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Airport Information For UHWW

Terminal Charts For UHWW

Revision Letter For Cycle 08-2013

Change Notices

Notebook

General Information

Location: Vladivostok Rus
IATA Code: VVO
Lat/Long: N43° 23.9' E132° 08.9'
Elevation: 59 ft

Airport Use: Public
Magnetic Variation: 10.1°W

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: 2030 Z
Sunset: 0953 Z,

Runway Information

Runway: 07L
Length x Width: 11483 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 32 ft
Lighting: Edge

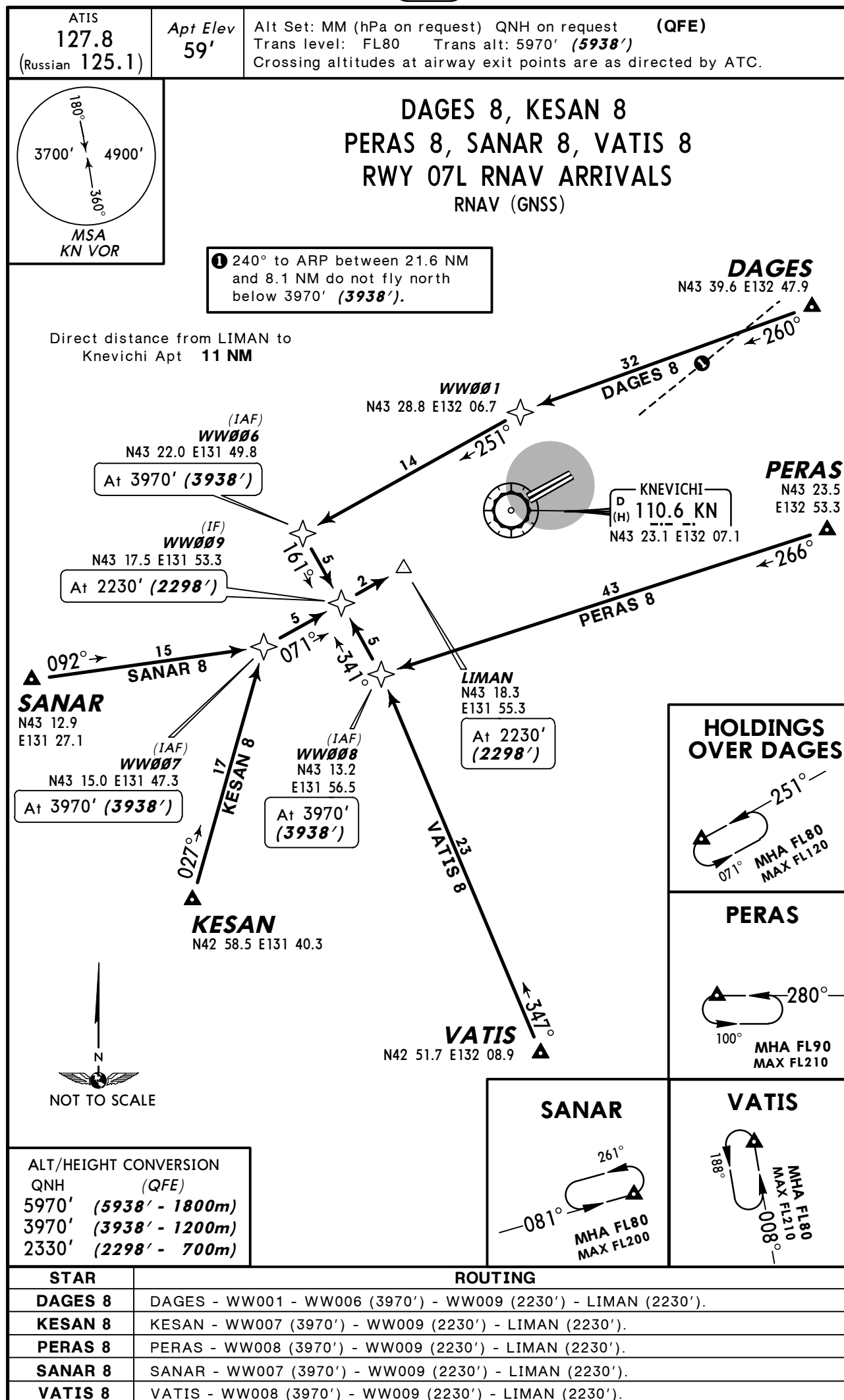
Runway: 07R
Length x Width: 11483 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 32 ft
Lighting: Edge, ALS, Centerline

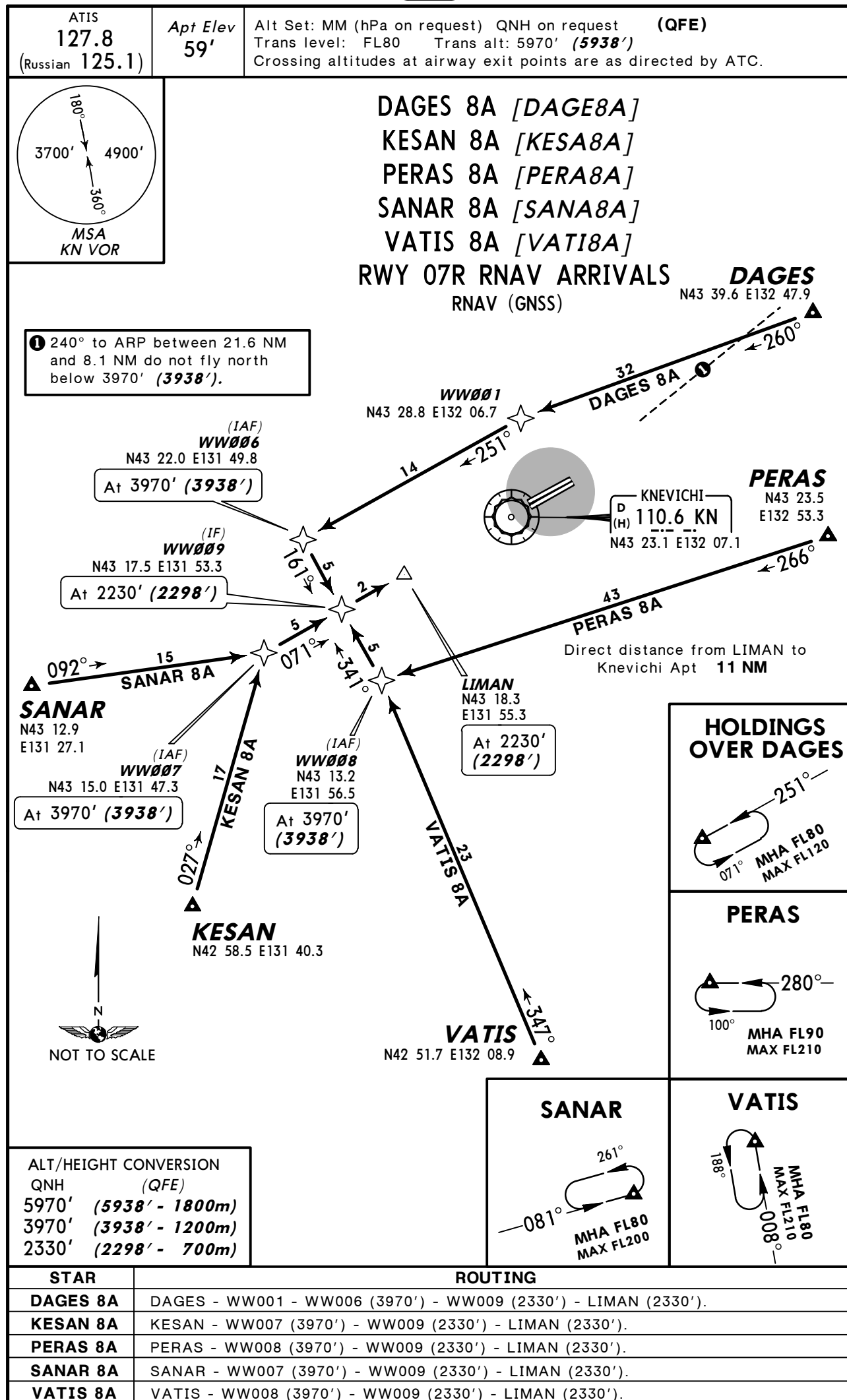
Runway: 25L
Length x Width: 11483 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 44 ft
Lighting: Edge, ALS, Centerline

Runway: 25R
Length x Width: 11483 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 32 ft
Lighting: Edge

Communication Information

- ATIS 127.8
- ATIS 125.1 Non-English
- Vladivostok Tower 126.0
- Vladivostok Tower 124.0 Secondary
- Vladivostok Ground Control 124.0 Secondary
- Vladivostok Ground Control 121.7
- Vladivostok Approach Control 124.7
- Vladivostok Approach Control 124.0 Secondary
- Vladivostok Radar 124.0 Secondary
- Vladivostok Radar 119.5
- Vladivostok-Transit Operations 131.8 Non-English

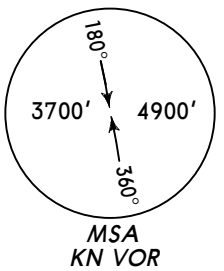




ATIS
127.8
(Russian 125.1)

Apt Elev
59'

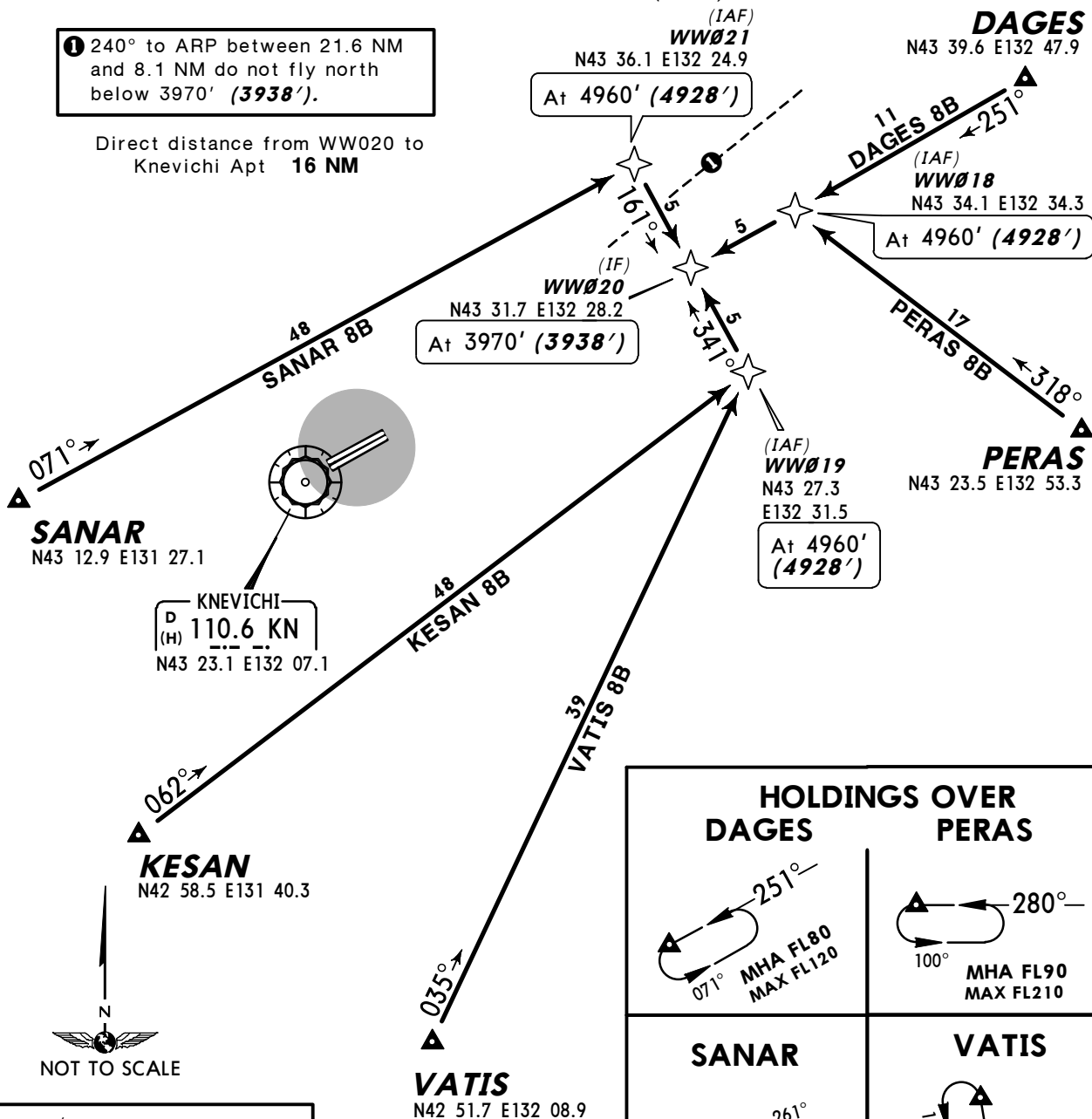
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL80 Trans alt: 5970' (5938')
Crossing altitudes at airway exit points are as directed by ATC.



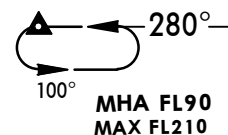
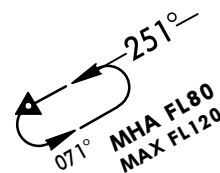
DAGES 8B [DAGE8B]
KESAN 8B [KESA8B]
PERAS 8B [PERA8B]
SANAR 8B [SANA8B]
VATIS 8B [VATI8B]
RWY 25R RNAV ARRIVALS
RNAV (GNSS)

① 240° to ARP between 21.6 NM and 8.1 NM do not fly north below 3970' (3938').

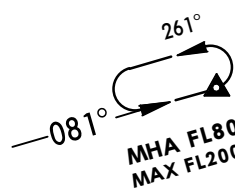
Direct distance from WW020 to Knevichi Apt 16 NM



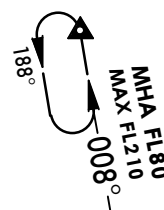
HOLDINGS OVER
DAGES PERAS



SANAR



VATIS



ALT/HEIGHT CONVERSION
QNH (QFE)
5970' (5938' - 1800m)
4960' (4928' - 1500m)
3970' (3938' - 1200m)

STAR

ROUTING

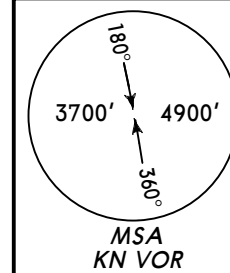
DAGES 8B	DAGES - WW018 (4960') - WW020 (3970').
KESAN 8B	KESAN - WW019 (4960') - WW020 (3970').
PERAS 8B	PERAS - WW018 (4960') - WW020 (3970').
SANAR 8B	SANAR - WW021 (4960') - WW020 (3970').
VATIS 8B	VATIS - WW019 (4960') - WW020 (3970').

ATIS
127.8
(Russian 125.1)

Apt Elev
59'

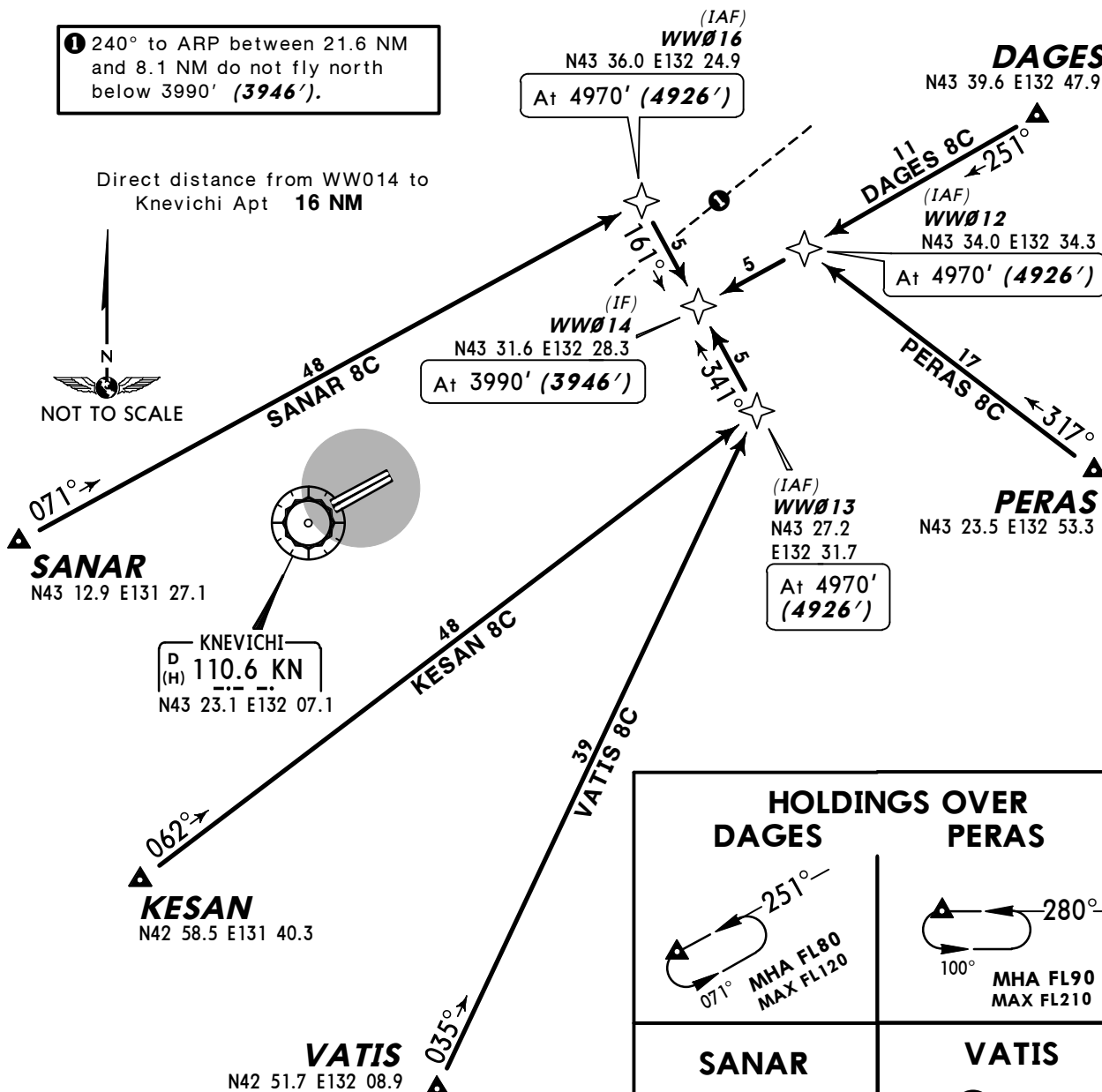
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL80 Trans alt: 5970' (5926')
Crossing altitudes at airway exit points are as directed by ATC.

DAGES 8C [DAGE8C]
KESAN 8C [KESA8C]
PERAS 8C [PERA8C]
SANAR 8C [SANA8C]
VATIS 8C [VATI8C]
RWY 25L RNAV ARRIVALS
RNAV (GNSS)



① 240° to ARP between 21.6 NM and 8.1 NM do not fly north below 3990' (3946').

Direct distance from WW014 to Knevichi Apt 16 NM



HOLDINGS OVER	
DAGES	PERAS
SANAR	VATIS

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5970'	(5926' - 1800m)
4970'	(4926' - 1500m)
3990'	(3946' - 1200m)

STAR	ROUTING
DAGES 8C	DAGES - WW012 (4970') - WW014 (3990').
KESAN 8C	KESAN - WW013 (4970') - WW014 (3990').
PERAS 8C	PERAS - WW012 (4970') - WW014 (3990').
SANAR 8C	SANAR - WW016 (4970') - WW014 (3990').
VATIS 8C	VATIS - WW013 (4970') - WW014 (3990').

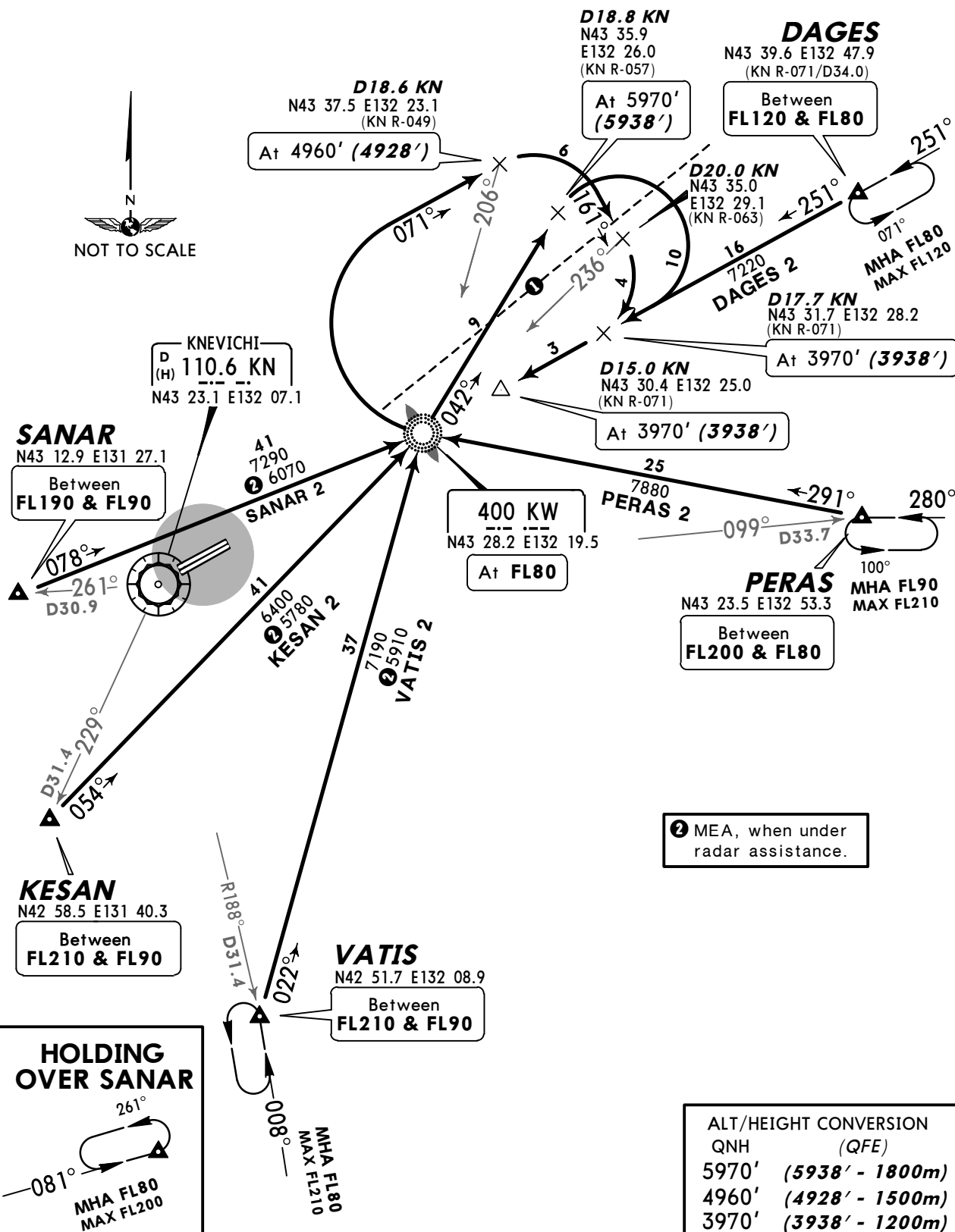
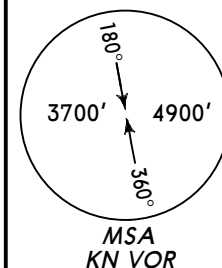
ATIS
127.8
(Russian 125.1)

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL80 Trans alt: 5970' (5938')
Crossing altitudes at airway exit points are as directed by ATC.

DAGES 2, KESAN 2
PERAS 2, SANAR 2, VATIS 2
RWY 25R ARRIVALS

① 240° to ARP between 21.6 NM
and 8.1 NM do not fly north
below 3970' (3938').

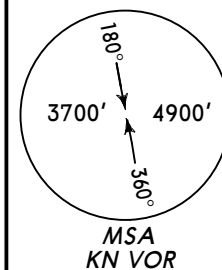


ATIS
127.8
(Russian 125.1)

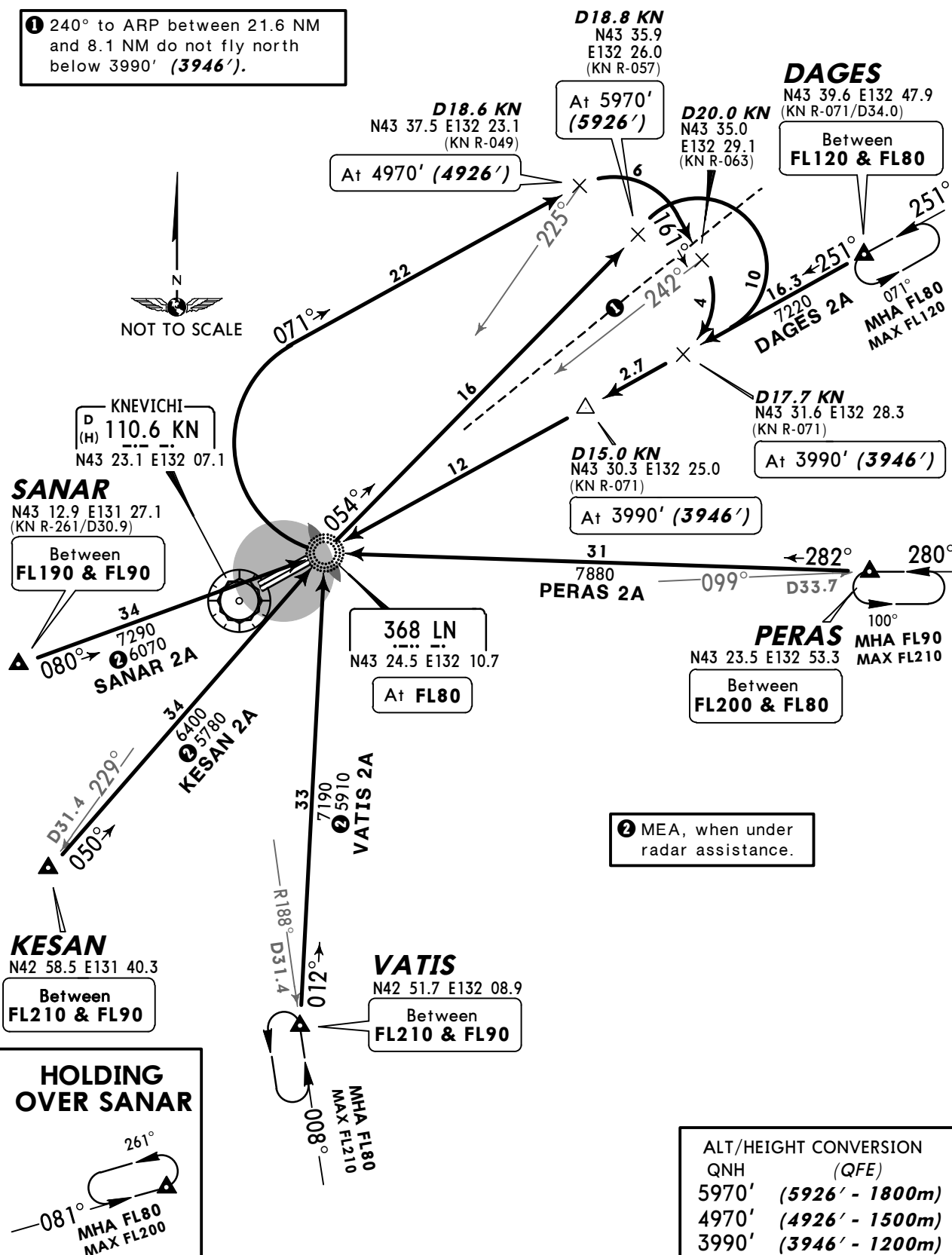
Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL80 Trans alt: 5970' (5926')
Crossing altitudes at airway exit points are as directed by ATC.

DAGES 2A [DAGE2A]
KESAN 2A [KESA2A]
PERAS 2A [PERA2A]
SANAR 2A [SANA2A]
VATIS 2A [VATI2A]
RWY 25L ARRIVALS



① 240° to ARP between 21.6 NM and 8.1 NM do not fly north below 3990' (3946').



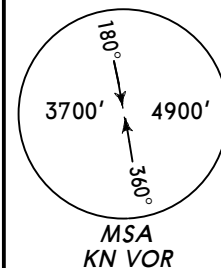
ATIS
127.8
(Russian 125.1)

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL80 Trans alt: 5970' (5938')
Crossing altitudes at airway exit points are as directed by ATC.

DAGES 4, KESAN 4
PERAS 4, SANAR 4, VATIS 4
RWY 07L ARRIVALS

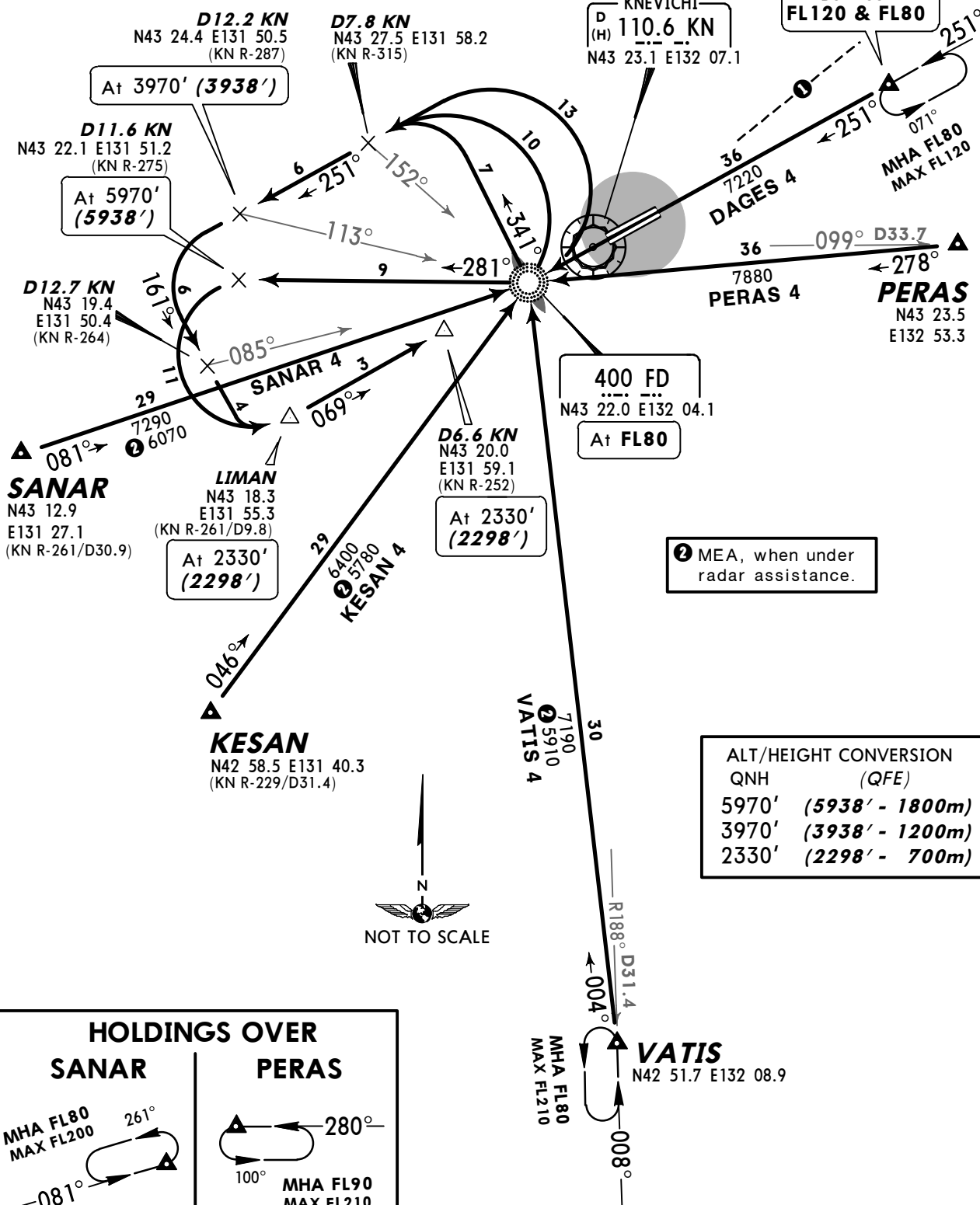
① 240° to ARP between 21.6 NM
and 8.1 NM do not fly north
below 3970' (3938').



DAGES

N43 39.6 E132 47.9
(KN R-071/D34.0)

Between
FL120 & FL80



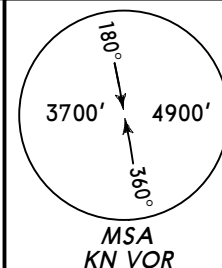
ATIS
127.8
(Russian 125.1)

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL80 Trans alt: 5970' (5938')
Crossing altitudes at airway exit points are as directed by ATC.

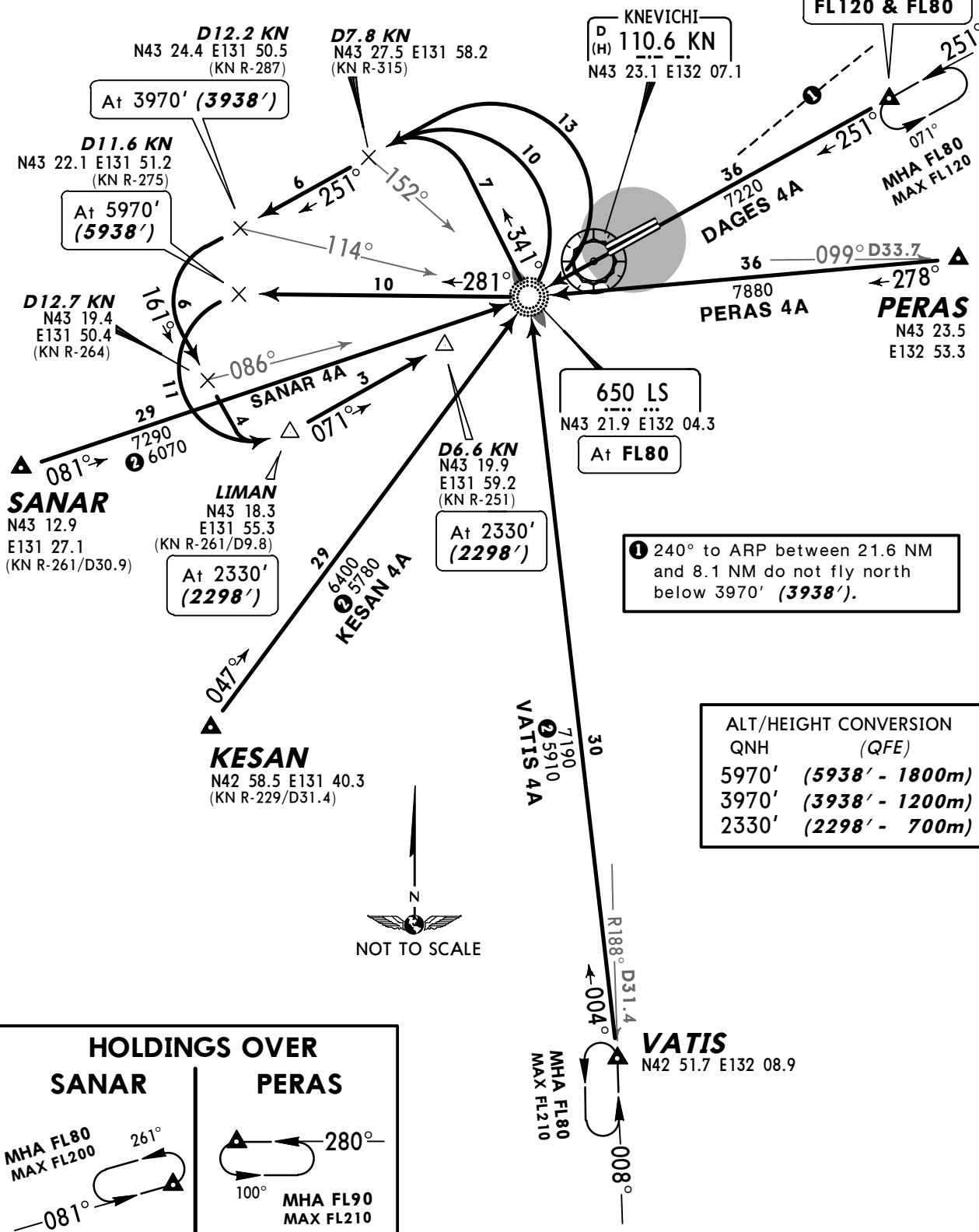
DAGES 4A [DAGE4A]
KESAN 4A [KESA4A]
PERAS 4A [PERA4A]
SANAR 4A [SANA4A]
VATIS 4A [VATI4A]
RWY 07R ARRIVALS

② MEA, when under
radar assistance.



DAGES
N43 39.6 E132 47.9
(KN R-071/D34.0)

Between
FL120 & FL80

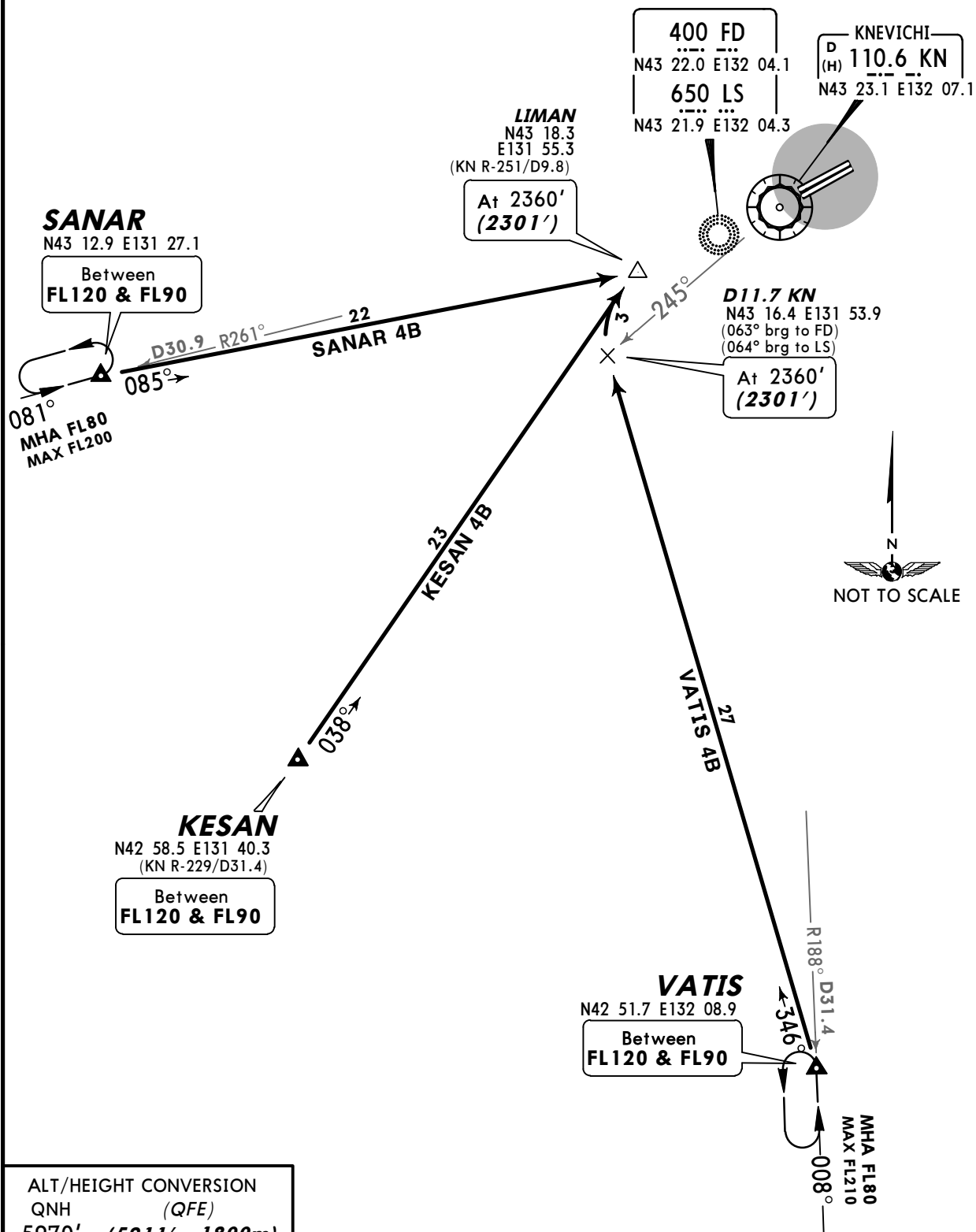
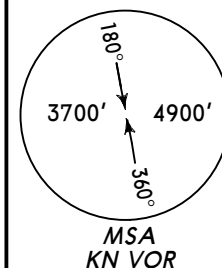


ATIS
127.8
(Russian 125.1)

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL80 Trans alt: 5970' (5911')
Crossing altitudes at airway exit points are as directed by ATC.

KESAN 4B [KESA4B]
SANAR 4B [SANA4B]
VATIS 4B [VATI4B]
RWYS 07L/R RADAR ARRIVALS



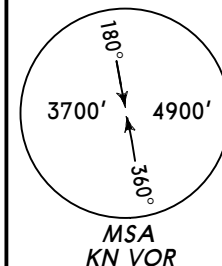
ALT/HEIGHT CONVERSION
QNH (QFE)
5970' (5911' - 1800m)
2360' (2301' - 700m)

ATIS
127.8
(Russian 125.1)

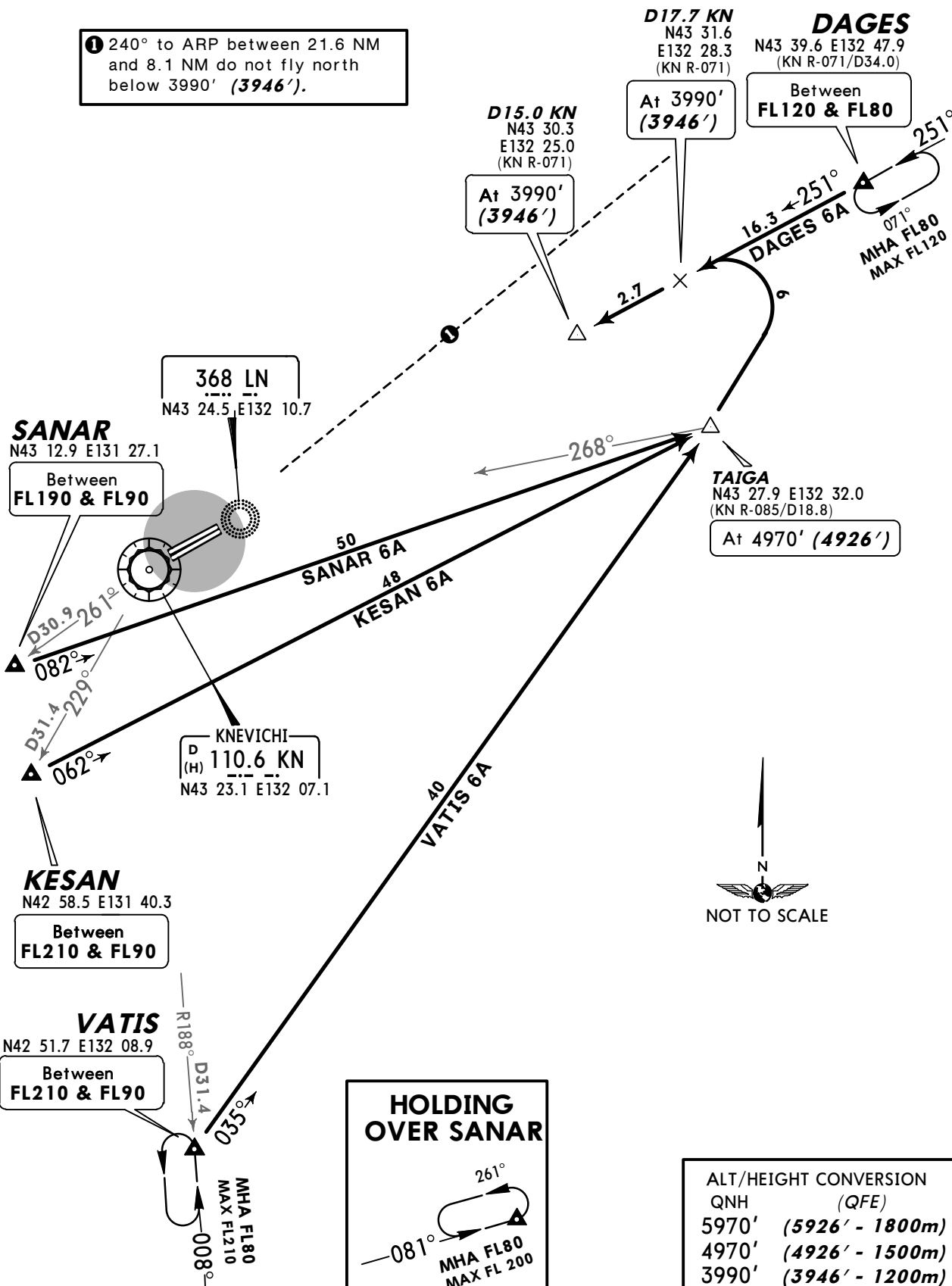
Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL80 Trans alt: 5970' (5926')
Crossing altitudes at airway exit points are as directed by ATC.

DAGES 6A [DAGE6A]
KESAN 6A [KESA6A]
SANAR 6A [SANA6A]
VATIS 6A [VATI6A]
RWY 25L RADAR ARRIVALS

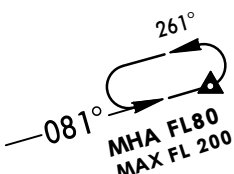


① 240° to ARP between 21.6 NM and 8.1 NM do not fly north below 3990' (3946').



NOT TO SCALE

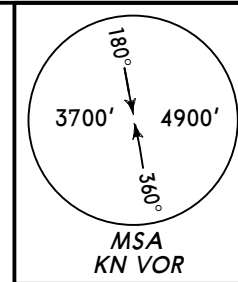
HOLDING
OVER SANAR



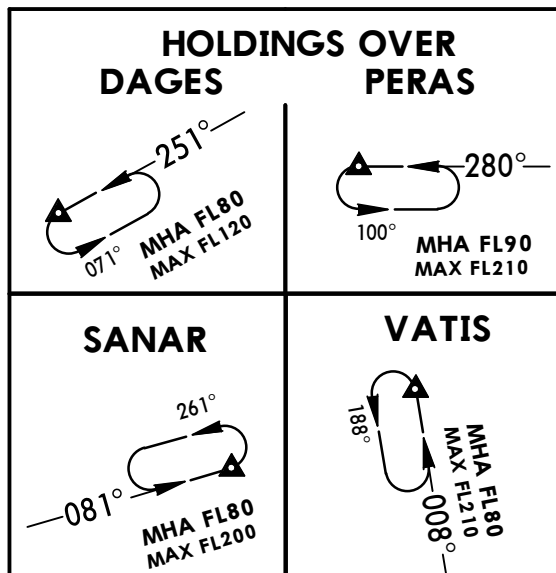
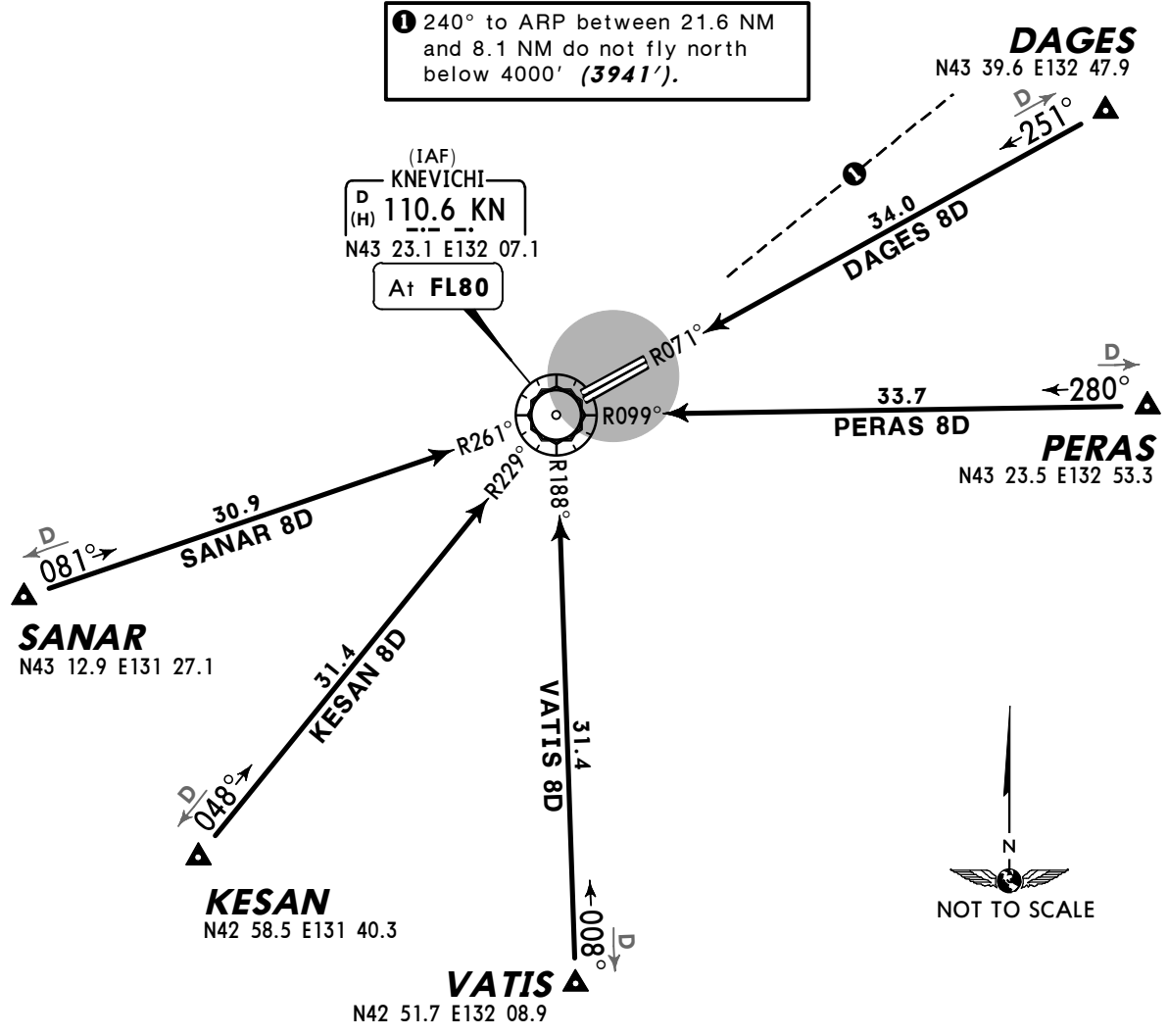
ALT/HEIGHT CONVERSION	
QNH	(QFE)
5970'	(5926' - 1800m)
4970'	(4926' - 1500m)
3990'	(3946' - 1200m)

ATIS 127.8 (Russian 125.1)	Apt Elev 59'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL80 Trans alt: 5970' (5911') Crossing altitudes at airway exit points are as directed by ATC.
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DAGES 8D [DAGE8D]
KESAN 8D [KESA8D]
PERAS 8D [PERA8D]
SANAR 8D [SANA8D]
VATIS 8D [VATI8D]
RWYS 07L/R, 25L/R ARRIVALS



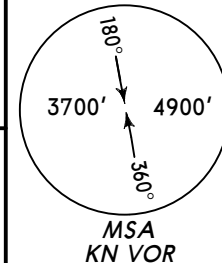
① 240° to ARP between 21.6 NM and 8.1 NM do not fly north below 4000' **(3941')**.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5170'	(5911' - 1800m)
4000'	(3941' - 1200m)

Apt Elev
59'

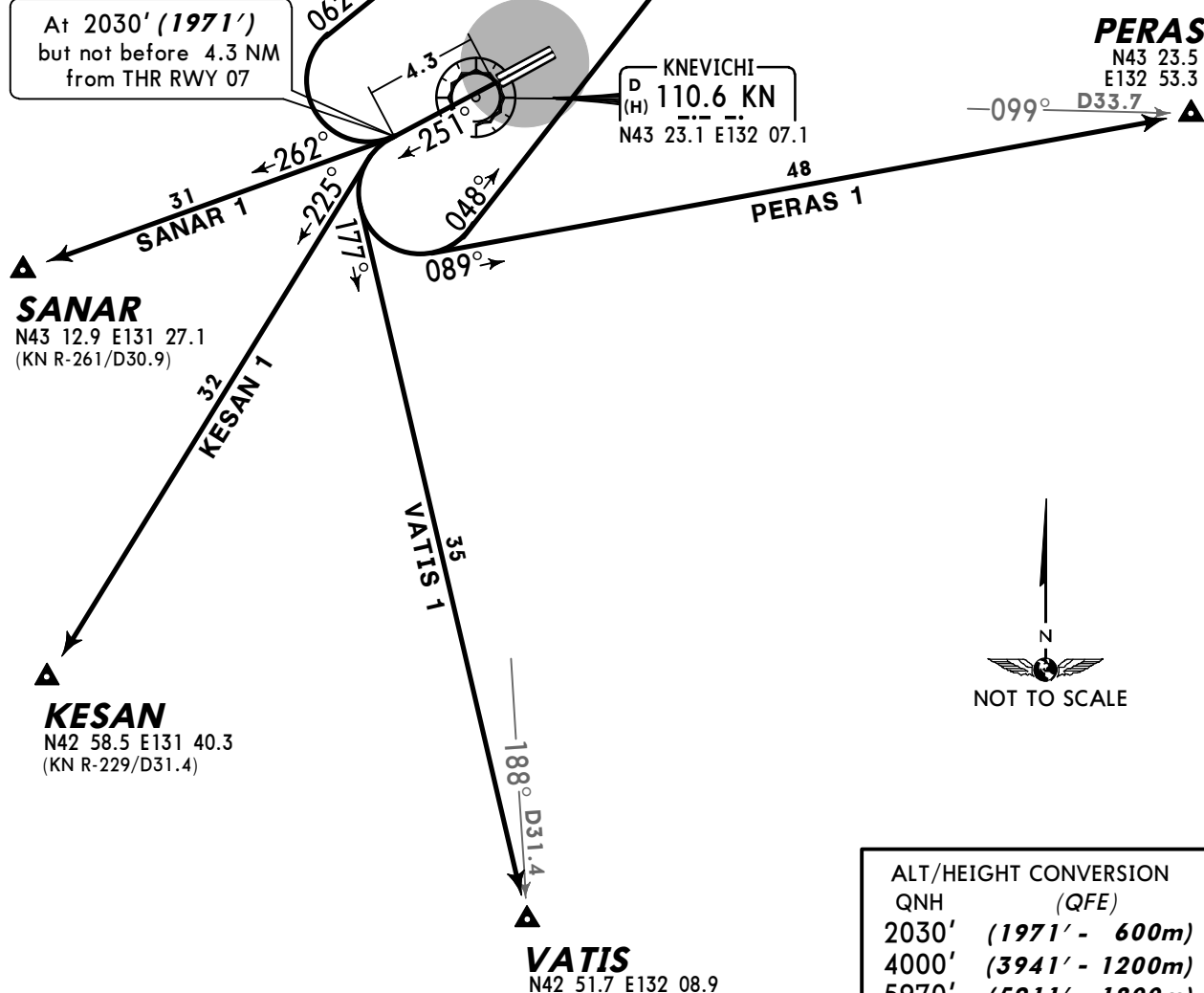
QNH on request (QFE)
Trans level: FL80 Trans alt: 5970' (5911')
Crossing altitudes at airway entry points are as directed by ATC.



DOLMA 1
DOLMA 1A [DOLM1A]
KESAN 1, PERAS 1
SANAR 1, VATIS 1
RWYS 25R/L DEPARTURES

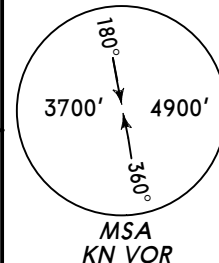
① 060° from ARP between 8.1 NM and 21.6 NM do not fly north below 4000' (3941').

At 2030' (1971')
but not before 4.3 NM
from THR RWY 07



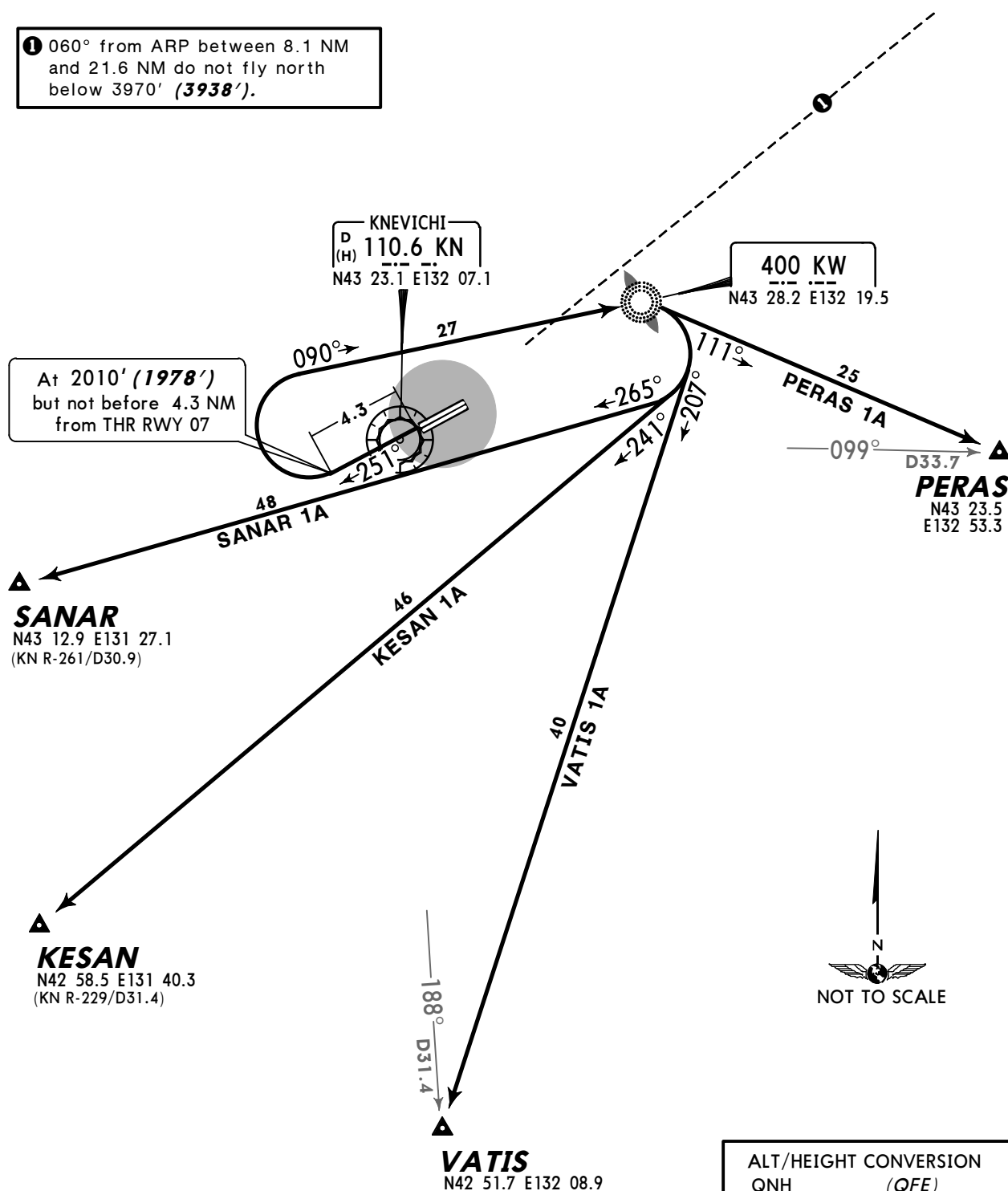
Apt Elev
59'

QNH on request (QFE)
Trans level: FL80 Trans alt: 5970' (5938')
Crossing altitudes at airway entry points are as directed by ATC.



KESAN 1A [KESA1A]
PERAS 1A [PERA1A]
SANAR 1A [SANA1A]
VATIS 1A [VATI1A]
RWY 25R DEPARTURES

① 060° from ARP between 8.1 NM and 21.6 NM do not fly north below 3970' (3938').



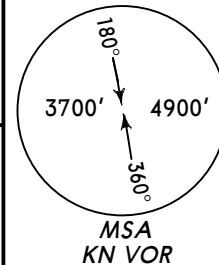
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2010'	(1978' - 600m)
3970'	(3938' - 1200m)
5970'	(5938' - 1800m)

Apt Elev
59'

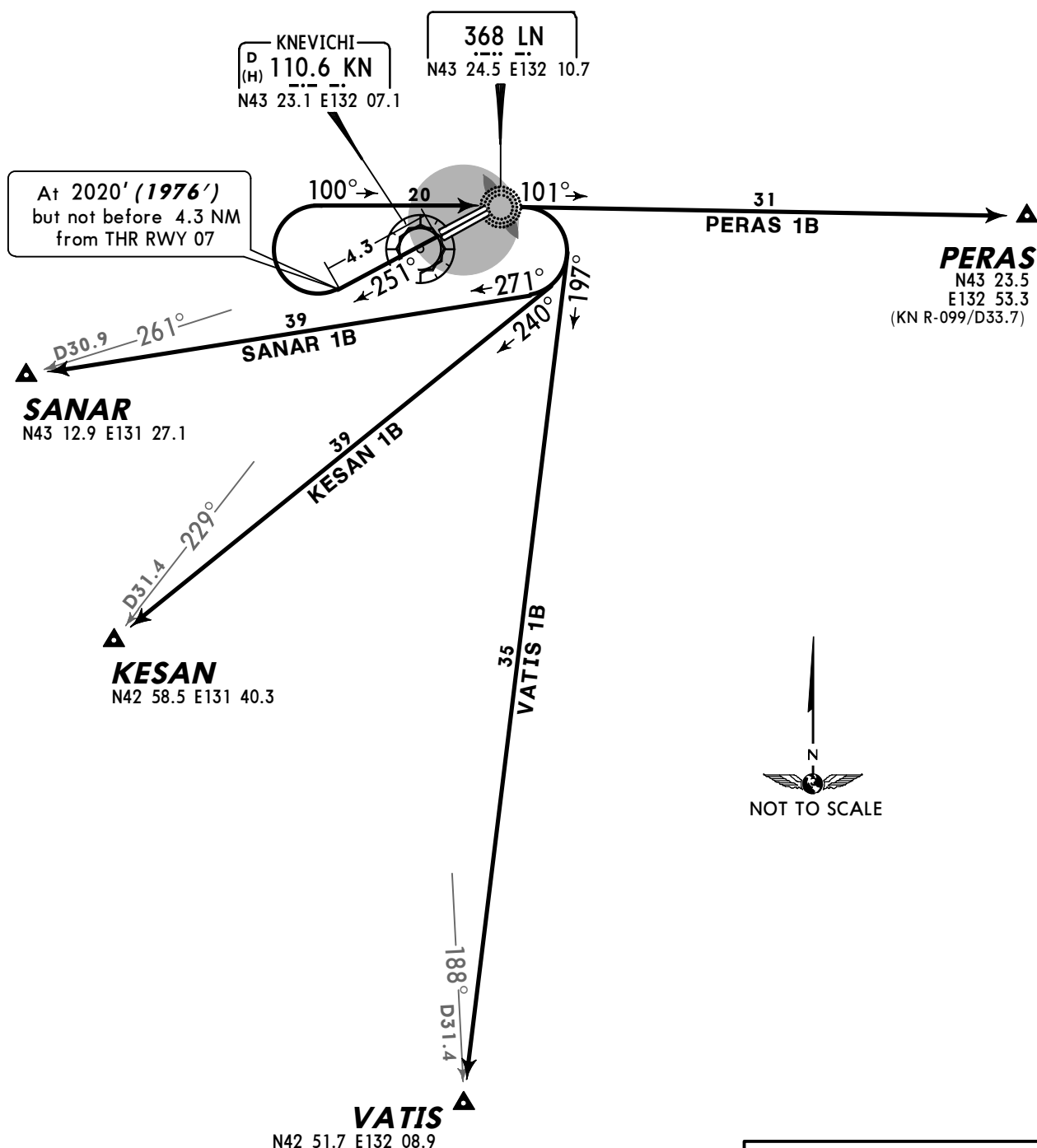
QNH on request (QFE)

Trans level: FL80 Trans alt: 5970' (5926')

Crossing altitudes at airway entry points are as directed by ATC.



KESAN 1B [KESA1B]
PERAS 1B [PERA1B]
SANAR 1B [SANA1B]
VATIS 1B [VATI1B]
RWY 25L DEPARTURES



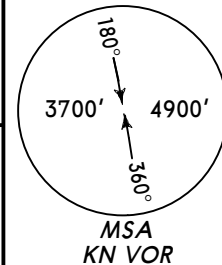
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2020'	(1976' - 600m)
5970'	(5926' - 1800m)

Apt Elev
59'

QNH on request (QFE)

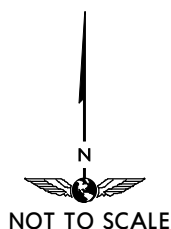
Trans level: FL80 Trans alt: 5970' (5911')

Crossing altitudes at airway entry points are as directed by ATC.



DOLMA 3
KESAN 3, KESAN 3A [KESA3A]
PERAS 3, PERAS 3A [PERA3A]
SANAR 3, SANAR 3A [SANA3A]
VATIS 3, VATIS 3A [VATI3A]
RWYS 07L/R DEPARTURES

DOLMA
N43 48.0 E132 39.1
(KN R-053/D34.1)



KESAN 3, PERAS 3,
SANAR 3, VATIS 3
Turn at 2030' (1971')
but not before 4.3 NM
from THR RWY 25

At 3340' (3281')
but not before 8.6 NM
from THR RWY 25

KNEVICH
D (H) 110.6 KN
N43 23.1 E132 07.1

400 FD
N43 22.0 E132 04.1
650 LS
N43 21.9 E132 04.3

SANAR
N43 12.9 E131 27.1
(KN R-261/D30.9)

KESAN
N42 58.5 E131 40.3
(KN R-229/D31.4)

VATIS
N42 51.7 E132 08.9
(KN R-188/D31.4)

PERAS
N43 23.5
E132 53.3
(KN R-099/D33.7)

① 060° from ARP between 8.1 NM
and 21.6 NM do not fly north
below 4000' (3941').

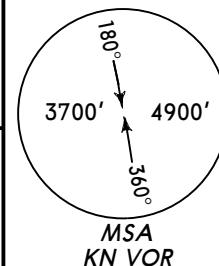
ALT/HEIGHT	CONVERSION
QNH	(QFE)
2030'	(1971' - 600m)
3340'	(3281' - 1000m)
4000'	(3941' - 1200m)
5970'	(5911' - 1800m)

Apt Elev
59'

QNH on request (QFE)

Trans level: FL80 Trans alt: 5970' (5911')

Crossing altitudes at airway entry points are as directed by ATC.



DOLMA 5

KESAN 5

PERAS 5

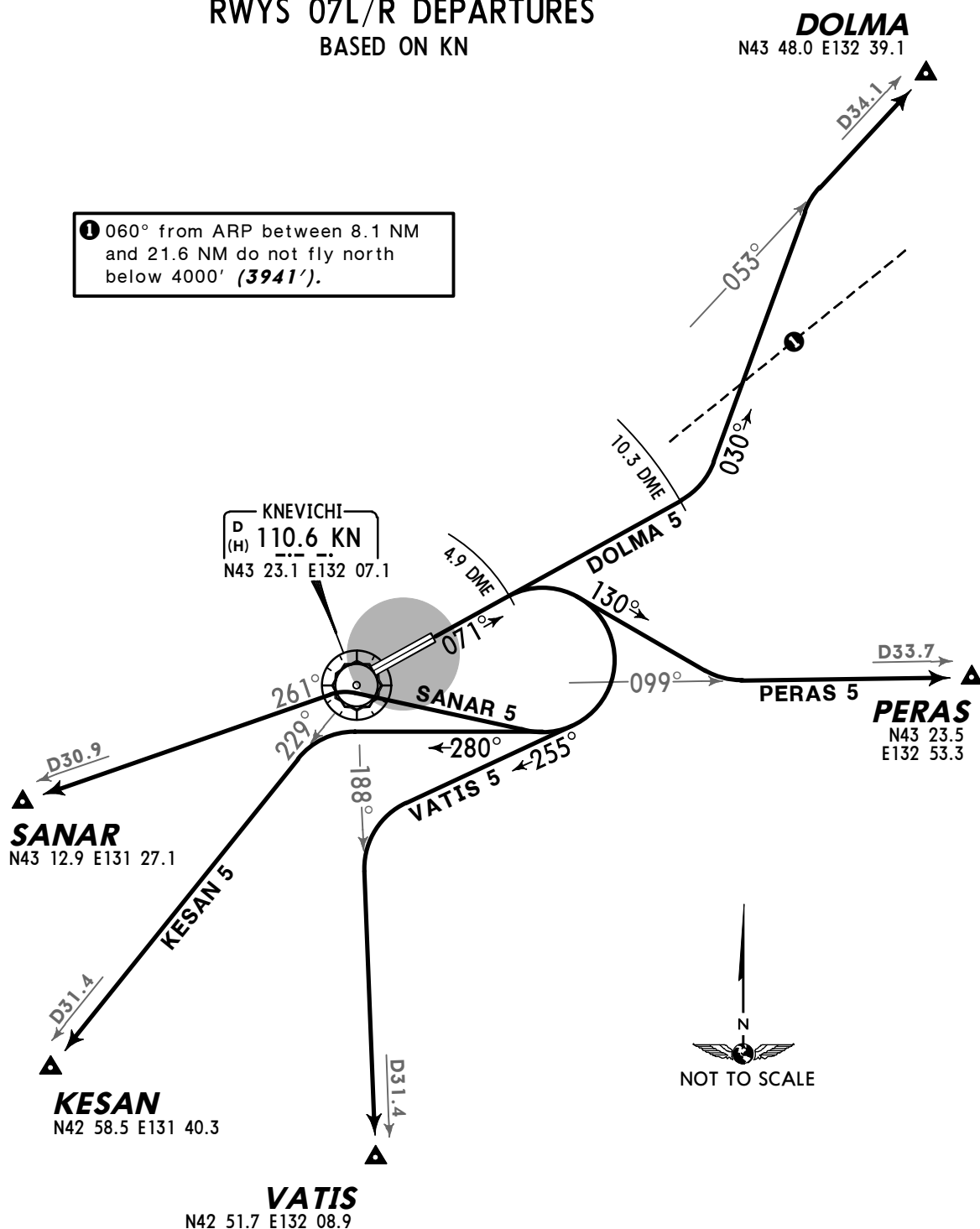
SANAR 5

VATIS 5

RWYS 07L/R DEPARTURES

BASED ON KN

① 060° from ARP between 8.1 NM and 21.6 NM do not fly north below 4000' (3941').



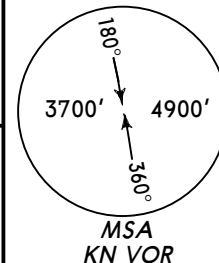
ALT/HEIGHT CONVERSION	
QNH	(QFE)
4000'	(3941' - 1200m)
5970'	(5911' - 1800m)

Apt Elev
59'

QNH on request (QFE)

Trans level: FL80 Trans alt: 5970' (5911')

Crossing altitudes at airway entry points are as directed by ATC.



DOLMA 7

KESAN 7

PERAS 7

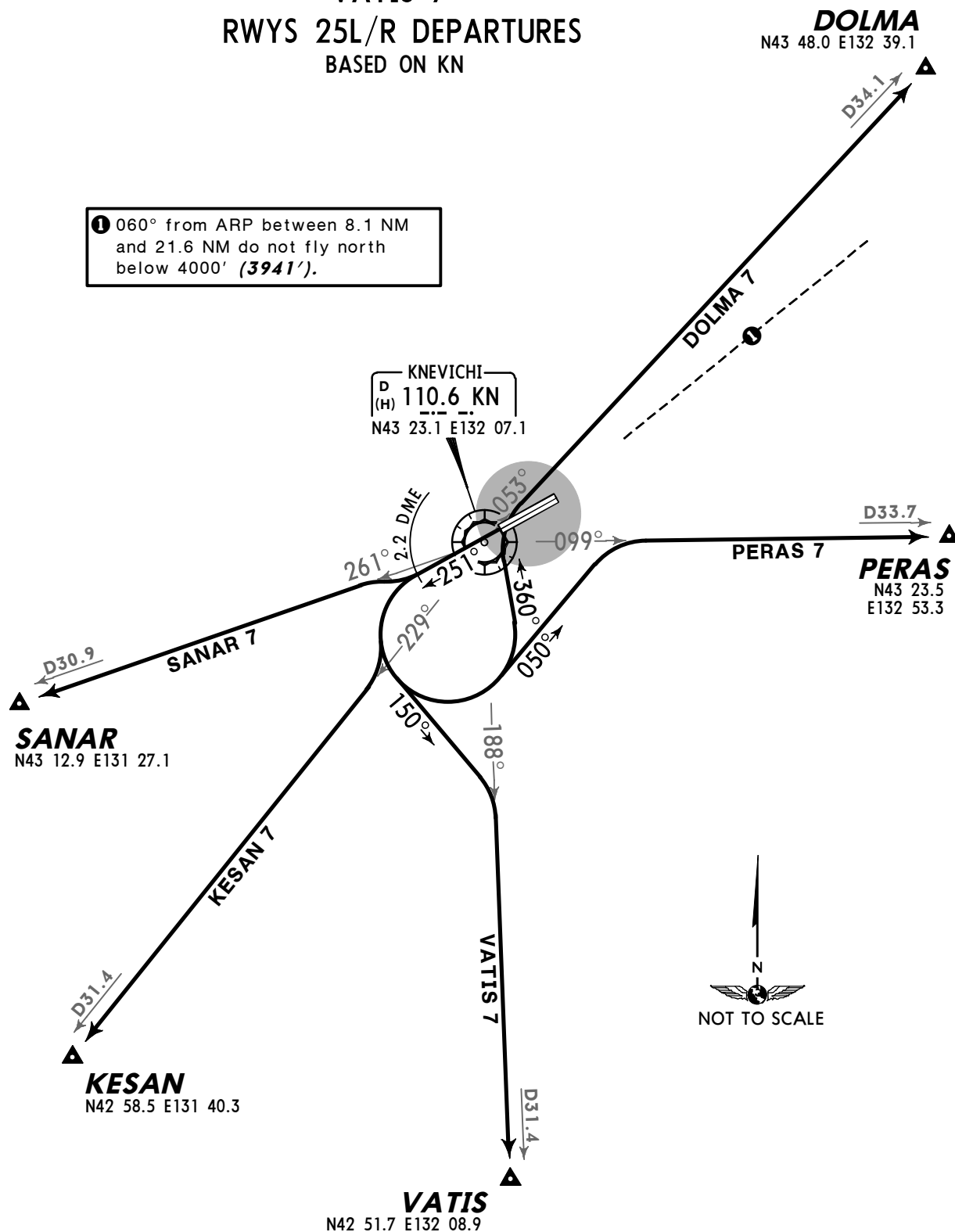
SANAR 7

VATIS 7

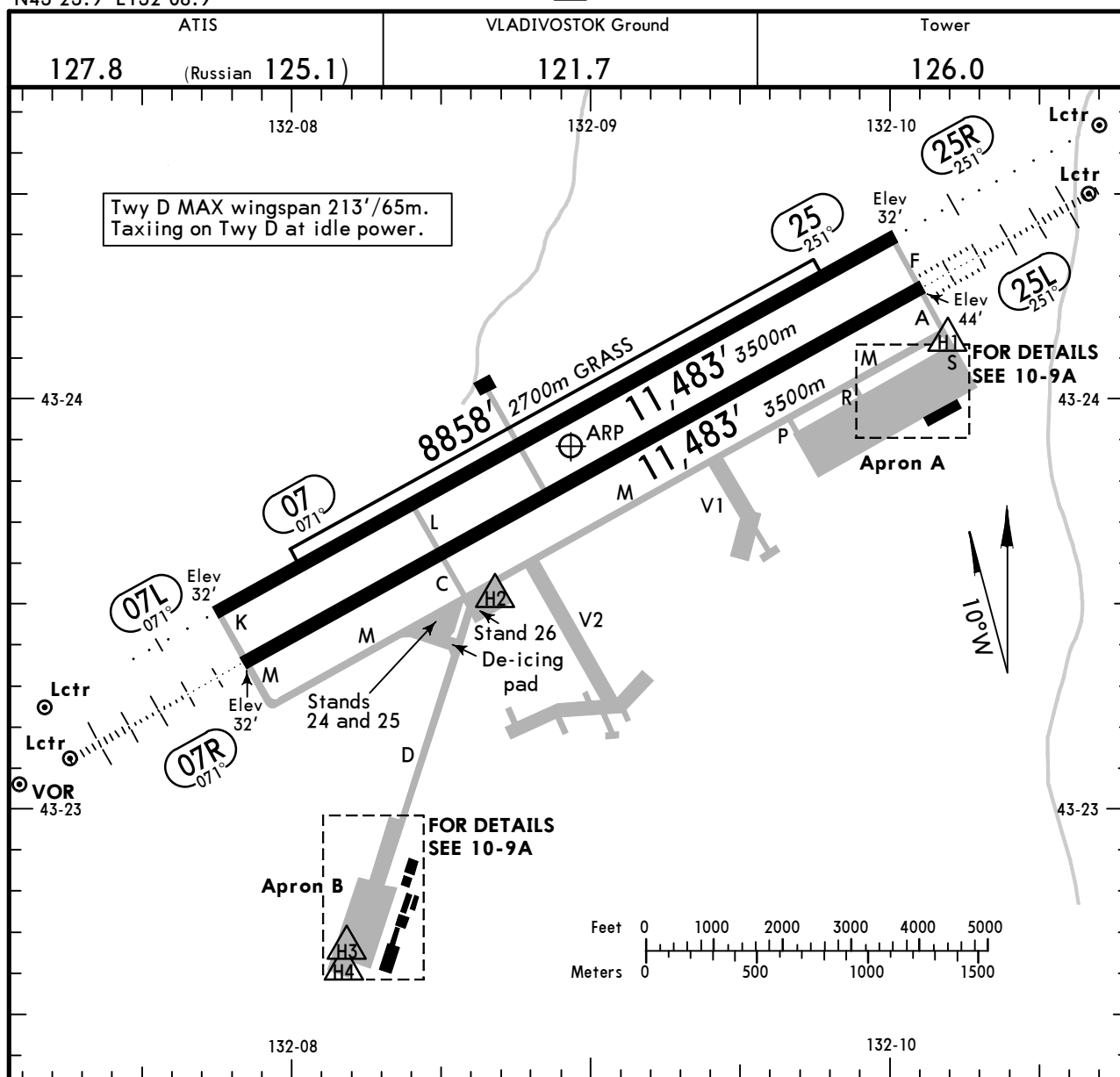
RWYS 25L/R DEPARTURES

BASED ON KN

① 060° from ARP between 8.1 NM and 21.6 NM do not fly north below 4000' (3941').



ALT/HEIGHT CONVERSION	
QNH	(QFE)
4000'	(3941' - 1200m)
5970'	(5911' - 1800m)



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS			WIDTH
		Threshold	Landing Beyond	Take-off	
07	25				197' 60m
07L	RL (60m) ALS			①	197' 60m
25R	RL (60m) ALS PAPI-L (3.0°)		10,572' 3222m		

① TAKE-OFF RUN AVAILABLE RWY 07L:

From rwy head 11,483' (3500m)
twy L int 7874' (2400m)

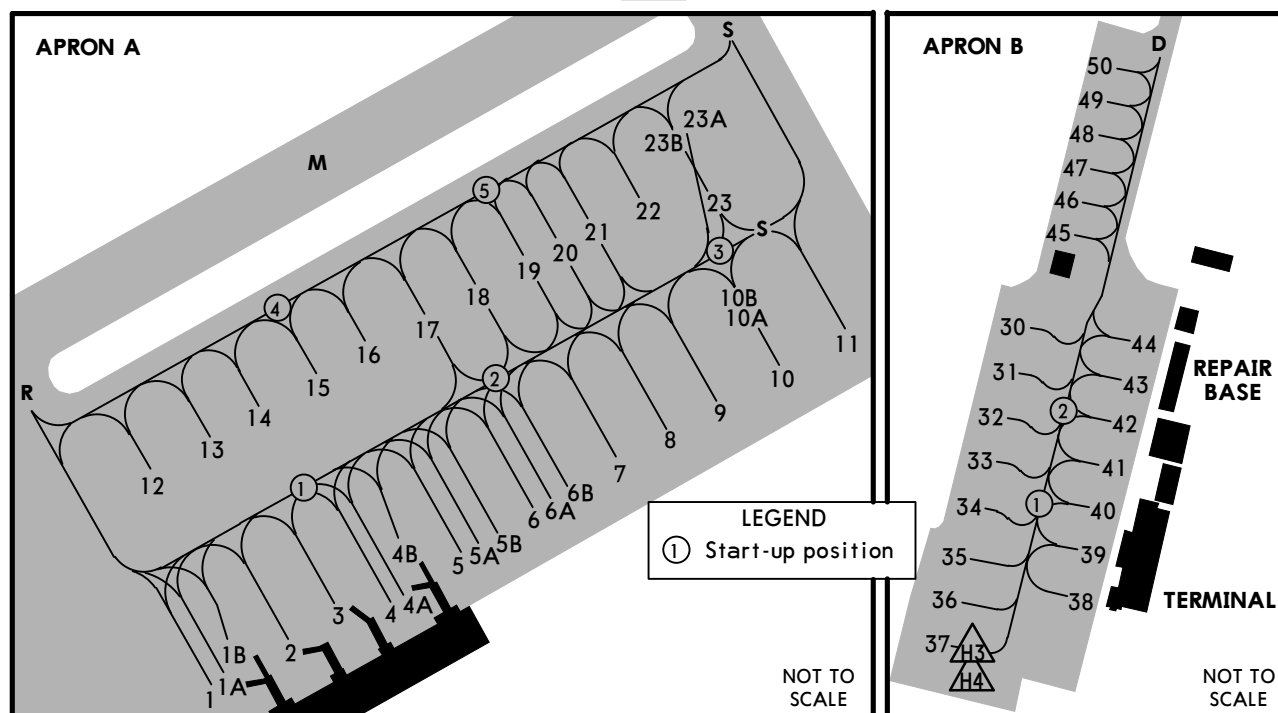
07R	HIRL (60m) CL (15m) HIALS PAPI-L (3.0°)		10,450' 3185m	②	197' 60m
25L	HIRL (60m) CL (15m) HIALS-II PAPI-L (3.0°)		10,511' 3204m		

② TAKE-OFF RUN AVAILABLE RWY 07R:

From rwy head 11,483' (3500m)
twy C int 7874' (2400m)

TAKE-OFF

	Rwy 07R/25L	AIR CARRIER (JAA)	
	LVP must be in force	Rwys 07L/R, 25L/R	
	RL & CL	LVP must be in force	RCLM (DAY only) or RL
A			
B	200m	250m	400m
C			
D	250m	300m	



Exit stands 1 thru 11, 26 and 30 thru 44 by towing.

Enter stands 24 thru 26 by towing.

Stands 22 thru 26, 45 thru 50 and start-up position 1 on apron B are available for de-icing.

LOW VISIBILITY PROCEDURE

Escorting by Follow-me car shall be carried out compulsory:

- when TDZ RVR is less than 550m and/or cloud base is below 197'/60m.
- when there are difficulties in determination of centerline on the Twy or on the apron due to presence of precipitation.
- in any case by a flight crew's requirement.

Escorting by Follow-me car shall be carried out as follows:

- DEPARTURE: from the moment of taxiing out of stand (start-up position) to rwy holding position.
- ARRIVAL: from the moment of vacating ILS critical area on Twy to stand on the apron.

INS COORDINATES

STAND No.	COORDINATES	STAND No.	COORDINATES
1 thru 1B	N43 23.8 E132 09.8	25	N43 23.4 E132 08.4
2 thru 4A	N43 23.8 E132 09.9	26	N43 23.5 E132 08.7
4B	N43 23.9 E132 09.9	30, 31	N43 22.8 E132 08.3
5 thru 6	N43 23.9 E132 10.0	32, 33	N43 22.7 E132 08.3
6A thru 8	N43 23.9 E132 10.1	34, 35	N43 22.7 E132 08.2
9	N43 23.9 E132 10.2	36, 37	N43 22.6 E132 08.2
10 thru 10B	N43 24.0 E132 10.2	38	N43 22.6 E132 08.4
11	N43 24.0 E132 10.3	39 thru 42	N43 22.7 E132 08.4
12, 13	N43 23.9 E132 09.8	43, 44	N43 22.8 E132 08.4
14, 15	N43 23.9 E132 09.9	45	N43 22.9 E132 08.3
16	N43 24.0 E132 09.9	46 thru 50	N43 22.9 E132 08.4
17, 18	N43 24.0 E132 10.0		
19 thru 22	N43 24.0 E132 10.1		
23 thru 23B	N43 24.1 E132 10.2		
24	N43 23.4 E132 08.5		

STRAIGHT-IN RWY		A	B	C	D
07L	2 NDB ①	400'(368') R1500m	400'(368') R1500m	400'(368') R1500m	400'(368') R1500m
	ALS out	R1500m	R1500m	R1700m	R1700m
	NDB ① with FAF ALS out	500'(468') R1500m	500'(468') R1500m	500'(468') R2000m C2200m	500'(468') R2000m C2200m
07R	NDB ① w/o FAF	1350'(1318') C5000m	1350'(1318') C5000m	1350'(1318') C5000m	1350'(1318') C5000m
	ILS	232'(200') R550m	232'(200') R550m	232'(200') R550m	232'(200') R550m
	FULL	R750m	R750m	R750m	R750m
	Limited	R1200m	R1200m	R1200m	R1200m
	ALS out				
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ①	470'(438') R1300m	470'(438') R1300m	470'(438') R1300m	470'(438') R1300m
	ALS out	R1500m	R1500m	R2000m	R2000m
	2 NDB ①	420'(388') R1100m	420'(388') R1100m	420'(388') R1100m	420'(388') R1100m
	ALS out	R1500m	R1500m	R1800m	R1800m
	LS NDB ①	460'(428') R1300m	460'(428') R1300m	460'(428') R1300m	460'(428') R1300m
	with FAF ALS out	R1500m	R1500m	R2000m	R2000m
	L NDB ①	530'(498') R1500m	530'(498') R1500m	530'(498') R1500m	530'(498') R1500m
	with FAF ALS out	R1500m	R1500m	C2300m	C2300m
	LS or L NDB w/o FAF	1350'(1318') C5000m	1350'(1318') C5000m	1350'(1318') C5000m	1350'(1318') C5000m
25L	CAT 2 ILS	144'(100') RA115'R350m	144'(100') RA115'R350m	144'(100') RA115'R350m	144'(100') RA115'R350m
	ILS	244'(200') R550m	244'(200') R550m	244'(200') R550m	244'(200') R550m
	FULL	R750m	R750m	R750m	R750m
	Limited	R1200m	R1200m	R1200m	R1200m
	ALS out				
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ①	450'(406') R1200m	450'(406') R1200m	450'(406') R1200m	450'(406') R1200m
	ALS out	R1500m	R1500m	R1900m	R1900m
	NDB ①	1810'(1766') C5000m	1810'(1766') C5000m	1810'(1766') C5000m	1810'(1766') C5000m
	with FAF				
	NDB	2280'(2236') C5000m	2280'(2236') C5000m	2280'(2236') C5000m	2280'(2236') C5000m
	w/o FAF				

① Continuous Descent Final Approach.

STRAIGHT-IN RWY		A	B	C	D
25R	ILS	232' (200')	232' (200')	232' (200')	232' (200')
		R1000m	R1000m	R1000m	R1000m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ①	660' (628')	660' (628')	660' (628')	660' (628')
		R1500m	R1500m	C2400m	C2400m

① Continuous Descent Final Approach.

TAKE-OFF RWY 07L/R, 25L/R

LVP must be in Force				
	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A				
B	150m	200m	250m	
C				400m
D	200m	250m	300m	500m

BRIEFING STRIP™

15

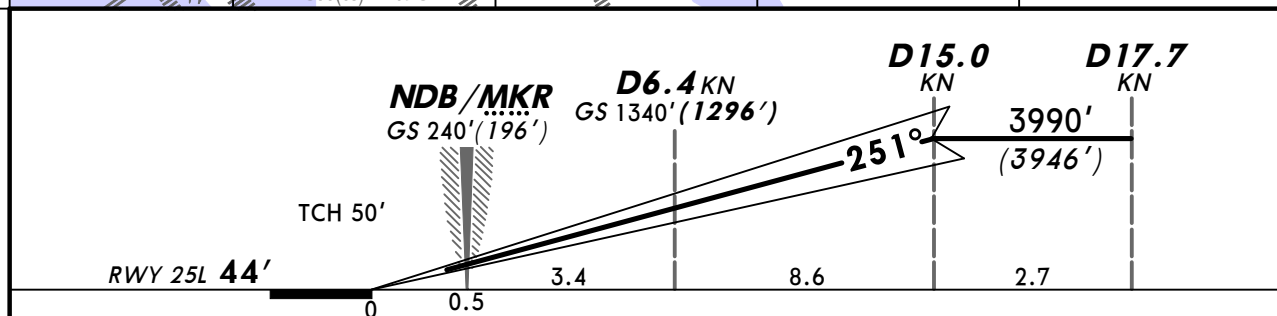
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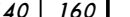
PANS OPS

BRIFFING STRIP™

MSA KN VOR

ALT/HEIGHT CONVERSION



<i>Gnd speed-Kts</i>	70	90	100	120	140	160				
<i>ILS GS</i> 3.00°	372	478	531	637	743	849				

STRAIGHT-IN LANDING RWY 25L

CAT II ILS

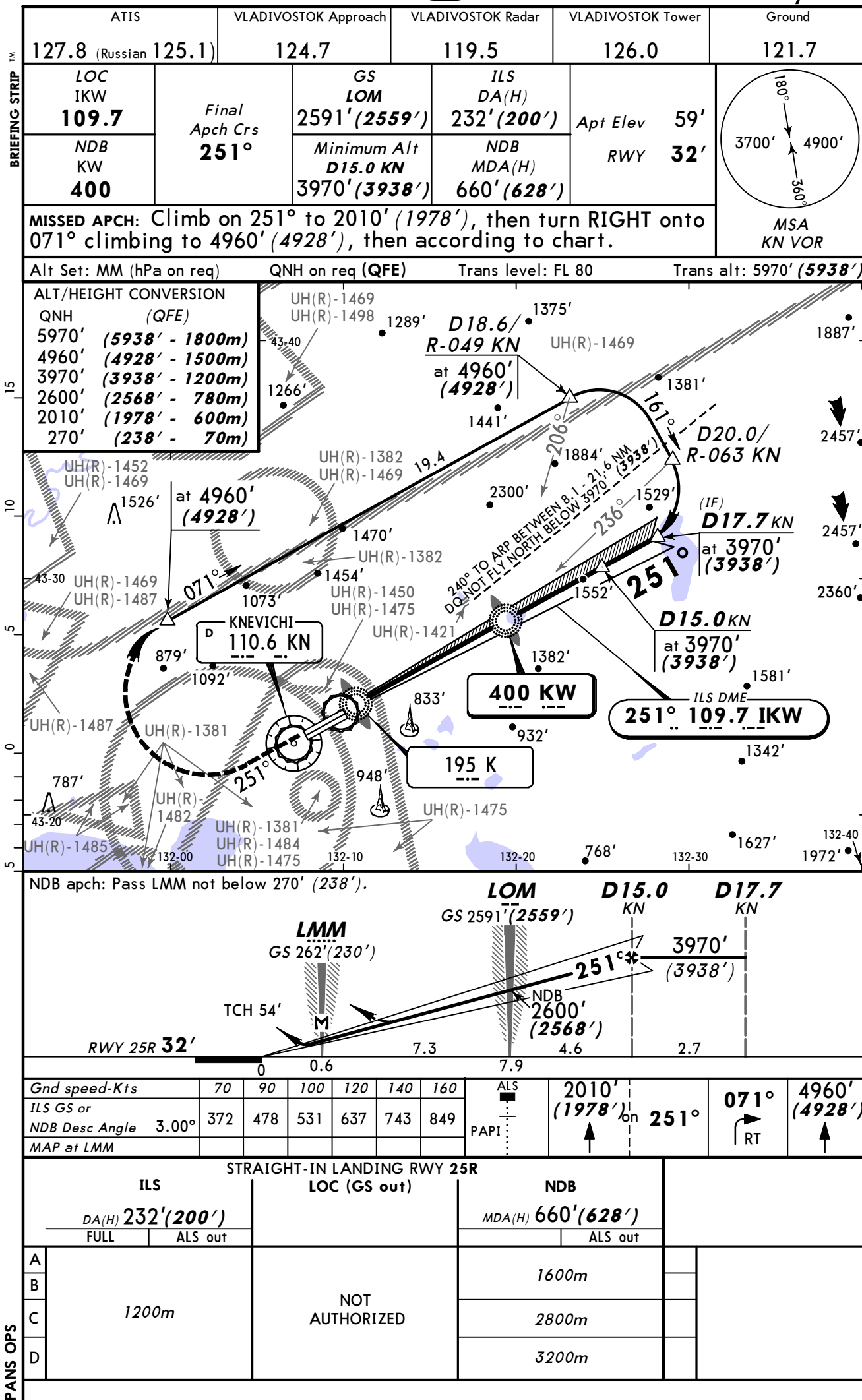
RA 115'

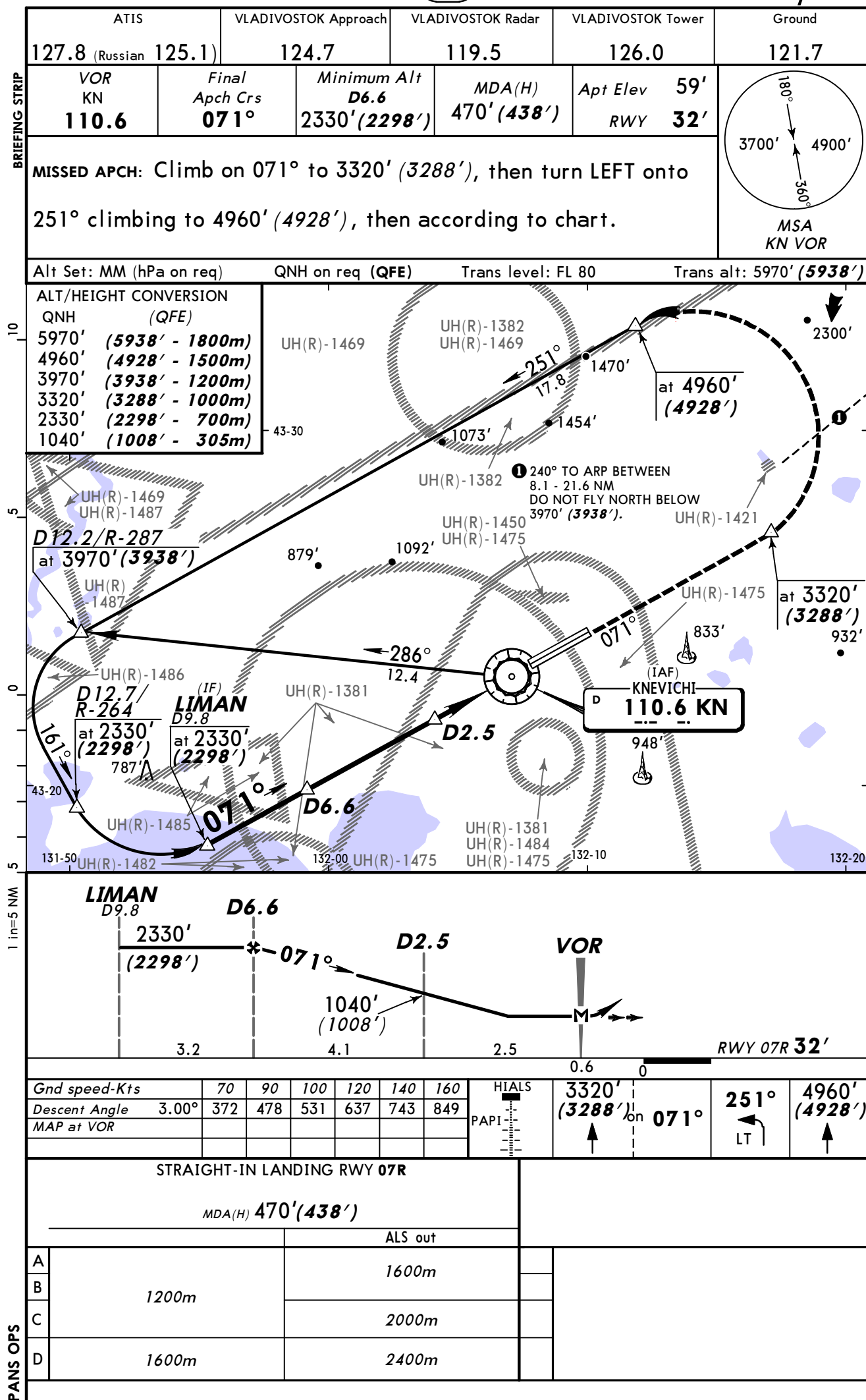
 $DA(H) \mathbf{144'} (100')$ RVR **350m**

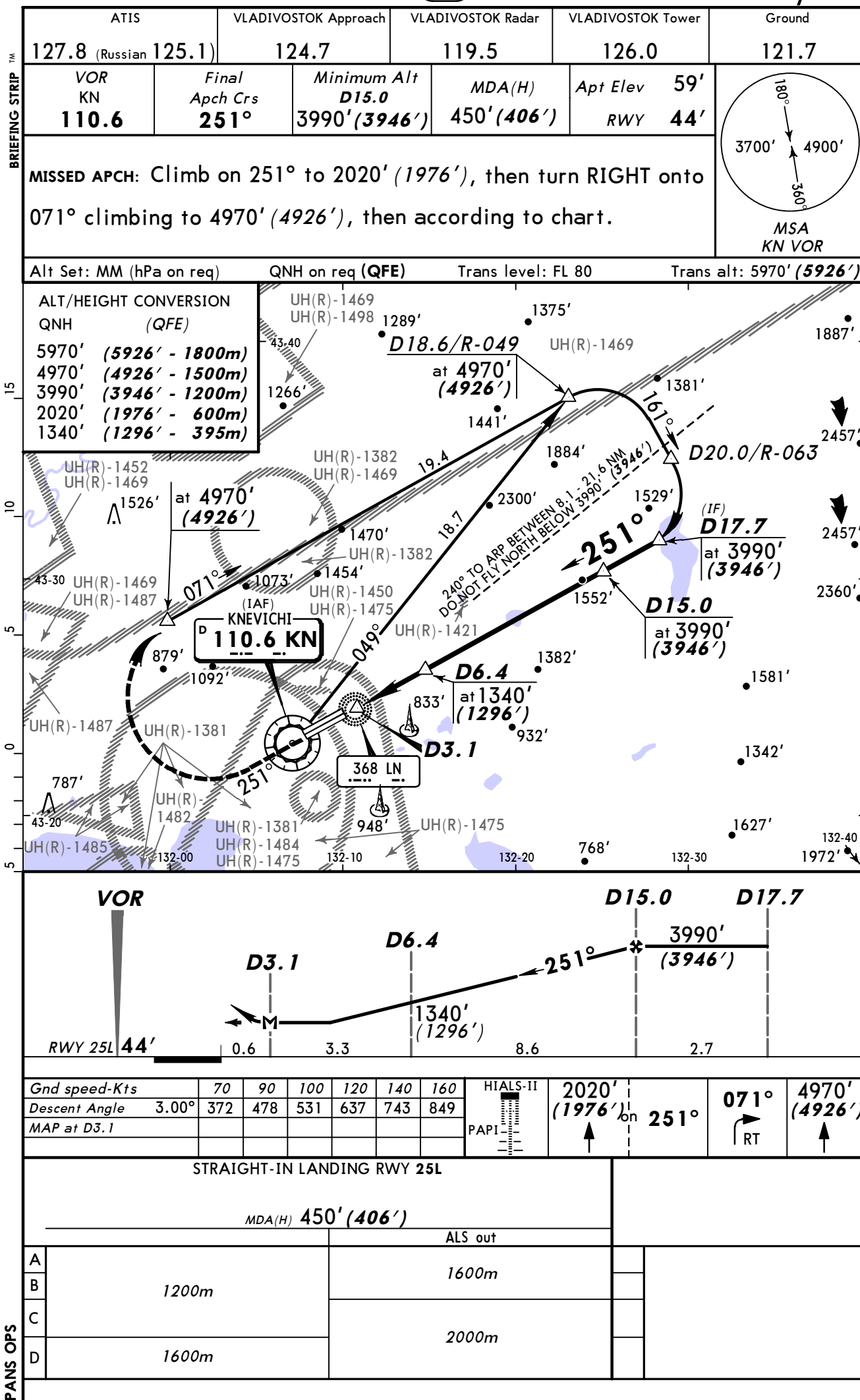
PANS OPS

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4 MAY 12 (11-3)

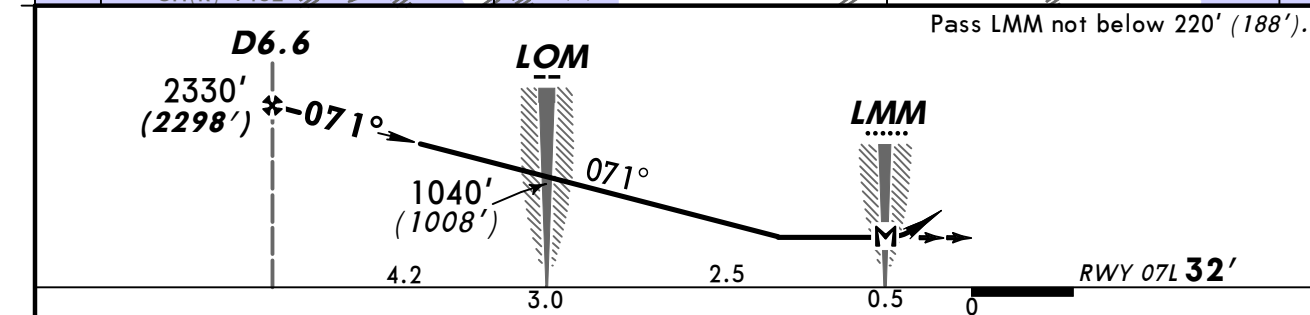
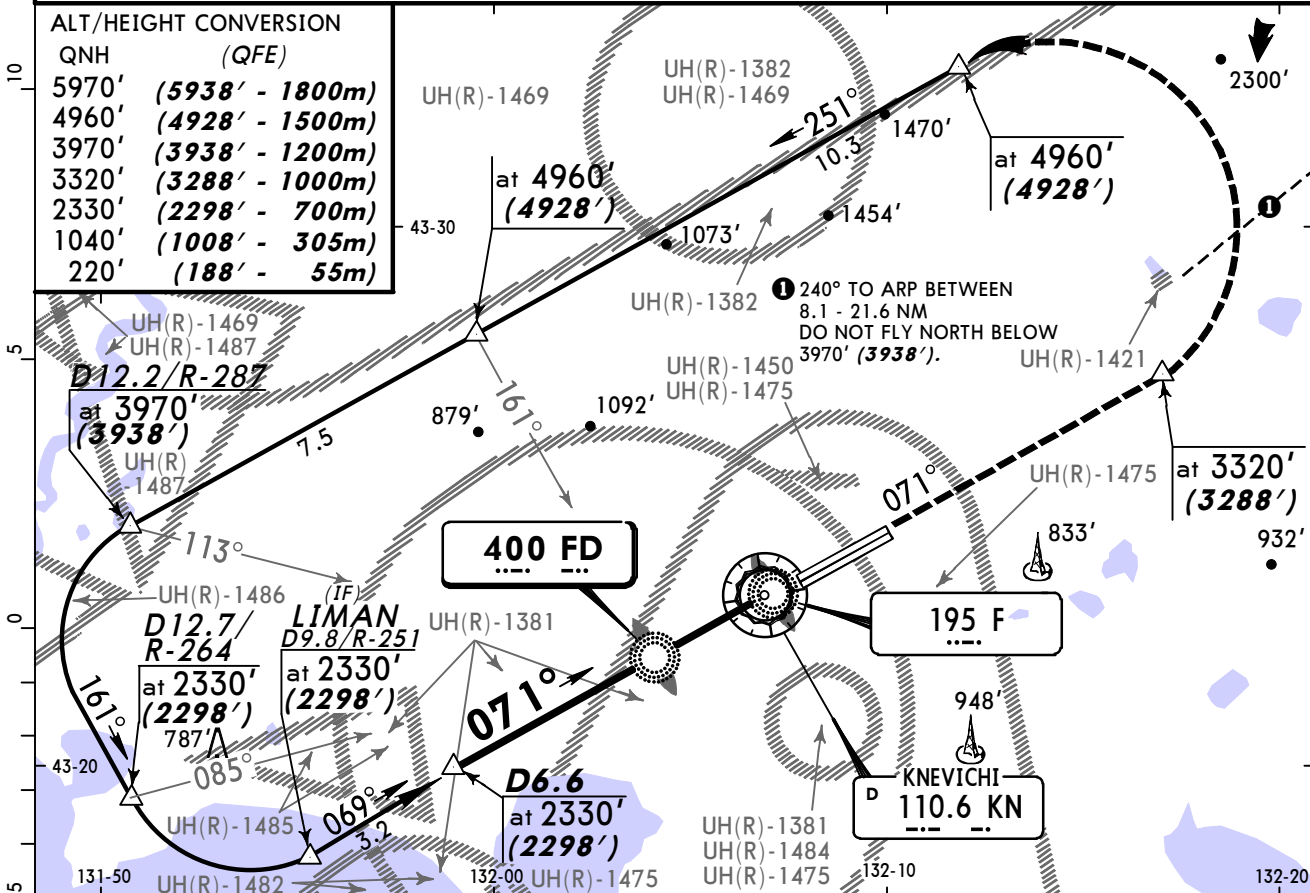






ATIS	VLADIVOSTOK Approach	VLADIVOSTOK Radar	VLADIVOSTOK Tower	Ground
127.8 (Russian 125.1)	124.7	119.5	126.0	121.7
NDB FD 400	Final Apch Crs 071°	Minimum Alt D6.6 2330' (2298')	2 NDB MDA(H) 400' (368')	Apt Elev 59' RWY 32'
MISSED APCH: Climb on 071° to 3320' (3288'), then turn LEFT onto 251° climbing to 4960' (4928'), then according to chart.				

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 80 Trans alt: 5970' (5938')



Gnd speed-Kts	70	90	100	120	140	160	ALS	3320' (3288')	on 071°	251°	4960' (4928')
Descent Angle	3.00°	372	478	531	637	743	849				
MAP at LMM											

STRAIGHT-IN LANDING RWY 07L			
2 NDB	FD NDB		
MDA(H) 400' (368')	with FAF MDA(H) 500' (468')	w/o FAF MDA(H) 1350' (1318')	
ALS out	ALS out	ALS out	
A		2000m	
B	1600m	2400m	
C	2000m	4800m	
D	2000m	2400m	

VLADIVOSTOK, (KNEVICH I - UHWW)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UHWW