

List of pages in this Trip Kit

Trip Kit Index

Airport Information For UHSM

Terminal Charts For UHSM

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: YUZHNO-KURILSK RUS
ICAO/IATA: UHSM / DEE
Lat/Long: N43° 57.7', E145° 41.1'
Elevation: 709 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -11:00 = UTC
Magnetic Variation: 9.0° W

Customs: No
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 1858 Z
Sunset: 0929 Z

Runway Information

Runway: 01
Length x Width: 6745 ft x 118 ft
Surface Type: concrete
TDZ-Elev: 614 ft
Lighting: Edge, ALS

Runway: 19
Length x Width: 6745 ft x 118 ft
Surface Type: concrete
TDZ-Elev: 708 ft
Lighting: Edge

Communication Information

Borovik Vyshka Tower: 314.000 Non-English
Borovik Vyshka Tower: 128.000 Non-English
Borovik Vyshka Tower: 555.200 Non-English
Borovik Vyshka Tower: 480.500 Secondary Non-English

UHSM/DEE
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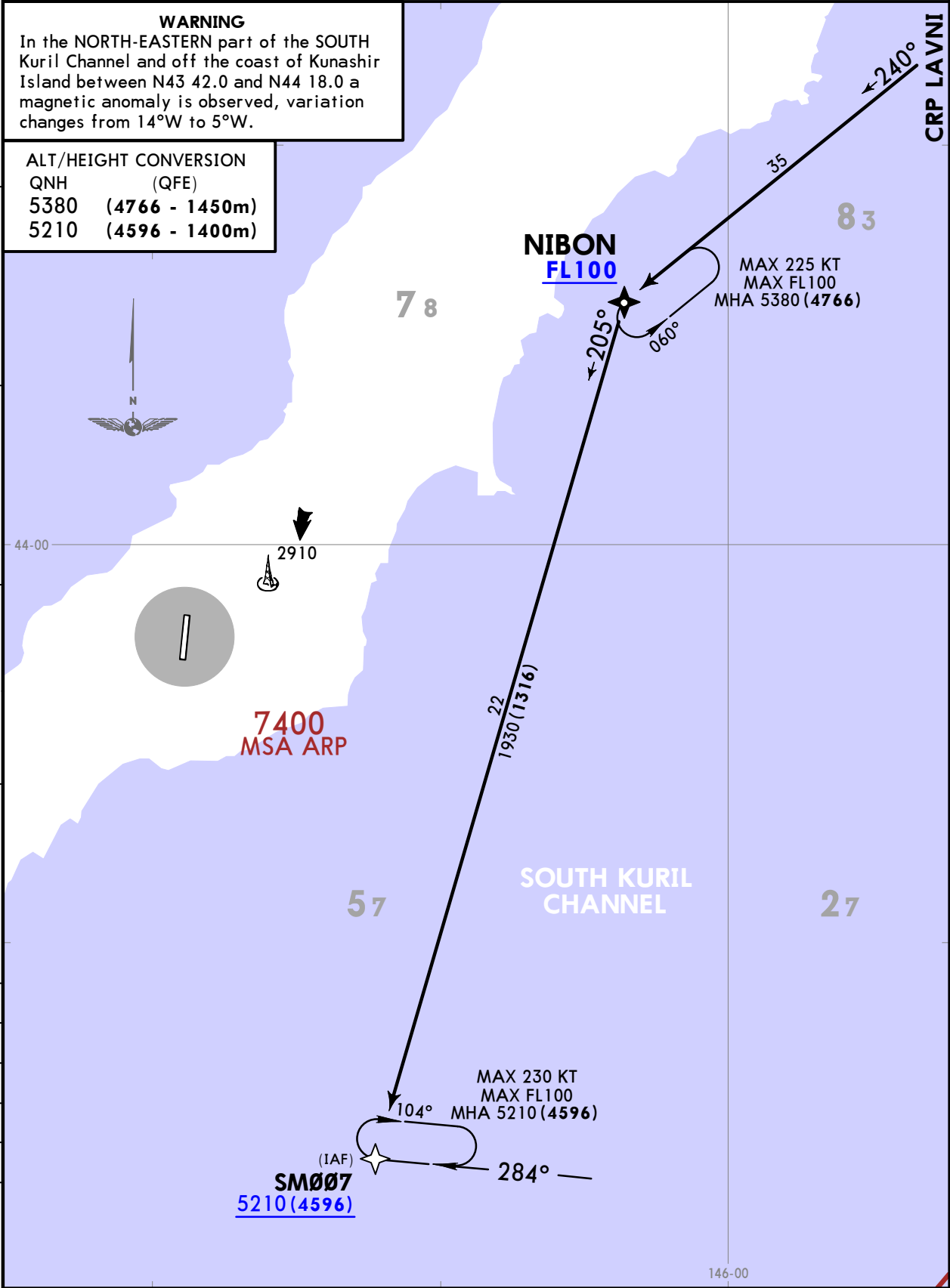
JEPPESSEN YUZHNO-KURILSK, RUSSIA
29 DEC 17 10-2 Eff 4 Jan RNAV STAR

Apt Elev 709	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL90 FL100 if pressure is less than 740mm (986.6 hPa) FL110 if pressure is less than 713mm (950.6 hPa) 1. GNSS required. 2. RNAV 1.
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NIBON 1D [NIB01D]
RWY 01 RNAV ARRIVAL
FOR RUSSIAN USERS ONLY

WARNING
In the NORTH-EASTERN part of the SOUTH Kuril Channel and off the coast of Kunashir Island between N43 42.0 and N44 18.0 a magnetic anomaly is observed, variation changes from 14°W to 5°W.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5380	(4766 - 1450m)
5210	(4596 - 1400m)



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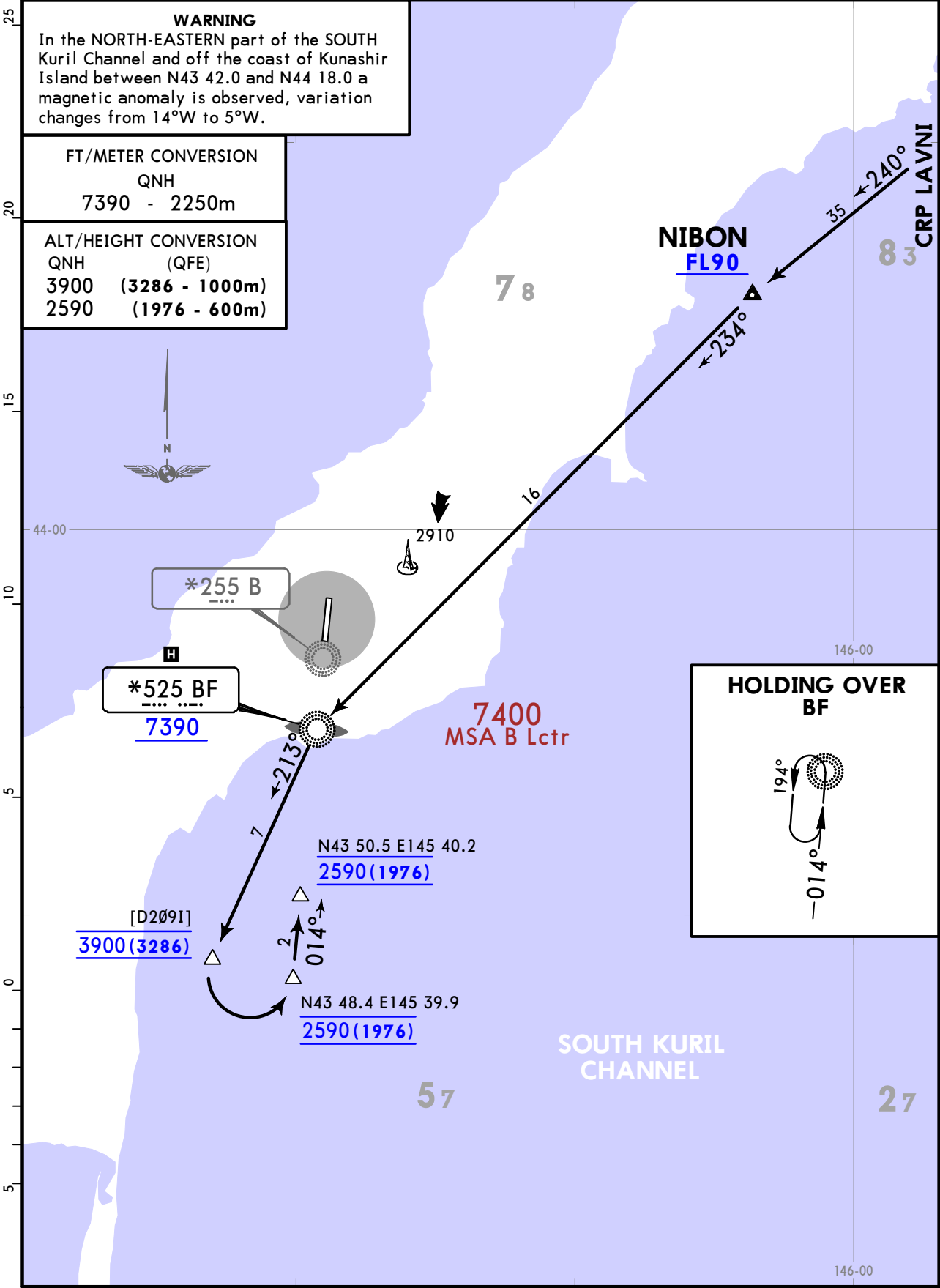
JEPPESSEN YUZHNO-KURILSK, RUSSIA
29 DEC 17 10-2B Eff 4 Jan STAR

Apt Elev 709	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL90 FL100 if pressure is less than 740mm (986.6 hPa) FL110 if pressure is less than 713mm (950.6 hPa)
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NIBON 2A [NIB02A]
RWY 01 ARRIVAL
FOR RUSSIAN USERS ONLY

WARNING
In the NORTH-EASTERN part of the SOUTH Kuril Channel and off the coast of Kunashir Island between N43 42.0 and N44 18.0 a magnetic anomaly is observed, variation changes from 14°W to 5°W.

FT/METER CONVERSION	
QNH	
7390	- 2250m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3900	(3286 - 1000m)
2590	(1976 - 600m)



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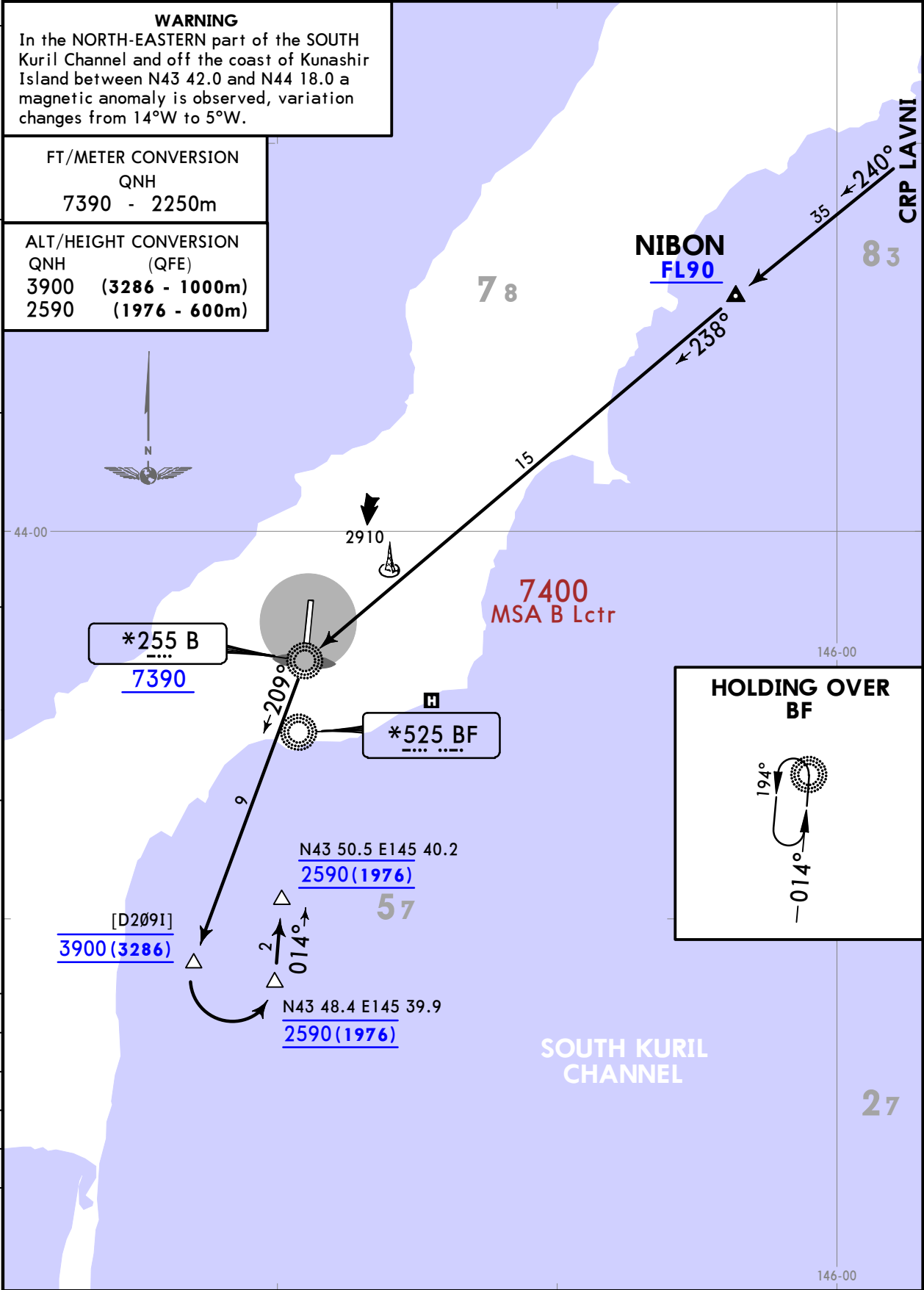
JEPPesen YUZHNO-KURILSK, RUSSIA
29 DEC 17 10-2C Eff 4 Jan STAR

Apt Elev 709	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL90 FL100 if pressure is less than 740mm (986.6 hPa) FL110 if pressure is less than 713mm (950.6 hPa)
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NIBON 2B [NIB02B]
RWY 01 ARRIVAL
FOR RUSSIAN USERS ONLY

WARNING
In the NORTH-EASTERN part of the SOUTH Kuril Channel and off the coast of Kunashir Island between N43 42.0 and N44 18.0 a magnetic anomaly is observed, variation changes from 14°W to 5°W.

FT/METER CONVERSION	
QNH	
7390 - 2250m	
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3900	(3286 - 1000m)
2590	(1976 - 600m)



STAR

STAR

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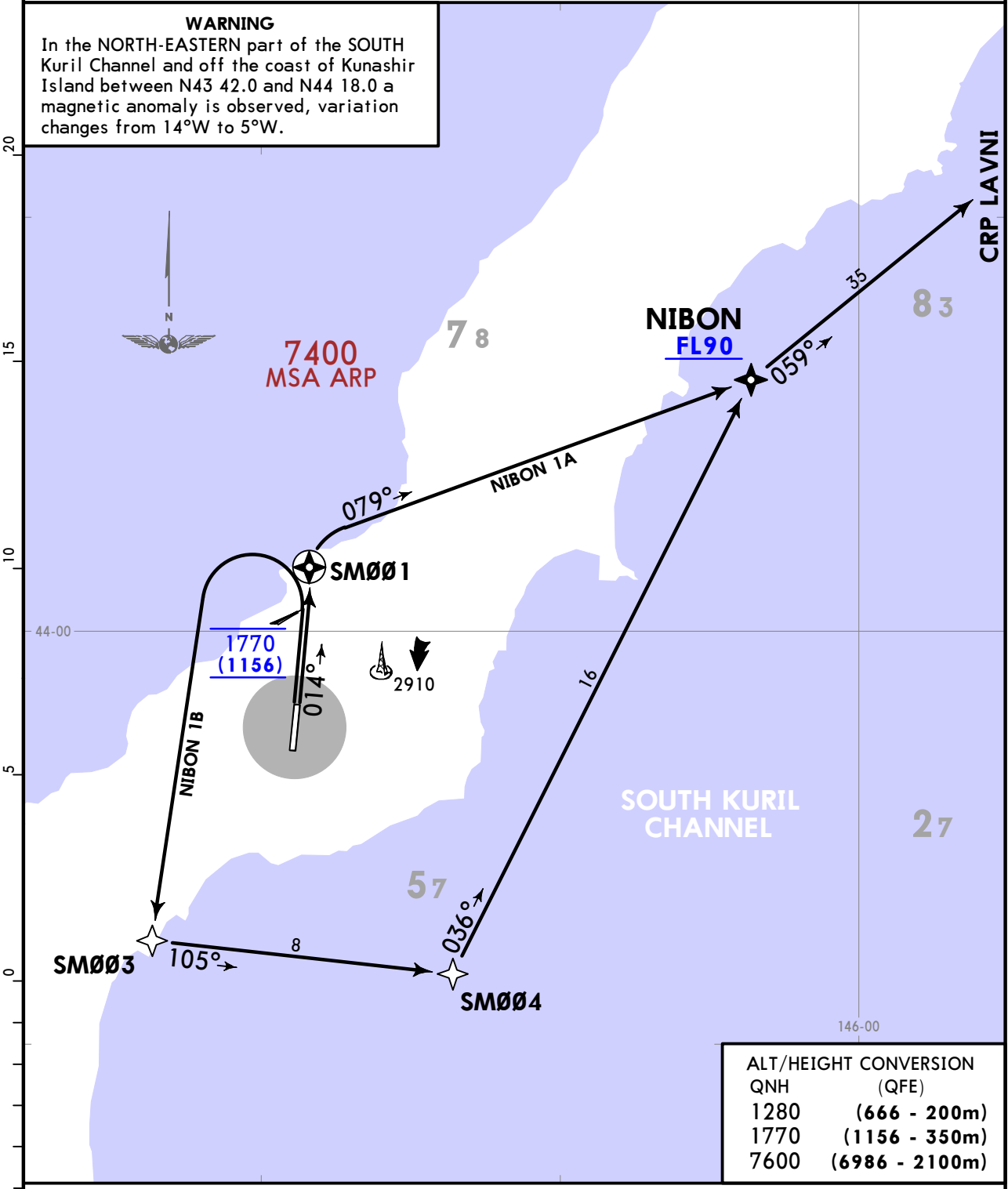
JEPPESSEN YUZHNO-KURILSK, RUSSIA
29 DEC 17 10-3 Eff 4 Jan RNAV SID

Apt Elev
709

- QNH on request (QFE)
Trans alt: 7600 (6986)
1. GNSS required.
2. RNAV 1.
3. EXPECT close-in obstacles.
4. NIBON 1B: Turn before DER PROHIBITED.

NIBON 1A [NIB01A]
NIBON 1B [NIB01B]
RWY 01 RNAV DEPARTURES
FOR RUSSIAN USERS ONLY

WARNING
In the NORTH-EASTERN part of the SOUTH Kuril Channel and off the coast of Kunashir Island between N43 42.0 and N44 18.0 a magnetic anomaly is observed, variation changes from 14°W to 5°W.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1280	(666 - 200m)
1770	(1156 - 350m)
7600	(6986 - 2100m)

These SIDs require minium climb gradients of
NIBON 1A: 9.0% up to FL90.
NIBON 1B: 4.9% up to 1280 (666).

Gnd speed-KT	75	100	150	200	250	300
4.9% V/V (fpm)	372	496	744	992	1241	1489
9.0% V/V (fpm)	684	911	1367	1823	2279	2734

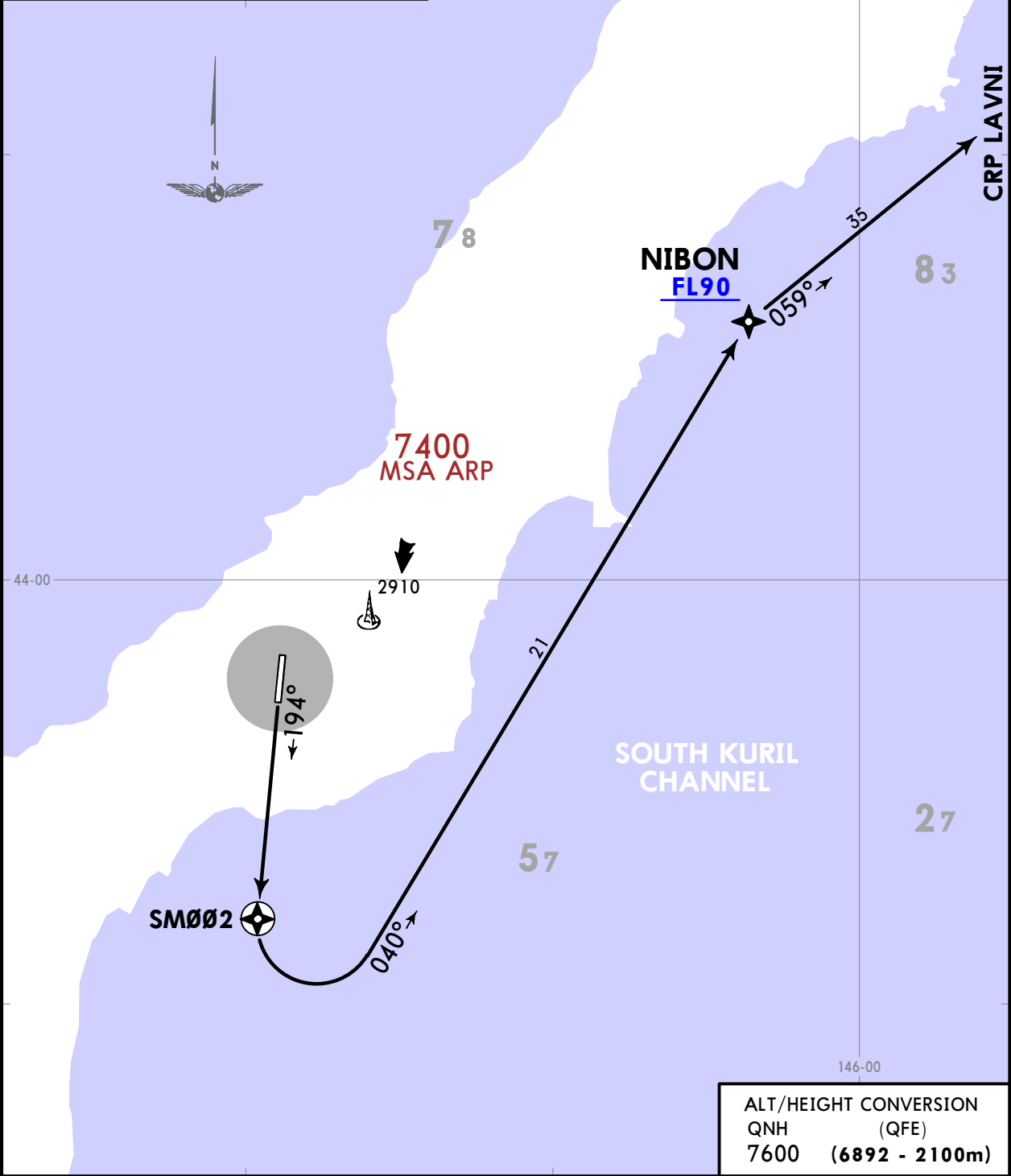
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JEPPESSEN YUZHNO-KURILSK, RUSSIA
29 DEC 17 10-3A Eff 4 Jan RNAV SID

Apt Elev 709	QNH on request (QFE) Trans alt: 7600 (6892) 1. GNSS required. 2. RNAV 1.
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NIBON 1C [NIB01C]
RWY 19 RNAV DEPARTURE
FOR RUSSIAN USERS ONLY

WARNING
In the NORTH-EASTERN part of the SOUTH Kuril Channel and off the coast of Kunashir Island between N43 42.0 and N44 18.0 a magnetic anomaly is observed, variation changes from 14°W to 5°W.



This SID requires a minimum climb gradient of 4.9% up to FL90.	Gnd speed-KT	75	100	150	200	250	300
	4.9% V/V (fpm)	372	496	744	992	1241	1489

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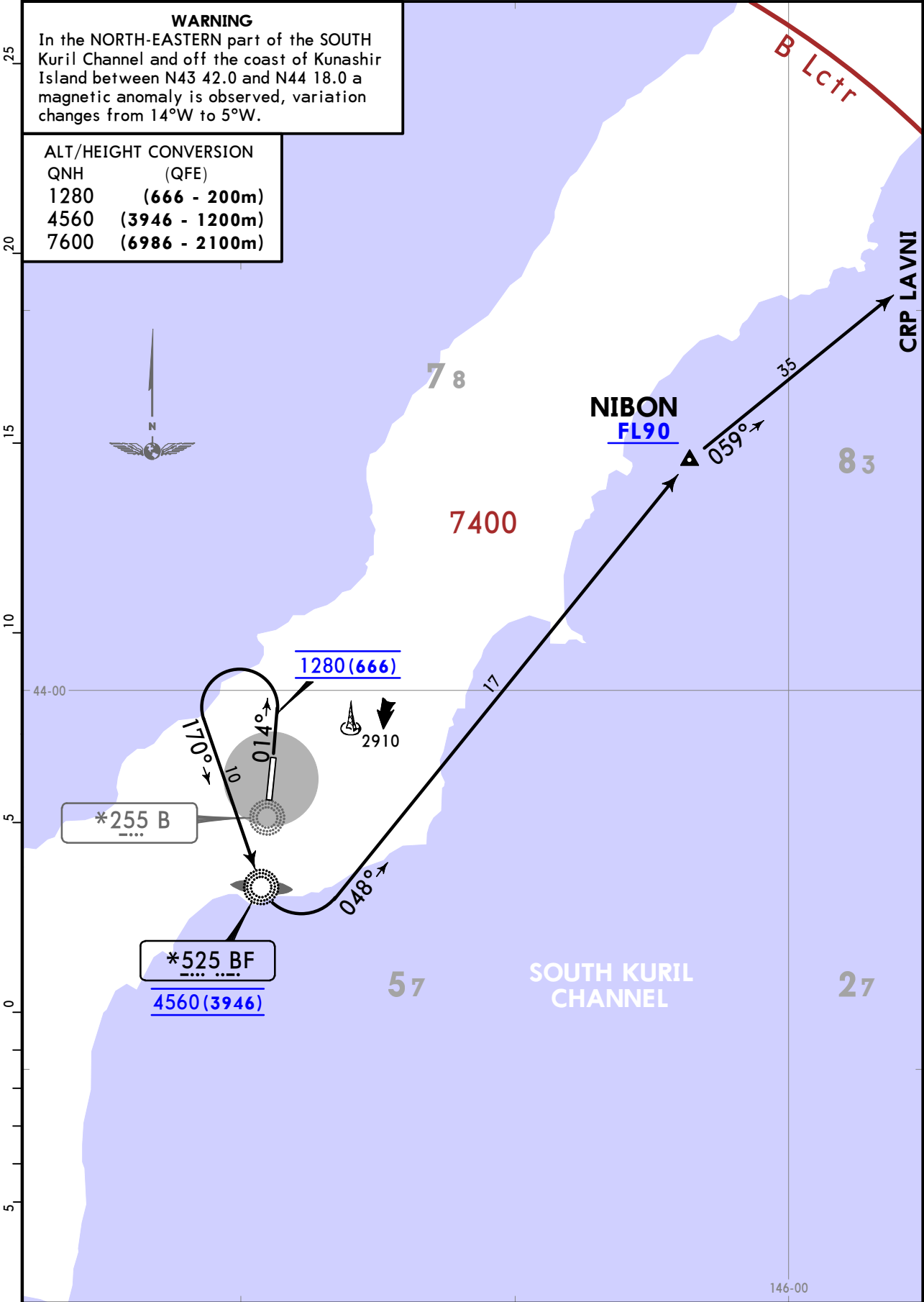
JEPPESSEN YUZHNO-KURILSK, RUSSIA
29 DEC 17 10-3B Eff 4 Jan SID

Apt Elev 709	QNH on request (QFE) Trans alt: 7600 (6986)
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NIBON 1
RWY 01 DEPARTURE
FOR RUSSIAN USERS ONLY

WARNING
In the NORTH-EASTERN part of the SOUTH Kuril Channel and off the coast of Kunashir Island between N43 42.0 and N44 18.0 a magnetic anomaly is observed, variation changes from 14°W to 5°W.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
1280	(666 - 200m)
4560	(3946 - 1200m)
7600	(6986 - 2100m)



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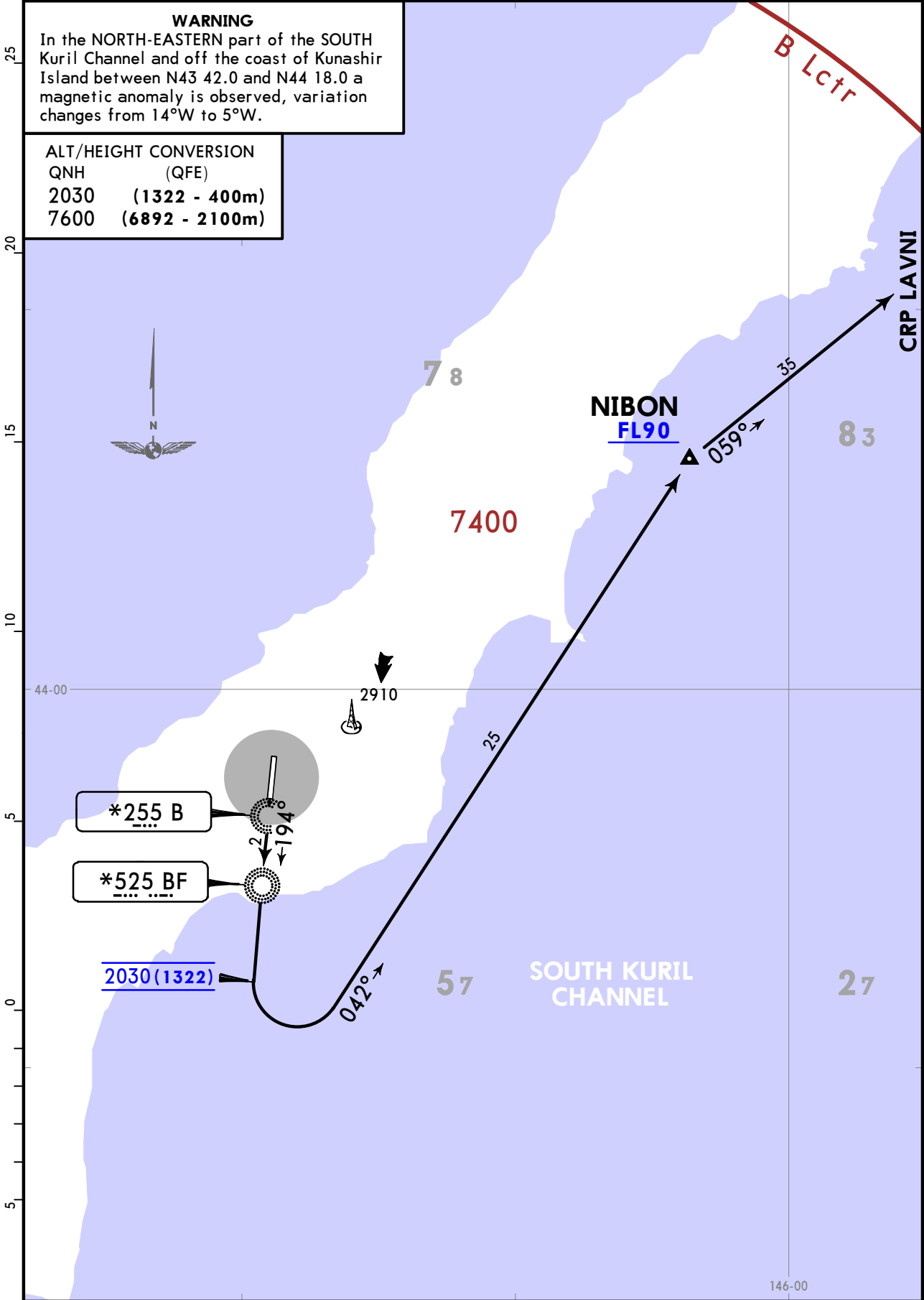
 **JEPPESSEN** YUZHNO-KURILSK, RUSSIA
29 DEC 17 **10-3C** Eff 4 Jan **SID**

Apt Elev 709	QNH on request (QFE) Trans alt: 7600 (6892)
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NIBON 3
RWY 19 DEPARTURE
FOR RUSSIAN USERS ONLY

WARNING
In the NORTH-EASTERN part of the SOUTH Kuril Channel and off the coast of Kunashir Island between N43 42.0 and N44 18.0 a magnetic anomaly is observed, variation changes from 14°W to 5°W.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2030	(1322 - 400m)
7600	(6892 - 2100m)



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Apt Elev **709'**
N43 57.7 E145 41.1



JEPPESSEN

YUZHNO-KURILSK, RUSSIA

22 DEC 17

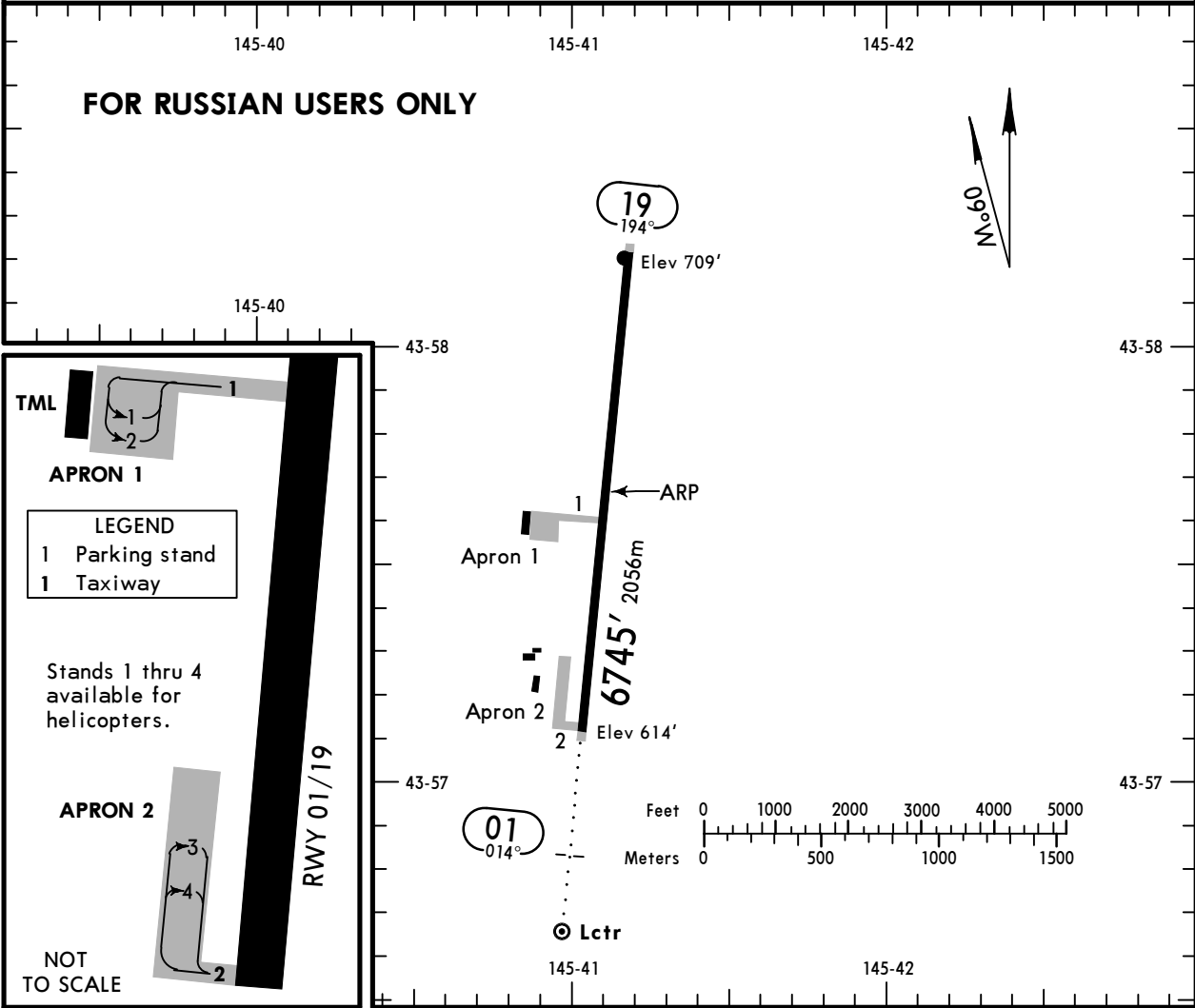
10-9

Eff 4 Jan

MENDELEYEVO

*BOROVIK Vyshka (TWR)

128.0 Russian only



ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS		TAKE-OFF	WIDTH
				LANDING BEYOND			
				Threshold	Glide Slope		
01	RL(59m)	ALS	PAPI(angle 2.67°)				118'
19	RL(59m)						36m

TAKE-OFF

AIR CARRIER (JAA)

All Rwy's

LVP must be in force

RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A

250m

B

400m

C

NOT APPLICABLE

D

UHSM/DEE



Standard
YUZHNO-KURILSK, RUSSIA
MENDELEYEVO

STRAIGHT-IN RWY		A	B	C	D
01	GLS	834'(220')	844'(230')	NOT APPLICABLE	NOT APPLICABLE
	FULL	R1000m	R1000m		
	ALS out	R1200m	R1200m	NOT APPLICABLE	NOT APPLICABLE
	RNAV (GNSS)	1200'(586')	1200'(586')		
2 NDB, BF NDB, B Lctr ❶		R1500m	R1500m	NOT APPLICABLE	NOT APPLICABLE
		1160'(546')	1160'(546')		
		R1500m	R1500m	NOT APPLICABLE	NOT APPLICABLE
		1160'(546')	1160'(546')		
19	GLS	915'(207')	925'(217')	NOT APPLICABLE	NOT APPLICABLE
	FULL	R1200m	R1200m		
	ALS out	R1500m	R1500m	NOT APPLICABLE	NOT APPLICABLE
	RNAV (GNSS)	1530'(822')	1530'(822')		
2 NDB, BF NDB, B Lctr ❶		1920'(1212')	1920'(1212')	NOT APPLICABLE	NOT APPLICABLE
		C2500m	C2500m		
		C2700m	C2700m	NOT APPLICABLE	NOT APPLICABLE
		1160'(546')	1160'(546')		

❶ Continuous Descent Final Approach.

CIRCLE-TO-LAND ❷ ❸	100 KT	135 KT	C	D
	2060'(1351')	2060'(1351')	NOT AUTH	NOT AUTH
	V1500m	V1600m		

- ❷ Prohibited East of airport.
- ❸ After NDB approaches: NOT APPLICABLE.

TAKE-OFF RWY 01, 19			
LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C	NOT APPLICABLE		
D			

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 **JEPPESSEN**

22 DEC 17
Eff 4 Jan

12-1

CAT A & B

YUZHNO-KURILSK, RUSSIA
RNAV (GNSS) Rwy 01

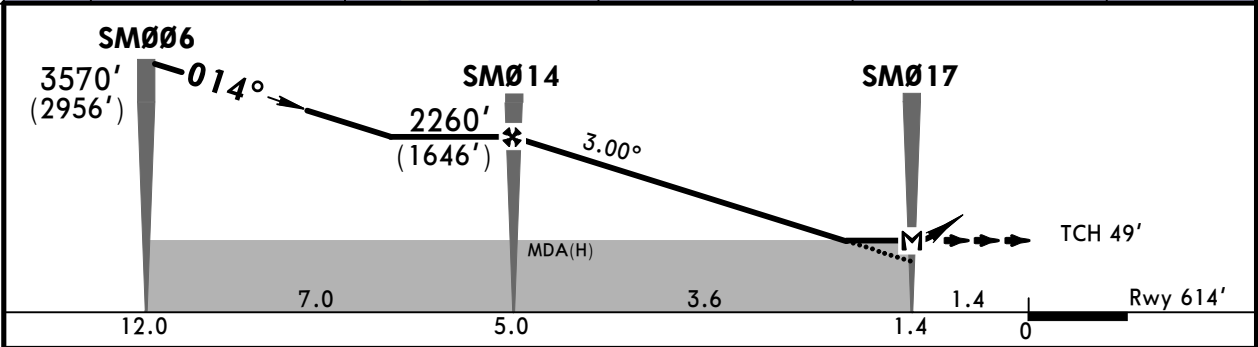
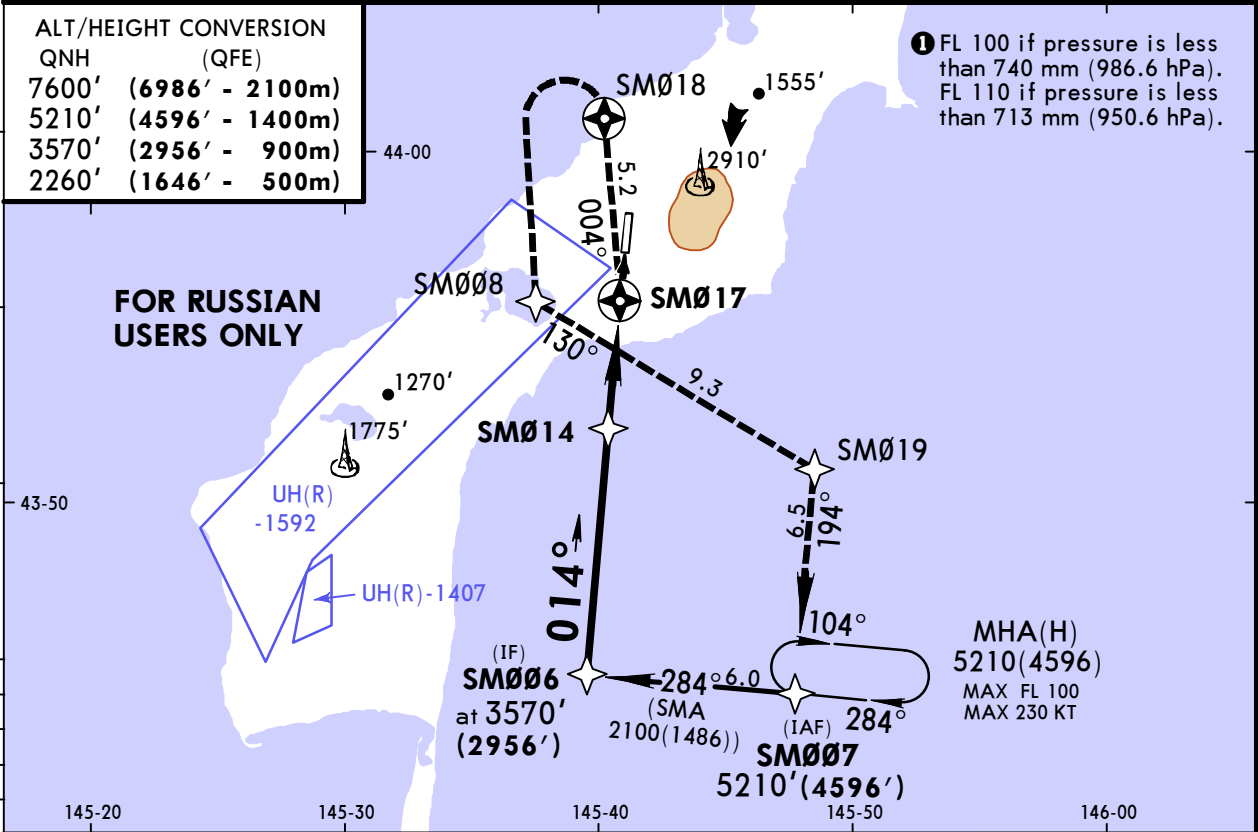
*BOROVIK Vyshka (TWR)

128.0 Russian only

RNAV	Final Apch Crs 014°	Procedure Alt SMØ14 2260' (1646')	LNAV MDA(H) 1200' (586')	Appt Elev 709'	7400 MSA ARP
MISSED APCH: Climb on 004° to SMØ18 (MAX 130 KT), then turn LEFT to SMØØ8, then to SMØ19, then to SMØØ7 climbing to 5210' (4596') or above, then according to chart, or to holding pattern.					

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 90 ① Trans alt: 7600' (6986')

1. GNSS required. 2. RNP apch. 3. Initial approach restricted to MAX 140 KT.



Gnd speed-Kts	70	90	100	120	140	160	ALS PAPI PAPI	004° LT	SMØ18 130 KT MAX
Descent Angle 3.00°	372	478	531	637	743	849			
MAP at SMØ17									

STRAIGHT-IN LANDING RWY 01				CIRCLE-TO-LAND	
LNAV				Prohibited East of airport	
MDA(H) 1200'(586')			Max Kts	MDA(H)	
A	2600m			100	2060'(1351') 2600m
B				135	
C	NOT APPLICABLE			C	NOT APPLICABLE
D				D	

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JEPPESSEN
22 DEC 17
Eff 4 Jan 12-2 CAT A & B

YUZHNO-KURILSK, RUSSIA
RNAV (GNSS) Rwy 19

*BOROVIK Vyshka (TWR)

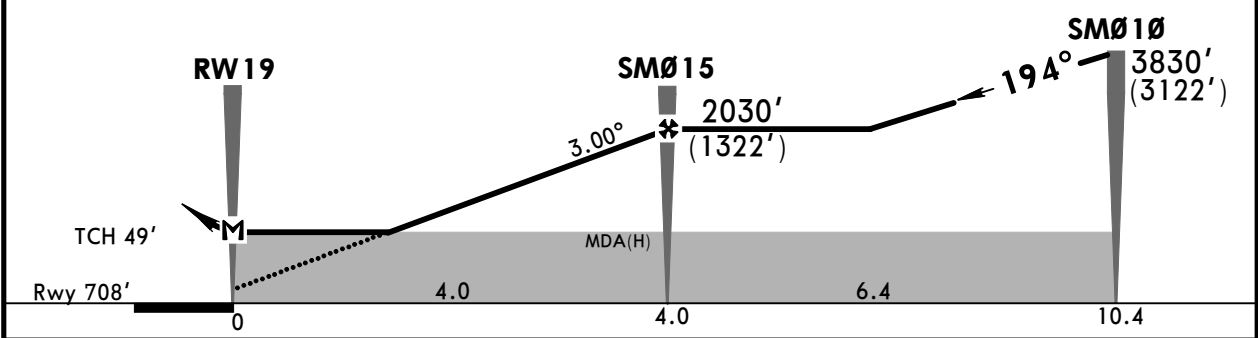
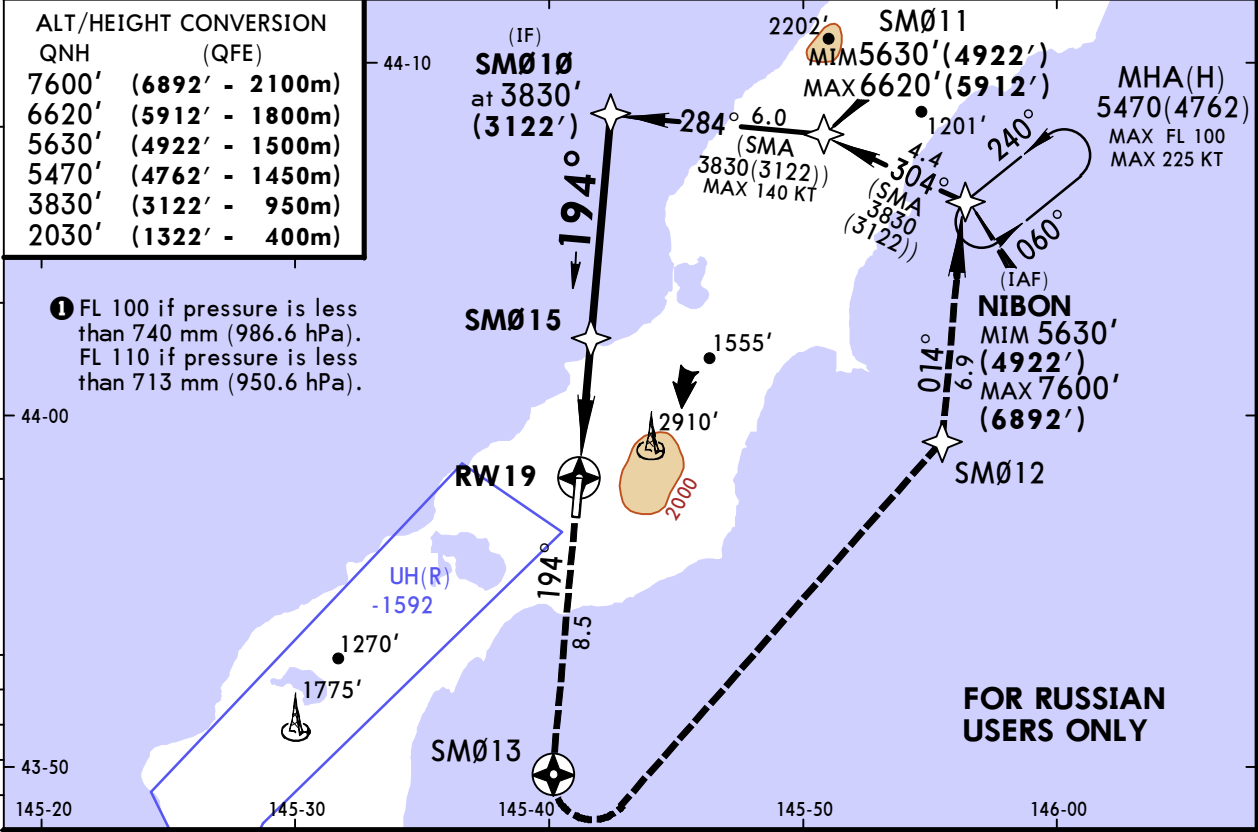
128.0 Russian only

RNAV	Final Apch Crs 194°	Procedure Alt SMØ15 2030'(1322')	LNAV MDA(H) 1530'(822')	Ap ^t Elev 709'	7400 MSA ARP
Rwy 708'					

MISSED APCH: Climb STRAIGHT AHEAD to SMØ13, then turn LEFT to SMØ12, then to NIBON climbing to 5630'(4922') or above, then according to chart, or to holding pattern.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 90 ① Trans alt: 7600' (6892')

1. GNSS required. 2. RNP apch.



Grnd speed-Kts	70	90	100	120	140	160	SMØ13 ↑
Descent Angle 3.00°	372	478	531	637	743	849	
MAP at RW19							

STRAIGHT-IN LANDING RWY 01			CIRCLE-TO-LAND		
LNAV			Prohibited East of airport		
MDA(H) 1530'(822')			Max Kts	MDA(H)	
A	1600m		100	2060'(1351')	1600m
B	2000m		135	2060'(1351')	2000m
C	NOT APPLICABLE		C	NOT APPLICABLE	
D			D		

YUZHNO-KURILSK, RUSSIA
GLS Rwy 01

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JEPPESSEN
22 DEC 17
Eff 4 Jan
(12-41)
CAT A & B

YUZHNO-KURILSK, RUSSIA
GLS Rwy 19

*BOROVIK Vyshka (TWR)

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GBAS
*Ch 21076
G19A

Final
Apch Crs
194°

Procedure Alt
SMØØ9
2030'(1322')

GLS
DA(H)
Refer to
Minimums

Apt Elev 709'

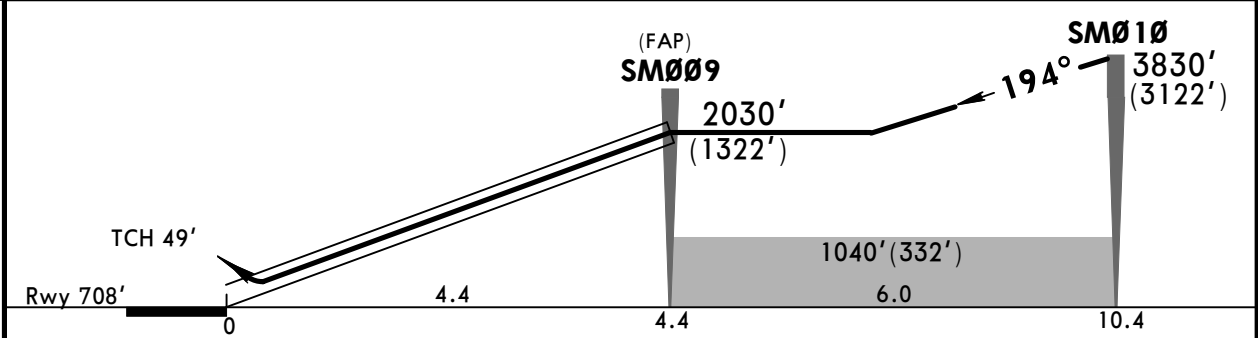
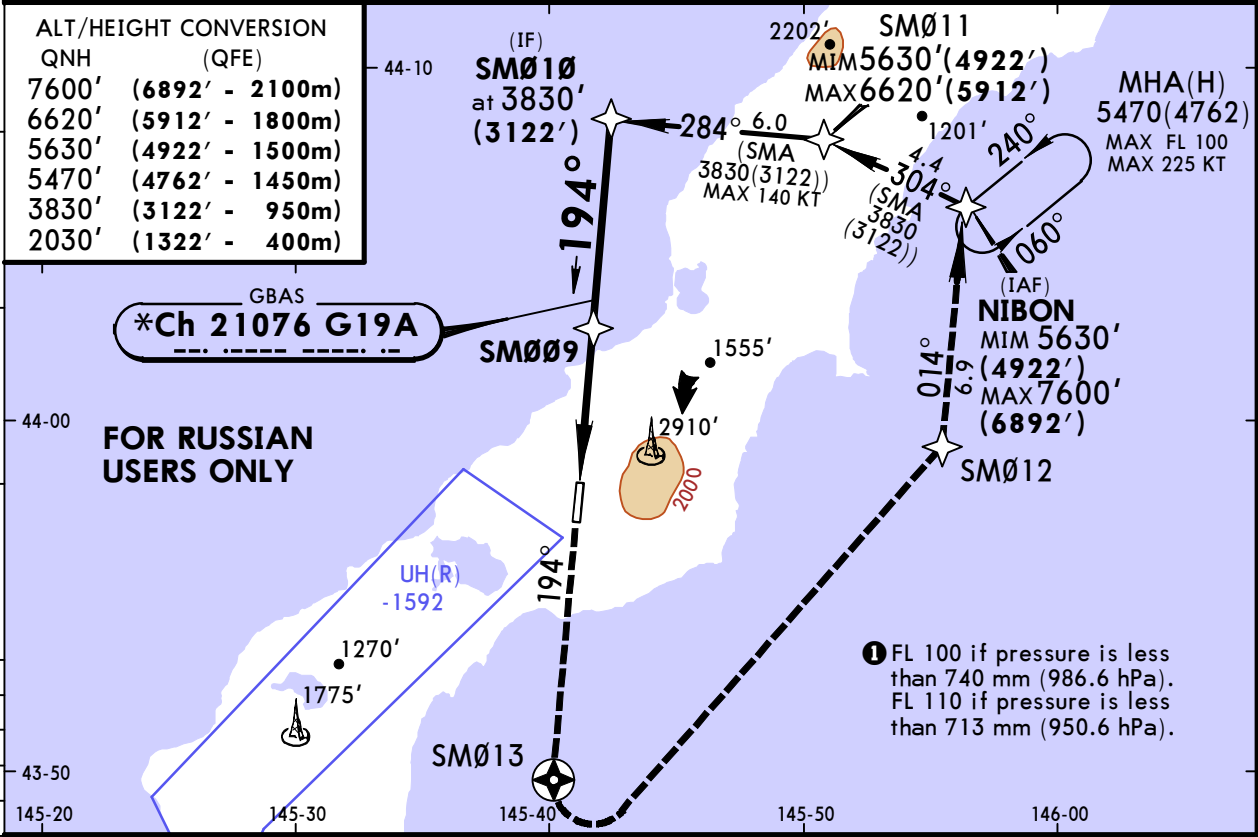
Rwy 708'

7400

MSA ARP

MISSED APCH: Climb STRAIGHT AHEAD to SMØ13, then turn LEFT to SMØ12, then to NIBON climbing to 5630'(4922') or above, then according to chart, or to holding pattern.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 90 1 Trans alt: 7600' (6892')
GNSS required.



Gnd speed-Kts	70	90	100	120	140	160	
Glide Path Angle 2.67°	331	425	472	567	661	756	
MAP at DA							

STRAIGHT-IN LANDING RWY 01				CIRCLE-TO-LAND			
A: 915'(207') DA(H) B: 925'(217')				Prohibited East of airport			
1200m				Max Kts.	MDA(H)		
				100	2060'(1351')	2000m	
				135	2060'(1351')	2400m	
NOT APPLICABLE				C	NOT APPLICABLE		
				D			

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 **JEPPesen**

22 DEC 17
Eff 4 Jan

16-1

CAT A & B

YUZHNO-KURILSK, RUSSIA
2 NDB or NDB Rwy 01

BRIEFING STRIP™

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NDB BF *525	Final Apch Crs 014°	Minimum Alt LOM 1320'(706')	MDA(H) 1160'(546')	Appt Elev 709' Rwy 614'	7400 MSA B Lctr
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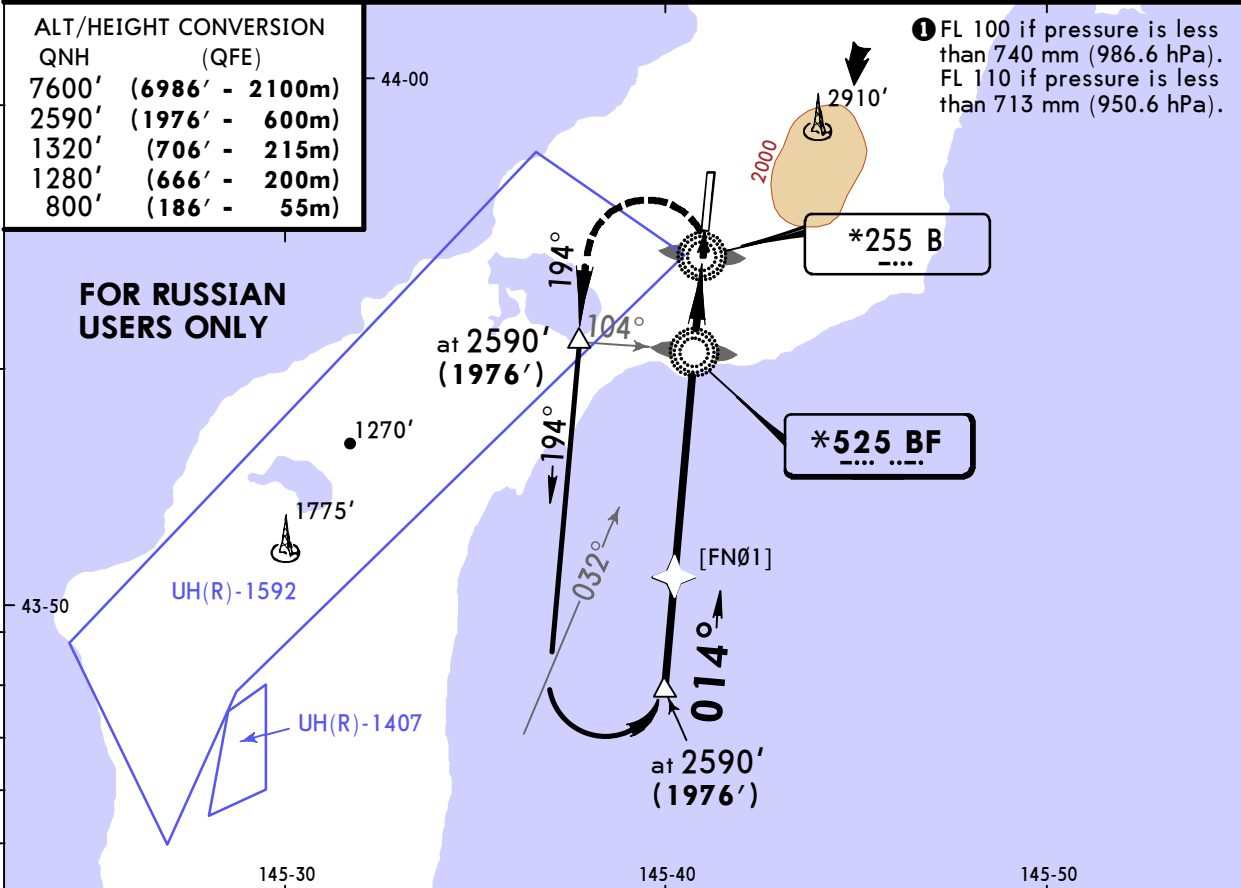
MISSED APCH: Climb STRAIGHT AHEAD to 1280'(666'), after passing B Lctr turn LEFT onto 194° climbing to 2590'(1976'), then according to chart.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 90 ① Trans alt: 7600' (6986')

ALT/HEIGHT CONVERSION
QNH (QFE)

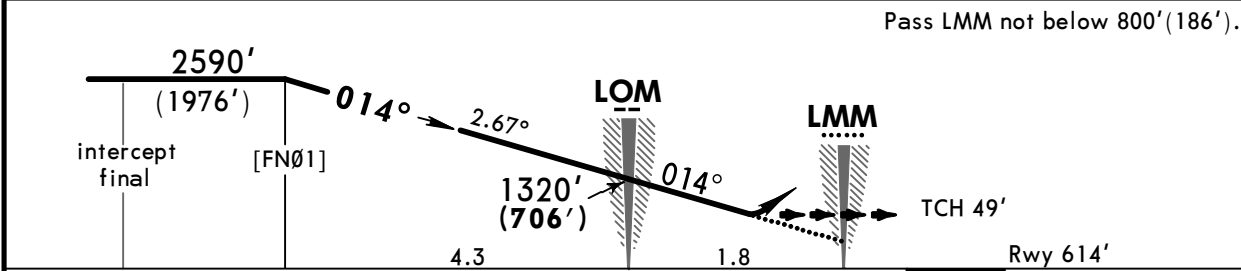
7600'	(6986' - 2100m)
2590'	(1976' - 600m)
1320'	(706' - 215m)
1280'	(666' - 200m)
800'	(186' - 55m)

FOR RUSSIAN USERS ONLY



① FL 100 if pressure is less than 740 mm (986.6 hPa).
FL 110 if pressure is less than 713 mm (950.6 hPa).

Pass LMM not below 800'(186').



Gnd speed-Kts	70	90	100	120	140	160	ALS	1280'(666')	B 255	194° LT	2590'(1976')
Descent Angle	2.67°	331	425	472	567	661	PAPI PAPI	↑			↑

STRAIGHT-IN LANDING RWY 01

MDA(H) 1160'(546')	ALS out
--------------------	---------

A	3200m	
B		
C	NOT APPLICABLE	
D		

PANS OPS

CHANGES: MSA. Trans level. Trans alt. Minimums.

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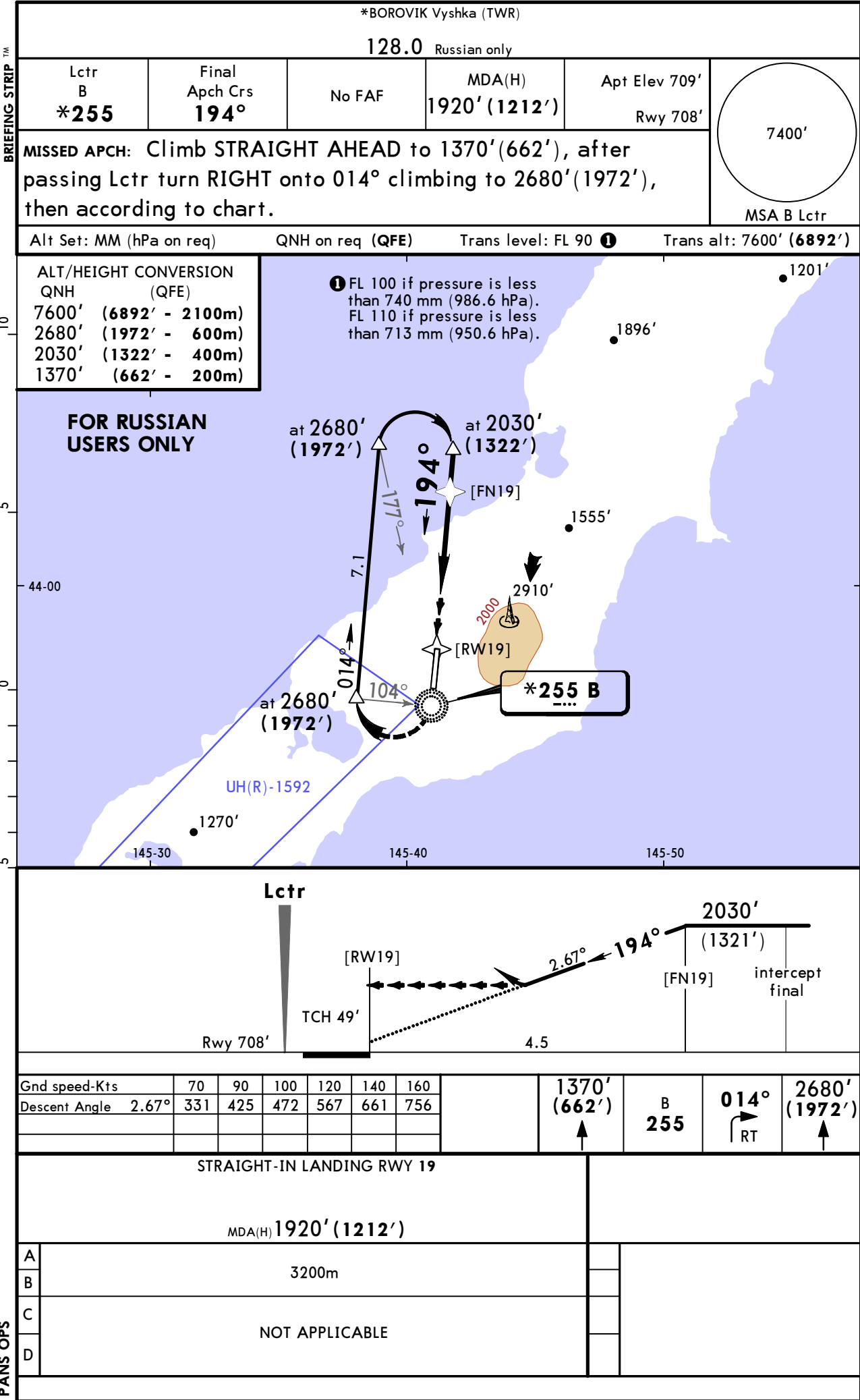
22 DEC 17
Eff 4 Jan

JEPPesen

16-2

CAT A & B

YUZHNO-KURILSK, RUSSIA
NDB Rwy 19



YUZHNO-KURILSK, (MENDELEYEVO - UHSM)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UHSM