

List of pages in this Trip Kit

Trip Kit Index

Airport Information For U000

Terminal Charts For U000

Revision Letter For Cycle 25-2012

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: Never
Sunset: 24 Hour Night,

Runway Information

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

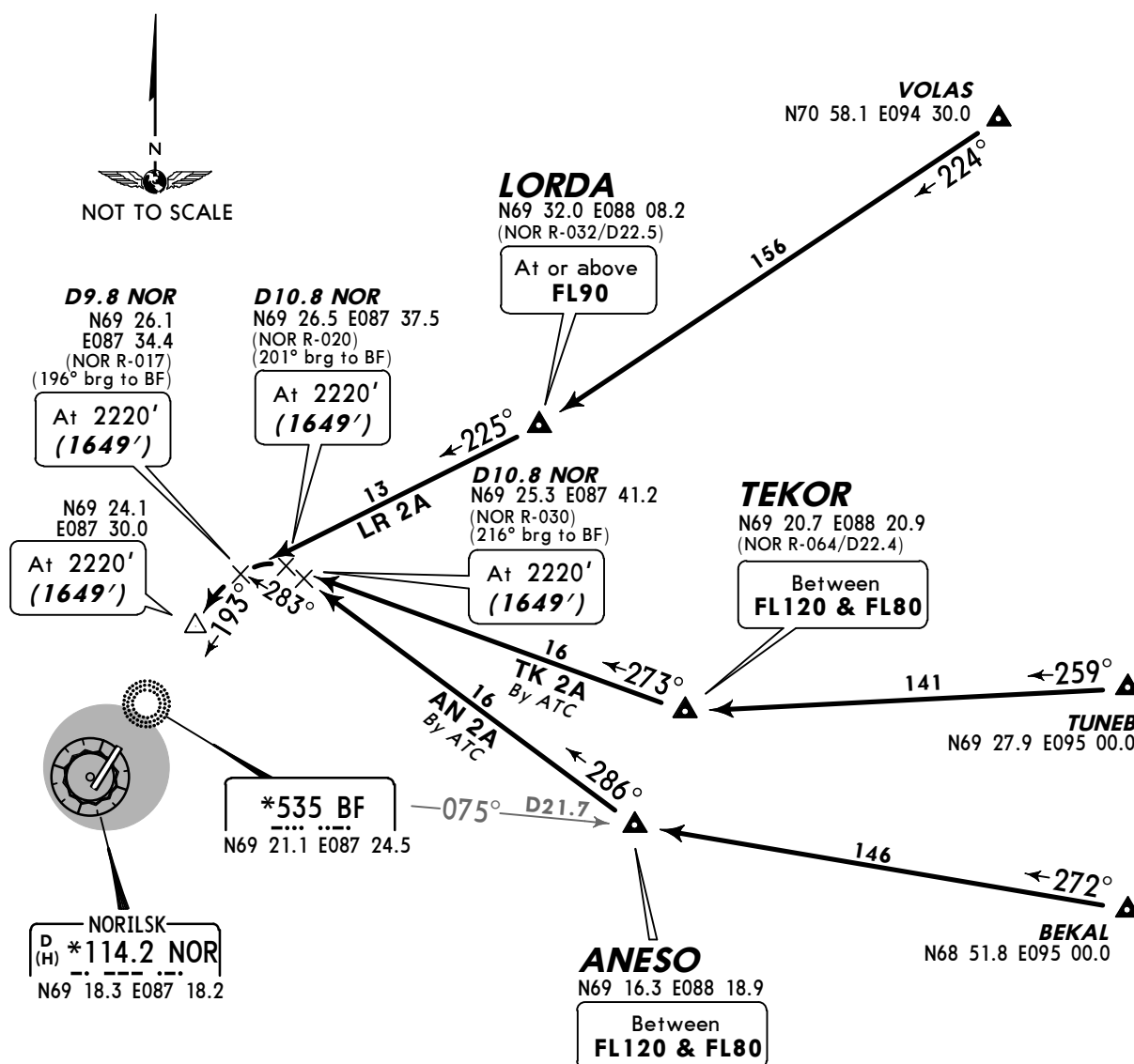
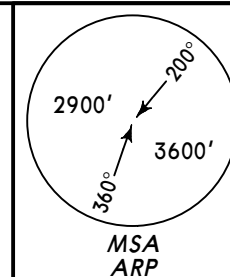
Runway: 19
Length x Width: 11253 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 571 ft
Lighting: Edge, ALS, TDZ

Communication Information

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

*NORILSK Control (ASR)
132.5 124.0XApt 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')AN 2A, LR 2A, TK 2A
RWY 19 ARRIVALS

FOR RUSSIAN USERS ONLY



Arrival Data for ACFT with MAX 160KT				
From	Track	Dist	QDM LOM	Alt (Hgt)
ANESO	281°	18	201°	2220' (1649')
LORDA	224°	14	194°	2220' (1649')
TEKOR	268°	17	200°	2220' (1649')

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

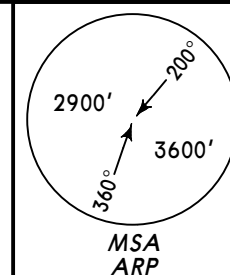
*NORILSK Control (ASR)
132.5 124.0X

Apt Elev
594'

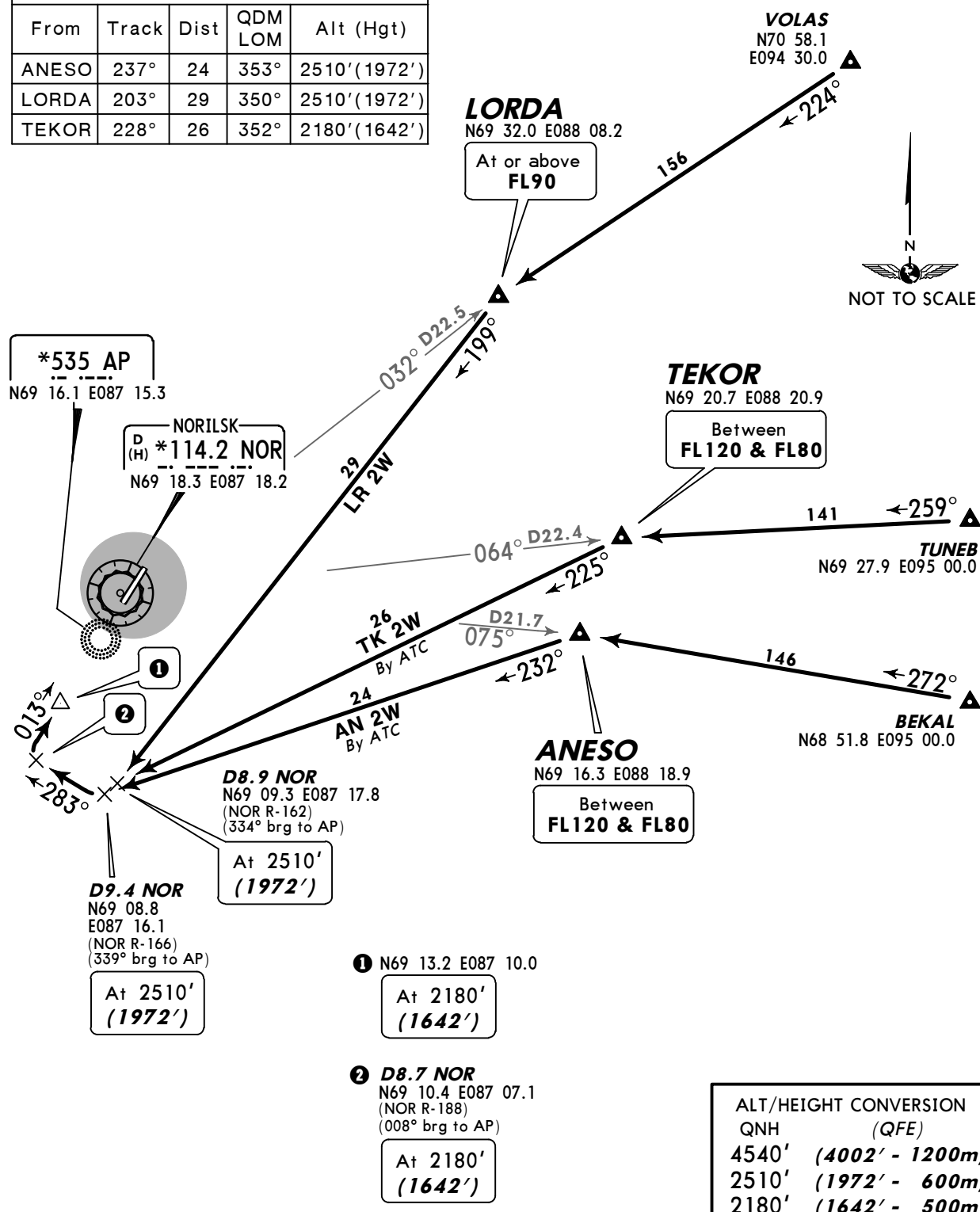
Alt set: MM (hPa on request) QNH on request (QFE)
Trans level: FL60
FL70 if pressure is less than 744 mm (991.9 hPa)
FL80 if pressure is less than 717 mm (955.9 hPa)
Trans alt: 4540' (4002')

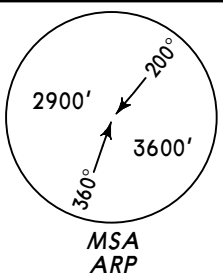
AN 2W, LR 2W, TK 2W RWY 01 ARRIVALS

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')



*NORILSK Control (ASR)
132.5 124.0XApt 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')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
019°
151

NAPAD
N67 07.5 E082 02.2

SUBOT
N69 00.9 E086 25.1
At or above
FL90
017°
028°
D22.5
225°
D25.7
209°

GINDA
N68 52.2 E087 09.7
At or above
FL90
002°
87
350°

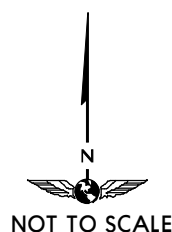
OLURI
N68 52.8 E087 25.1
At or above
FL90
353°
110
340°

NORILSK
D(H) *114.2 NOR
N69 18.3 E087 18.2

*535 BF
N69 21.1 E087 24.5

D10.4 NOR
N69 27.3 E087 32.3
(NOR R-009)
At 2220'
(1649')

D10.1 NOR
N69 28.1 E087 22.8
(NOR R-350)
At 2540'
(1969')



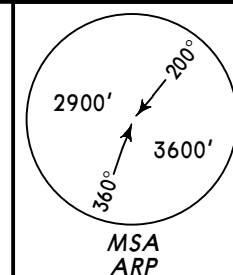
ALT/HEIGHT CONVERSION
QNH (QFE)
4540' (3969' - 1200m)
2540' (1969' - 600m)
2220' (1649' - 500m)

IGARKA
D 112.3 IGR
N67 26.2 E086 38.3

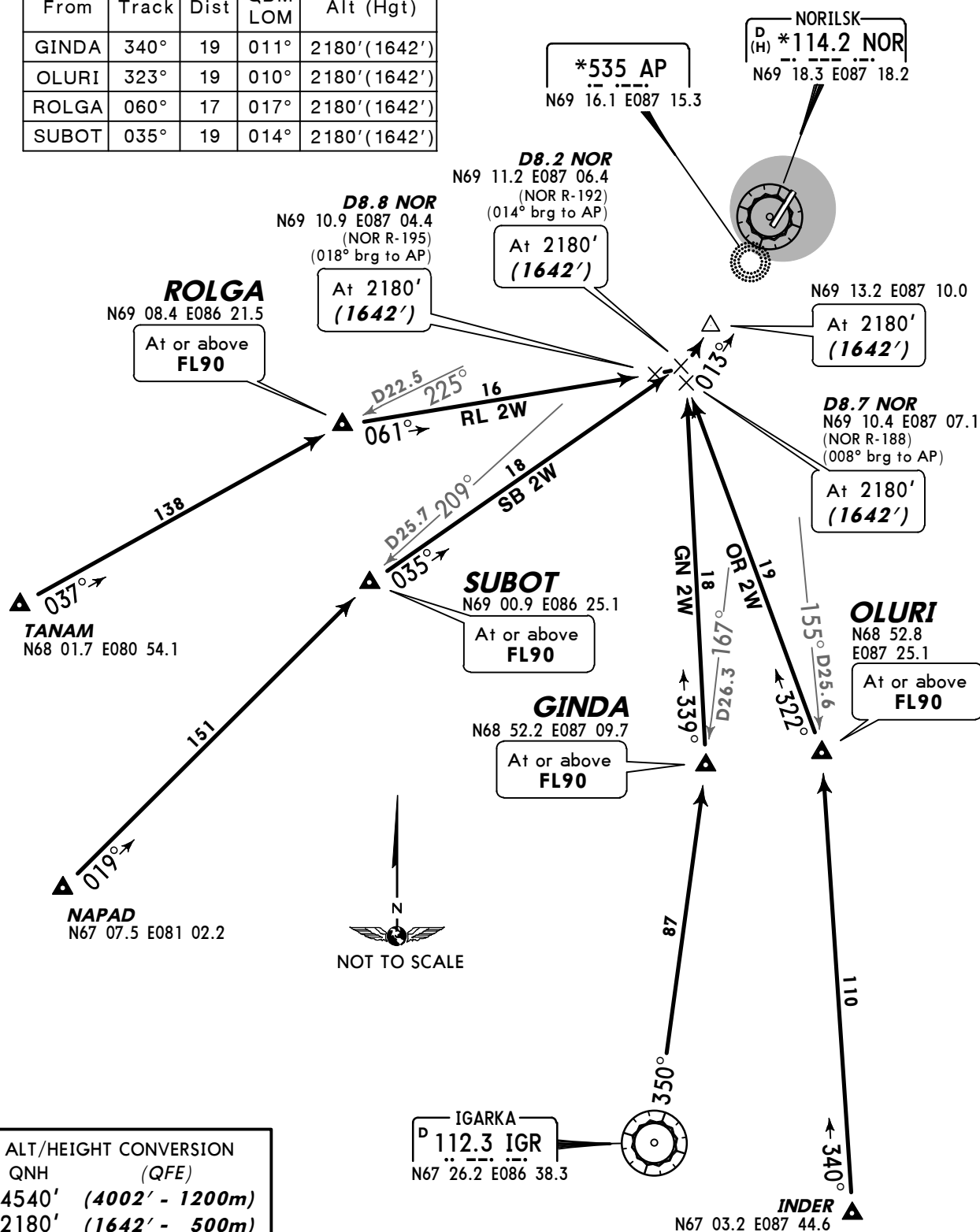
INDER
N67 03.2 E087 44.6

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



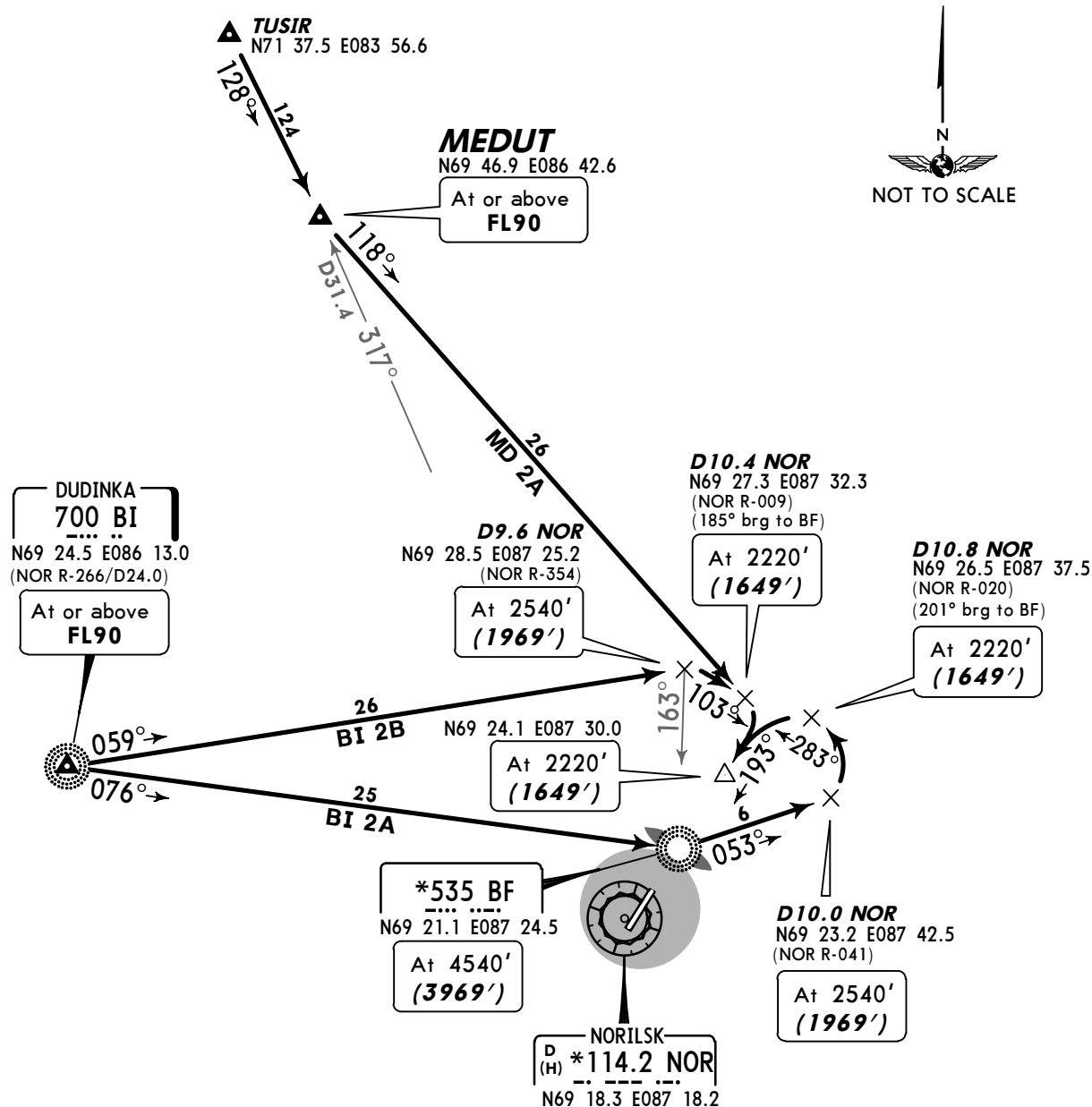
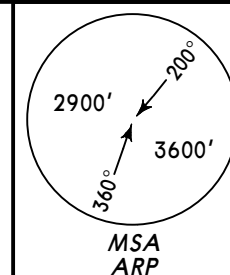
*NORILSK Control (ASR)
132.5 124.0X

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'**)

BI 2A, BI 2B, MD 2A RWY 19 ARRIVALS

FOR RUSSIAN USERS ONLY



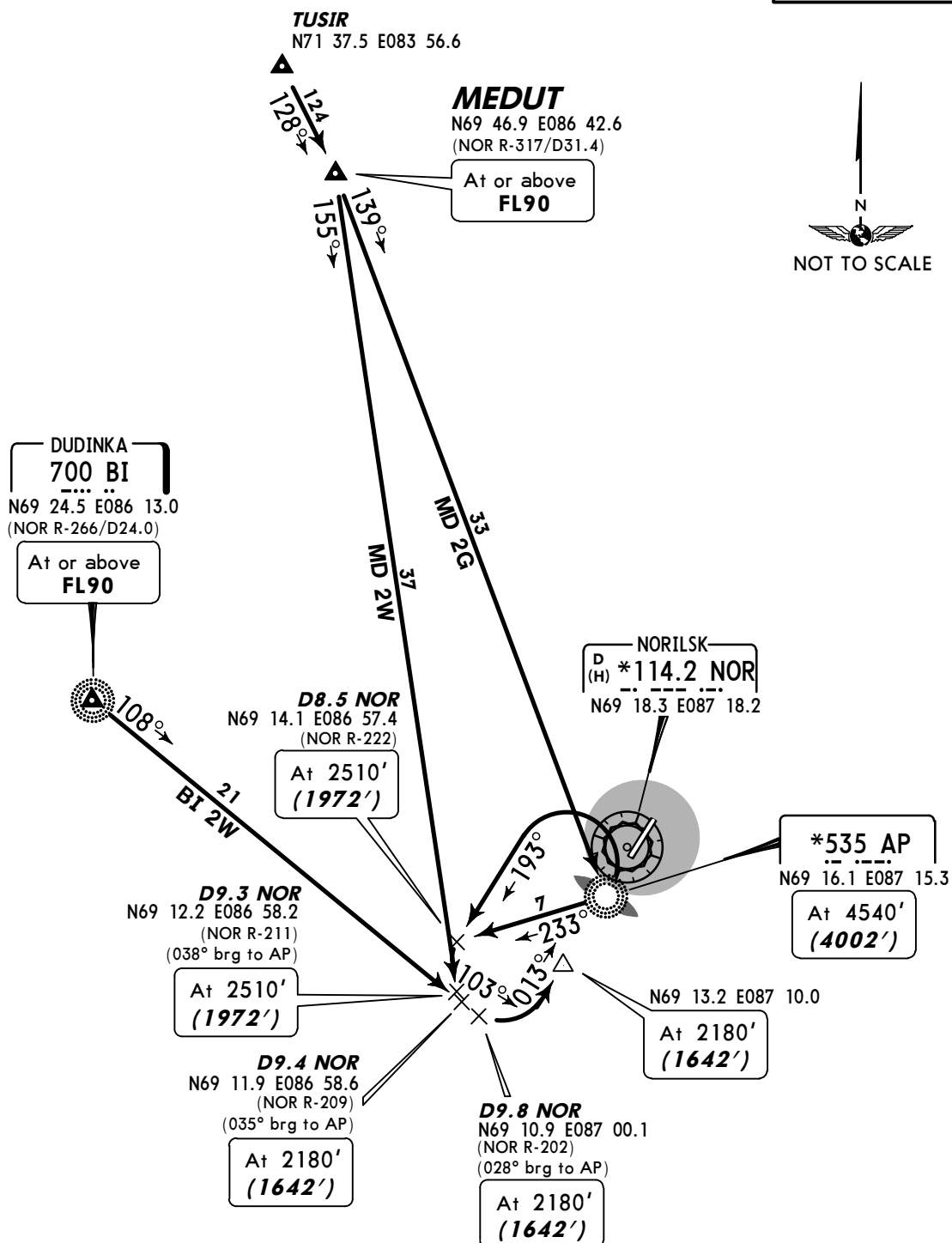
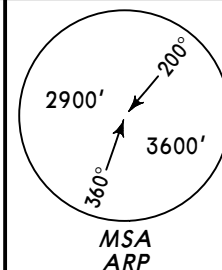
ALT/HEIGHT CONVERSION
QNH (**QFE**)
4540' (**3969' - 1200m**)
2540' (**1969' - 600m**)
2220' (**1649' - 500m**)

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')

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'**)

FOR RUSSIAN USERS ONLY



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'

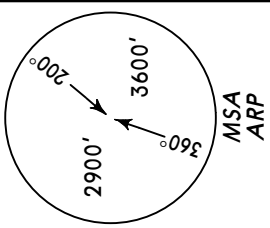
QNH on request (QFE)

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')

AN 1A, BI 1A
LR 1A, MD 1A, TK 1A
RWY 19 DEPARTURES

FOR RUSSIAN USERS ONLY

These SIDs require minimum climb gradients

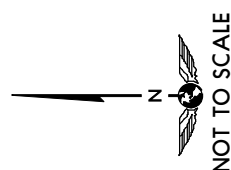
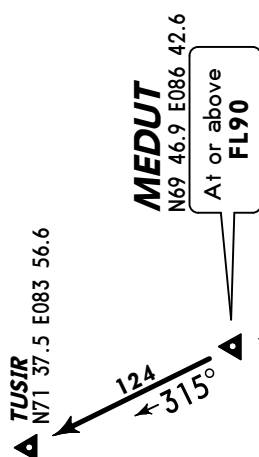
of

AN 1A, TK 1A: 4.6% up to FL80 at
ANESO or TEKOR.

LR 1A: 4.7% up to FL90 at LORDA.

MD 1A: 4% up to FL90 at MEDUT.

Gnd speed-KT	75	100	150	200	250	300
4.7% V/V (fpm)	357	476	714	952	1190	1428
4.6% V/V (fpm)	349	466	699	932	1165	1398
4% V/V (fpm)	304	405	608	810	1013	1215

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)

LORDA

N69 32.0 E088 08.2

At or above
FL90

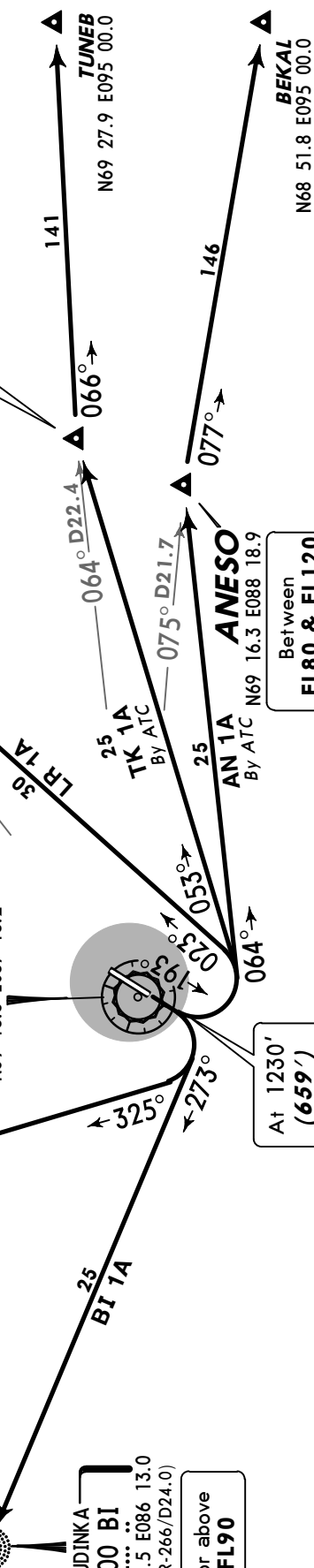
TEKOR

N69 20.7 E088 20.9

Between
FL80 & FL120NORILSK
D *114.2 NOR
(H) N69 18.3 E087 18.2

DUDINKA

700 BI

N69 24.5 E086 13.0
(NOR R-266/D24.0)At or above
FL90

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

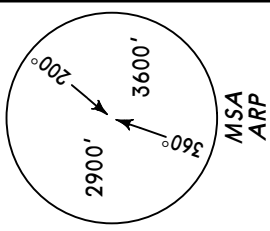
QNH on request (QFE)

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' (4002')

AN 1B, BI 1B
LR 1B, MD 1B, TK 1B
RWY 01 DEPARTURES

FOR RUSSIAN USERS ONLY

These SIDs require minimum climb gradients

of

AN 1B, TK 1B: 5.6% up to FL80 at
ANESO or TEKOR.If unable to comply, perform LEFT climbing turn
via AP, then proceed to ANESO or TEKOR.

BI 1B: 5.1% up to FL90 at BI.

LR 1B: 6.2% up to FL90 at LORDA.

MD 1B: 4.4% up to FL90 at MEDUT.

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

Gnd speed-KT	75	100	150	200	250	300
6.2% V/V (fpm)	471	628	942	1256	1570	1884
5.6% V/V (fpm)	425	567	851	1134	1418	1701
5.1% V/V (fpm)	387	516	775	1033	1291	1549
4.4% V/V (fpm)	334	446	668	891	1114	1337

LORDA

N69 32.0 E088 08.2
(NOR R-032/D22.5)At or above
FL90

TEKOR

N69 20.7 E088 20.9

Between
FL80 & FL120

ANESO

N69 16.3 E088 18.9

Between
FL80 & FL120

TUSIR

N71 37.5 E083 56.6

MEDUT

N69 46.9 E086 42.6

At or above
FL90

NOT TO SCALE

ALT/HEIGHT CONVERSION

QNH (QFE)

1200' (662' - 200m)

4540' (4002' - 1200m)



*NORILSK Control (ASR)
132.5 124.0X

Apt Elev
594'

QNH on request (QFE)

Trans level: FL60

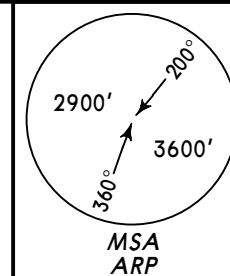
FL70 if pressure is less than 744 mm (991.9 hPa)

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



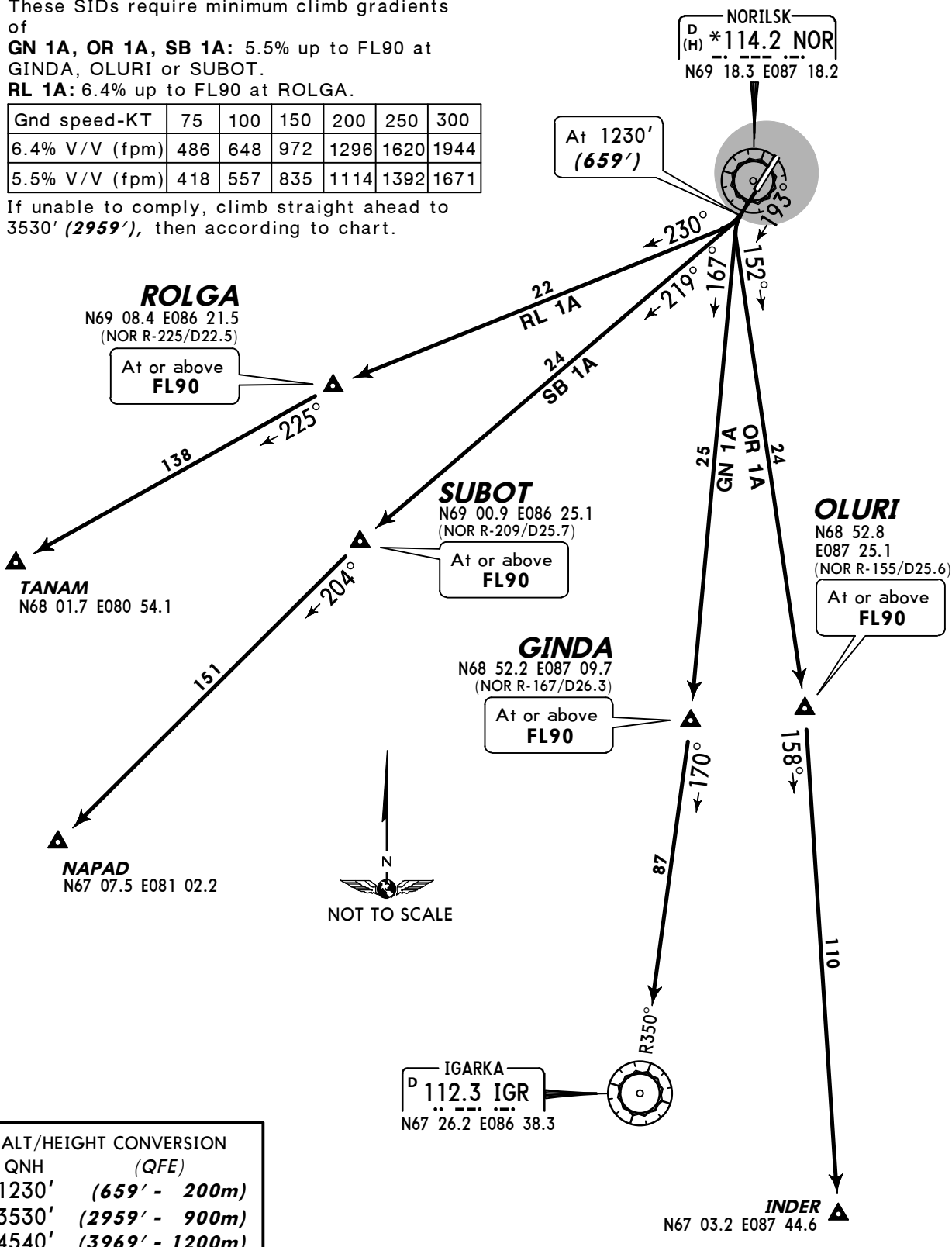
These SIDs require minimum climb gradients of

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.



*NORILSK Control (ASR)
132.5 124.0X

Apt Elev
594'

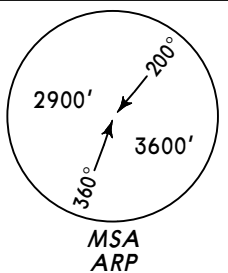
QNH on request (QFE)

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' (**4002'**)



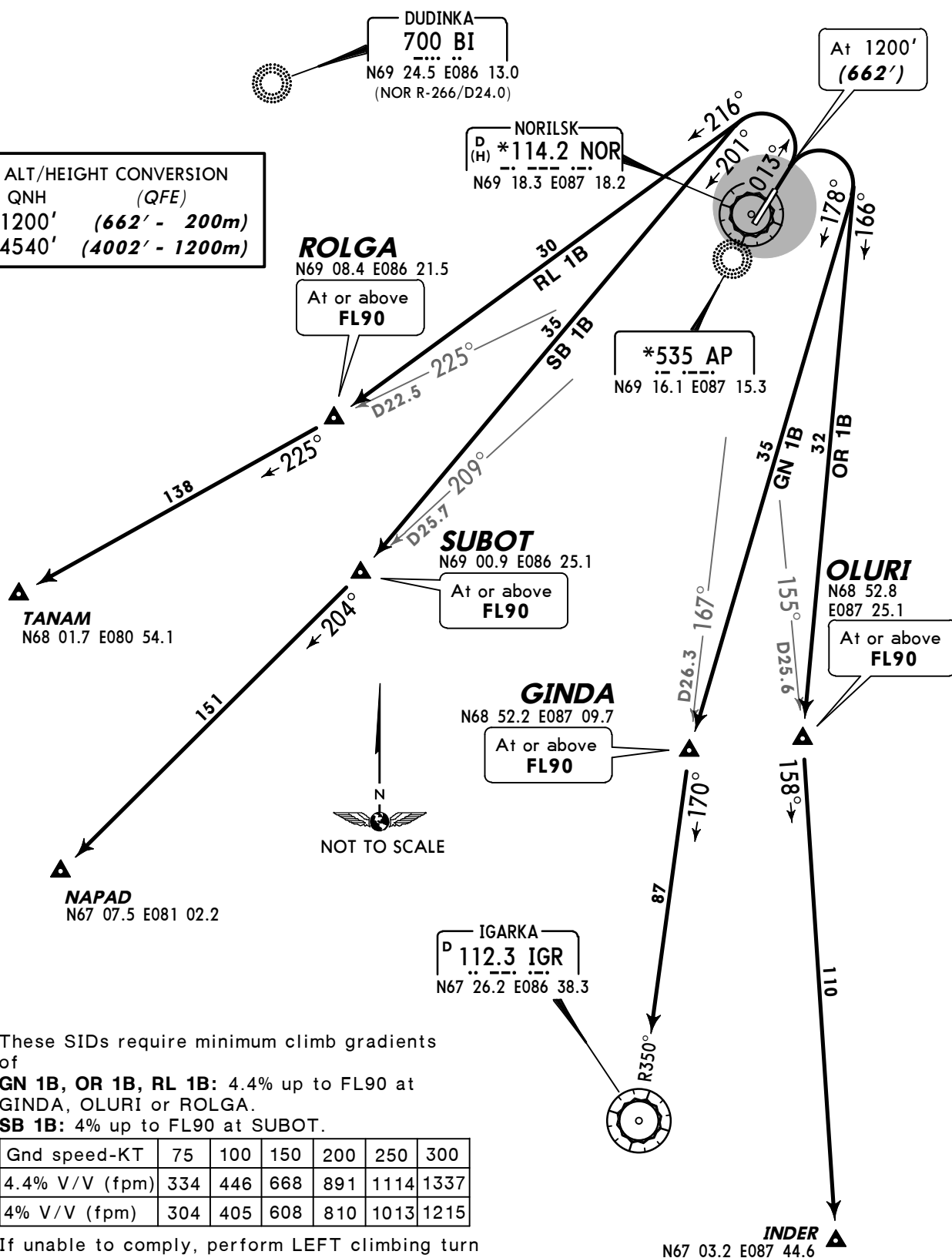
GN 1B, OR 1B, RL 1B, SB 1B RWY 01 DEPARTURES

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)



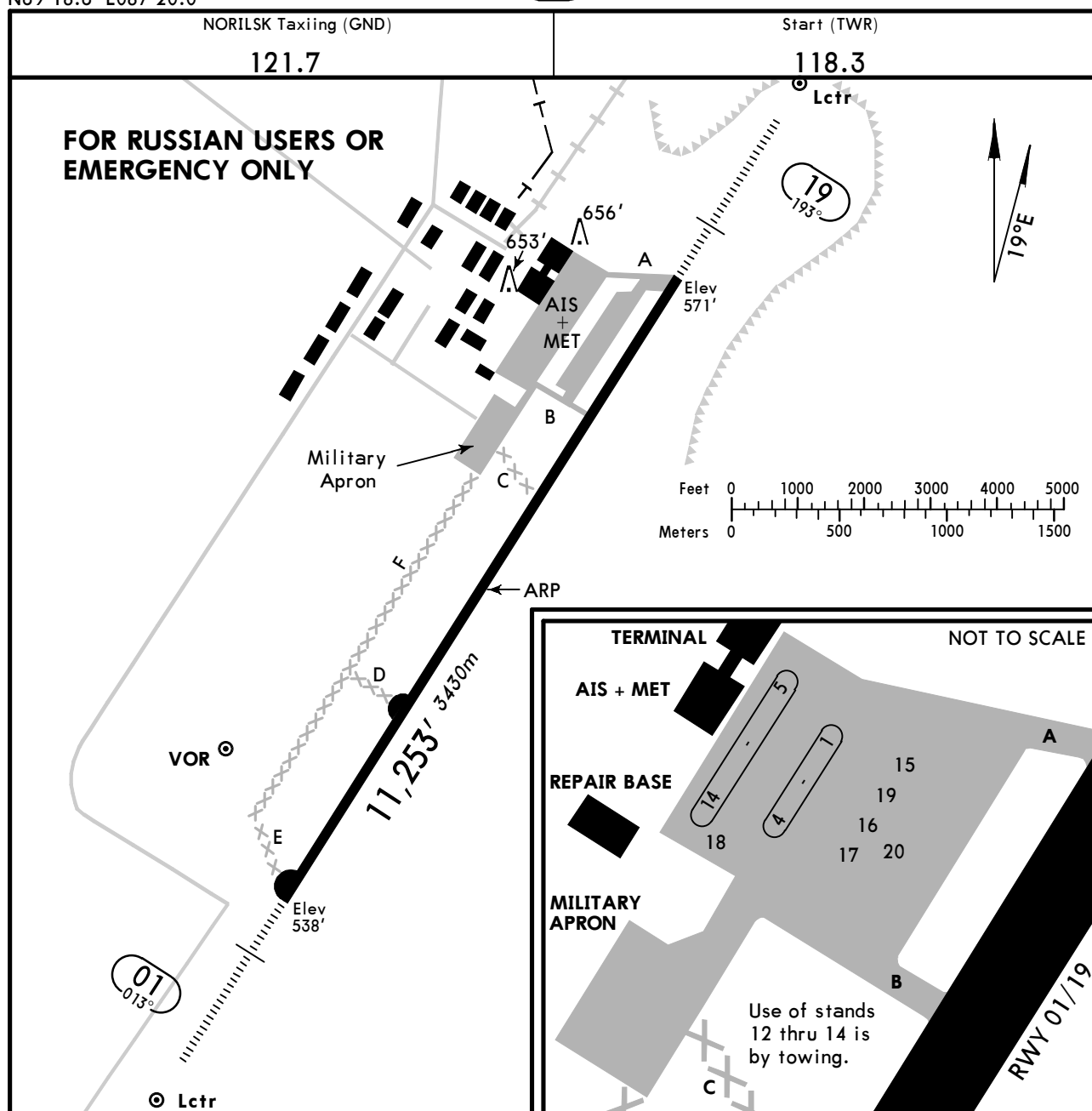
These SIDs require minimum climb gradients of

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.



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

ADDITIONAL RUNWAY INFORMATION					USABLE LENGTHS		WIDTH	
RWY					LANDING BEYOND			TAKE-OFF
					Threshold	Glide Slope		
01	HIRL (60m)	HIALS	PAPI-L (angle 2.67°)		10,170' 3100m	10,925' 3330m ①	148' 45m	
19	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		
B	250m	
C		400m
D	300m	

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.

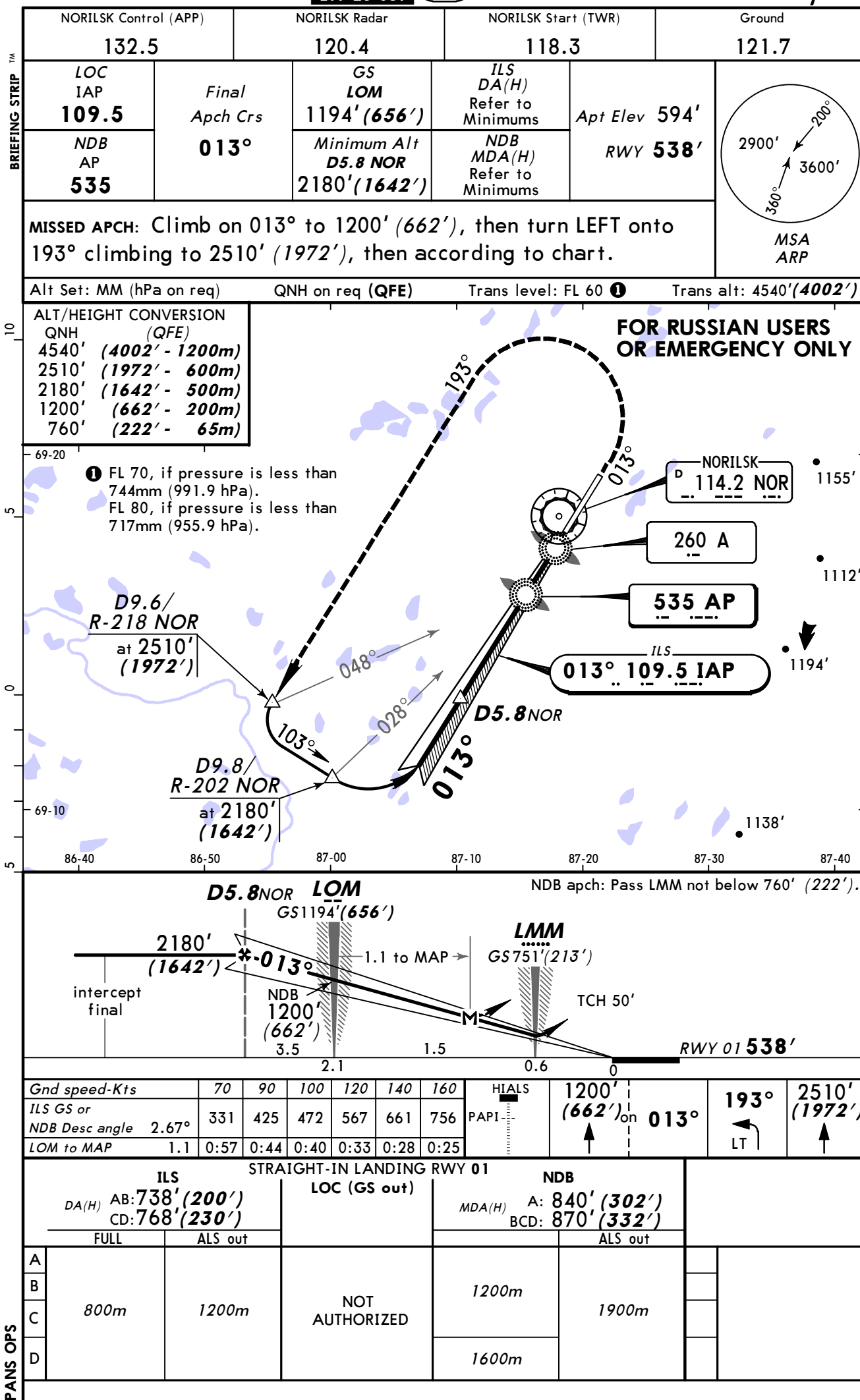
TAKE-OFF RWY 01, 19

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

JEPPesen
20 JUL 12
Eff 26 Jul 11-1

NORILSK, RUSSIA
ILS or 2 NDB Rwy 01



CHANGES: Transition level.

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U000/NSK
ALYKEL

JEPPESSEN
20 JUL 12
Eff 26 Jul 11-2

NORILSK, RUSSIA
ILS or 2 NDB Rwy 19

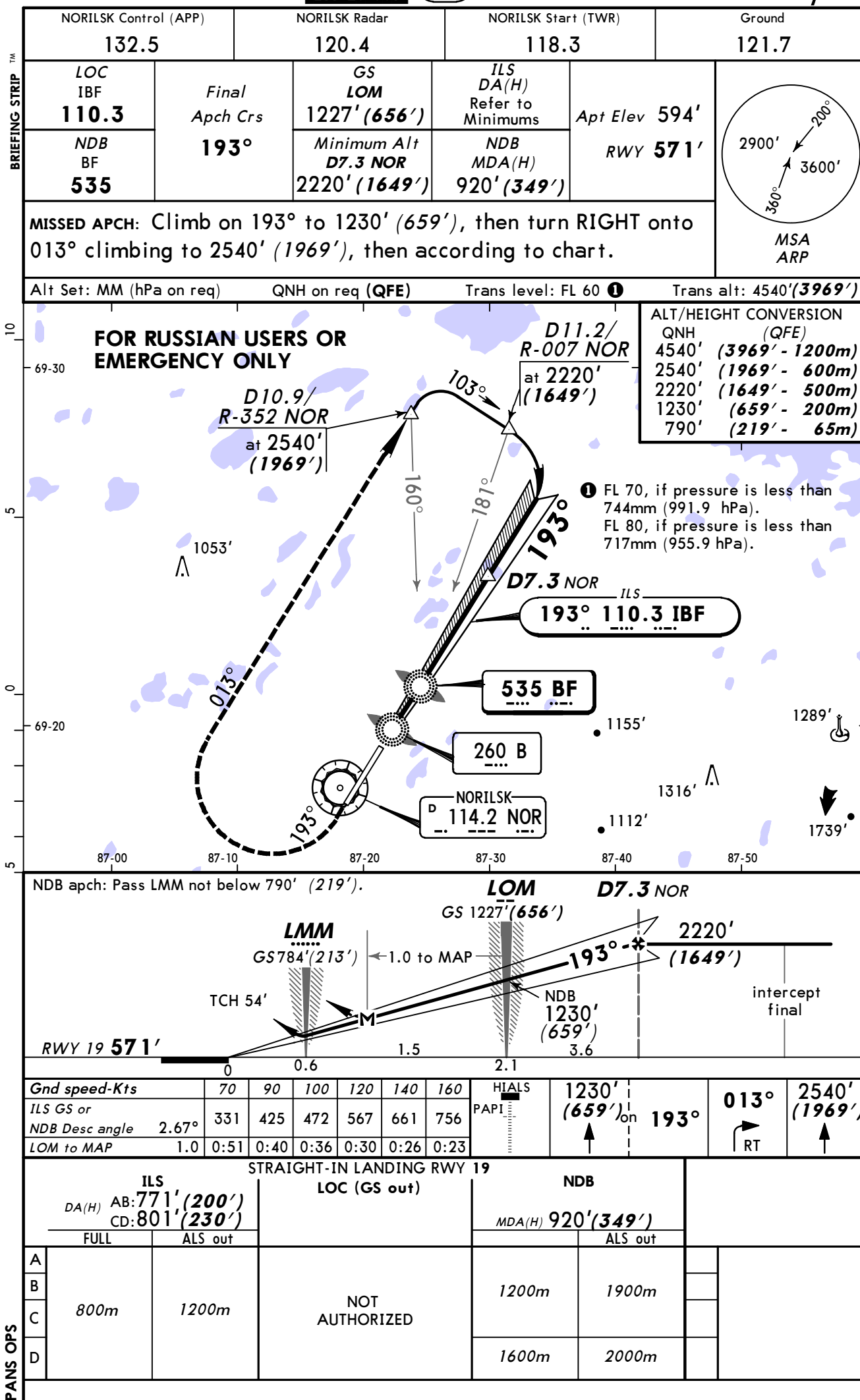


Chart changes since cycle 24-2012

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
NORILSK, (ALYKEL - U000)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UOOO