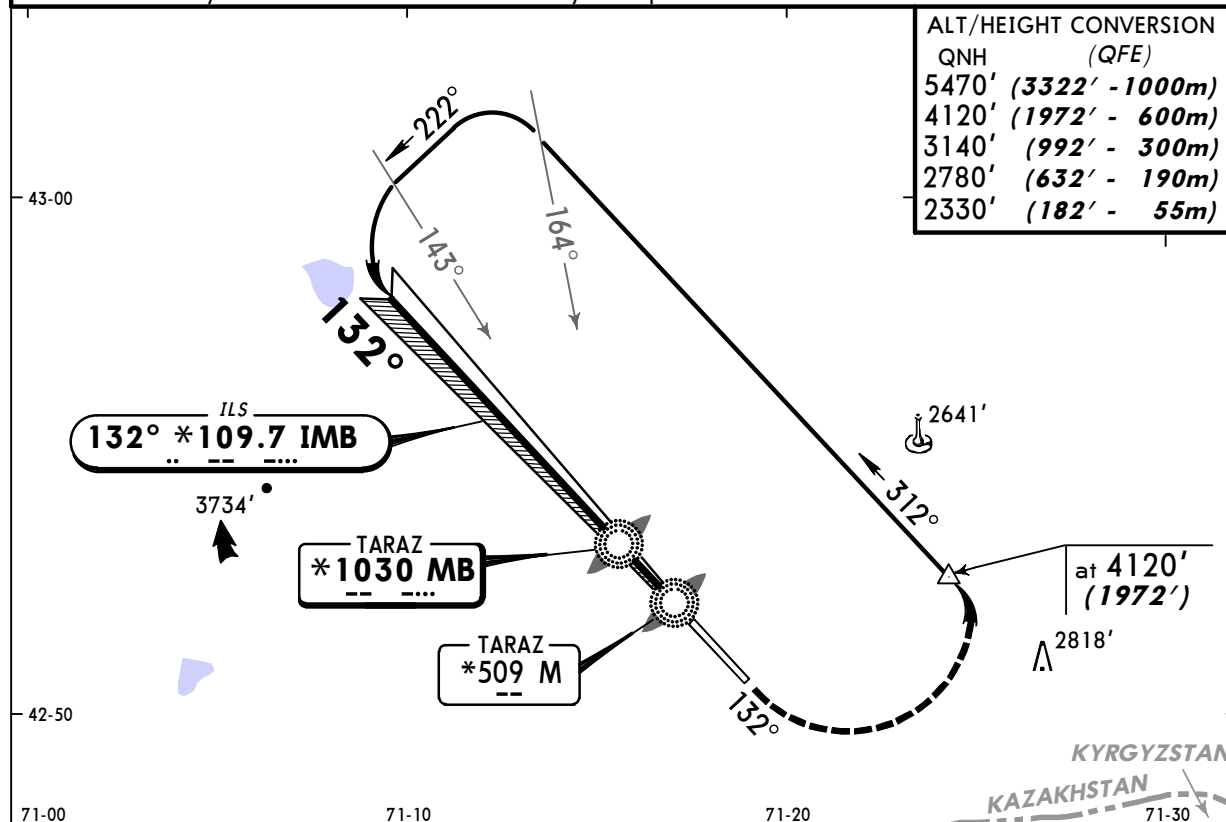
Alt Set: MM (hPa on req)

QNH on req (QFE)

Trans level: FL 69

Trans alt: 5470' (3322')

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



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				

STRAIGHT-IN LANDING RWY 13					
DA(H)		ILS		LOC (GS out)	
AB: 2348' (200')		CD: 2378' (230')		NDB MDA(H) 2550' (402')	
FULL		ALS out		ALS out	
A	1200m		NOT AUTH		VIS 1800m
B					
C					
D					

PANS OPS

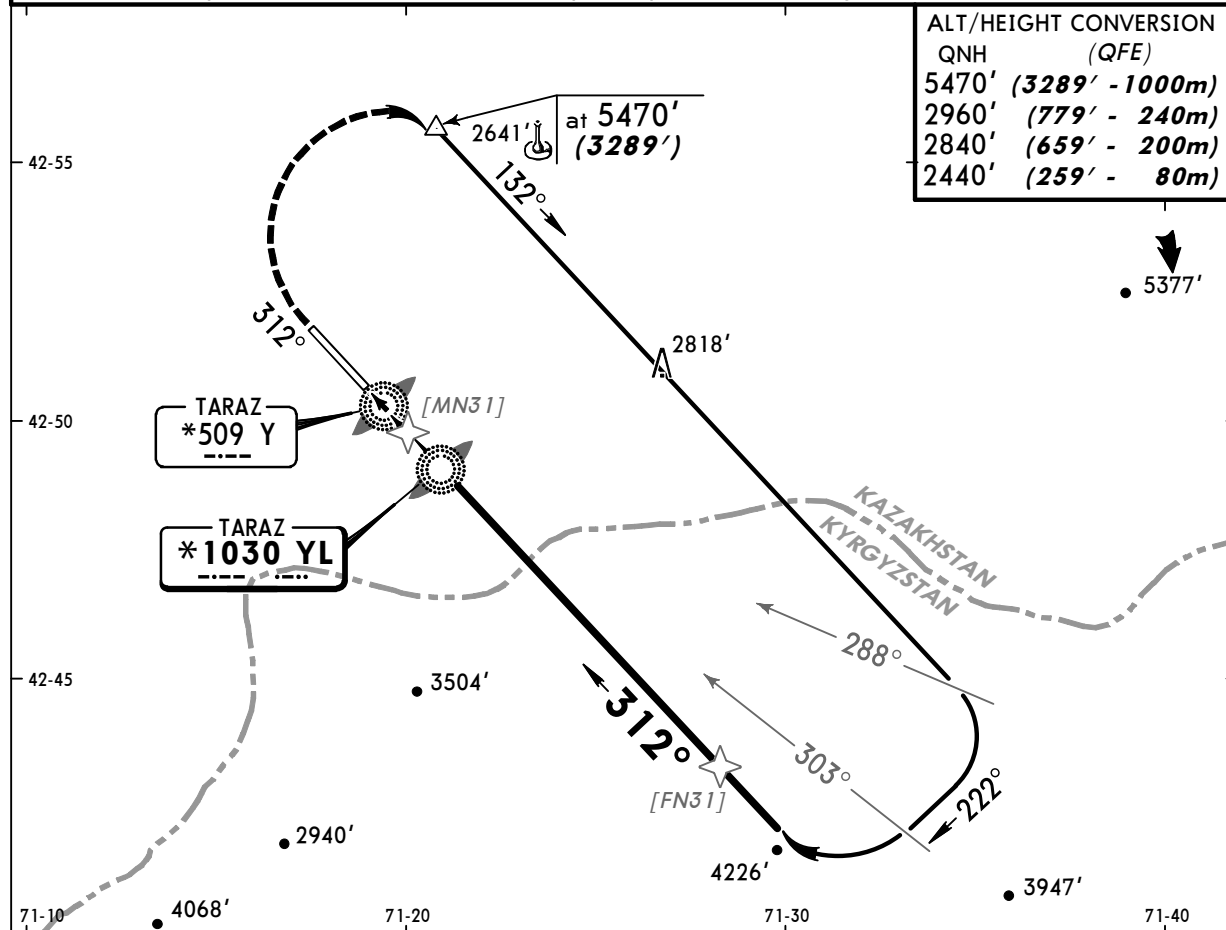
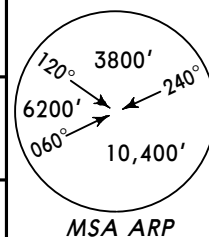
UADD/DMB
AULIE-ATA

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

TARAZ, KAZAKHSTAN
2 NDB Rwy 31

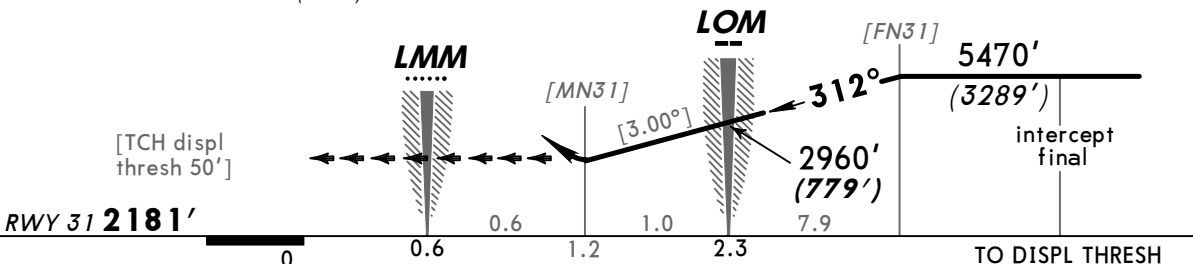
BRIEFING STRIP

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				

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

PANS OPS