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Trip Kit Index

Airport Information For ULMM

Terminal Charts For ULMM

Revision Letter For Cycle 13-2016

Change Notices

Notebook

General Information

Location: MURMANSK RUS
ICAO/IATA: ULMM / MMK
Lat/Long: N68° 46.90', E032° 45.07'
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: 24 Hour Day
Sunset: Never

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

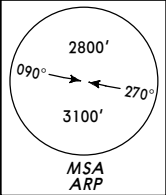
ULMM/MMK
MURMANSK

 **JEPPESSEN**
25 MAY 12 **10-2** **Eff 31 May**

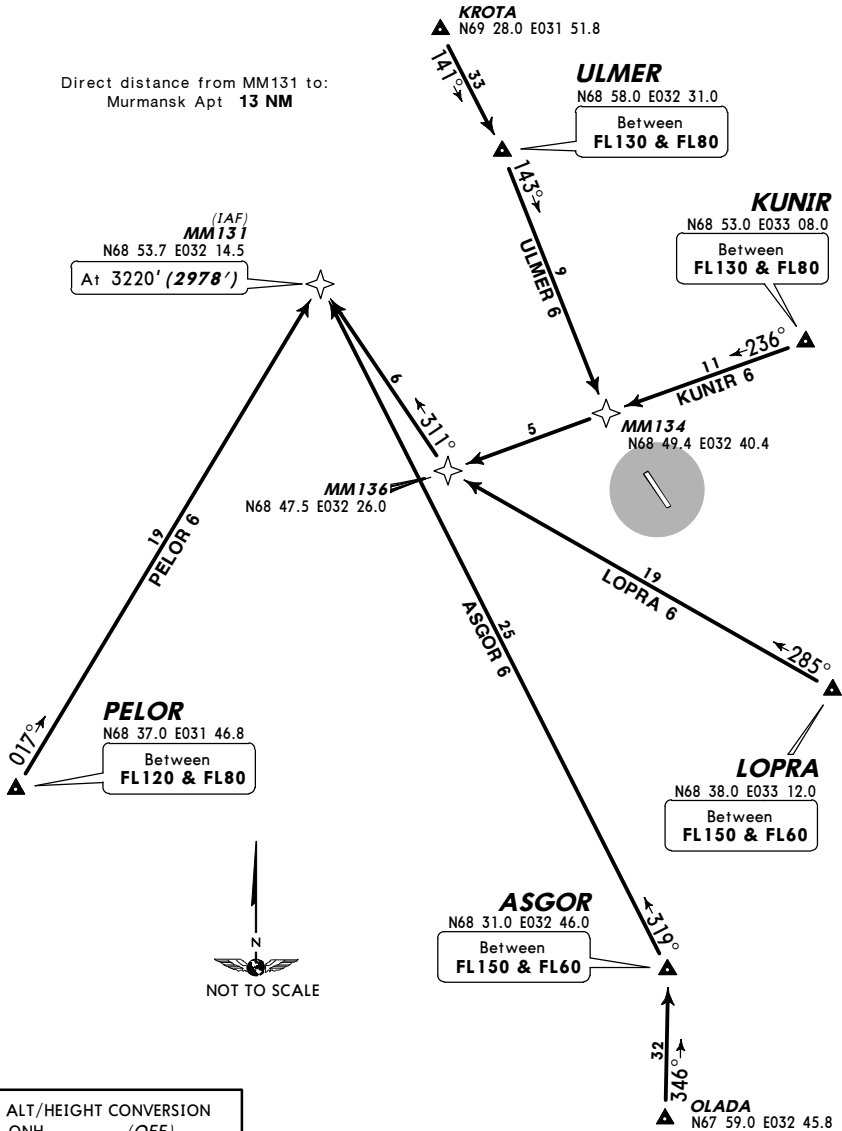
MURMANSK, RUSSIA
RNAV STAR

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')
---------------	------------------	---

ASGOR 6, KUNIR 6
LOPRA 6, PELOR 6, ULMER 6
RWY 13 RNAV ARRIVALS
RNAV (GNSS)



Direct distance from MM131 to:
Murmansk Apt **13 NM**



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

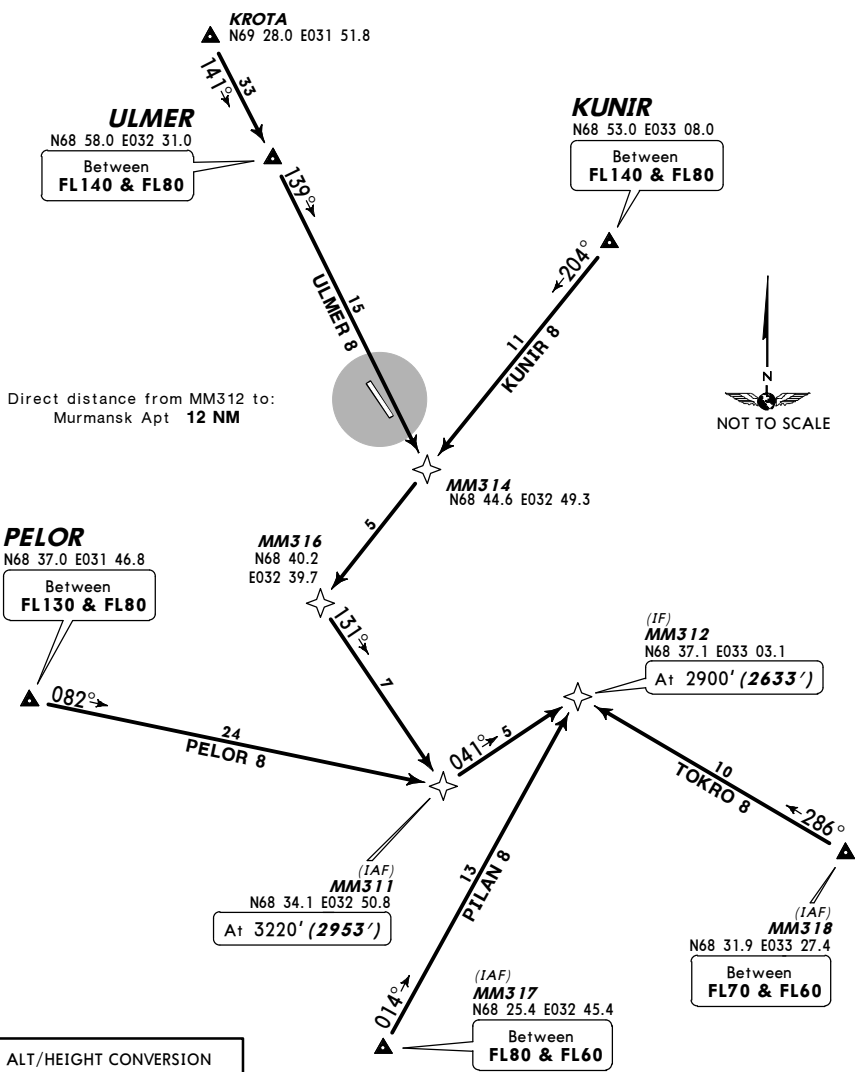
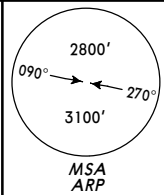
ULMM/MMK
MURMANSK

JEPPESSEN
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)



ALT/HEIGHT CONVERSION
QNH (QFE)
3220' (2953' - 900m)
2900' (2633' - 800m)

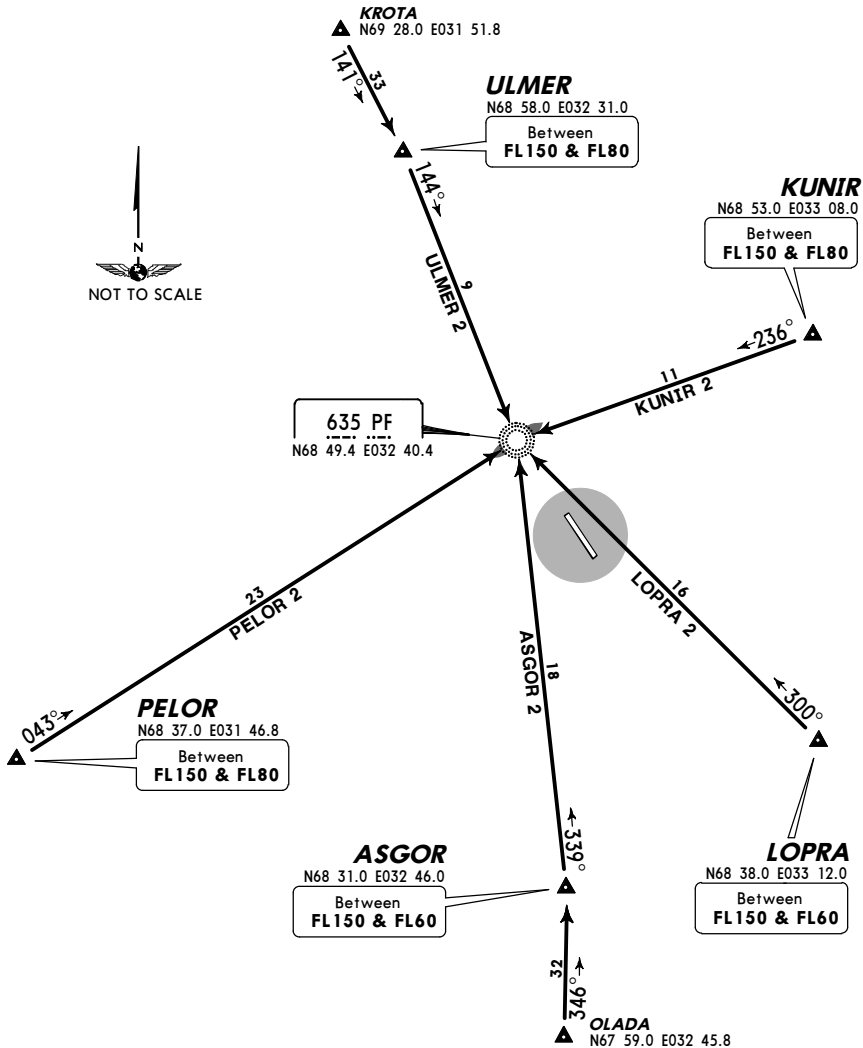
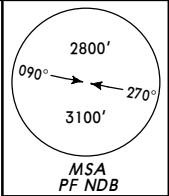
ULMM/MMK
MURMANSK

 **JEPPESSEN**
25 MAY 12 **(10-2B)** **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' (2978')
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**ASGOR 2, KUNIR 2
LOPRA 2, PELOR 2, ULMER 2
RWY 13 ARRIVALS**



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

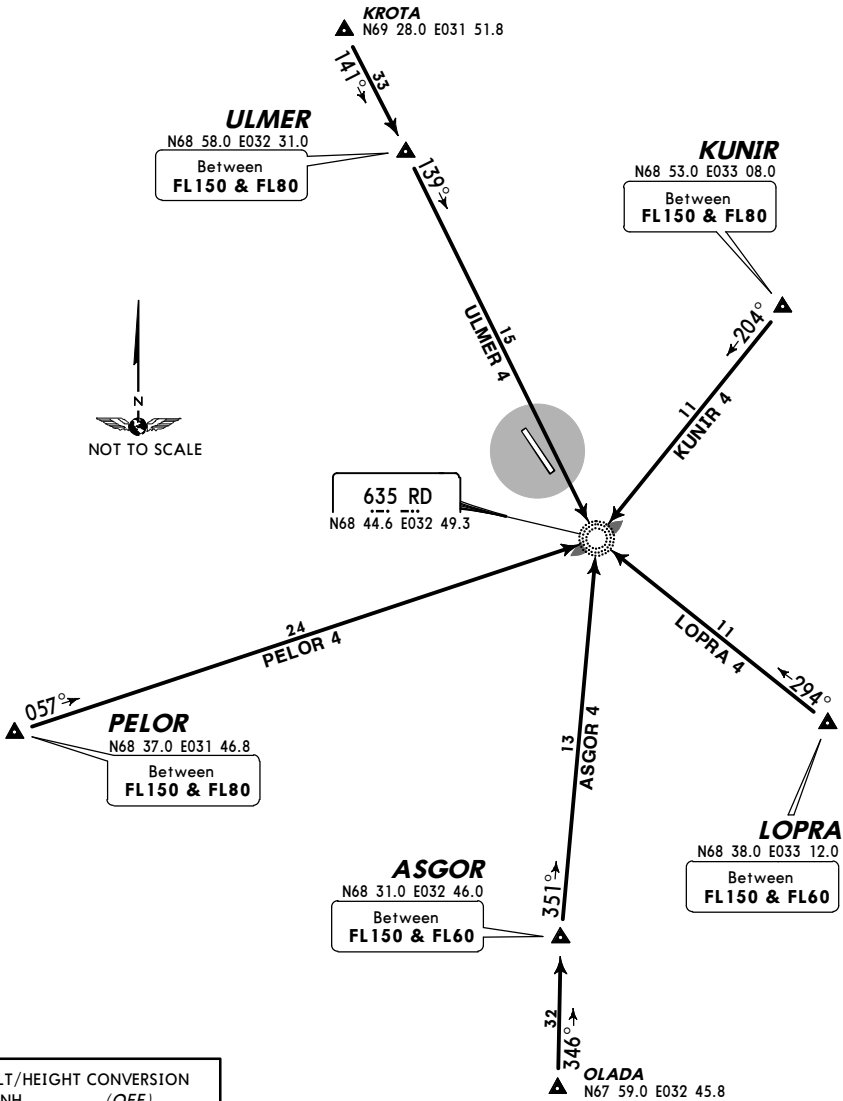
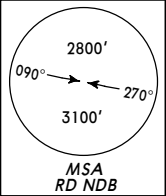
ULMM/MMK
MURMANSK

JEPPESSEN
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)

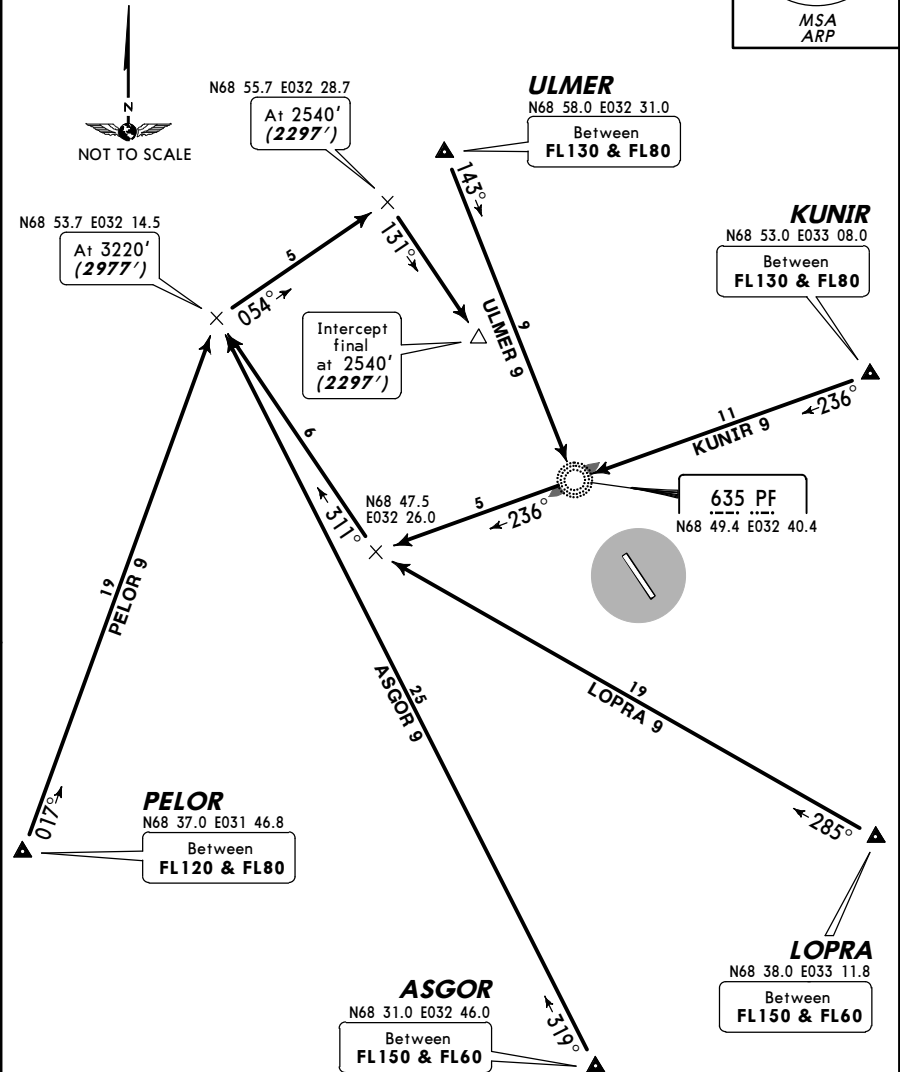
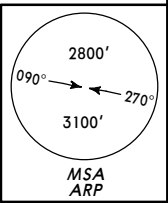
ULMM/MMK
MURMANSK

JEPPesen
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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ASGOR 9, KUNIR 9
LOPRA 9, PELOR 9, ULMER 9
RWY 13 ARRIVALS



ALT/HEIGHT CONVERSION
QNH (QFE)
3220' (2977' - 900m)
2540' (2297' - 700m)

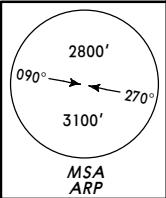
ULMM/MMK
MURMANSK

JEPPESSEN
13 FEB 15 (10-2E)

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' (2954')
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KUNIR 10 [KUNI10], PELOR 10 [PELO10]
PILAN 10 [PILA10], TOKRO 10 [TOKR10]
ULMER 10 [ULME10]
RWY 31 ARRIVALS



ULMER
N68 58.0 E032 31.0
Between
FL140 & FL80

KUNIR
N68 53.0 E033 08.0
Between
FL140 & FL80



635 RD
N68 44.6 E032 49.3

PELOR
N68 37.0 E031 46.8
Between
FL130 & FL80

Intercept final at
2570' (2304')

N68 37.1 E033 03.1
At 2900'
(2634')

N68 34.1 E032 50.8
At 3220'
(2954')

N68 31.9 E033 27.4
Between
FL70 & FL60

N68 25.4 E032 45.4
Between
FL80 & FL60

ALT/HEIGHT CONVERSION	
QNH	(QFE)
3220'	(2954' - 900m)
2900'	(2634' - 800m)
2570'	(2304' - 700m)

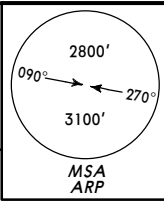
ULMM/MMK
MURMANSK

JEPPESSEN
25 MAY 12 10-3 Eff 31 May

MURMANSK, RUSSIA
RNAV SID

Apt Elev
262'

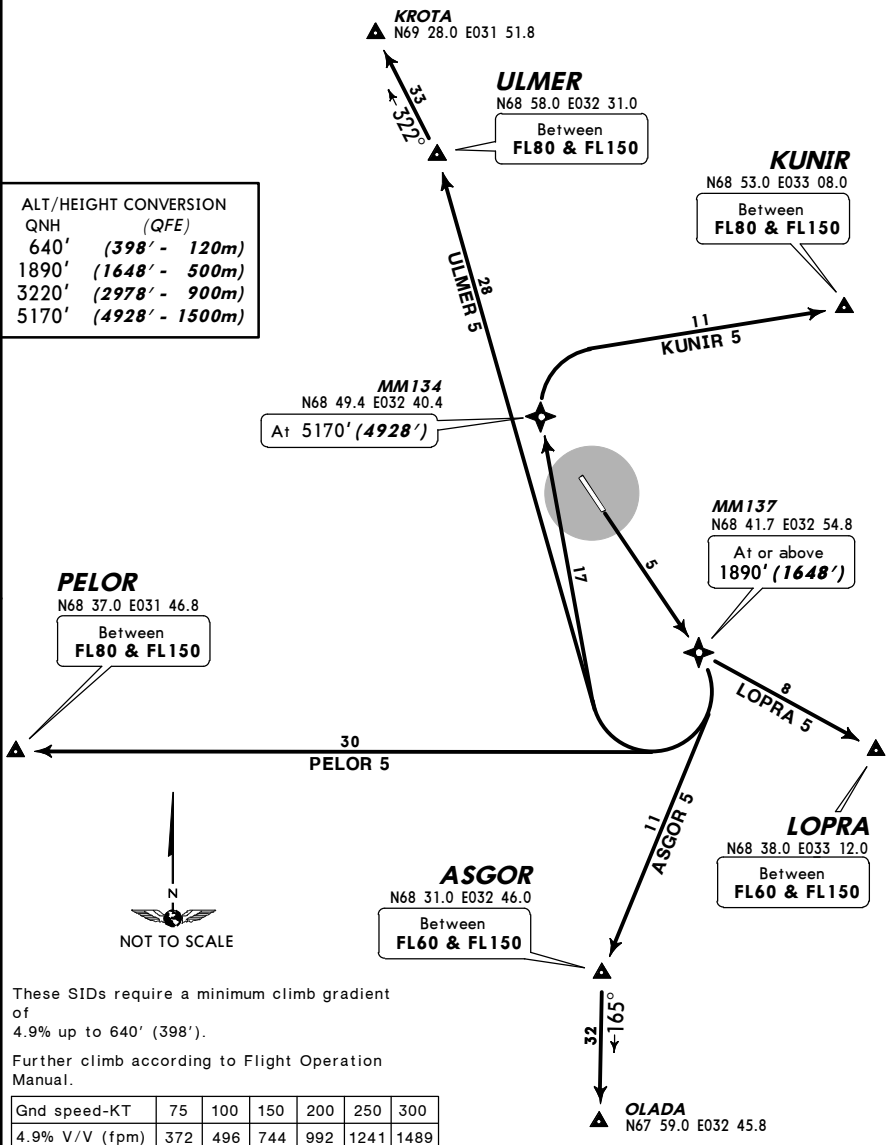
QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 753mm (1004.0 hPa)
FL70 if pressure is less than 726mm (968.0 hPa)
Trans alt: 3220' (2978')
If unable to reach assigned FL climb in the established rectangular traffic pattern and by ATC instruction.



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
MURMANSK

JEPPesen
25 MAY 12 (10-3A) Eff 31 May

MURMANSK, RUSSIA
RNAV SID

Apt Elev
262'

QNH on request (QFE)

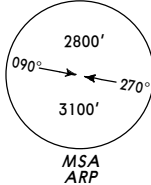
Trans level: FL50

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

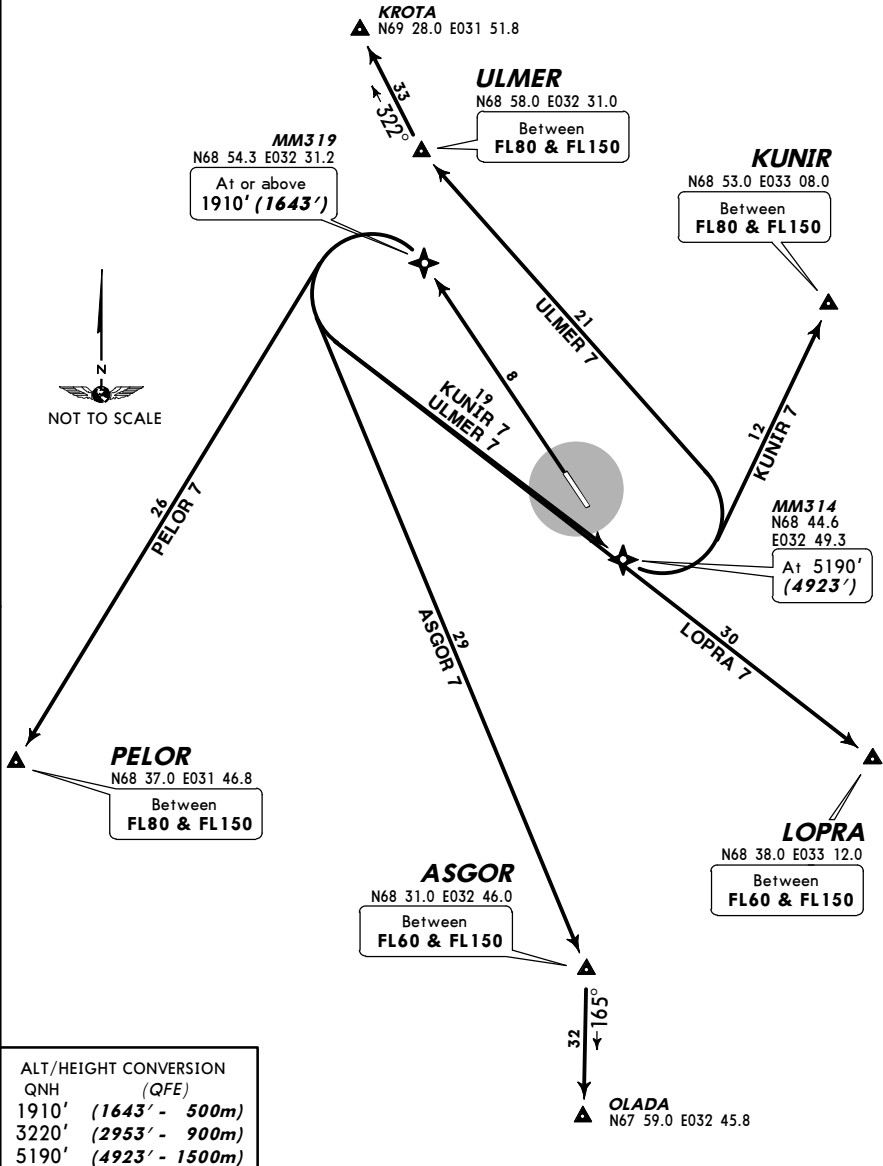
FL70 if pressure is less than 726mm (968.0 hPa)

Trans alt: 3220' (2953')

If unable to reach assigned FL climb in the established rectangular traffic pattern and by ATC instruction.



ASGOR 7, KUNIR 7
LOPRA 7, PELOR 7, ULMER 7
RWY 31 RNAV DEPARTURES
RNAV (GNSS)



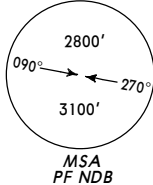
ULMM/MMK
MURMANSK

JEPPESSEN
25 MAY 12 (10-3B) Eff 31 May

MURMANSK, RUSSIA
SID

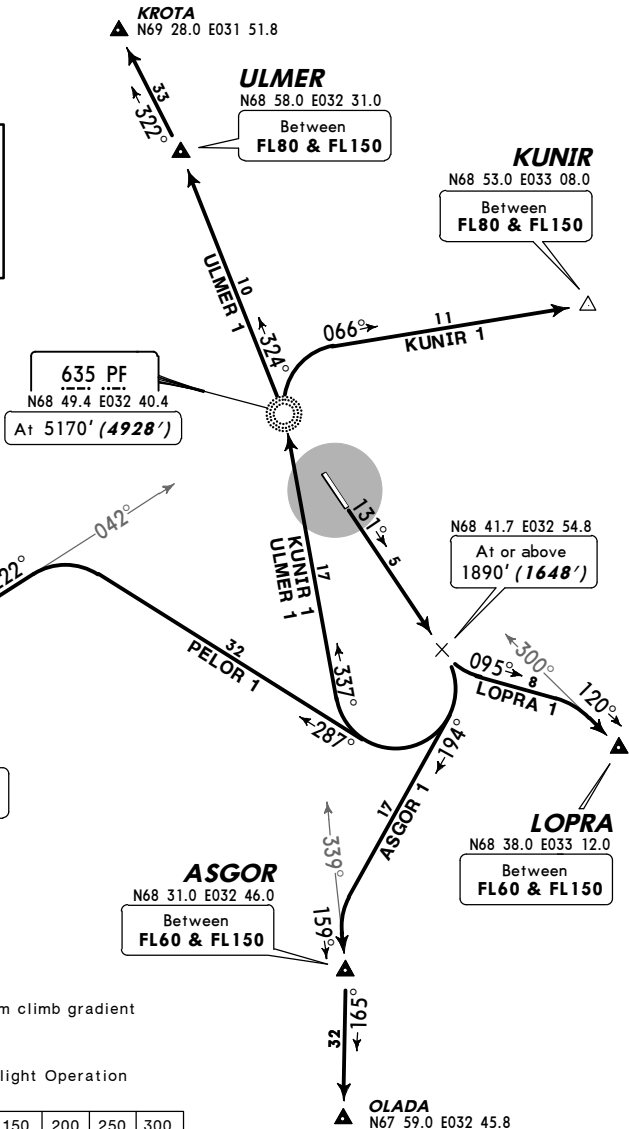
Apt Elev
262'

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

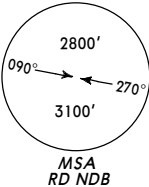
ULMM/MMK
MURMANSK

JEPPesen
25 MAY 12 (10-3C) Eff 31 May

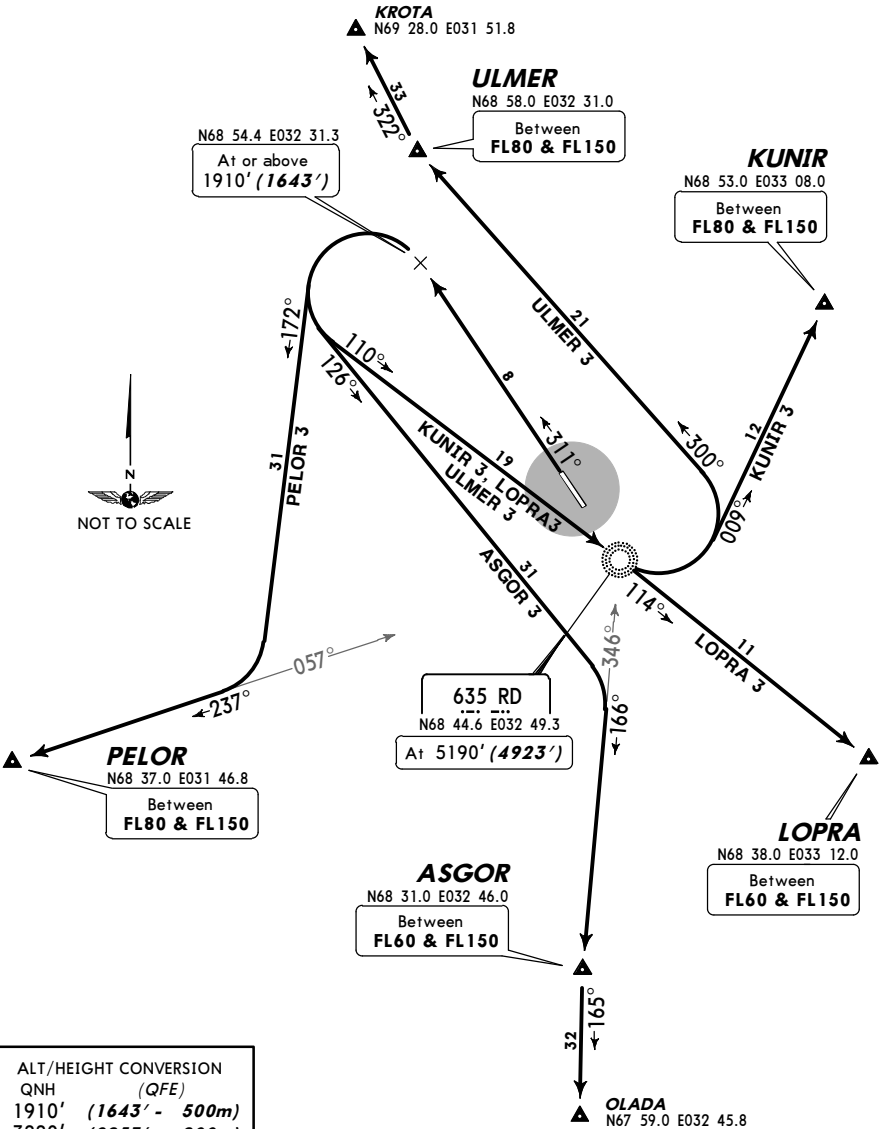
MURMANSK, RUSSIA
SID

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' (2953')
If unable to reach assigned FL climb in the established rectangular traffic pattern and by ATC instruction.



ASGOR 3, KUNIR 3
LOPRA 3, PELOR 3, ULMER 3
RWY 31 DEPARTURES

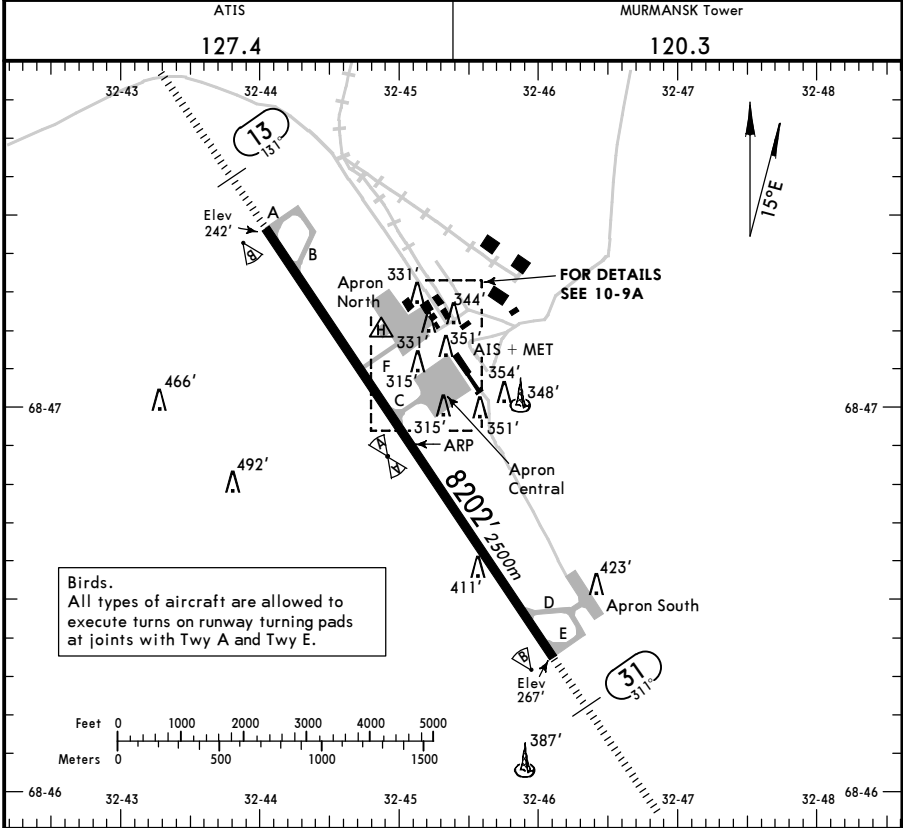


ALT/HEIGHT CONVERSION	
QNH	(QFE)
1910'	(1643' - 500m)
3220'	(2953' - 900m)
5190'	(4923' - 1500m)

ULMM/MMK
Apt Elev **266'**
N68 46.9 E032 45.1

JEPPESSEN
26 DEC 14 **(10-9)** Eff 8 Jan

MURMANSK, RUSSIA
MURMANSK



Birds.
All types of aircraft are allowed to execute turns on runway turning pads at joints with Twy A and Twy E.

ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS			TAKE-OFF	WIDTH
		LANDING BEYOND				
		Threshold	Glide Slope			
13 31	RL (60m) HIALS PAPI-L (angle 3.0°) RVR		7412' 2259m			138'
			7169' 2185m			42m

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

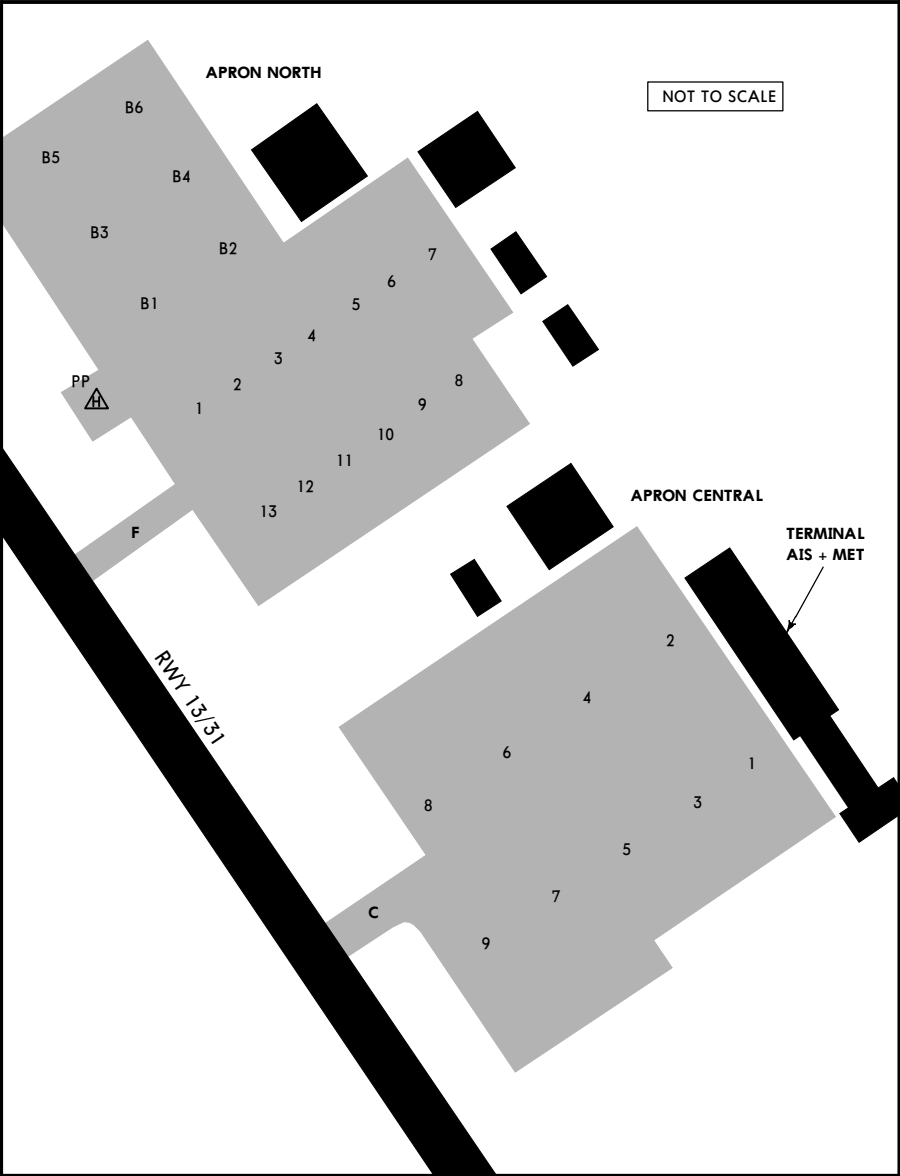
RCLM (DAY only)
or RL

A		
B	250m	400m
C		
D	300m	

ULMM/MMK

 **JEPPESSEN**
26 DEC 14 **(10-9A)** **Eff 8 Jan**

MURMANSK, RUSSIA
MURMANSK



On the APRON NORTH stands 1 thru 13 & B1 thru B6 for helicopters.
Twy F for towing only.

ULMM/MMK

Standard
MURMANSK, RUSSIA
MURMANSK

STRAIGHT-IN RWY		A	B	C	D
13	ILS	443'(200')	453'(210')	459'(216')	469'(226')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	GNSS ❶	600'(357')	600'(357')	600'(357')	600'(357')
		R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m
	NDB ❶	600'(357')	600'(357')	600'(357')	600'(357')
	with FAF	R900m	R900m	R900m	R900m
31	ALS out	R1500m	R1500m	R1600m	R1600m
	NDB	1440'(1197')	1440'(1197')	1440'(1197')	1440'(1197')
	w/o FAF	C4800m	C4800m	C5000m	C5000m
	ALS out	C5000m	C5000m	C5000m	C5000m
	ILS	466'(200')	466'(200')	469'(203')	479'(213')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	GNSS ❶	800'(534')	800'(534')	800'(534')	800'(534')
		R1500m	R1500m	R1700m	R1700m
	ALS out	R1500m	R1500m	C2400m	C2400m
	NDB ❶	800'(534')	800'(534')	800'(534')	800'(534')
	with FAF	R1500m	R1500m	R1700m	R1700m
	ALS out	R1500m	R1500m	C2400m	C2400m
	NDB	1430'(1164')	1430'(1164')	1430'(1164')	1430'(1164')
	w/o FAF	C4800m	C4800m	C5000m	C5000m
	ALS out	C5000m	C5000m	C5000m	C5000m

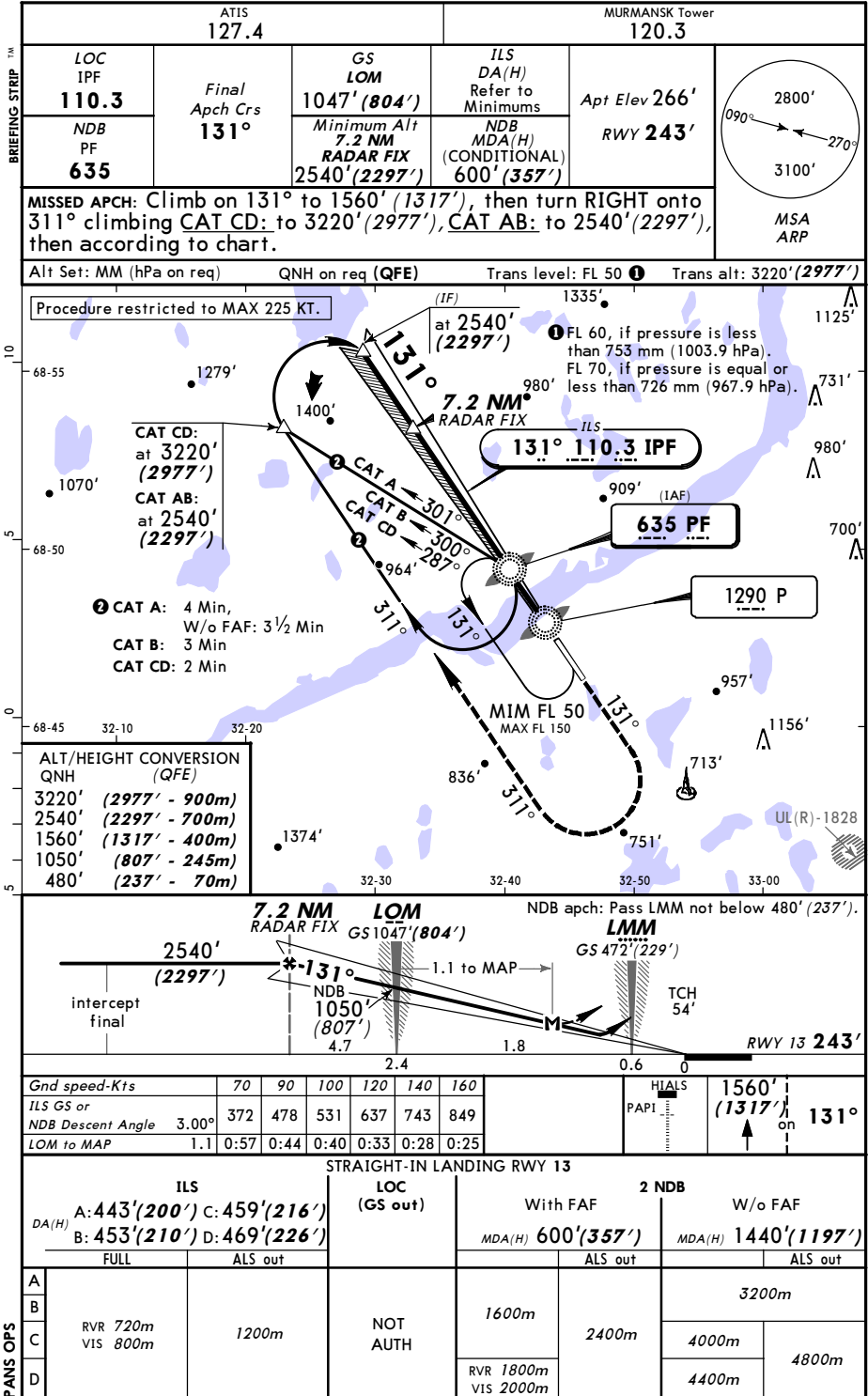
❶ Continuous Descent Final Approach.

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

ULMM/MMK
MURMANSK

JEPPesen
26 DEC 14
Eff 8 Jan (11-1)

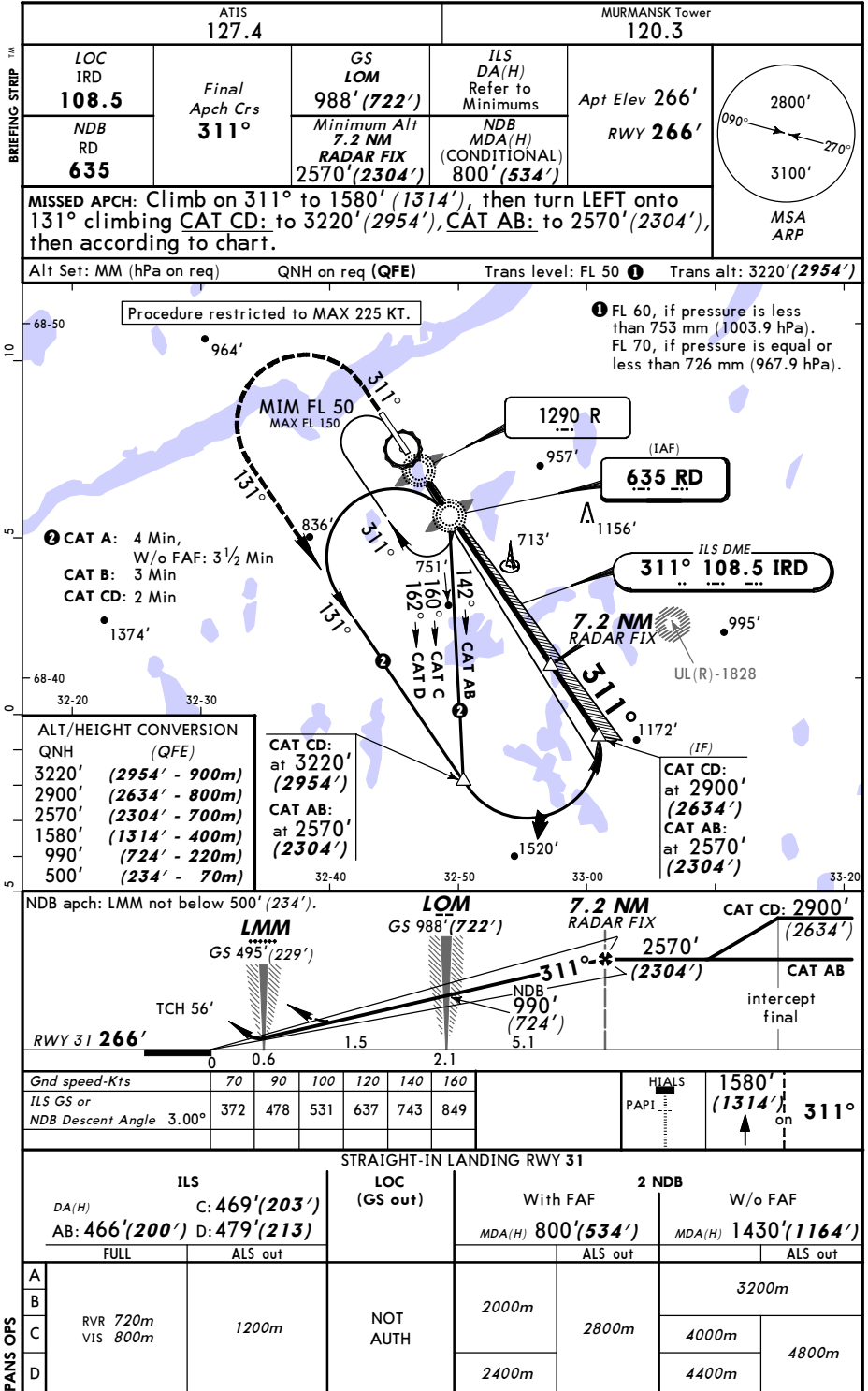
MURMANSK, RUSSIA
ILS or 2 NDB Rwy 13



ULMM/MMK
MURMANSK

26 DEC 14
Eff 8 Jan
JEPPesen
11-2

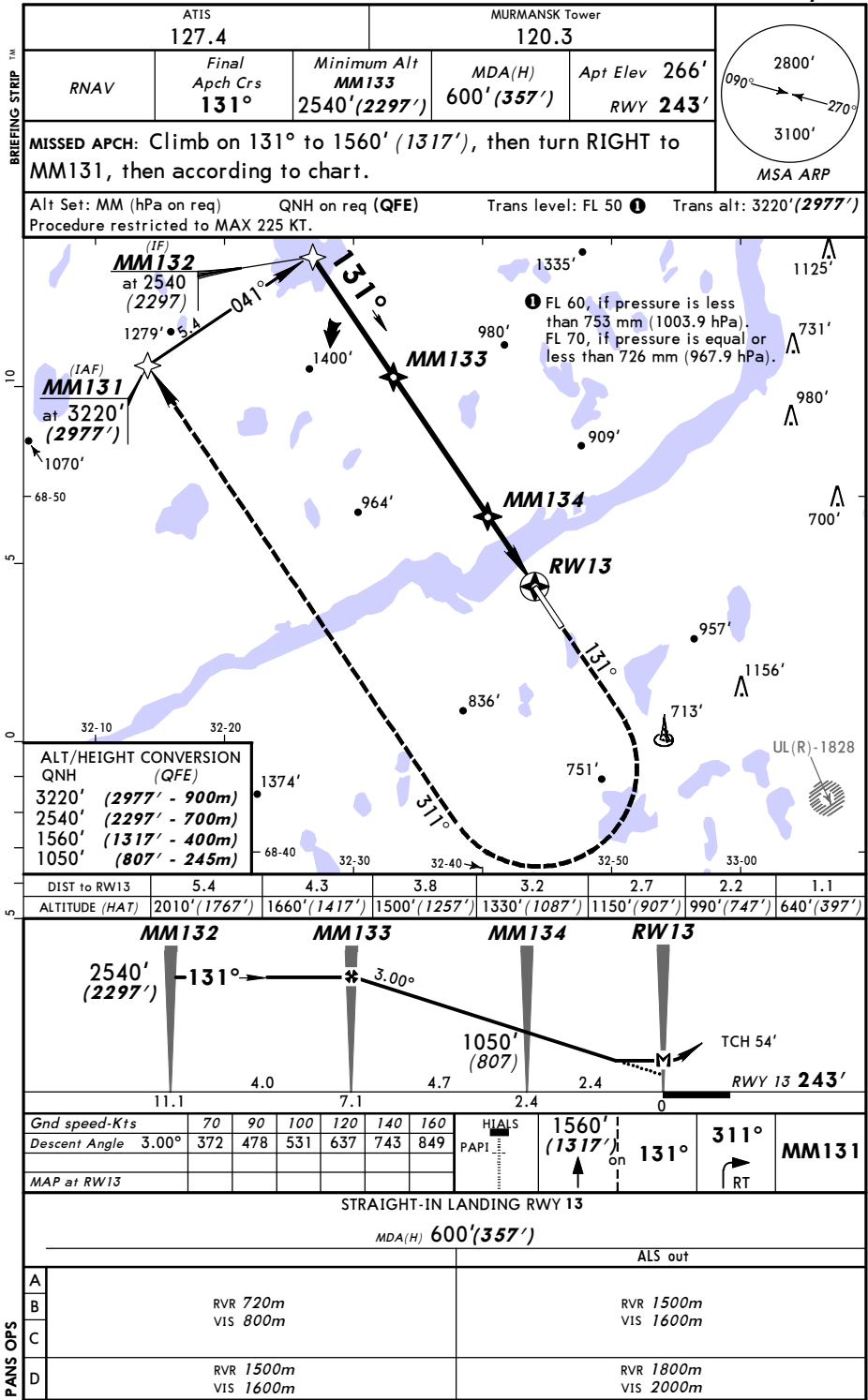
MURMANSK, RUSSIA
ILS or 2 NDB Rwy 31



ULMM/MMK
MURMANSK

JEPPesen
26 DEC 14 (12-1) Eff 8 Jan

MURMANSK, RUSSIA
GNSS Rwy 13



ULMM/MMK
MURMANSK

JEPPESSEN
26 DEC 14 12-2 Eff 8 Jan

MURMANSK, RUSSIA
GNSS Rwy 31

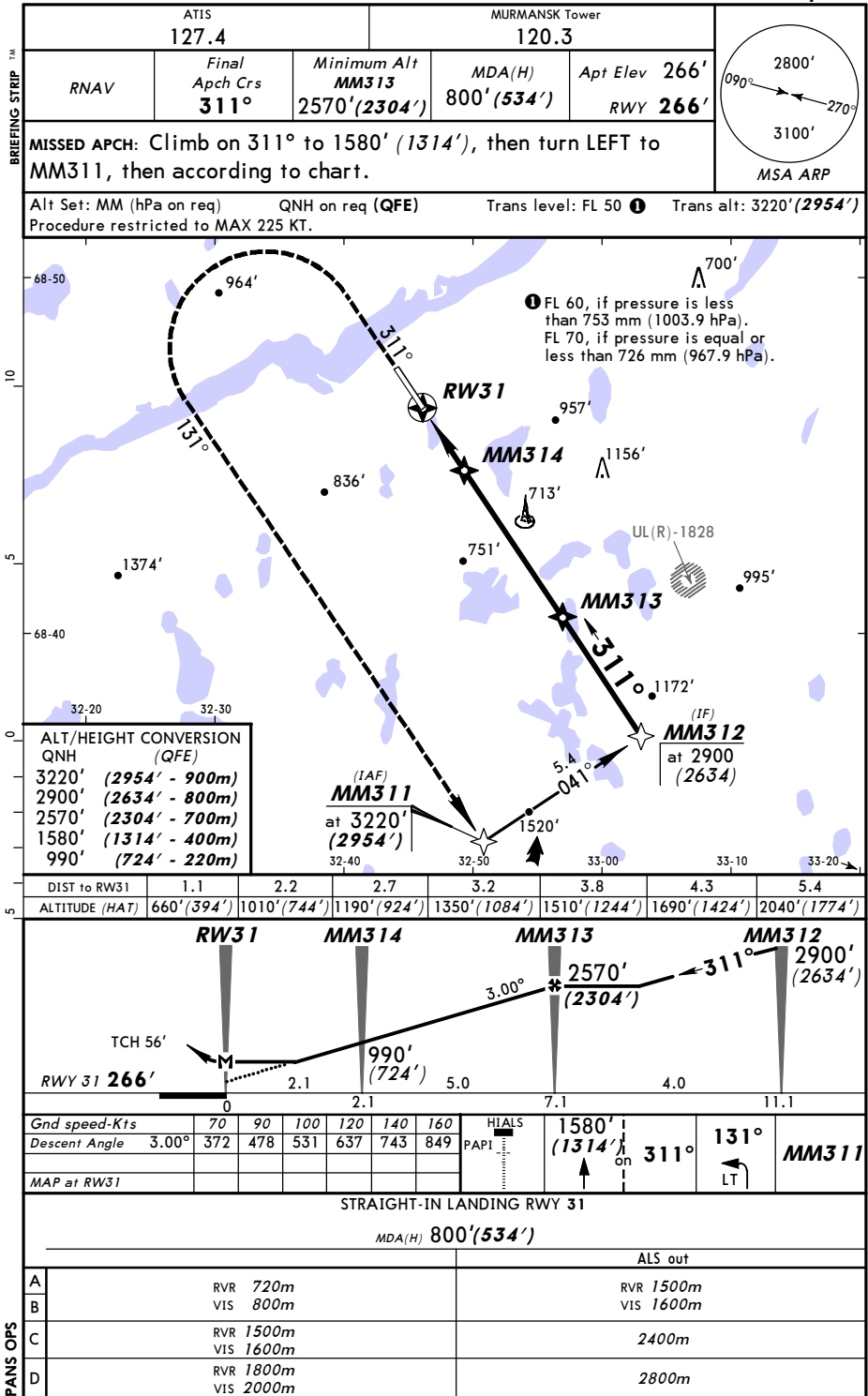


Chart changes since cycle 12-2016

ADD = added chart, REV = revised chart, DEL = deleted chart.
ACT PROCEDURE IDENT INDEX REV DATE EFF DATE

MURMANSK, (MURMANSK - ULMM)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport ULMM