

List of pages in this Trip Kit

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Airport Information For UHWW

Terminal Charts For UHWW

Revision Letter For Cycle 17-2013

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: 10.2°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: 2028 Z
Sunset: 0959 Z,

Runway Information

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

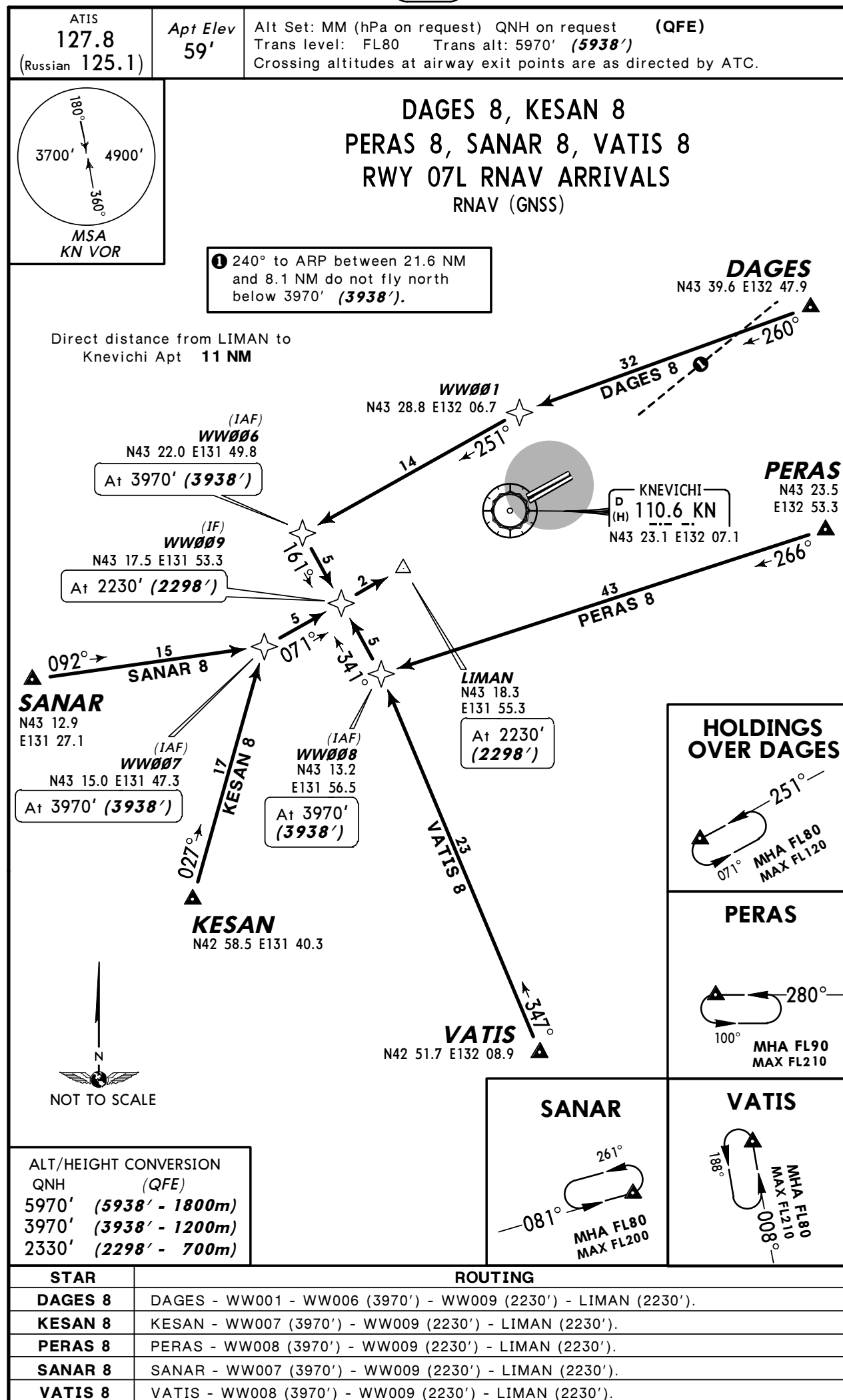
Runway: 07R
Length x Width: 11483 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 32 ft
Lighting: Edge, ALS, Centerline

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

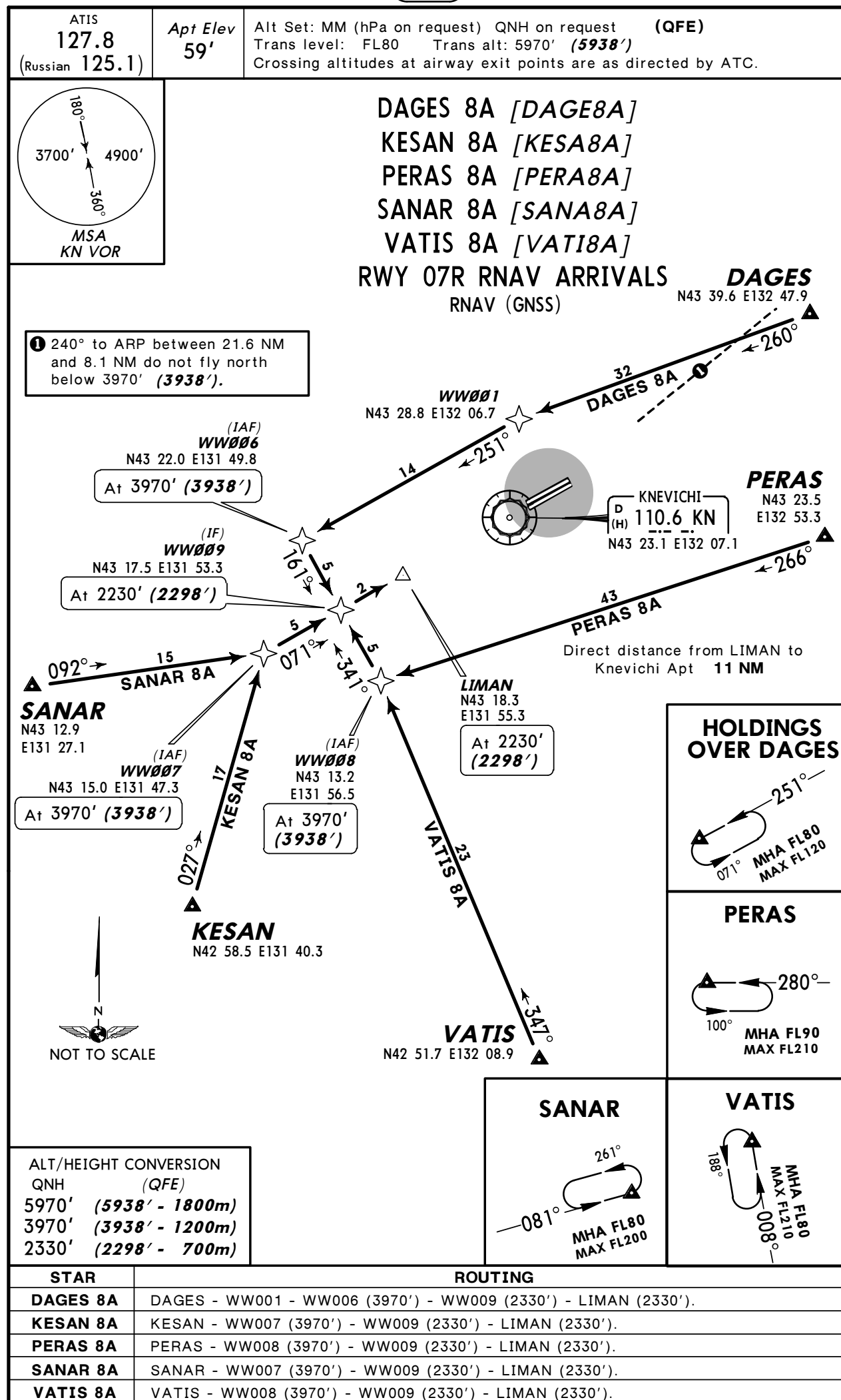
Runway: 25R
Length x Width: 11483 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 32 ft
Lighting: Edge

Communication Information

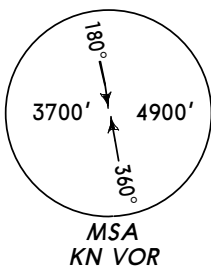
ATIS 127.8
ATIS 125.1 Non-English
Vladivostok Tower 126.0
Vladivostok Tower 124.0 Secondary
Vladivostok Ground Control 124.0 Secondary
Vladivostok Ground Control 121.7
Vladivostok Service Ramp/Taxi Control 118.3
Vladivostok Approach Control 124.7
Vladivostok Approach Control 124.0 Secondary
Vladivostok Radar 124.0 Secondary
Vladivostok Radar 119.5
Vladivostok-Transit Operations 131.8 Non-English



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5970'	(5938' - 1800m)
3970'	(3938' - 1200m)
2330'	(2298' - 700m)



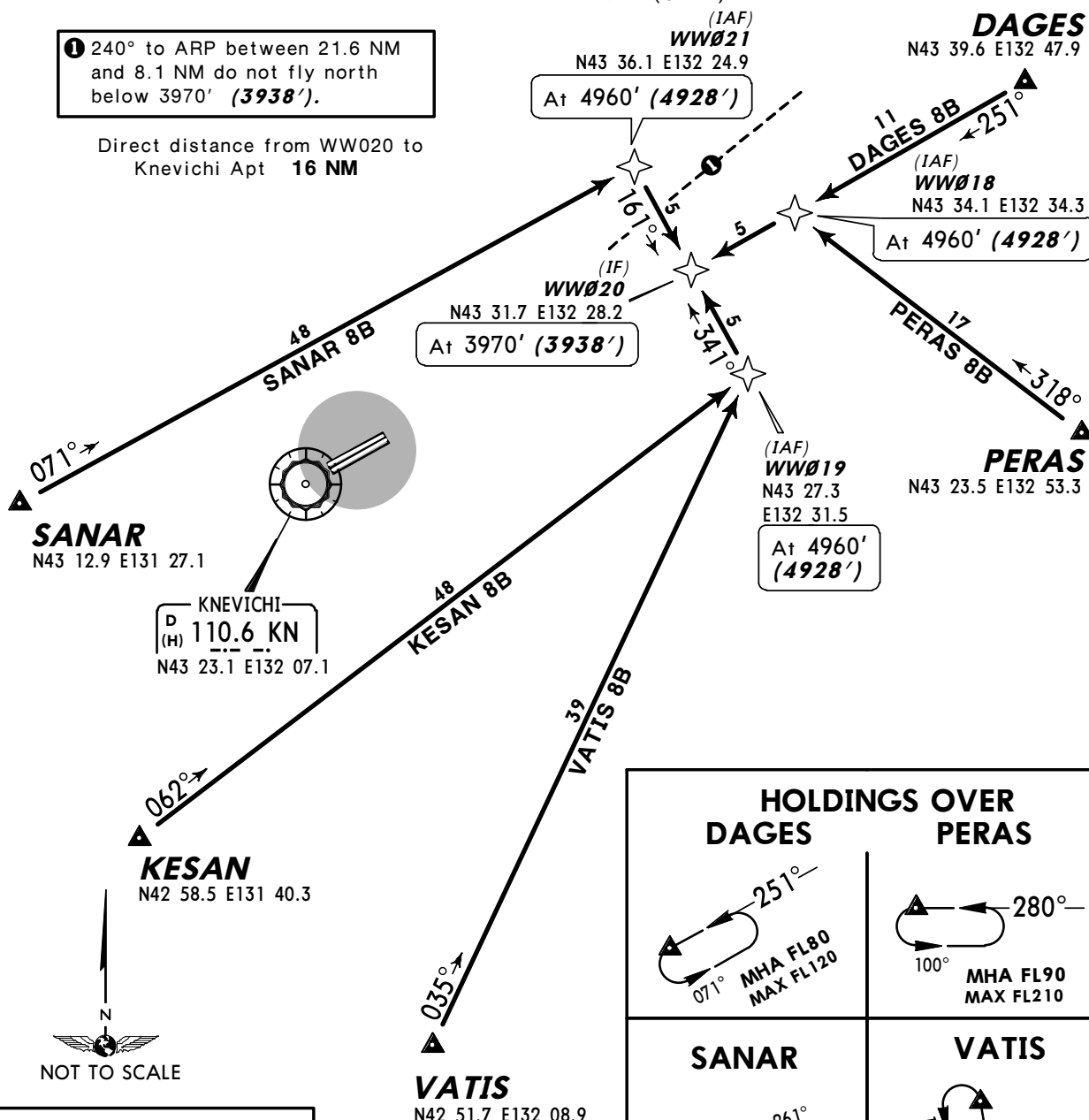
ATIS 127.8 (Russian 125.1)	Apt Elev 59'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL80 Trans alt: 5970' (5938') Crossing altitudes at airway exit points are as directed by ATC.
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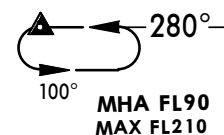
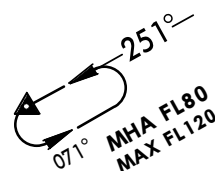
DAGES 8B [DAGE8B]
KESAN 8B [KESA8B]
PERAS 8B [PERA8B]
SANAR 8B [SANA8B]
VATIS 8B [VATI8B]
RWY 25R RNAV ARRIVALS
RNAV (GNSS)

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

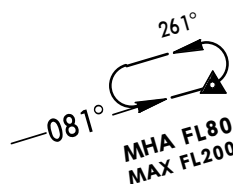
Direct distance from WW020 to Knevichi Apt **16 NM**



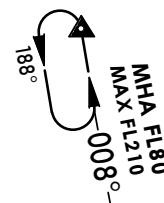
HOLDINGS OVER DAGES PERAS



SANAR

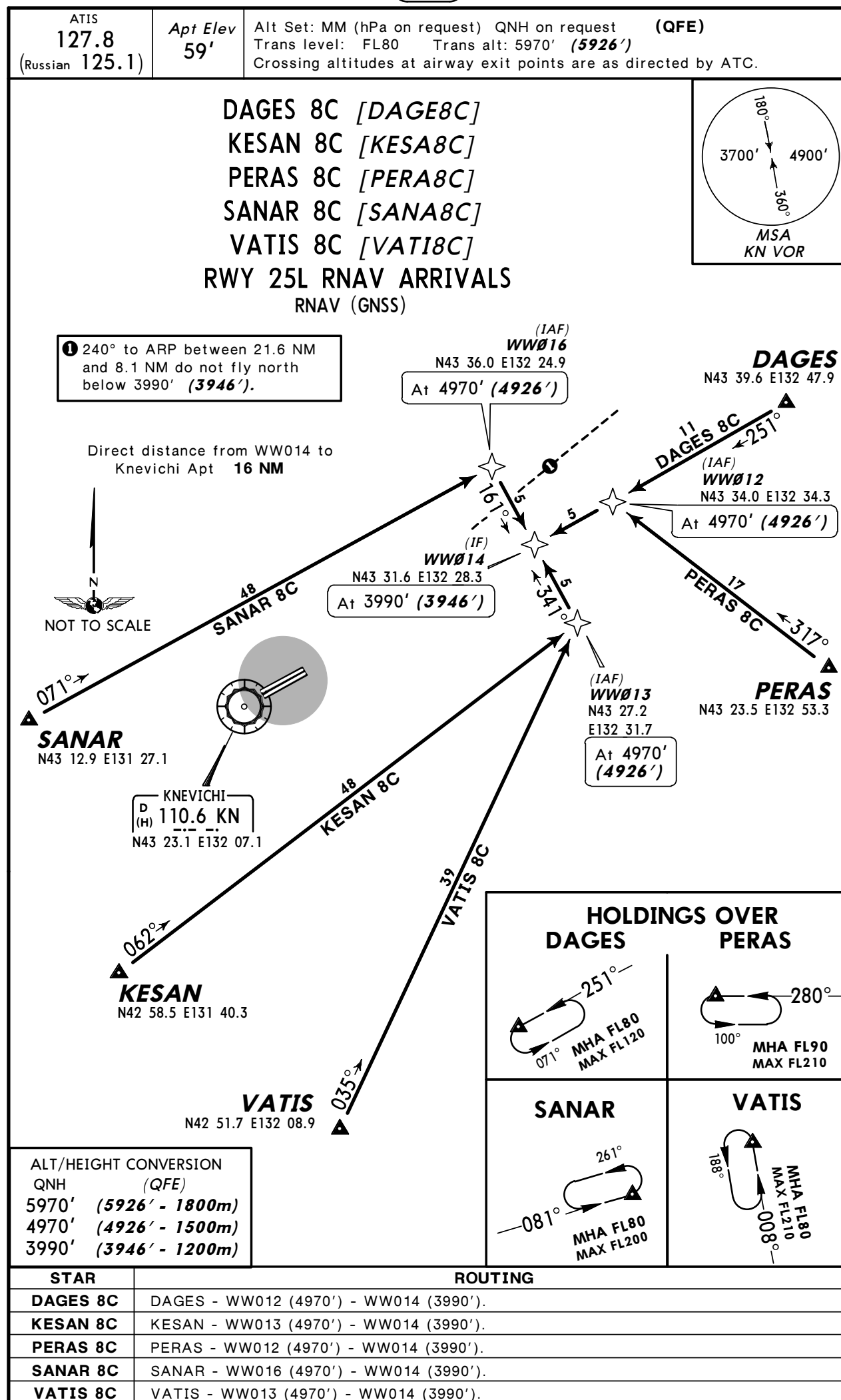


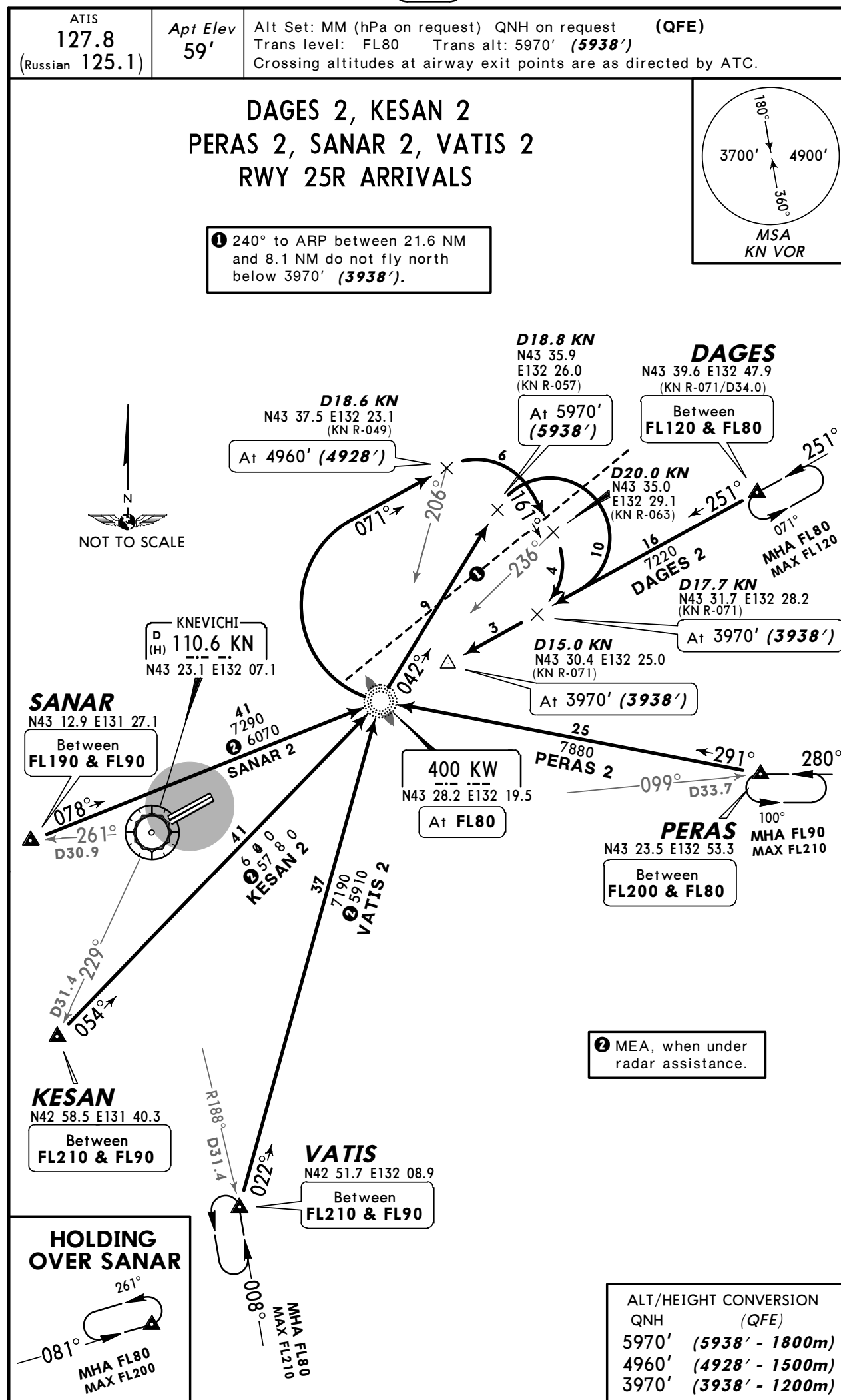
VATIS

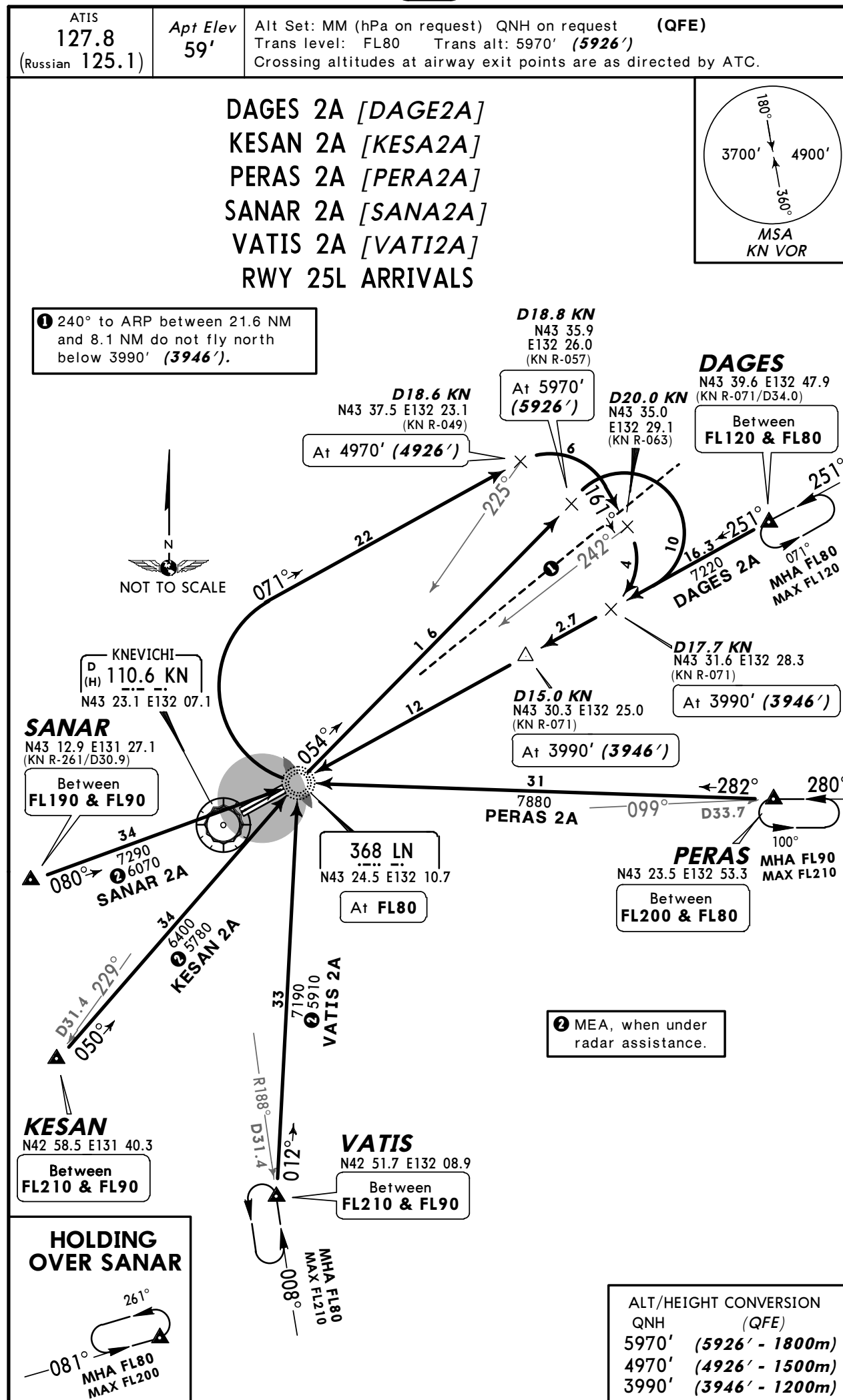


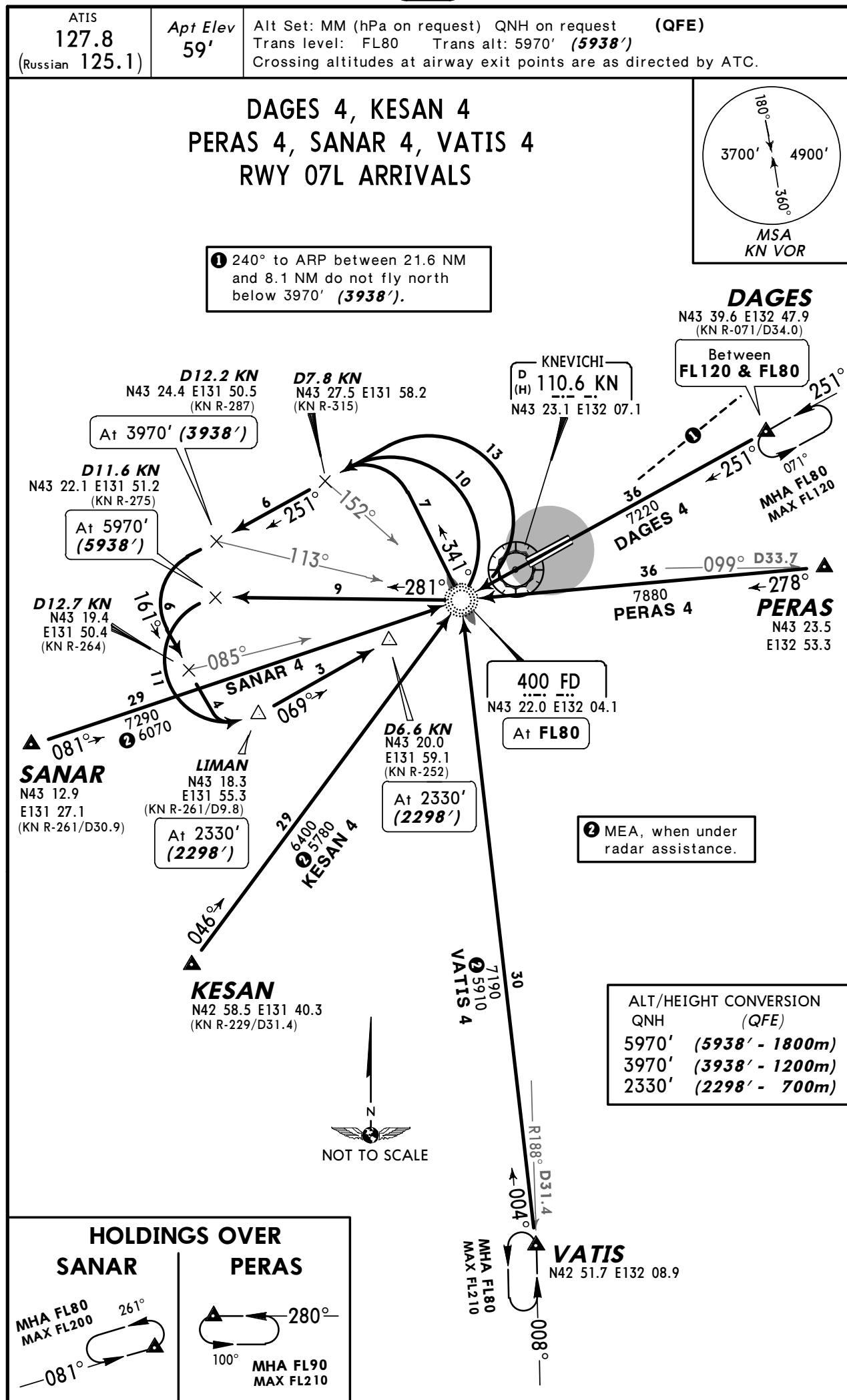
ALT/HEIGHT CONVERSION	
QNH	(QFE)
5970'	(5938' - 1800m)
4960'	(4928' - 1500m)
3970'	(3938' - 1200m)

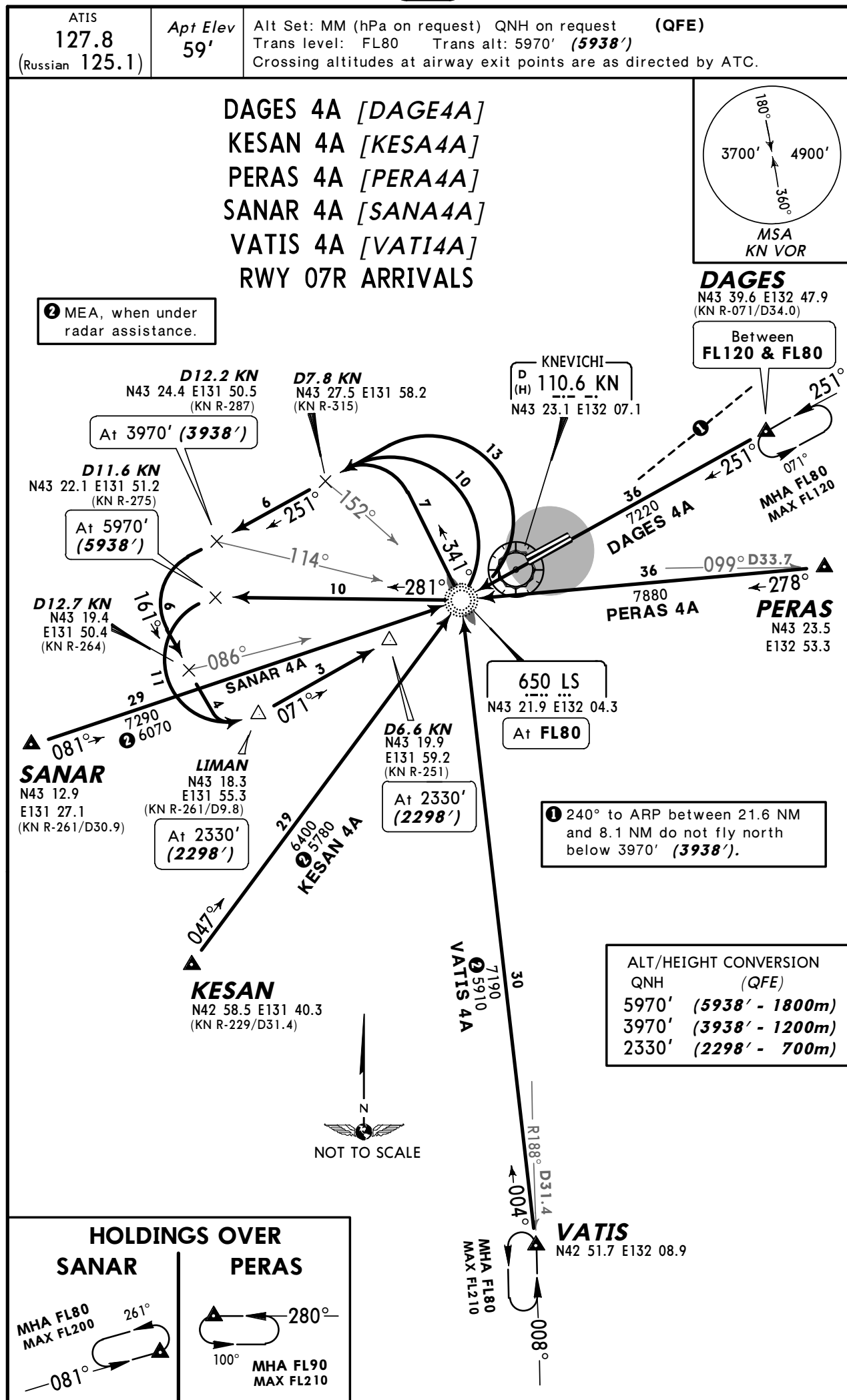
STAR	ROUTING
DAGES 8B	DAGES - WW018 (4960') - WW020 (3970').
KESAN 8B	KESAN - WW019 (4960') - WW020 (3970').
PERAS 8B	PERAS - WW018 (4960') - WW020 (3970').
SANAR 8B	SANAR - WW021 (4960') - WW020 (3970').
VATIS 8B	VATIS - WW019 (4960') - WW020 (3970').

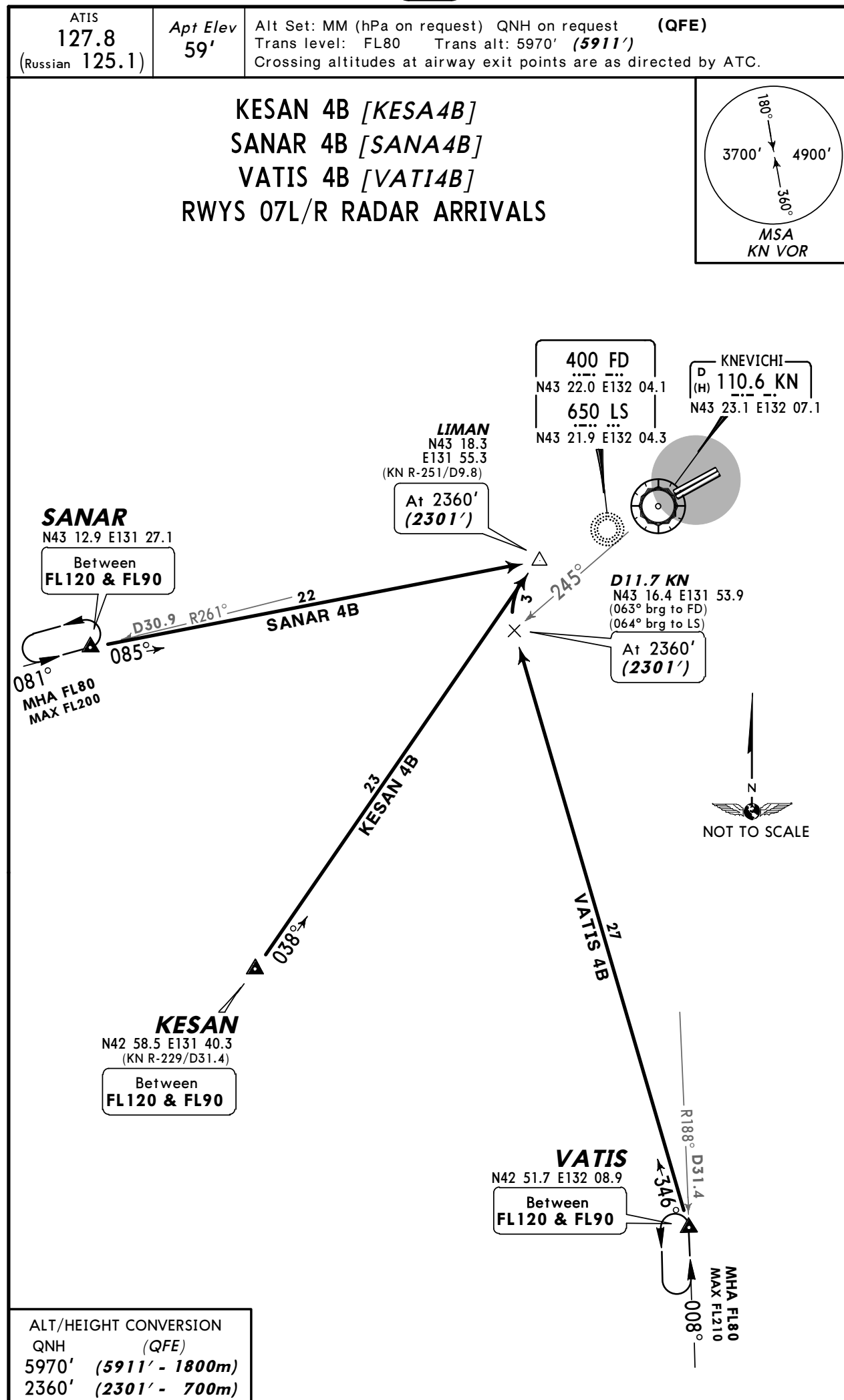


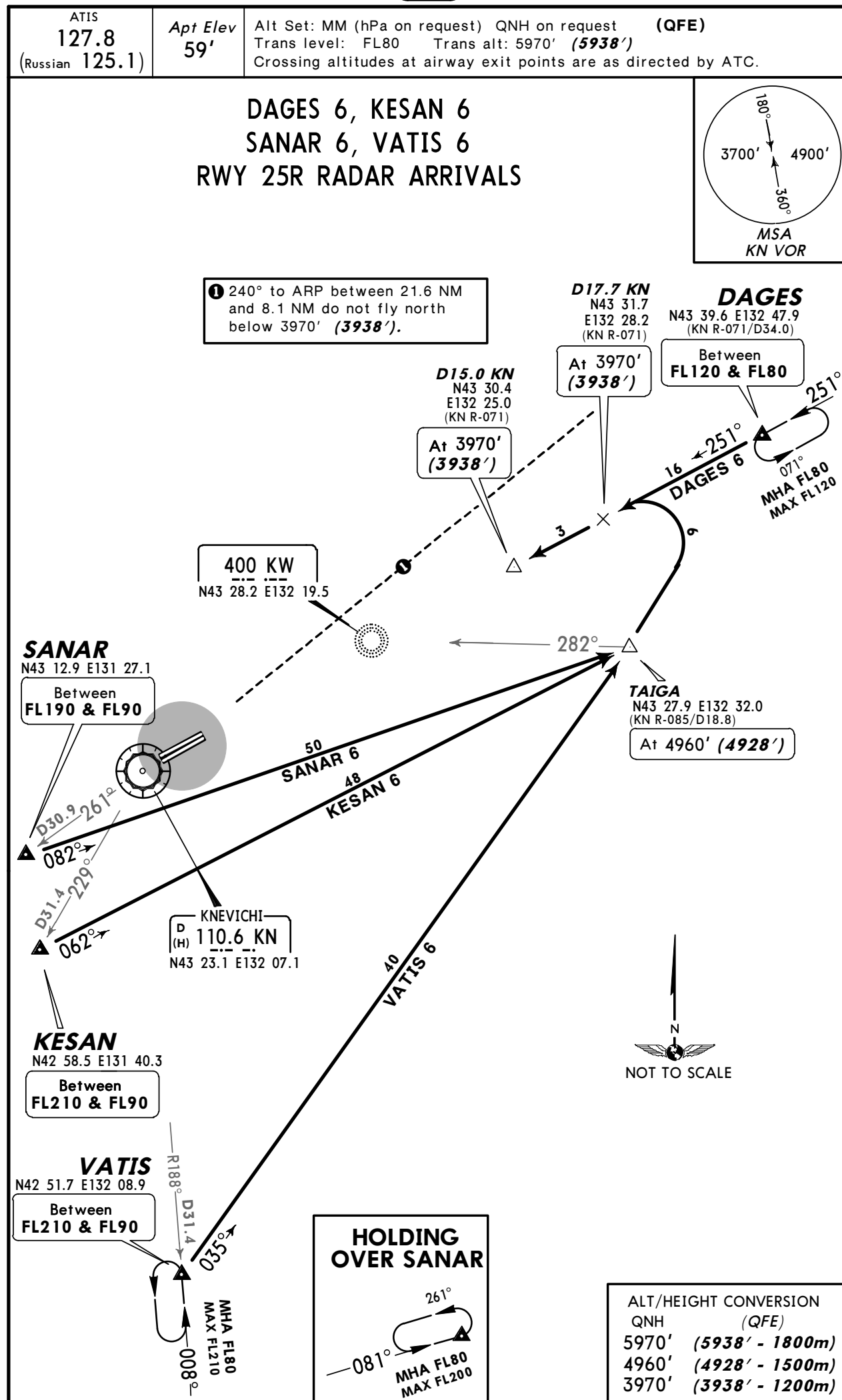


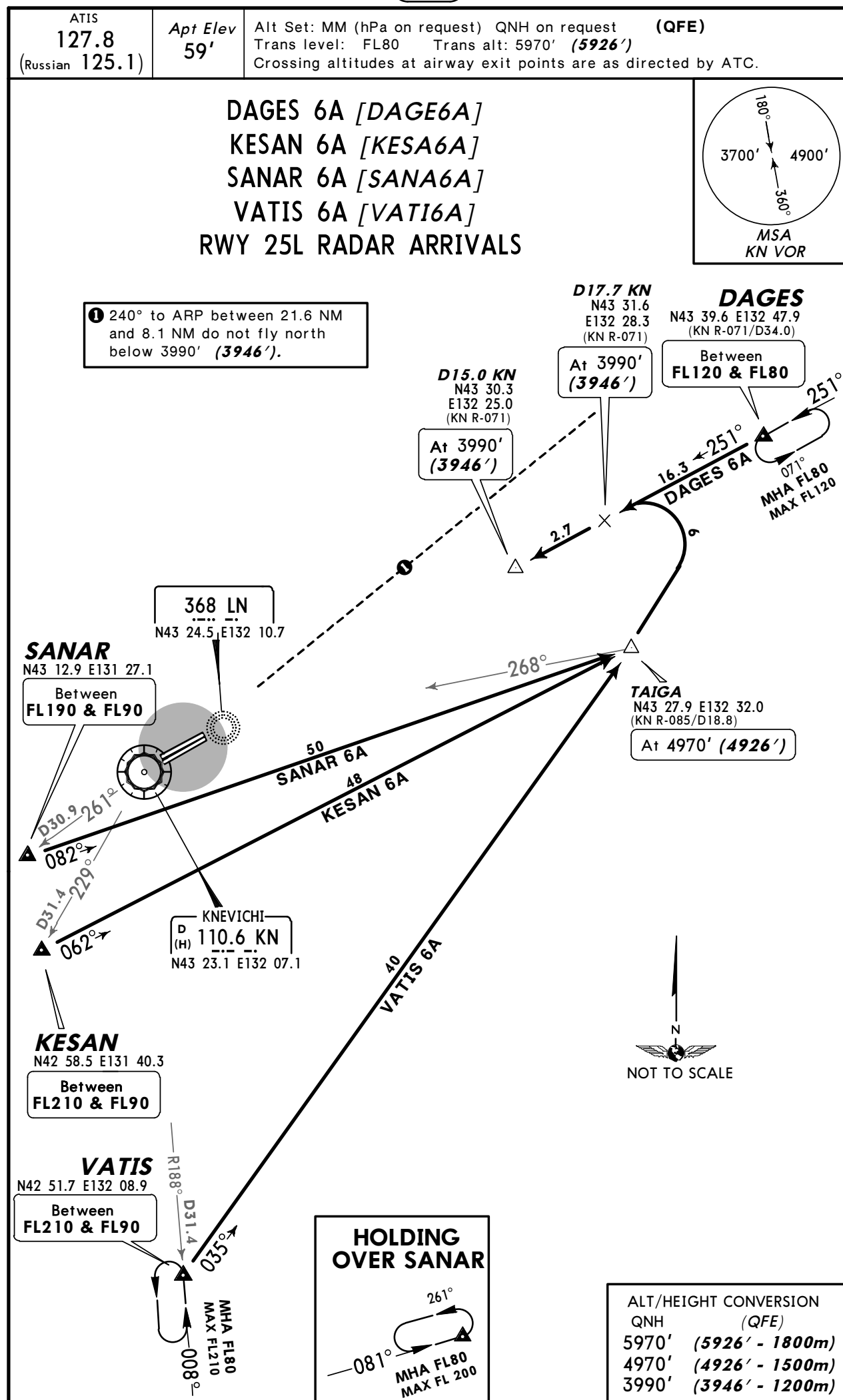










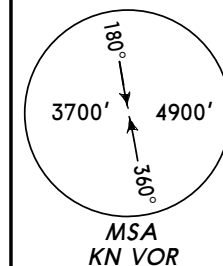


ATIS
127.8
(Russian 125.1)

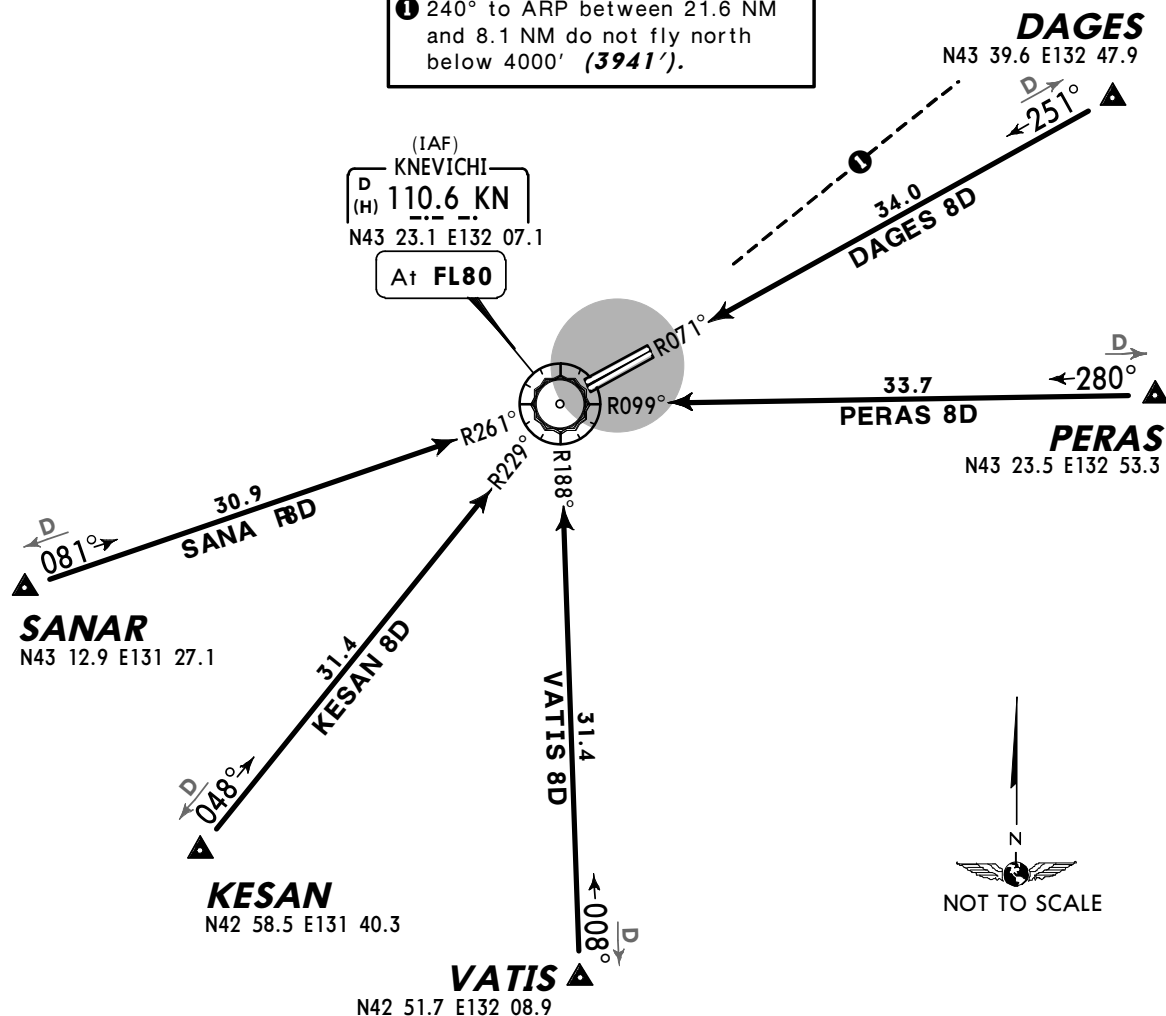
Apt Elev
59'

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

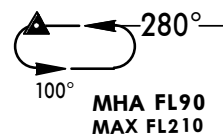
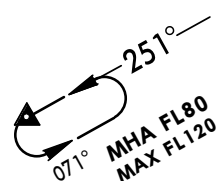
DAGES 8D [DAGE8D]
KESAN 8D [KESA8D]
PERAS 8D [PERA8D]
SANAR 8D [SANA8D]
VATIS 8D [VATI8D]
RWYS 07L/R, 25L/R ARRIVALS



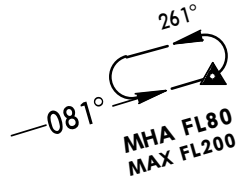
① 240° to ARP between 21.6 NM and 8.1 NM do not fly north below 4000' (3941').



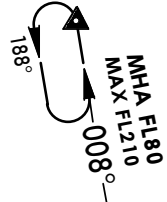
HOLDINGS OVER DAGES PERAS



SANAR



VATIS



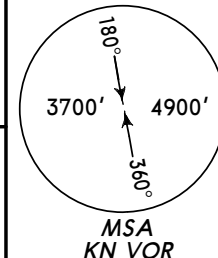
ALT/HEIGHT CONVERSION
QNH (QFE)
5170' (5911' - 1800m)
4000' (3941' - 1200m)

Apt Elev
59'

QNH on request (QFE)

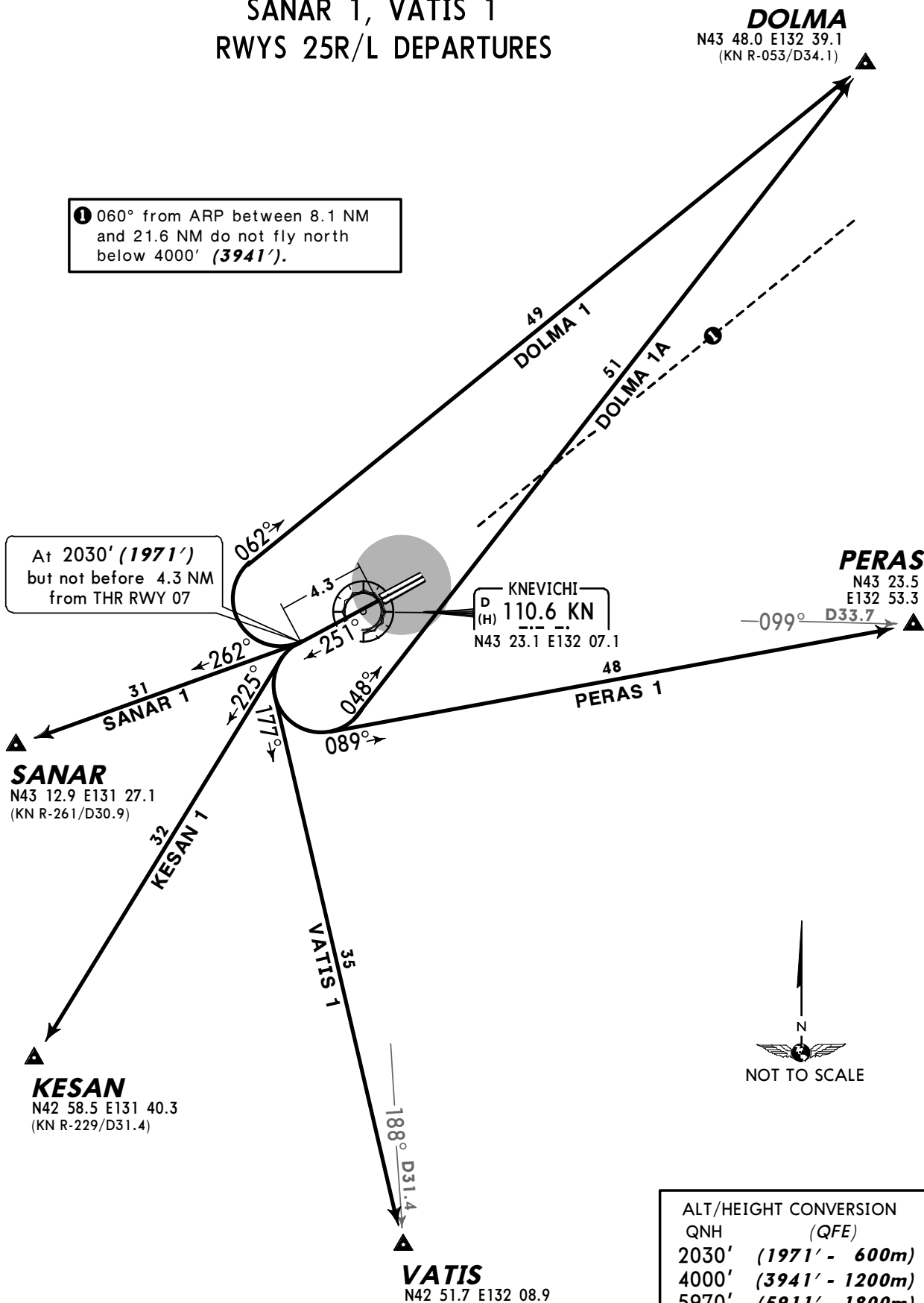
Trans level: FL80 Trans alt: 5970' (5911')

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



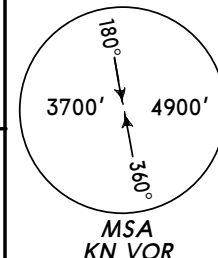
DOLMA 1
DOLMA 1A [DOLM1A]
KESAN 1, PERAS 1
SANAR 1, VATIS 1
RWYS 25R/L DEPARTURES

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



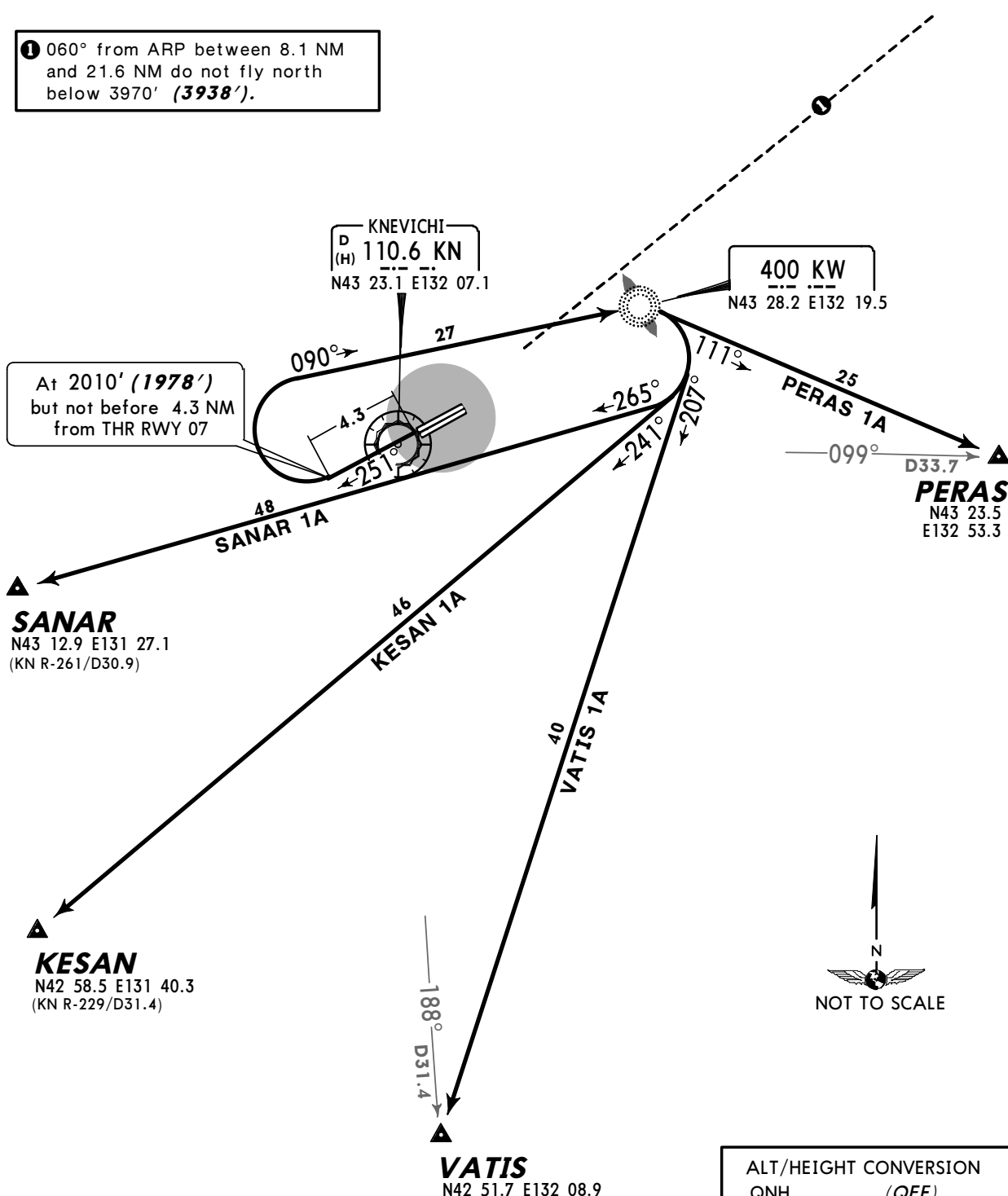
Apt Elev
59'

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

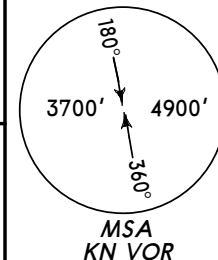
① 060° from ARP between 8.1 NM
and 21.6 NM do not fly north
below 3970' (3938').



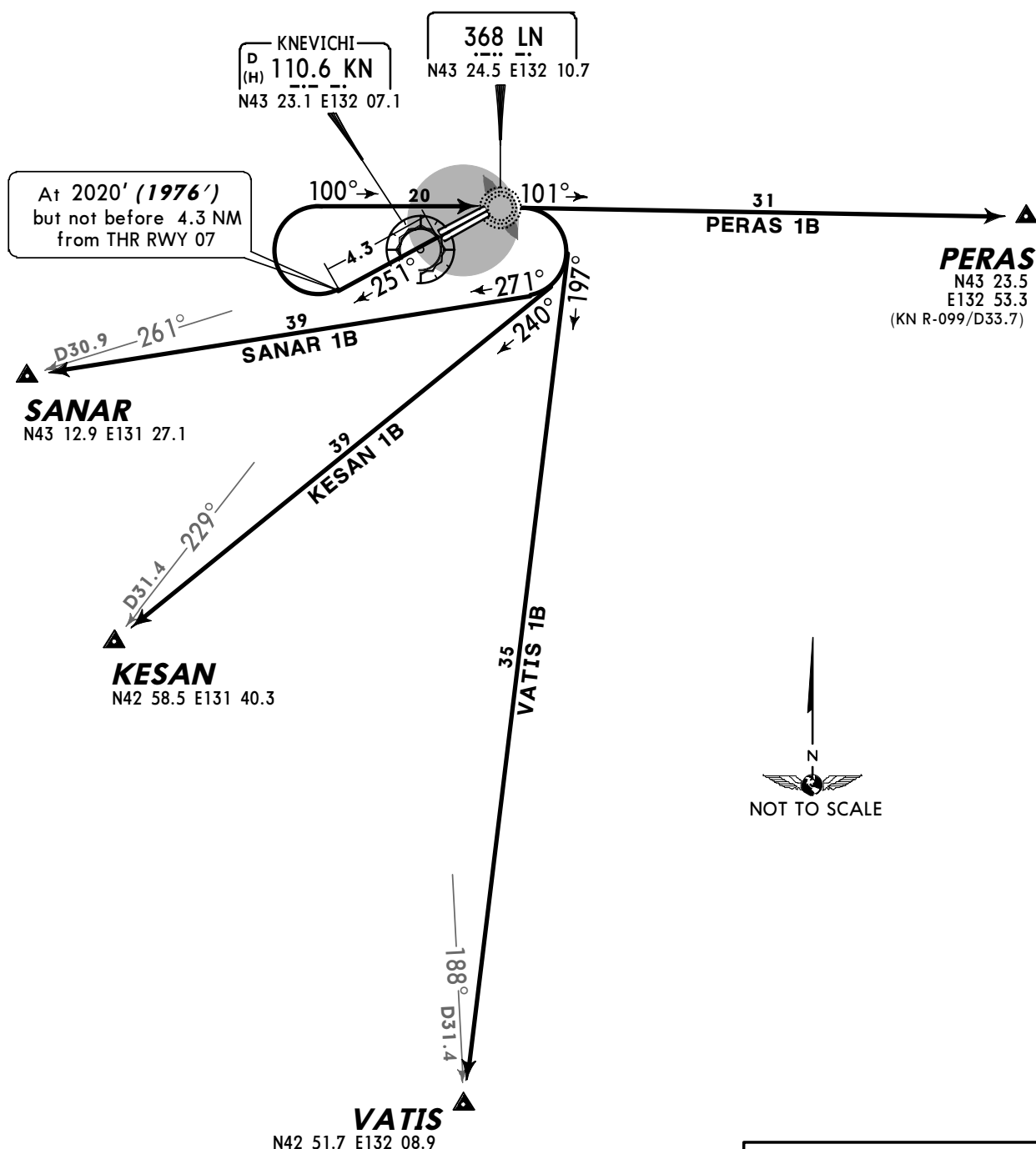
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2010'	(1978' - 600m)
3970'	(3938' - 1200m)
5970'	(5938' - 1800m)

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



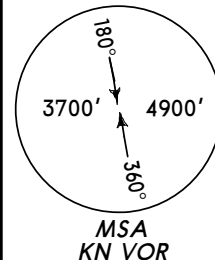
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2020'	(1976' - 600m)
5970'	(5926' - 1800m)

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)

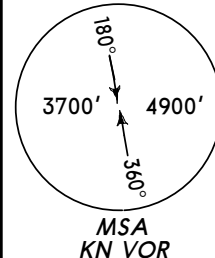
PERAS
N43 23.5 E132 53.3
(KN R-099/D33.7)

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

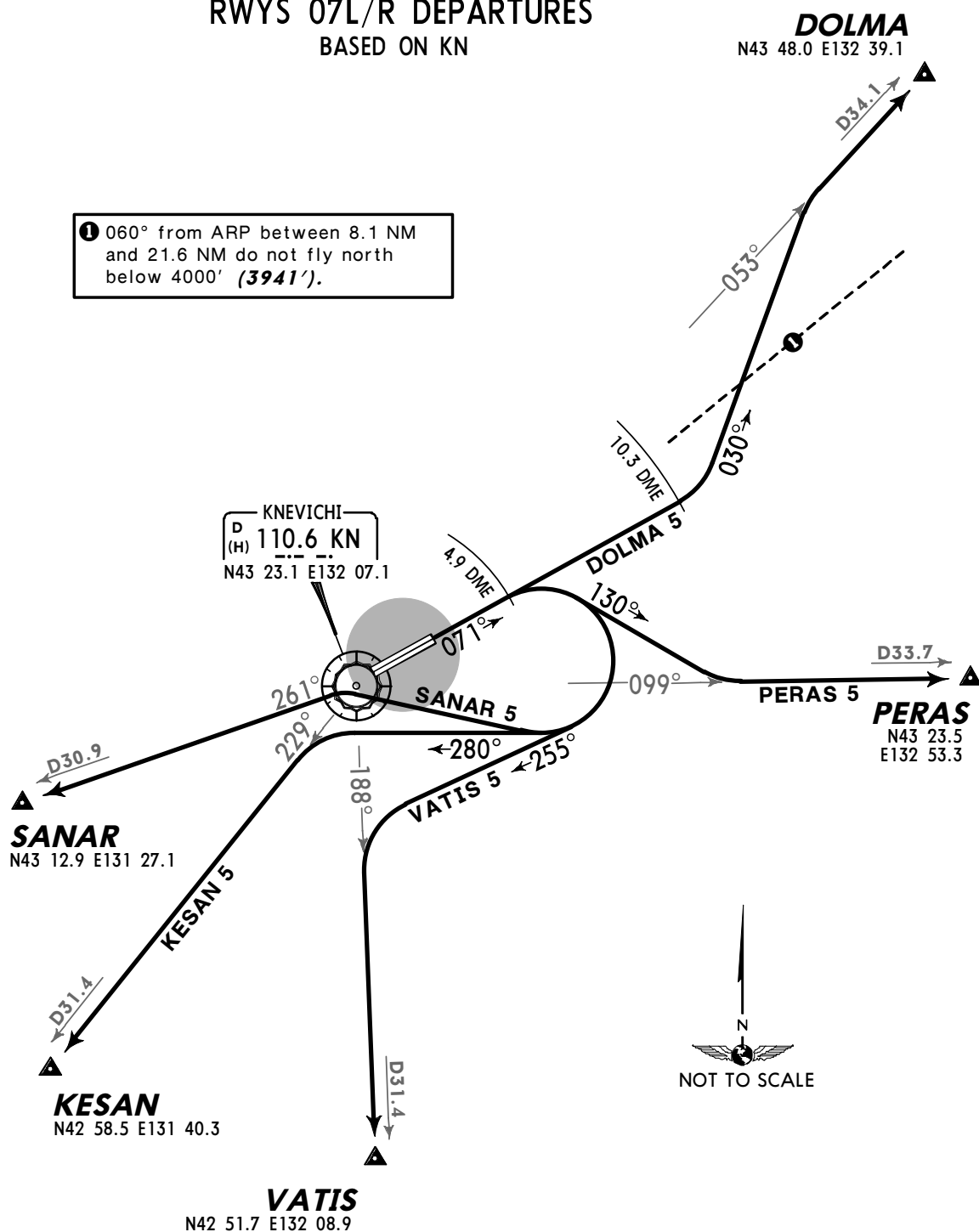
PERAS 5

SANAR 5

VATIS 5

RWYS 07L/R DEPARTURES
BASED ON KN

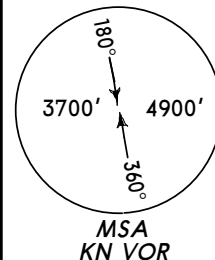
① 060° from ARP between 8.1 NM and 21.6 NM do not fly north below 4000' (3941').



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

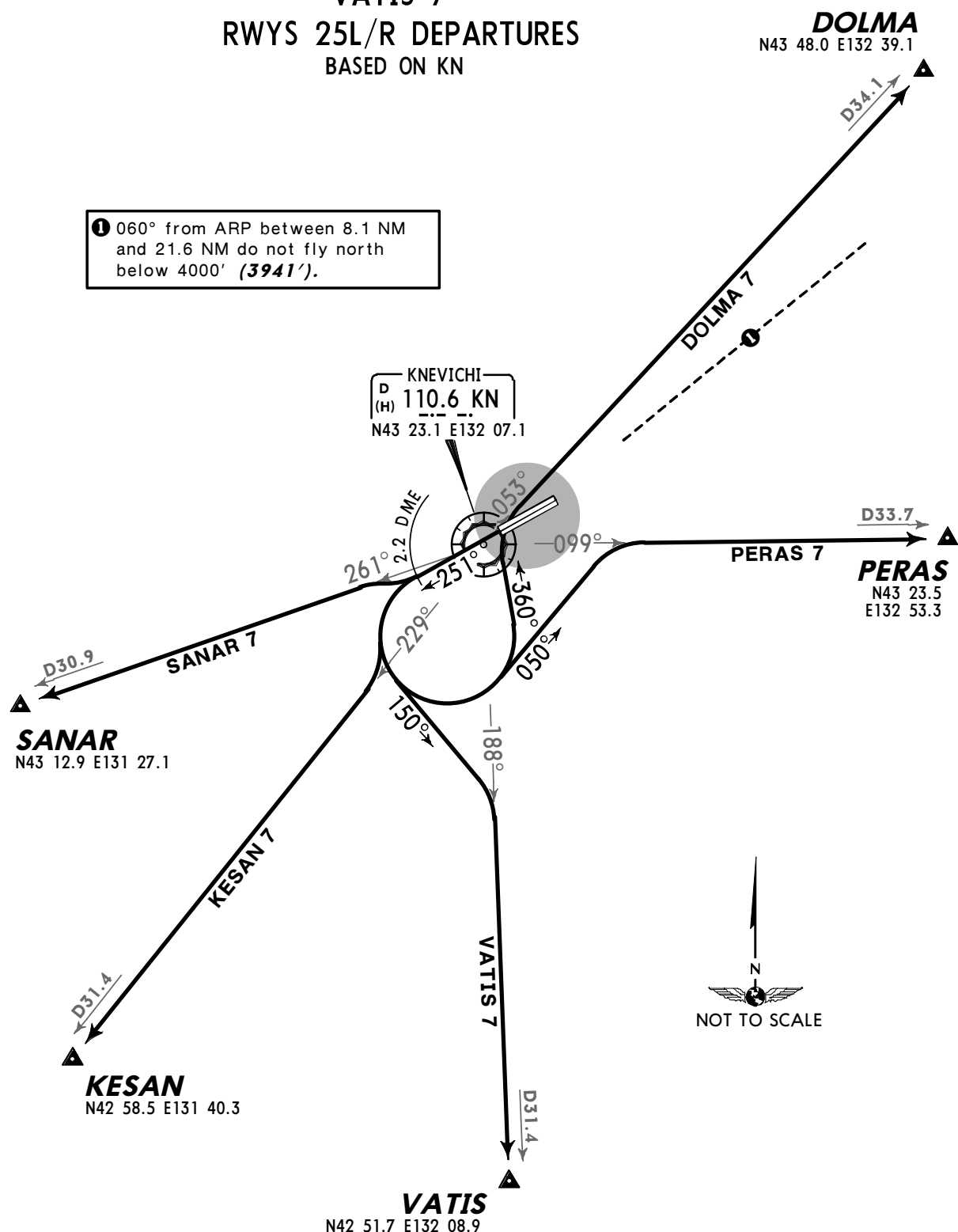
Apt Elev
59'

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

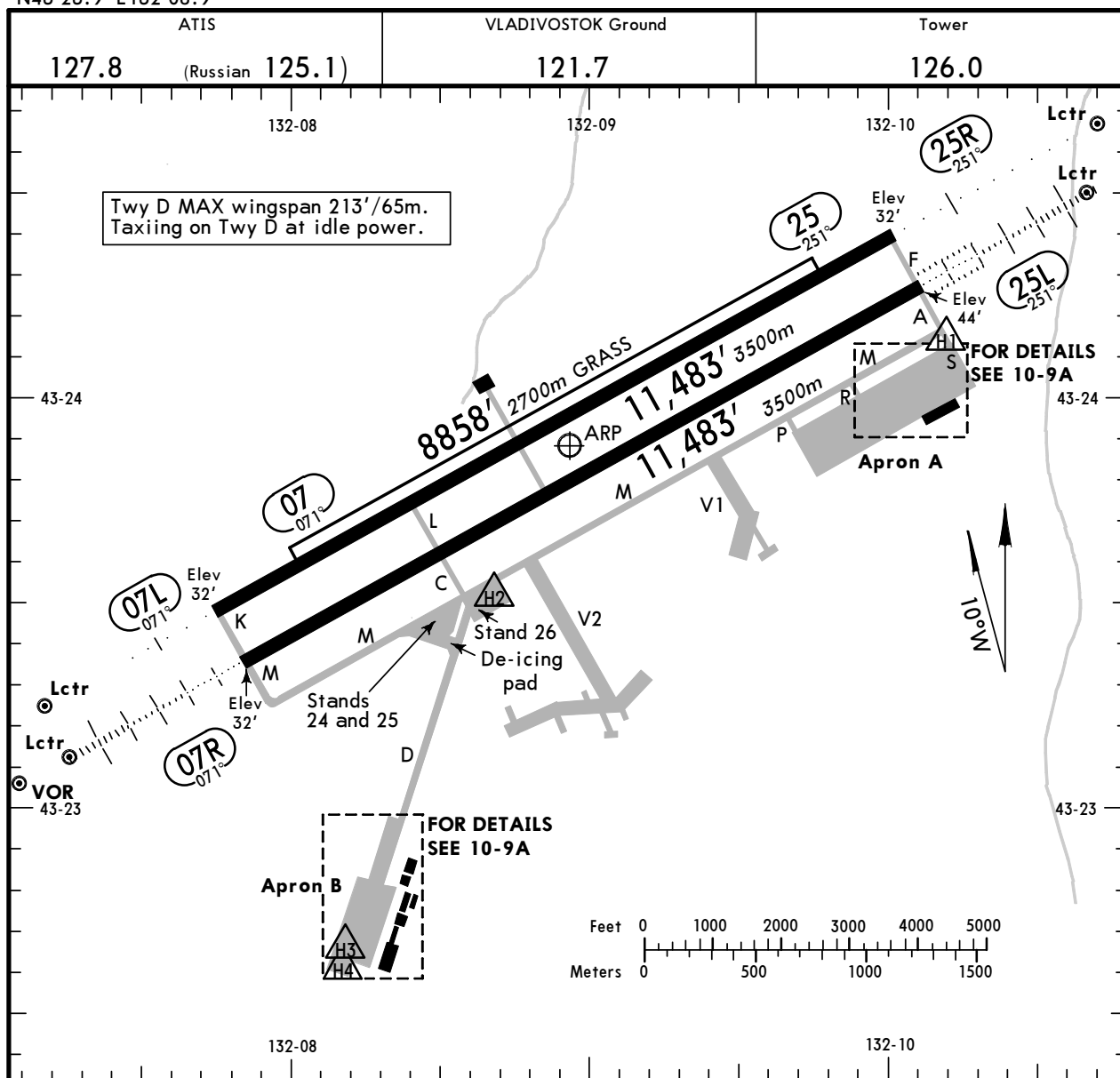


DOLMA 7
KESAN 7
PERAS 7
SANAR 7
VATIS 7
RWYS 25L/R DEPARTURES
BASED ON KN

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 Glide Slope	Take-off	
07					197'
25					60m
07L	RL (60m) ALS			①	197'
25R	RL (60m) ALS PAPI-L (3.0°)		10,572' 3222m		60m

① TAKE-OFF RUN AVAILABLE
RWY 07L:

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

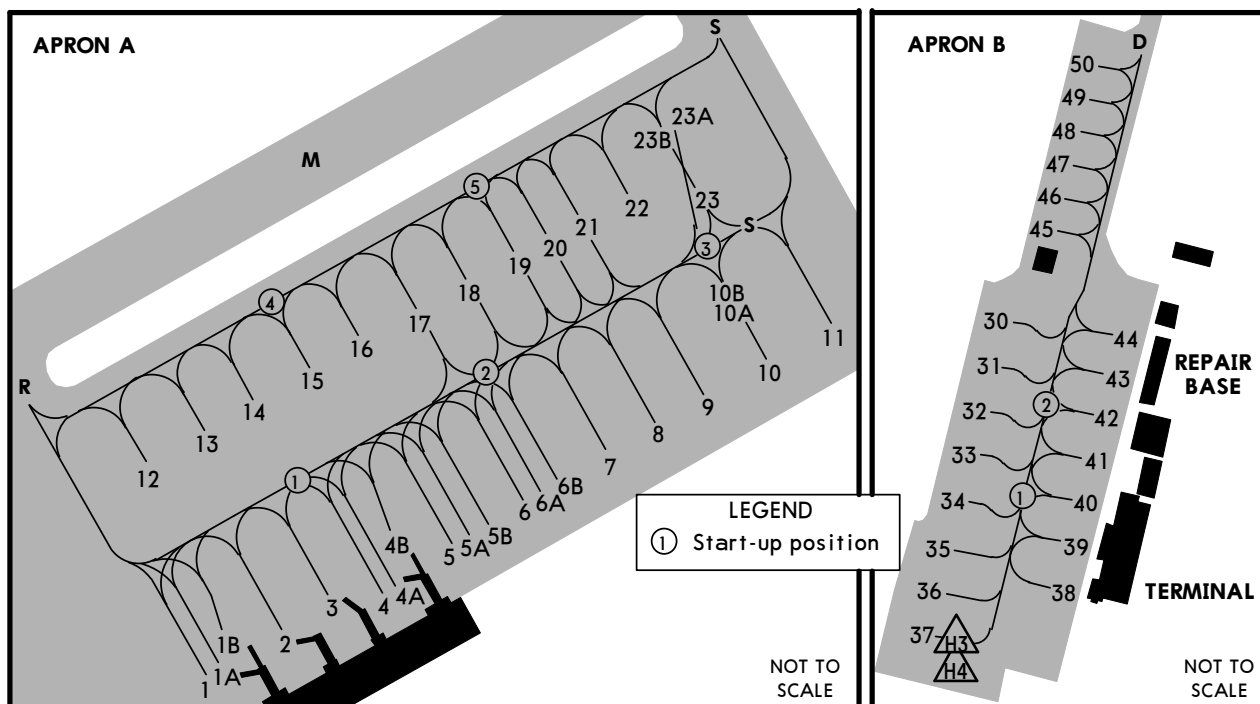
07R	HIRL (60m) CL (15m) HIALS PAPI-L (3.0°)		10,450' 3185m	②	197'
25L	HIRL (60m) CL (15m) HIALS-II PAPI-L (3.0°)		10,511' 3204m		60m

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

① Continuous Descent Final Approach.

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

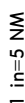
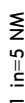
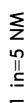
❶ Continuous Descent Final Approach.

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	NIL (DAY only)
A				
B	150m	200m	250m	
C			400m	500m
D	200m	250m	300m	

BRIEFING STRIP™

MSA
KN VOR

ALT/HEIGHT CONVERSION

10 $\Gamma_{in} = 5 \text{ NM}$

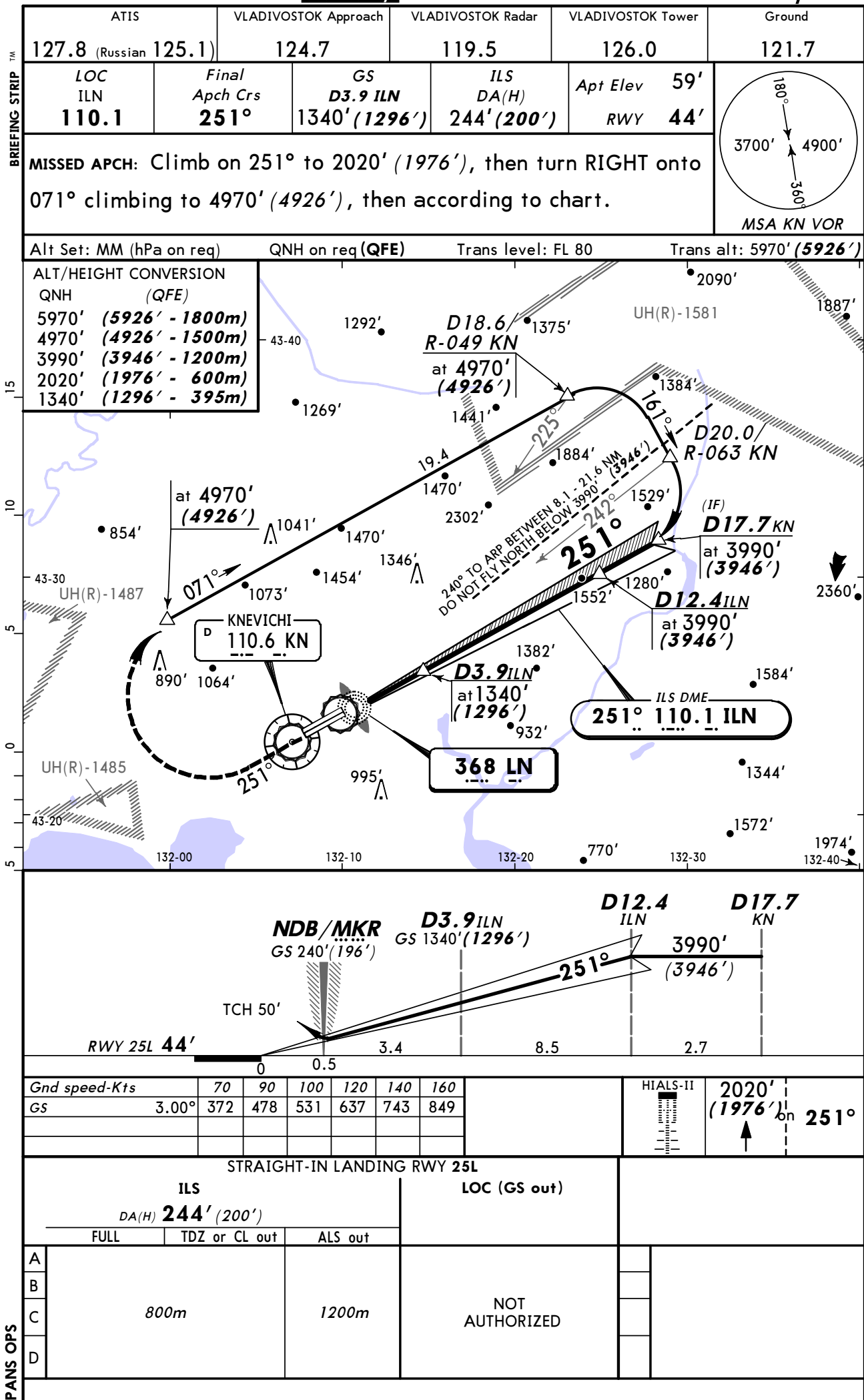
PANS OPS

UHHW/VVO
KNEVICH

19 APR 13
Eff 2 May

(11-2)

VLADIVOSTOK, RUSSIA
ILS DME Rwy 25L



UHWV/VVO
KNEVICH

19 APR 13
Eff 2 May

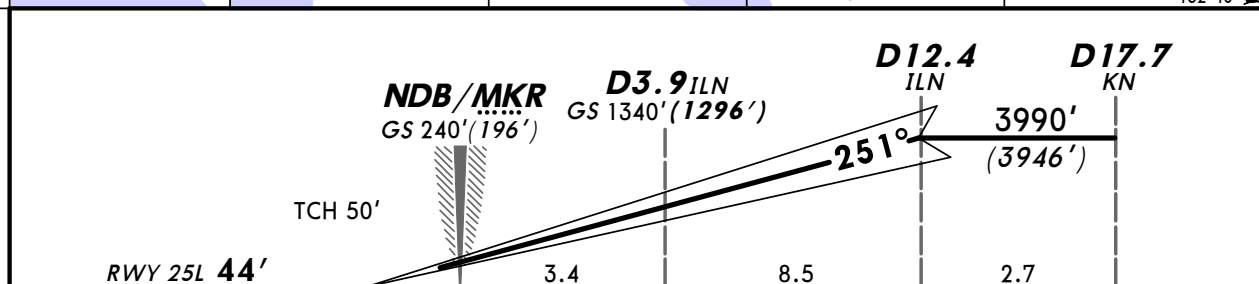
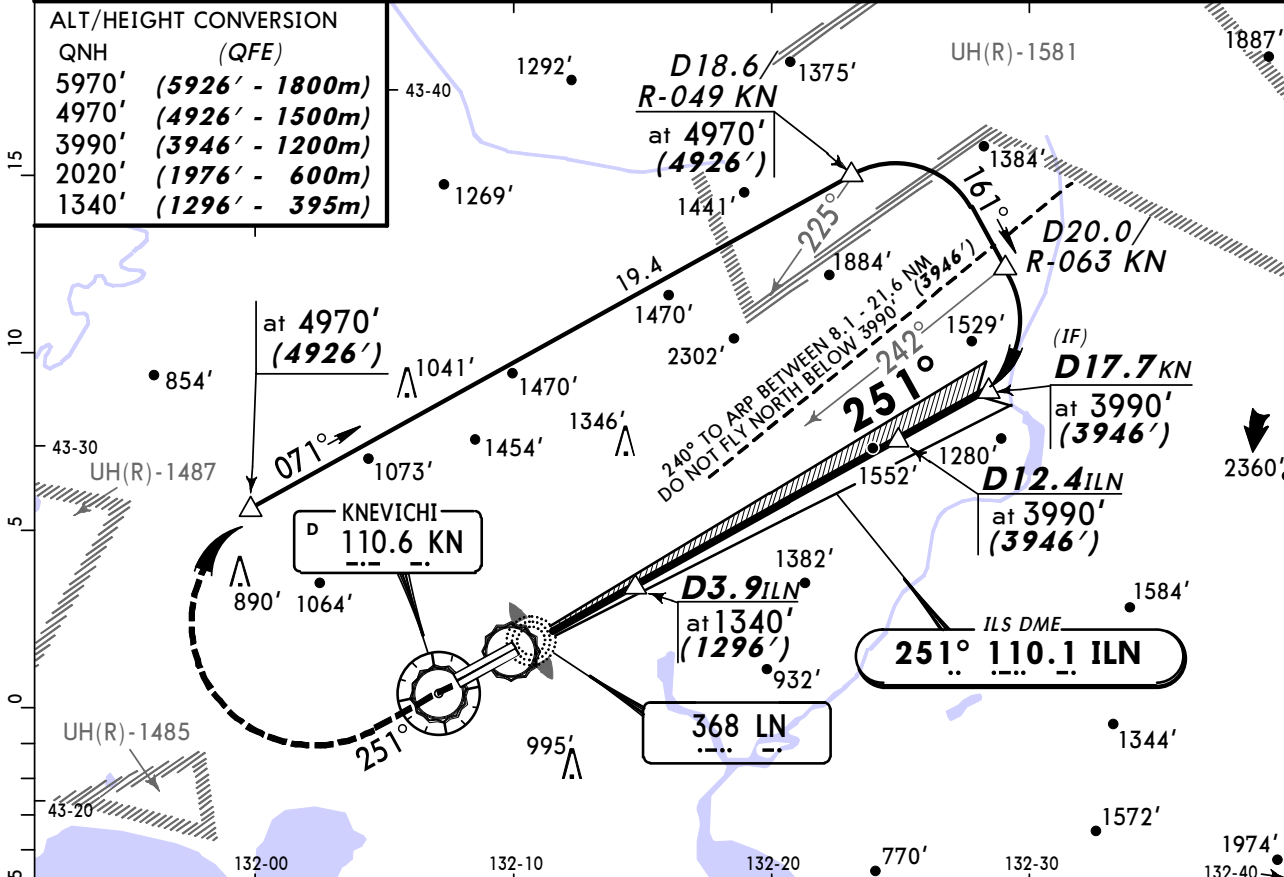
11-2A

VLADIVOSTOK, RUSSIA
CAT II ILS DME Rwy 25L

ATIS	VLADIVOSTOK Approach	VLADIVOSTOK Radar	VLADIVOSTOK Tower	Ground
127.8 (Russian 125.1)	124.7	119.5	126.0	121.7
LOC ILN 110.1	Final Apch Crs 251°	GS D3.9 ILN 1340' (1296')	CAT II ILS RA 115' DA(H) 144' (100')	Apt Elev 59' RWY 44'
MISSED APCH: Climb on 251° to 2020' (1976'), then turn RIGHT onto 071° climbing to 4970' (4926'), then according to chart.				

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 80 Trans alt: 5970' (5926')
Special Aircrew & Aircraft Certification Required.

ALT/HEIGHT CONVERSION
QNH (QFE)
5970' (5926' - 1800m)
4970' (4926' - 1500m)
3990' (3946' - 1200m)
2020' (1976' - 600m)
1340' (1296' - 395m)



		00.5								HIALS-II		2020' (1976')		on 251°	
Gnd speed-Kts		70	90	100	120	140	160			PAPI					
GS	3.00°	372	478	531	637	743	849								

STRAIGHT-IN LANDING RWY 25L

CAT II ILS

RA 115'

DA(H) 144' (100')

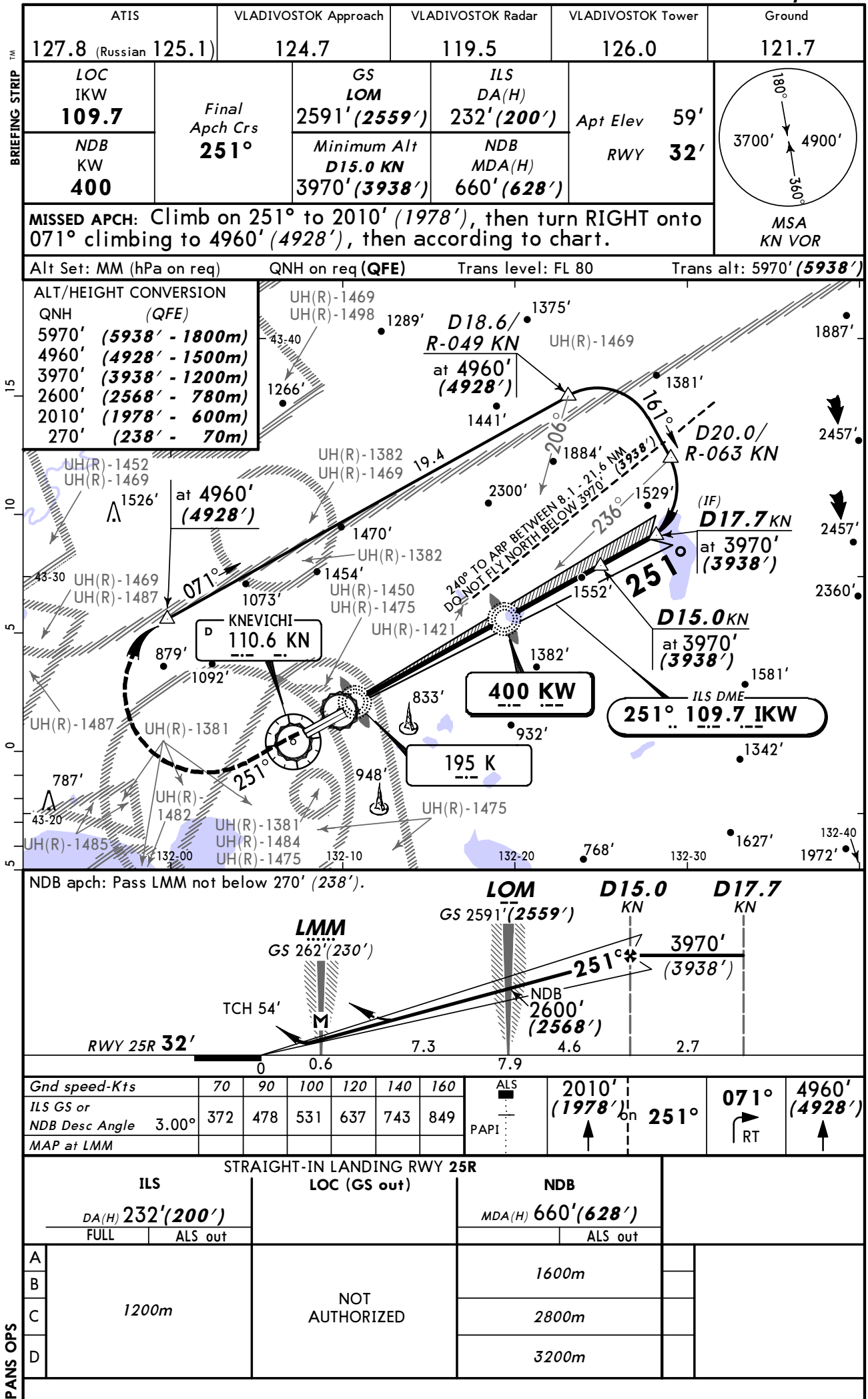
RVR 350m

PANS OPS

UHWV/VVO
KNEVICH

4 MAY 12 (11-3)

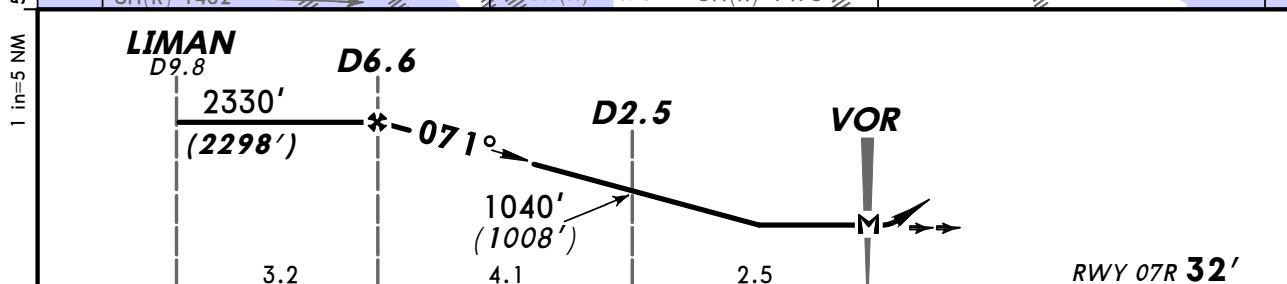
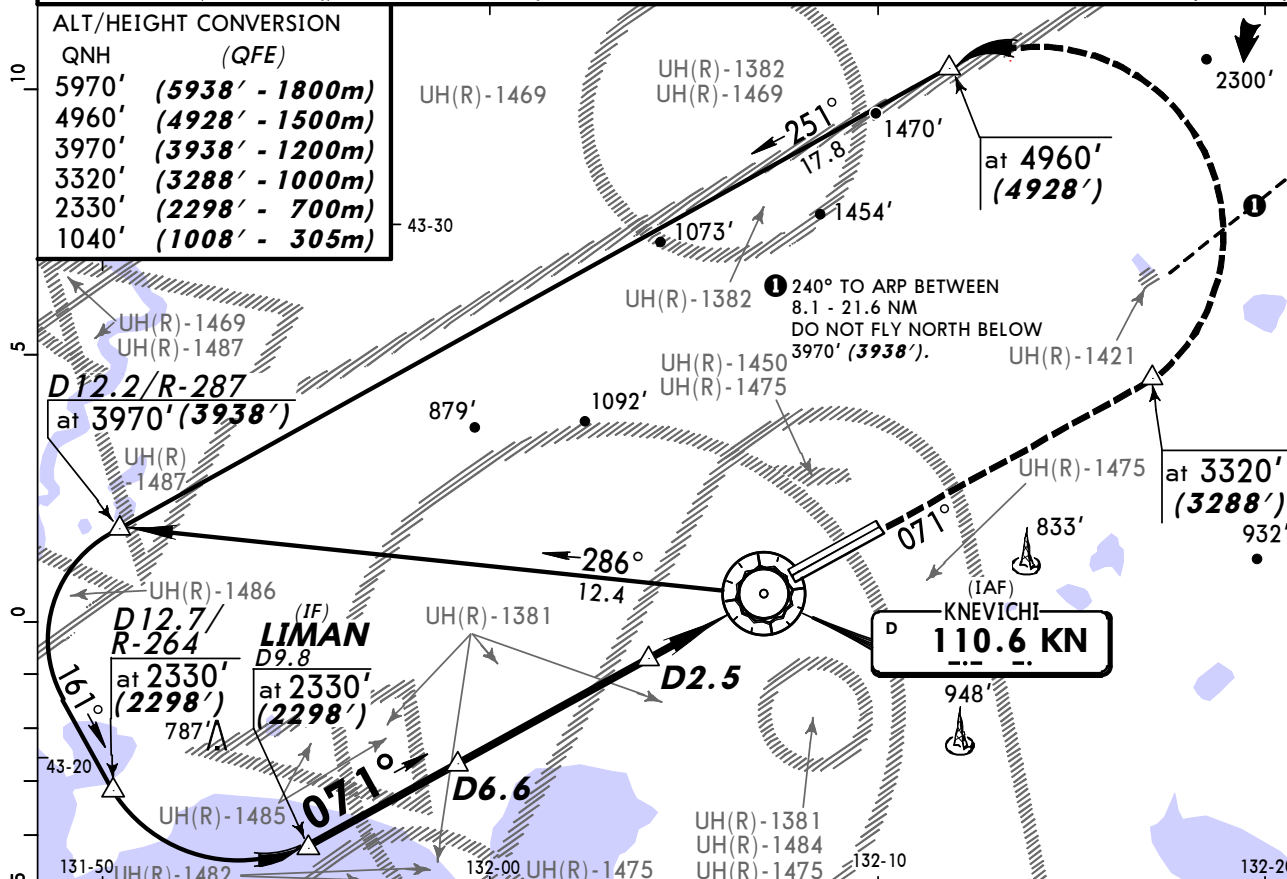
VLADIVOSTOK, RUSSIA
ILS or 2 NDB Rwy 25R



13-1

BRIEFING STRIP

ALT/HEIGHT CONVERSION	
QNH	(<i>QFE</i>)
5970'	(5938' - 1800m)
4960'	(4928' - 1500m)
3970'	(3938' - 1200m)
3320'	(3288' - 1000m)
2330'	(2298' - 700m)
1040'	(1008' - 305m)

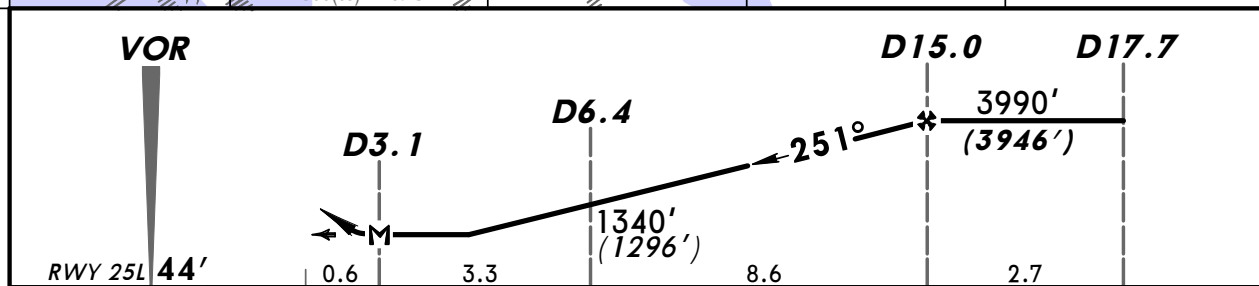
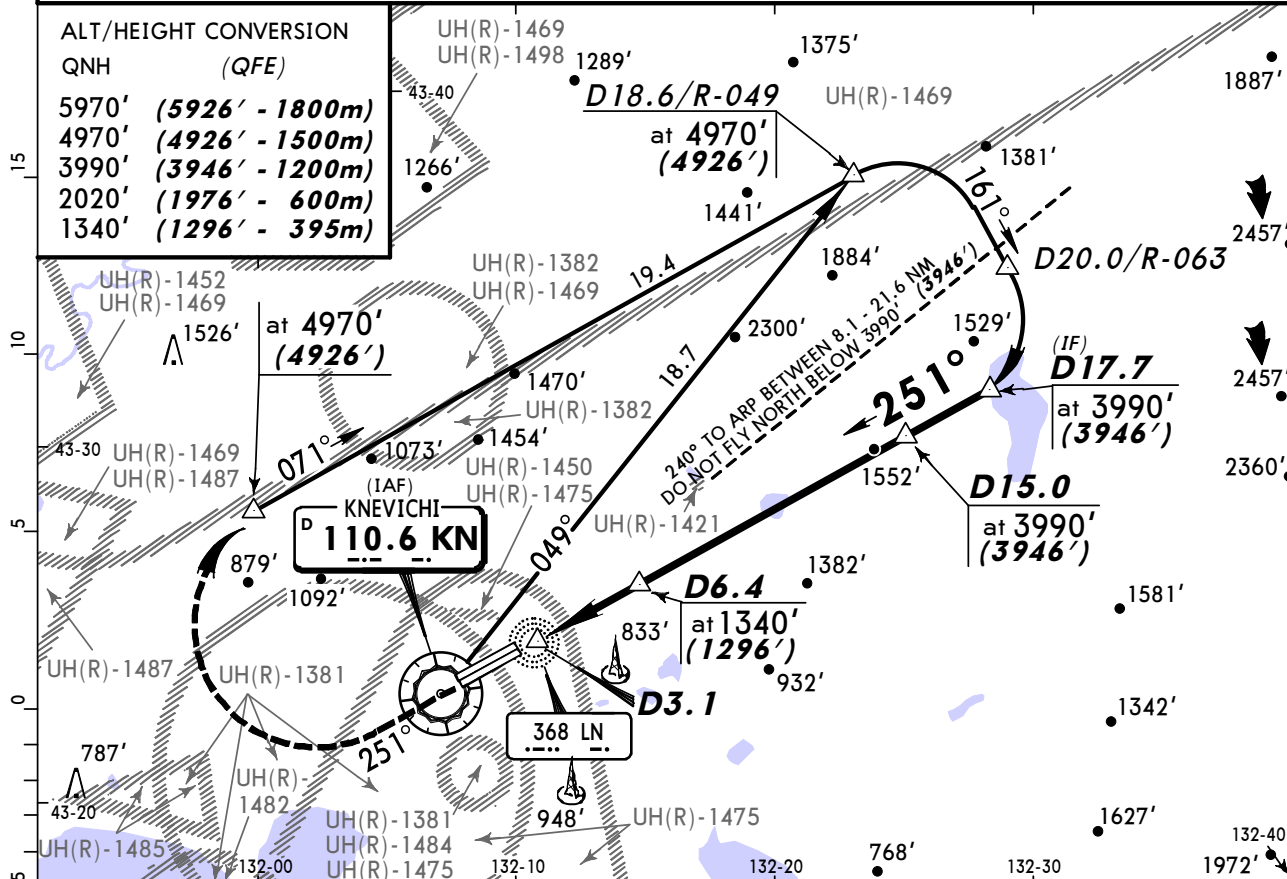
[illegible]

STRAIGHT-IN LANDING RWY 07R			
MDA(H) 470'(438')			
		ALS out	
A	1200m	1600m	
B			
C		2000m	
D	1600m	2400m	

PANS OPS

VLADIVOSTOK, RUSSIA
VOR DME Rwy 25L

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5970'	(5926' - 1800m)
4970'	(4926' - 1500m)
3990'	(3946' - 1200m)
2020'	(1976' - 600m)
1340'	(1296' - 395m)



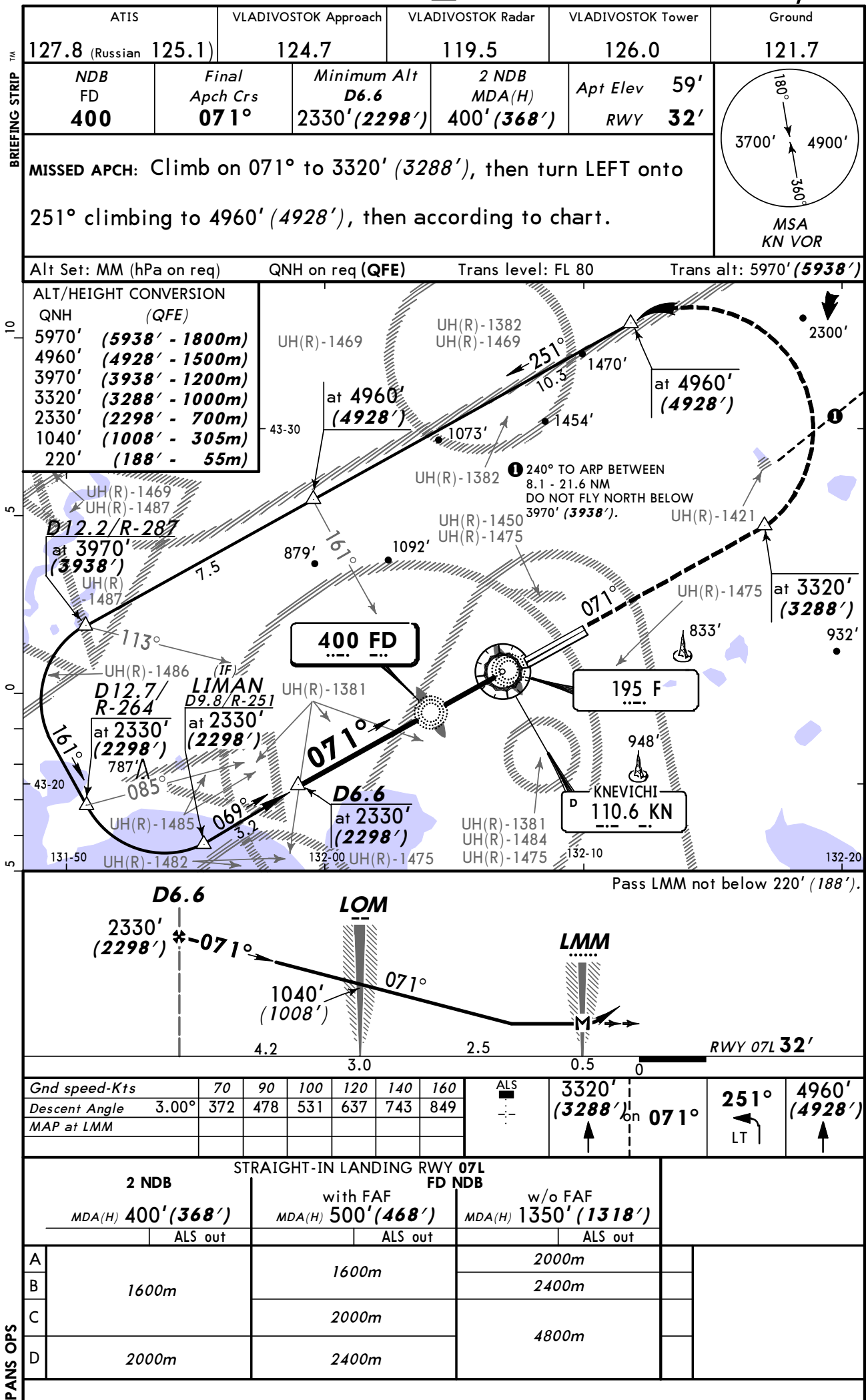
<i>Gnd speed-Kts</i>	70	90	100	120	140	160	HIALS-II  PAPI  2020' (1976') ↑ 251° ↑ 071° RT  4970' (4926') ↑
<i>Descent Angle</i> 3.00°	372	478	531	637	743	849	
<i>MAP at D3.1</i>							

STRAIGHT-IN LANDING RWY 25L				
MDA(H) 450' (406')				
			ALS out	
A	1200m			
B			1600m	
C				
D	1600m		2000m	

UHWV/VVO
KNEVICH

JEPPesen
4 MAY 12 (16-1)

VLADIVOSTOK, RUSSIA
2 NDB or NDB Rwy 07L



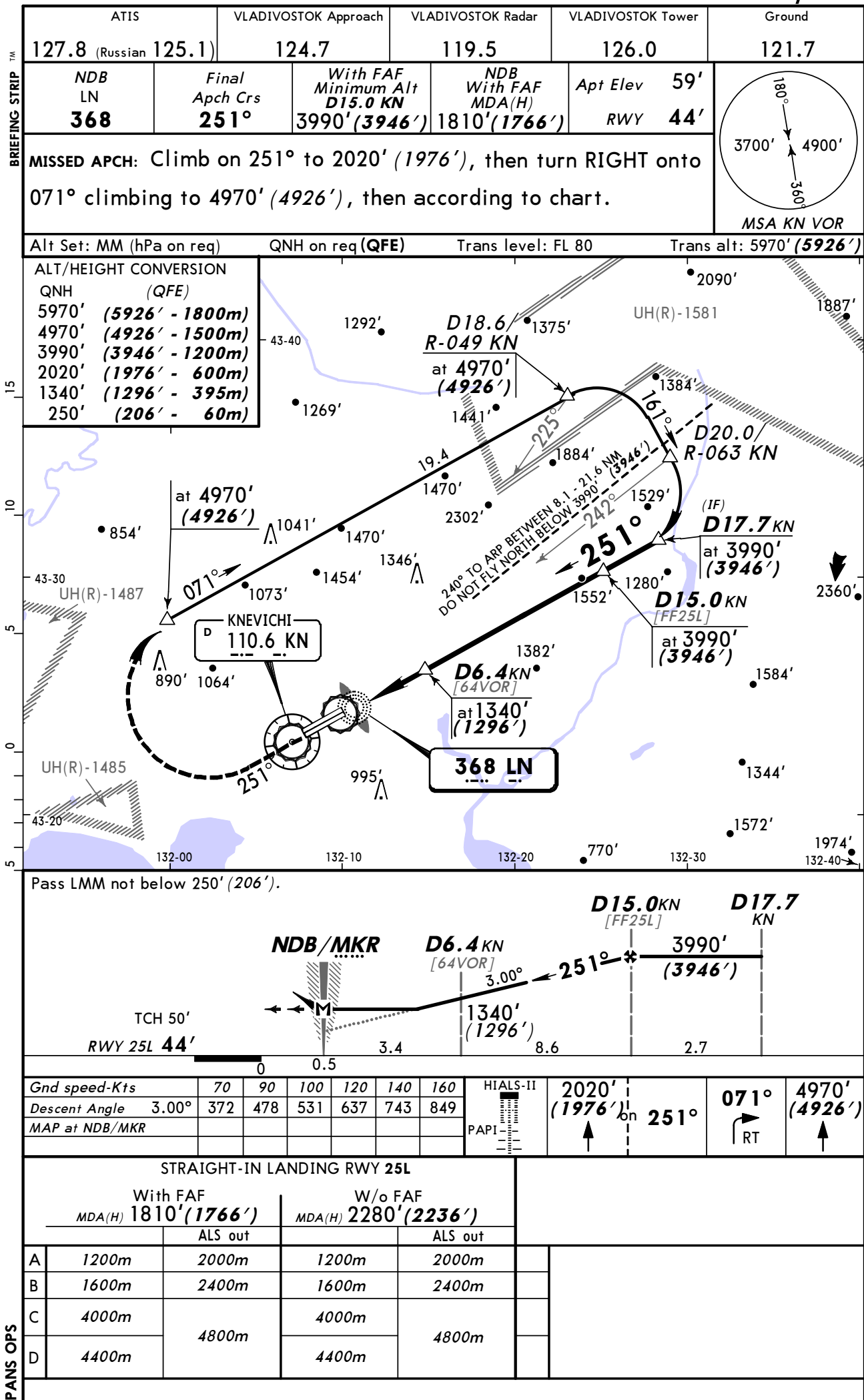




Chart changes since cycle 16-2013

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

ACT PROCEDURE IDENT

INDEX

REV DATE

EFF DATE

VLADIVOSTOK, (KNEVICH - UHWW)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UHWW