

List of pages in this Trip Kit

Trip Kit Index

Airport Information For ULMM

Terminal Charts For ULMM

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: MURMANSK RUS
ICAO/IATA: ULMM / MMK
Lat/Long: N68° 46.9', E032° 45.1'
Elevation: 266 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -3:00 = UTC
Magnetic Variation: 15.0° E

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

Sunrise: 2350 Z
Sunset: 1941 Z

Runway Information

Runway: 13
Length x Width: 8202 ft x 138 ft
Surface Type: asphalt
TDZ-Elev: 242 ft
Lighting: Edge, ALS

Runway: 31
Length x Width: 8202 ft x 138 ft
Surface Type: asphalt
TDZ-Elev: 267 ft
Lighting: Edge, ALS

Communication Information

ATIS: 127.400
Murmansk Tower: 120.300
Murmansk Transit Operations: 131.900

ULMM/MMK
MURMANSK

JEPPESEN
25 MAY 12 10-2

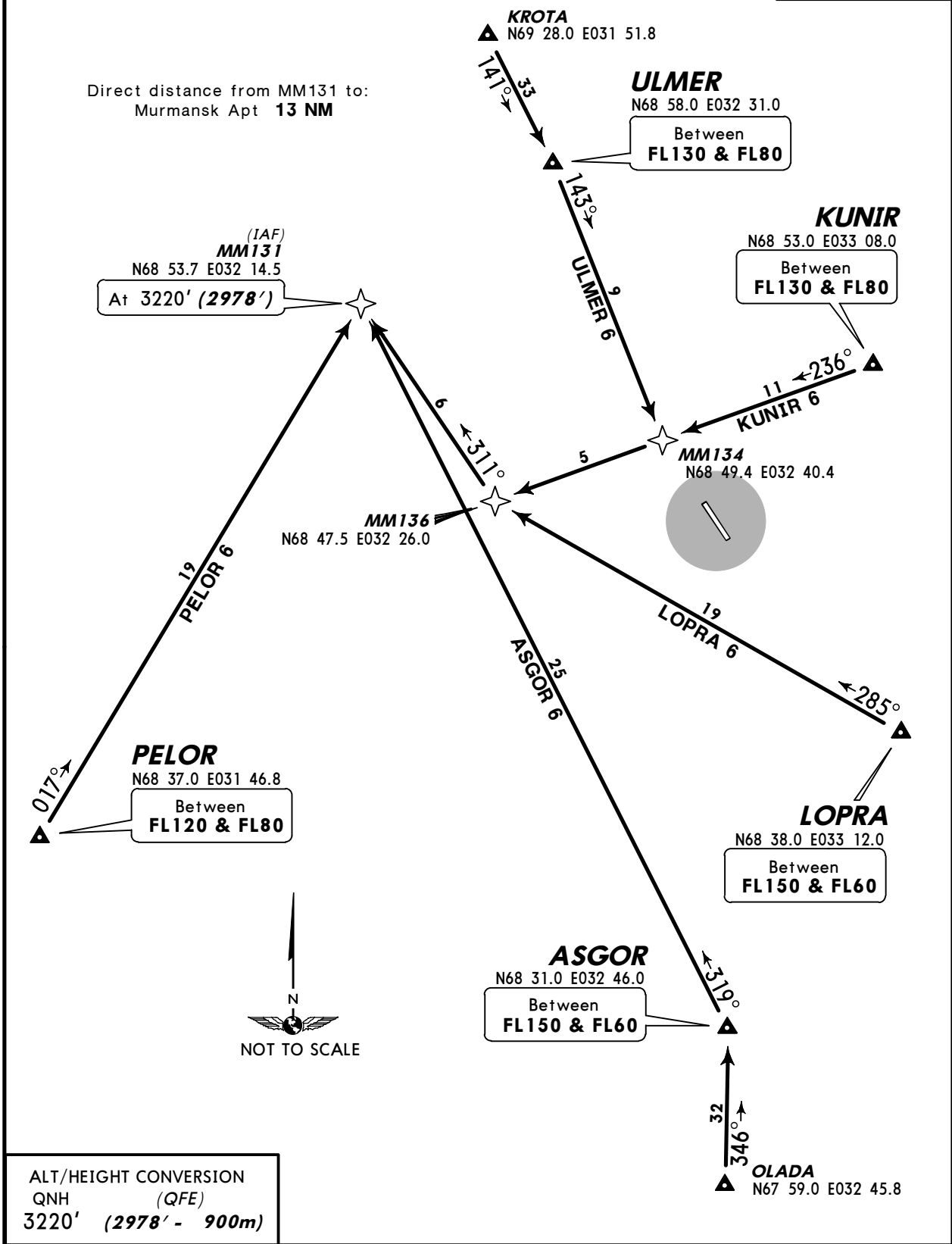
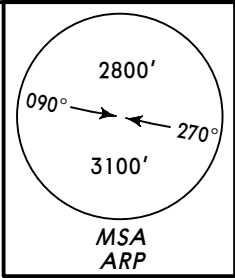
Eff 31 May

MURMANSK, RUSSIA

RNAV STAR

ATIS 127.4	Apt Elev 262'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 753mm (1004.0 hPa) FL70 if pressure is less than 726mm (968.0 hPa) Trans alt: 3220' (2978')
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ASGOR 6, KUNIR 6
LOPRA 6, PELOR 6, ULMER 6
RWY 13 RNAV ARRIVALS
RNAV (GNSS)



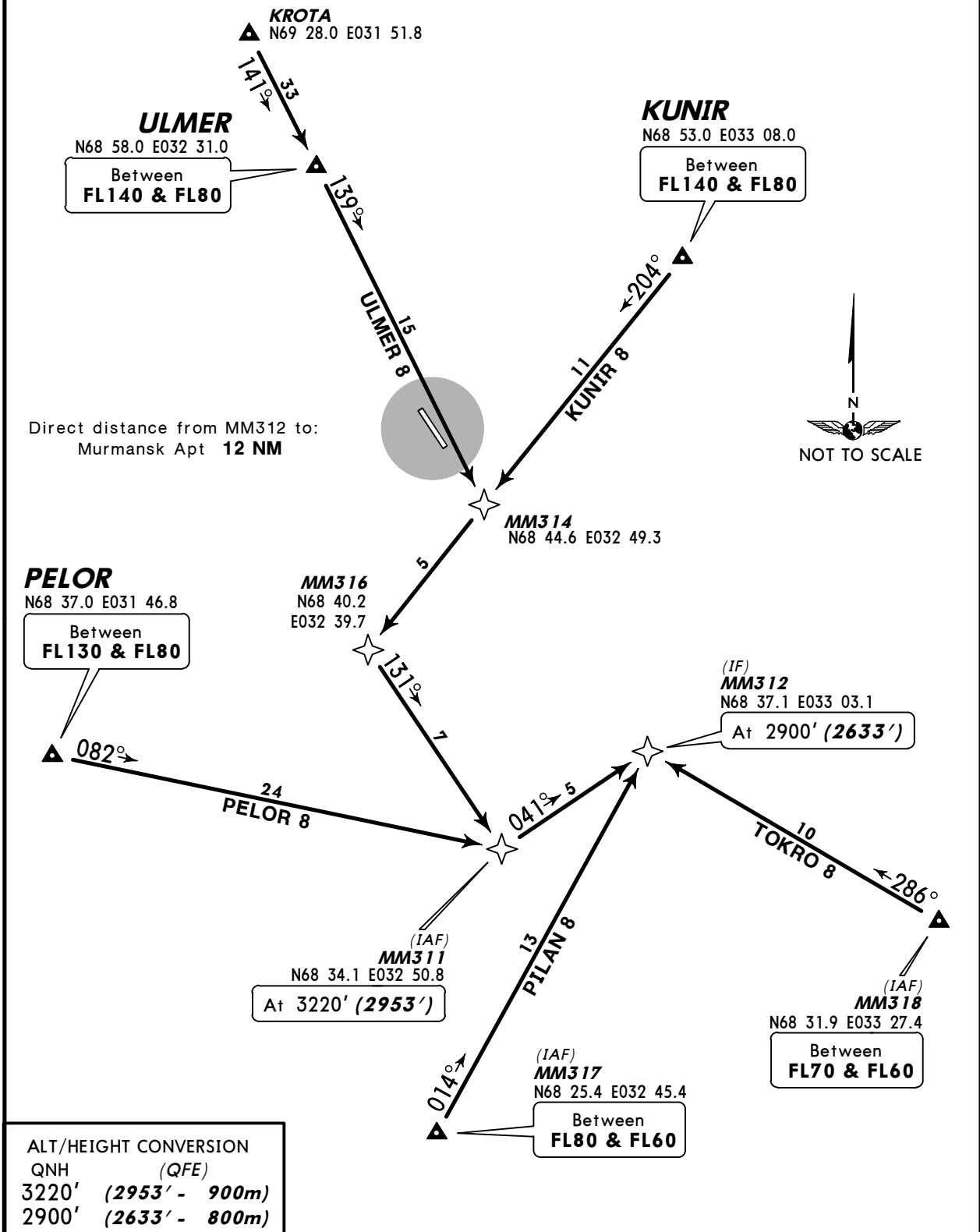
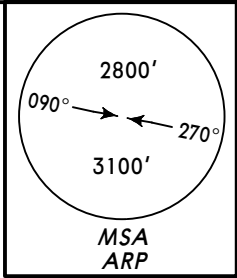
ULMM/MMK
MURMANSK

JEPPESEN
25 MAY 12 (10-2A) Eff 31 May

MURMANSK, RUSSIA
RNAV STAR

ATIS 127.4	Apt Elev 262'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 753mm (1004.0 hPa) FL70 if pressure is less than 726mm (968.0 hPa) Trans alt: 3220' (2953')
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KUNIR 8, PELOR 8
PILAN 8, TOKRO 8, ULMER 8
RWY 31 RNAV ARRIVALS
RNAV (GNSS)



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MURMANSK, RUSSIA

25 MAY 12

10-2B

Eff 31 May

STAR

ATIS
127.4

Apt Elev
262'

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

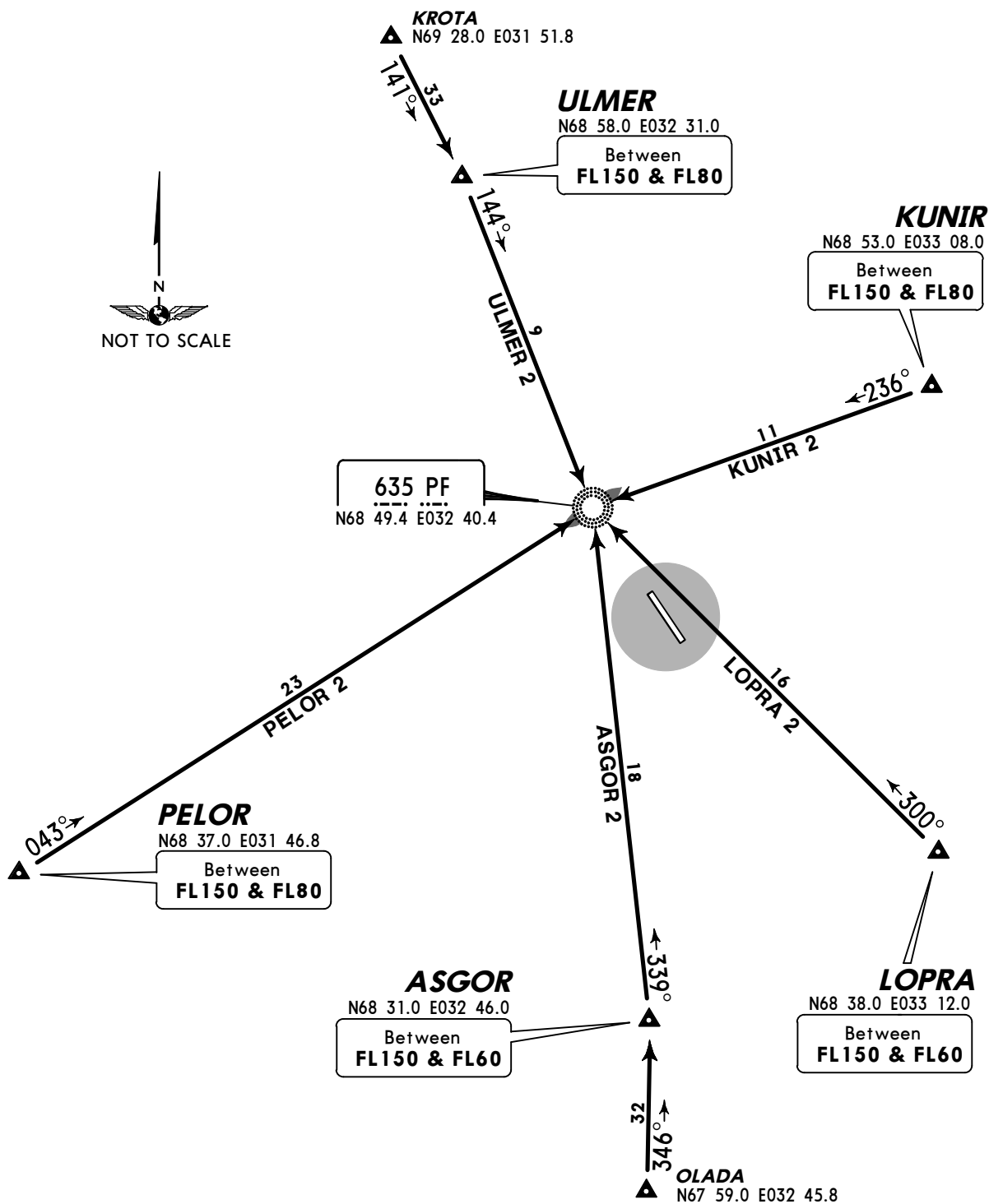
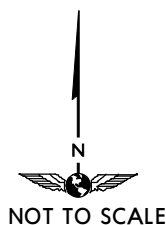
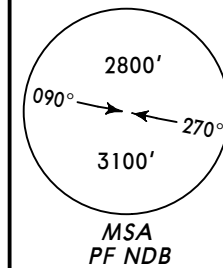
Trans level: FL50

FL60 if pressure is less than 753mm (1004.0 hPa)

FL70 if pressure is less than 726mm (968.0 hPa)

Trans alt: 3220' (2978')

ASGOR 2, KUNIR 2
LOPRA 2, PELOR 2, ULMER 2
RWY 13 ARRIVALS



ALT/HEIGHT CONVERSION
QNH (QFE)
3220' (2978' - 900m)

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JEPPESEN
25 MAY 12 10-2C

Eff 31 May

MURMANSK, RUSSIA

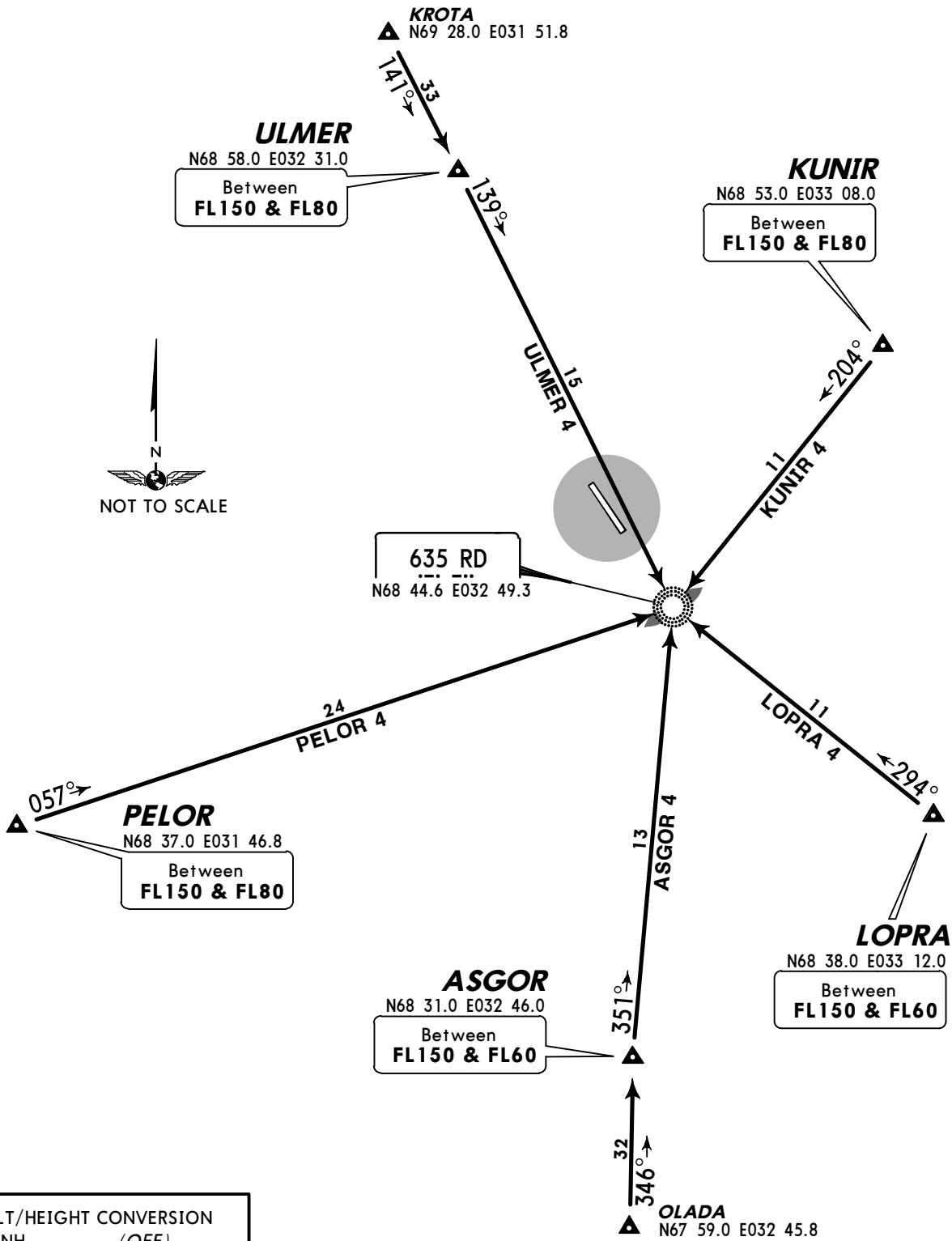
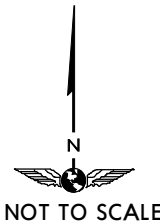
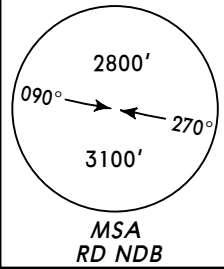
STAR

ATIS
127.4

Apt Elev
262'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 753mm (1004.0 hPa)
FL70 if pressure is less than 726mm (968.0 hPa)
Trans alt: 3220' (2953')

ASGOR 4, KUNIR 4
LOPRA 4, PELOR 4, ULMER 4
RWY 31 ARRIVALS



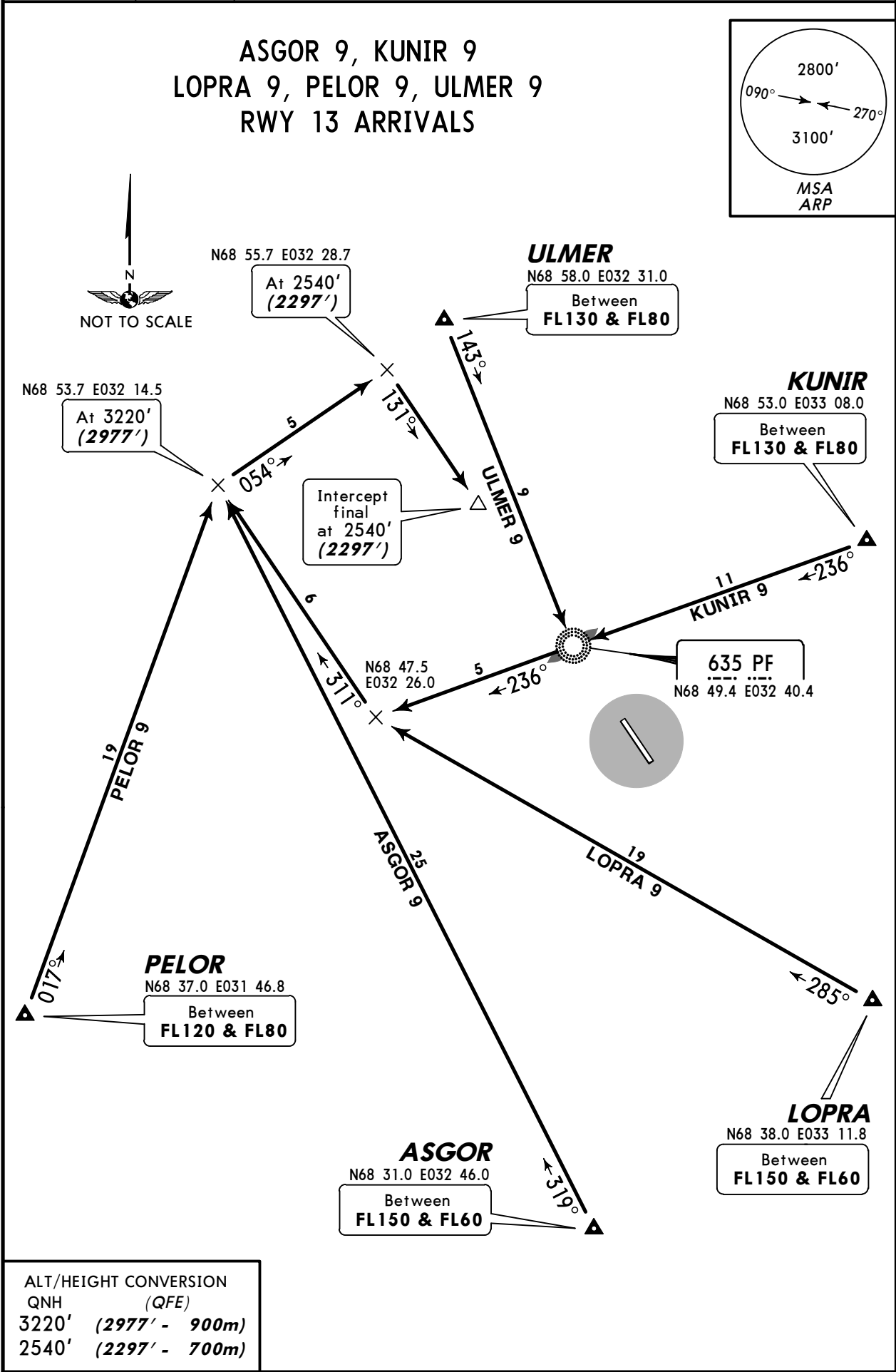
ALT/HEIGHT CONVERSION
QNH (QFE)
3220' (2953' - 900m)

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13 FEB 15 10-2D

MURMANSK, RUSSIA
STAR

ATIS 127.4	Apt Elev 266'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 753mm (1003.9 hPa) FL70 if pressure is equal or less than 726mm (967.9 hPa) Trans alt: 3220' (2977')
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Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL50
 FL60 if pressure is less than 753mm (1003.9 hPa)
 FL70 if pressure is equal or less than 726mm (967.9 hPa)
Trans alt: 3220' **(2954')**

2800'

090° → ← 270°

3100'

MSA
ARP

ALT/HEIGHT CONVERSION
QNH (QFE)

3220'	(2954' - 900m)
2900'	(2634' - 800m)
2570'	(2304' - 700m)

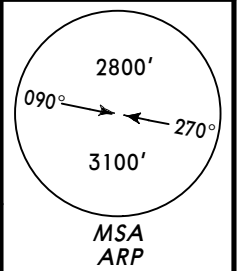
ULMM/MMK
MURMANSK

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25 MAY 12 10-3 Eff 31 May

MURMANSK, RUSSIA
RNAV SID

Apt Elev
262'

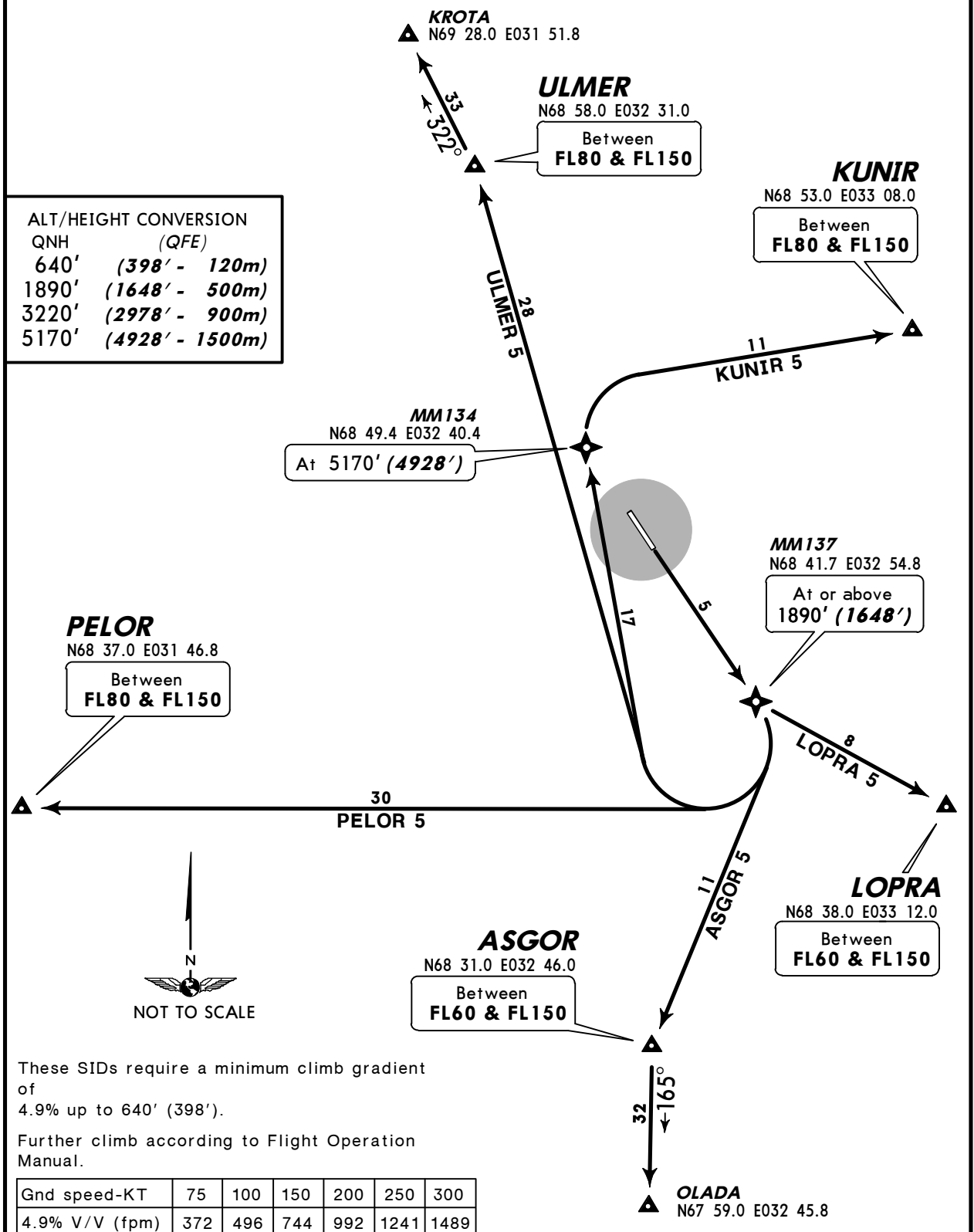
QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 753mm (1004.0 hPa)
FL70 if pressure is less than 726mm (968.0 hPa)
Trans alt: 3220' (2978')
If unable to reach assigned FL climb in the established rectangular traffic pattern and by ATC instruction.



ASGOR 5, KUNIR 5
LOPRA 5, PELOR 5, ULMER 5
RWY 13 RNAV DEPARTURES
RNAV (GNSS)

ALT/HEIGHT CONVERSION

QNH	(QFE)
640'	(398' - 120m)
1890'	(1648' - 500m)
3220'	(2978' - 900m)
5170'	(4928' - 1500m)



These SIDs require a minimum climb gradient of 4.9% up to 640' (398').
Further climb according to Flight Operation Manual.

Gnd speed-KT	75	100	150	200	250	300
4.9% V/V (fpm)	372	496	744	992	1241	1489

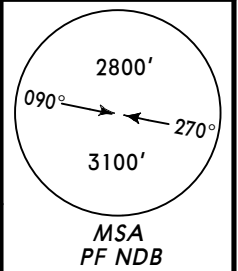
ULMM/MMK
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25 MAY 12 10-3B Eff 31 May

MURMANSK, RUSSIA
SID

Apt Elev
262'

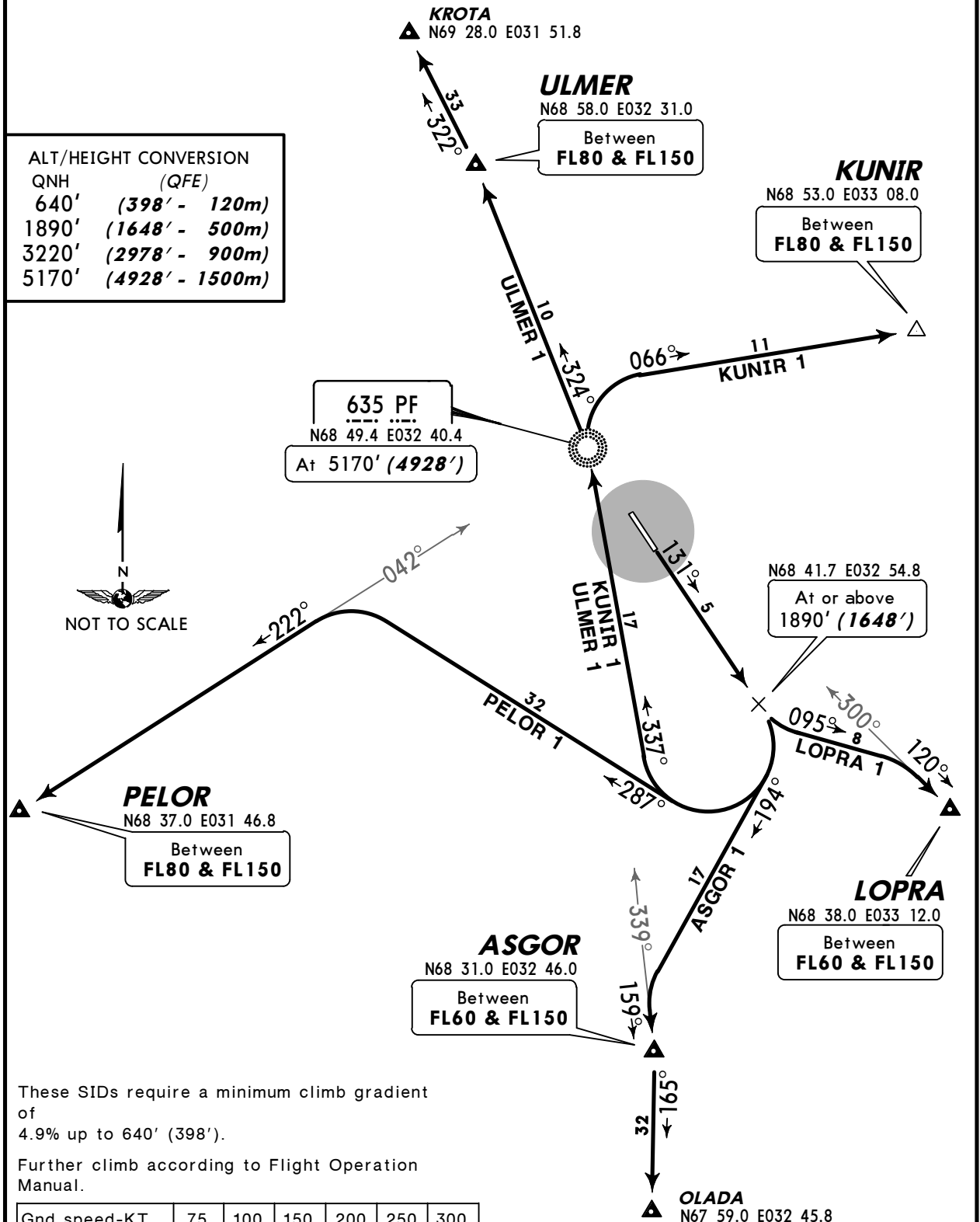
QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 753mm (1004.0 hPa)
FL70 if pressure is less than 726mm (968.0 hPa)
Trans alt: 3220' (2978')
If unable to reach assigned FL climb in the established rectangular traffic pattern and by ATC instruction.



ASGOR 1, KUNIR 1
LOPRA 1, PELOR 1, ULMER 1
RWY 13 DEPARTURES

ALT/HEIGHT CONVERSION
QNH (QFE)

640'	(398' - 120m)
1890'	(1648' - 500m)
3220'	(2978' - 900m)
5170'	(4928' - 1500m)



These SIDs require a minimum climb gradient of 4.9% up to 640' (398').

Further climb according to Flight Operation Manual.

Gnd speed-KT	75	100	150	200	250	300
4.9% V/V (fpm)	372	496	744	992	1241	1489

ULMM/MMK

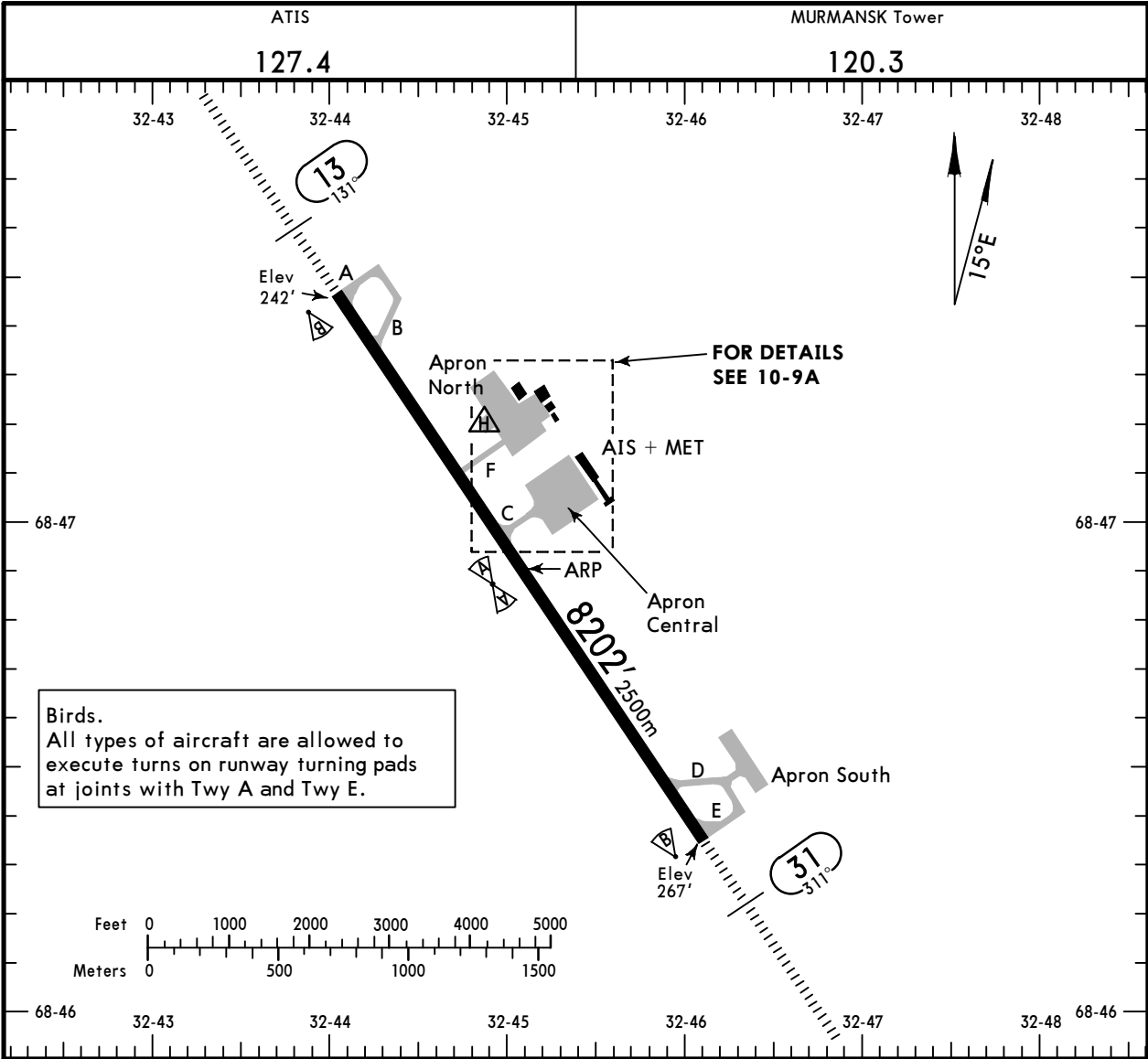
Apt Elev **266'**
N68 46.9 E032 45.1

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18 JAN 19 **(10-9)** Eff 31 Jan

MURMANSK, RUSSIA

MURMANSK



ADDITIONAL RUNWAY INFORMATION						
RWY				USABLE LENGTHS		WIDTH
				LANDING BEYOND	TAKE-OFF	
13 31	RL (60m)	HIALS	PAPI-L (angle 3.0°)	RVR	Threshold	7412' 2259m
					Glide Slope	7169' 2185m

LOW VISIBILITY PROCEDURE

Presence of more than one acft on one element of the manoeuvring area (rwy, twy) is prohibited under low visibility conditions.

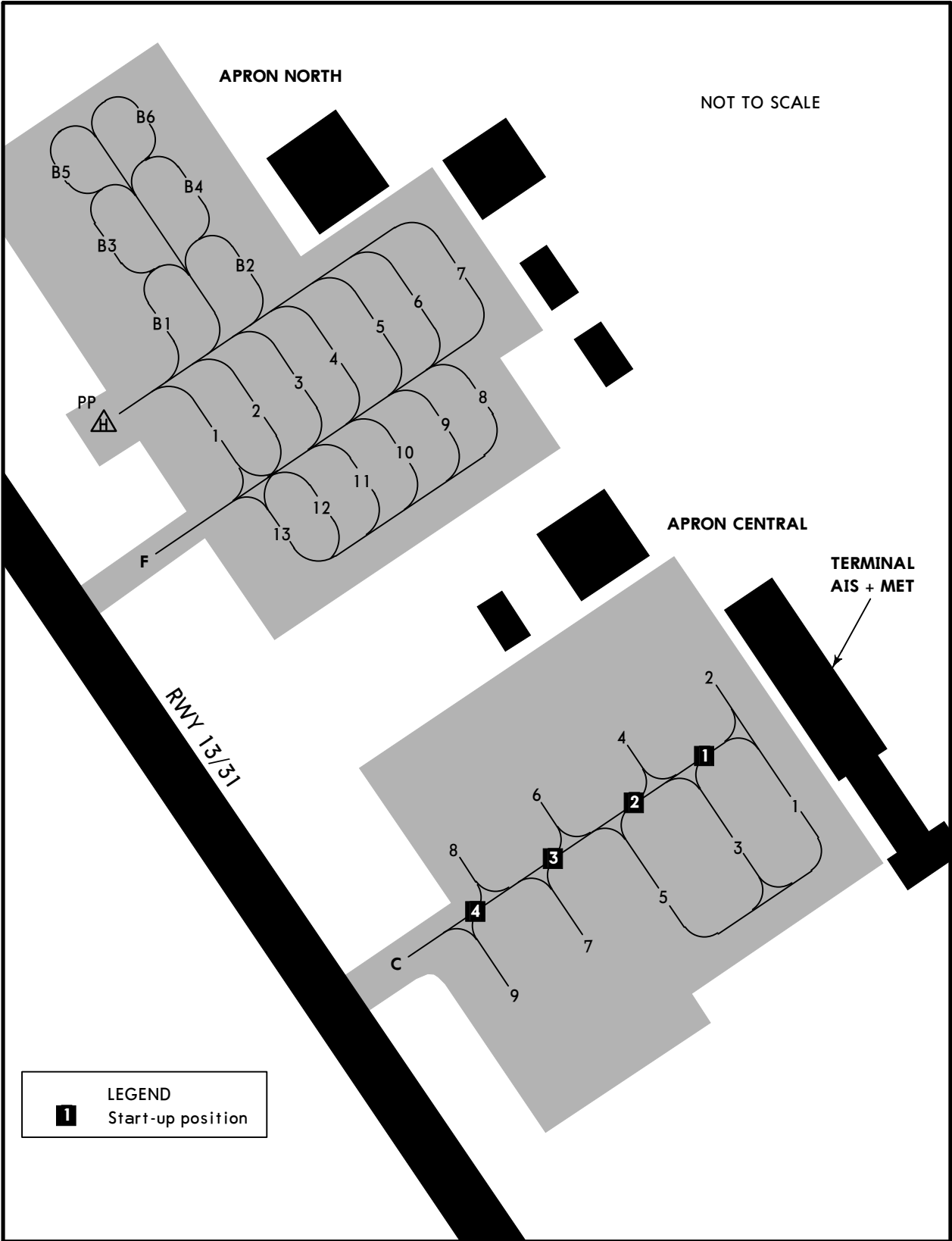
When low visibility procedures are in progress flight crew shall report 'rwy vacated' after landing.

TAKE-OFF	
AIR CARRIER (JAA)	
All Rwys	
LVP must be in force	
RCLM (DAY only) or RL	
A	RCLM (DAY only) or RL
B	
C	
D	

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18 JAN 19 10-9A Eff 31 Jan

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MURMANSK



On the APRON NORTH stands 1 thru 13 & B1 thru B6 for helicopters.
Twy F for towing only.
Taxiing into stands 2, 4, 6 and 8 shall be carried out in North-west direction. Taxiing out of these stands by pushing-back to engines start-up positions.
Taxiing into stands 7 and 9 shall be carried out in South-east direction. Taxiing out of these stands by pushing-back to engines start-up positions.

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26 DEC 14 **10-9S** **Eff 8 Jan**
Standard
MURMANSK, RUSSIA
MURMANSK

STRAIGHT-IN RWY	A	B	C	D
13				
ILS	443' (200')	453' (210')	459' (216')	469' (226')
<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
GNSS ①	600' (357')	600' (357')	600' (357')	600' (357')
<i>ALS out</i>	R900m R1500m	R900m R1500m	R900m R1600m	R900m R1600m
NDB ①	600' (357')	600' (357')	600' (357')	600' (357')
with FAF	R900m	R900m	R900m	R900m
<i>ALS out</i>	R1500m	R1500m	R1600m	R1600m
NDB	1440' (1197')	1440' (1197')	1440' (1197')	1440' (1197')
w/o FAF	C4800m	C4800m	C5000m	C5000m
<i>ALS out</i>	C5000m	C5000m	C5000m	C5000m
31				
ILS	466' (200')	466' (200')	469' (203')	479' (213')
<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
GNSS ①	800' (534')	800' (534')	800' (534')	800' (534')
<i>ALS out</i>	R1500m R1500m	R1500m R1500m	R1700m C2400m	R1700m C2400m
NDB ①	800' (534')	800' (534')	800' (534')	800' (534')
with FAF	R1500m	R1500m	R1700m	R1700m
<i>ALS out</i>	R1500m	R1500m	C2400m	C2400m
NDB	1430' (1164')	1430' (1164')	1430' (1164')	1430' (1164')
w/o FAF	C4800m	C4800m	C5000m	C5000m
<i>ALS out</i>	C5000m	C5000m	C5000m	C5000m

① Continuous Descent Final Approach.

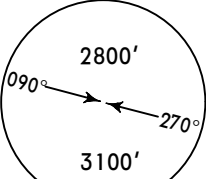
TAKE-OFF RWY 13, 31		
LVP must be in Force		
RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	400m	500m
B		
C		
D		
250m		
300m		

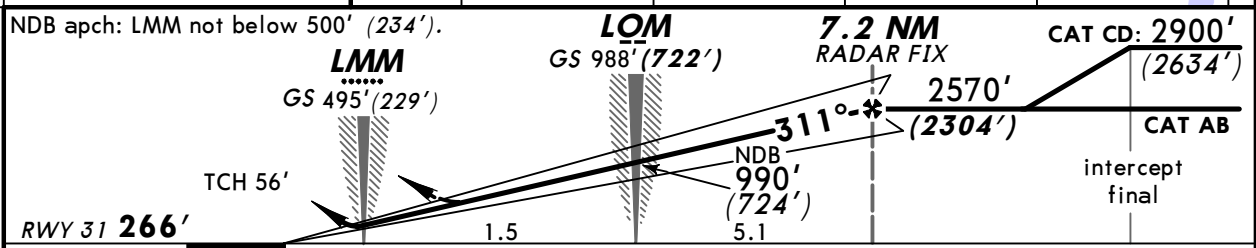
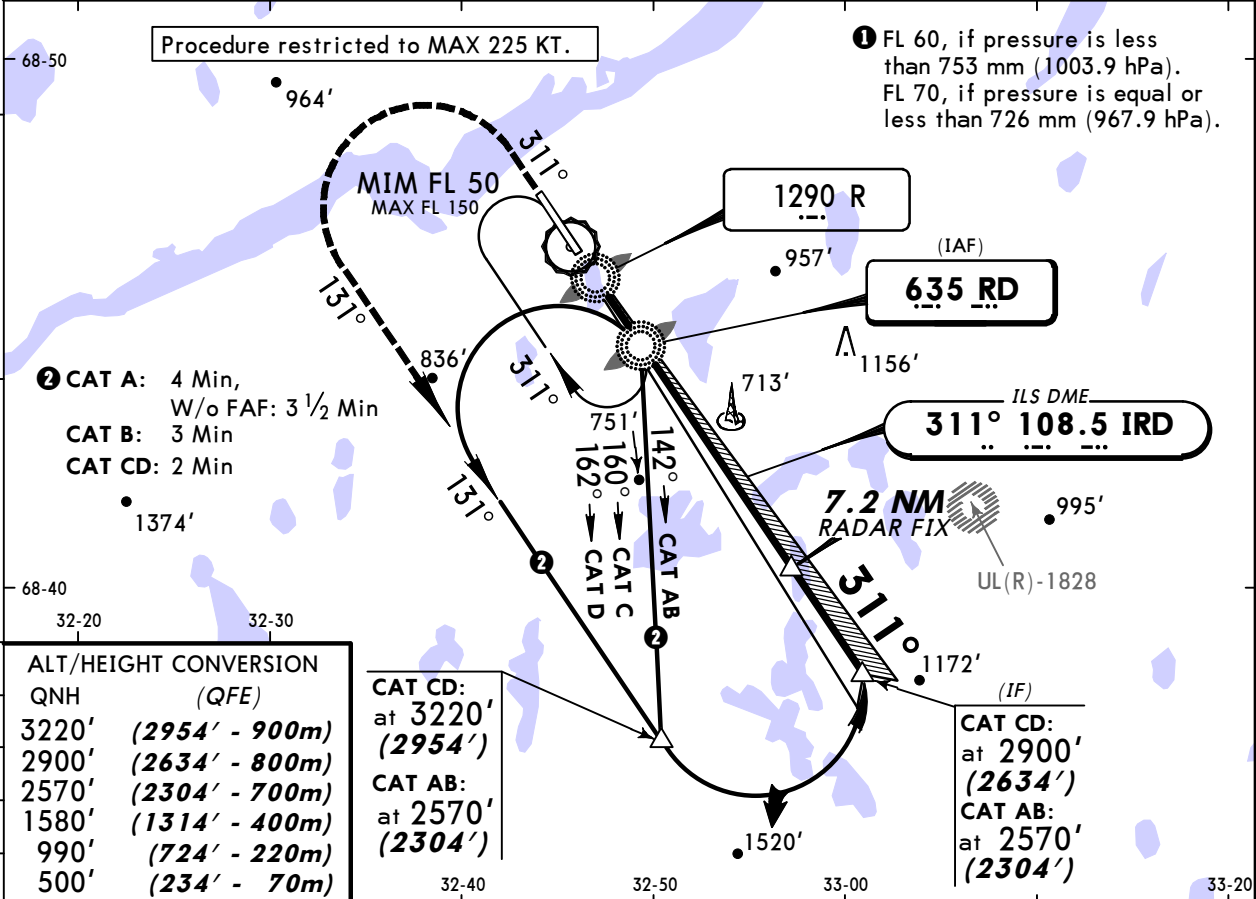
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ULMM/MMK
MURMANSK

JEPPESEN
26 DEC 14
Eff 8 Jan 11-2

MURMANSK, RUSSIA
ILS or 2 NDB Rwy 31

ATIS 127.4				MURMANSK Tower 120.3	
LOC IRD 108.5	Final Apch Crs 311°	GS LOM 988' (722')	ILS DA(H) Refer to Minimums	Apt Elev 266' RWY 266'	
NDB RD 635		Minimum Alt 7.2 NM RADAR FIX 2570' (2304')	NDB MDA(H) (CONDITIONAL) 800' (534')		
MISSED APCH: Climb on 311° to 1580' (1314'), then turn LEFT onto 131° climbing CAT CD: to 3220' (2954'), CAT AB: to 2570' (2304'), then according to chart.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50 ① Trans alt: 3220' (2954')	



Gnd speed-Kts	70	90	100	120	140	160	HIALS		1580' (1314')	311°
ILS GS or NDB Descent Angle 3.00°	372	478	531	637	743	849	PAPI		↑	on

ILS				LOC		STRAIGHT-IN LANDING RWY 31						
DA(H)		C: 469'(203')		(GS out)		With FAF		2 NDB				
AB: 466'(200')		D: 479'(213)				MDA(H) 800'(534')		W/o FAF				
FULL		ALS out						MDA(H) 1430'(1164')				
						ALS out		ALS out				
A	RVR 720m VIS 800m		1200m		NOT AUTH		2000m		2800m		3200m	
B												
C									4000m		4800m	
D							2400m		4400m			

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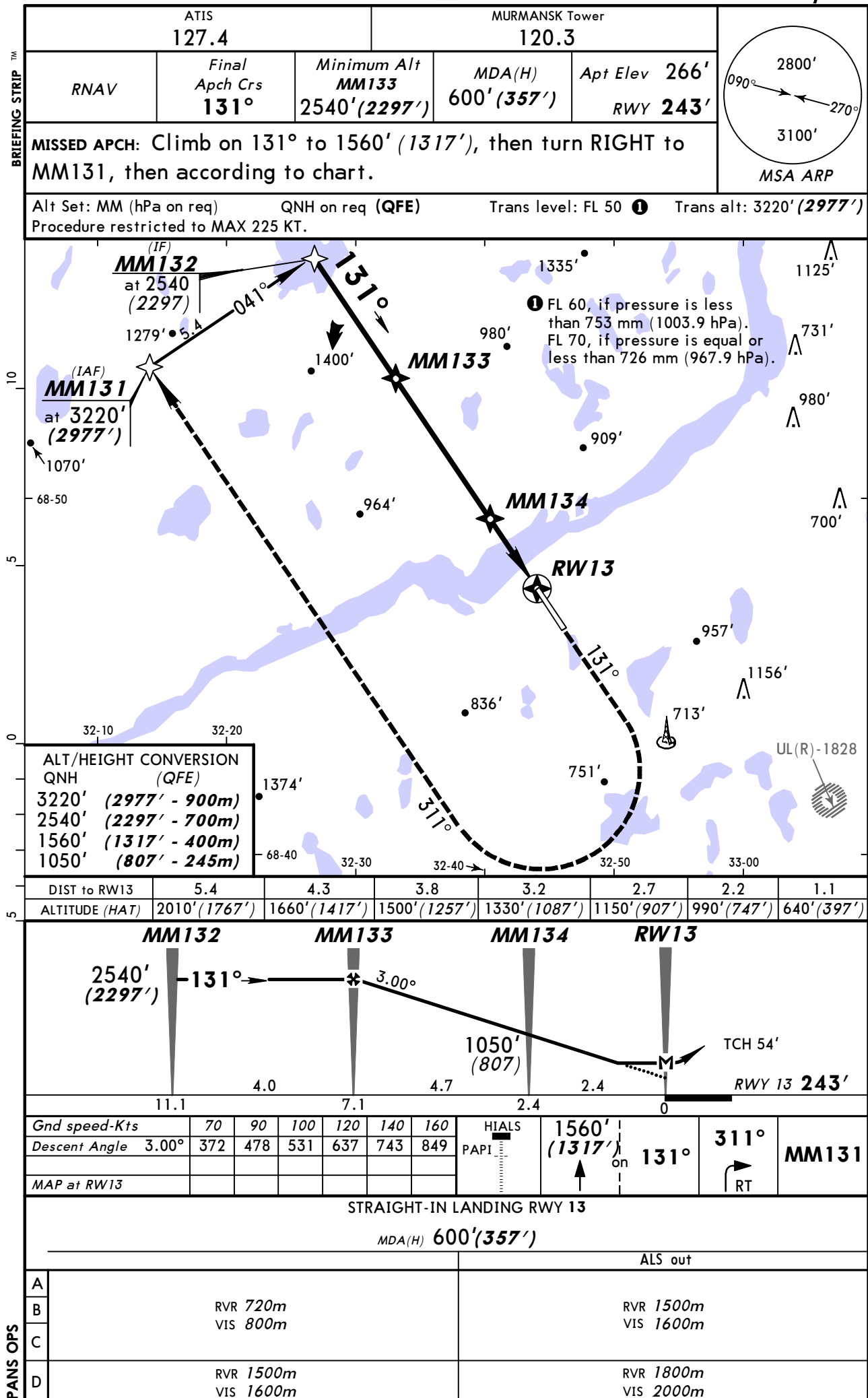
JEPPESSEN

26 DEC 14

12-1

Eff 8 Jan

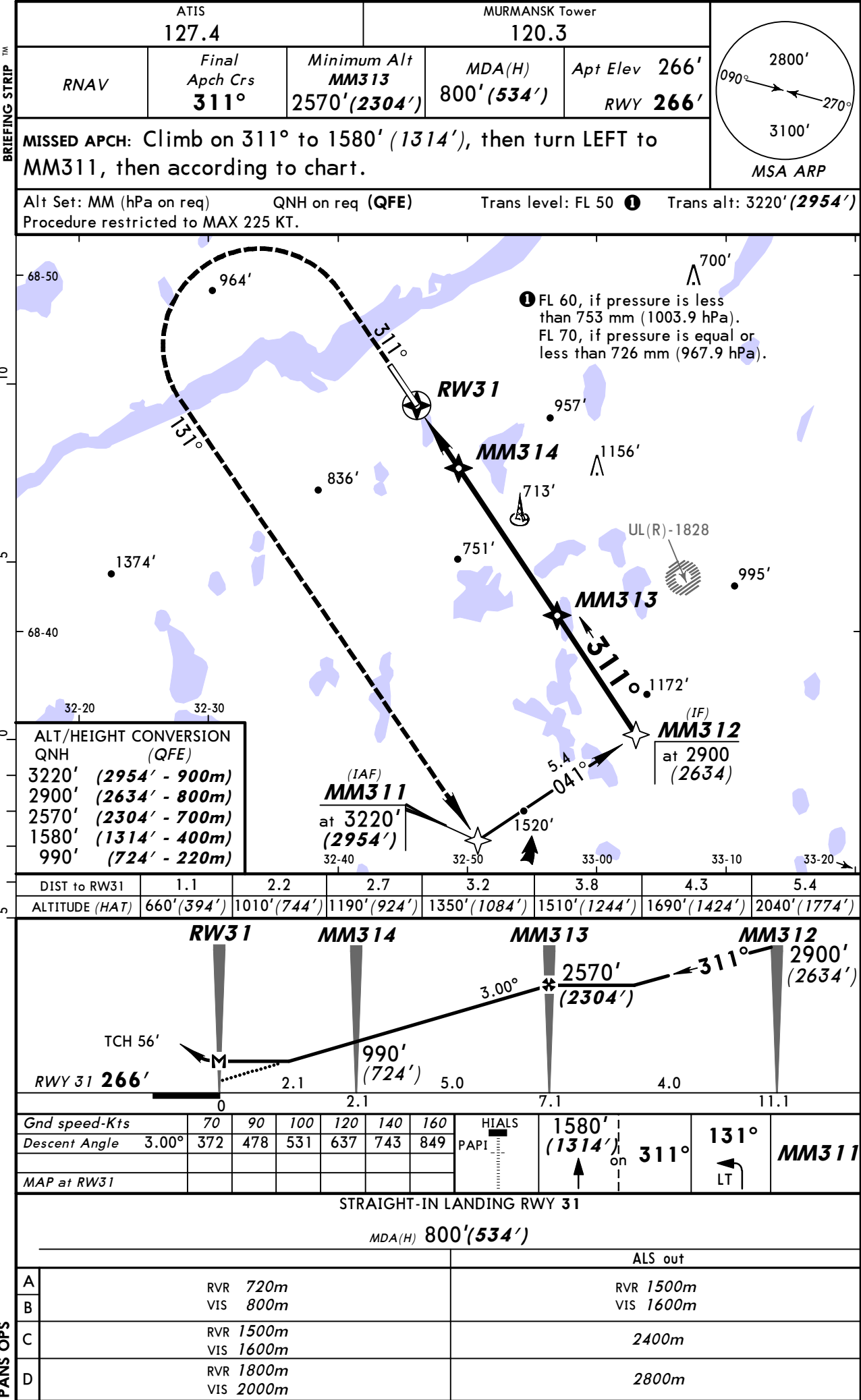
MURMANSK, RUSSIA
GNSS Rwy 13



ULMM/MMK
MURMANSK

JEPPESEN
26 DEC 14 (12-2) Eff 8 Jan

MURMANSK, RUSSIA
GNSS Rwy 31



MURMANSK, (MURMANSK - ULMM)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport ULMM