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Airport Information For USTR

Terminal Charts For USTR

Revision Letter For Cycle 23-2013

Change Notices

Notebook

General Information

Location: Tyumen Rus
IATA Code: TJM
Lat/Long: N57° 10.1' E065° 19.0'
Elevation: 377 ft

Airport Use: Public
Magnetic Variation: 14.5°E

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

Sunrise: 0315 Z
Sunset: 1131 Z,

Runway Information

Runway: 03
Length x Width: 9852 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 368 ft
Lighting: Edge, ALS

Runway: 12
Length x Width: 8862 ft x 164 ft
Surface Type: asphalt
TDZ-Elev: 313 ft
Lighting: Edge, ALS

Runway: 21
Length x Width: 9852 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 339 ft
Lighting: Edge, ALS

Runway: 30
Length x Width: 8862 ft x 164 ft
Surface Type: asphalt
TDZ-Elev: 343 ft
Lighting: Edge, ALS

Communication Information

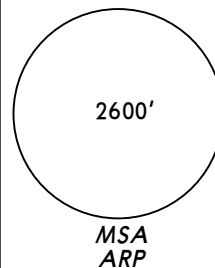
ATIS 121.7
Tyumen Taxiing Tower 119.0
Tyumen Start Tower 118.2
Tyumen Ground Control 118.9
Tyumen Approach Control 126.1

ATIS
121.7

Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2680' (2342')
Request clearance for GNSS approach from APP
on first contact.

(QFE)

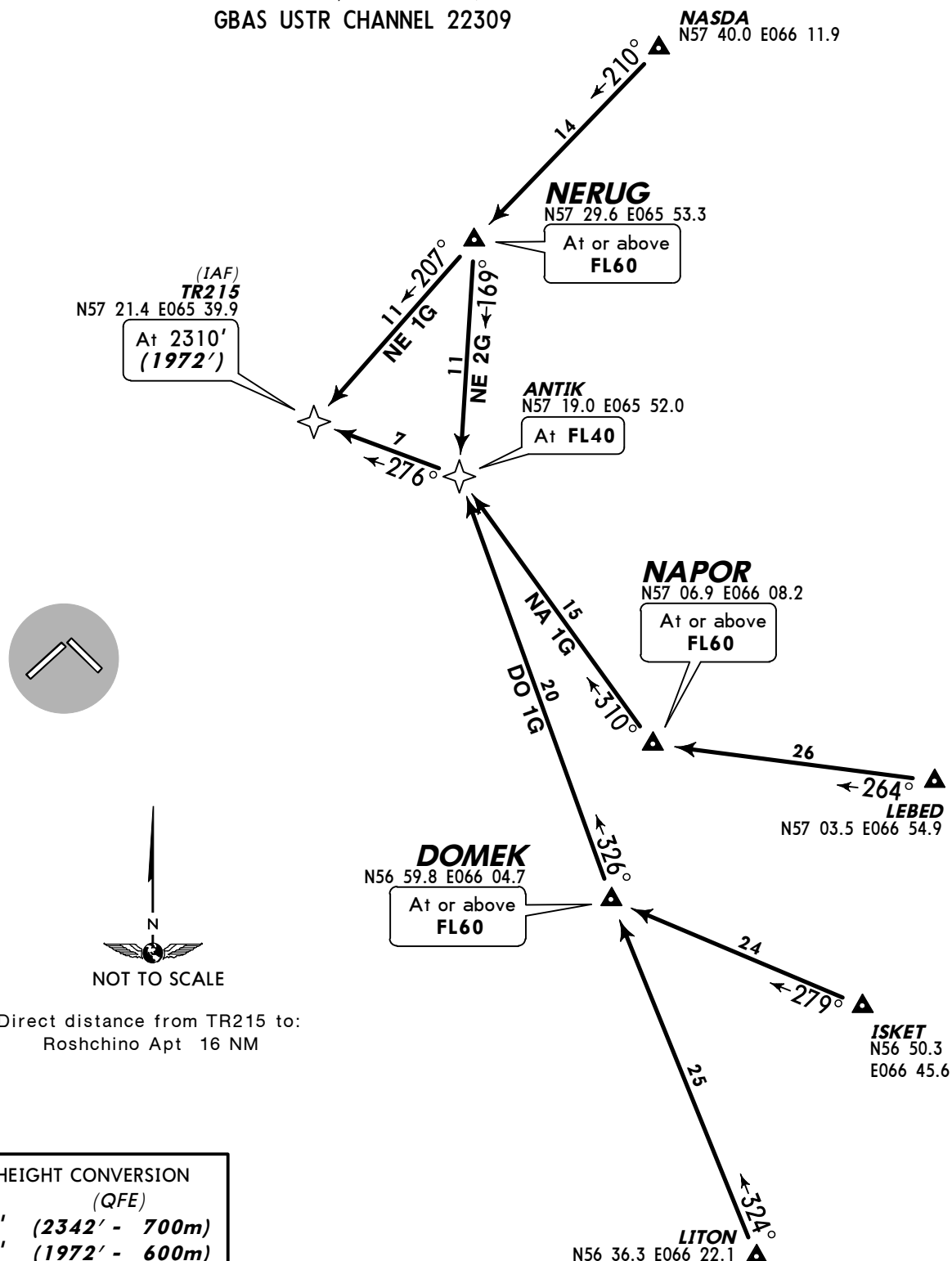


**DOMEK 1G (DO 1G), NAPOR 1G (NA 1G)
NERUG 1G (NE 1G), NERUG 2G (NE 2G)
RWY 21 RNAV ARRIVALS**

RNAV (GNSS)

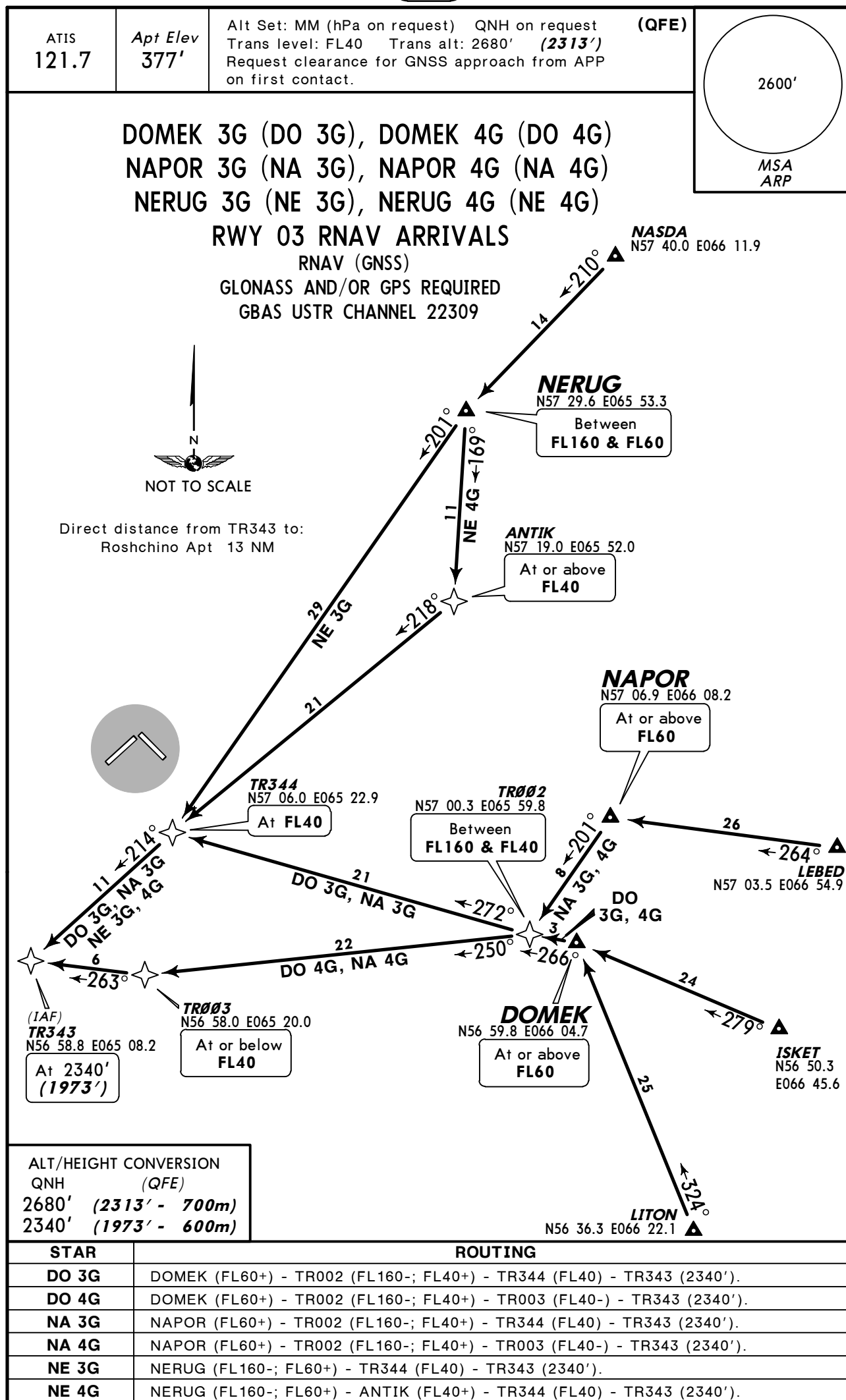
GLONASS AND/OR GPS REQUIRED

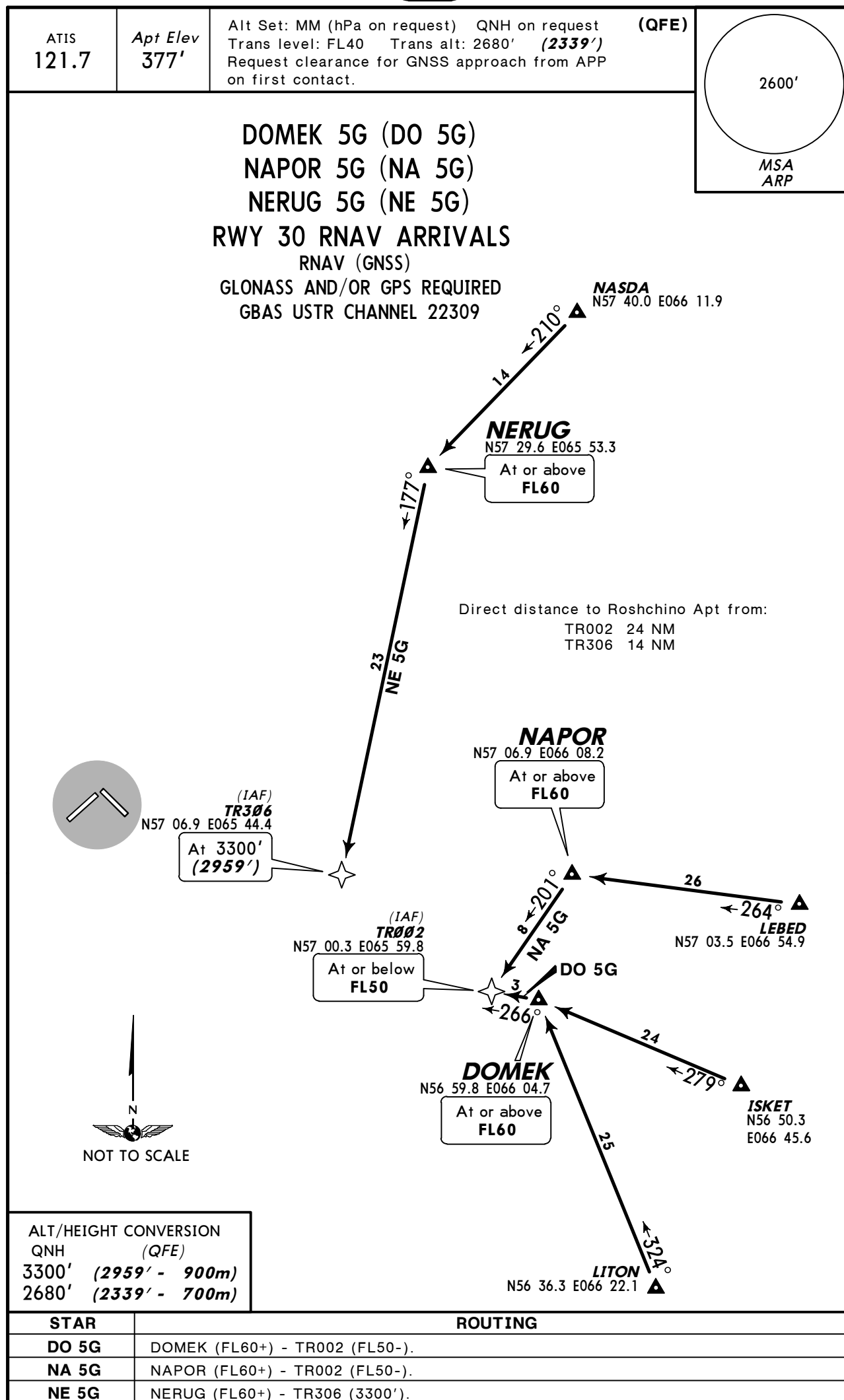
GBAS USTR CHANNEL 22309

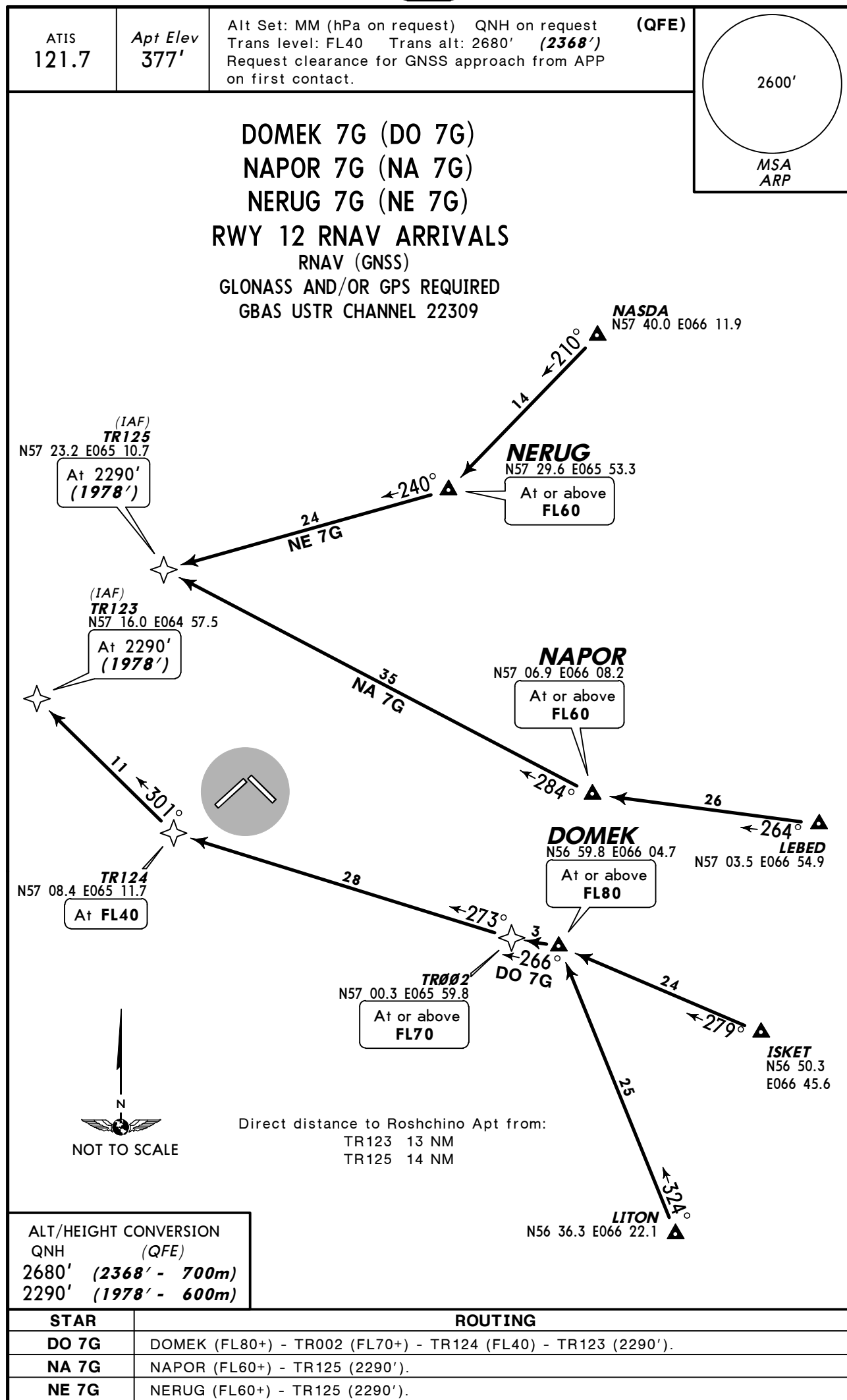


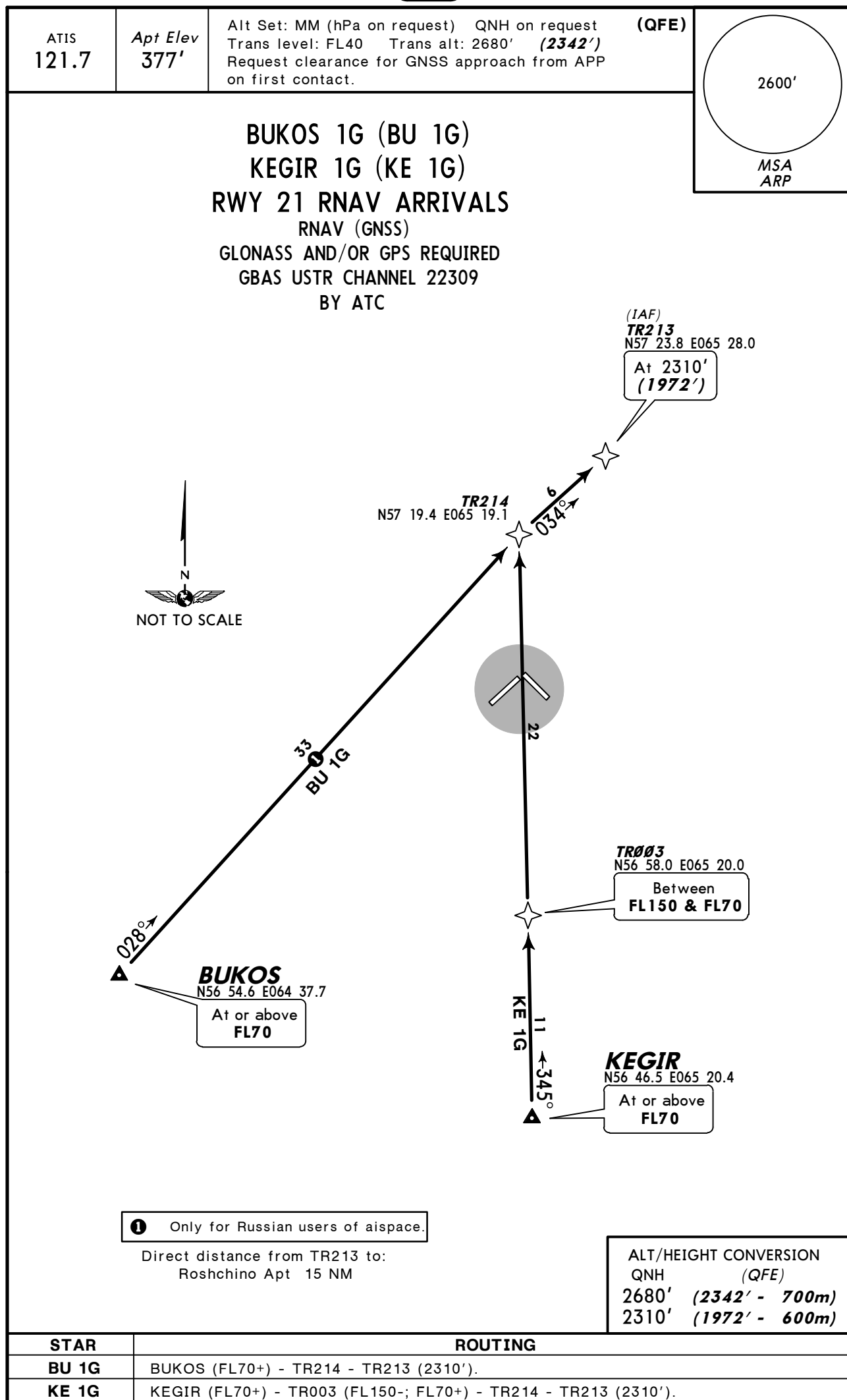
ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (2342' - 700m)
2310' (1972' - 600m)

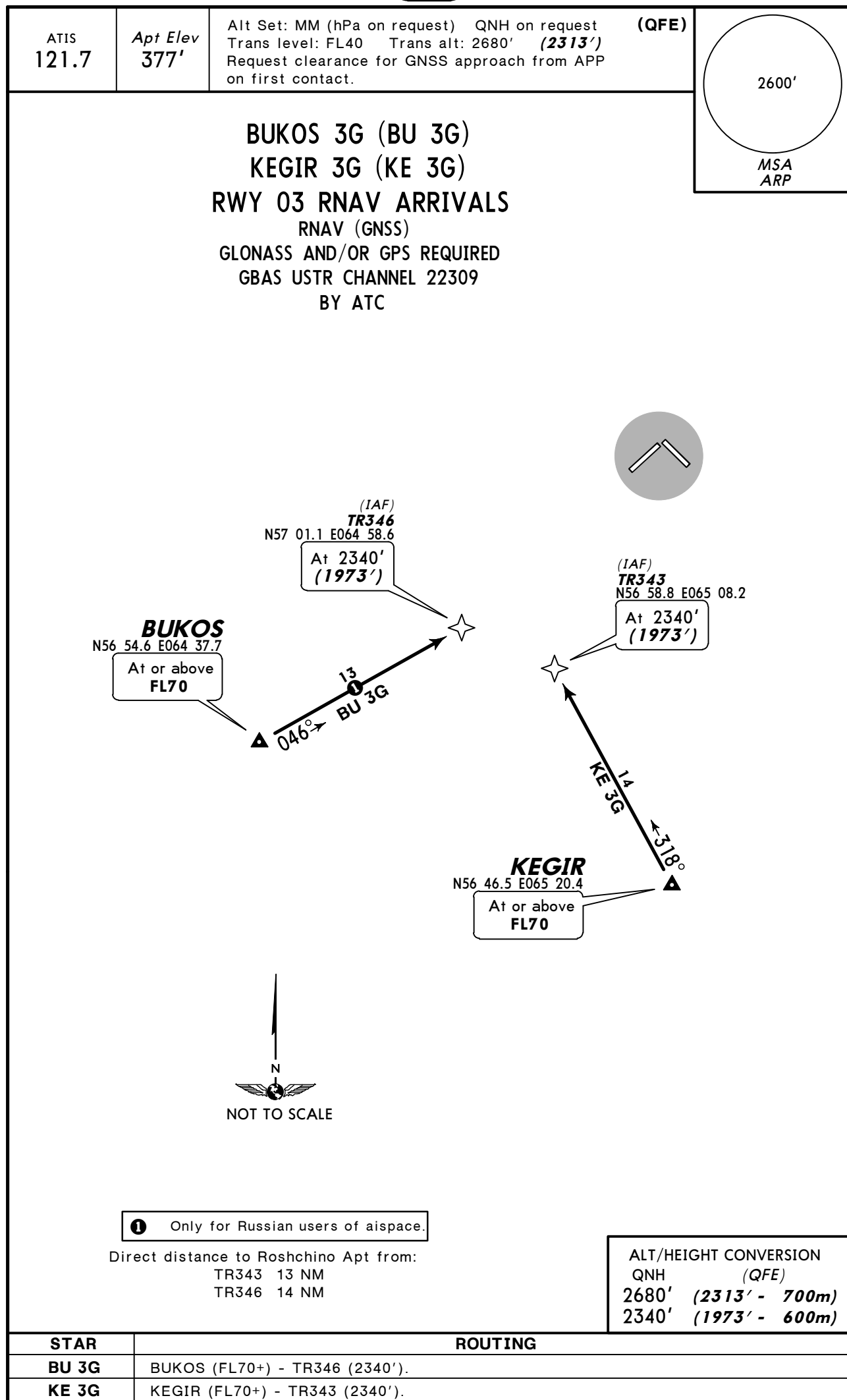
STAR	ROUTING
DO 1G	DOMEK (FL60+) - ANTİK (FL40) - TR215 (2310').
NA 1G	NAPOR (FL60+) - ANTİK (FL40) - TR215 (2310').
NE 1G	NERUG (FL60+) - TR215 (2310').
NE 2G	NERUG (FL60+) - ANTİK (FL40) - TR215 (2310').

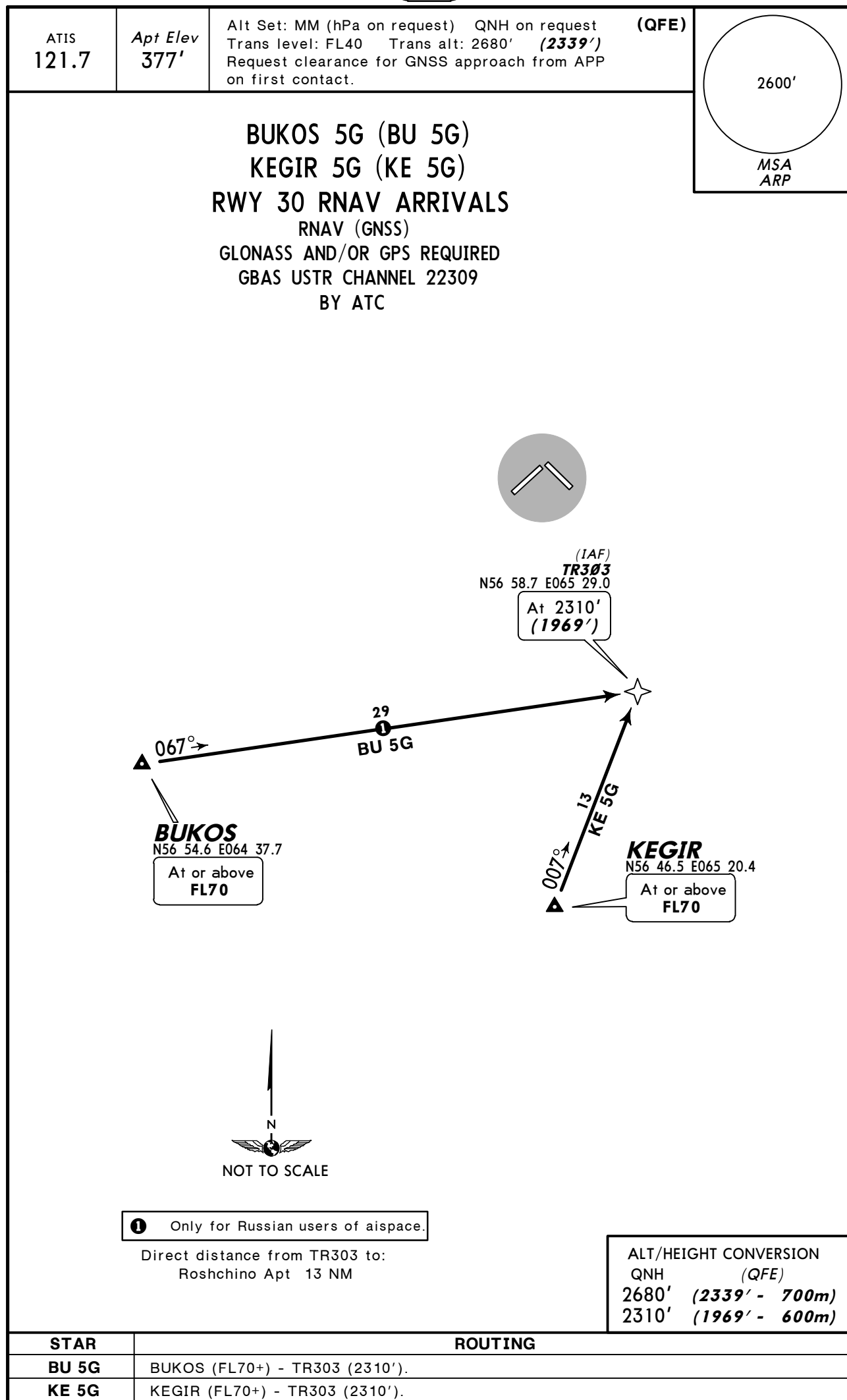


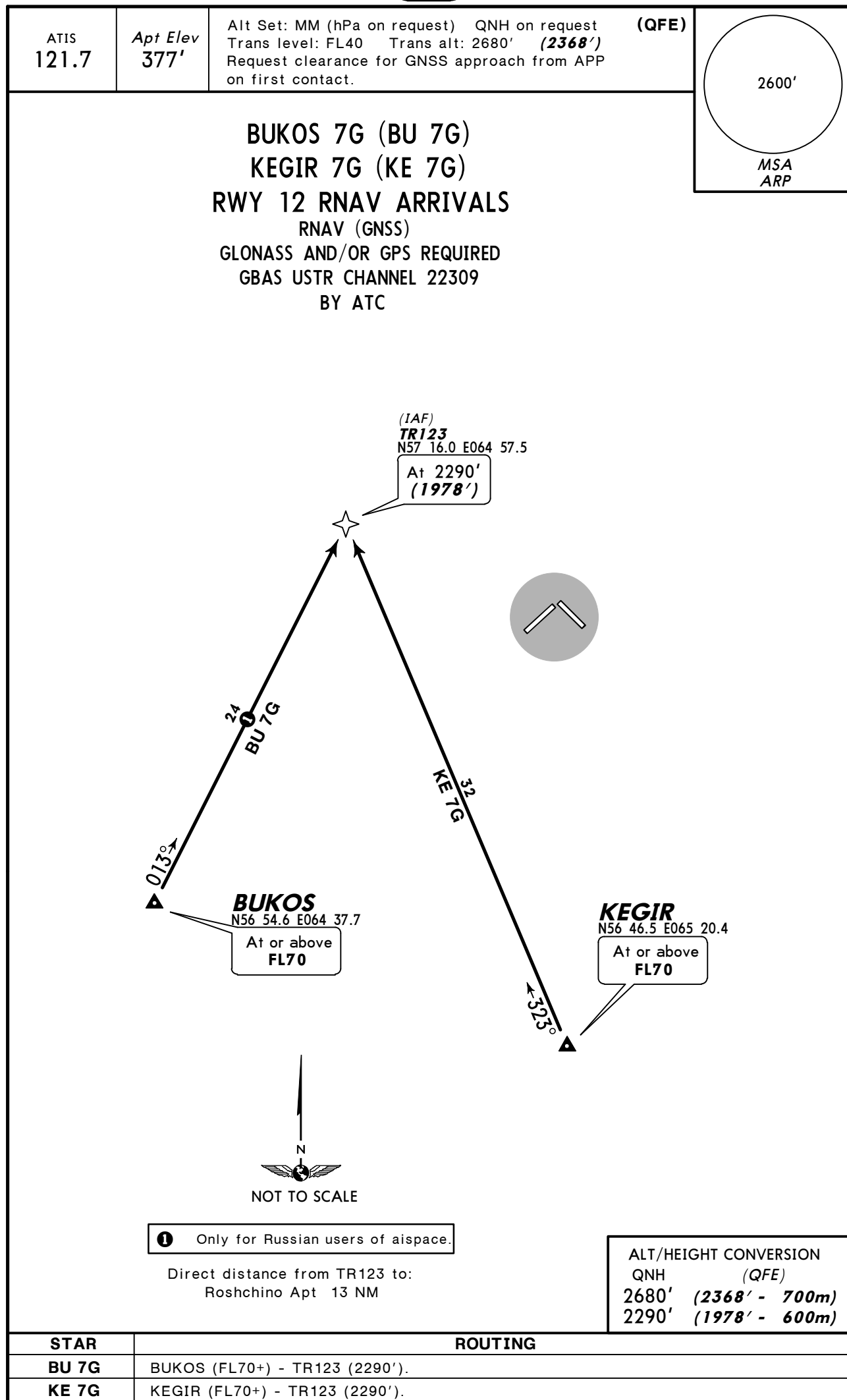










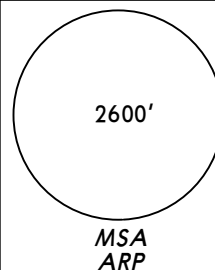


ATIS
121.7

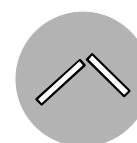
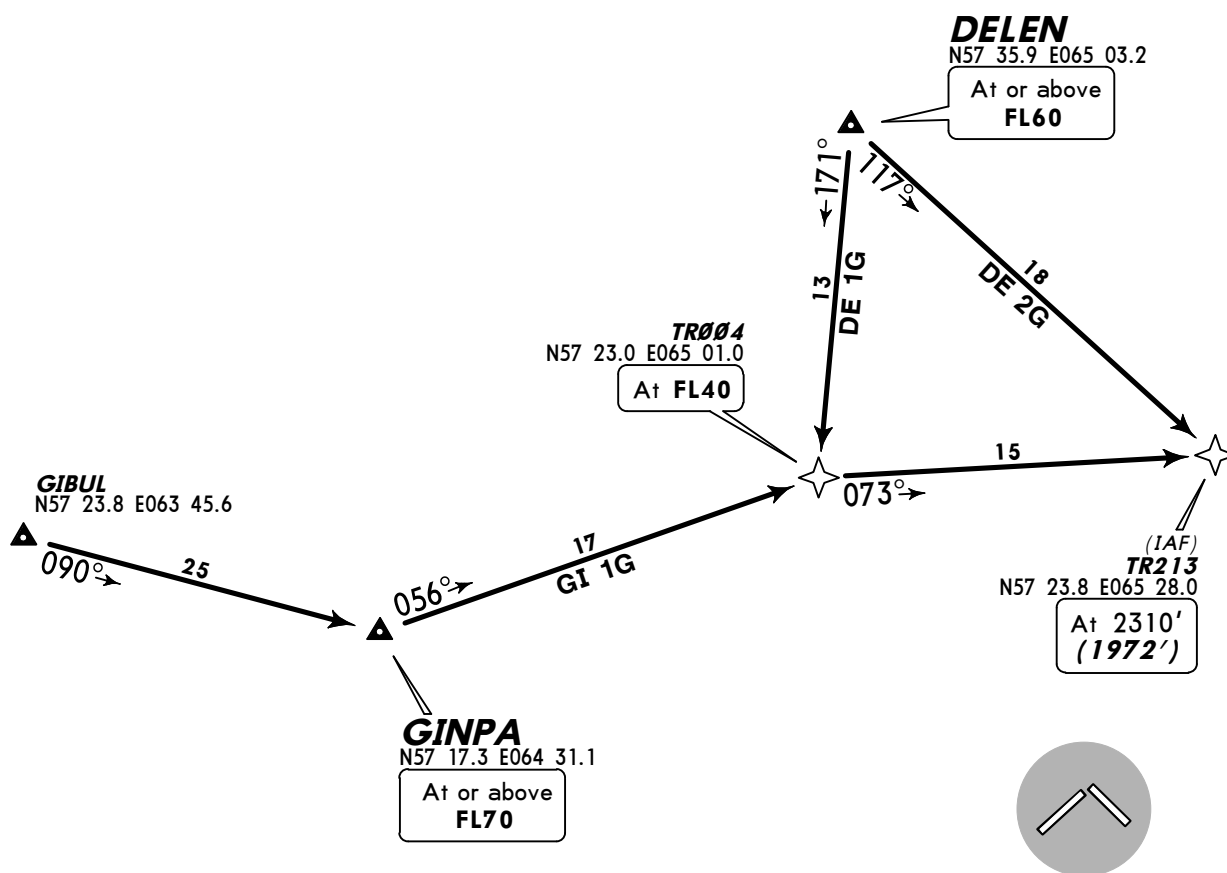
Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2680' (2342')
Request clearance for GNSS approach from APP
on first contact.

(QFE)



DELEN 1G (DE 1G), DELEN 2G (DE 2G)
GINPA 1G (GI 1G)
RWY 21 RNAV ARRIVALS
RNAV (GNSS)
GLONASS AND/OR GPS REQUIRED
GBAS USTR CHANNEL 22309



Direct distance from TR213 to:
Roshchino Apt 15 NM

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2680'	(2342' - 700m)
2310'	(1972' - 600m)

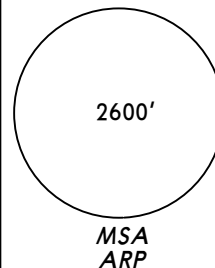
STAR	ROUTING
DE 1G	DELEN (FL60+) - TR004 (FL40) - TR213 (2310').
DE 2G	DELEN (FL60+) - TR213 (2310').
GI 1G	GINPA (FL70+) - TR004 (FL40) - TR213 (2310').

ATIS
121.7

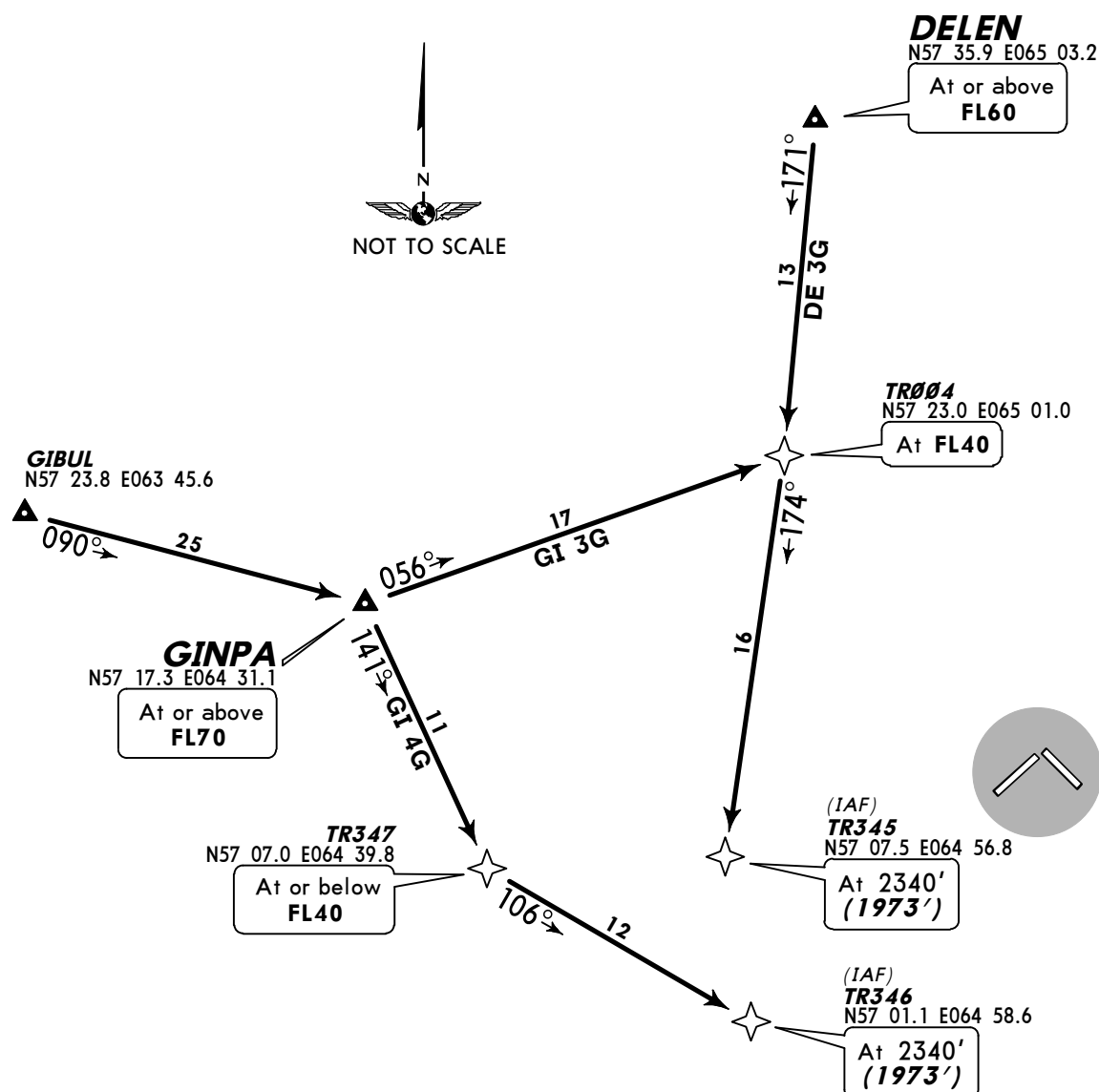
Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2680' (2313')
Request clearance for GNSS approach from APP
on first contact.

(QFE)



DELEN 3G (DE 3G)
GINPA 3G (GI 3G), GINPA 4G (GI 4G)
RWY 03 RNAV ARRIVALS
RNAV (GNSS)
GLONASS AND/OR GPS REQUIRED
GBAS USTR CHANNEL 22309



Direct distance to Roshchino Apt from:
TR345 12 NM
TR346 14 NM

ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (2313' - 700m)
2340' (1973' - 600m)

STAR	ROUTING
DE 3G	DELEN (FL60+) - TR004 (FL40) - TR345 (2340').
GI 3G	GINPA (FL70+) - TR004 (FL40) - TR345 (2340').
GI 4G	GINPA (FL70+) - TR347 (FL40-) - TR346 (2340').

ATIS
121.7

Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2680' (2339')
Request clearance for GNSS approach from APP
on first contact.

(QFE)

2600'

MSA
ARP

DELEN 5G (DE 5G), DELEN 6G (DE 6G)

GINPA 5G (GI 5G)

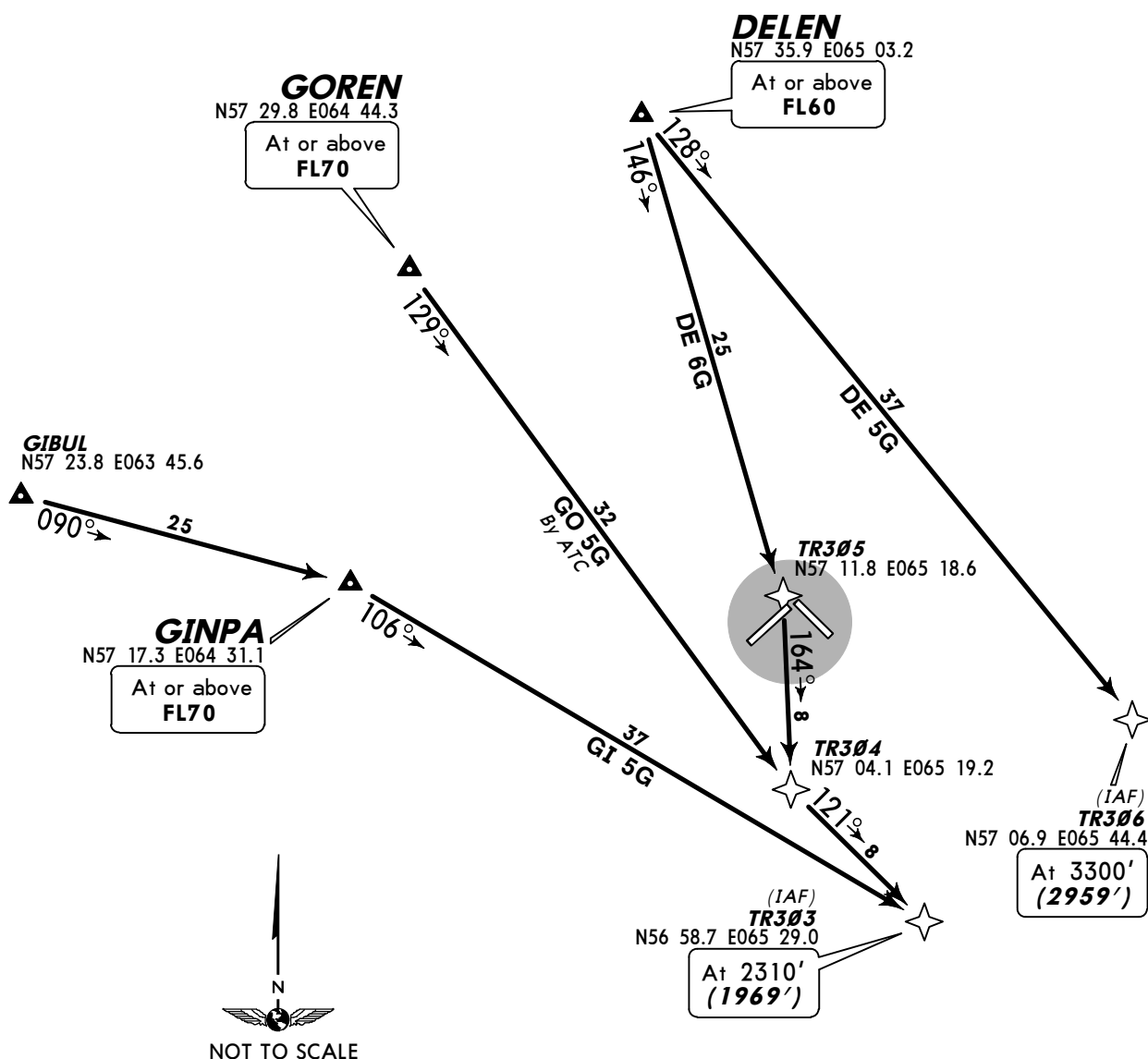
GOREN 5G (GO 5G)

RWY 30 RNAV ARRIVALS

RNAV (GNSS)

GLONASS AND/OR GPS REQUIRED

GBAS USTR CHANNEL 22309



Direct distance to Roshchino Apt from:

TR303 13 NM
TR306 14 NM

ALT/HEIGHT CONVERSION

QNH	(QFE)
3300'	(2959' - 900m)
2680'	(2339' - 700m)
2310'	(1969' - 600m)

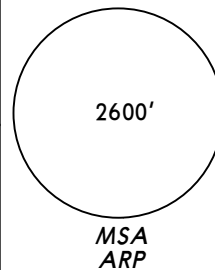
STAR	ROUTING
DE 5G	DELEN (FL60+) - TR306 (3300').
DE 6G	DELEN (FL60+) - TR305 - TR304 - TR303 (2310').
GI 5G	GINPA (FL70+) - TR303 (2310').
GO 5G By ATC	GOREN (FL70+) - TR304 - TR303 (2310').

ATIS
121.7

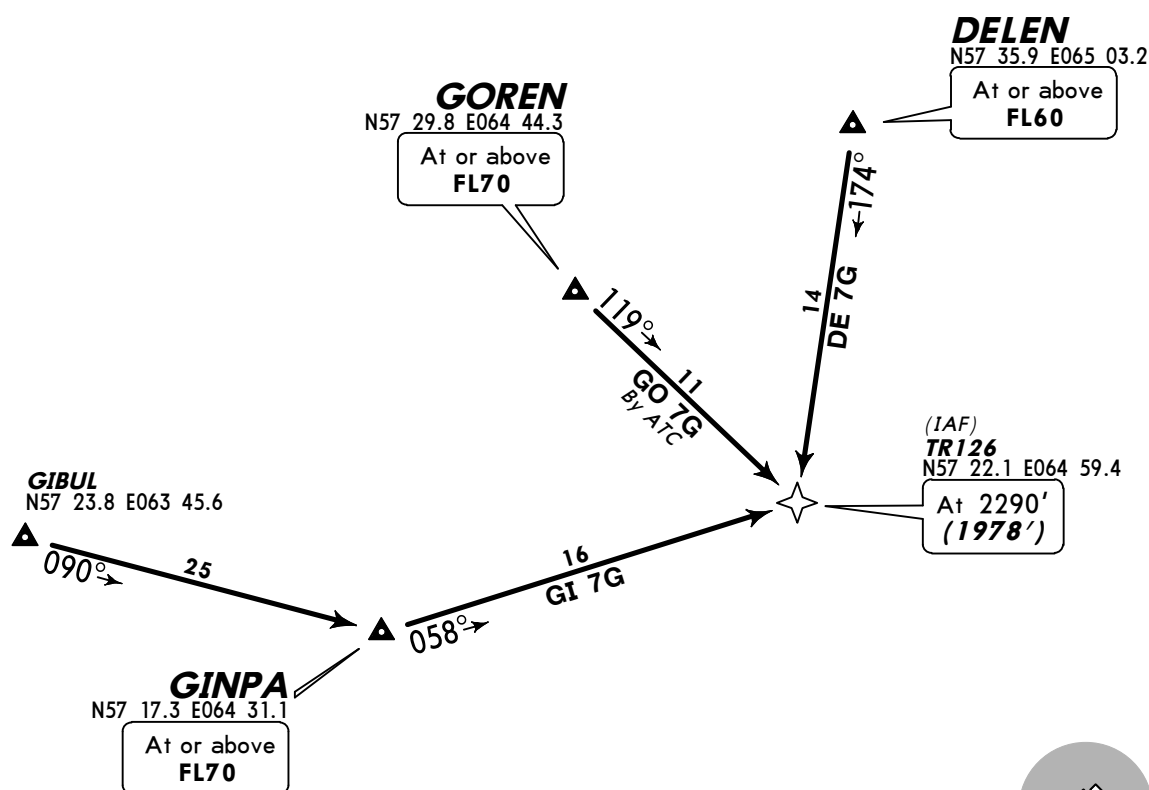
Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2680' (2368')
Request clearance for GNSS approach from APP
on first contact.

(QFE)



DELEN 7G (DE 7G)
GINPA 7G (GI 7G)
GOREN 7G (GO 7G)
RWY 12 RNAV ARRIVALS
RNAV (GNSS)
GLONASS AND/OR GPS REQUIRED
GBAS USTR CHANNEL 22309



Direct distance from TR126 to:
Roshchino Apt 16 NM

ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (2368' - 700m)
2290' (1978' - 600m)

STAR	ROUTING
DE 7G	DELEN (FL60+) - TR126 (2290').
GI 7G	GINPA (FL70+) - TR126 (2290').
GO 7G By ATC	GOREN (FL70+) - TR126 (2290').

RWY 03 ARRIVALS

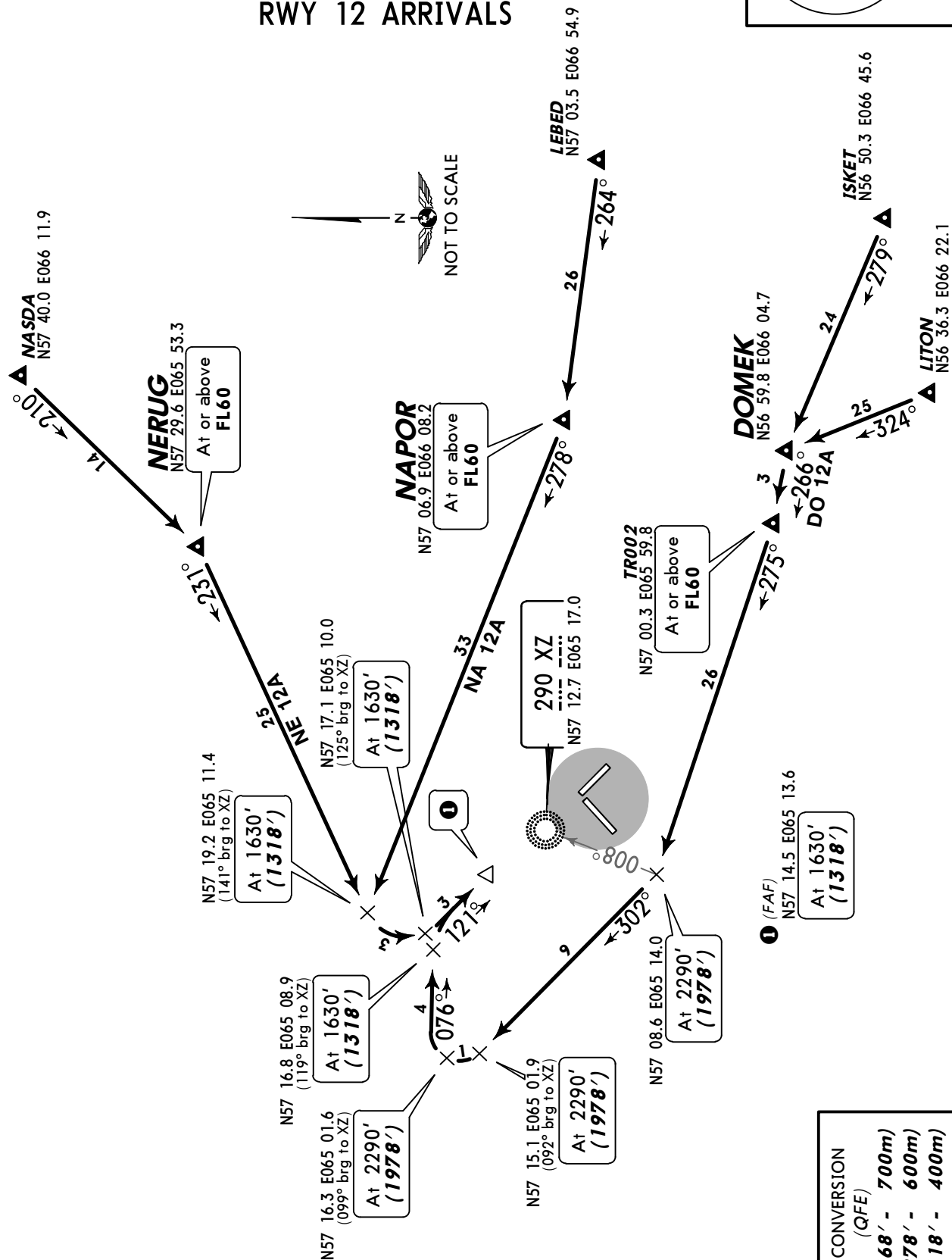
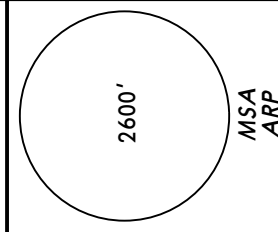
ATIS
121.7

Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2680' (2368')

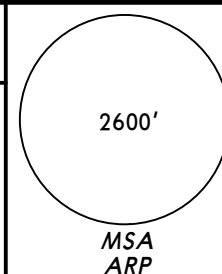
(QFE)

DOMEK 12A (DO 12A)
NAPOR 12A (NA 12A)
NERUG 12A (NE 12A)
RWY 12 ARRIVALS

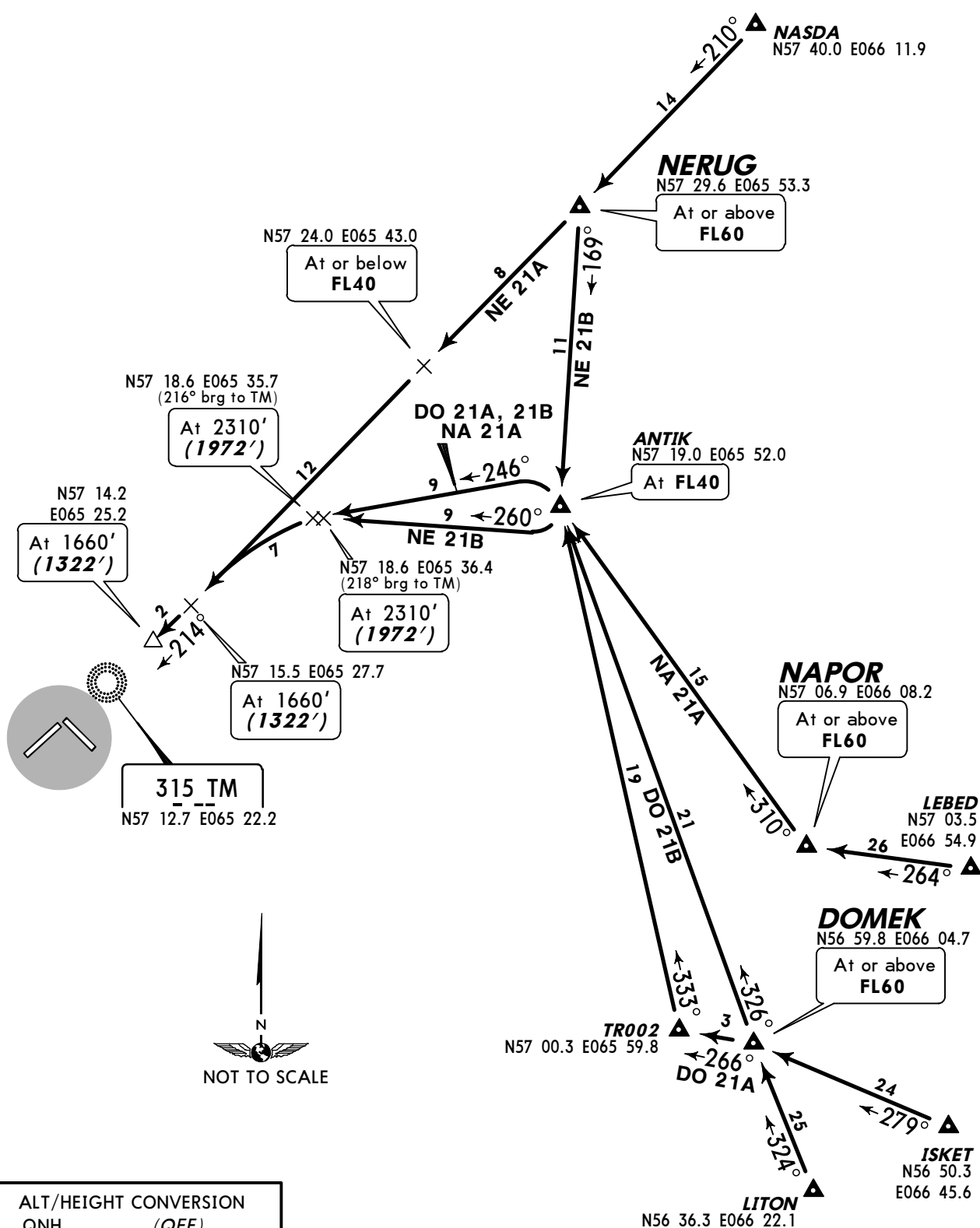


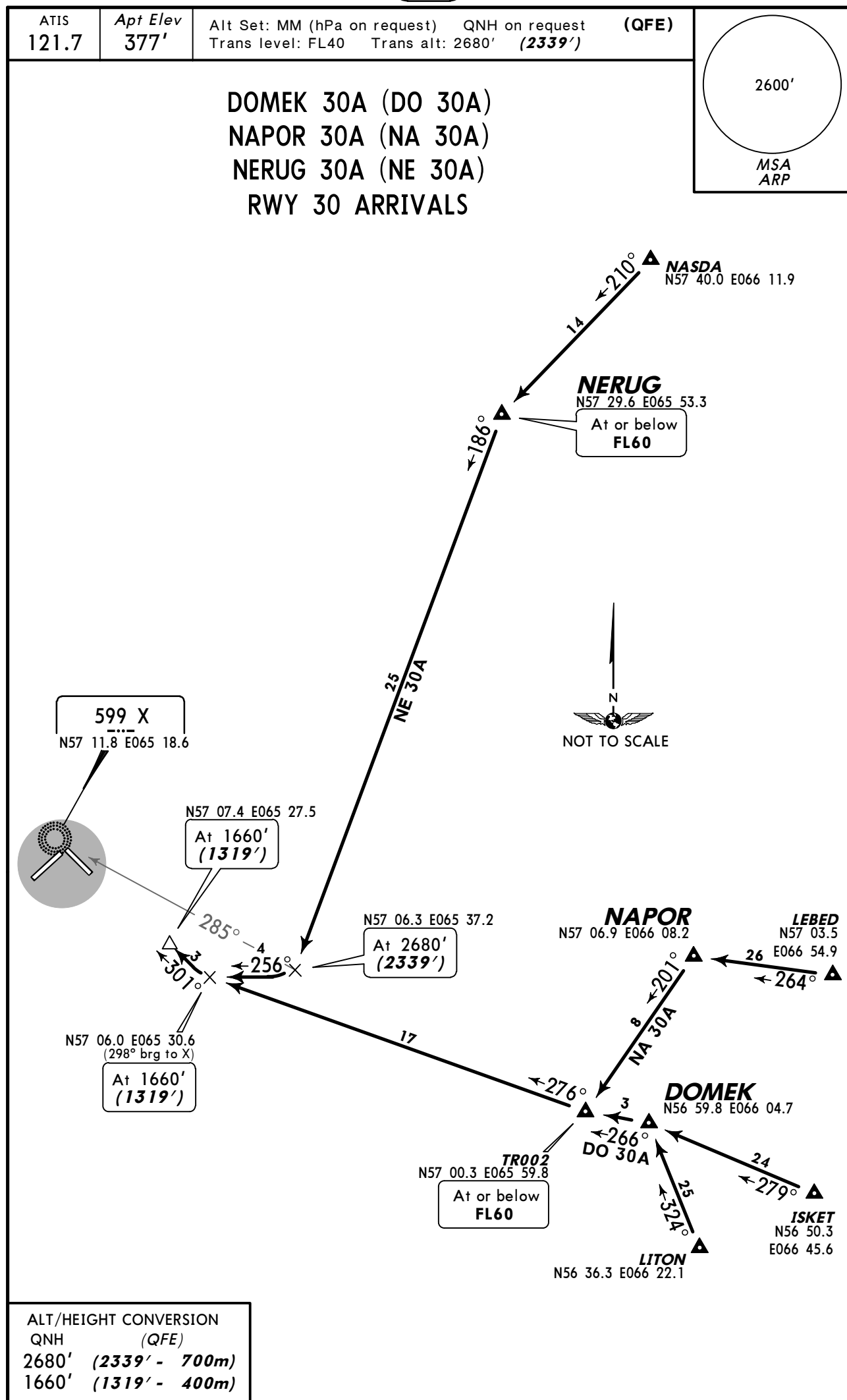
ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (2368' - 700m)
2290' (1978' - 600m)
1630' (1318' - 400m)

ATIS 121.7	Apt Elev 377'	Alt Set: MM (hPa on request) QNH on request Trans level: FL40 Trans alt: 2680' (2342')	(QFE)
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DOMEK 21A (DO 21A), DOMEK 21B (DO 21B)
NAPOR 21A (NA 21A)
NERUG 21A (NE 21A), NERUG 21B (NE 21B)
RWY 21 ARRIVALS





ATIS
121.7

Apt Elev
377'

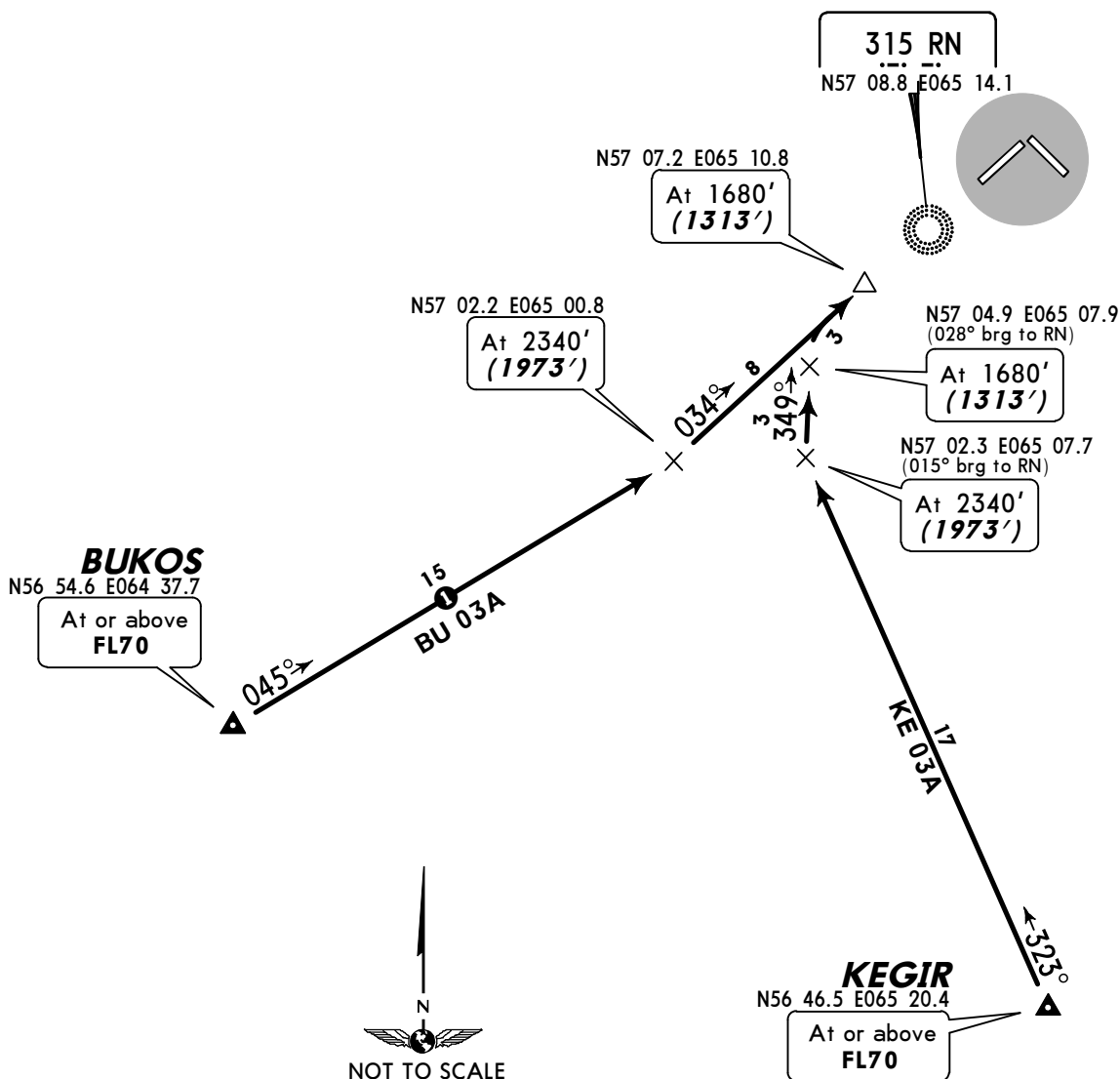
Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2680' (2313')

(QFE)

2600'

MSA
ARP

BUKOS 03A (BU 03A)
KEGIR 03A (KE 03A)
RWY 03 ARRIVALS
BY ATC



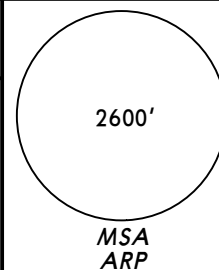
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2680'	(2313' - 700m)
2340'	(1973' - 600m)
1680'	(1313' - 400m)

ATIS
121.7

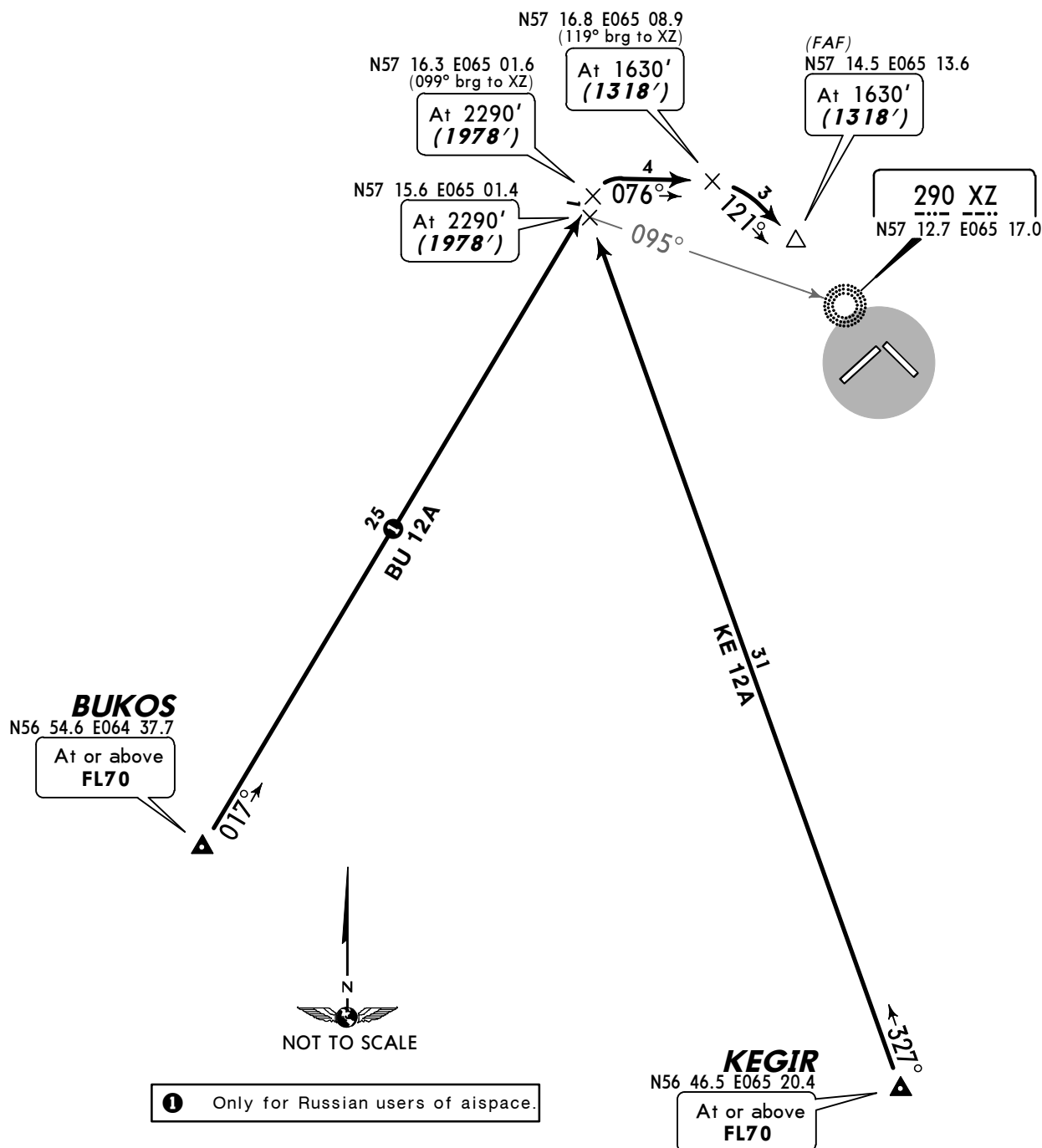
Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2680' (2368')

(QFE)



BUKOS 12A (BU 12A)
KEGIR 12A (KE 12A)
RWY 12 ARRIVALS
BY ATC



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2680'	(2368' - 700m)
2290'	(1978' - 600m)
1630'	(1318' - 400m)

ATIS
121.7

Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2680' (2342')

(QFE)

2600'

MSA
ARP

BUKOS 21A (BU 21A)
KEGIR 21A (KE 21A)
RWY 21 ARRIVALS
BY ATC

② Acft with 160 KT or more: 001°, 6 NM.
Acft with 160 KT or less: 017°, 4 NM.

315 TM
N57 12.7 E065 22.2

N57 19.0 E065 25.2
At 2310'
(1972')

N57 19.7 E065 27.5
(188° brg to TM)
At 2310'
(1972')

N57 16.5 E065 28.6
(208° brg to TM)
At 1660'
(1322')

N57 15.5 E065 27.7
At 1660'
(1322')

N57 14.2 E065 25.2
At 1660'
(1322')

TR003
N56 58.0 E065 20.0
At or above
FL70

BUKOS
N56 54.6 E064 37.7
At or above
FL70

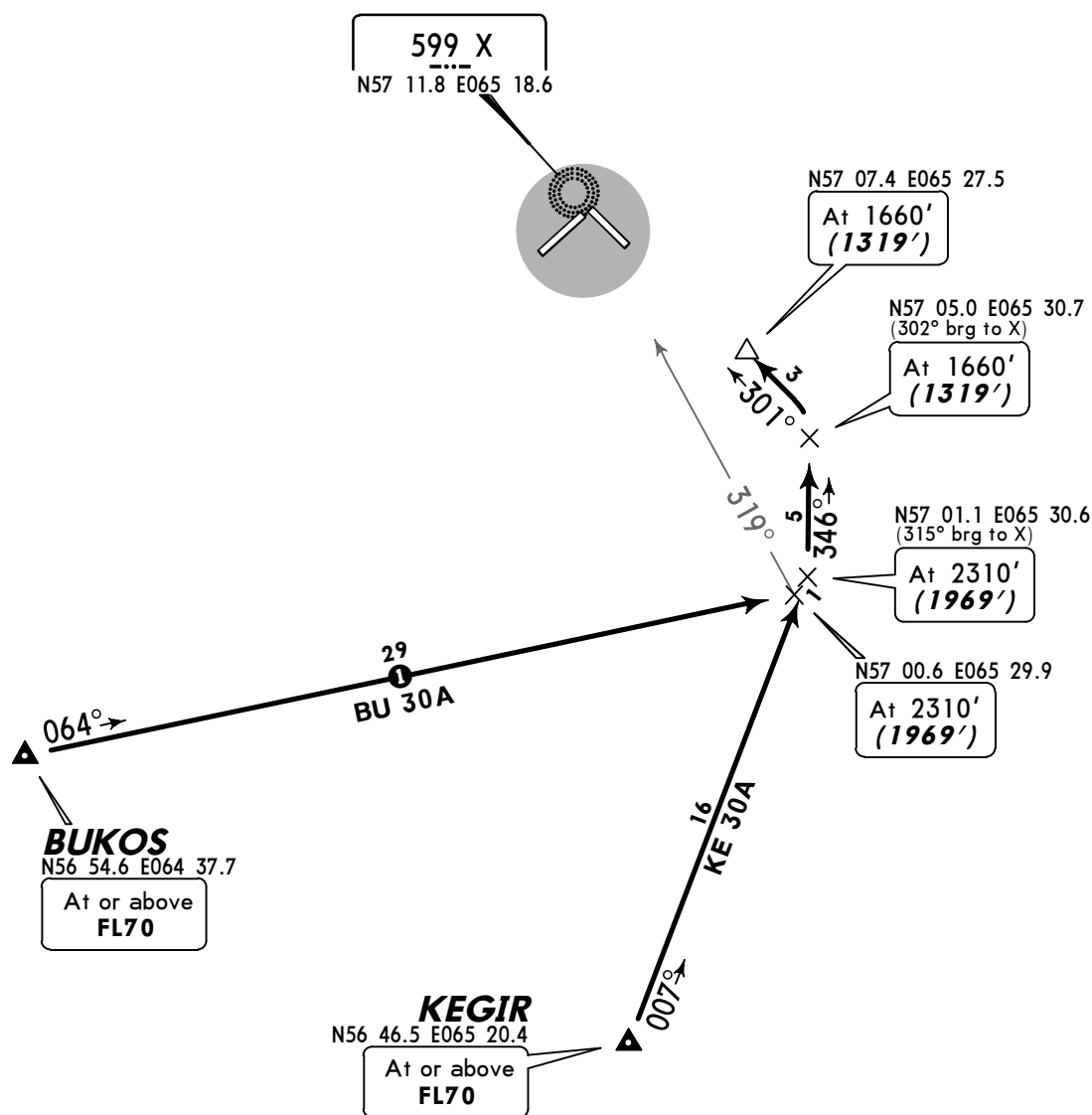


① Only for Russian users of airspace.

ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (2342' - 700m)
2310' (1972' - 600m)
1660' (1322' - 400m)

ATIS 121.7	Apt Elev 377'	Alt Set: MM (hPa on request) QNH on request Trans level: FL40 Trans alt: 2680' (2339')	(QFE)	2600' MSA ARP
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BUKOS 30A (BU 30A)
KEGIR 30A (KE 30A)
RWY 30 ARRIVALS
BY ATC



NOT TO SCALE

ALT/HEIGHT CONVERSION	QNH	(QFE)
2680'	(2339' - 700m)	
2310'	(1969' - 600m)	
1660'	(1319' - 400m)	

① Only for Russian users of airspace.

(QFE)

MSA
ARP

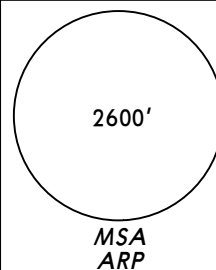
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ATIS
121.7

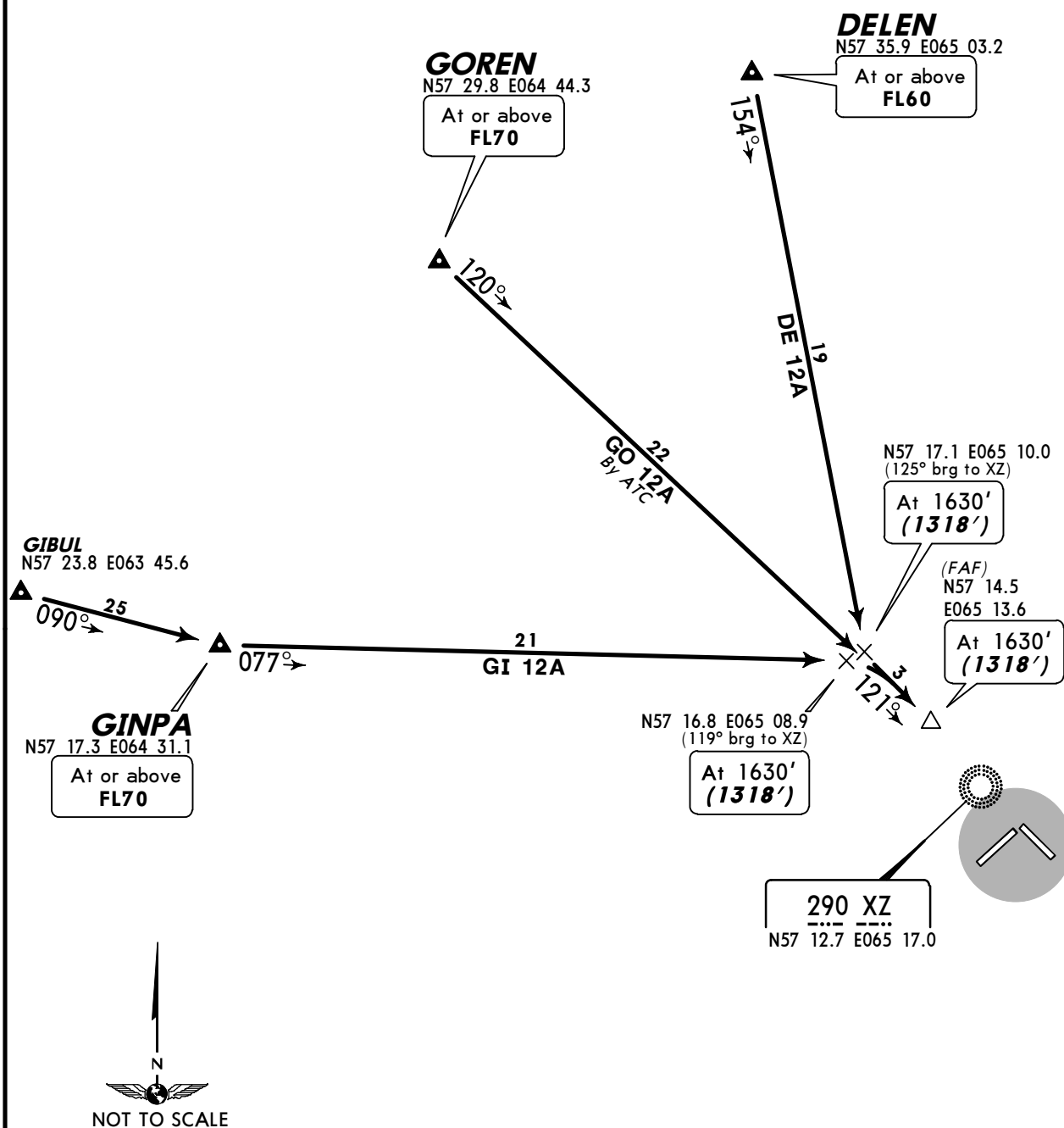
Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL40 Trans alt: 2680' (2368')

(QFE)

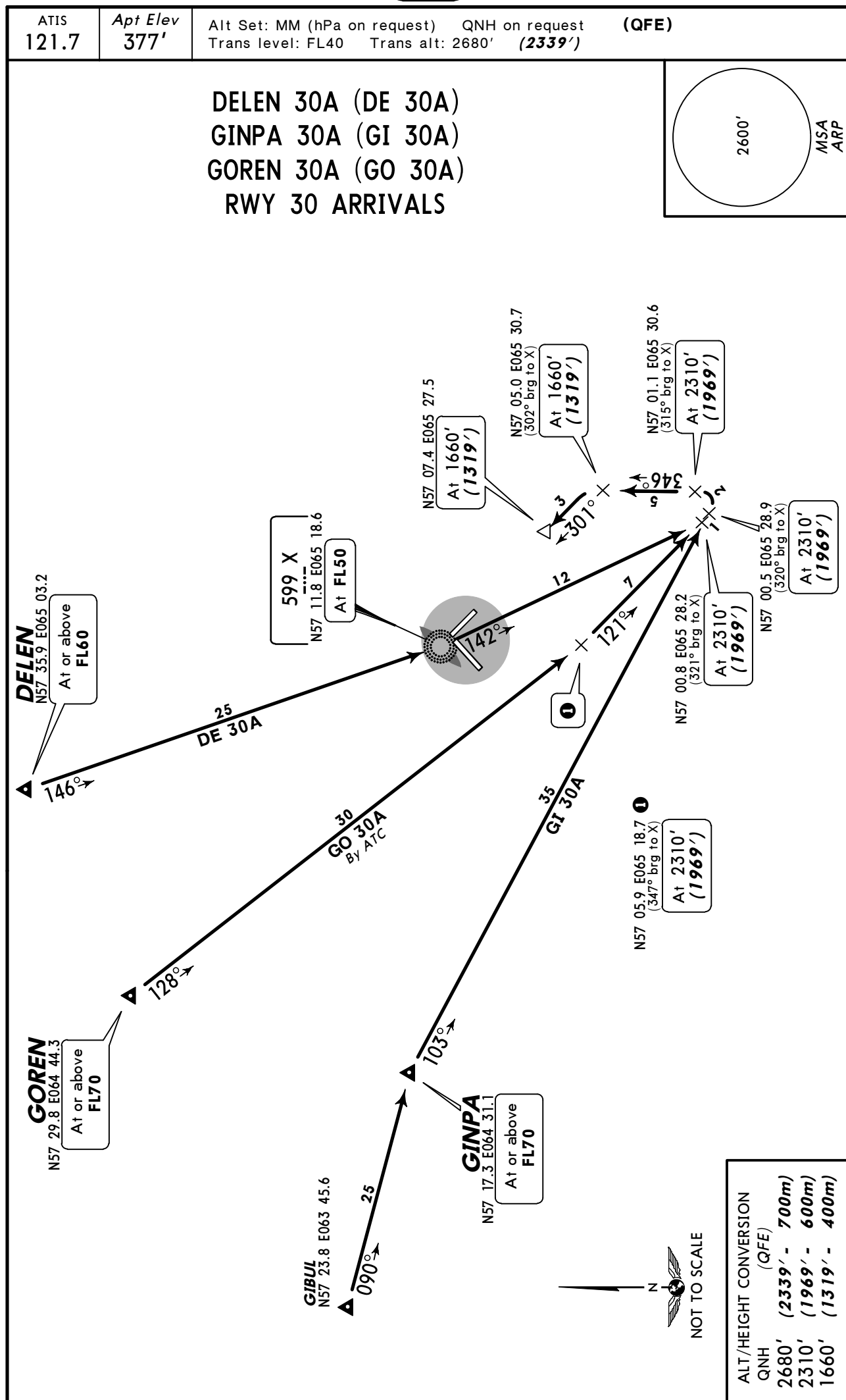


DELEN 12A (DE 12A)
GINPA 12A (GI 12A)
GOREN 12A (GO 12A)
RWY 12 ARRIVALS



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2680'	(2368' - 700m)
1630'	(1318' - 400m)

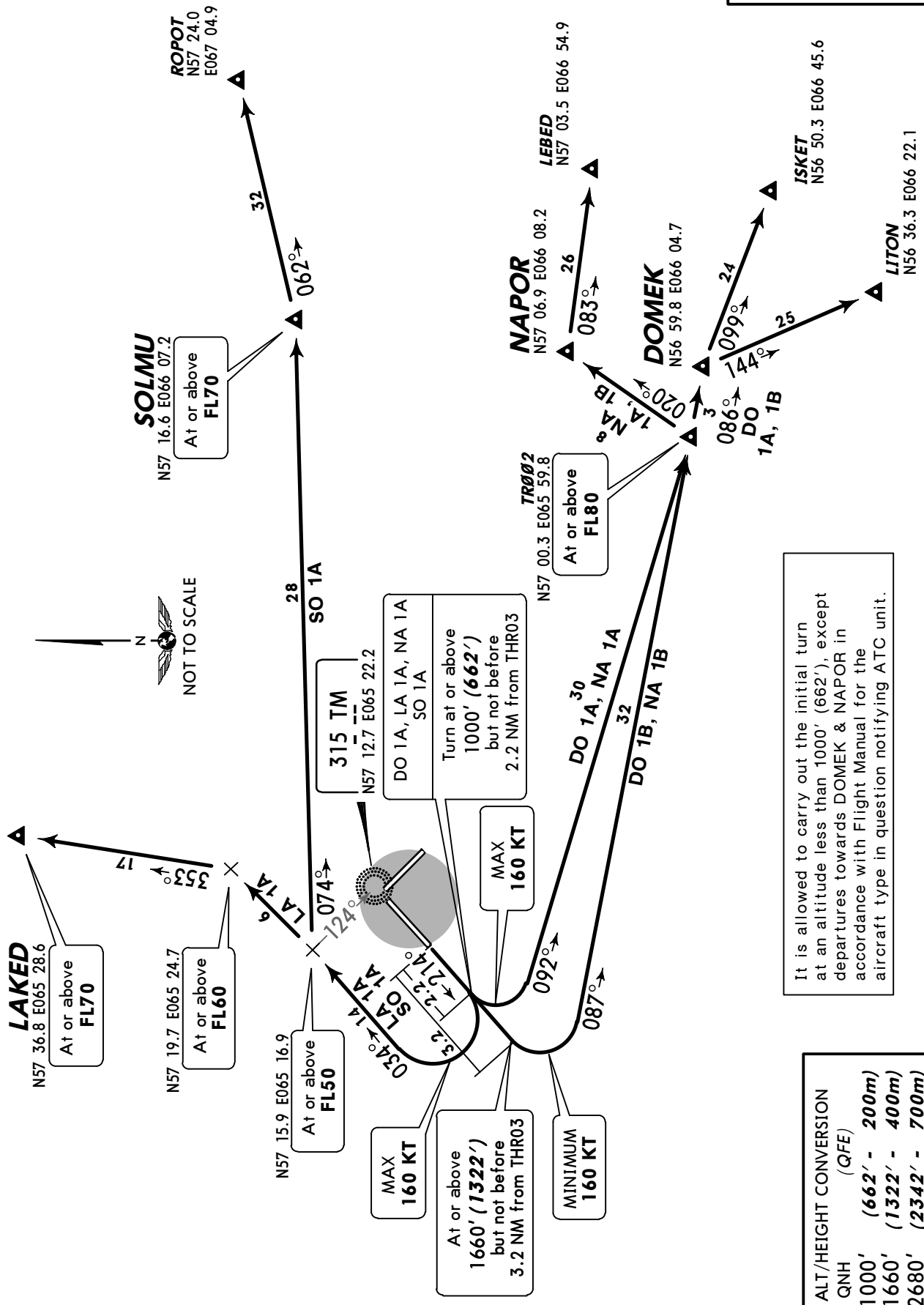
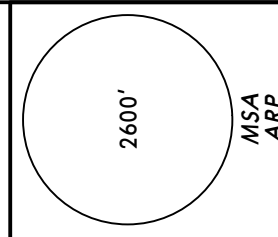
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Apt Elev
377'

QNH on request (QFE)
Trans level: FL40 Trans alt: 2680' (2342')

DOMEK 1A (DO 1A), DOMEK 1B (DO 1B)
LAKED 1A (LA 1A), NAPOR 1A (NA 1A)
NAPOR 1B (NA 1B), SOLMU 1A (SO 1A)
RWY 21 DEPARTURES



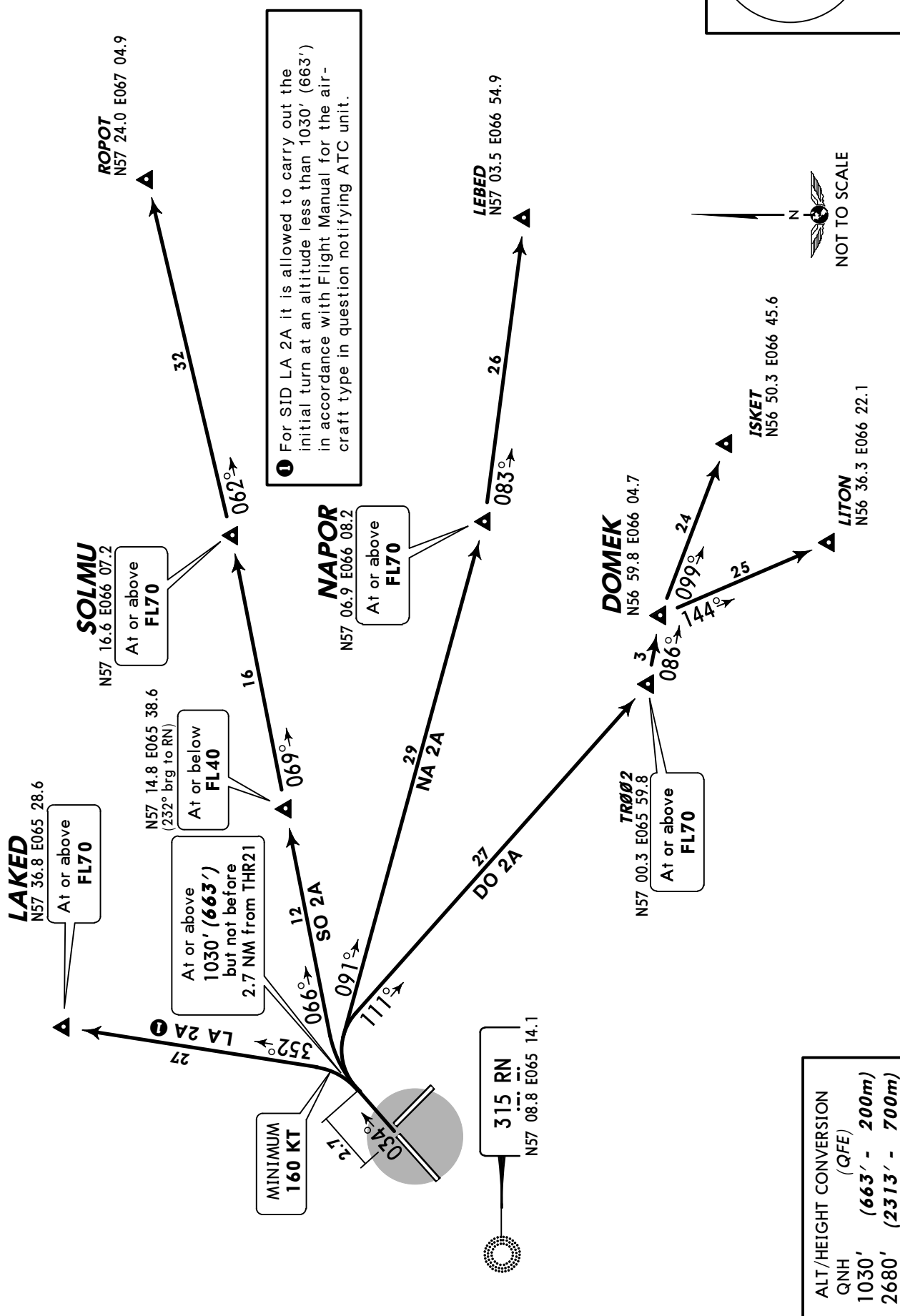
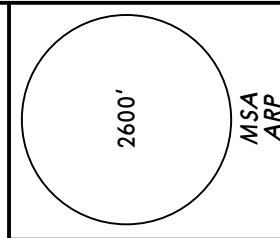
It is allowed to carry out the initial turn at an altitude less than 1000' (662'), except departures towards DOMEK & NAPOR in accordance with Flight Manual for the aircraft type in question notifying ATC unit.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
1000'	(662' - 200m)
1660'	(1322' - 400m)
2680'	(2342' - 700m)

Apt Elev
377'

QNH on request (QFE)
Trans level: FL40 Trans alt: 2680' (2313')

DOMEK 2A (DO 2A), LAKED 2A (LA 2A)
NAPOR 2A (NA 2A), SOLMU 2A (SO 2A)
RWY 03 DEPARTURES

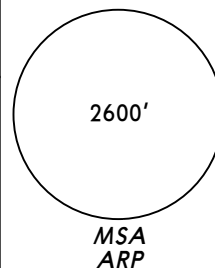


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ALT/HEIGHT CONVERSION
(QFE)
QNH 970' (658' - 200m)
2680' (2368' - 700m)

Apt Elev
377'

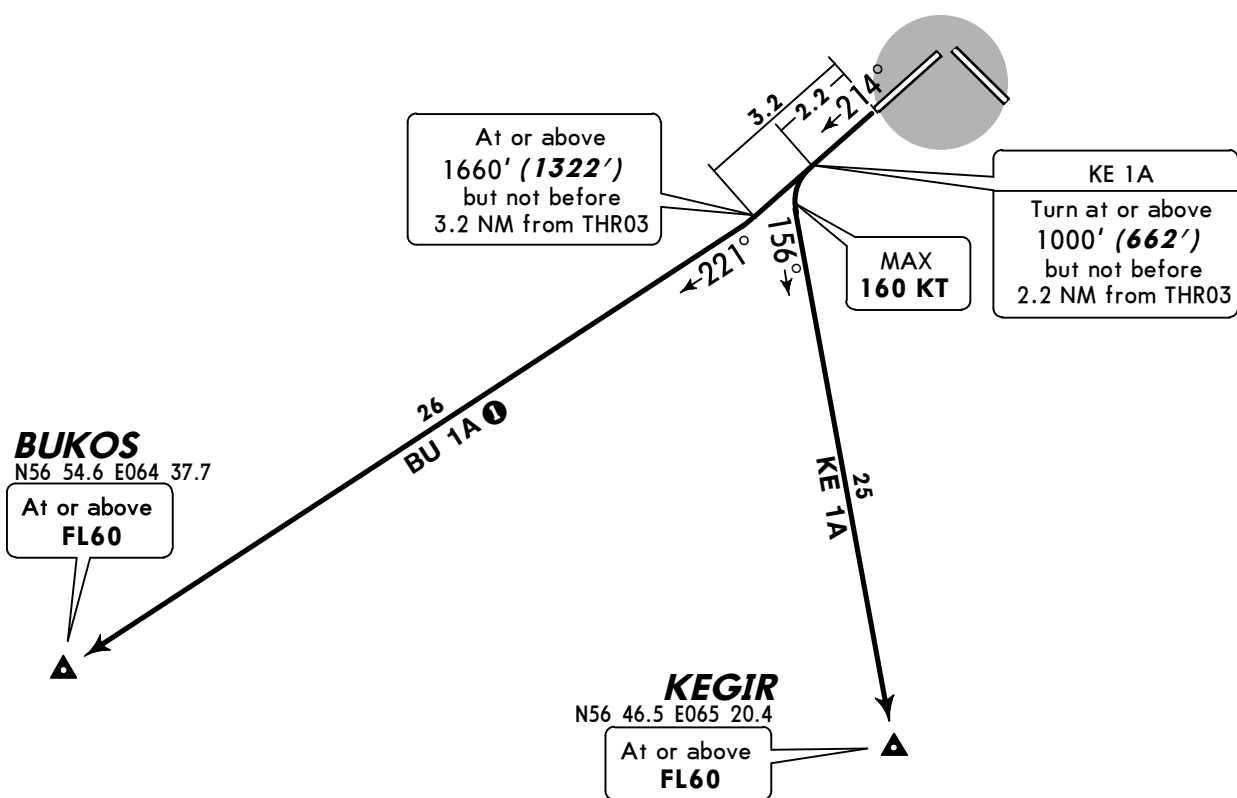
QNH on request (QFE)
Trans level: FL40 Trans alt: 2680' (2342')



BUKOS 1A (BU 1A), KEGIR 1A (KE 1A) RWY 21 DEPARTURES BY ATC



It is allowed to carry out the initial turn at an altitude less than 1000' (662'), in accordance with Flight Manual for the aircraft type in question notifying ATC unit.



1 Only for Russian users of airspace.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
1000'	(662' - 200m)
1660'	(1322' - 400m)
2680'	(2342' - 700m)

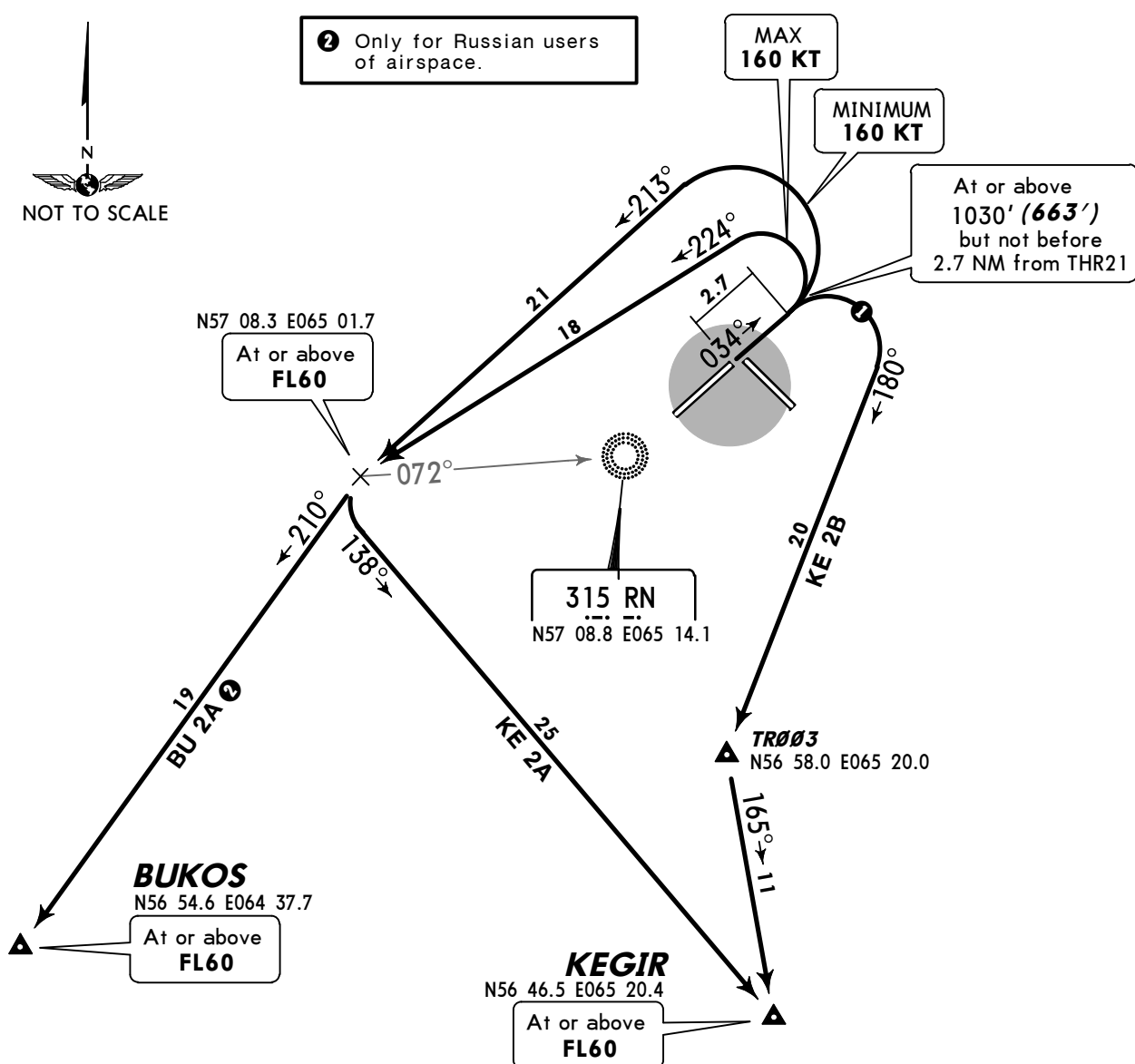
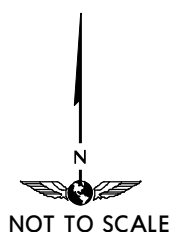
2600'

MSA
ARP

It is allowed to carry out the initial turn at an altitude less than 1030' (663'), in accordance with Flight Manual for the aircraft type in question notifying ATC unit.

ⓘ Warning: Aircraft with more than 160 KT should execute the initial turn with a radius not more than 1.9 NM.

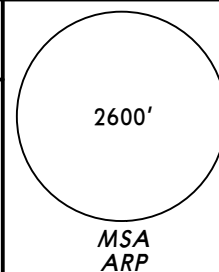
2 Only for Russian users of airspace.



ALT/HEIGHT CONVERSION
QNH (QFE)
1030' (663' - 200m)
2680' (2313' - 700m)

Apt Elev
377'

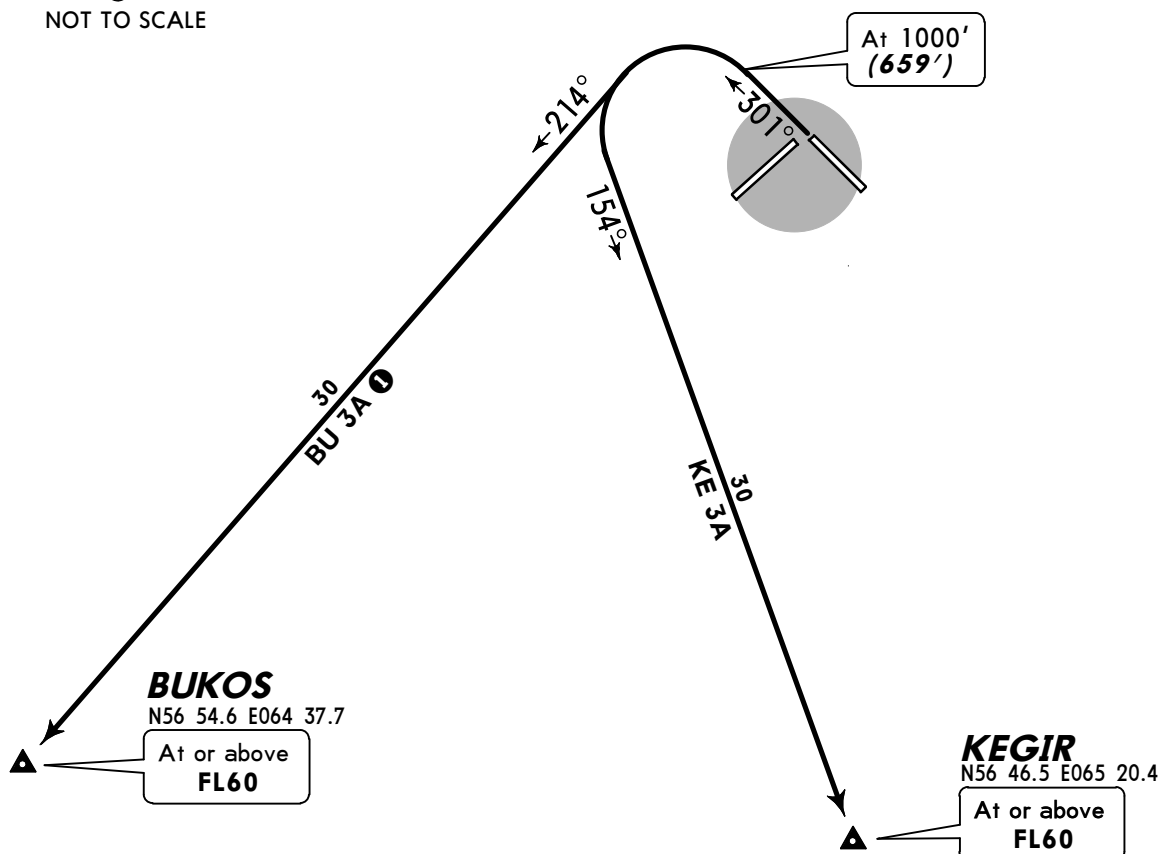
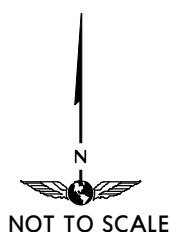
QNH on request (QFE)
Trans level: FL40 Trans alt: 2680' (2339')



BUKOS 3A (BU 3A), KEGIR 3A (KE 3A)
RWY 30 DEPARTURES
BY ATC

It is allowed to carry out the initial turn at an altitude less than 1000' (659'), in accordance with Flight Manual for the aircraft type in question notifying ATC unit.

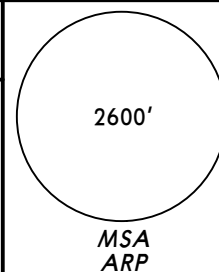
① Only for Russian users of airspace.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1000'	(659' - 200m)
2680'	(2339' - 700m)

Apt Elev
377'

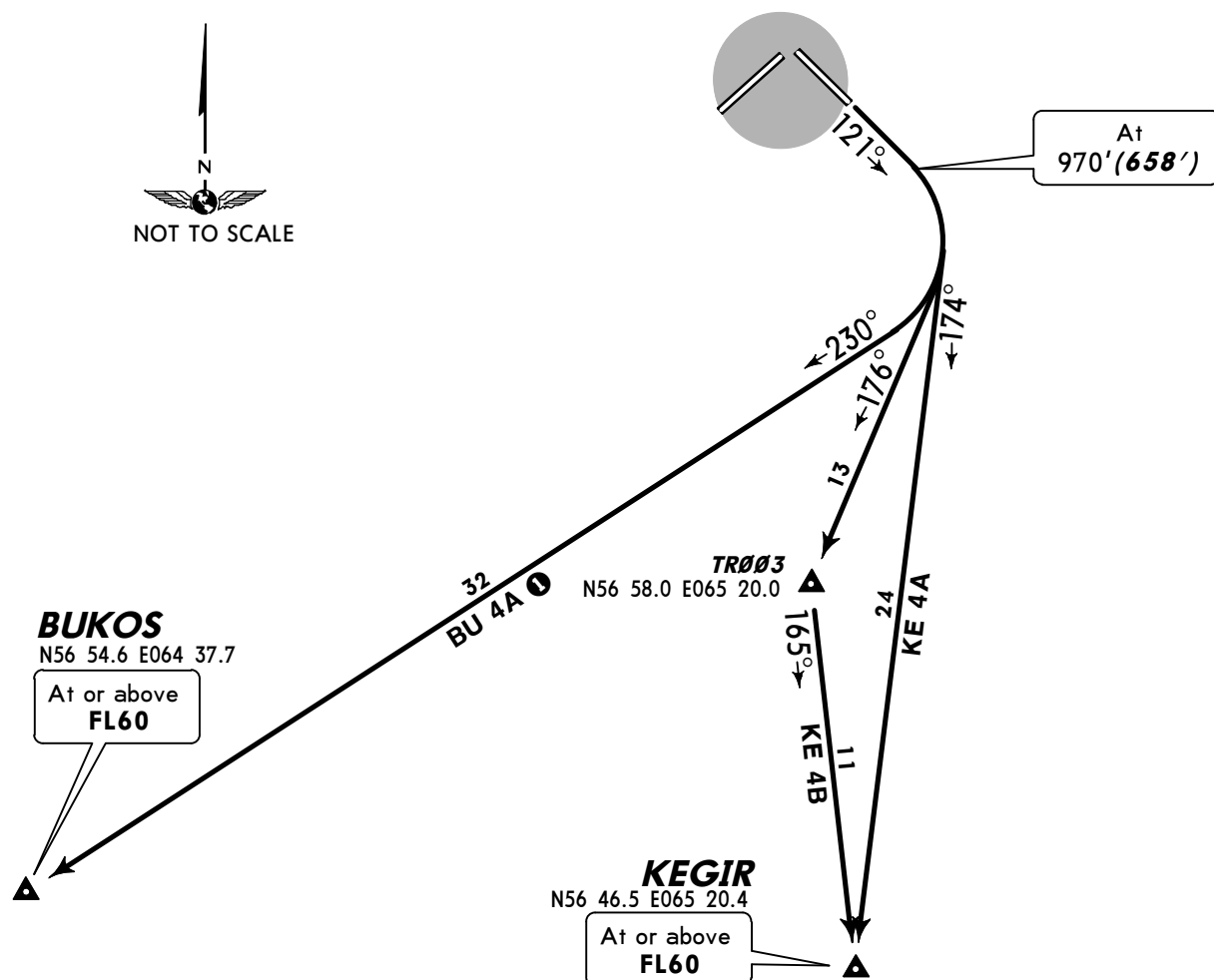
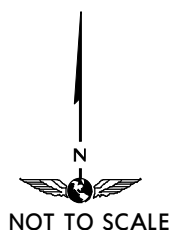
QNH on request (QFE)
Trans level: FL40 Trans alt: 2680' (2368')



BUKOS 4A (BU 4A), KEGIR 4A (KE 4A)
KEGIR 4B (KE 4B)
RWY 12 DEPARTURES
BY ATC

It is allowed to carry out the initial turn
at an altitude less than 970' (658'), in
accordance with Flight Manual for the air-
craft type in question notifying ATC unit.

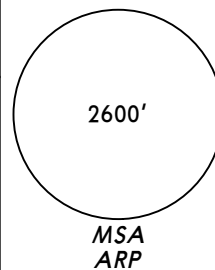
① Only for Russian users
of airspace.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
970'	(658' - 200m)
2680'	(2368' - 700m)

Apt Elev
377'

QNH on request (QFE)
Trans level: FL40 Trans alt: 2680' (2342')



BEPAR 1A (BE 1A), BEPAR 1B (BE 1B)
GOREN 1A (GO 1A), GOREN 1B (GO 1B)
BY ATC
RWY 21 DEPARTURES

GOREN
N57 29.8 E064 44.3

At or above
FL60



BEPAR
N57 08.8 E064 29.5

At or above
FL80



BANAM
N57 07.3 E063 45.2

It is allowed to carry out the initial turn at an altitude less than 1000' (662'), in accordance with Flight Manual for the aircraft type in question notifying ATC unit.

MAX
160 KT

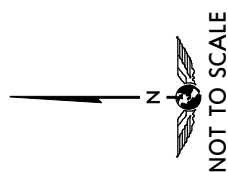
MINIMUM
160 KT

At or above
1660' (1322')
but not before
3.2 NM from THR03

BE 1A, GO 1A,
Turn at or above
1000' (662')
but not before
2.2 NM from THR03

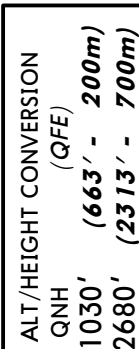
ALT/HEIGHT CONVERSION

QNH	(QFE)
1000'	(662' - 200m)
1660'	(1322' - 400m)
2680'	(2342' - 700m)



SID

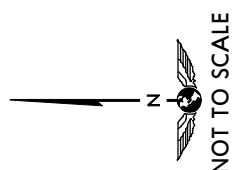
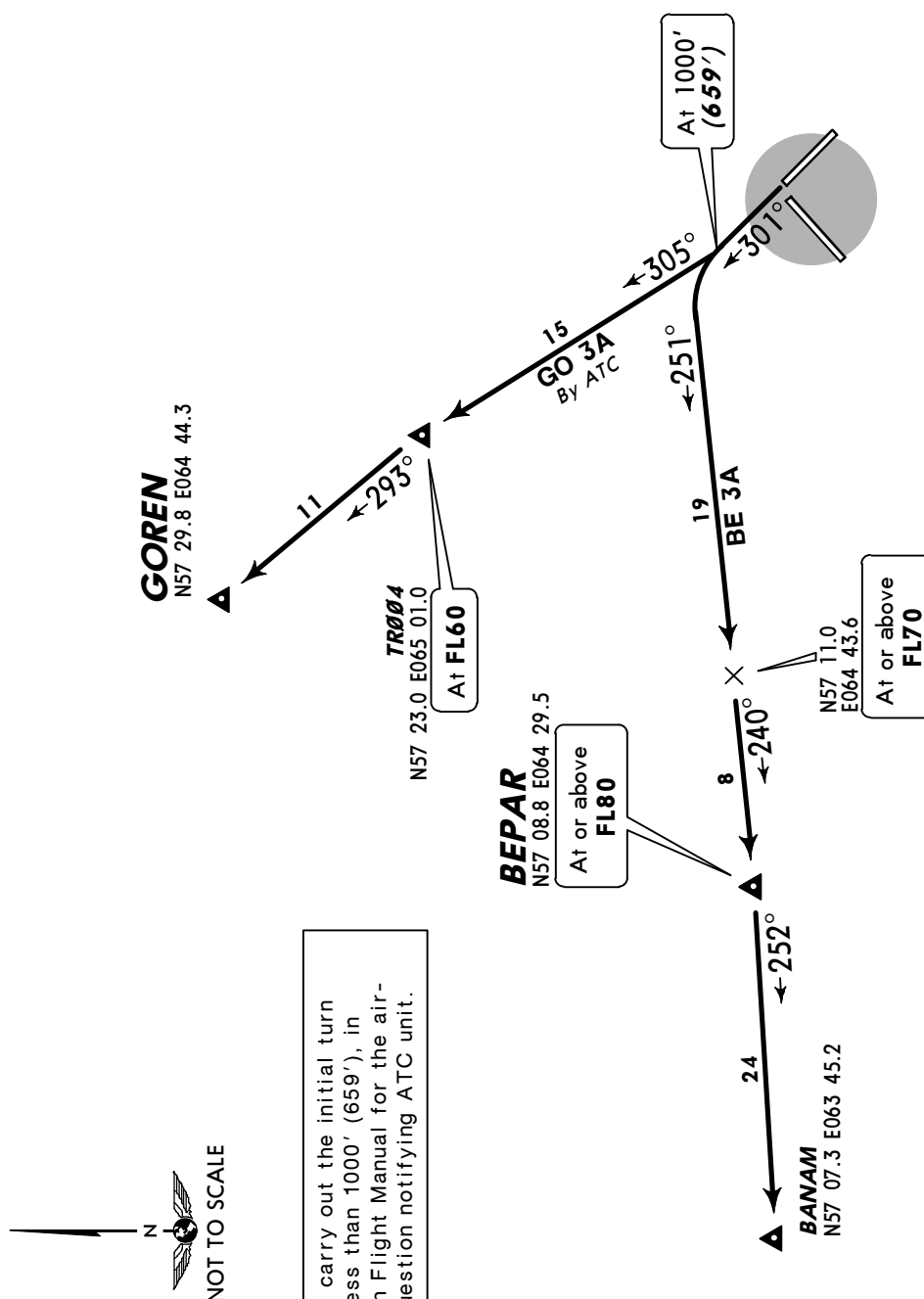
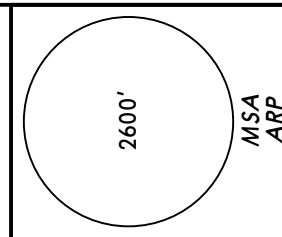
A circular diagram with the text "2600'" in the center. To the right of the circle, the text "MSA" and "ARP" are stacked vertically.



Apt Elev
377'

QNH on request (QFE)
Trans level: FL40 Trans alt: 2680' (2339')

BEPAR 3A (BE 3A)
GOREN 3A (GO 3A)
BY ATC
RWY 30 DEPARTURES



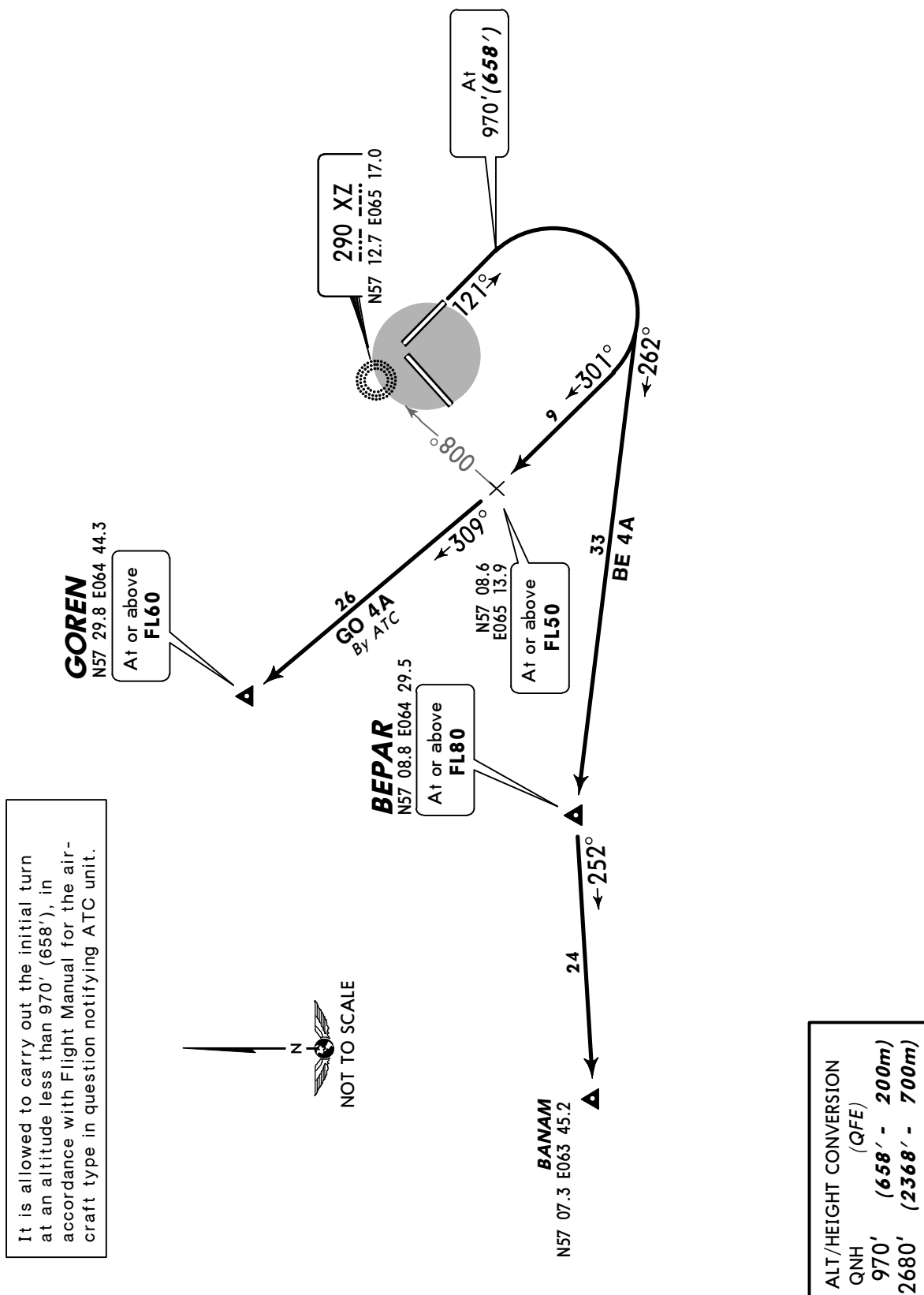
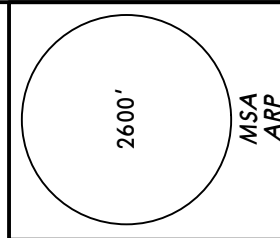
It is allowed to carry out the initial turn at an altitude less than 1000' (659'), in accordance with Flight Manual for the aircraft type in question notifying ATC unit.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
1000'	(659' - 200m)
2680'	(2339' - 700m)

Apt Elev
377'

QNH on request (QFE)
Trans level: FL40 Trans alt: 2680' (2368')

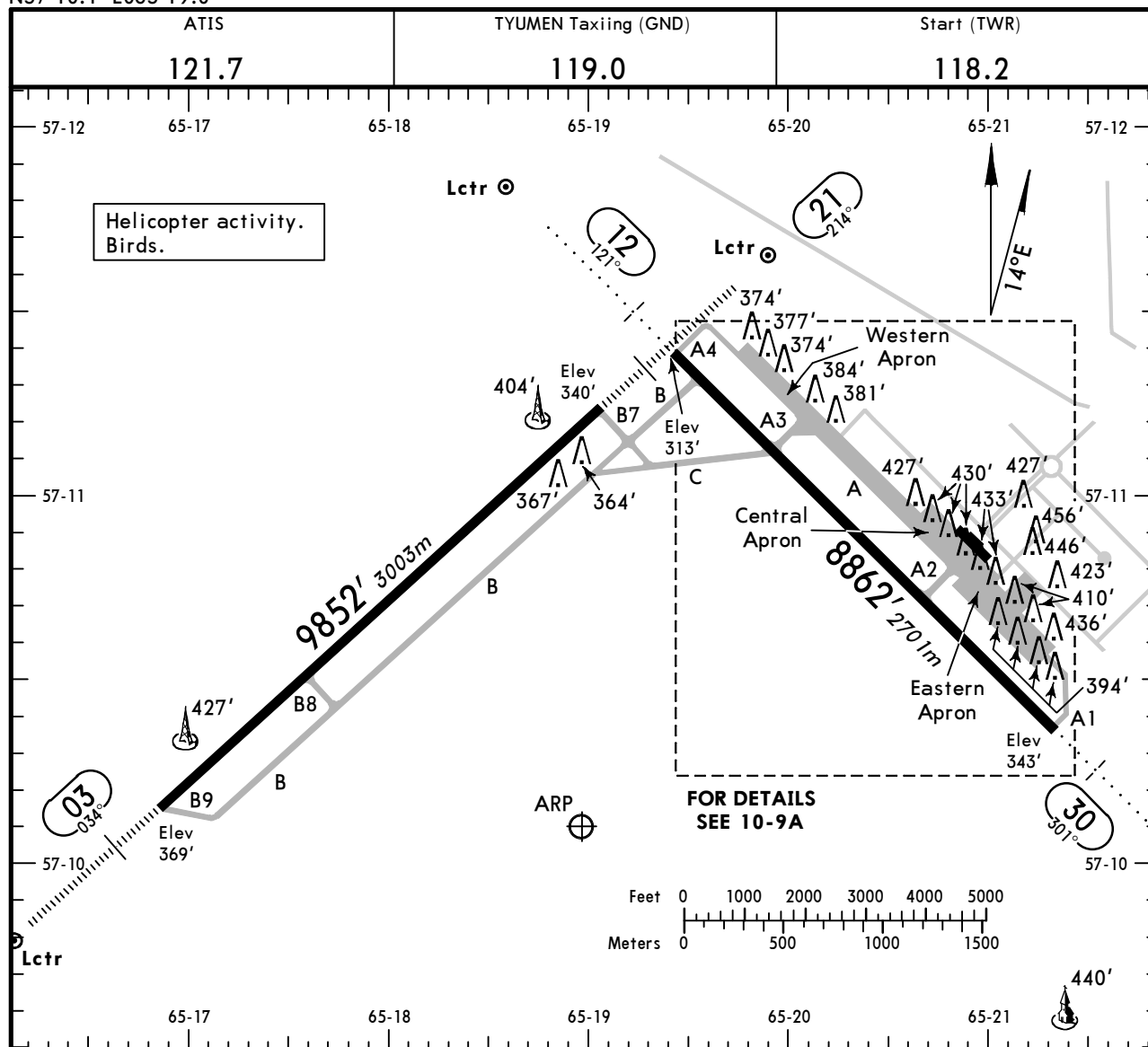
BEPAR 4A (BE 4A)
GOREN 4A (GO 4A)
BY ATC
RWY 12 DEPARTURES



USTR/TJM
 Apt Elev **377'**
 N57 10.1 E065 19.0

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 19 JUL 13 **(10-9)** Eff 25 Jul

TYUMEN, RUSSIA
ROSHCHINO



ADDITIONAL RUNWAY INFORMATION

RWY					USABLE LENGTHS		WIDTH
					LANDING BEYOND	TAKE-OFF	
				Threshold	Glide Slope		
03	HIRL (60m)	HIALS	PAPI-L (2.67°)	RVR	8819' 2688m	9524' 2903m ①	148'
21	HIRL (60m)	HIALS	PAPI-L (2.67°)	RVR	8941' 2725m		45m
12	RL (50m)	ALS	PAPI-L (2.67°)	RVR		8533' 2601m ①	164'
30	RL (50m)	ALS	PAPI-L (3.00°)	RVR			50m

① First 328'/100m unusable for take-off.

TAKE-OFF

AIR CARRIER (JAA)
 All Rwy's

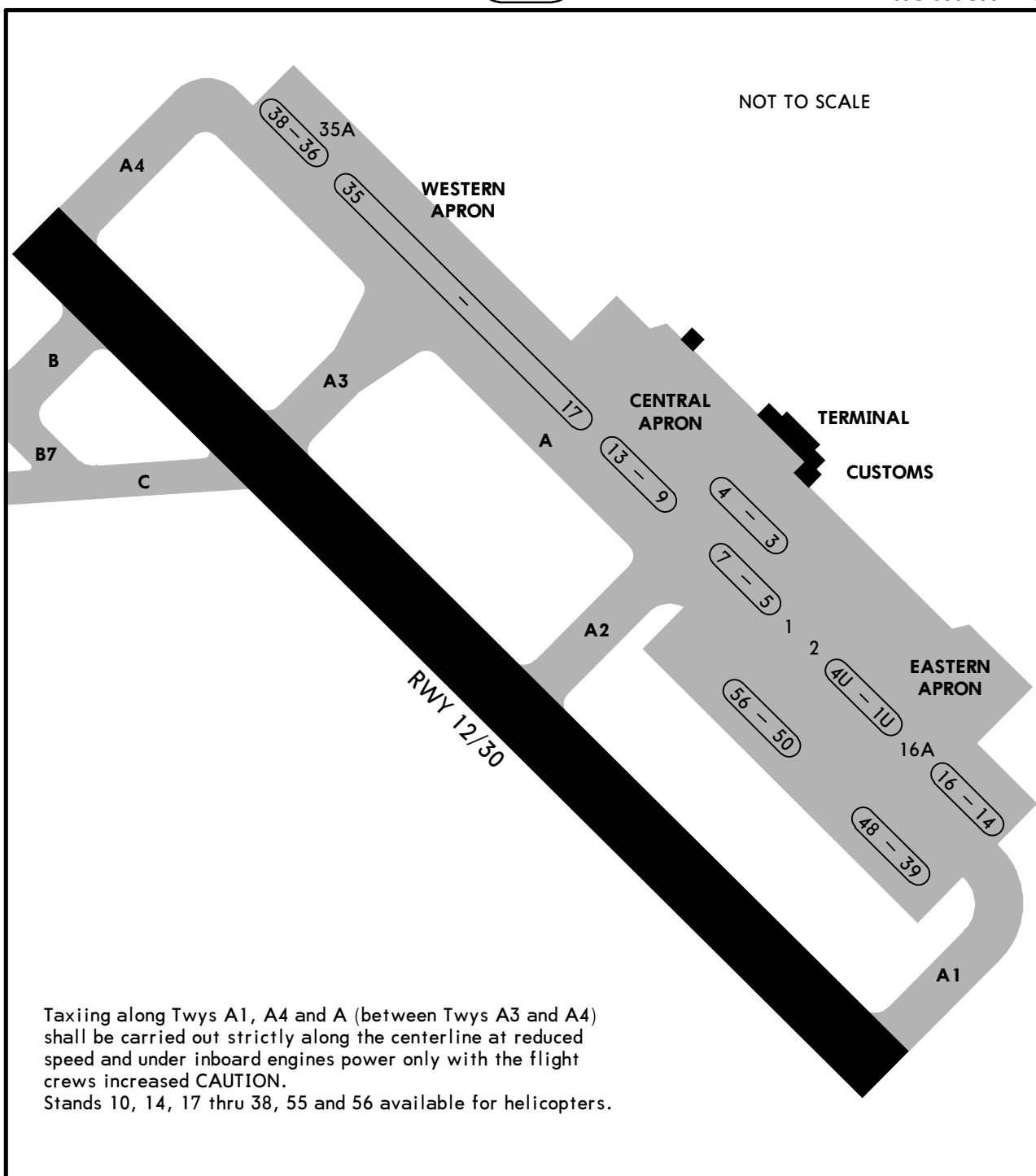
LVP must be in force
 RCLM (DAY only)
 or RL

RCLM (DAY only)
 or RL

A		
B	250m	400m
C		
D	300m	

CHANGES: Elevations. Usable lengths.

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INS COORDINATES

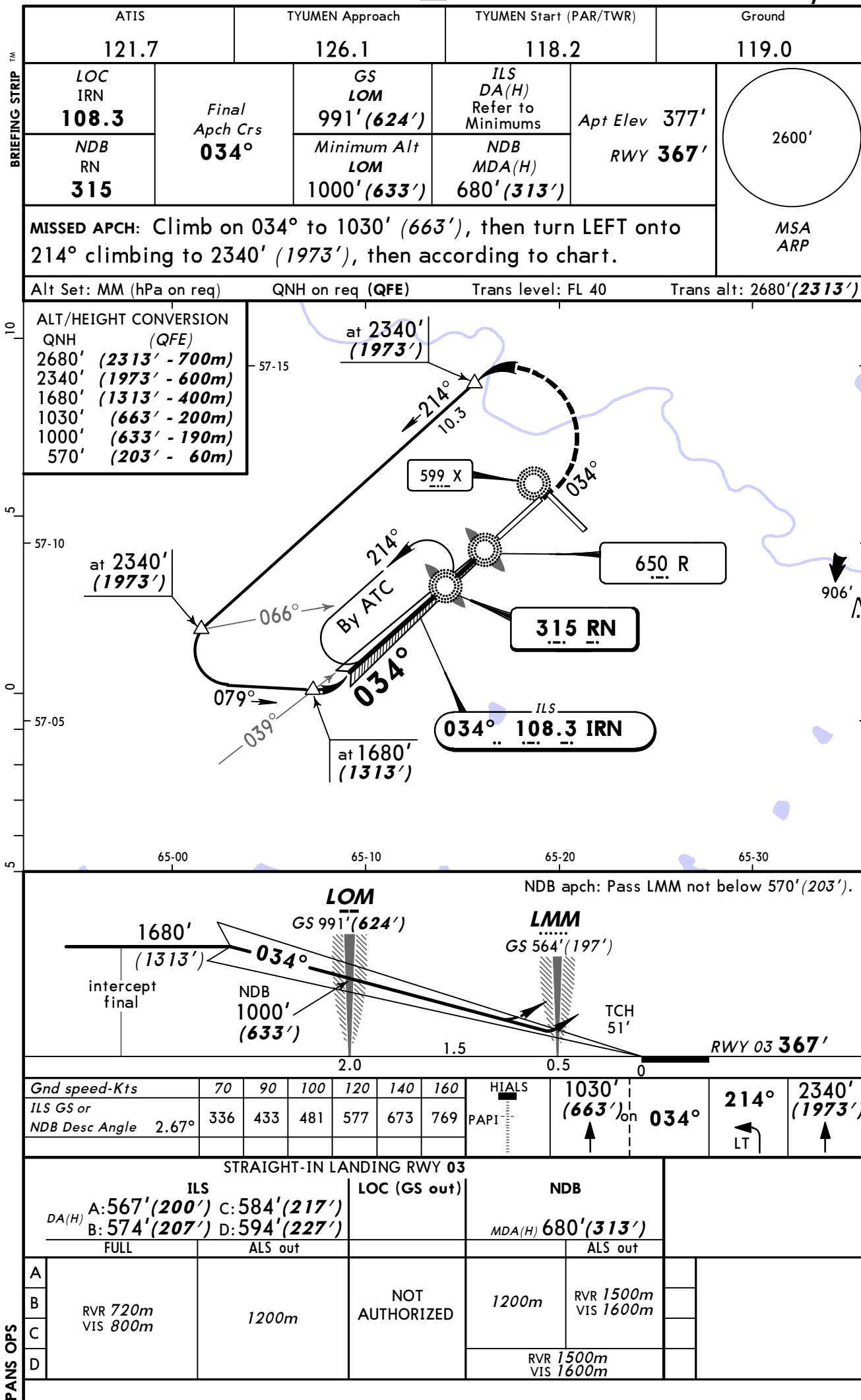
STAND No.	COORDINATES	STAND No.	COORDINATES
1	N57 10.7 E065 21.1	35 A	N57 11.3 E065 19.0
2	N57 10.7 E065 21.0	36	N57 11.3 E065 19.9
3	N57 10.8 E065 21.0	37	N57 11.4 E065 19.9
4, 5	N57 10.8 E065 20.0	38	N57 11.4 E065 19.8
6, 7	N57 10.8 E065 20.9	39 thru 41	N57 10.5 E065 21.3
8	N57 10.9 E065 20.9	42	N57 10.6 E065 21.3
9 thru 11	N57 10.9 E065 20.8	43 thru 45	N57 10.6 E065 21.2
12, 13	N57 10.9 E065 20.7	46 thru 49	N57 10.6 E065 21.1
17 thru 19	N57 10.0 E065 20.6	50, 51	N57 10.7 E065 21.0
20 thru 22	N57 11.0 E065 20.5	52 thru 54	N57 10.7 E065 20.0
23 thru 25	N57 11.1 E065 20.4	55	N57 10.7 E065 20.9
26 thru 28	N57 11.1 E065 20.3	56	N57 10.8 E065 20.9
29 thru 31	N57 11.2 E065 20.2		
32, 33	N57 11.2 E065 20.1		
34 thru 35	N57 11.3 E065 20.0		

STRAIGHT-IN RWY		A	B	C	D
03	ILS	567'(200')	574'(207')	584'(217')	594'(227')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
12	RNAV ①	680'(309')	680'(309')	680'(309')	680'(309')
		R750m	R750m	R750m	R750m
	ALS out	R1400m	R1400m	R1400m	R1400m
	NDB ①	720'(353')	720'(353')	720'(353')	720'(353')
		R1000m	R1000m	R1200m	R1200m
21	ILS	538'(200')	538'(200')	538'(200')	538'(200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
30	RNAV ①	710'(367')	710'(367')	710'(367')	710'(367')
		R1500m	R1500m	R1500m	R1500m
	ALS out	R1500m	R1500m	R1700m	R1700m
	NDB ①	1050'(707')	1050'(707')	1050'(707')	1050'(707')
		C3100m	C3100m	C3100m	C3100m
	ALS out	C3300m	C3300m	C3300m	C3300m
	NDB	1050'(707')	1050'(707')	1050'(707')	1050'(707')
		C3300m	C3300m	C3500m	C3500m
	ALS out	C3500m	C3500m	C3700m	C3700m

① Continuous Descent Final Approach.

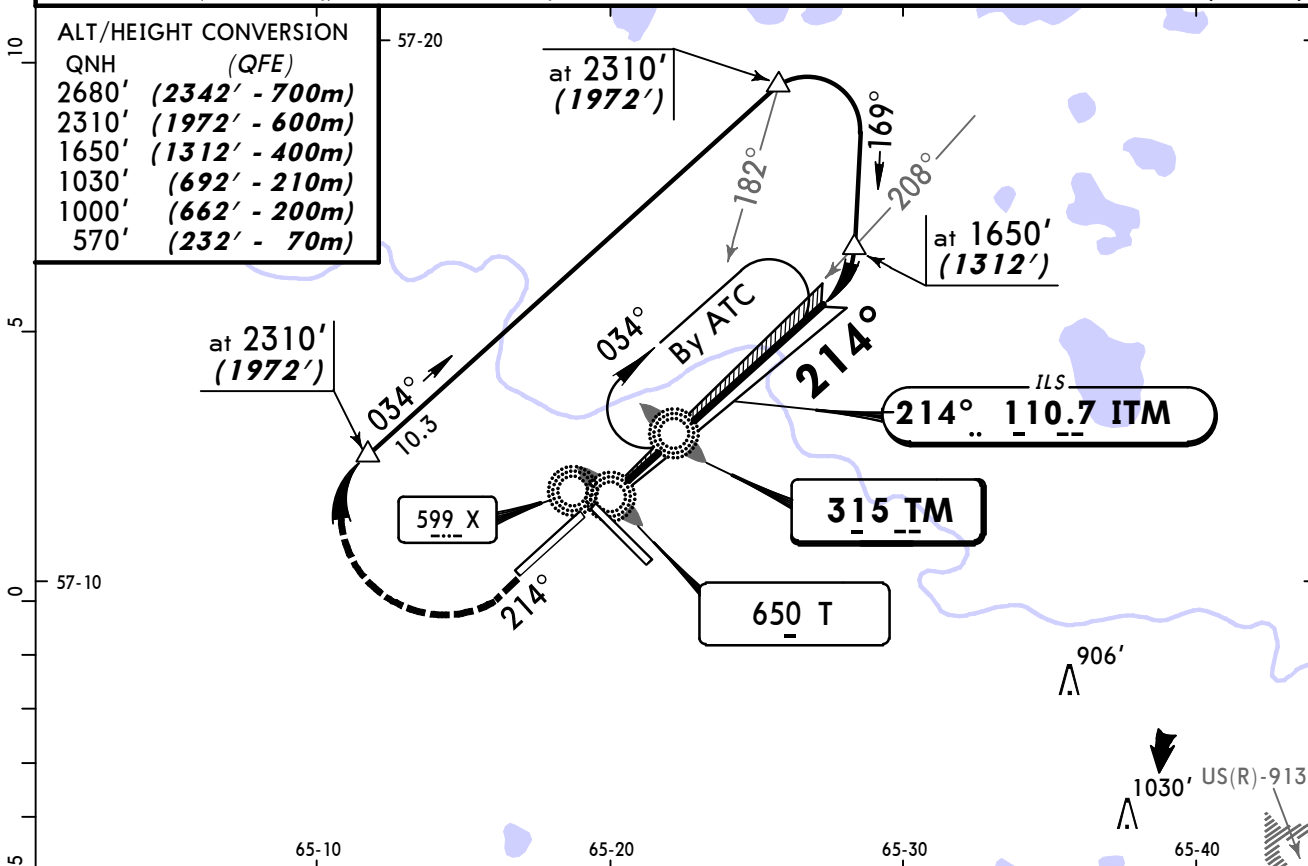
TAKE-OFF RWY 03, 12, 21, 30

LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

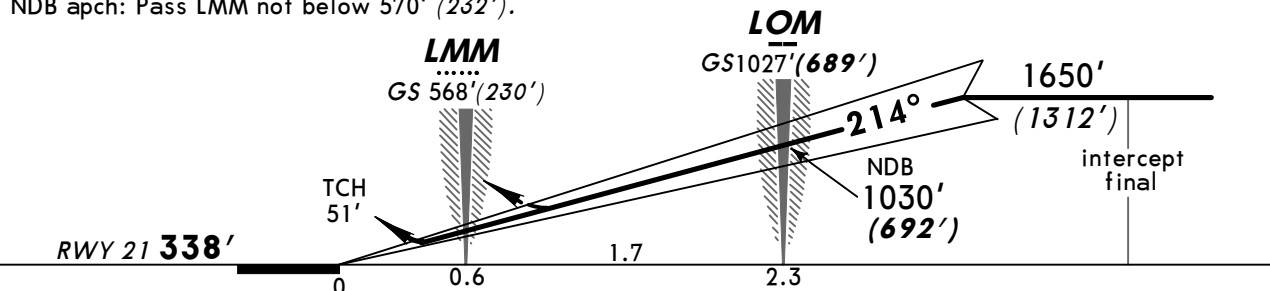


BRIEFING STRIP™

ATIS 121.7		TYUMEN Approach 126.1		TYUMEN Start (PAR/TWR) 118.2		Ground 119.0	
LOC ITM 110.7	Final Apch Crs 214°	GS LOM 1027'(689')	ILS DA(H) 538'(200')	Apt Elev 377' RWY 338'	2600' MSA ARP		
NDB TM 315		Minimum Alt LOM 1030'(692')	NDB MDA(H) 670'(332')				
MISSED APCH: Climb on 214° to 1000' (662'), then turn RIGHT onto 034° climbing to 2310' (1972'), then according to chart.							
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40		Trans alt: 2680' (2342')	



NDB apch: Pass LMM not below 570' (232').



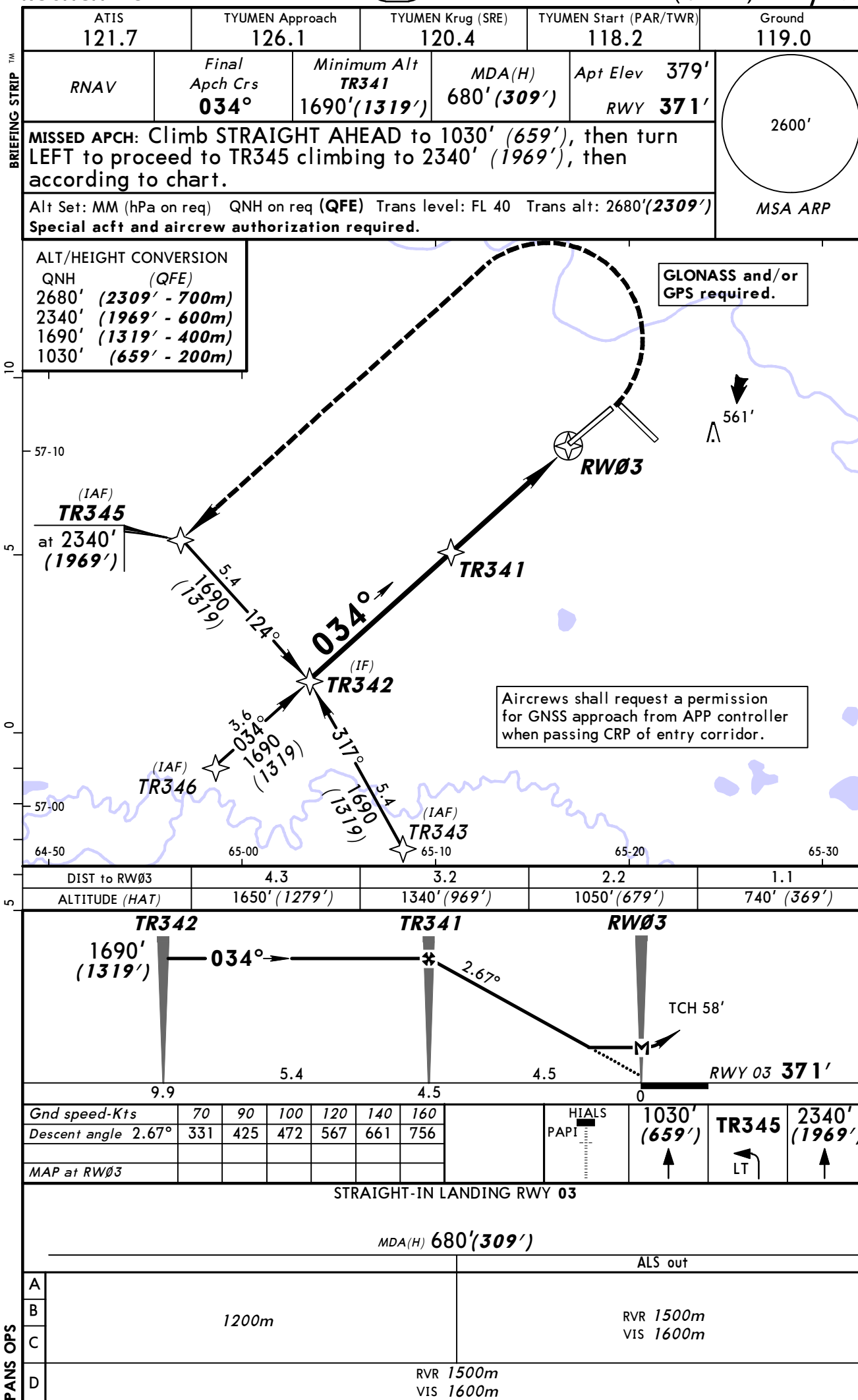
Gnd speed-Kts	70	90	100	120	140	160	HIALS	1000' (662') on 214°	034° RT	2310' (1972')
ILS GS or NDB Desc Angle 2.67°	336	433	481	577	673	769	PAPI			

STRAIGHT-IN LANDING RWY 21					
ILS		LOC (GS out)		NDB	
DA(H) 538' (200')				MDA(H) 670' (332')	
FULL	ALS out				ALS out
A					
B					
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED		
D			RVR 1500m VIS 1600m		

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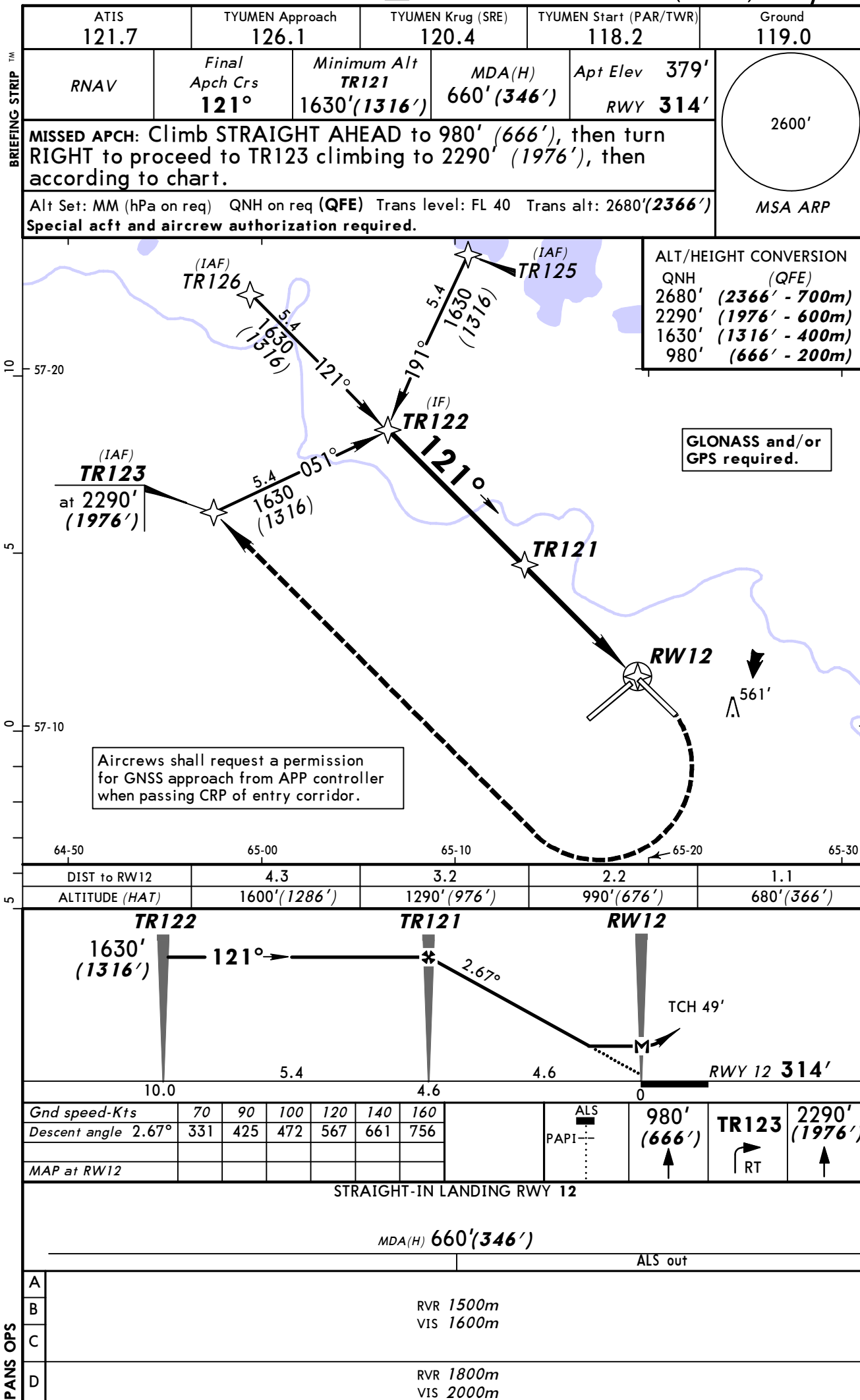
JEPPesen
4 NOV 11 (12-1) Eff 17 Nov

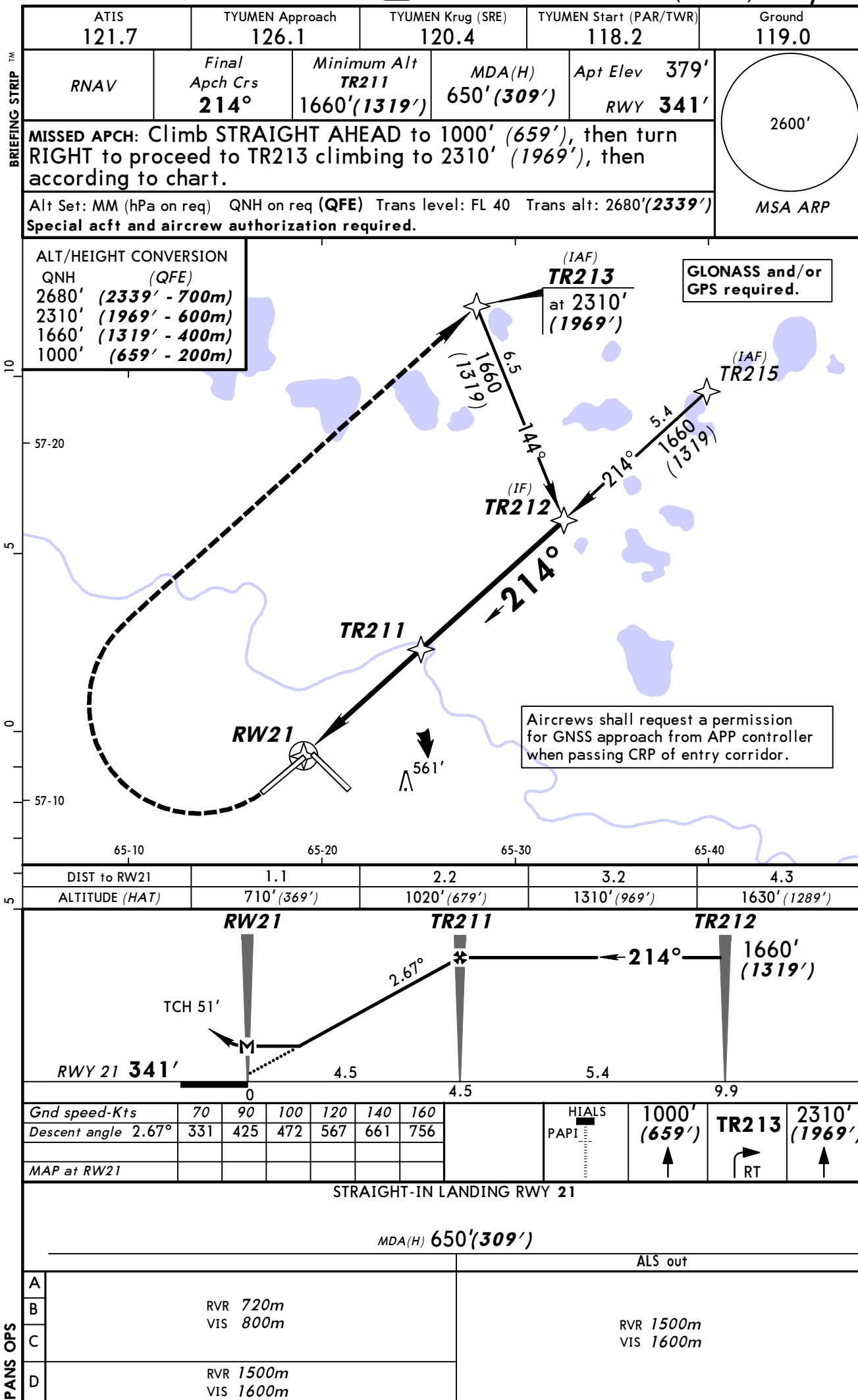
TYUMEN, RUSSIA
RNAV (GNSS) Rwy 03



CHANGES: FL.

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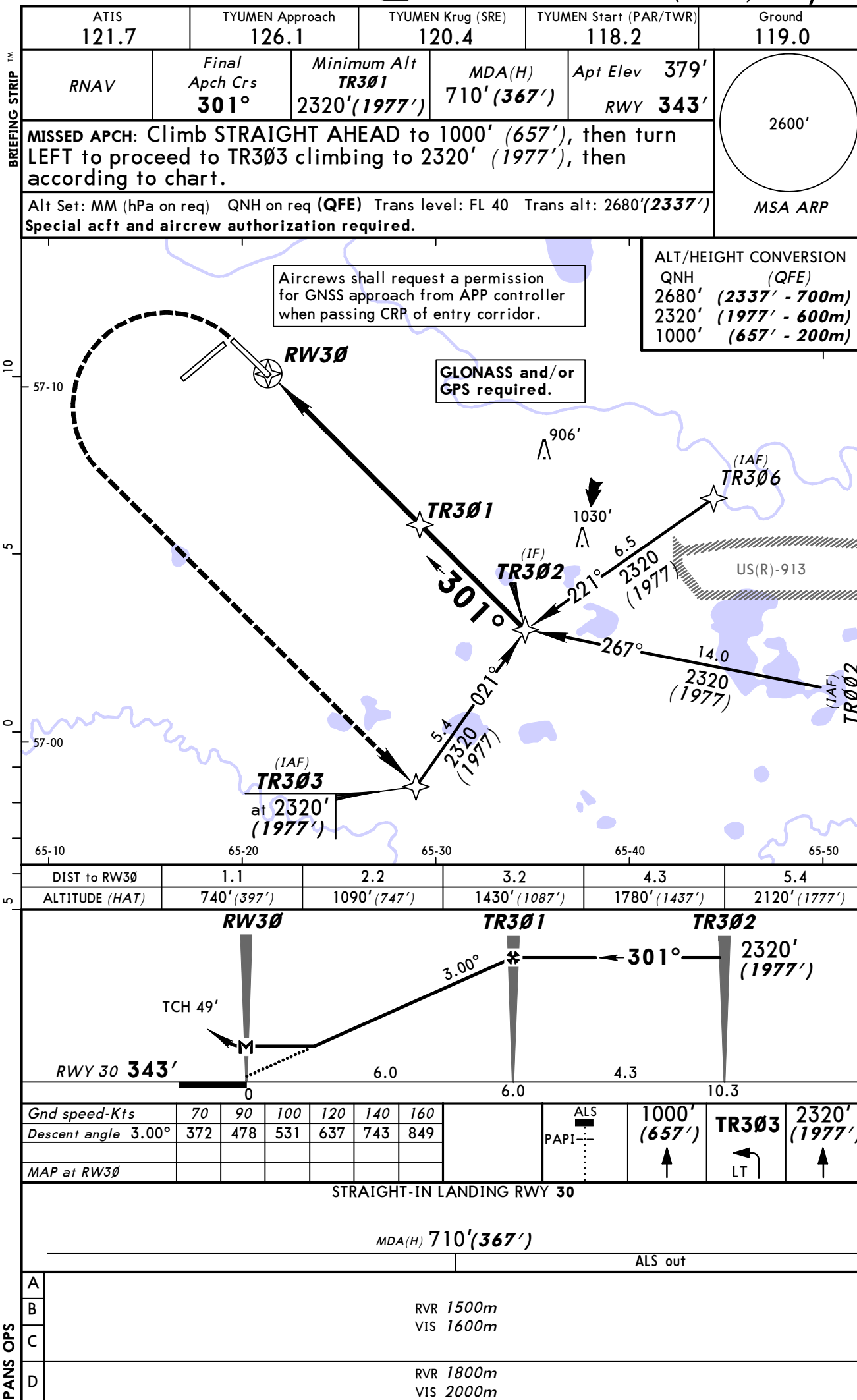




USTR/TJM
ROSHCHINO

JEPPesen
4 NOV 11 (12-4) Eff 17 Nov

TYUMEN, RUSSIA
RNAV (GNSS) Rwy 30



CHANGES: FL.

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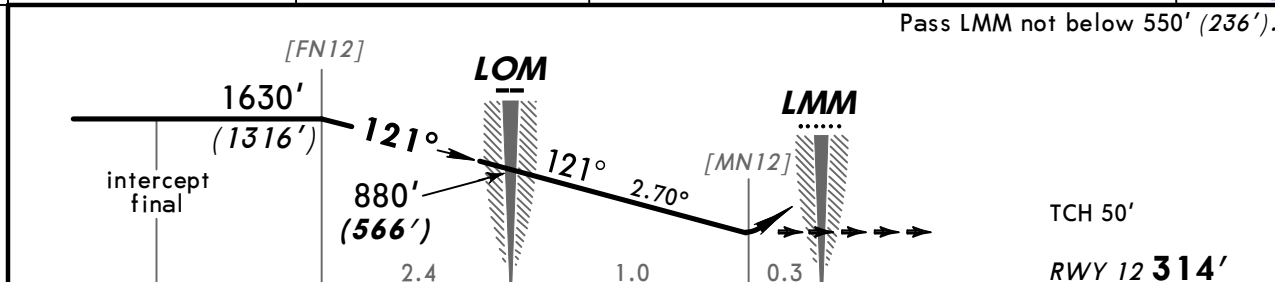
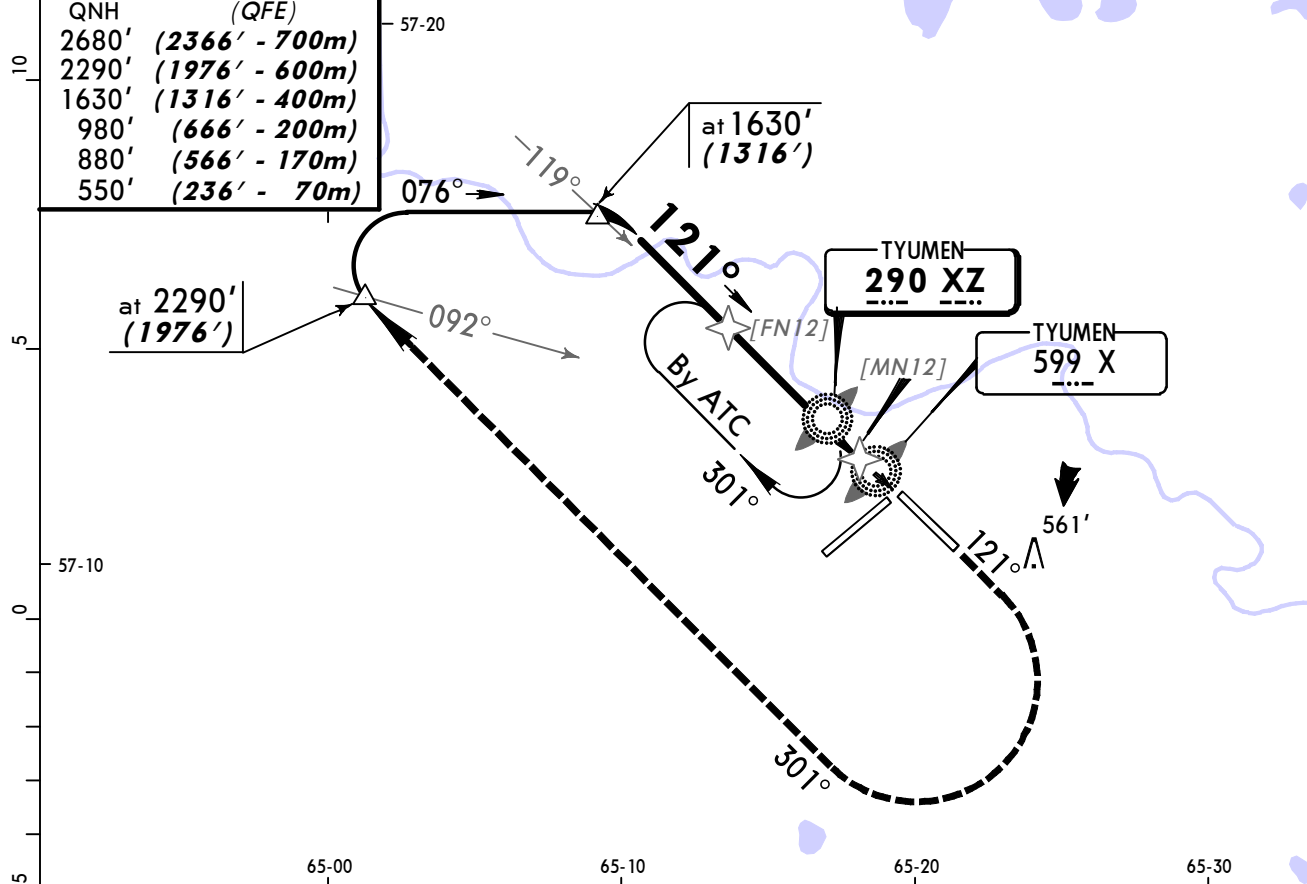
BRIEFING STRIP

ATIS 121.7	TYUMEN Approach 126.1	TYUMEN Krug (SRE) 120.4	TYUMEN Start (PAR/TWR) 118.2	Ground 119.0
NDB XZ 290	Final Apch Crs 121°	Minimum Alt LOM 880' (566')	MDA(H) 640' (326') Apt Elev 379' RWY 314'	2600' MSA ARP
MISSED APCH: Climb on 121° to 980' (666'), then turn RIGHT onto 301° climbing to 2290' (1976'), then according to chart.				

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 Trans alt: 2680' (2366')

ALT/HEIGHT CONVERSION

QNH	(QFE)
2680'	(2366' - 700m)
2290'	(1976' - 600m)
1630'	(1316' - 400m)
980'	(666' - 200m)
880'	(566' - 170m)
550'	(236' - 70m)



Gnd speed-Kts	70	90	100	120	140	160	ALS	980' (666') on 121°	301° RT	2290' (1976')
Descent Angle	2.70°	334	430	478	573	669	764			

STRAIGHT-IN LANDING RWY 12

MDA(H) 640' (326')

ALS out

A	RVR 1500m VIS 1600m	
B		
C		
D		

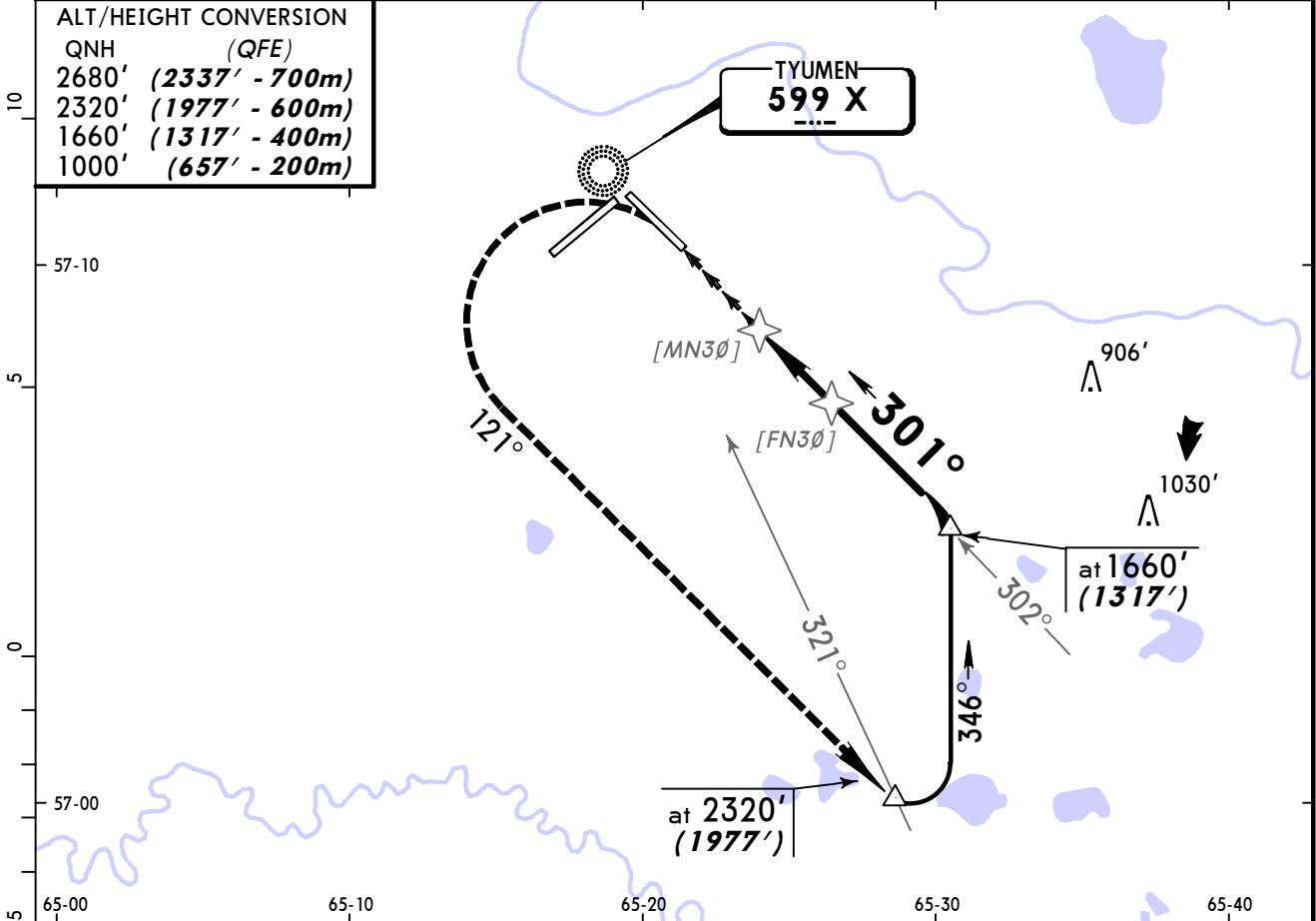
PANS OPS

BRIEFING STRIP

ATIS 121.7	TYUMEN Approach 126.1	TYUMEN Krug (SRE) 120.4	TYUMEN Start (PAR/TWR) 118.2	Ground 119.0
Lctr X 599	Final Apch Crs 301°	Minimum Alt No FAF	MDA(H) 1050' (707')	Apt Elev 379' RWY 343'
MISSED APCH: Turn LEFT onto 121° climbing to 2320' (1977'), then according to chart.				2600' MSA ARP
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 40	Trans alt: 2680' (2337')	

ALT/HEIGHT CONVERSION

QNH	(QFE)
2680'	(2337' - 700m)
2320'	(1977' - 600m)
1660'	(1317' - 400m)
1000'	(657' - 200m)



Gnd speed-Kts	70	90	100	120	140	160		ALS	121°	2320' (1977')
Descent Angle	3.00°	372	478	531	637	743	849		LT	↑

STRAIGHT-IN LANDING RWY 30			
MDA(H) 1050' (707')		ALS out	
A			
B	3200m		
C			
D	3600m		

PANS OPS

Chart changes since cycle 22-2013

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
TYUMEN, (ROSHCHINO - USTR)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport USTR