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Airport Information For U000

Terminal Charts For U000

Revision Letter For Cycle 08-2013

Change Notices

Notebook

General Information

Location: Norilsk Rus
IATA Code: NSK
Lat/Long: N69° 18.6' E087° 20.0'
Elevation: 594 ft

Airport Use: Public
Magnetic Variation: 18.7°E

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

Sunrise: 2214 Z
Sunset: 1408 Z,

Runway Information

Runway: 01
Length x Width: 11253 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 538 ft
Lighting: Edge, ALS

Runway: 19
Length x Width: 11253 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 571 ft
Lighting: Edge, ALS, TDZ

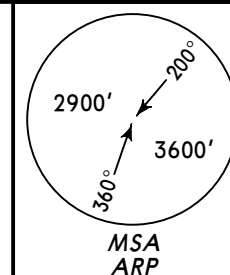
Communication Information

ATIS 126.8
Norilsk Landing Tower 118.3
Norilsk Taxiing Ground Control 121.7
Norilsk Control Approach Control 132.5
Norilsk Krug Radar 120.4

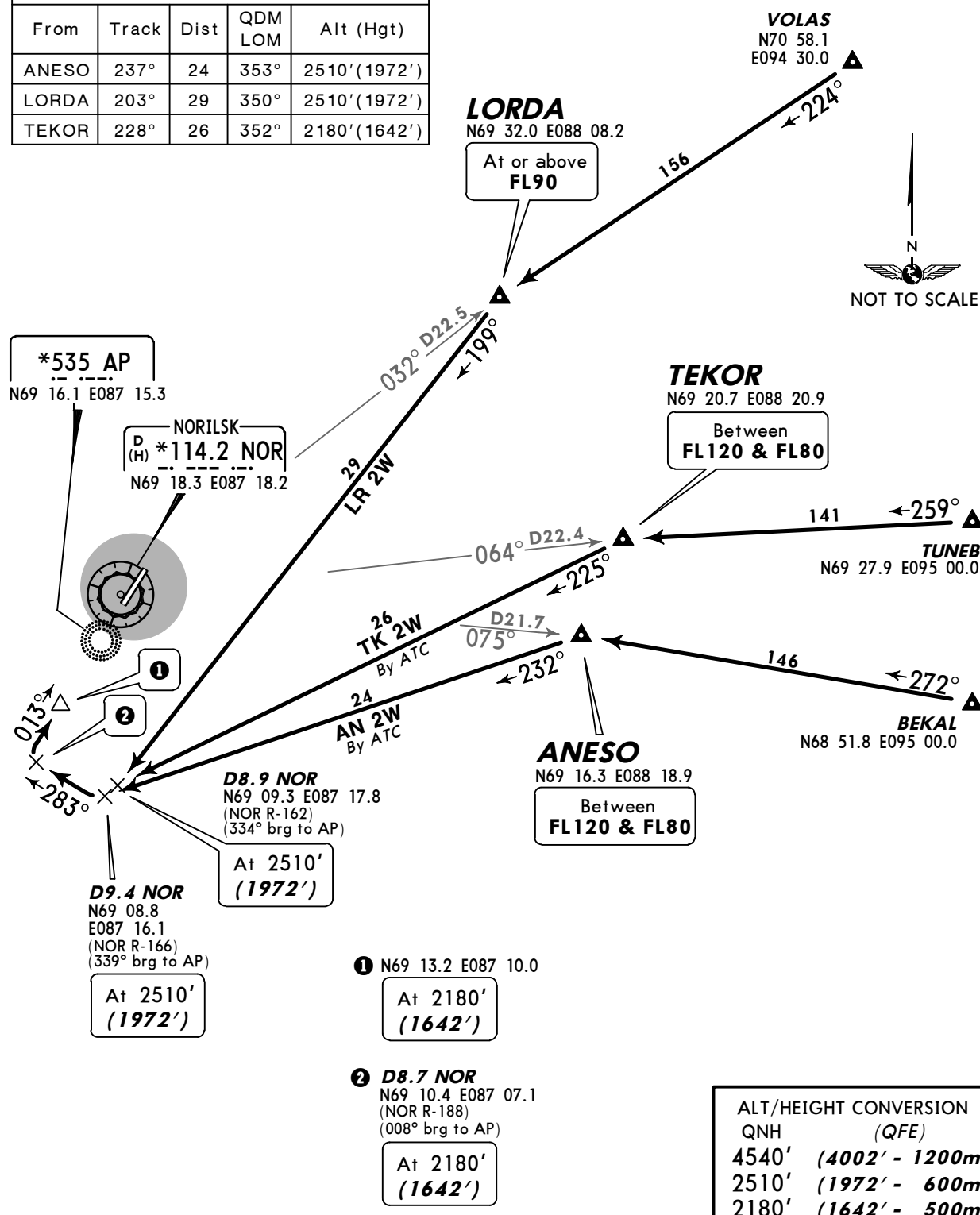
ATIS 126.8	*NORILSK Control (ASR) 132.5 124.0X	Apt Elev 594'	Alt set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 744 mm (991.9 hPa) FL80 if pressure is less than 717 mm (955.9 hPa) Trans alt: 4540' (4002')
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AN 2W, LR 2W, TK 2W
RWY 01 ARRIVALS

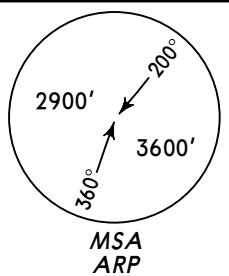
FOR RUSSIAN USERS ONLY



Arrival Data for ACFT with MAX 160KT				
From	Track	Dist	QDM LOM	Alt (Hgt)
ANESO	237°	24	353°	2510' (1972')
LORDA	203°	29	350°	2510' (1972')
TEKOR	228°	26	352°	2180' (1642')



ATIS 126.8	*NORILSK Control (ASR) 132.5 124.0X	Apt Elev 594'	Alt set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 744 mm (991.9 hPa) FL80 if pressure is less than 717 mm (955.9 hPa) Trans alt: 4540' (3969')
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GN 2A, OR 2A, RL 2A, SB 2A
RWY 19 ARRIVALS

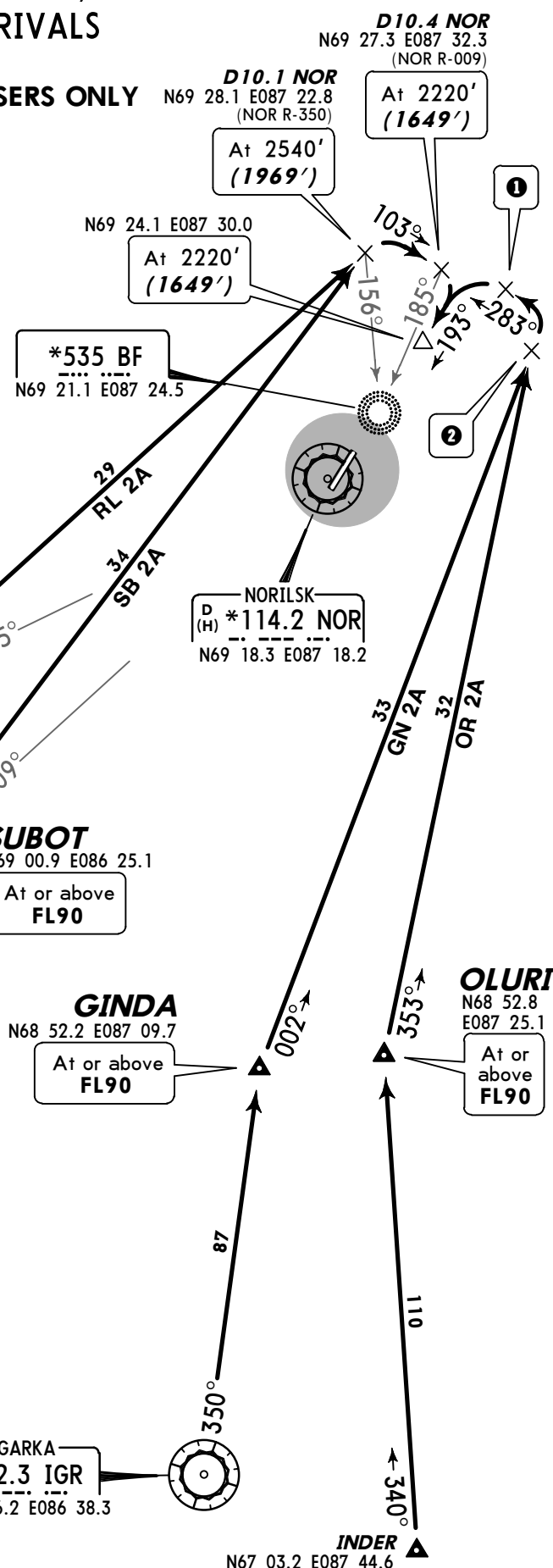
FOR RUSSIAN USERS ONLY

Arrival Data for ACFT with MAX 160KT				
From	Track	Dist	QDM LOM	Alt (Hgt)
GINDA	358°	33	216°	2540' (1969')
OLURI	349°	32	214°	2540' (1969')
ROLGA	034°	30	171°	2540' (1969')
SUBOT	022°	33	169°	2540' (1969')

① **D10.8 NOR**
N69 26.5 E087 37.5
(NOR R-020)
(201° brg to BF)
At 2220'
(1649')

② **D10.5 NOR**
N69 23.8 E087 43.3
(NOR R-038)
(229° brg to BF)
At 2540'
(1969')

ROLGA
N69 08.4 E086 21.5
At or above
FL90
138
037°
TANAM
N68 01.7 E080 54.1
151
019°
NAPAD
N67 07.5 E082 02.2



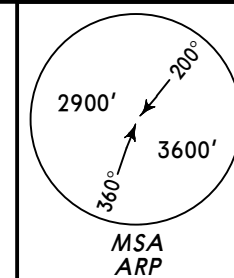
ALT/HEIGHT CONVERSION	
QNH	(QFE)
4540'	(3969' - 1200m)
2540'	(1969' - 600m)
2220'	(1649' - 500m)

IGARKA
D 112.3 IGR
N67 26.2 E086 38.3

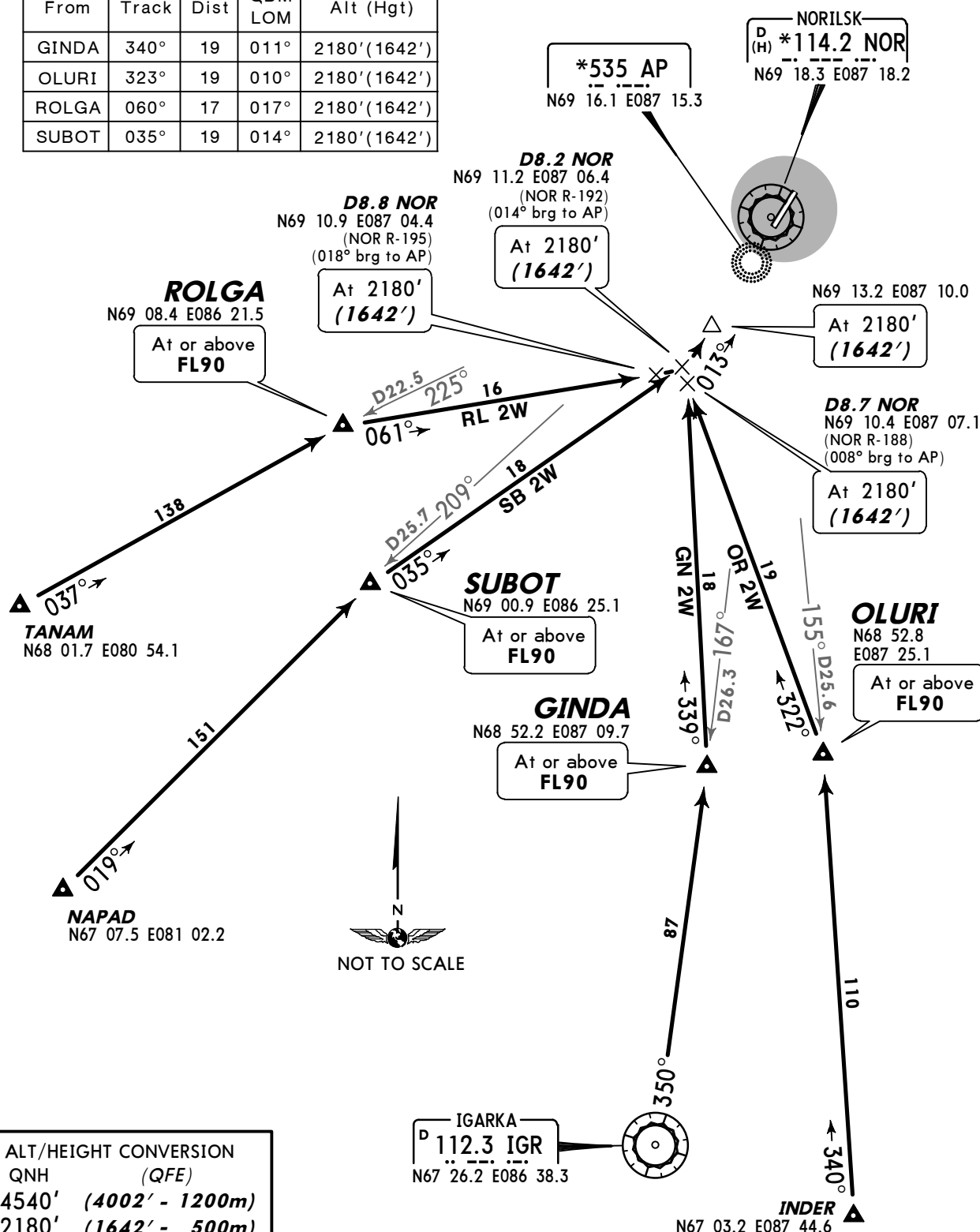
ATIS 126.8	*NORILSK Control (ASR) 132.5 124.0X	Apt Elev 594'	Alt set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 744 mm (991.9 hPa) FL80 if pressure is less than 717 mm (955.9 hPa) Trans alt: 4540' (4002')
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GN 2W, OR 2W, RL 2W, SB 2W RWY 01 ARRIVALS

FOR RUSSIAN USERS ONLY



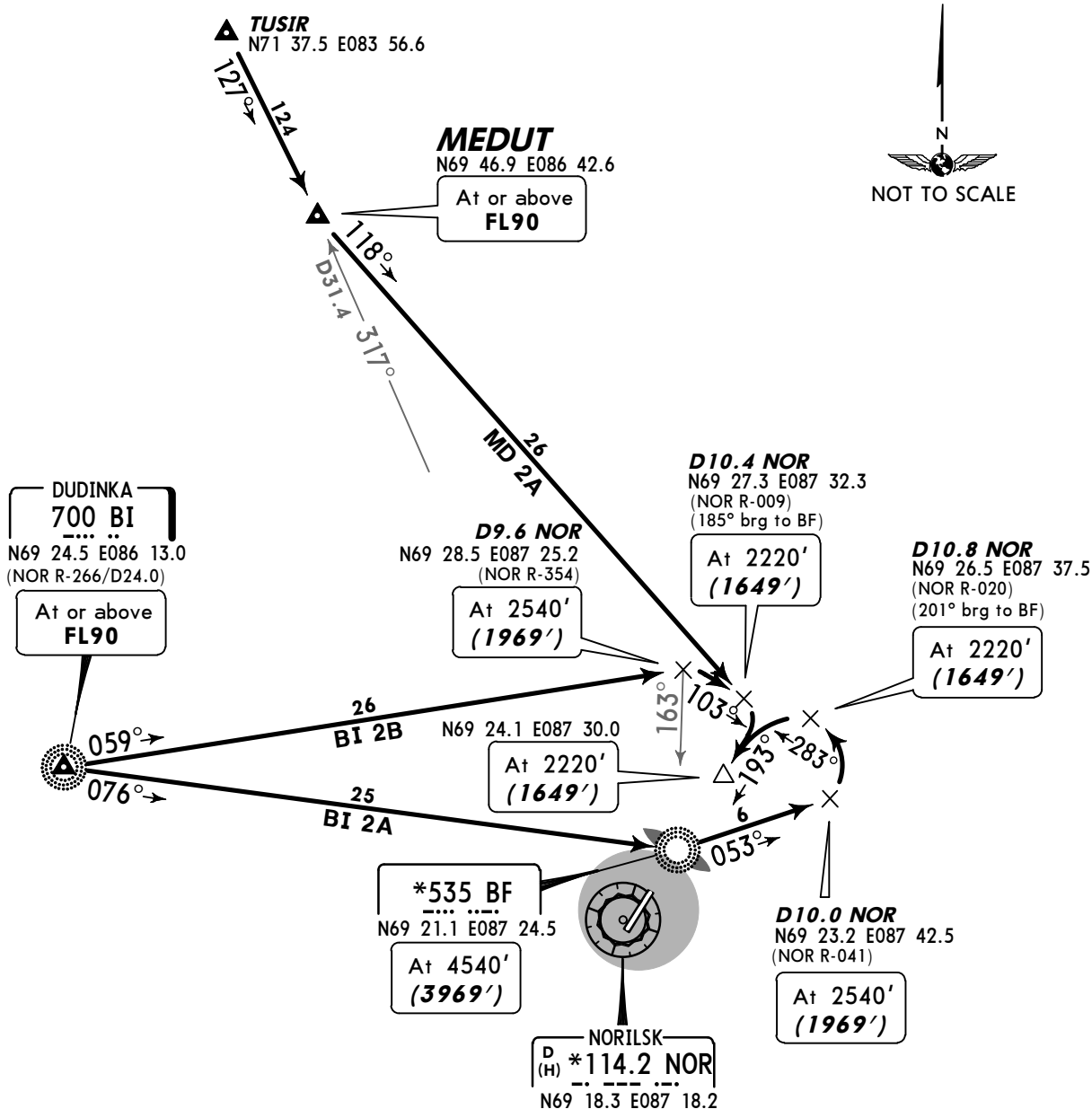
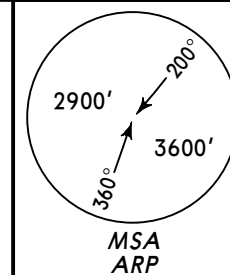
Arrival Data for ACFT with MAX 160KT				
From	Track	Dist	QDM LOM	Alt (Hgt)
GINDA	340°	19	011°	2180' (1642')
OLURI	323°	19	010°	2180' (1642')
ROLGA	060°	17	017°	2180' (1642')
SUBOT	035°	19	014°	2180' (1642')



ATIS 126.8	*NORILSK Control (ASR) 132.5 124.0X	<i>Apt Elev</i> 594'	Alt set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 744 mm (991.9 hPa) FL80 if pressure is less than 717 mm (955.9 hPa) Trans alt: 4540' (3969')
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BI 2A, BI 2B, MD 2A RWY 19 ARRIVALS

FOR RUSSIAN USERS ONLY



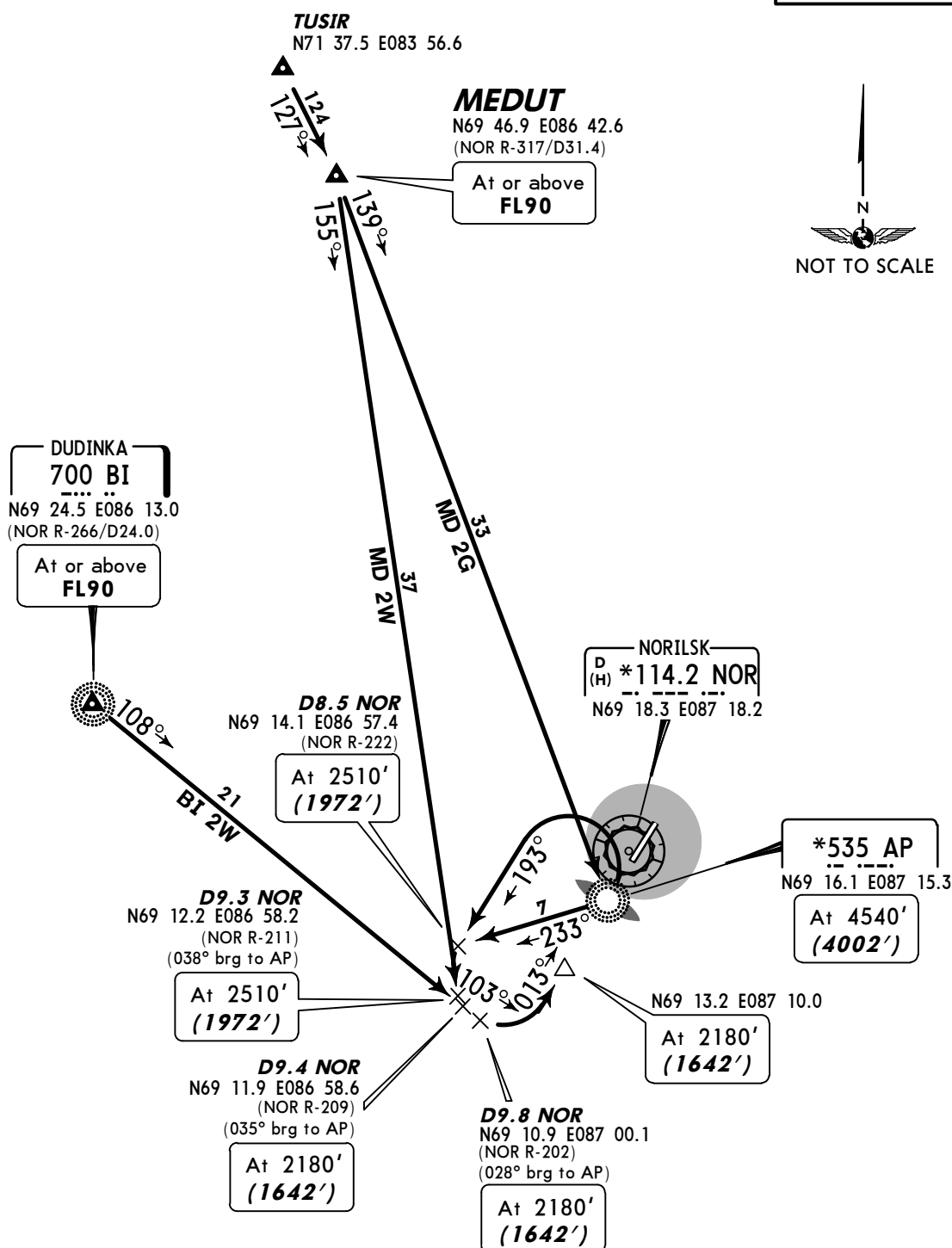
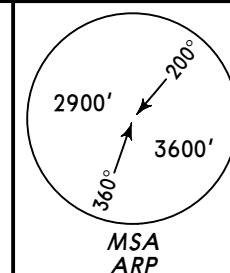
ALT/HEIGHT CONVERSION
QNH (QFE)
4540' (3969' - 1200m)
2540' (1969' - 600m)
2220' (1649' - 500m)

Arrival Data for ACFT with MAX 160KT				
From	Track	Dist	QDM LOM	Alt (Hgt)
BI	066°	27	175°	2540' (1969')
MEDUT	121°	27	187°	2220' (1649')

ATIS 126.8	*NORILSK Control (ASR) 132.5 124.0X	Apt Elev 594'	Alt set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 744 mm (991.9 hPa) FL80 if pressure is less than 717 mm (955.9 hPa) Trans alt: 4540' (4002')
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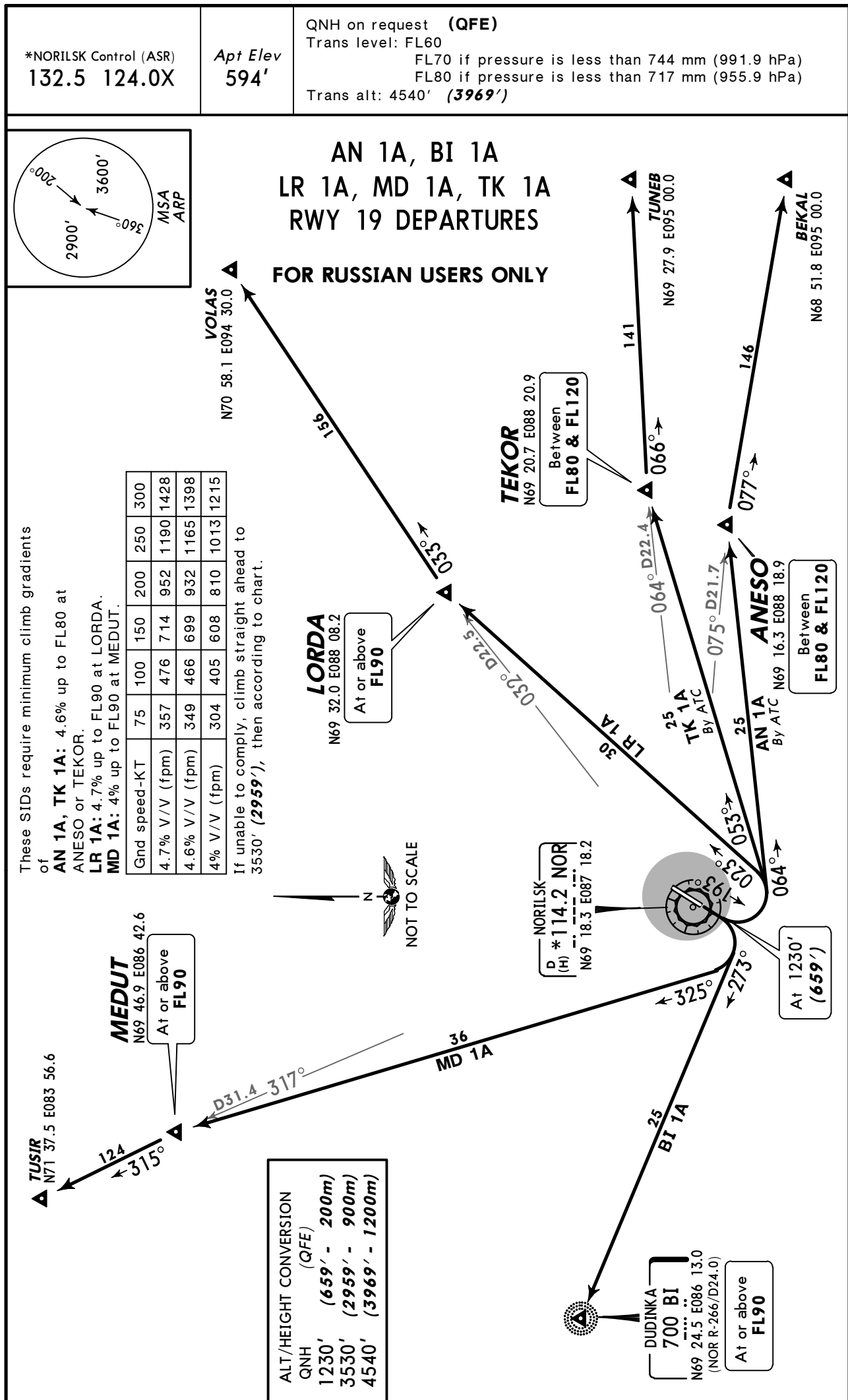
BI 2W, MD 2G, MD 2W
RWY 01 ARRIVALS

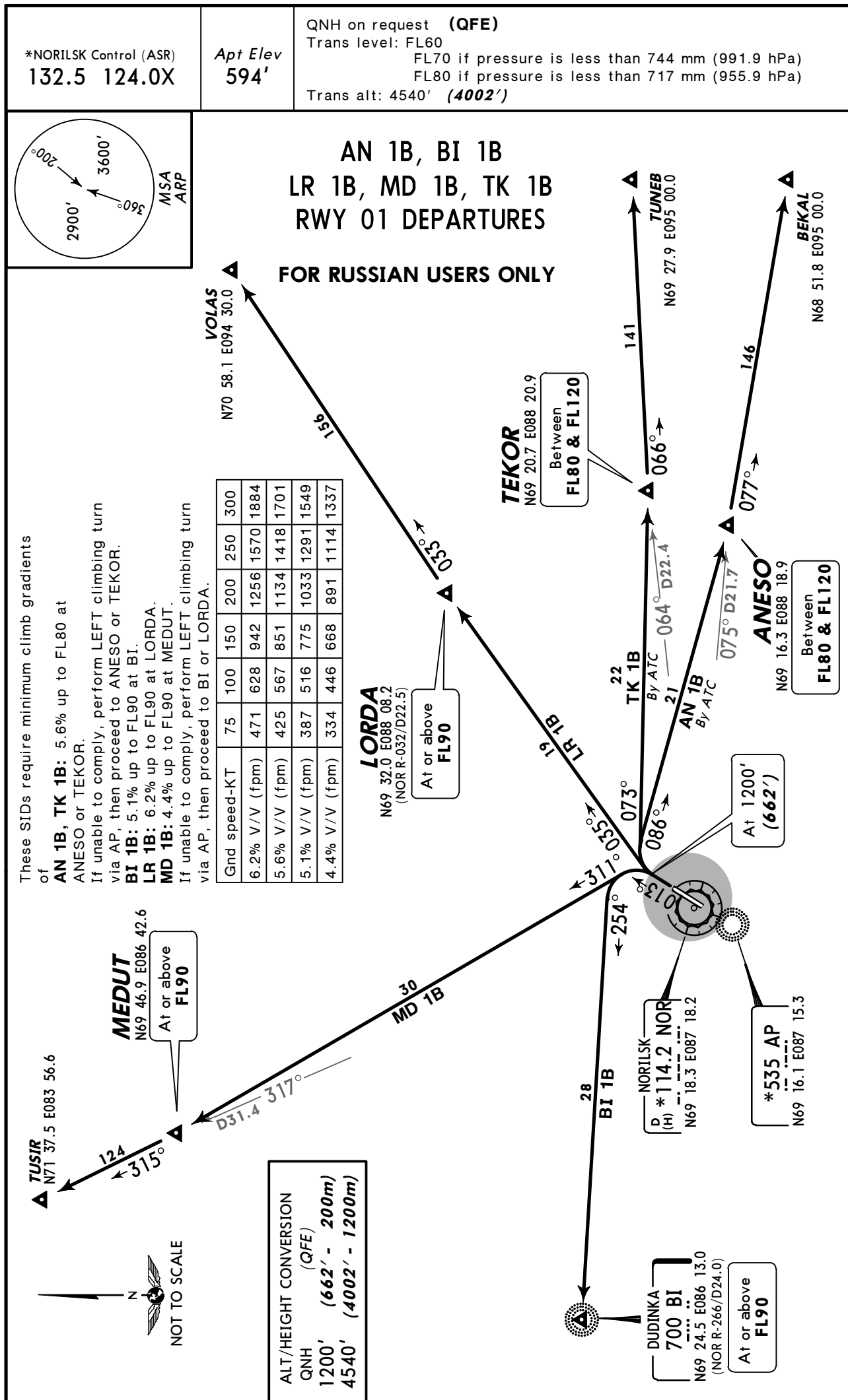
FOR RUSSIAN USERS ONLY



ALT/HEIGHT CONVERSION
QNH (QFE)
4540' (4002' - 1200m)
2510' (1972' - 600m)
2180' (1642' - 500m)

Arrival Data for ACFT with MAX 160KT				
From	Track	Dist	QDM LOM	Alt (Hgt)
BI	105°	22	026°	2180'(1642')
MEDUT	149°	35	032°	2510'(1972')





*NORILSK Control (ASR)
132.5 124.0XApt Elev
594'

QNH on request (QFE)

Trans level: FL60

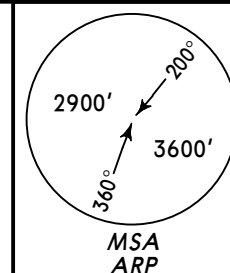
FL70 if pressure is less than 744 mm (991.9 hPa)

FL80 if pressure is less than 717 mm (955.9 hPa)

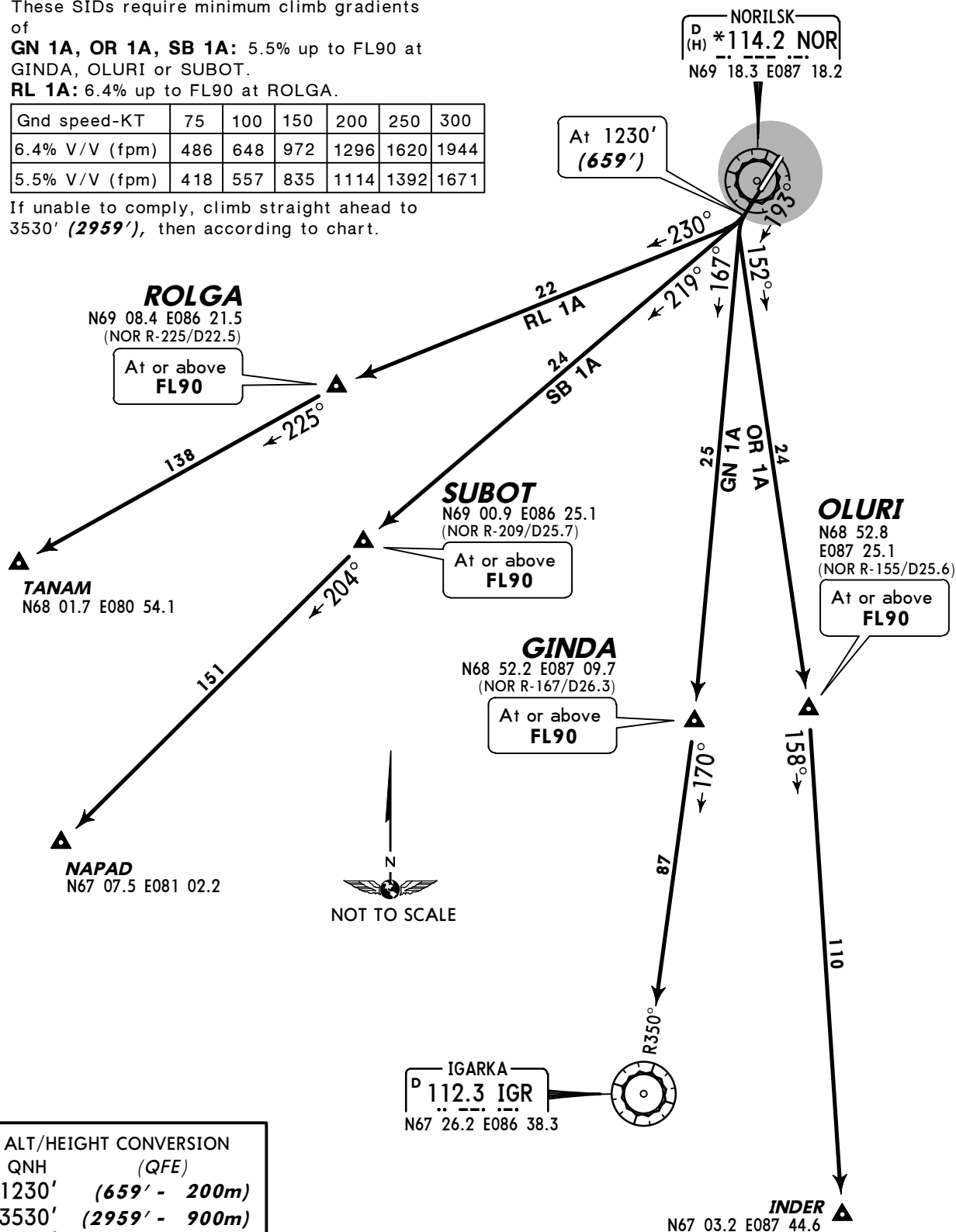
Trans alt: 4540' (3969')

GN 1A, OR 1A, RL 1A, SB 1A
RWY 19 DEPARTURES

FOR RUSSIAN USERS ONLY

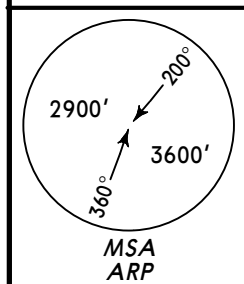
These SIDs require minimum climb gradients
of**GN 1A, OR 1A, SB 1A:** 5.5% up to FL90 at
GINDA, OLURI or SUBOT.**RL 1A:** 6.4% up to FL90 at ROLGA.

Gnd speed-KT	75	100	150	200	250	300
6.4% V/V (fpm)	486	648	972	1296	1620	1944
5.5% V/V (fpm)	418	557	835	1114	1392	1671

If unable to comply, climb straight ahead to
3530' (2959'), then according to chart.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
1230'	(659' - 200m)
3530'	(2959' - 900m)
4540'	(3969' - 1200m)

*NORILSK Control (ASR) 132.5 124.0X	<i>Apt Elev</i> 594'	QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 744 mm (991.9 hPa) FL80 if pressure is less than 717 mm (955.9 hPa) Trans alt: 4540' (4002')
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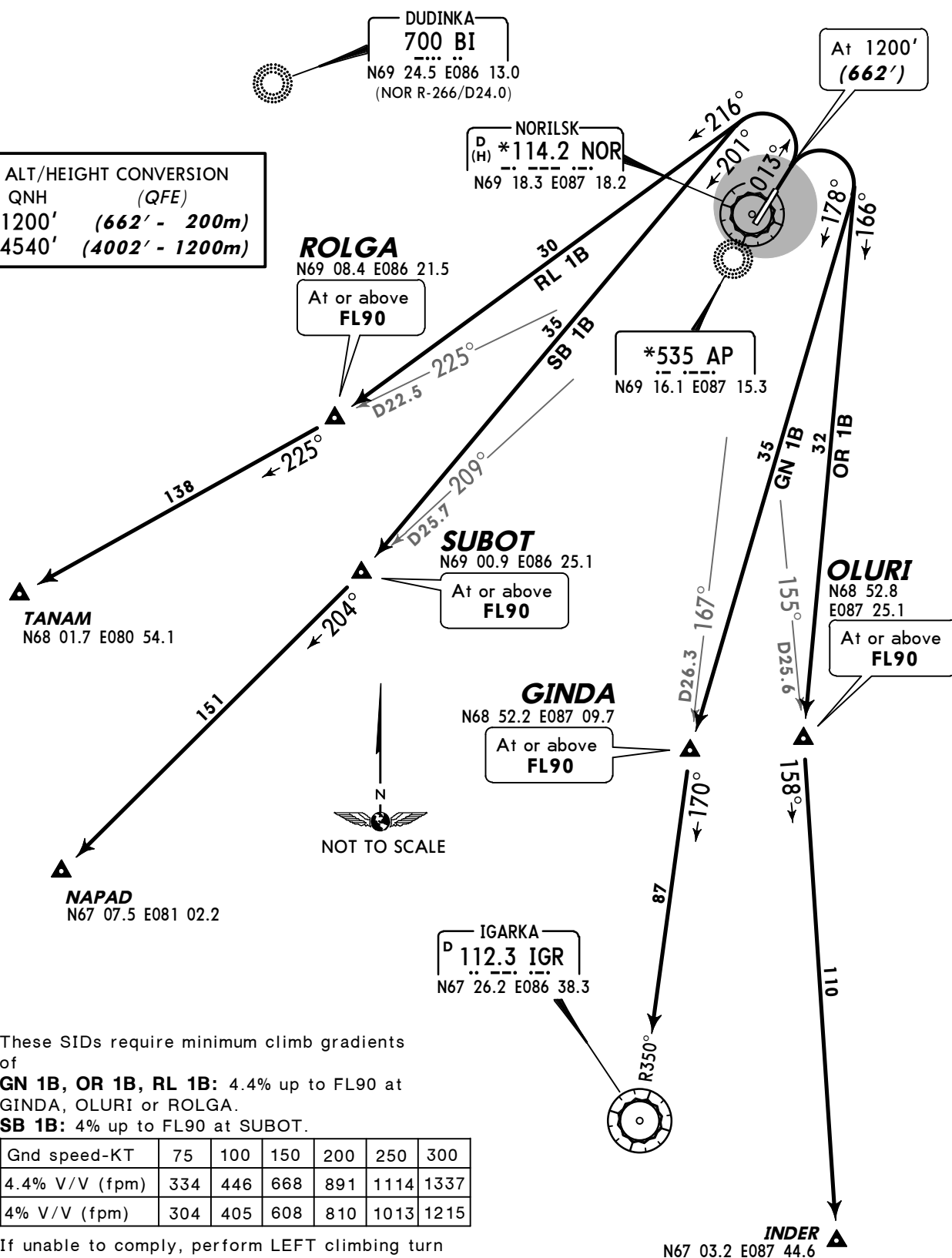
GN 1B, OR 1B, RL 1B, SB 1B RWY 01 DEPARTURES

FOR RUSSIAN USERS ONLY

LORDA
N69 32.0 E088 08.2
(NOR R-032/D22.5)



ALT/HEIGHT CONVERSION	
QNH (QFE)	
1200'	(662' - 200m)
4540'	(4002' - 1200m)



These SIDs require minimum climb gradients of

GN 1B, OR 1B, RL 1B: 4.4% up to FL90 at GINDA, OLURI or ROLGA.

SB 1B: 4% up to FL90 at SUBOT.

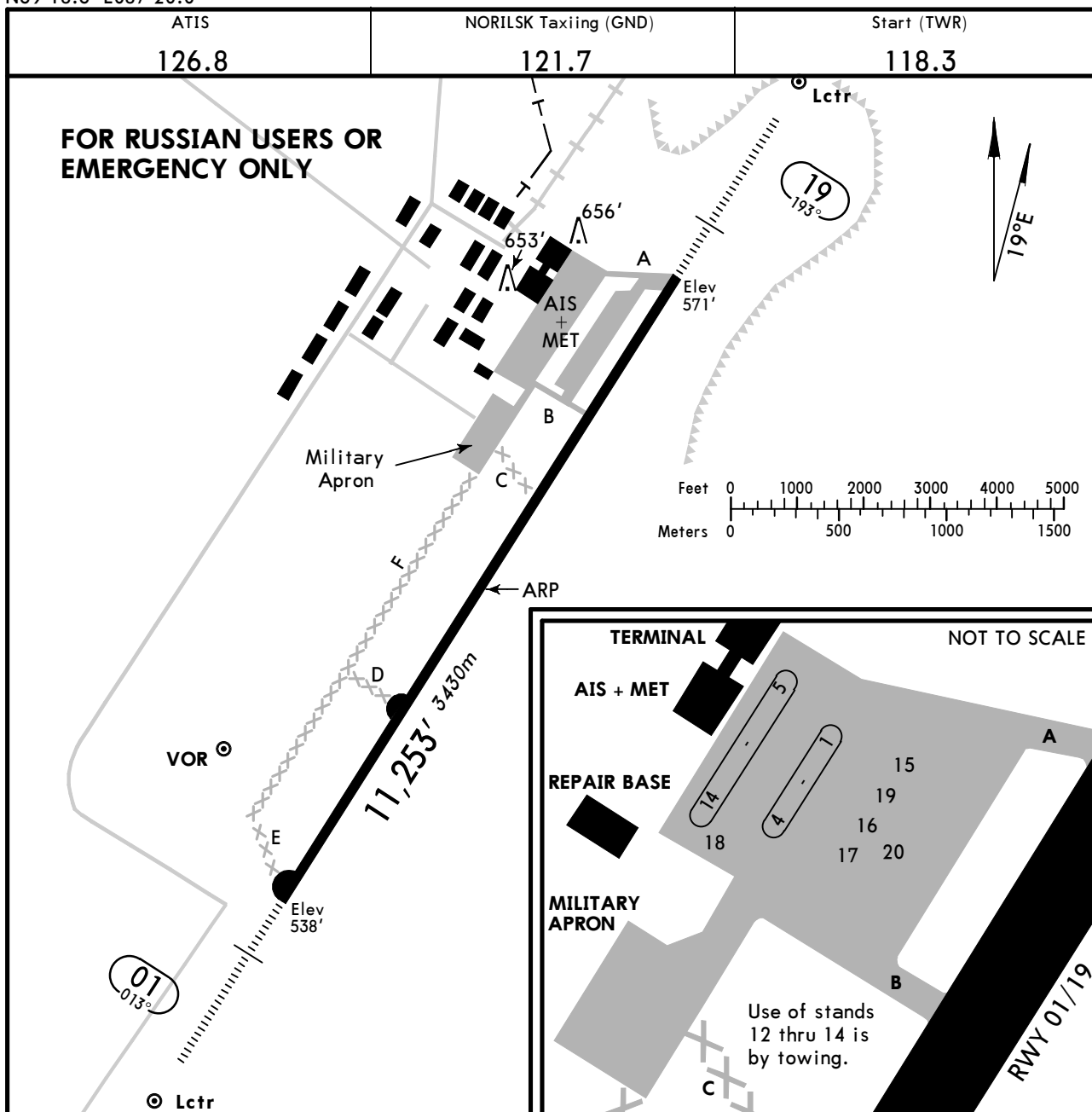
Gnd speed-KT	75	100	150	200	250	300
4.4% V/V (fpm)	334	446	668	891	1114	1337
4% V/V (fpm)	304	405	608	810	1013	1215

If unable to comply, perform LEFT climbing turn via AP, then proceed to BI or LORDA.

U000/NSK
 Apt Elev **594'**
 N69 18.6 E087 20.0

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 11 JAN 13 **(10-9)**

NORILSK, RUSSIA
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GENERAL

RWY slope is beyond limits. Use extreme caution during landing.
 Take-offs and landings for CAT B, C and D acft shall be carried out when the crosswind speed is 0.85 of the maximum value, at that the value of the crosswind component shall be reduced by 1m per sec under the appropriate friction coefficient specified in the AOM.

ADDITIONAL RUNWAY INFORMATION

					USABLE LENGTHS			
RWY					LANDING BEYOND		TAKE-OFF	WIDTH
					Threshold	Glide Slope		
01 19	HIRL (60m)	HIALS	PAPI-L (angle 2.67°)			10,170' 3100m	10,925' 3330m ①	148' 45m
	HIRL (60m)	HIALS	TDZ PAPI-L (angle 2.67°)			10,072' 3070m		

① First 328'/100m unusable for take-off.

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	400m
B		
C		
D	300m	

CHANGES: ATIS established.

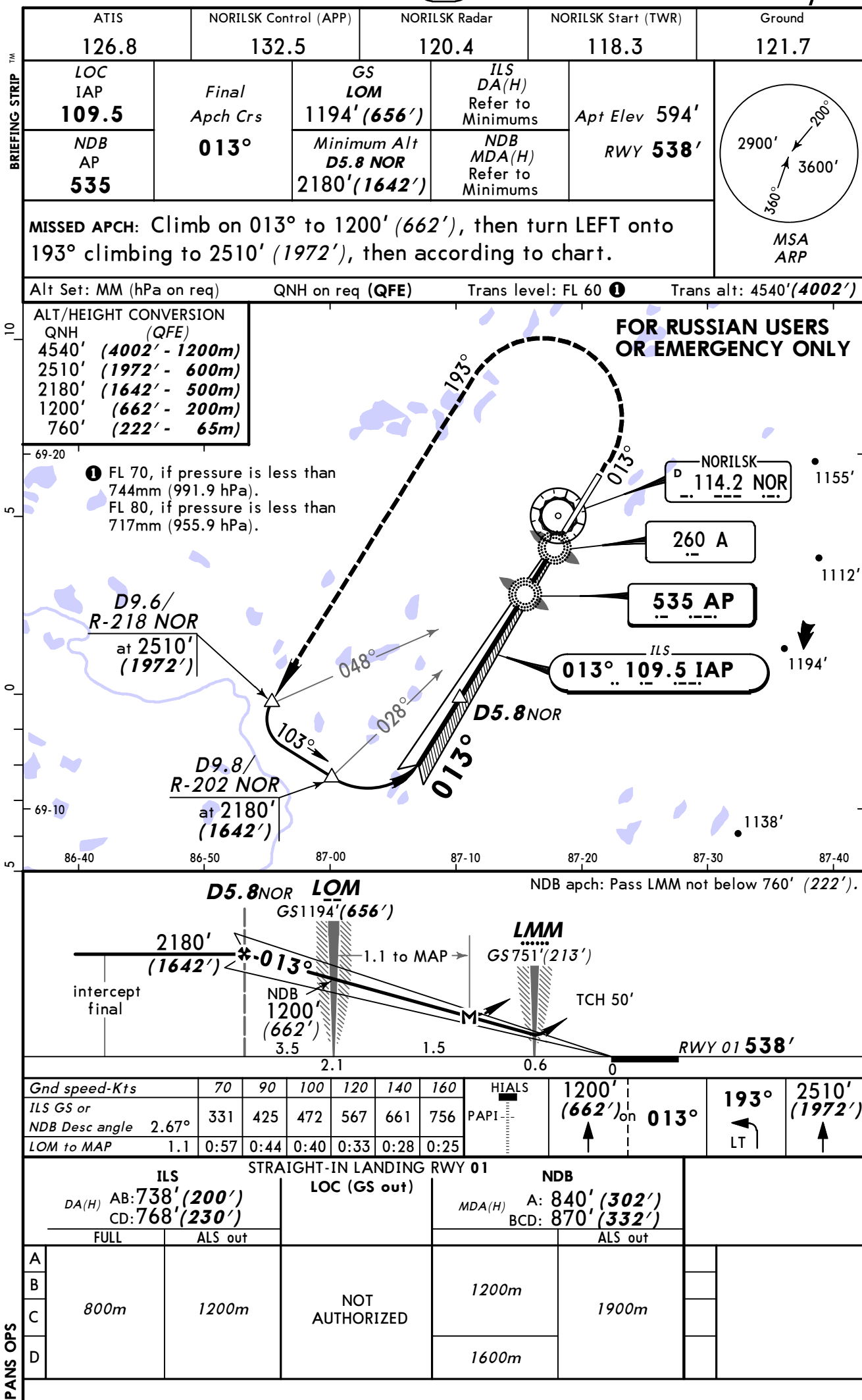
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STRAIGHT-IN RWY		A	B	C	D
01	ILS	738' (200')	738' (200')	768' (230')	768' (230')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ❶	840' (302')	870' (332')	870' (332')	870' (332')
19	<i>ALS out</i>	R750m	R800m	R800m	R800m
		R1400m	R1500m	R1500m	R1500m
	ILS	771' (200')	771' (200')	801' (230')	801' (230')
	<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
	NDB ❶	920' (349')	920' (349')	920' (349')	920' (349')
	<i>ALS out</i>	R900m	R900m	R900m	R900m
		R1500m	R1500m	R1600m	R1600m

❶ Continuous Descent Final Approach.

TAKE-OFF RWY 01, 19

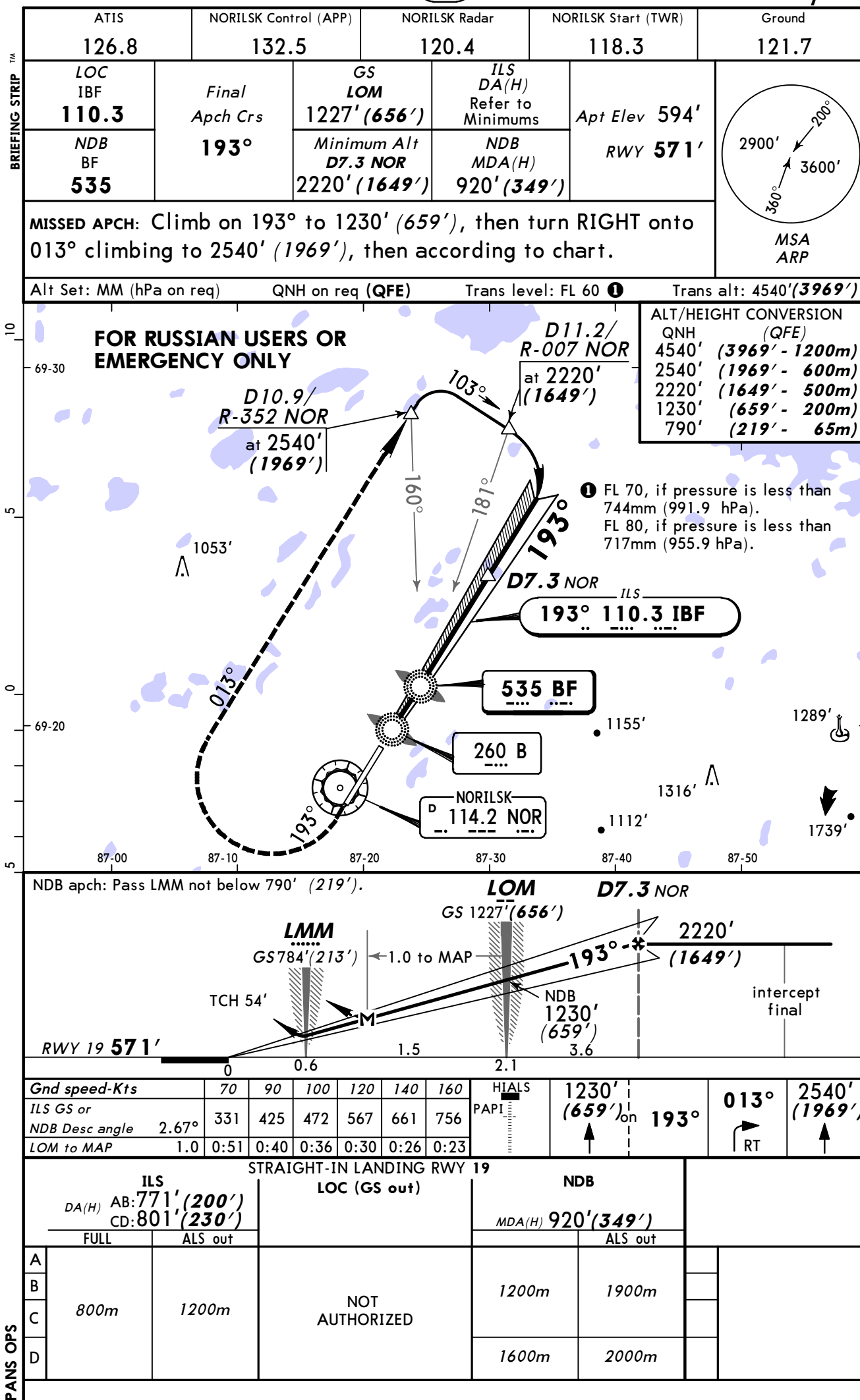
LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		



U000/NSK
ALYKEL

JEPPESSEN
11 JAN 13 (11-2)

NORILSK, RUSSIA
ILS or 2 NDB Rwy 19



CHANGES: ATIS established.

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NORILSK, (ALYKEL - U000)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UOOO