

List of pages in this Trip Kit

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Airport Information For UAKK

Terminal Charts For UAKK

Revision Letter For Cycle 25-2012

Change Notices

Notebook

General Information

Location: Karaganda Kaz
IATA Code: KGF
Lat/Long: N49° 40.3' E073° 20.2'
Elevation: 1765 ft

Airport Use: Public
Magnetic Variation: 8.4°E

Fuel Types: Jet, Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: No
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0304 Z
Sunset: 1115 Z,

Runway Information

Runway: 05
Length x Width: 11818 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 1765 ft
Lighting: Edge, ALS

Runway: 23
Length x Width: 11818 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 1752 ft
Lighting: Edge, ALS

Communication Information

ATIS 127.8 Non-English
Karaganda Tower 122.0

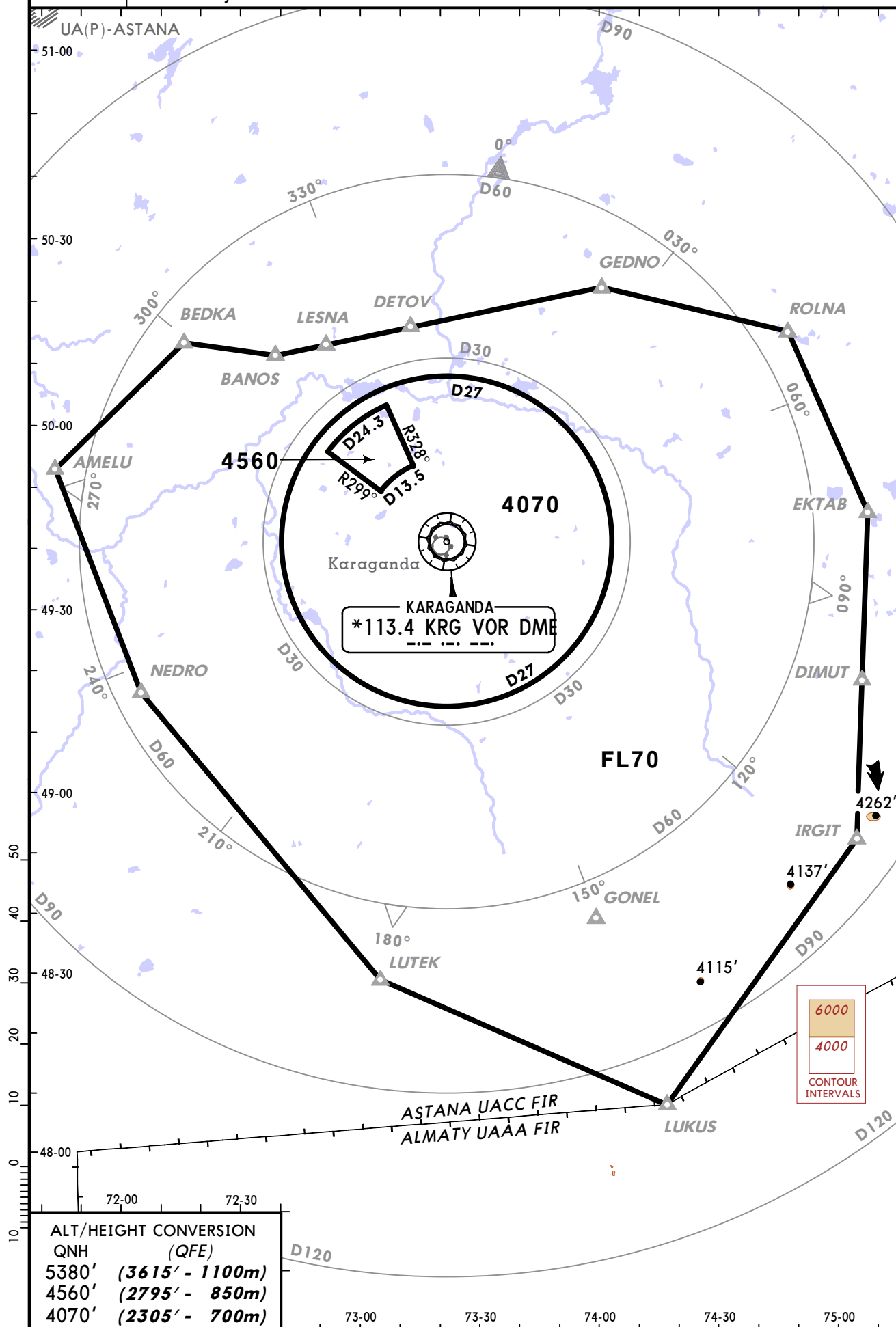
Apt Elev
1765'

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

Trans level: FL70 Trans alt: 5380'(3615')

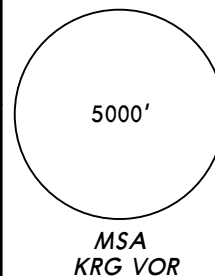
1. This chart may only be used for cross-checking of altitudes assigned while under RADAR control.

2. Levels assigned by ATC include a correction for low temperature effect if necessary.



Apt Elev
1765'

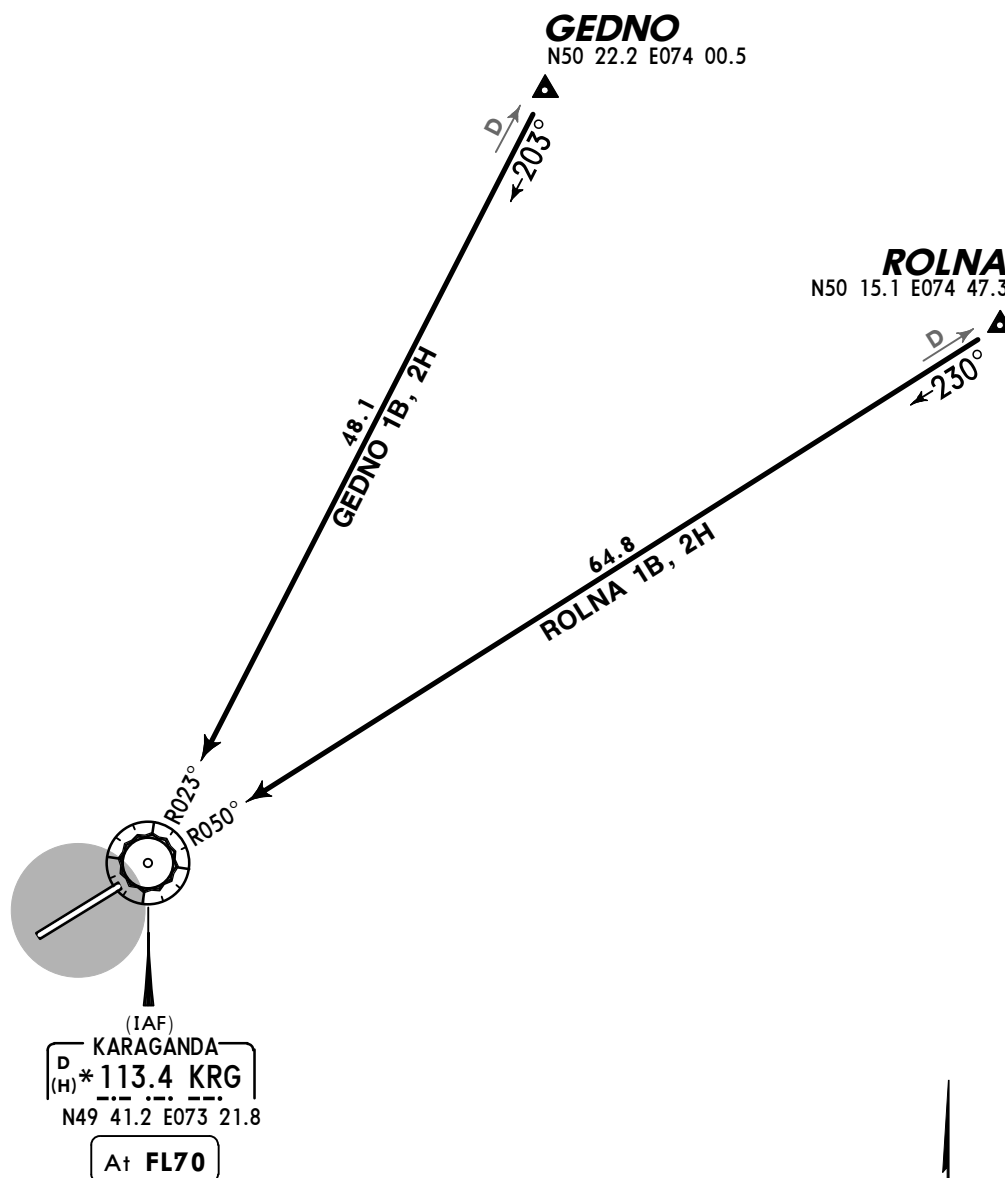
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway exit points by ATC.



GEDNO 1B [GEDN1B], ROLNA 1B [ROLN1B]
RWY 05 ARRIVALS

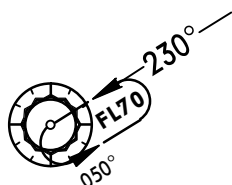
GEDNO 2H [GEDN2H], ROLNA 2H [ROLN2H]
RWY 23 ARRIVALS

BASED ON KRG

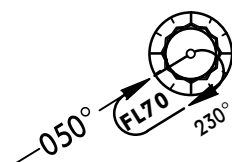


HOLDINGS OVER KRG

Runway 05



Runway 23



ALT/HEIGHT CONVERSION
QNH (QFE)
5380' (3615' - 1100m)

Apt Elev
1765'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway exit points by ATC.

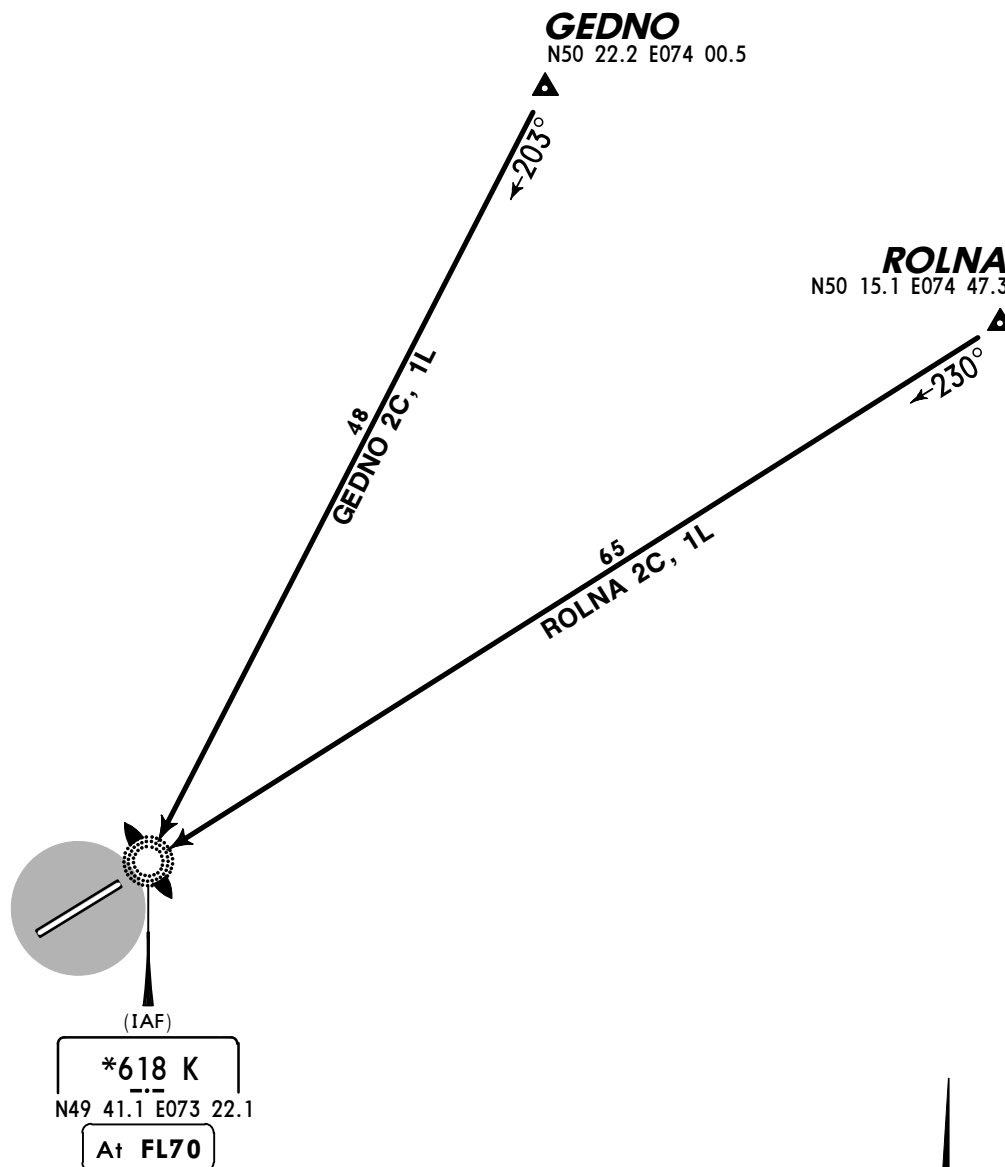
5000'

MSA
K Lctr

GEDNO 2C [GEDN2C], ROLNA 2C [ROLN2C]
RWY 05 ARRIVALS

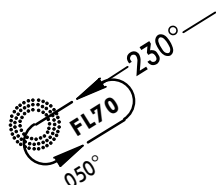
GEDNO 1L [GEDN1L], ROLNA 1L [ROLN1L]
RWY 23 ARRIVALS

BASED ON K

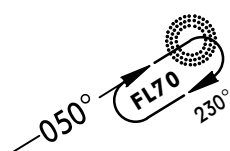


HOLDINGS OVER K

Runway 05



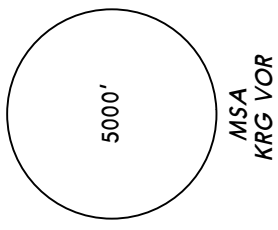
Runway 23



ALT/HEIGHT CONVERSION
QNH (QFE)
5380' (3615' - 1100m)

Apt Elev
1765'

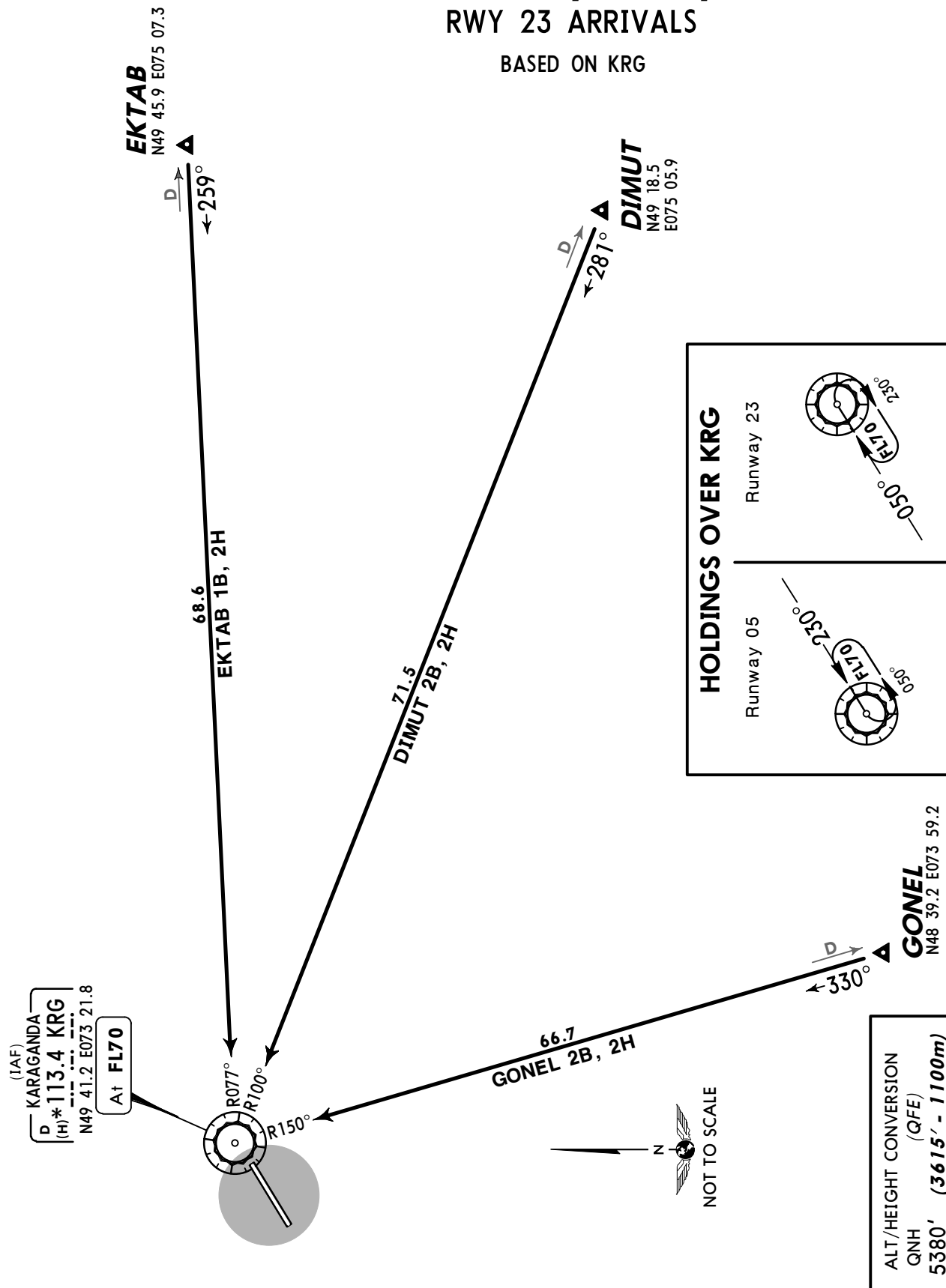
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway exit points by ATC.



DIMUT 2B [DIMU2B], EKTAB 1B [EKTA1B]
GONEL 2B [GONE2B]
RWY 05 ARRIVALS

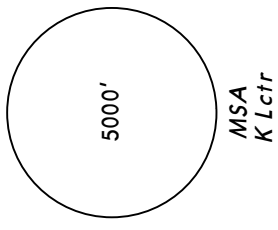
DIMUT 2H [DIMU2H], EKTAB 2H [EKTA2H]
GONEL 2H [GONE2H]
RWY 23 ARRIVALS

BASED ON KRG



Apt Elev
1765'

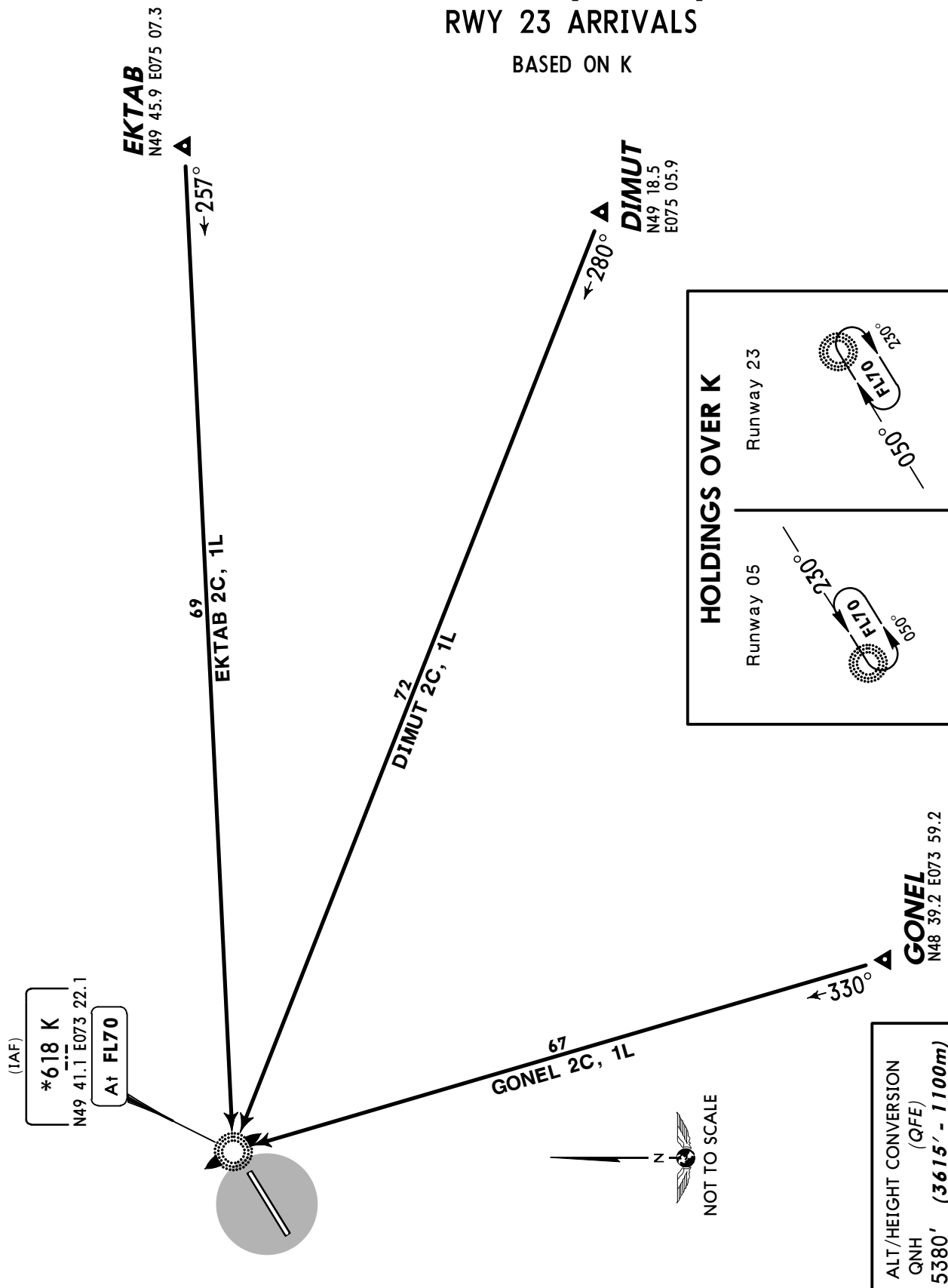
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway exit points by ATC.



DIMUT 2C [DIMU2C], EKTAB 2C [EKTA2C]
GONEL 2C [GONE2C]
RWY 05 ARRIVALS

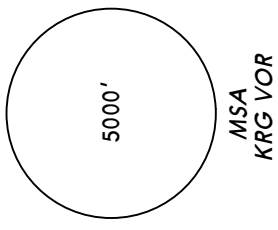
DIMUT 1L [DIMU1L], EKTAB 1L [EKTA1L]
GONEL 1L [GONE1L]
RWY 23 ARRIVALS

BASED ON K



Apt Elev
1765'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway exit points by ATC.

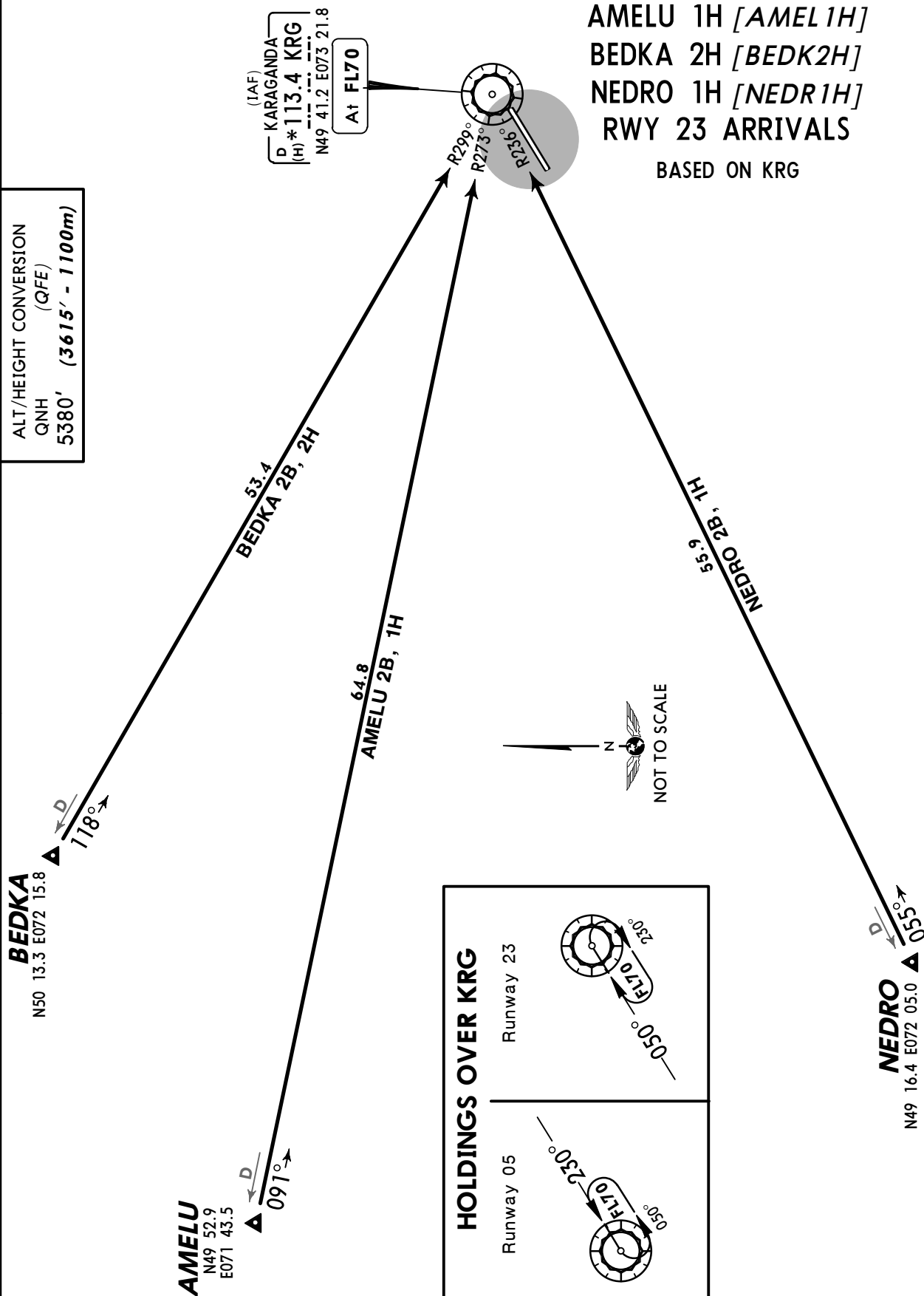


AMELU 2B [AMEL2B]
BEDKA 2B [BEDK2B]
NEDRO 2B [NEDR2B]
RWY 05 ARRIVALS

AMELU 1H [AMEL1H]
BEDKA 2H [BEDK2H]
NEDRO 1H [NEDR1H]
RWY 23 ARRIVALS

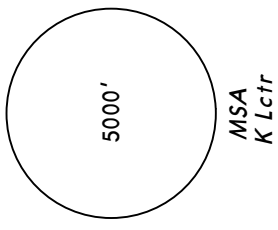
BASED ON KRG

ALT/HEIGHT CONVERSION
QNH
5380' (3615' - 1100m)



Apt Elev
1765'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway exit points by ATC.

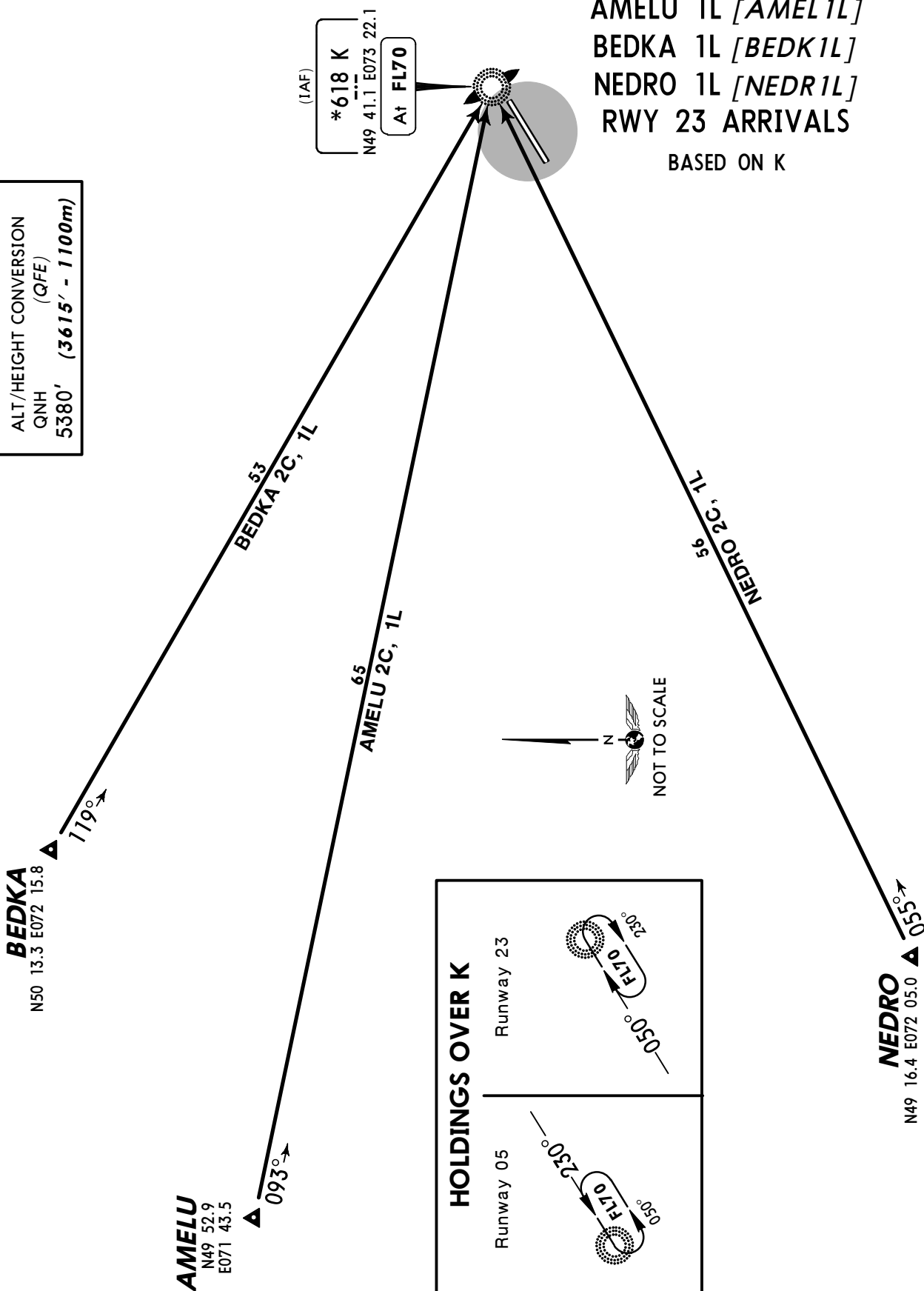


AMELU 2C [AMEL2C]
BEDKA 2C [BEDK2C]
NEDRO 2C [NEDR2C]
RWY 05 ARRIVALS

AMELU 1L [AMEL1L]
BEDKA 1L [BEDK1L]
NEDRO 1L [NEDR1L]
RWY 23 ARRIVALS

BASED ON K

ALT/HEIGHT CONVERSION
QNH
5380' (3615' - 1100m)

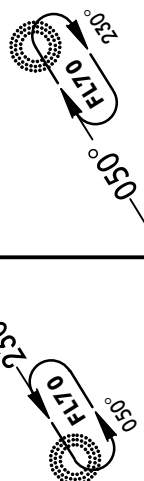


(IAF)
*618 K
N49 41.1 E073 22.1
At FL70

HOLDINGS OVER K

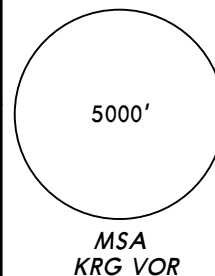
Runway 23

Runway 05



Apt Elev
1765'

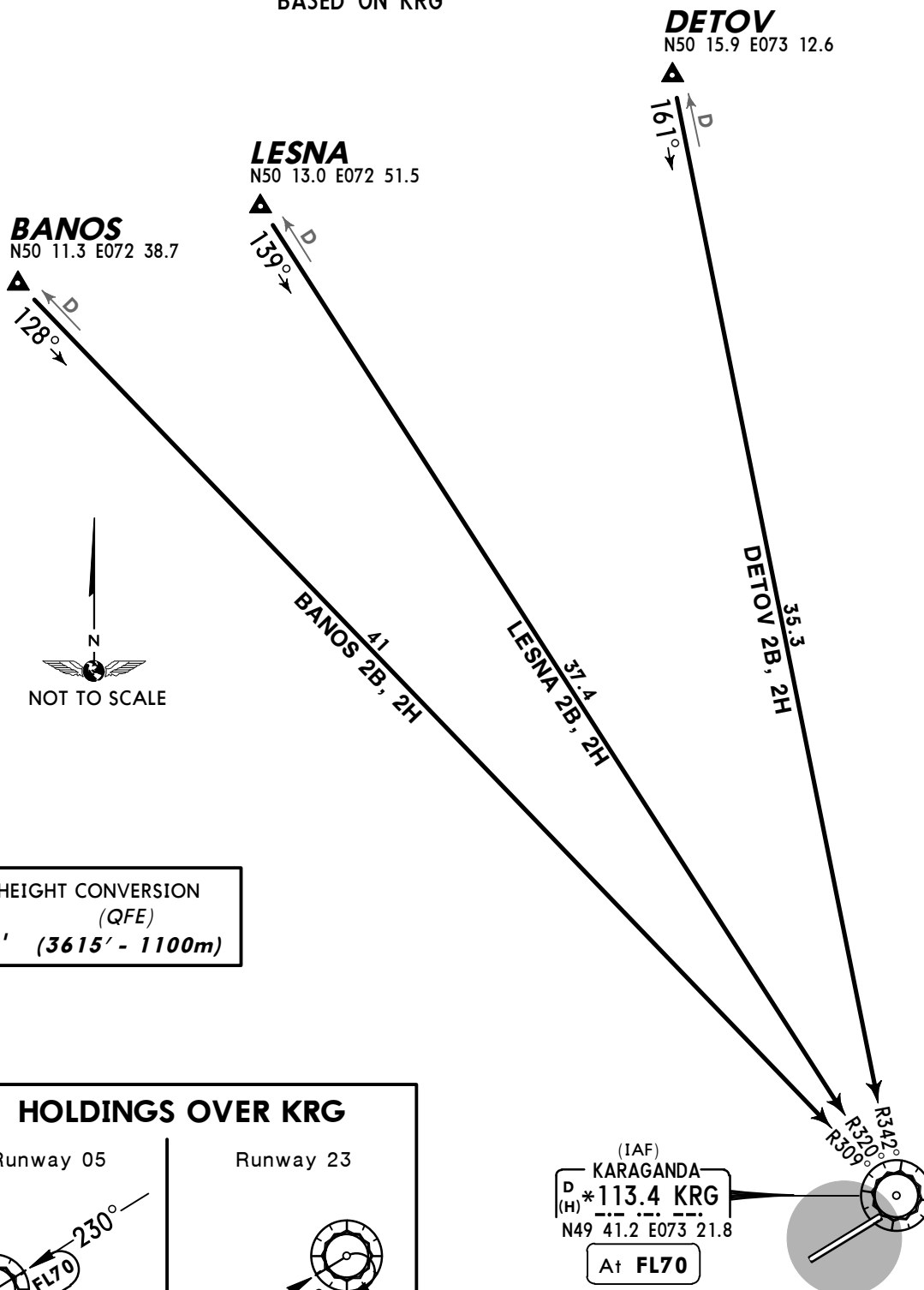
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway exit points by ATC.



BANOS 2B [BANO2B], DETOV 2B [DETO2B]
LESNA 2B [LESN2B]
RWY 05 ARRIVALS

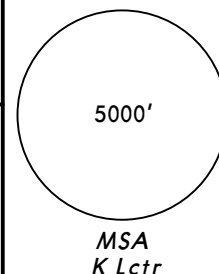
BANOS 2H [BANO2H], DETOV 2H [DETO2H]
LESNA 2H [LESN2H]
RWY 23 ARRIVALS

BASED ON KRG



Apt Elev
1765'

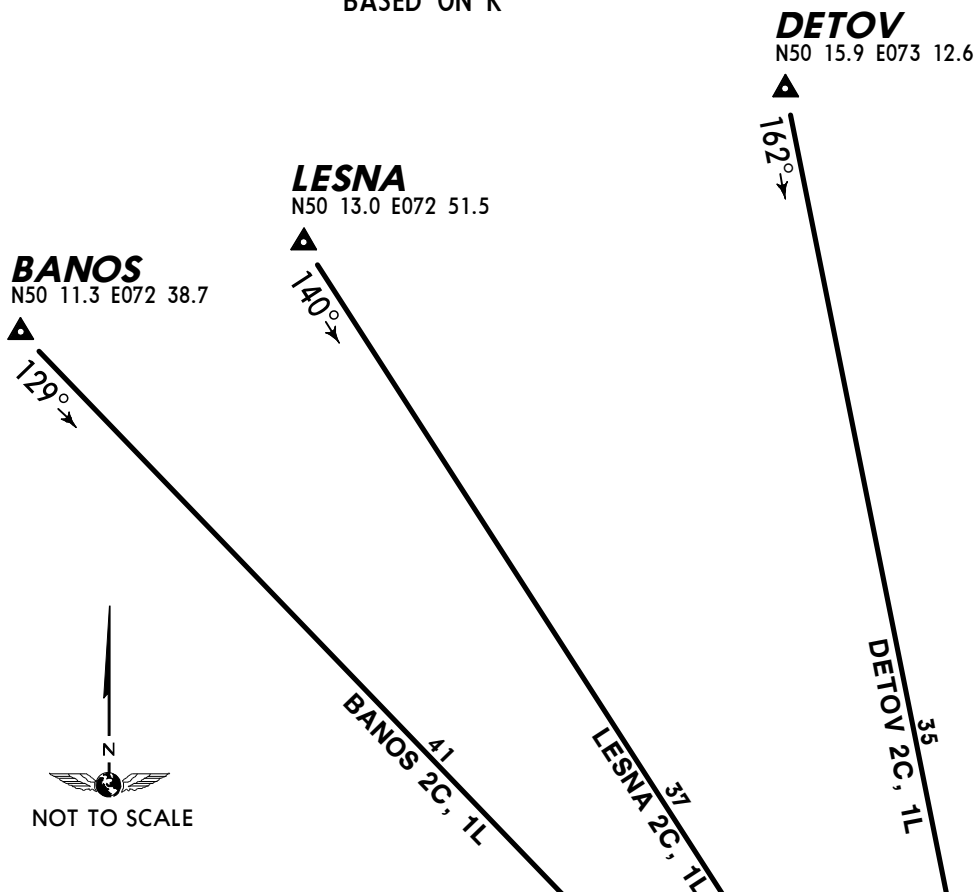
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway exit points by ATC.



BANOS 2C [BANO2C], DETOV 2C [DETO2C]
LESNA 2C [LESN2C]
RWY 05 ARRIVALS

BANOS 1L [BANO1L], DETOV 1L [DETO1L]
LESNA 1L [LESN1L]
RWY 23 ARRIVALS

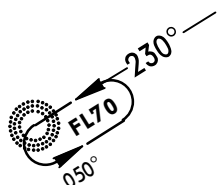
BASED ON K



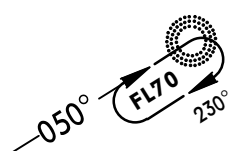
ALT/HEIGHT CONVERSION
QNH (QFE)
5380' (3615' - 1100m)

HOLDINGS OVER K

Runway 05

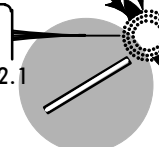


Runway 23



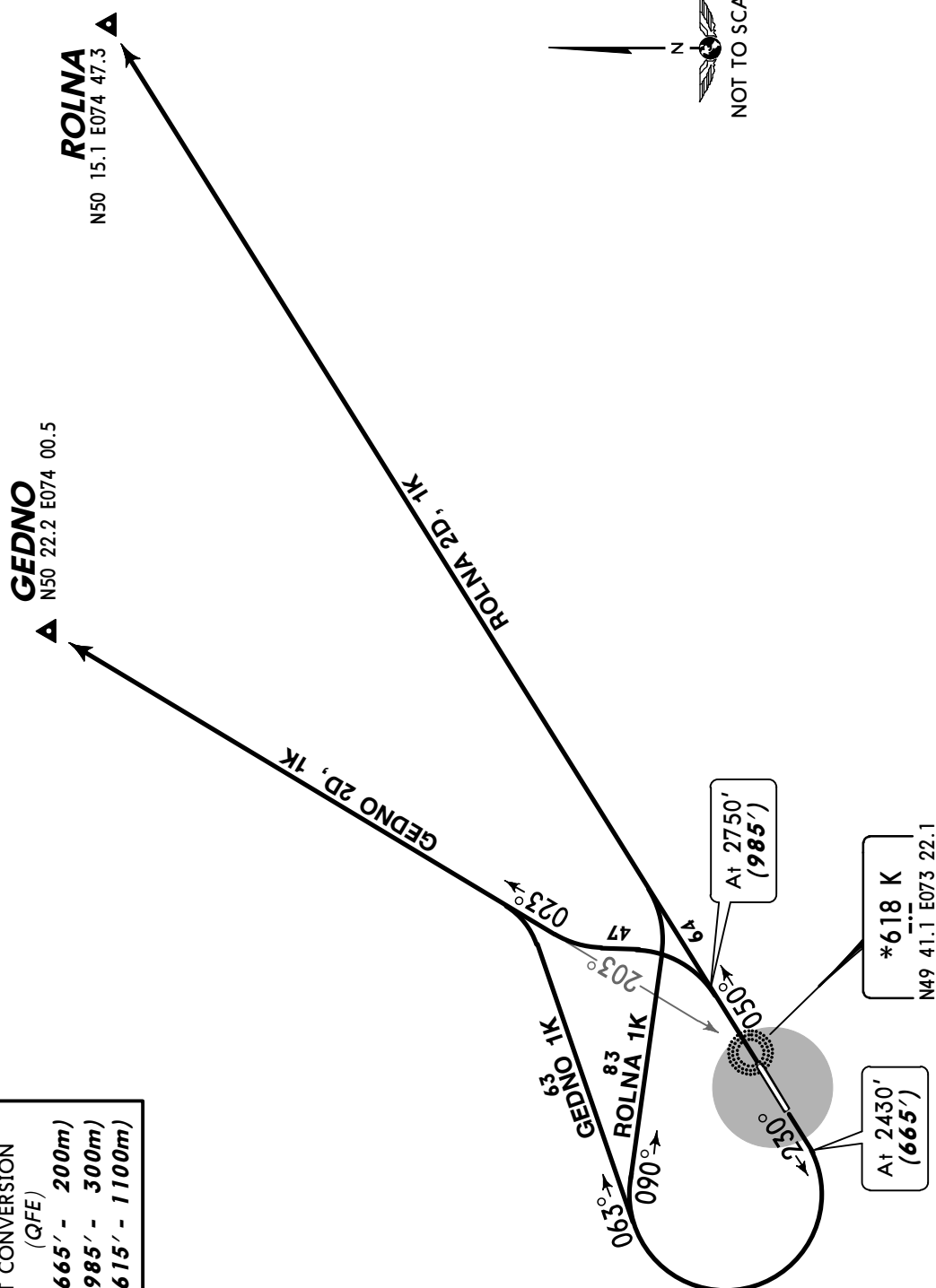
(IAF)

*618 K
N49 41.1 E073 22.1
At FL70



Apt Elev
1765'QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway entry points by ATC.

5000'

MSA
K LctrGEDNO 2D [GEDN2D], GEDNO 1K [GEDN1K]
ROLNA 2D [ROLN2D], ROLNA 1K [ROLN1K]
RWYS 05, 23 DEPARTURES
BASED ON K

Apt Elev

1765'

QNH on request (QFE)

Trans level: FL70 Trans alt: 5380' (3615')

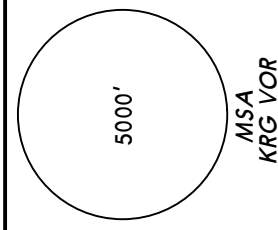
Crossing FL at airway entry points by ATC.

GEDNO 2E [GEDN2E], GEDNO 2G [GEDN2G]

ROLNA 2E [ROLN2E], ROLNA 2G [ROLN2G]

RWYS 05, 23 DEPARTURES

BASED ON KRG



ROLNA

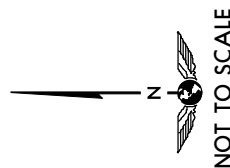
N50 15.1 E074 47.3

D64.8

GEDNO

N50 22.2 E074 00.5

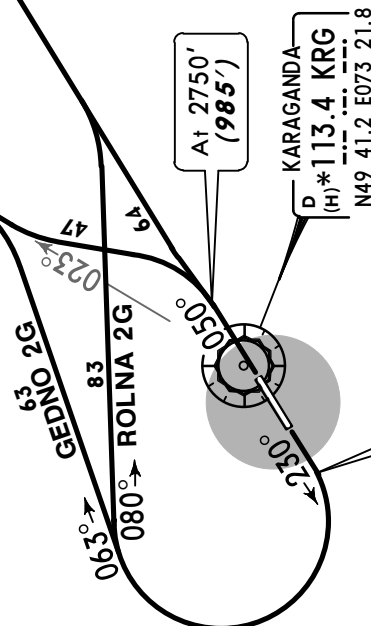
D48.1



ROUTING	
GEDNO 2E	Climb to 2750' (985'), turn LEFT, intercept KRG R-023 to GEDNO.
GEDNO 2G	Climb to 2430' (665'), turn RIGHT, 063° track, intercept KRG R-023 to GEDNO.
ROLNA 2E	Climb to 2750' (985'), intercept KRG R-050 to ROLNA.
ROLNA 2G	Climb to 2430' (665'), turn RIGHT, 080° track, intercept KRG R-050 to ROLNA.

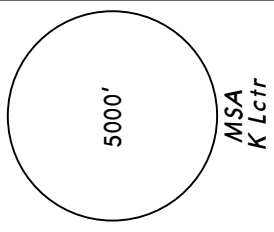
SID	RWY
GEDNO 2E	05
GEDNO 2G	23
ROLNA 2E	05
ROLNA 2G	23

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2430'	(665' - 200m)
2750'	(985' - 300m)
5380'	(3615' - 1100m)

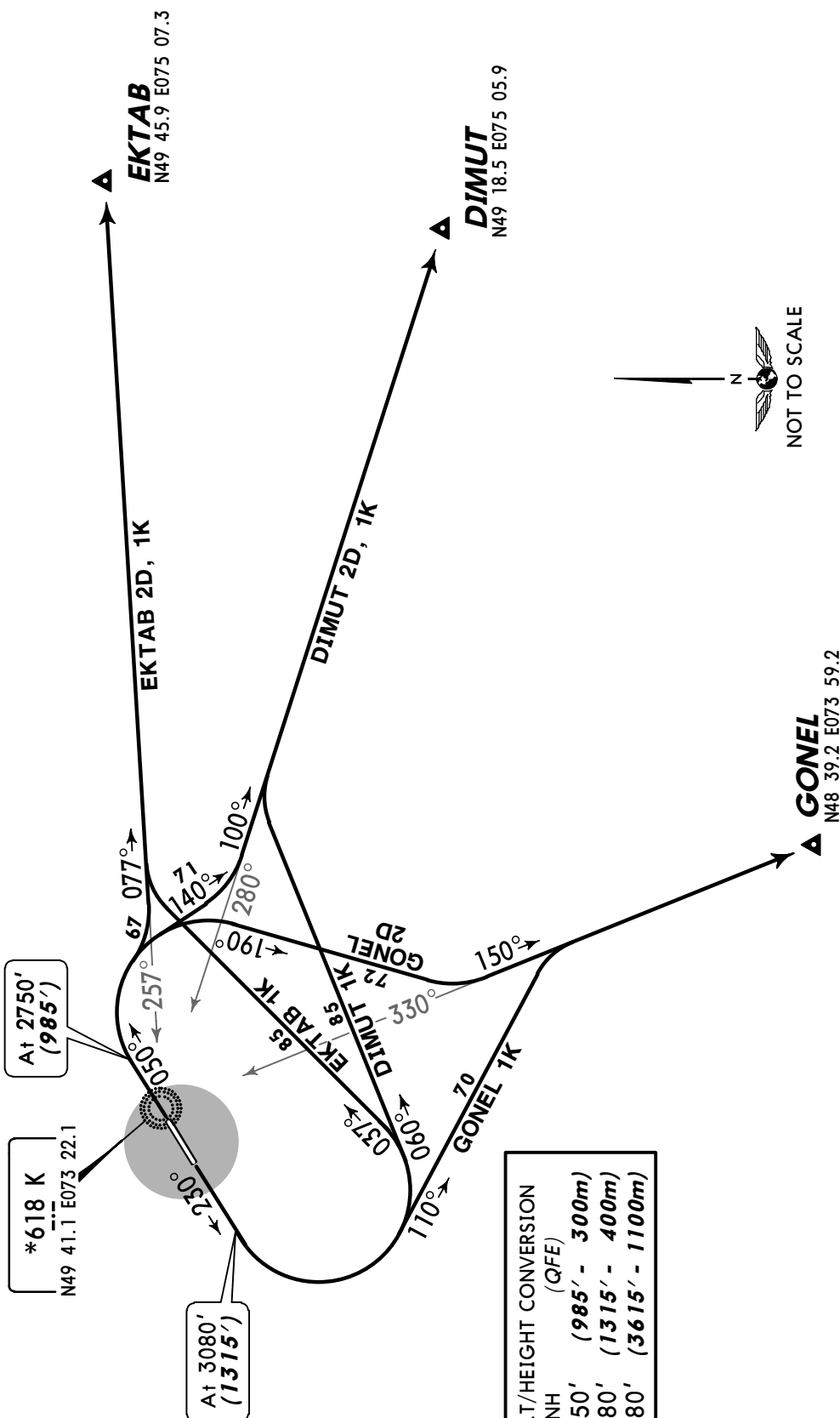


Apt Elev
1765'

QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (**3615'**)
Crossing FL at airway entry points by ATC.

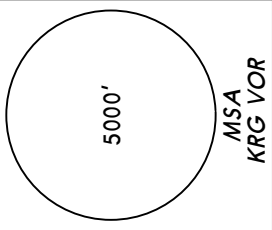


DIMUT 2D [*DIMU2D*], **DIMUT 1K** [*DIMU1K*]
EKTAB 2D [*EKTA2D*], **EKTAB 1K** [*EKTA1K*]
GONEL 2D [*GONE2D*], **GONEL 1K** [*GONE1K*]
RWYS 05, 23 DEPARTURES
BASED ON K

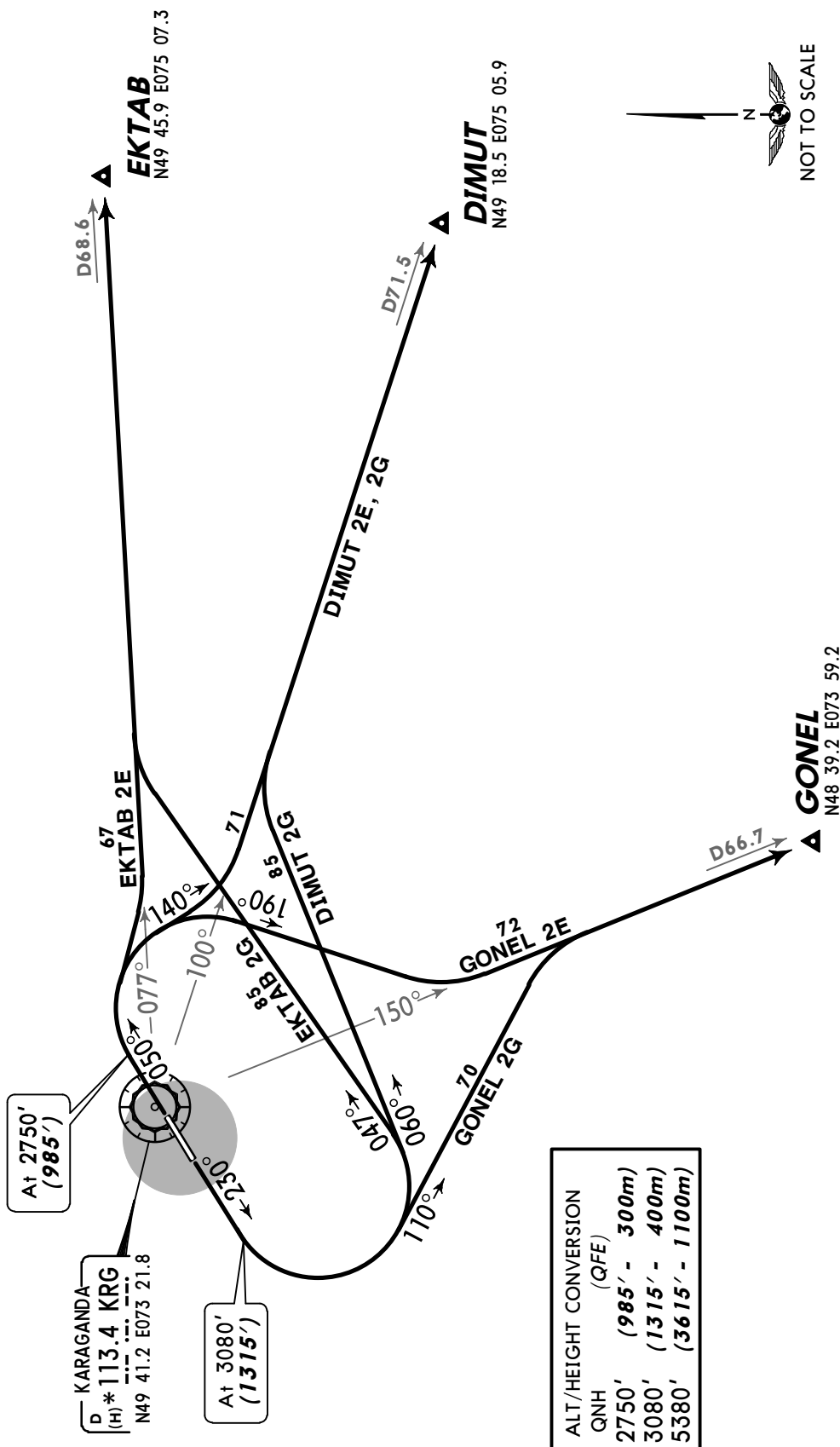


Apt Elev
1765'

QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway entry points by ATC.



DIMUT 2E [DIMU2E], DIMUT 2G [DIMU2G]
EKTAB 2E [EKTA2E], EKTAB 2G [EKTA2G]
GONEL 2E [GONE2E], GONEL 2G [GONE2G]
RWYS 05, 23 DEPARTURES
BASED ON KRG



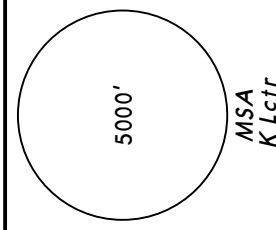
Apt Elev
1765'QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway entry points by ATC.

ROUTING

SID	RWY
AMELU 2D	05
AMELU 1K	23
BEDKA 2D	05
BEDKA 1K	23
NEDRO 2D	05
NEDRO 1K	23

Climb to 2750' (985'), turn LEFT, 234° track, intercept 274° bearing from K to AMELU.
Climb to 2430' (665'), turn RIGHT, 314° track, intercept 274° bearing from K to AMELU.
Climb to 2750' (985'), turn LEFT, 259° track, intercept 299° bearing from K to BEDKA.
Climb to 2430' (665'), turn RIGHT, 339° track, intercept 299° bearing from K to BEDKA.
Climb to 2750' (985'), turn LEFT, 196° track, intercept 236° bearing from K to NEDRO.
Climb to 2430' (665'), turn RIGHT, 236° track to NEDRO.

AMELU 2D [AMEL2D]
AMELU 1K [AMEL1K]
BEDKA 2D [BEDK2D]
BEDKA 1K [BEDK1K]
NEDRO 2D [NEDR2D]
NEDRO 1K [NEDR1K]
RWYS 05, 23 DEPARTURES
BASED ON K



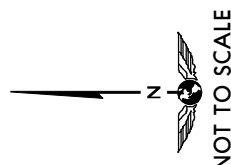
ALT/HEIGHT CONVERSION
QNH (QFE)
2430' (665' - 200m)
2750' (985' - 300m)
4390' (2625' - 800m)
5380' (3615' - 1100m)

BEDKA
N50 13.3 E072 15.8

BS
KARAGANDA
*263 KR
*747 KR
N49 47.0 E073 02.0

AMELU
N49 52.9 E071 43.5

Taldy-Kuduk



NEDRO
N49 16.4 E072 05.0

① During flight activity at Taldy-Kuduk airport proceed via KR to AMELU and BEDKA. Cross KR at or above 4390' (2625').

Apt Elev
1765'

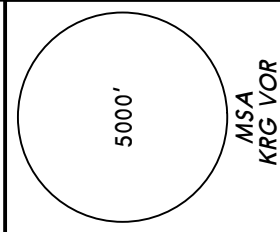
QNH on request (QFE)
Trans level: FL70 Trans alt: 5380' (3615')
Crossing FL at airway entry points by ATC.

ROUTING

SID	RWY
AMELU 2E	05
AMELU 2G	23
BEDKA 2E	05
BEDKA 2G	23
NEDRO 2E	05
NEDRO 2G	23

Climb to 2750' (985'), turn LEFT, 233° track, intercept KRG R-273 to AMELU.
Climb to 2430' (665'), turn RIGHT, 313° track, intercept KRG R-273 to AMELU.
Climb to 2750' (985'), turn LEFT, 259° track, intercept KRG R-299 to BEDKA.
Climb to 2430' (665'), turn RIGHT, 339° track, intercept KRG R-299 to BEDKA.
Climb to 2750' (985'), turn LEFT, 196° track, intercept KRG R-236 to NEDRO.
Climb to 2430' (665'), turn RIGHT, intercept KRG R-236 to NEDRO.

AMELU 2E [AMEL2E]
AMELU 2G [AMEL2G]
BEDKA 2E [BEDK2E]
BEDKA 2G [BEDK2G]
NEDRO 2E [NEDR2E]
NEDRO 2G [NEDR2G]
RWYS 05, 23 DEPARTURES
BASED ON KRG


BEDKA

N50 13.3 E072 15.8


AMELU

N49 52.9 E071 43.5



BS
KARAGANDA
*263 KR
*747 KR
N49 47.0 E073 02.0

Taldy-Kuduk

AMELU 2G 1

BEDKA 2E 60

←259°

←233°

←196°

←273°

←339°

←313°

←236°

←259°

←233°

←196°

←273°

←339°

←313°

←236°

←259°

←233°

←196°

←273°

←339°

←313°

←236°

←259°

←233°

←196°

←273°

←339°

←313°

←236°

←259°

←233°

←196°

A+ 2750' (985')

KARAGANDA
D (H) *113.4 KRG
N49 41.2 E073 21.8

A+ 2430' (665')

1 During flight activity at Taldy-Kuduk airport proceed via KR to AMELU and BEDKA. Cross KR at or above 4390' (2625').

NEDRO

N49 16.4 E072 05.0



ALT/HEIGHT CONVERSION

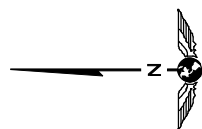
QNH (QFE)

2430' (665' - 200m)

2750' (985' - 300m)

4390' (2625' - 800m)

5380' (3615' - 1100m)



NOT TO SCALE

5000'

MSA
K Lctr

BANOS 2D, 1K

DET0V 2D, 1K

NOT TO SCALE

① During flight activity at Taldy-Kuduk airport proceed via KR to BANOS and LESNA. Cross KR at or above 4390' (**2625'**).

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2430'	(665' - 200m)
2750'	(985' - 300m)
4390'	(2625' - 800m)
5380'	(3615' - 1100m)

BS
KARAGANDA
*263 KR
*747 KR
N49 47.0 E073 02.0

Taldy-Kuduk

BANOS 1K ①
DETOV 1K
LESNA 1K ①

***618 K**

SID	RWY	ROUTING
BANOS 2D	05	Climb to 2750' (985'), turn LEFT, 269° track, intercept 309° bearing from K to BANOS.
BANOS 1K	23	Climb to 2430' (665'), turn RIGHT, 349° track, intercept 309° bearing from K to BANOS.
DETOV 2D	05	Climb to 2750' (985'), turn LEFT, 302° track, intercept 342° bearing from K to DETOV.
DETOV 1K	23	Climb to 2430' (665'), turn RIGHT, 022° track, intercept 342° bearing from K to DETOV.
LESNA 2D	05	Climb to 2750' (985'), turn LEFT, 280° track, intercept 320° bearing from K to LESNA.
LESNA 1K	23	Climb to 2430' (665'), turn RIGHT, 360° track, intercept 320° bearing from K to LESNA.

QNH on request (**QFE**)
Trans level: FL70 Trans alt: 5380' (**3615'**)
Crossing FL at airway entry points by ATC.

MSA
KRG VOR

DETOV
N50 15.9 E073 12.6

BANOS
N50 11.3 E072 38.7

LESNA
N50 13.0 E072 51.5

D37.4

BANOS 2E, 2G

LESNA 2E, 2G

LESNA
2G
1

DETÖV 2G⁴⁴

DETOV 2E

1 During flight activity at Taldy-Kuduk airport proceed via KR to BANOS and LESNA. Cross KR at or above 4390' (**2625'**).

BS
KARAGANDA
*263 KR
*747 KR
N49 47.0 E073 02.0

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2430'	(665' - 200m)
2750'	(985' - 300m)
4390'	(2625' - 800m)
5380'	(3615' - 1100m)

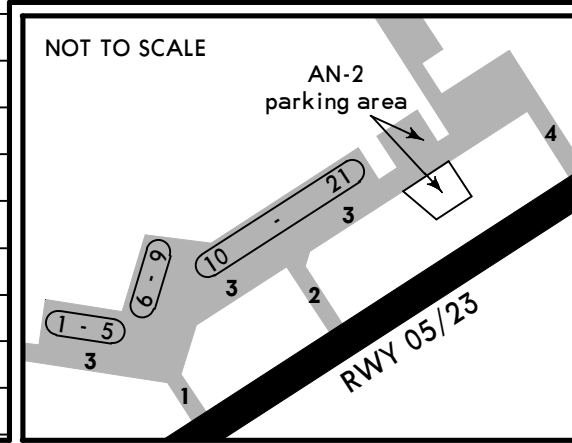
Taldy-Kuduk

At 2750'
(985')

At 2430'
(665')

KARAGANDA
D
(H) * 113.4 KRG
N49 41.2 E073 21.8

SID	RWY	ROUTING
BANOS 2E	05	Climb to 2750' (985'), turn LEFT, 269° track, intercept KRG R-309 to BANOS.
BANOS 2G	23	Climb to 2430' (665'), turn RIGHT, 349° track, intercept KRG R-309 to BANOS.
DETOV 2E	05	Climb to 2750' (985'), turn LEFT, 302° track, intercept KRG R-342 to DETOV.
DETOV 2G	23	Climb to 2430' (665'), turn RIGHT, 022° track, intercept KRG R-342 to DETOV.
LESNA 2E	05	Climb to 2750' (985'), turn LEFT, 280° track, intercept KRG R-320 to LESNA.
LESNA 2G	23	Climb to 2430' (665'), turn RIGHT, 360° track, intercept KRG R-320 to LESNA.

[illegible]

1 LVP must be in force: 300m.

STRAIGHT-IN RWY		A	B	C	D
05	ILS	1965'(200')	1965'(200')	1965'(200')	1965'(200')
	FULL	R550m/V800m	R550m/V800m	R550m/V800m	R550m/V800m
	Limited	R750m/V800m	R750m/V800m	R750m/V800m	R750m/V800m
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ❶	2130'(365')	2130'(365')	2130'(365')	2130'(365')
23	FULL	1000m	1000m	1000m	1400m
	ALS out	1500m	1500m	1700m	1700m
	NDB ❶ ❷	2660'(895')	2660'(895')	2660'(895')	2660'(895')
		1500m	1500m	2400m	2400m
	NDB ❸	2660'(895')	2660'(895')	2660'(895')	2660'(895')
	ALS out	3500m	3500m	3700m	3700m
		4200m	4200m	4400m	4400m
	ILS	1952'(200')	1952'(200')	1952'(200')	1952'(200')
	FULL	R550m/V800m	R550m/V800m	R550m/V800m	R550m/V800m
	Limited	R750m/V800m	R750m/V800m	R750m/V800m	R750m/V800m
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ❶	2410'(658')	2410'(658')	2450'(698')	2450'(698')
	FULL	1500m	1500m	2500m	2500m
	ALS out	1500m	1500m	3200m	3200m
	2 NDB ❶	2110'(358')	2110'(358')	2110'(358')	2110'(358')
		900m	1000m	1000m	1400m
	ALS out	1500m	1500m	1600m	1600m
	NDB ❶ ❷	2540'(788')	2540'(788')	2540'(788')	2540'(788')
		1500m	1500m	2400m	2400m
	NDB ❸	2540'(788')	2540'(788')	2540'(788')	2540'(788')
		3100m	3100m	3300m	3300m
	ALS out	3800m	3800m	4000m	4000m

❶ Continuous Descent Final Approach

❷ with FMS

❸ w/o FMS

TAKE-OFF RWY 05, 23

DAY			NIGHT
RL	RCLM	NIL	RL
A B C D	400m ❶	500m	400m ❶
	500m		400m

❶ LVP must be in force: 300m.

STRAIGHT-IN RWY		A	B	C	D
05	ILS	1965' (200')	1965' (200')	1965' (200')	1965' (200')
		R550m/V800m	R550m/V800m	R550m/V800m	R550m/V800m
	<i>ALS out</i>	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR DME	2130' (365')	2130' (365')	2130' (365')	2130' (365')
	<i>ALS out</i>	900m 1500m	1000m 1500m	1000m 1800m	1400m 2000m
23	NDB	2660' (895')	2660' (895')	2660' (895')	2660' (895')
	<i>ALS out</i>	1200m 1500m	1400m 1500m	1400m 2000m	1800m 2000m
	ILS	1952' (200')	1952' (200')	1952' (200')	1952' (200')
		R550m/V800m	R550m/V800m	R550m/V800m	R550m/V800m
	<i>ALS out</i>	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
23	VOR DME	2410' (658')	2410' (658')	2450' (698')	2450' (698')
	<i>ALS out</i>	1200m 1500m	1400m 1500m	1400m 2000m	1800m 2000m
	2 NDB	2090' (338')	2090' (338')	2090' (338')	2090' (338')
	<i>ALS out</i>	900m 1500m	1000m 1500m	1000m 1800m	1400m 2000m
	NDB	2540' (788')	2540' (788')	2540' (788')	2540' (788')
	<i>ALS out</i>	1200m 1500m	1400m 1500m	1400m 2000m	1800m 2000m

TAKE-OFF RWY 05, 23

DAY			NIGHT
RL	RCLM	NIL	RL
400m I	400m I	500m	400m I
	500m		400m

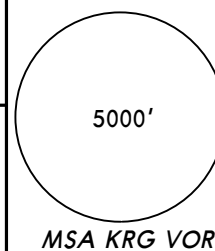
I LVP must be in force: 300m.

KARAGANDA Tower

122.0

BRIEFING STRIP

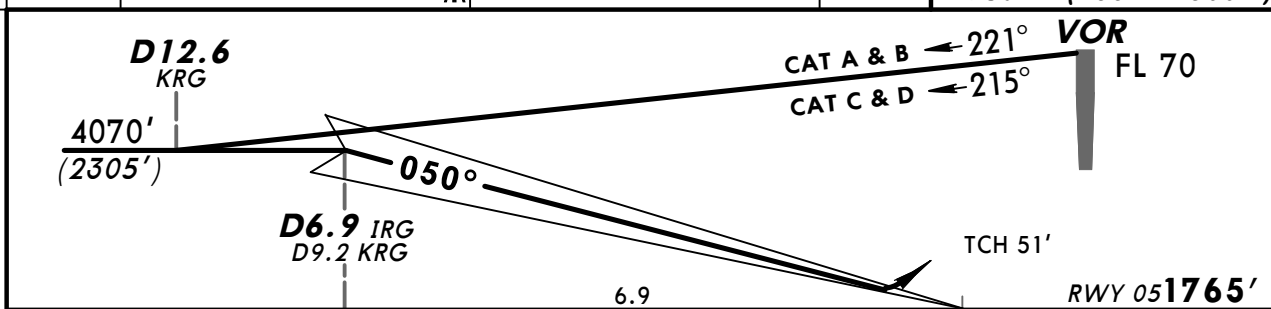
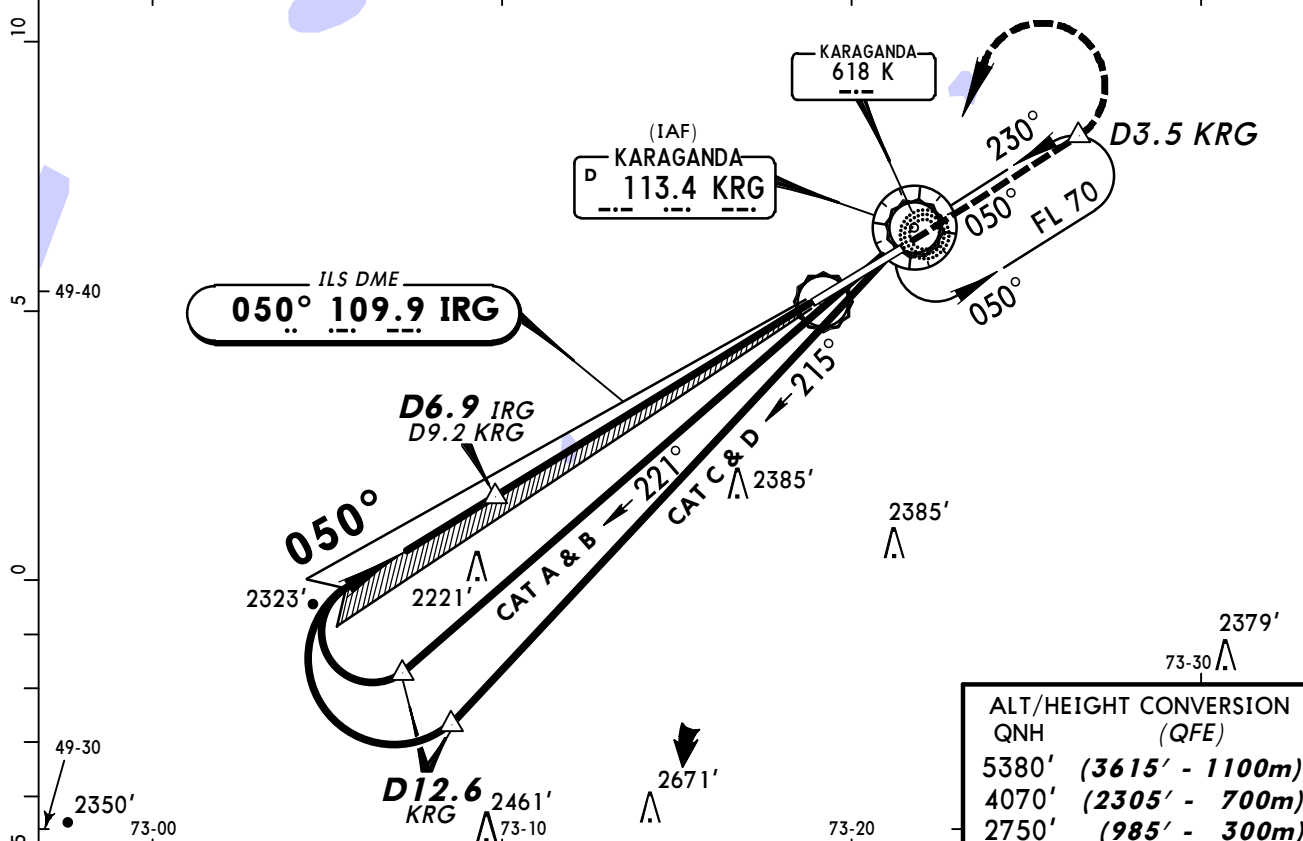
LOC IRG	Final Apch Crs	GS D6.9 IRG	ILS DA(H)	Apt Elev
109.9	050°	4070' (2305')	1965' (200')	1765'
				RWY 1765'



MISSED APCH: Climb on 050° to 2750' (985') or above to D3.5 KRG, then turn LEFT to VOR. Climb initially to 4070' (2305'), then as directed.

MISSED APCH WITH COMM FAILURE: Climb to FL 70 to VOR and join holding. Turns restricted to MAX 225 KT.

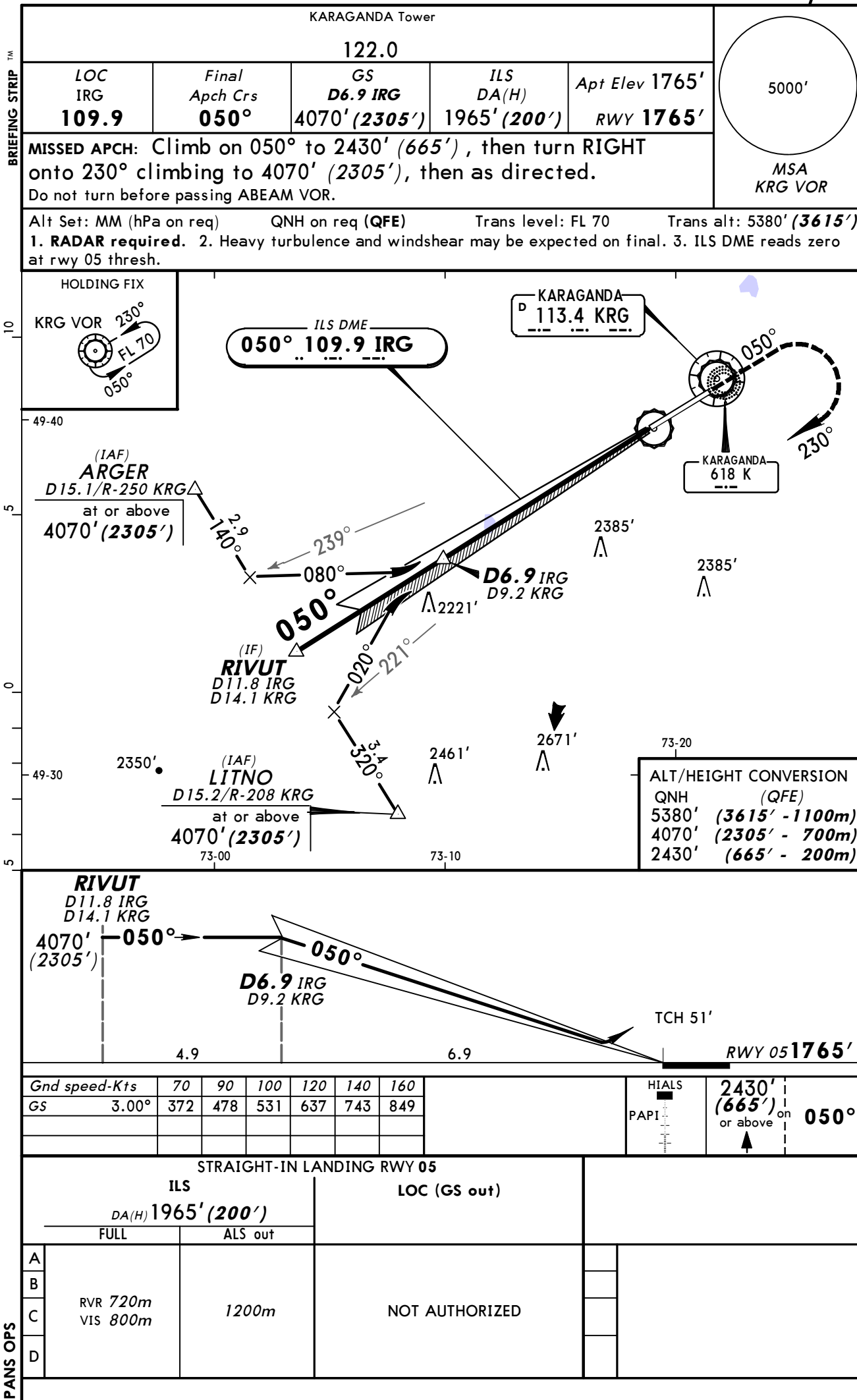
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 5380' (3615')
1. Initial apch restricted to MAX 195 KT. 2. Heavy turbulence and windshear may be expected on final.
3. ILS DME reads zero at rwy 05 thresh.



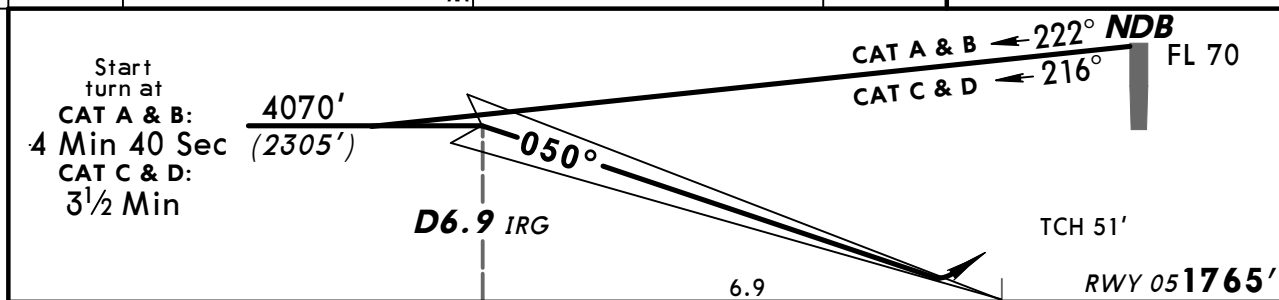
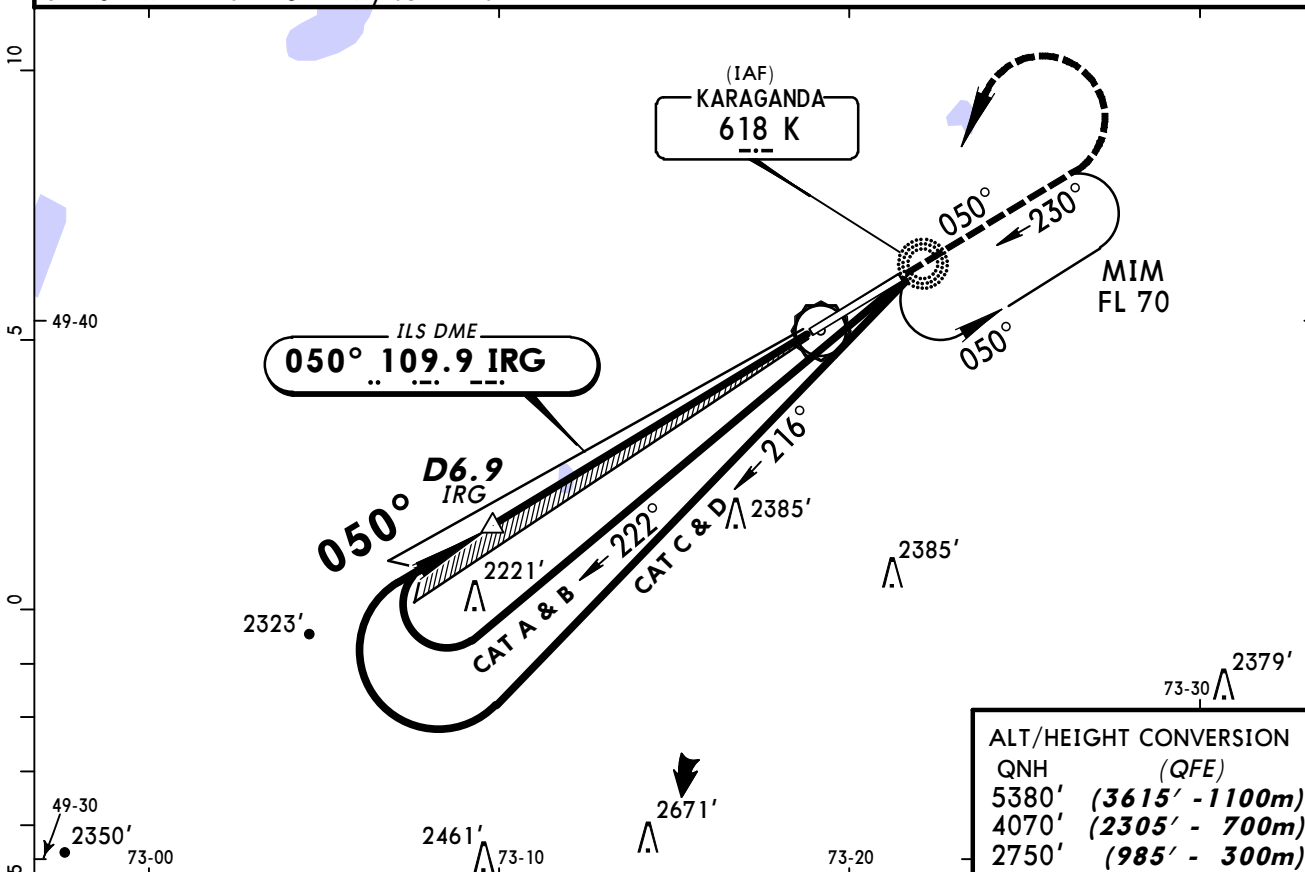
Gnd speed-Kts	70	90	100	120	140	160	HIALS	2750' (985') or above	050°	D3.5 KRG
GS	3.00°	372	478	531	637	743	849			

STRAIGHT-IN LANDING RWY 05			
ILS		LOC (GS out)	
DA(H) 1965' (200')			
FULL	ALS out		
A			
B			
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED
D			

PANS OPS

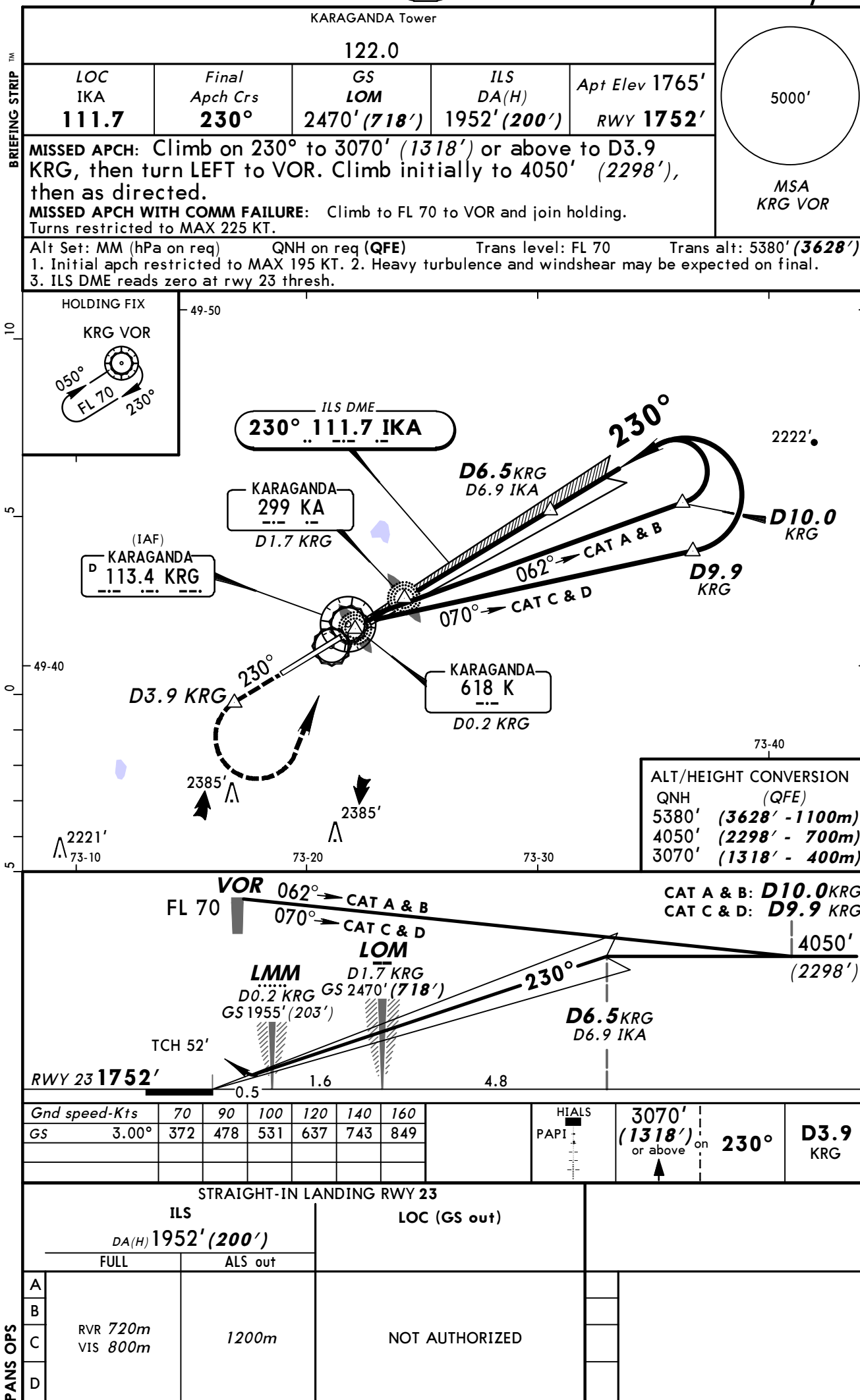


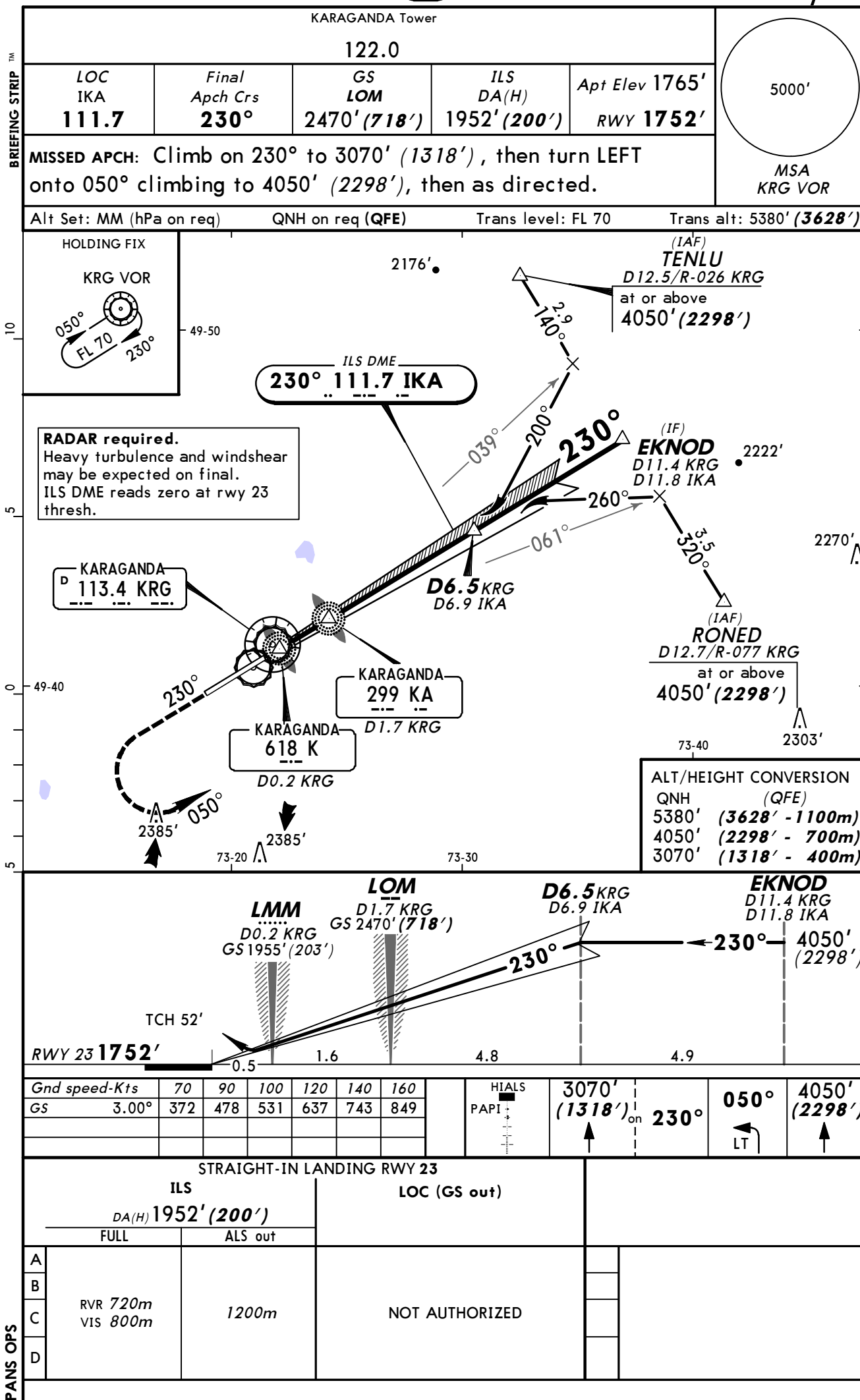
KARAGANDA Tower					5000' MSA K NDB
122.0					
LOC IRG 109.9	Final Apch Crs 050°	GS D6.9 IRG 4070' (2305')	ILS DA(H) 1965' (200')	Apt Elev 1765' RWY 1765'	
MISSED APCH: Climb on 050° to 2750' (985') or above. After passing NDB maintain 050° for 1½ Min, then turn LEFT to NDB. Climb initially to 4070' (2305'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 70 to NDB and join holding. Turns restricted to MAX 225 KT.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 5380' (3615') 1. Initial apch restricted to MAX 195 KT. 2. Heavy turbulence and windshear may be expected on final. 3. ILS DME reads zero at rwy 05 thresh.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	2750'	on or above 050°
GS	3.00°	372	478	531	637	743		(985')	

		STRAIGHT-IN LANDING RWY 05			
		ILS		LOC (GS out)	
		DA(H) 1965' (200')			
		FULL		ALS out	
A		RVR 720m VIS 800m		1200m	
B					
C					
D					
		NOT AUTHORIZED			





122.0

111.7

230°

2470' (718')

1952' (200')

RWY 1752'

5000'

Climb initially to 4050' (2298'), then as directed.

MISSED APCH WITH COMM FAILURE: Climb to FL 70 to K NDB and join holding.
Turns restricted to MAX 225 KT.

MSA K NDB

Alt Set: MM (hPa on req)

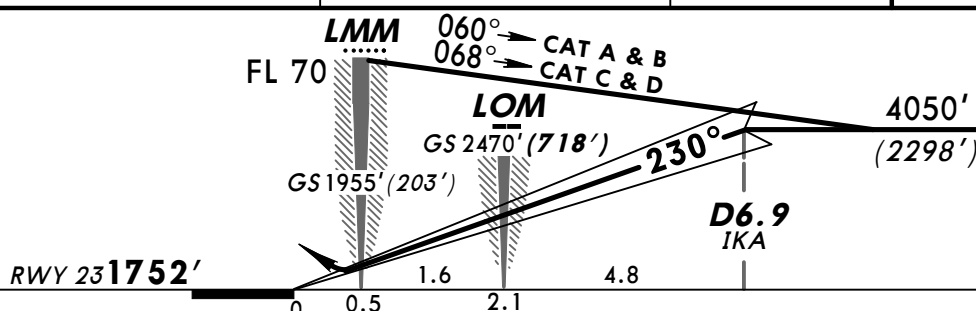
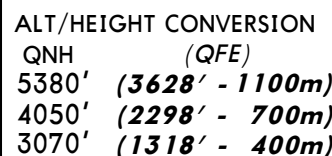
QNH on req (**QFE**)

Trans level: FL 70

Trans alt: 5380' (**3628'**)

1. Initial apch restricted to MAX 195 KT. 2. Heavy turbulence and windshear may be expected on final.

3. ILS DME reads zero at rwy 23 threshold.



Start
turn at
CAT A & B:
3½ Min
CAT C & D:
2 Min 40 Sec

HIALS
PAPI

3070'
(1318') on 230°
or above

STRAIGHT-IN LANDING RWY 23

ILS

LOC (GS out)

 $DA(H)$

1952' (200')

FULL	ALS out
------	---------

	D

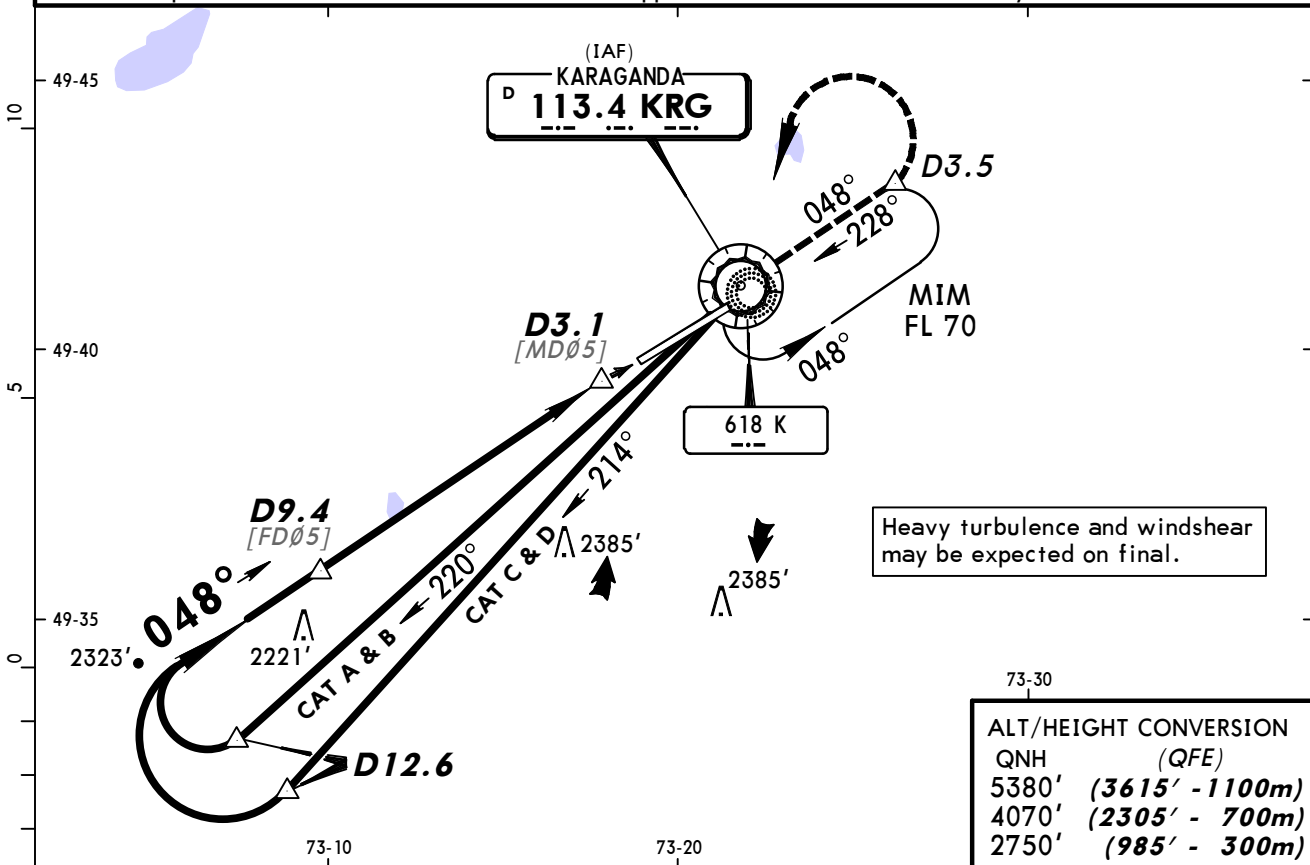
RVR 720m
VIS 800m

1200m

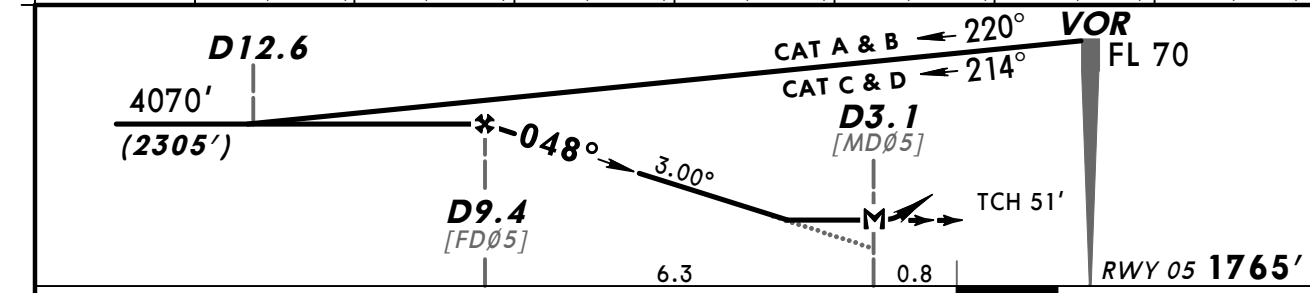
NOT AUTHORIZED

BRIEFING STRIP™

KARAGANDA Tower 122.0					5000' MSA KRG VOR
VOR KRG 113.4	Final Apch Crs 048°	Minimum Alt D9.4 4070'(2305')	MDA(H) 2130'(365')	Apt Elev 1765' RWY 1765'	
MISSED APCH: Climb on 048° to 2750' (985') or above to D3.5, then turn LEFT to VOR. Climb initially to 4070' (2305'), then as directed. MISSED APCH WITH COMM FAILURE: Climb to FL 70 to VOR and join holding. Turns restricted to MAX 225 KT.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 5380' (3615') 1. Initial apch restricted to MAX 195 KT. 2. Final approach track offset 2° from rwy centerline.					

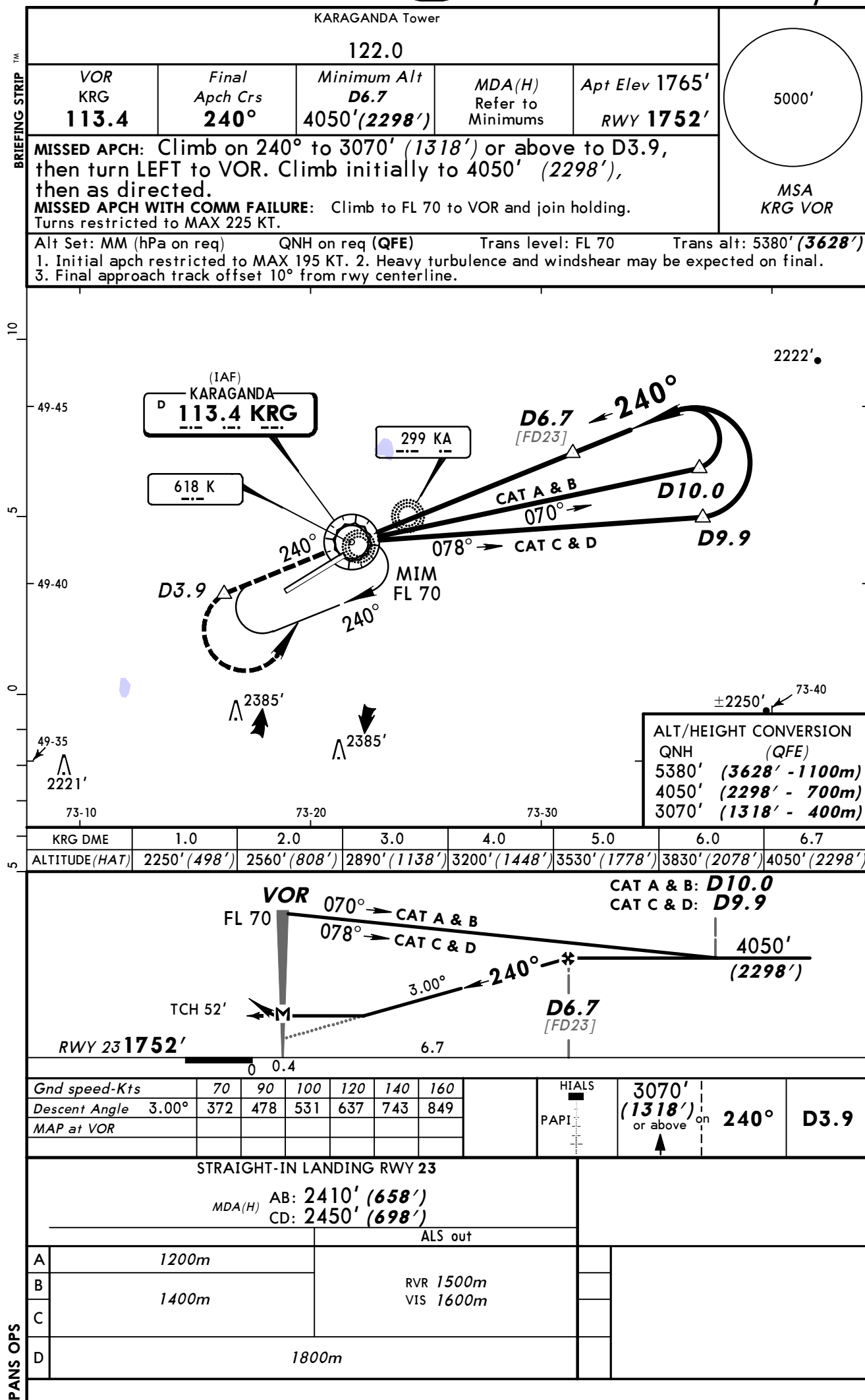


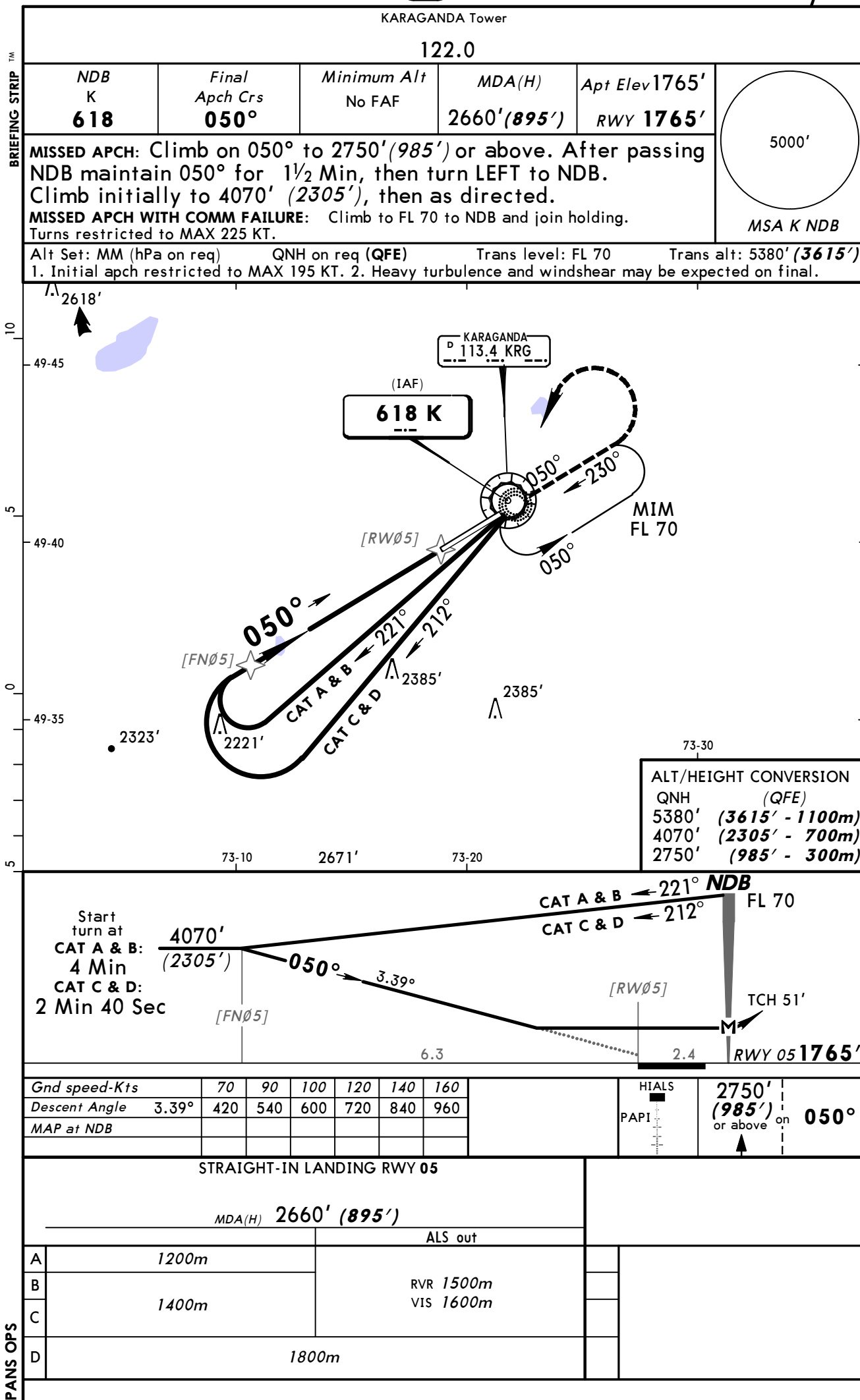
KRG DME	9.4	9.0	8.0	7.0	6.0	5.0	4.0
ALTITUDE (HAT)	4070' (2305')	3940' (2175')	3620' (1855')	3320' (1555')	2940' (1175')	2680' (915')	2350' (585')

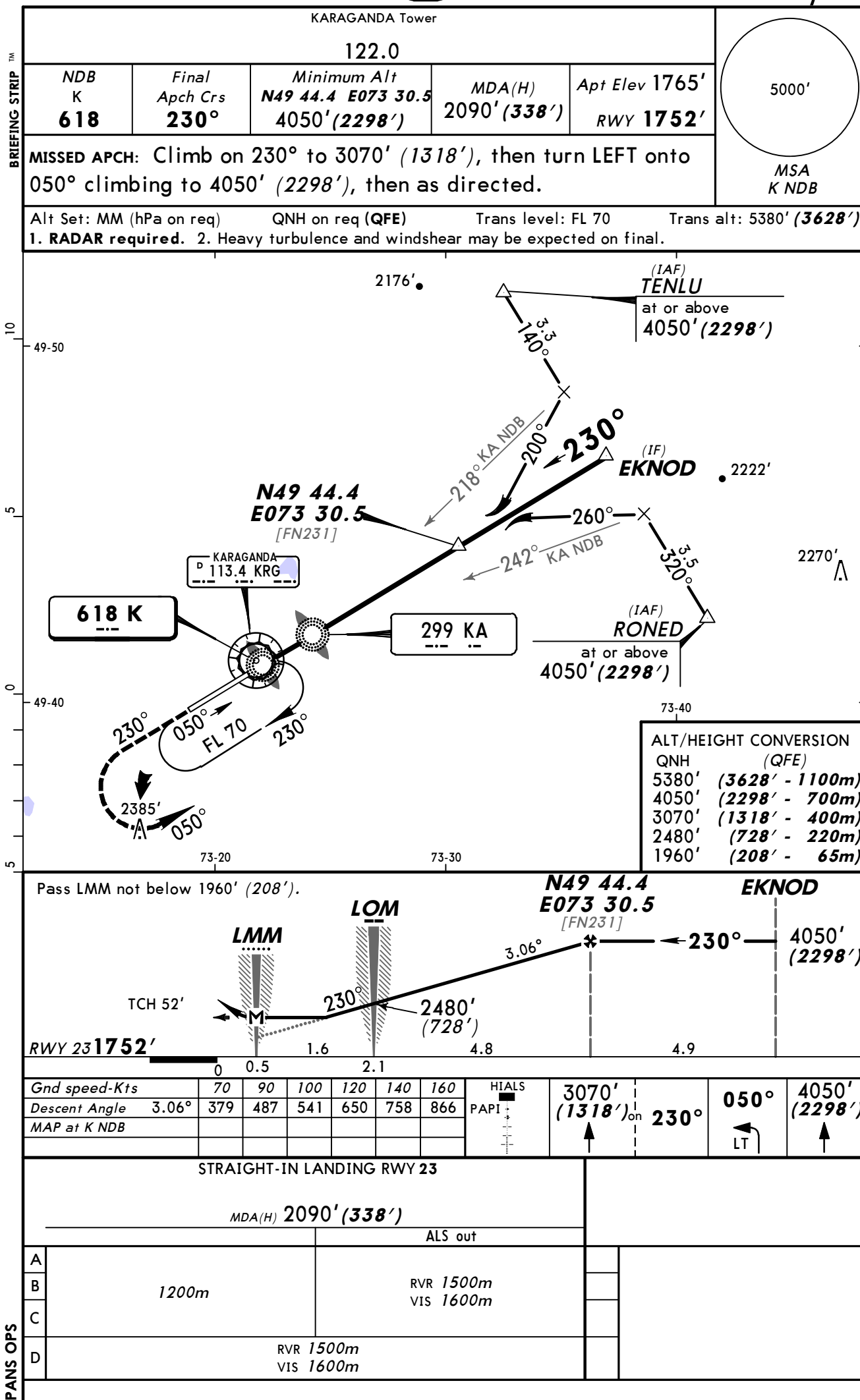


Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI 2750' (985') or above on 048° D3.5
Descent Angle 3.00°	372	478	531	637	743	849	
MAP at D3.1							

		STRAIGHT-IN LANDING RWY 05			
		MDA(H) 2130' (365')			
		ALS out			
A	900m	RVR 1500m VIS 1600m			
B					
C	1000m				
D	RVR 1500m VIS 1600m				







KARAGANDA Tower

122.0

NDB
K
618

Final
Apch Crs
230°

Minimum Alt
No FAF

MDA(H)
2540' (788')

Apt Elev 1765'
RWY 1752'

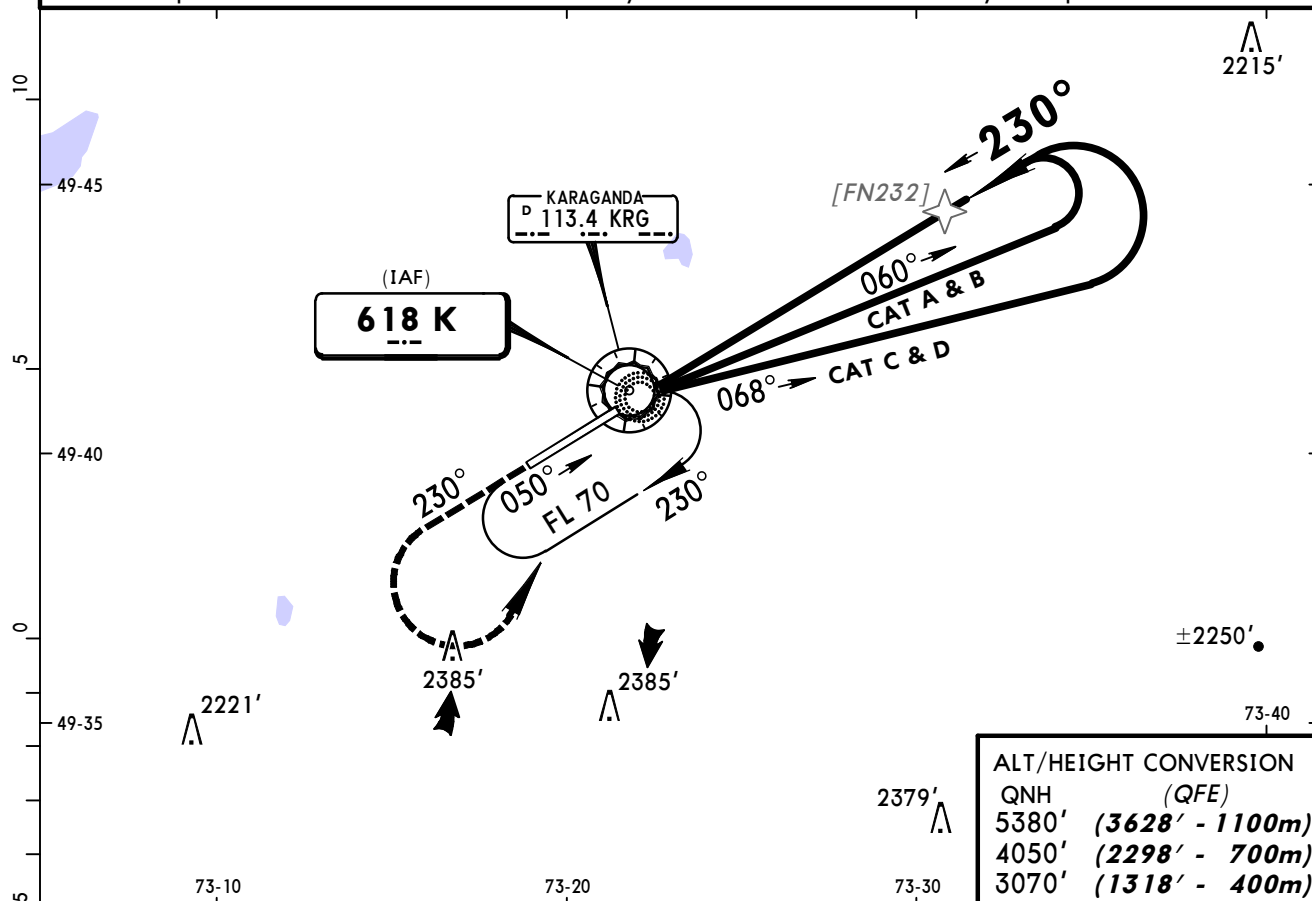
5000'

MISSED APCH: Climb on 230° to 3070' (1318') or above. After passing NDB maintain 230° for 1½ Min, then turn LEFT to NDB. Climb initially to 4050' (2298'), then as directed.

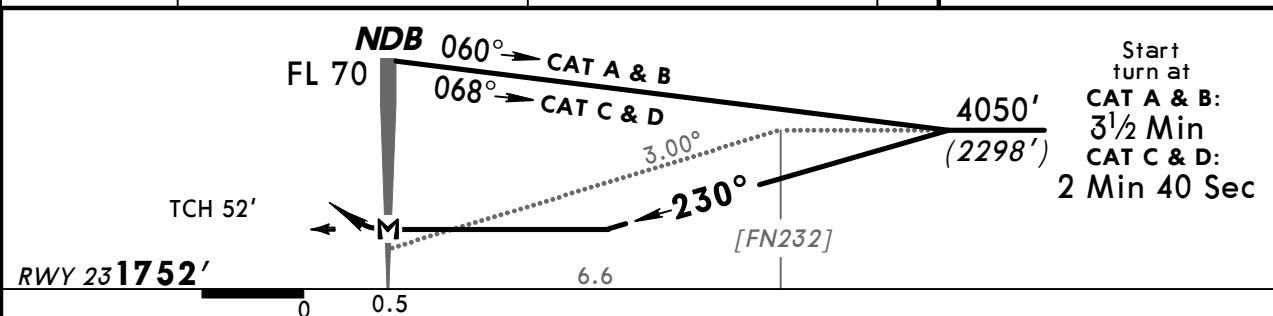
MISSED APCH WITH COMM FAILURE: Climb to FL 70 to NDB and join holding. Turns restricted to MAX 225 KT.

MSA K NDB

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 5380' (3628')
1. Initial apch restricted to MAX 195 KT. 2. Heavy turbulence and windshear may be expected on final.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5380'	(3628' - 1100m)
4050'	(2298' - 700m)
3070'	(1318' - 400m)



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849
MAP at NDB						

HIALS	3070' (1318') on 230° or above
PAPI	

STRAIGHT-IN LANDING RWY 23

MDA(H) 2540' (788')

ALS out

A	1200m	RVR 1500m VIS 1600m
B	1400m	
C		
D	1800m	

PANS OPS

KARAGANDA, (KARAGANDA - UAKK)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UAKK