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Airport Information For USDD

Terminal Charts For USDD

Revision Letter For Cycle 08-2026

Change Notices

Notebook

General Information

Location: SALEKHARD RUS
ICAO/IATA: USDD / SLY
Lat/Long: N66° 35.43', E066° 36.67'
Elevation: 219 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -5:00 = UTC
Magnetic Variation: 23.0° E

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

Sunrise: 2231 Z
Sunset: 1630 Z

Runway Information

Runway: 04
Length x Width: 8934 ft x 151 ft
Surface Type: asphalt
TDZ-Elev: 218 ft
Lighting: Edge, ALS

Runway: 22
Length x Width: 8934 ft x 151 ft
Surface Type: asphalt
TDZ-Elev: 185 ft
Lighting: Edge, ALS

Communication Information

ATIS: 127.800 Non-English
Salekhard Start Tower: 118.600 Non-English
Salekhard Start Tower: 129.000 Secondary Non-English
Salekhard Perron Ramp/Taxi: 118.800 Non-English
Salekhard Transit Operations: 131.700 Non-English
Salekhard Krug Radar: 120.800 Non-English
Salekhard Krug Radar: 129.000 Secondary Non-English

USDD/SLY SALEKHARD

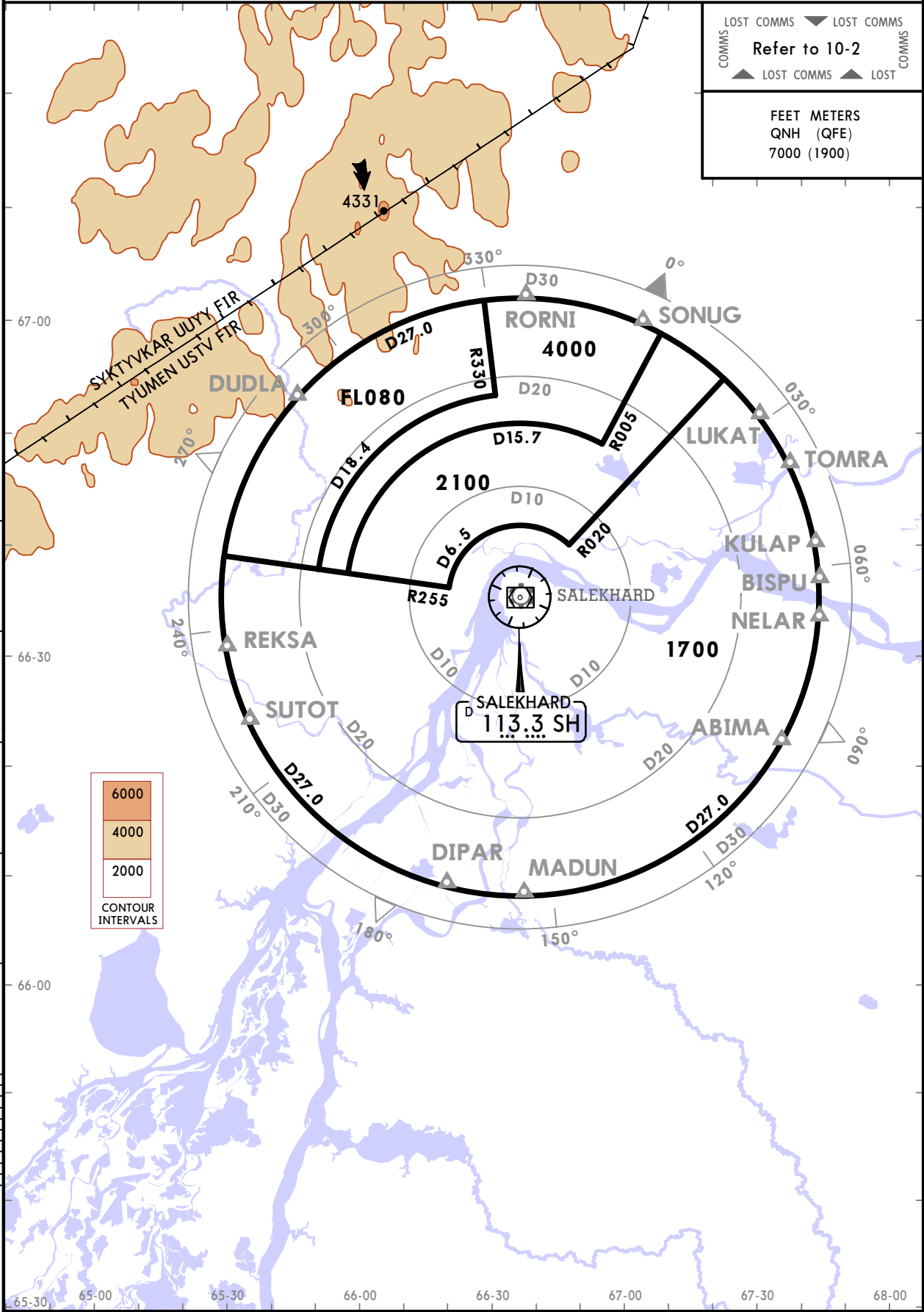
JEPPESEN

SALEKHARD, RUSSIA

22 NOV 24 **(10-1R)** Eff 28 Nov **RADAR MINIMUM ALTITUDES**

Alt Set: hPa (MM on request)
 Trans level: FL080
 FL090 if pressure is less than 1013 hPa (760mm)
 FL100 if pressure is less than 977 hPa (733mm)
 Trans alt: 7000 QNH (QFE on request)
 1. Chart only to be used for cross-checking of altitudes while under RADAR control.
 2. Under low temperature conditions, minimum altitudes must be corrected.

FOR RUSSIAN USERS ONLY



Changes: FL in Northwestern sector.

USDD / SLY
SALEKHARD



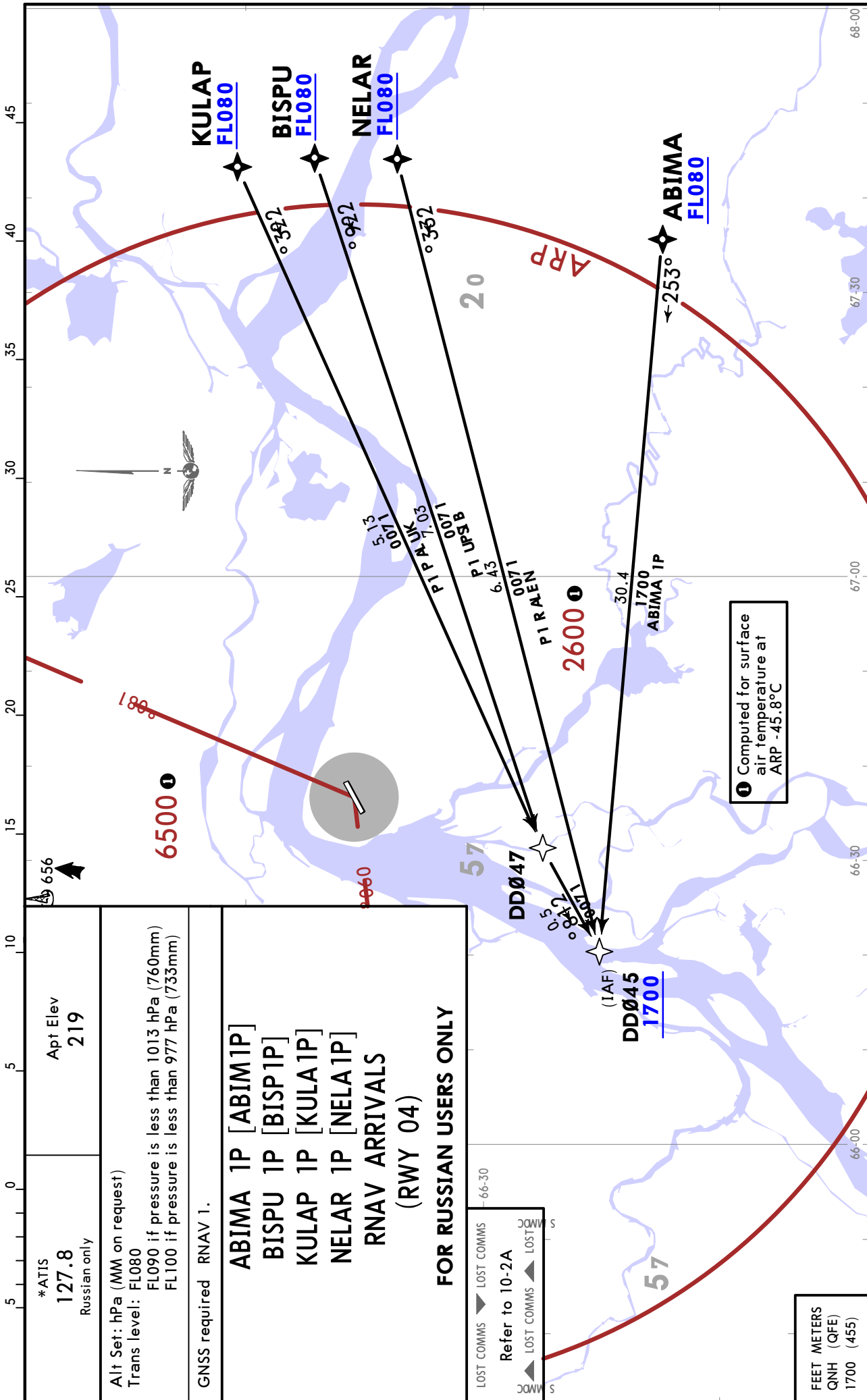
SALEKHARD, RUSSIA

22 NOV 24

10-2A

Eff 28 Nov

RNAV STAR



USDD/SLY SALEKHARD



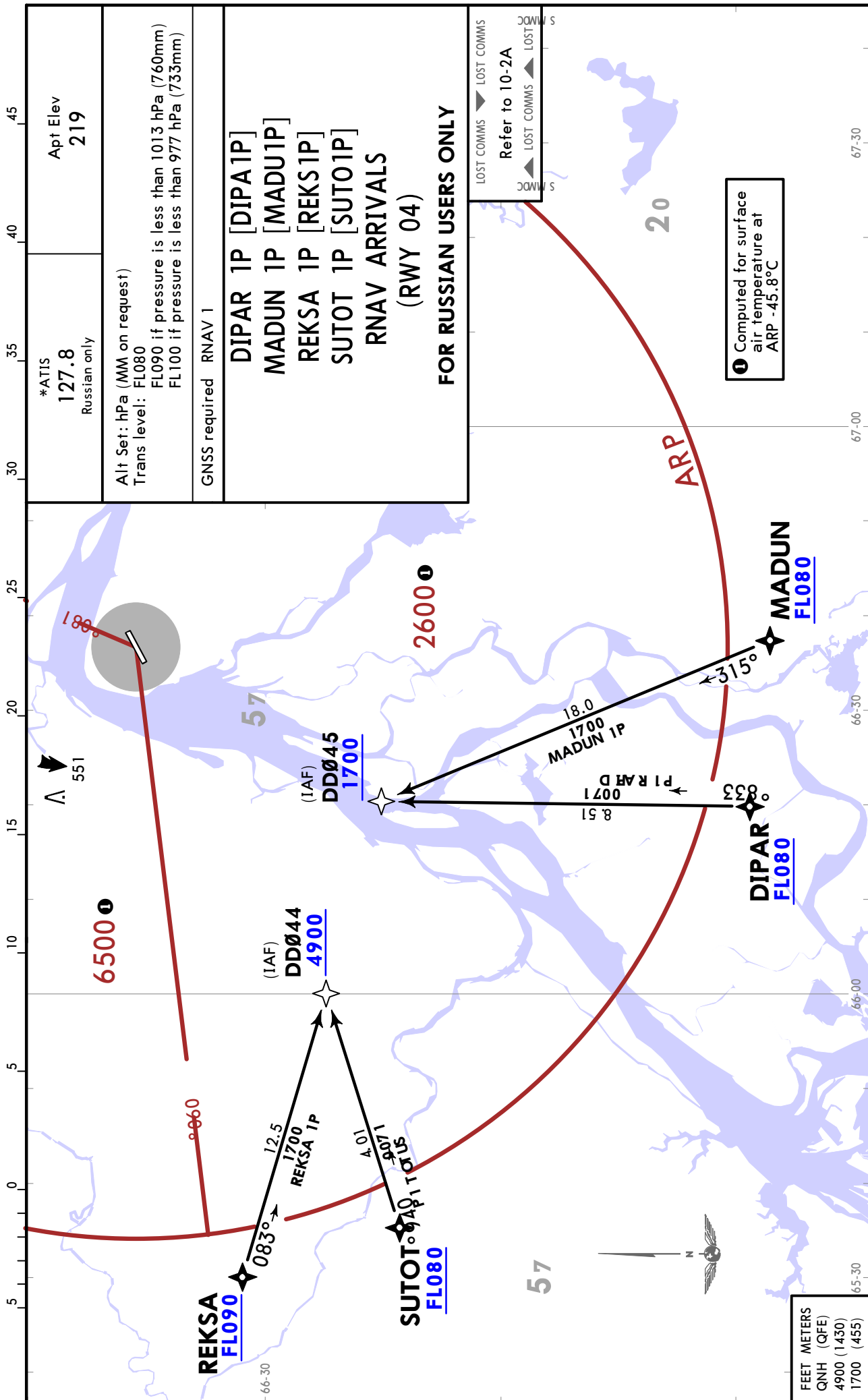
SALEKHARD, RUSSIA

22 NOV 24

10-2B

Eff 28 Nov

RNAV STAR



*ATIS
127.8
Russian only

Apt Elev
219

Alt Set: hPa (MM on request)
Trans level: FL080
FL090 if pressure is less than 1013 hPa (760mm)
FL100 if pressure is less than 977 hPa (733mm)

GNSS required RNAV 1

**DIPAR 1P [DIPA1P]
MADUN 1P [MADU1P]
REKSA 1P [REKS1P]
SUTOT 1P [SUTO1P]
RNAV ARRIVALS
(RWY 04)**

FOR RUSSIAN USERS ONLY

Refer to 10-2A

LOST COMMS ▼ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▼

Computed for surface air temperature at ARP -45.8°C

FEET METERS
QNH (QFE)
4900 (1430)
1700 (455)

USDD/SLY
SALEKHARD



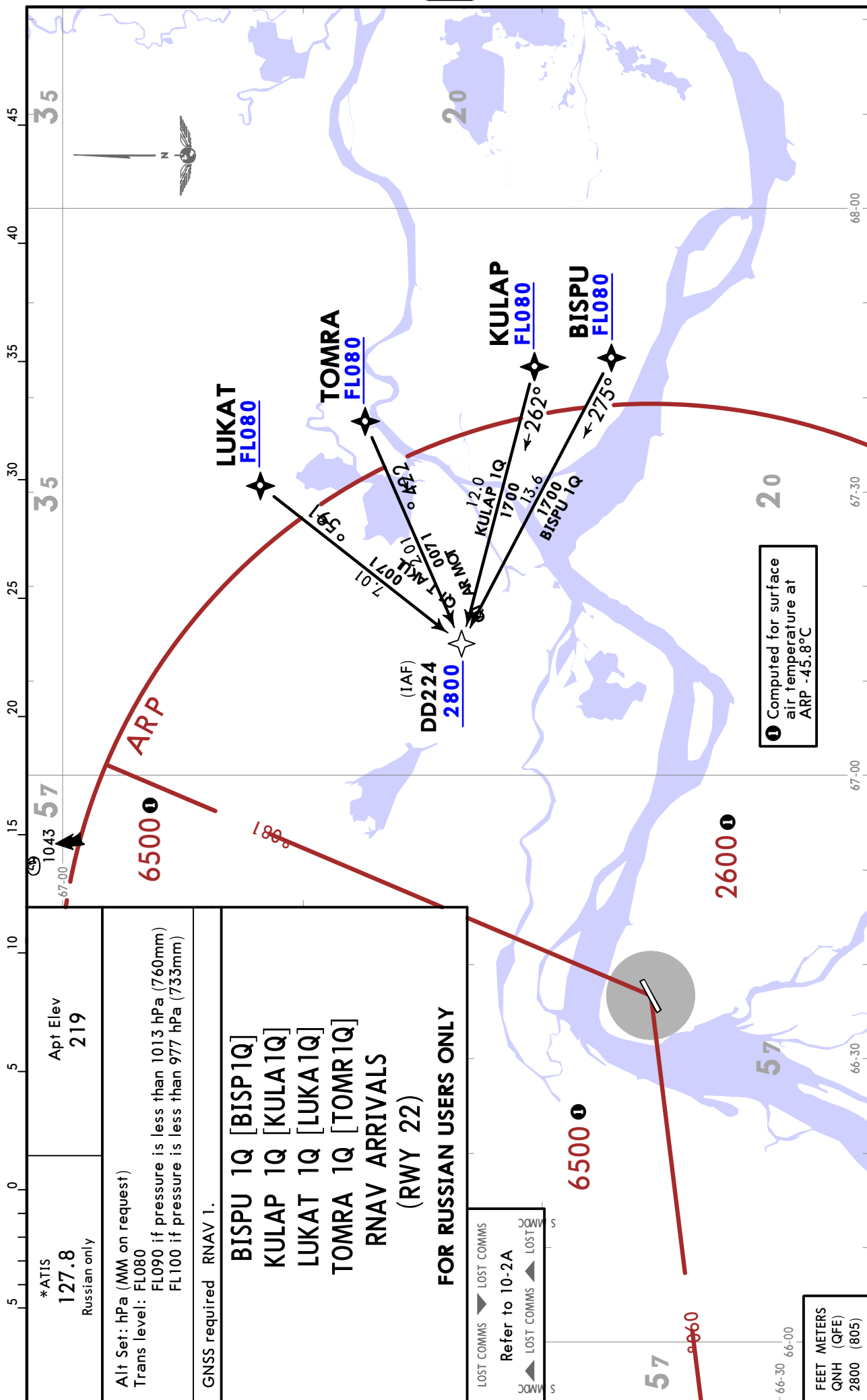
SALEKHARD, RUSSIA

22 NOV 24

10-2C

Eff 28 Nov

RNAV STAR



USDD/SLY
SALEKHARD

JEPPESSEN

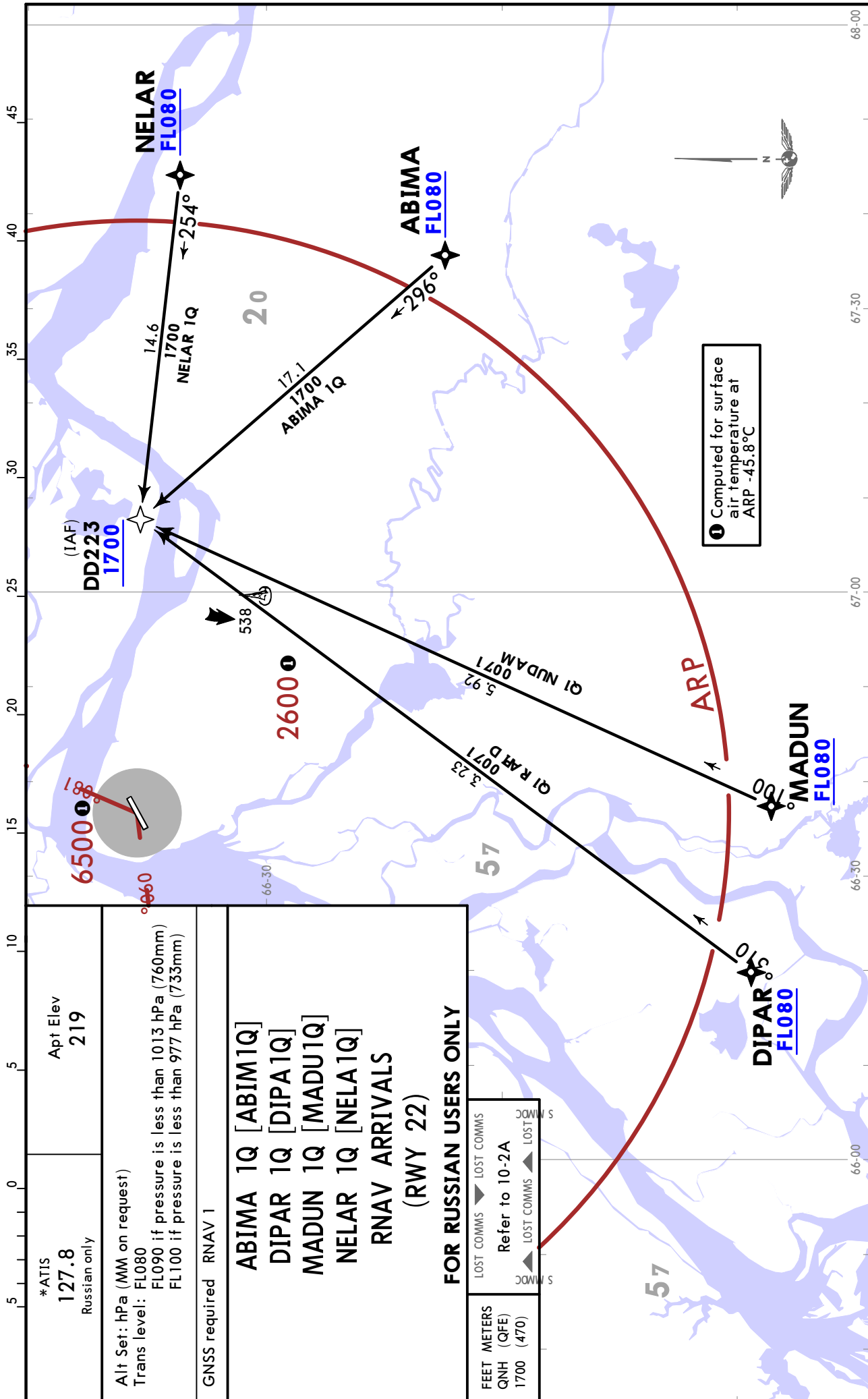
SALEKHARD, RUSSIA

22 NOV 24

10-2D

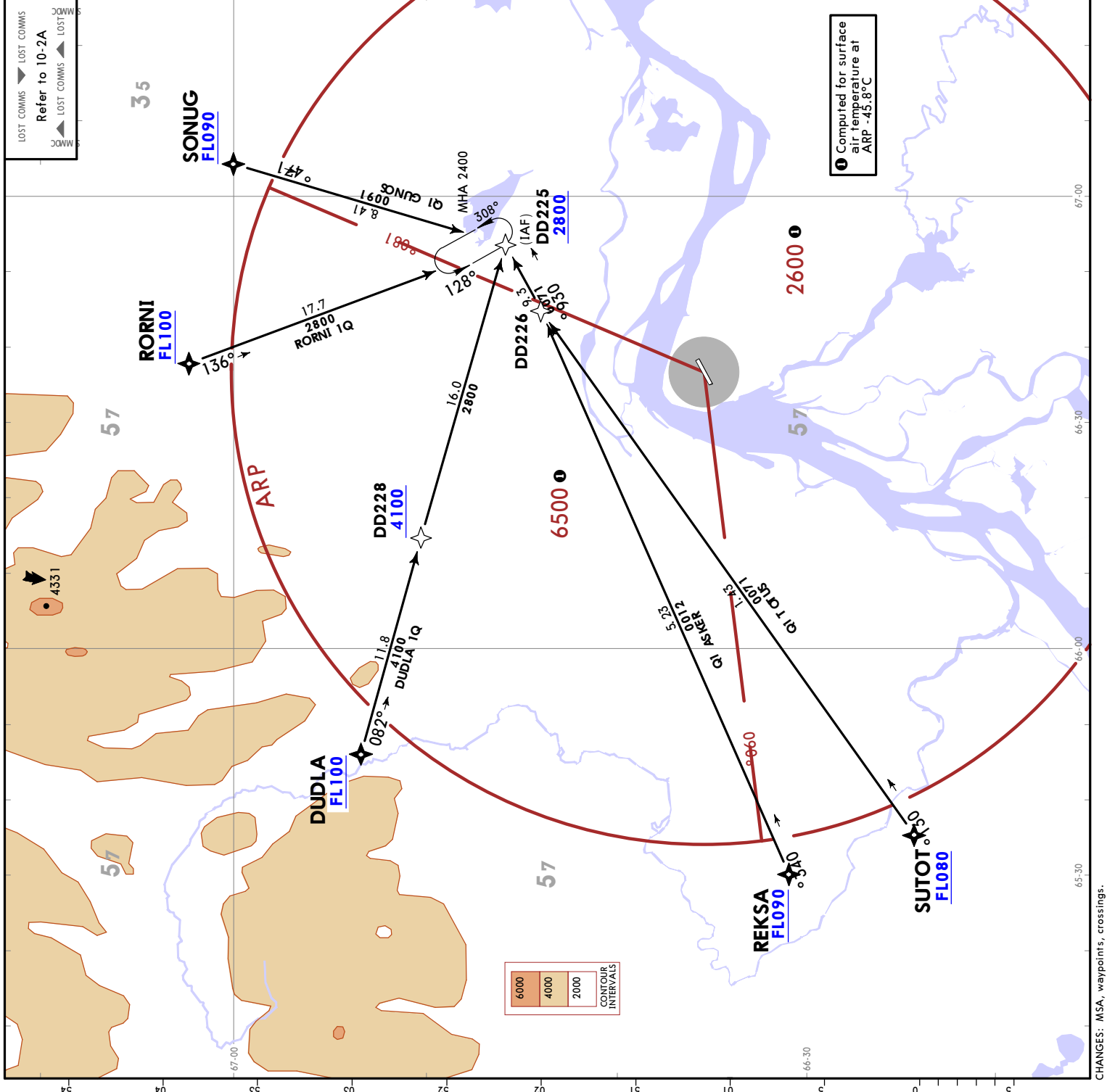
Eff 28 Nov

RNAV STAR



*ATIS 127.8 Russian only	Apt Elev 219
Alt Set: hPa (MM on request) Trans level: FL080 FL090 if pressure is less than 1013 hPa (760mm) FL100 if pressure is less than 977 hPa (733mm)	
GNSS required RNAV 1	
ABIMA 1Q [ABIM1Q] DIPAR 1Q [DIPA1Q] MADUN 1Q [MADU1Q] NELAR 1Q [NELA1Q] RNAV ARRIVALS (RWY 22)	
FOR RUSSIAN USERS ONLY	
FEET METERS QNH (QFE) 1700 (470)	LOST COMMS ▼ LOST COMMS Refer to 10-2A LOST COMMS ▲ LOST COMMS

*ATIS 127.8 Russian only	Apt Elev 219
Alt Set: hPa (MM on request) Trans level: FL080 FL090 if pressure is less than 1013 hPa (766mm) FL100 if pressure is less than 977 hPa (733mm)	
GNSS required RNAV 1.	
DUDLA 1Q [DUDL1Q] REKSA 1Q [REKS1Q] RORNI 1Q [RORN1Q] SONUG 1Q [SONU1Q] SUTOT 1Q [SUTO1Q] RNAV ARRIVALS (RWY 22)	
FOR RUSSIAN USERS ONLY	



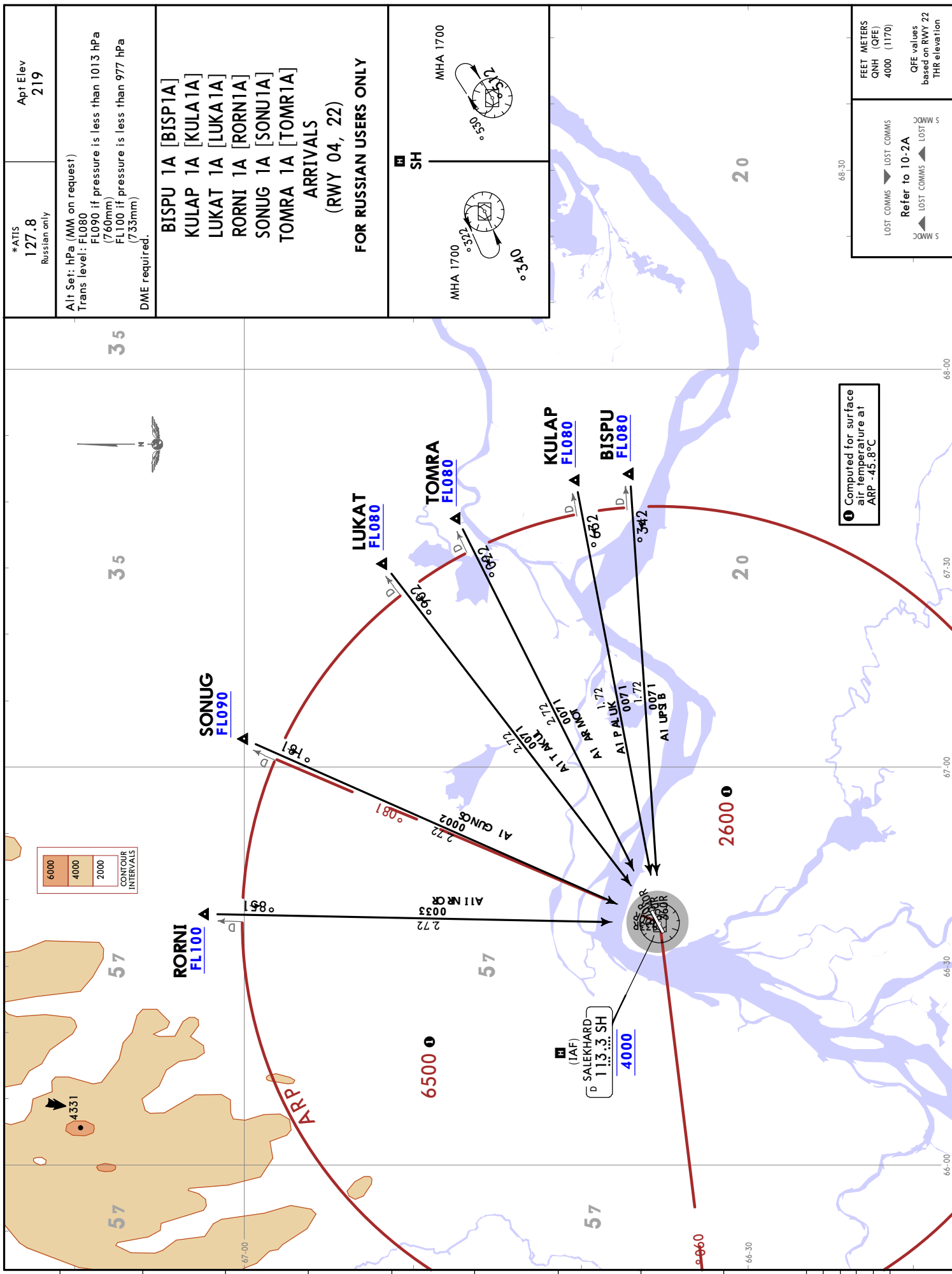
STAR

22 NOV 24 (10-2G) Eff: 28 Nov

USDD/SLY SALEKHARD

JEPPESEN

SALEKHARD, RUSSIA



*ATIS 127.8 Russian only	Apt Elev 219
Alt Set: hPa (MM on request) Trans level: FL080 if pressure is less than 1013 hPa (760mm) FL100 if pressure is less than 977 hPa (733mm) DME required.	
BISPU 1A [BISP1A] KULAP 1A [KULA1A] LUKAT 1A [LUKA1A] RORNI 1A [RORN1A] SONUG 1A [SONU1A] TOMRA 1A [TOMR1A] ARRIVALS (RWY 04, 22) FOR RUSSIAN USERS ONLY	
MHA 1700 °302	MHA 1700 °302
SH	
MHA 1700 °302	MHA 1700 °302

FEET METERS
GNH (QFE)
4000 (1170)

Refer to 10-2A
QFE values based on RWY 22 THR elevation

LOST COMMS ▼ LOST COMMS
S MDC ▲ LOST COMMS ▲ LOST COMMS

68-30

Computed for surface air temperature at ARP -45.8°C

USDD/SLY
SALEKHARD



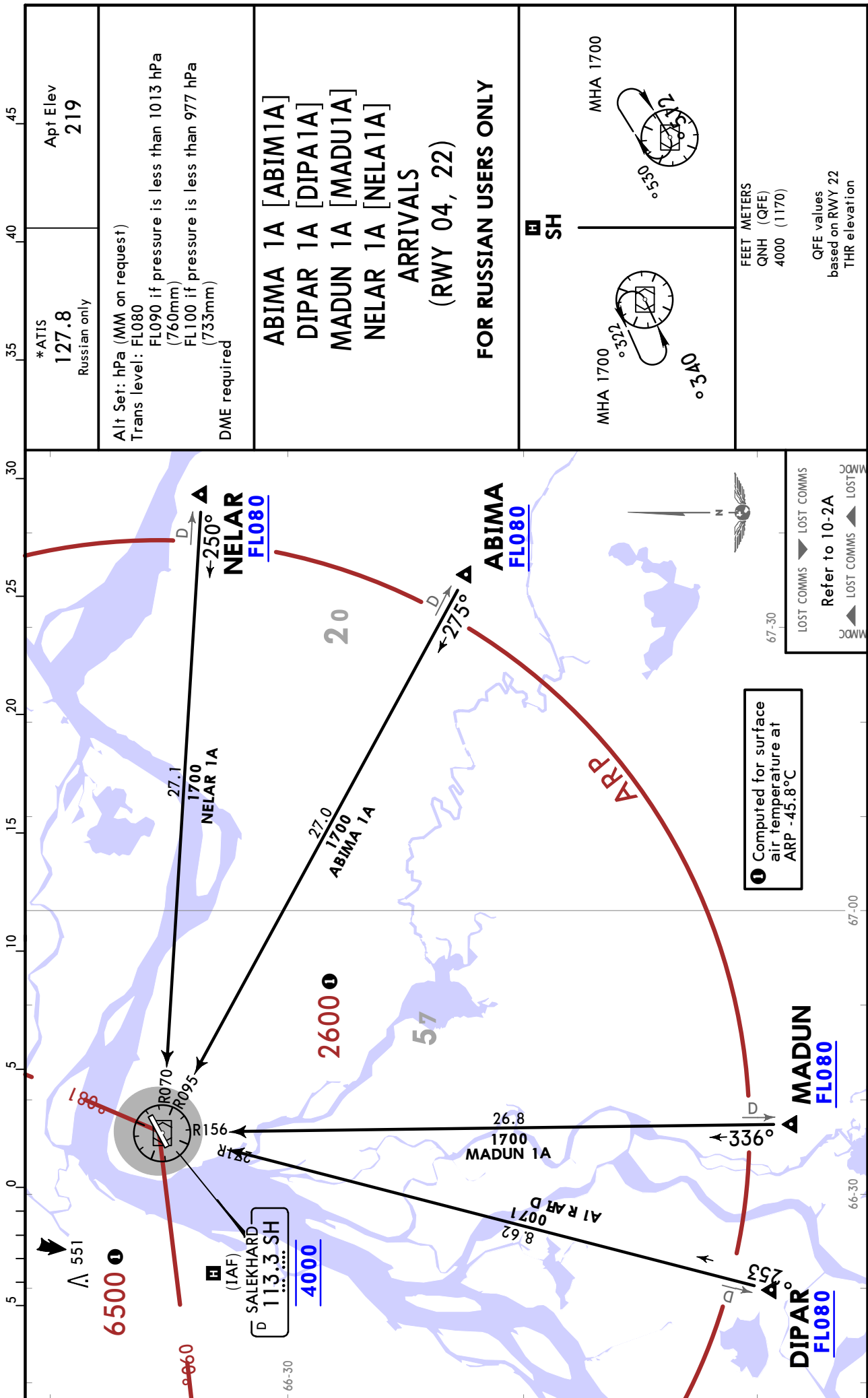
SALEKHARD, RUSSIA

22 NOV 24

10-2H

Eff 28 Nov

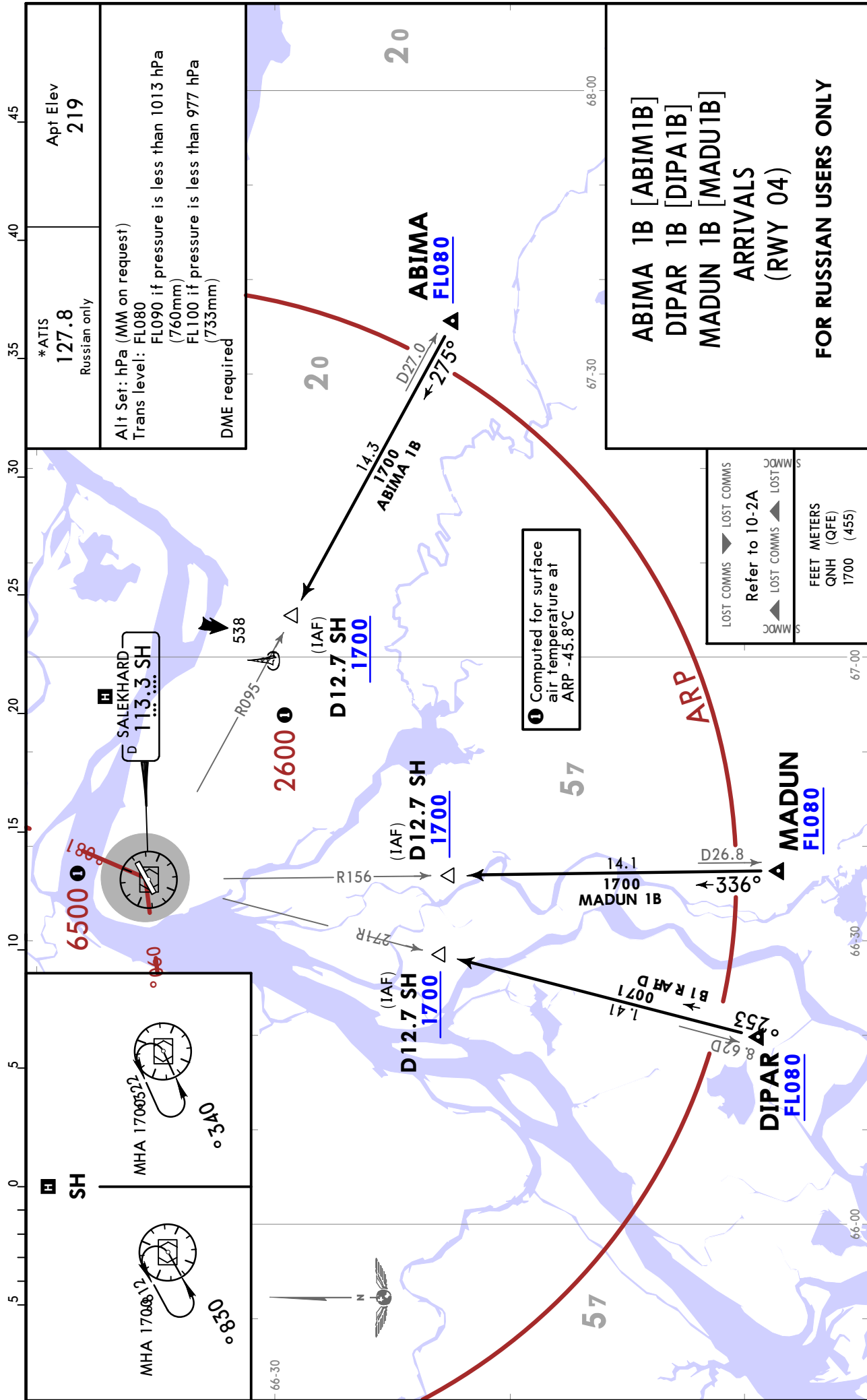
STAR



USDD/SLY SALEKHARD

SALEKHARD, RUSSIA

STAR



USDD/SLY
SALEKHARD



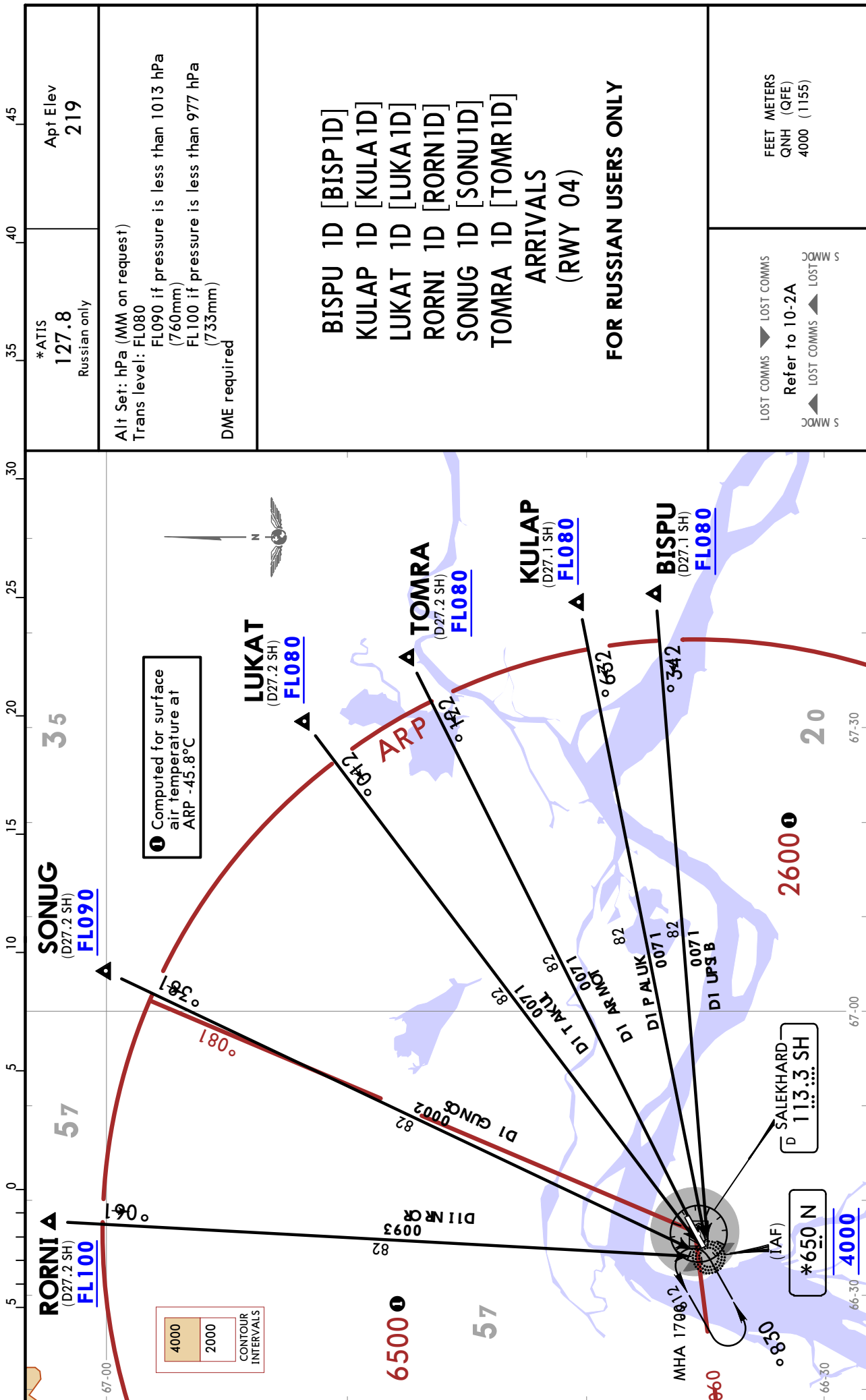
SALEKHARD, RUSSIA

22 NOV 24

10-2M

Eff 28 Nov

STAR



USDD/SLY
SALEKHARD



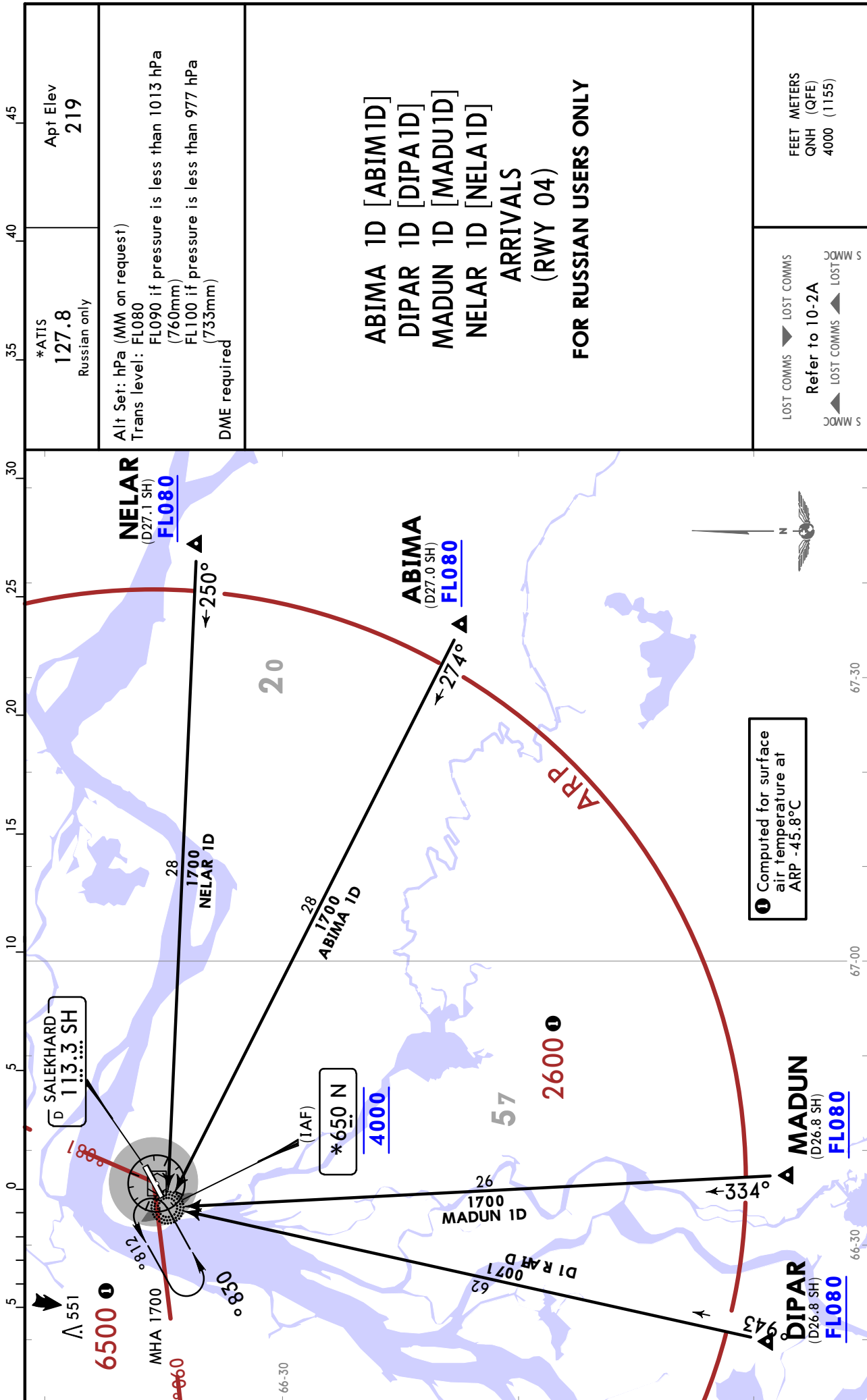
SALEKHARD, RUSSIA

22 NOV 24

10-2N

Eff 28 Nov

STAR



CHANGES: MSA, crossings.

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.45	*ATIS 127.8 Russian only	Apt Elev 219
.40	Alt Set: hPa (MM on request) Trans level: FL080 FL090 if pressure is less than 1013 hPa (760mm) FL100 if pressure is less than 977 hPa (733mm) DME required	
.35	ABIMA 1D [ABIM1D] DIPAR 1D [DIPA1D] MADUN 1D [MADU1D] NELAR 1D [NELA1D] ARRIVALS (RWY 04) FOR RUSSIAN USERS ONLY	
.30	LOST COMMS ▼ LOST COMMS Refer to 10-2A ▲ LOST COMMS ▲ LOST COMMS	FEET METERS QNH (QFE) 4000 (1155)

USDD/SLY
SALEKHARD



SALEKHARD, RUSSIA

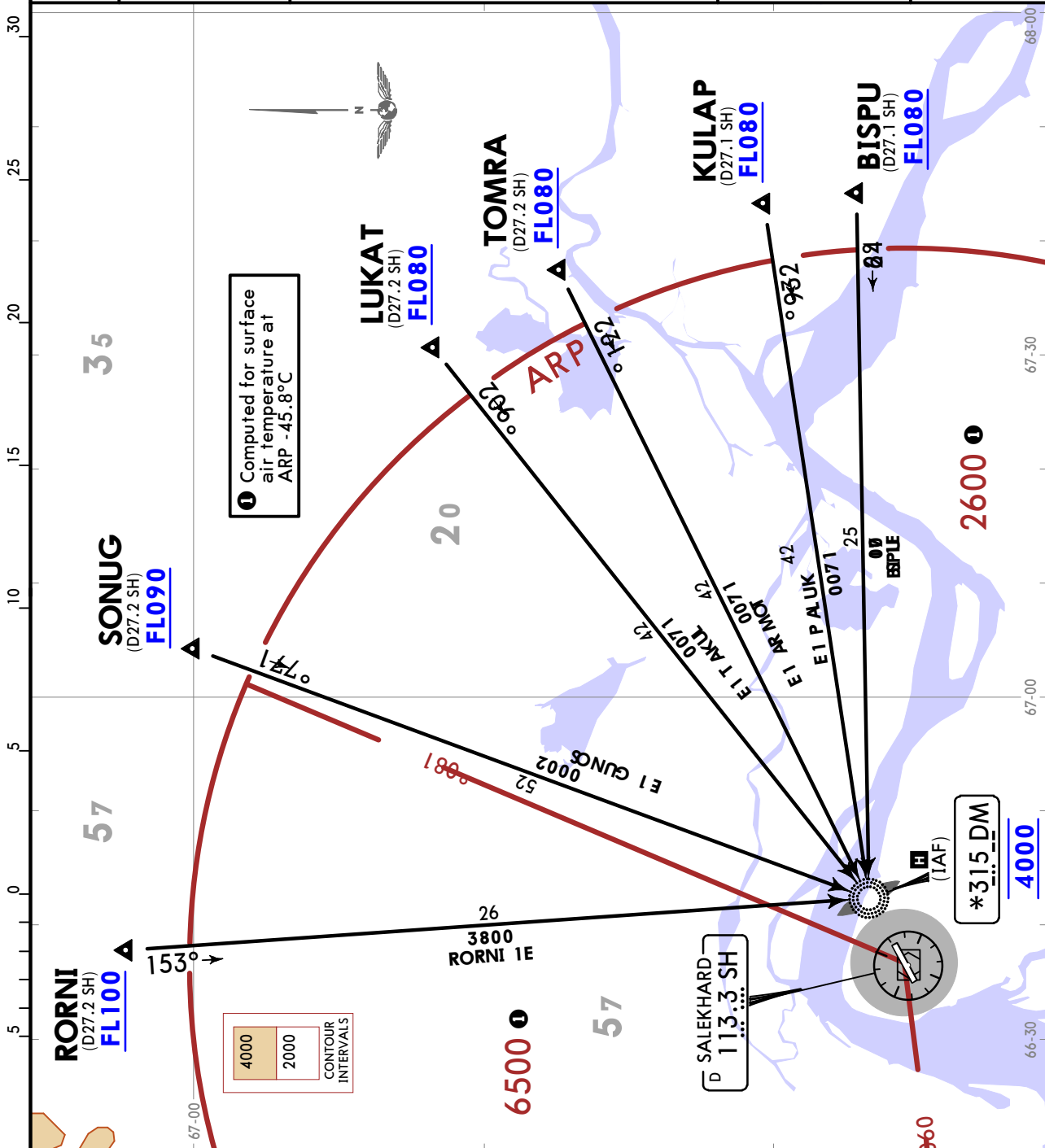
22 NOV 24

(10-2Q)

Eff 28 Nov

STAR

45	*ATIS 127.8 Russian only	Apt Elev 219
40	Alt Set: hPa (MM on request) Trans level: FL080 FL090 if pressure is less than 1013 hPa (760mm) FL100 if pressure is less than 977 hPa (733mm) DME required	
35	BISPU 1E [BISP1E] KULAP 1E [KULA1E] LUKAT 1E [LUKA1E] RORNI 1E [RORN1E] SONUG 1E [SONU1E] TOMRA 1E [TOMR1E] ARRIVALS (RWY 22) FOR RUSSIAN USERS ONLY	
30	H DM 	FEET METERS QNH (QFE) 4000 (1170)
25	LOST COMMS ▼ LOST COMMS Refer to 10-2A ▲ LOST COMMS ▲ LOST S MDC S MDC	



USDD/SLY SALEKHARD



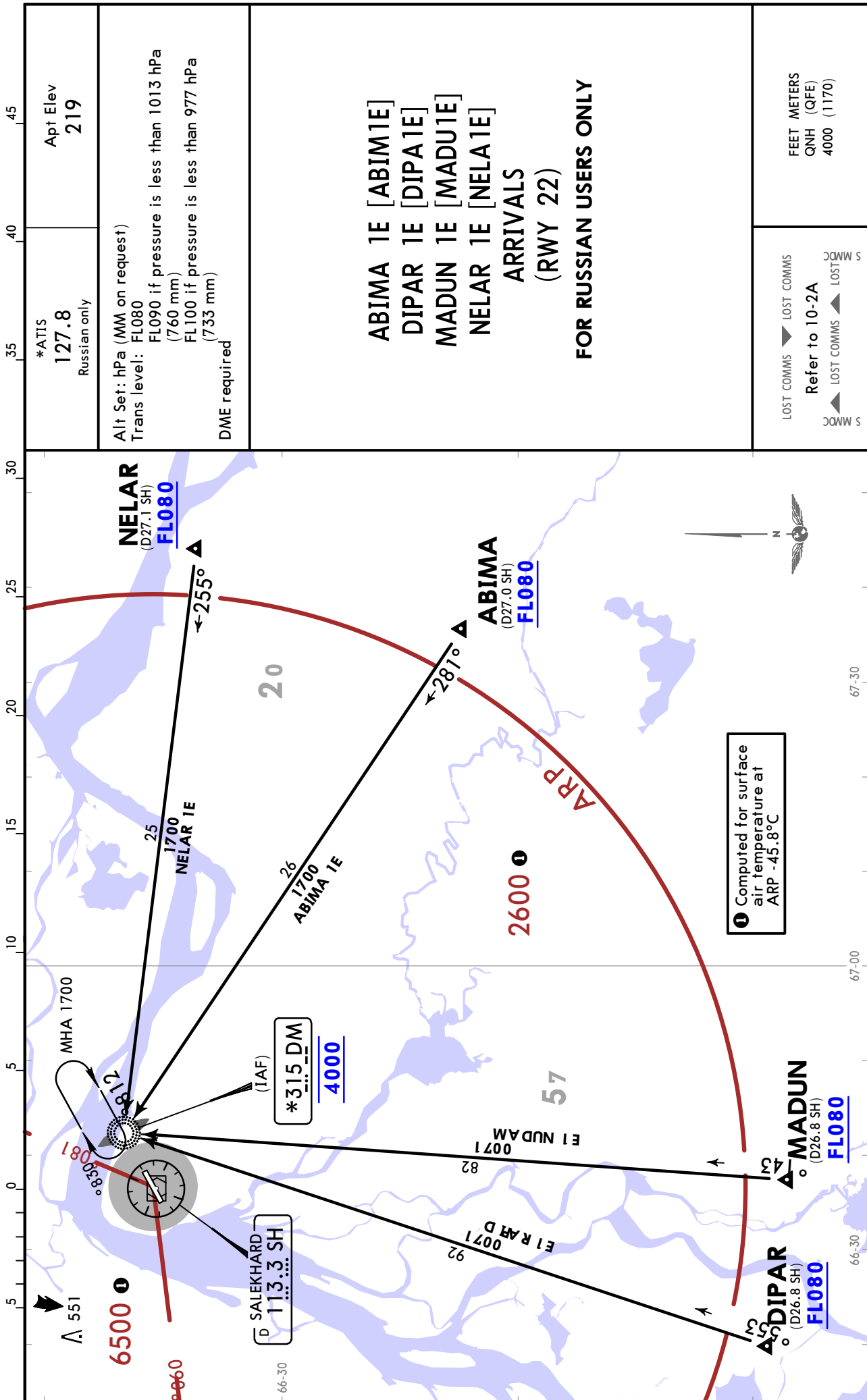
SALEKHARD, RUSSIA

22 NOV 24

10-2S

Eff 28 Nov

STAR



USDD/SLY SALEKHARD



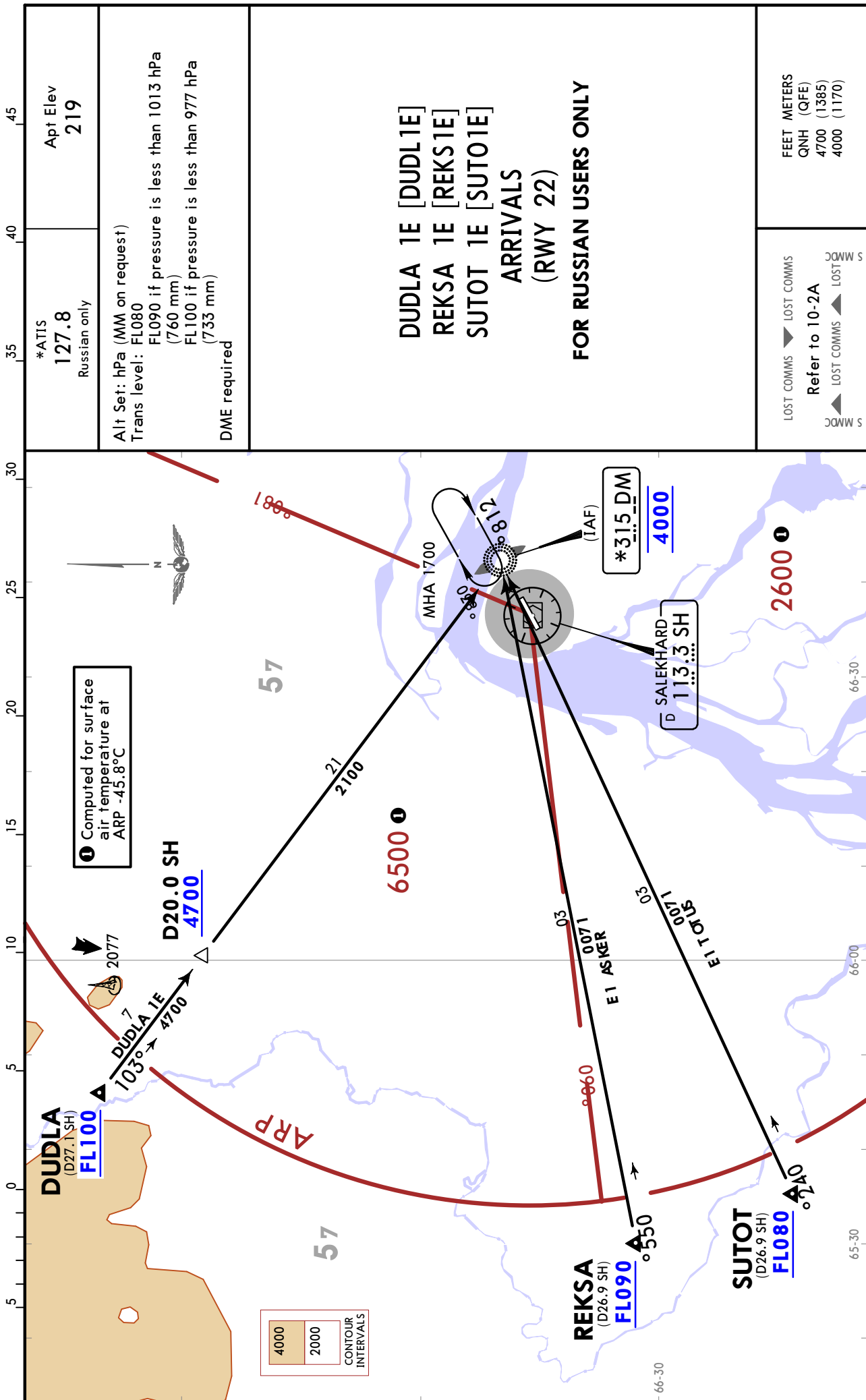
SALEKHARD, RUSSIA

22 NOV 24

10-2T

Eff 28 Nov

STAR



USDD/SLY SALEKHARD



SALEKHARD, RUSSIA

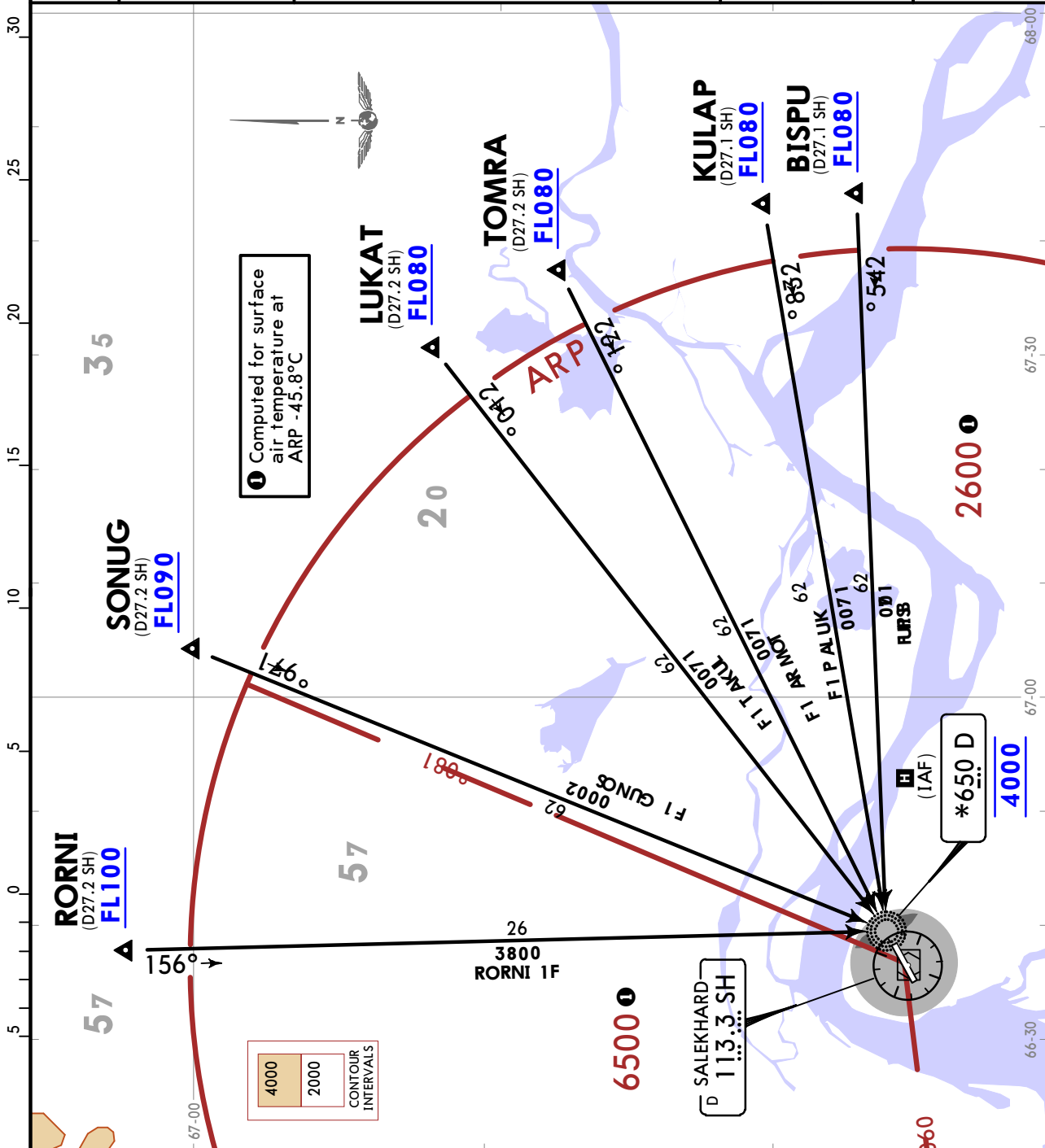
22 NOV 24

10-2U

Eff 28 Nov

STAR

45	*ATIS 127.8 Russian only	Apt Elev 219
40	Alt Set: hPa (MM on request) Trans level: FL080 FL090 if pressure is less than 1013 hPa (760 mm) FL100 if pressure is less than 977 hPa (733 mm) DME required	
35	BISPU 1F [BISP1F] KULAP 1F [KULA1F] LUKAT 1F [LUKA1F] RORNI 1F [RORN1F] SONUG 1F [SONU1F] TOMRA 1F [TOMR1F] ARRIVALS (RWY 22) FOR RUSSIAN USERS ONLY	
30	H D MHA 1700	FEET METERS QNH (QFE) 4000 (1170)
25	LOST COMMS ▼ LOST COMMS Refer to 10-2A ▲ LOST COMMS ▲ LOST COMMS S MDC S MDC S	



USDD/SLY
SALEKHARD



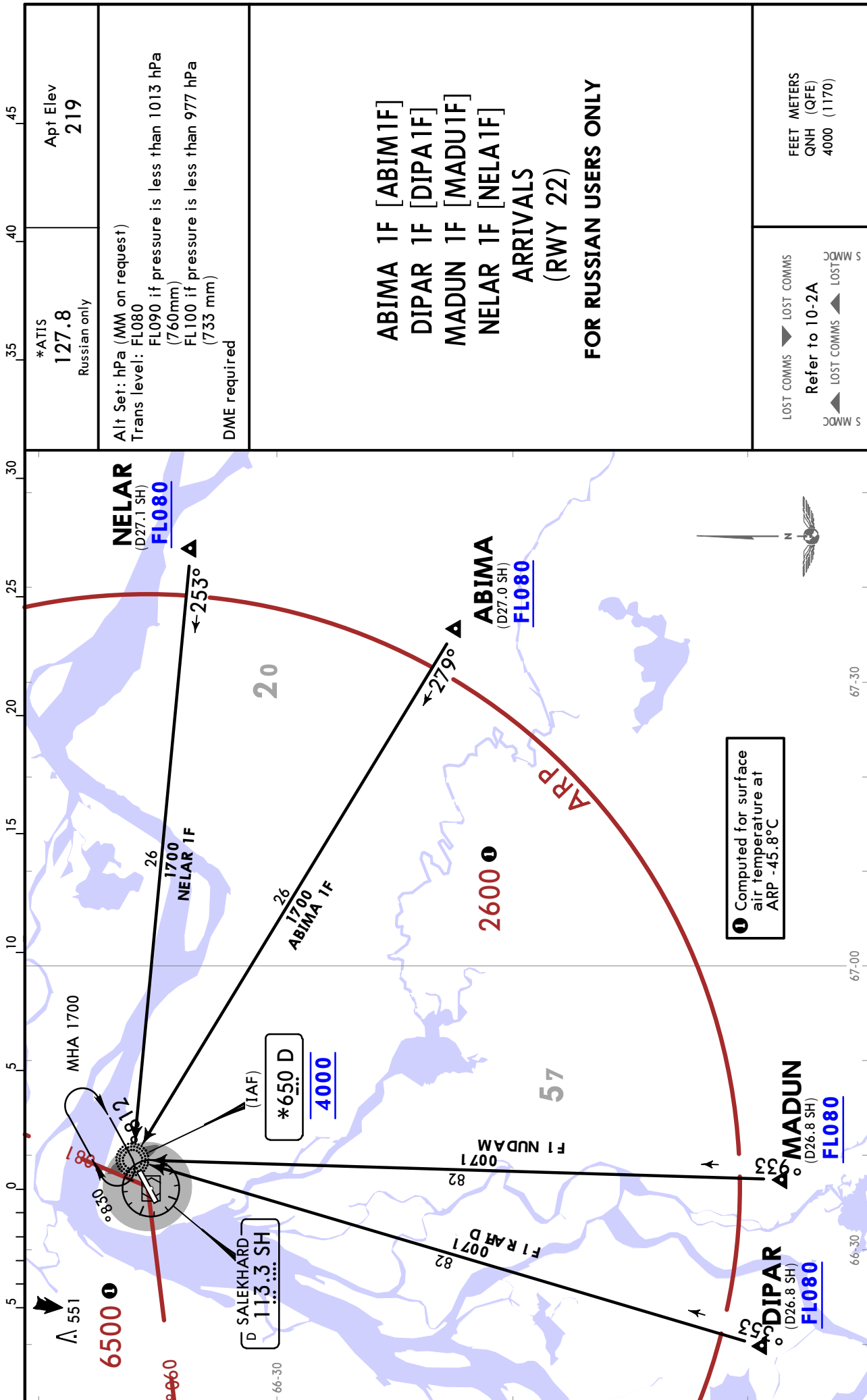
SALEKHARD, RUSSIA

22 NOV 24

10-2V

Eff 28 Nov

STAR



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45	Apt Elev 219	
35	*ATIS 127.8 Russian only	ABIMA 1F [ABIM1F] DIPAR 1F [DIPA1F] MADUN 1F [MADU1F] NELAR 1F [NELA1F] ARRIVALS (RWY 22) FOR RUSSIAN USERS ONLY
30	Alt Set: hPa (MM on request) Trans level: FL080 FL090 if pressure is less than 1013 hPa (760mm) FL100 if pressure is less than 977 hPa (733 mm) DME required	LOST COMMS ▼ LOST COMMS Refer to 10-2A ▲ LOST COMMS ▲ LOST COMMS S M M M S
25		FEET METERS QNH (QFE) 4000 (1170)

USDD/SLY SALEKHARD



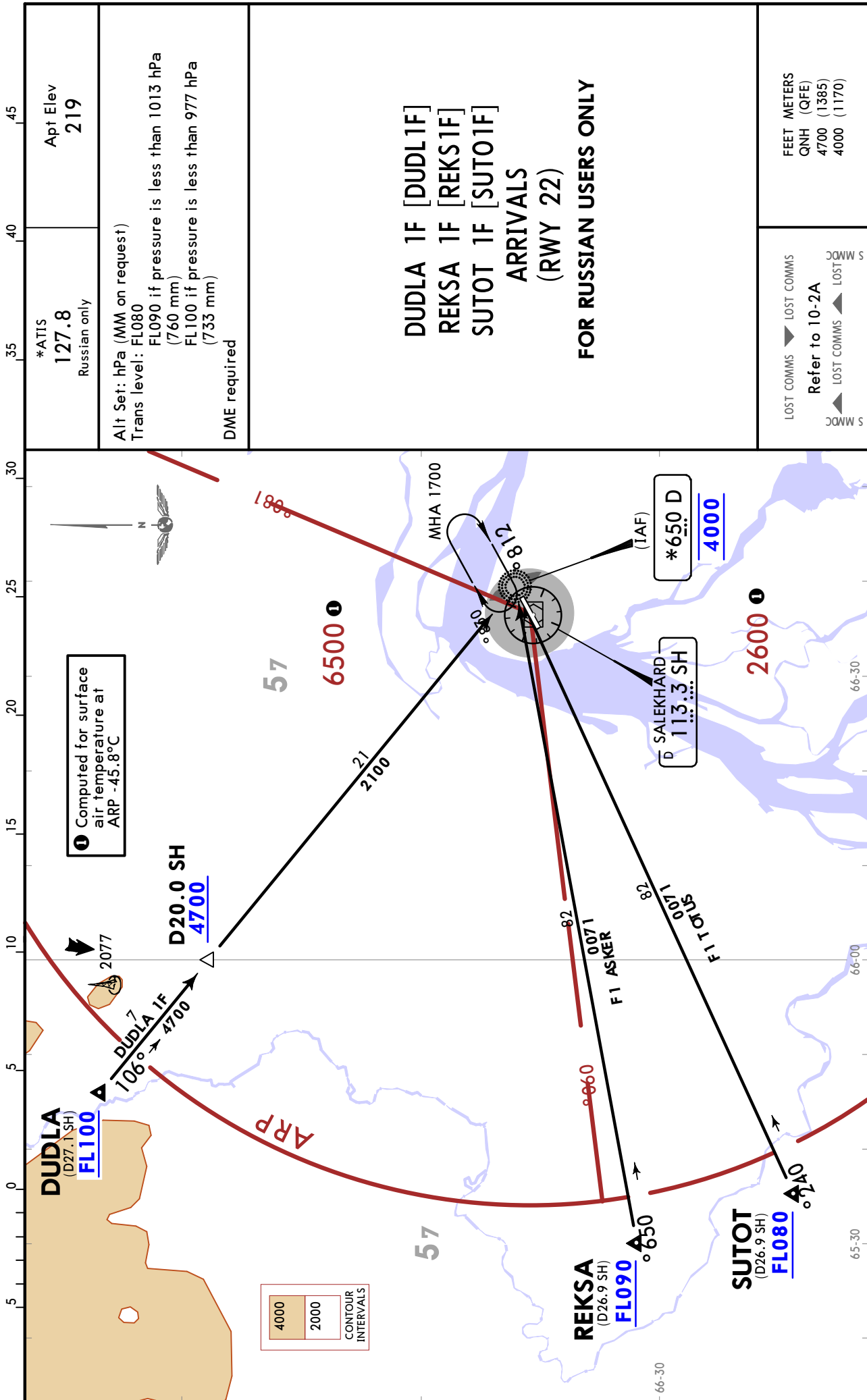
SALEKHARD, RUSSIA

22 NOV 24

10-2W

Eff 28 Nov

STAR



USDD/SLY
SALEKHARD



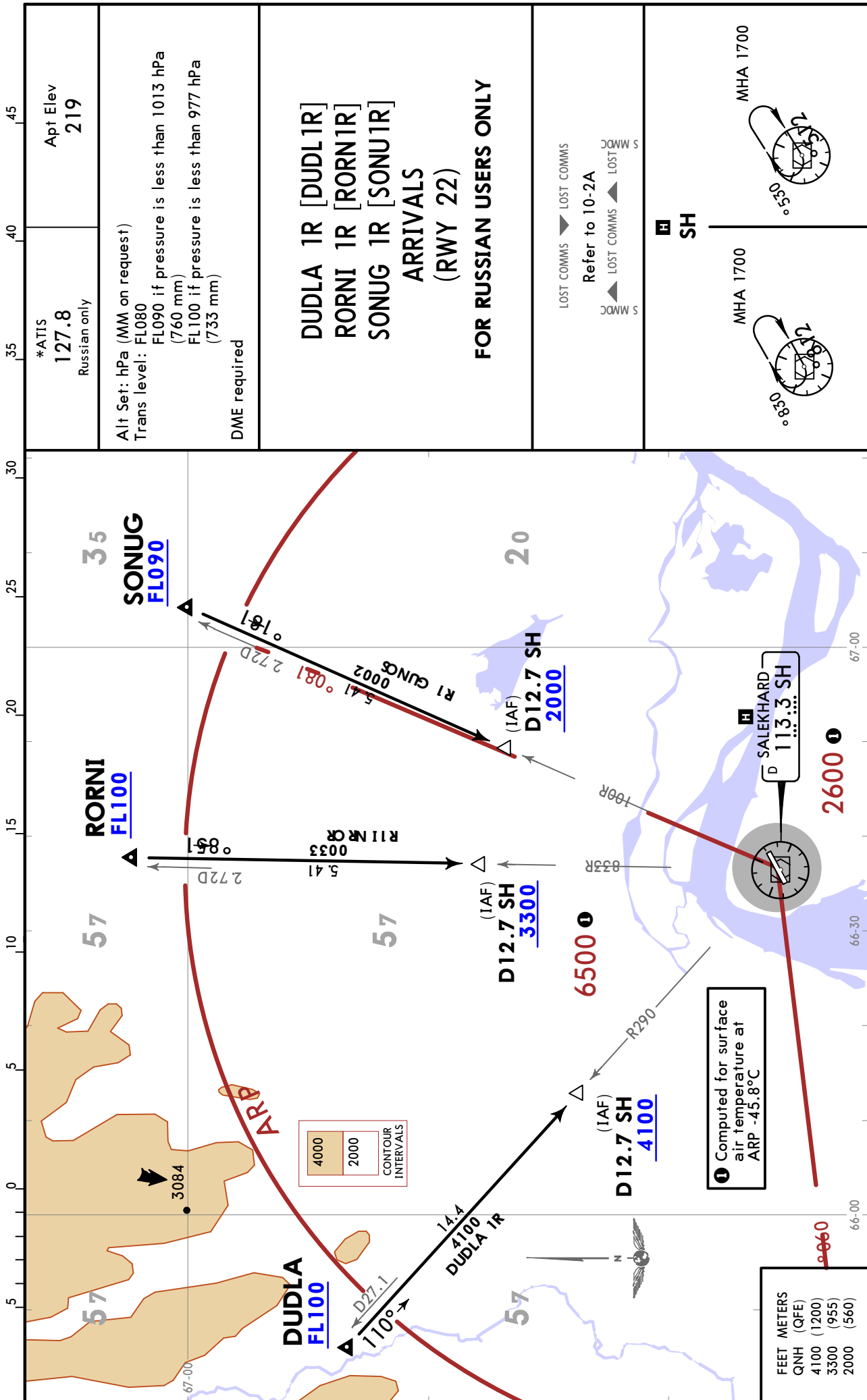
SALEKHARD, RUSSIA

22 NOV 24

10-2X

Eff 28 Nov

STAR



USDD/SLY SALEKHARD



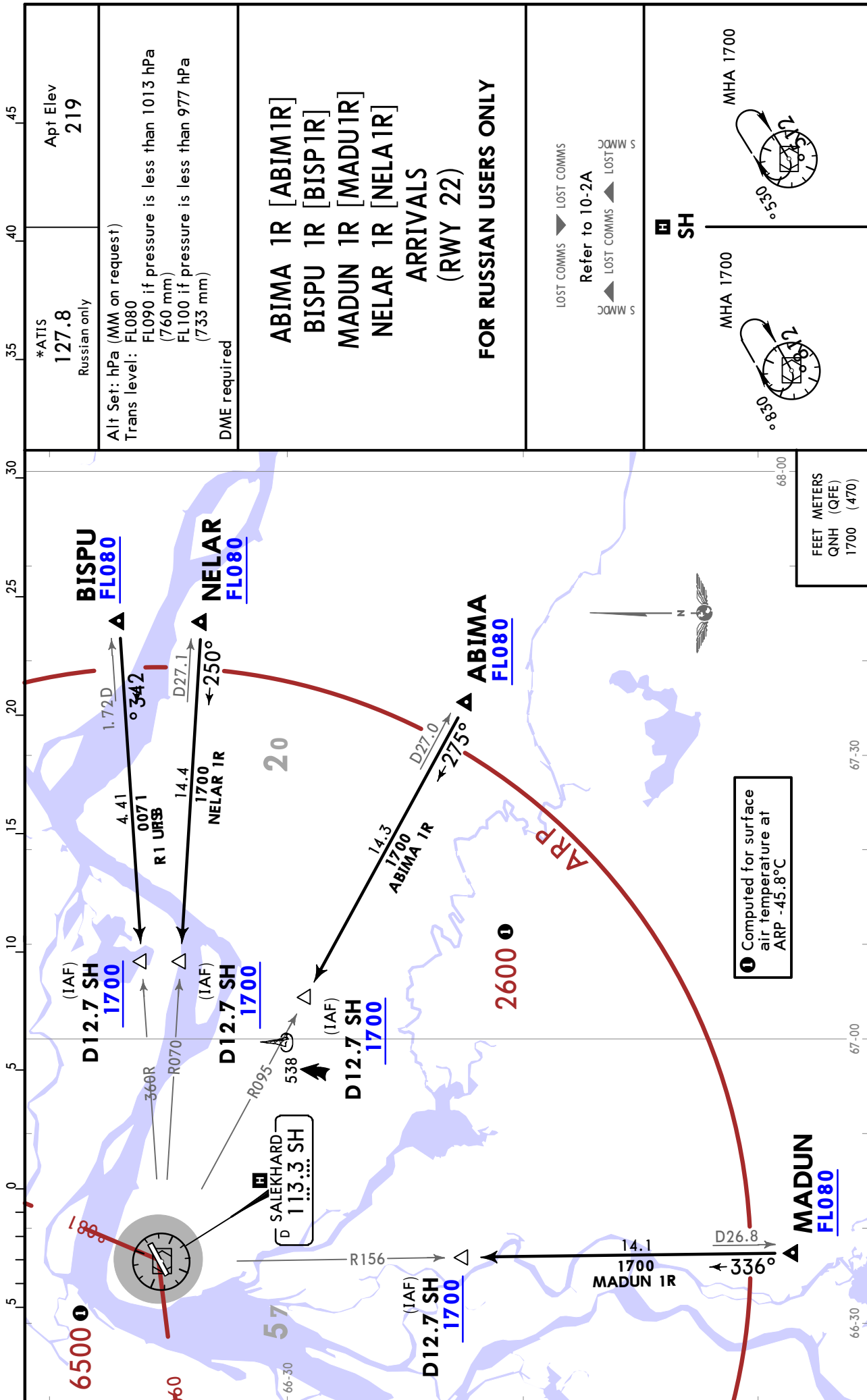
SALEKHARD, RUSSIA

22 NOV 24

10-2X1

Eff 28 Nov

STAR



USDD/SLY
SALEKHARD



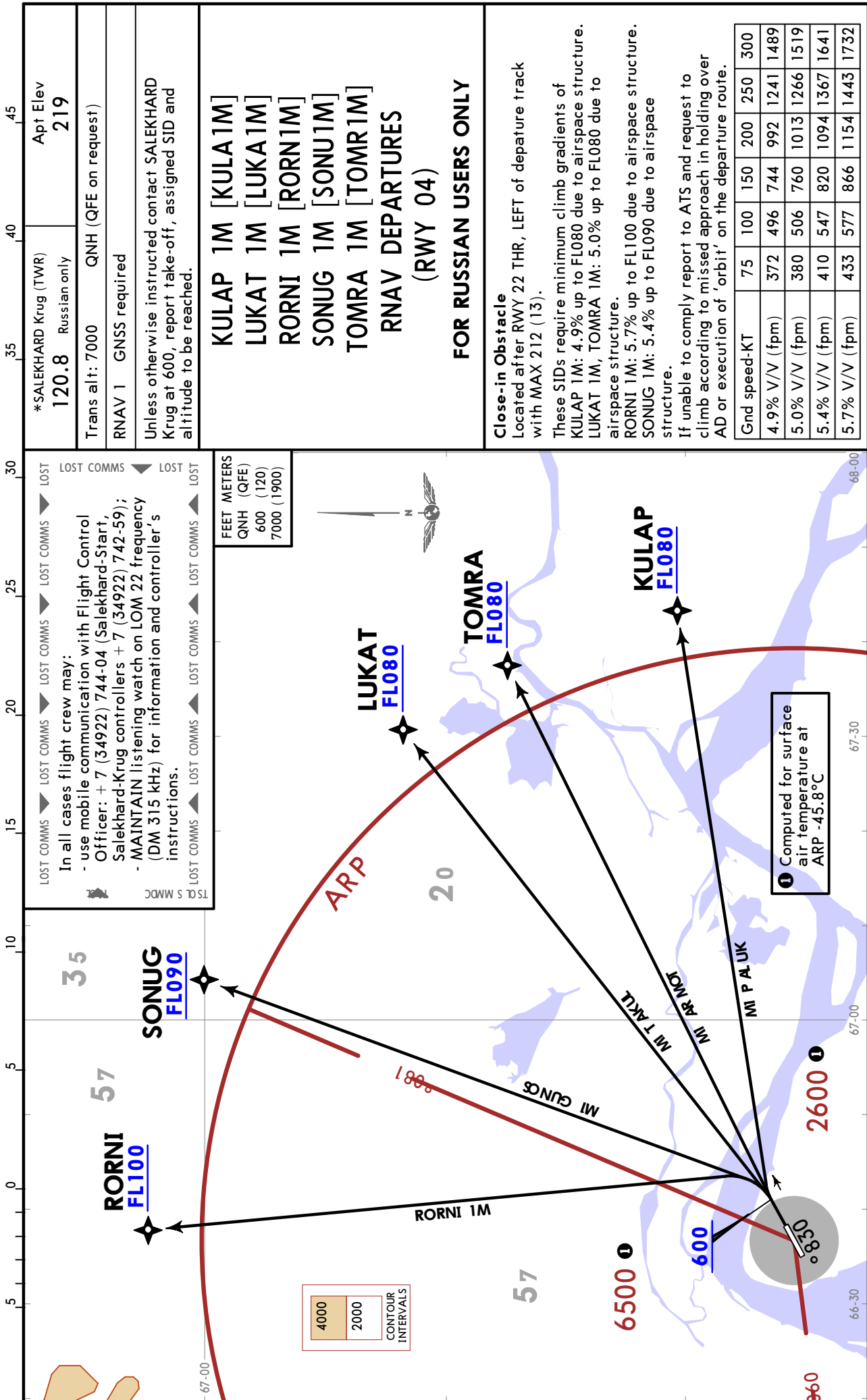
SALEKHARD, RUSSIA

22 NOV 24

10-3

Eff 28 Nov

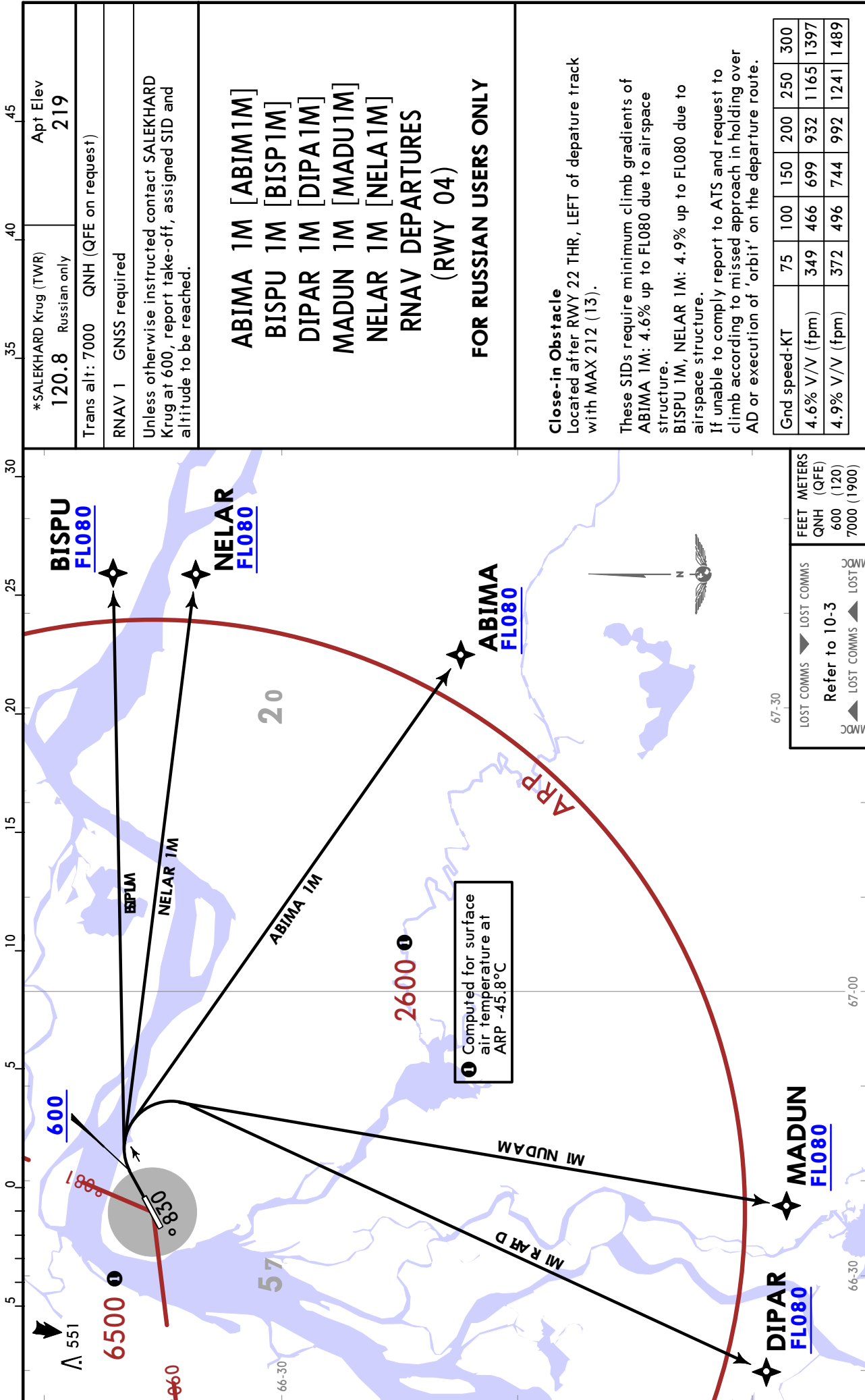
RNAV SID



USDD/SLY SALEKHARD

SALEKHARD, RUSSIA

RNAV SID



*SALEKHARD Krug (TWR)
120.8 Russian only
Apt Elev **219**

Trans alt: 7000 QNH (QFE on request)

RNAV 1 GNSS required

Unless otherwise instructed contact SALEKHARD Krug at 600, report take-off, assigned SID and altitude to be reached.

ABIMA 1M [ABIM1M]
BISPU 1M [BISP1M]
DIPAR 1M [DIPA1M]
MADUN 1M [MADU1M]
NELAR 1M [NELA1M]
RNAV DEPARTURES (RWY 04)

FOR RUSSIAN USERS ONLY

Close-in Obstacle
Located after RWY 22 THR, LEFT of departure track with MAX 212 (13).

These SIDs require minimum climb gradients of
ABIMA 1M: 4.6% up to FL080 due to airspace structure.
BISPU 1M, NELAR 1M: 4.9% up to FL080 due to airspace structure.
If unable to comply report to ATS and request to climb according to missed approach in holding over AD or execution of 'orbit' on the departure route.

Gnd speed-KT	75	100	150	200	250	300
4.6% V/V (fpm)	349	466	699	932	1165	1397
4.9% V/V (fpm)	372	496	744	992	1241	1489

FEET	METERS
LOST COMMS ▼	LOST COMMS ▲
Refer to 10-3	
600 (120)	7000 (1900)

USDD/SLY SALEKHARD



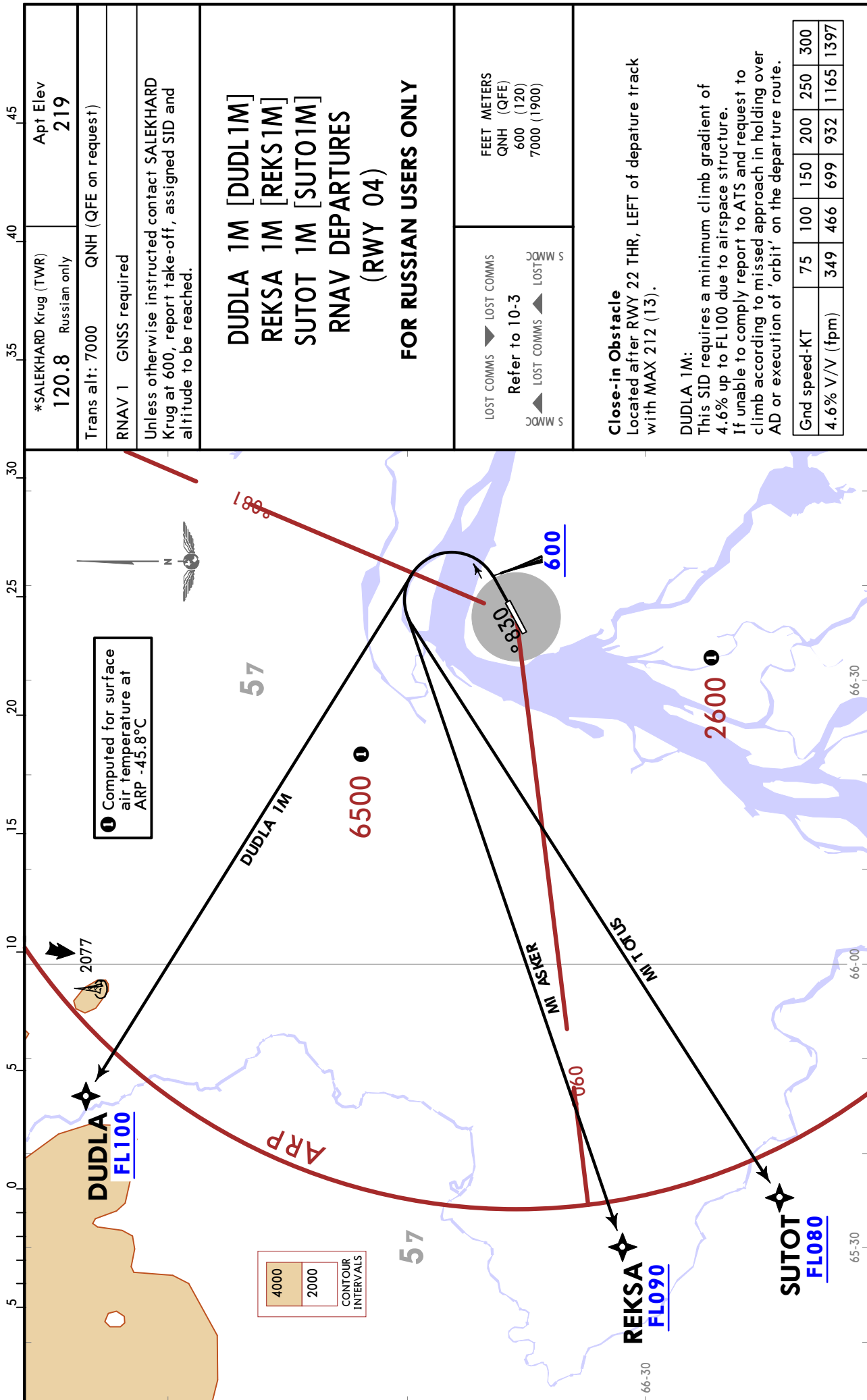
SALEKHARD, RUSSIA

22 NOV 24

10-3B

Eff 28 Nov

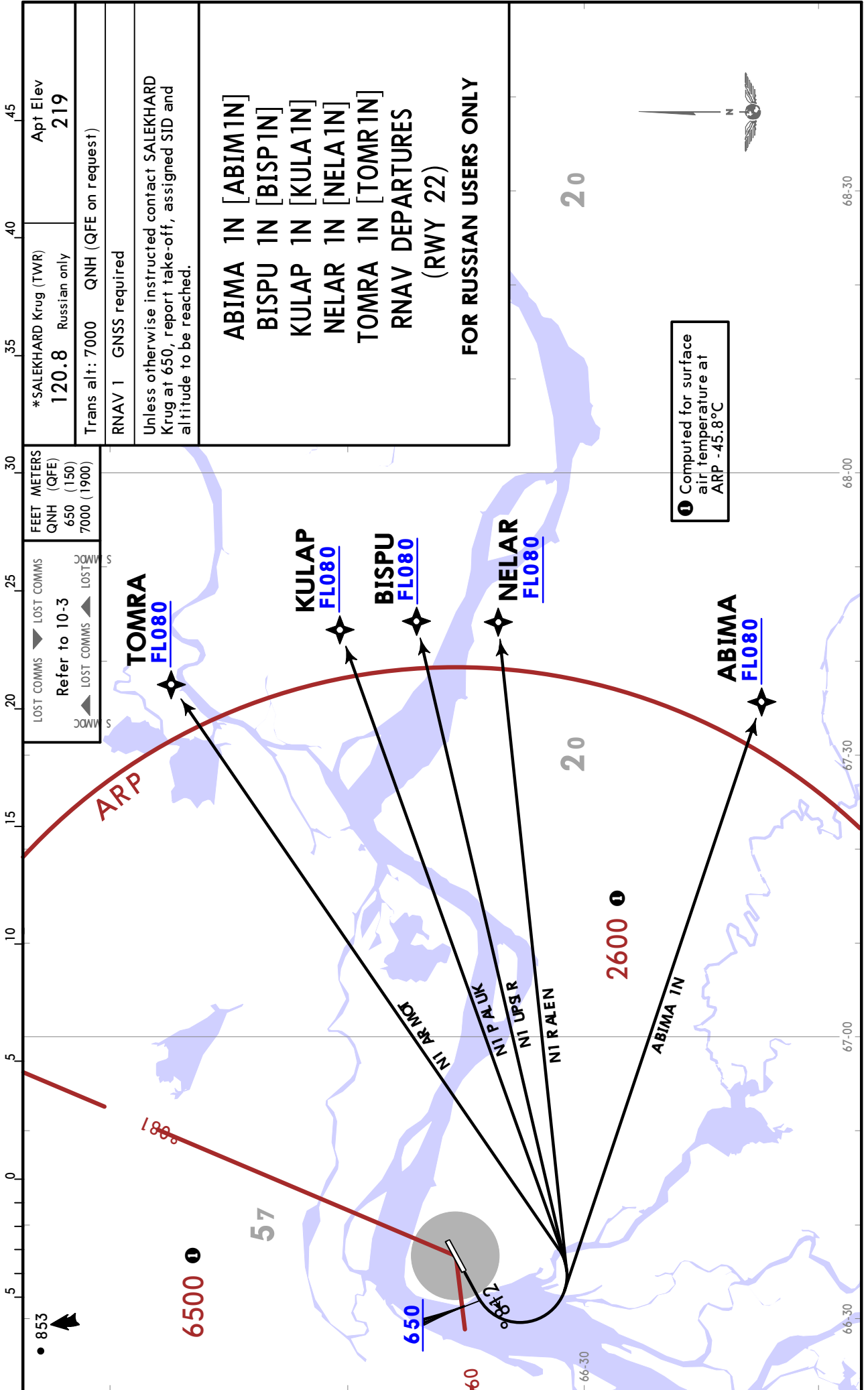
RNAV SID



USDD/SLY SALEKHARD

JEPPESEN
22 NOV 24 **(10-3D)** Eff 28 Nov

SALEKHARD, RUSSIA
RNAV SID



USDD/SLY
SALEKHARD



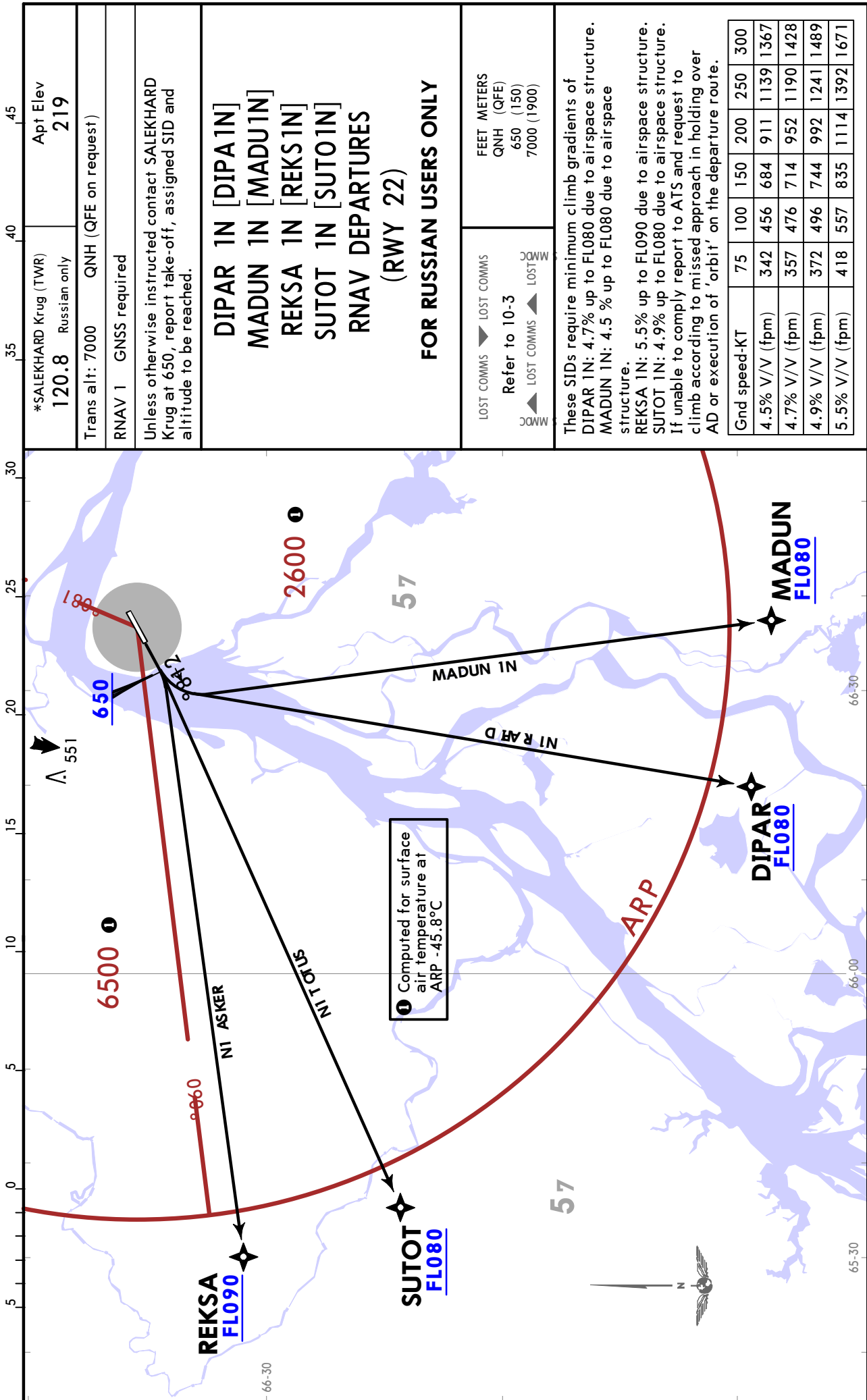
SALEKHARD, RUSSIA

22 NOV 24

10-3E

Eff 28 Nov

RNAV SID



**USDD/SLY
SALEKHARD**



SALEKHARD, RUSSIA

13 FEB 26

10-3F

Eff 19 Feb

SID

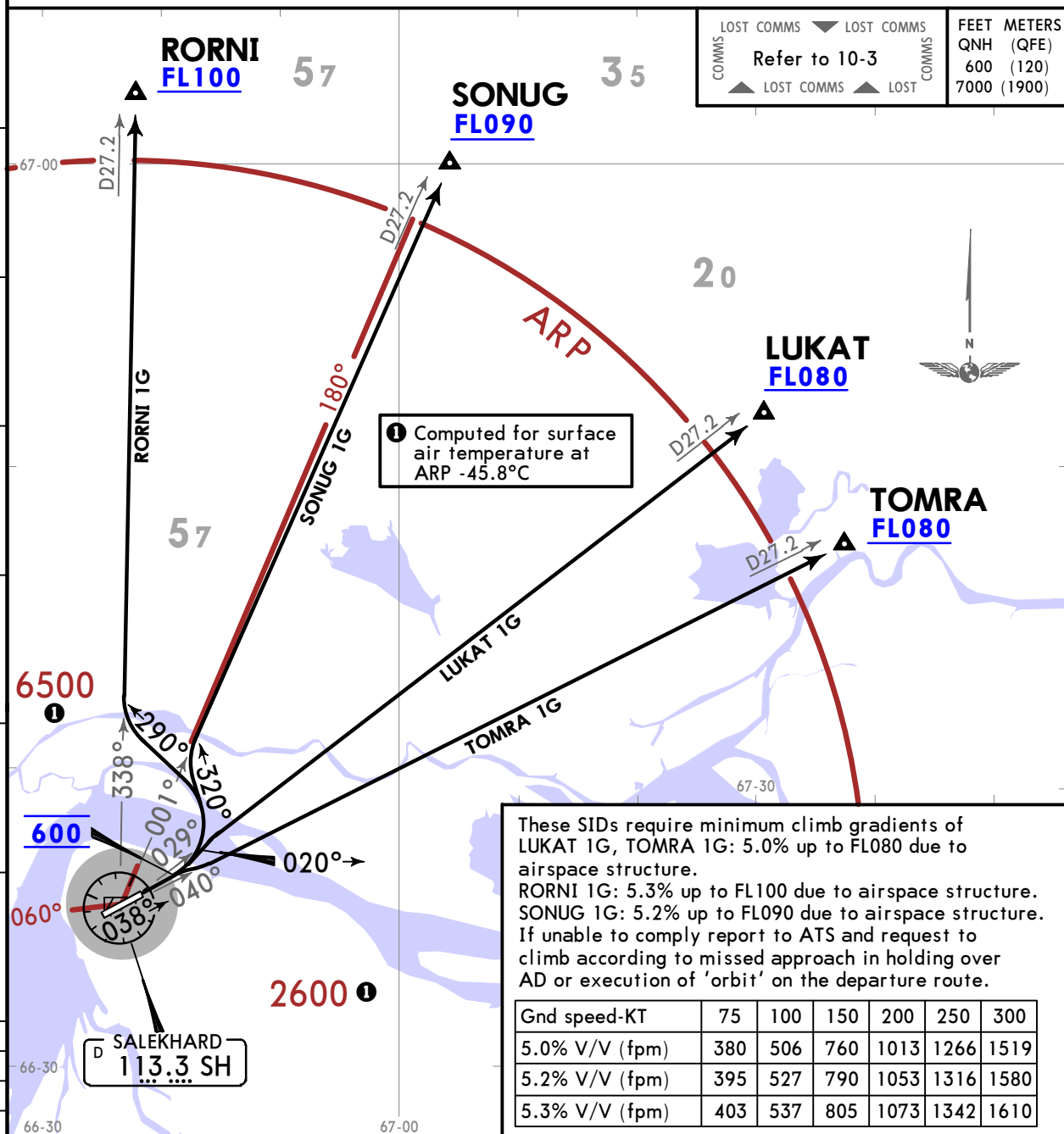
*SALEKHARD Krug (TWR)
120.8 Russian only

Apt Elev
219

- Trans alt: 7000 QNH (QFE on request)
1. DME required.
 2. Turns before DER are PROHIBITED.
 3. Unless otherwise instructed contact SALEKHARD Krug at 600, report take-off, assigned SID and altitude to be reached.
 4. EXPECT close-in obstacles.

**LUKAT 1G [LUKA1G]
RORNI 1G [RORN1G]
SONUG 1G [SONU1G]
TOMRA 1G [TOMR1G]
DEPARTURES
(RWY 04)
FOR RUSSIAN USERS ONLY**

45
40
35
30
25
20
15
10
5
0
5



SID	ROUTING
LUKAT 1G	Climb on 038° track, at 600 turn LEFT, 020° track, intercept SH R029 to LUKAT.
RORNI 1G	Climb on 038° track, at 600 turn LEFT, 290° track, intercept SH R338 to RORNI.
SONUG 1G	Climb on 038° track, at 600 turn LEFT, 320° track, intercept SH R001 to SONUG.
TOMRA 1G	Climb on 038° track, at 600 intercept SH R040 to TOMRA.

USDD/SLY SALEKHARD



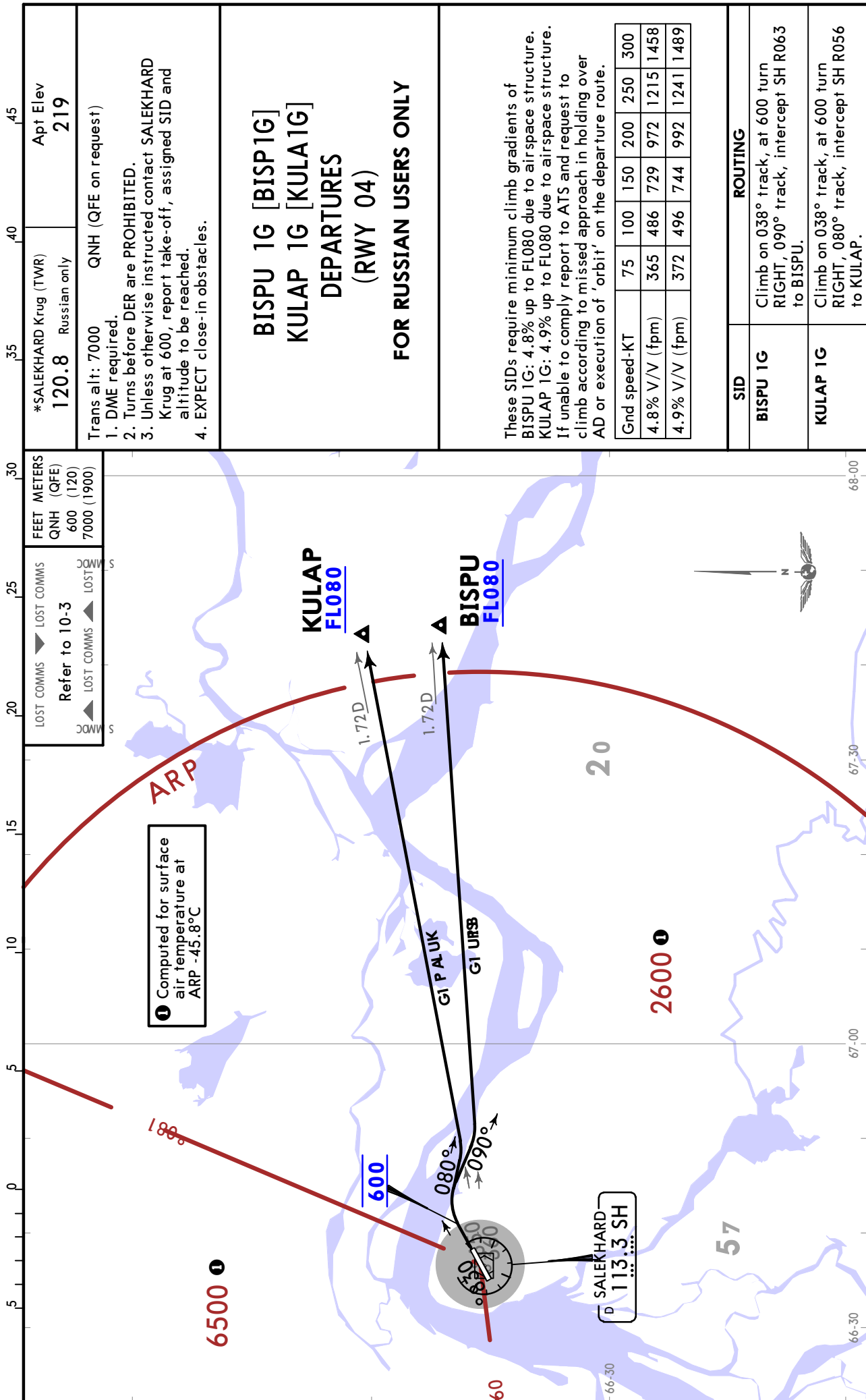
SALEKHARD, RUSSIA

13 FEB 26

10-3G

Eff 19 Feb

SID



CHANGES: Initial climb.

USDD/SLY SALEKHARD



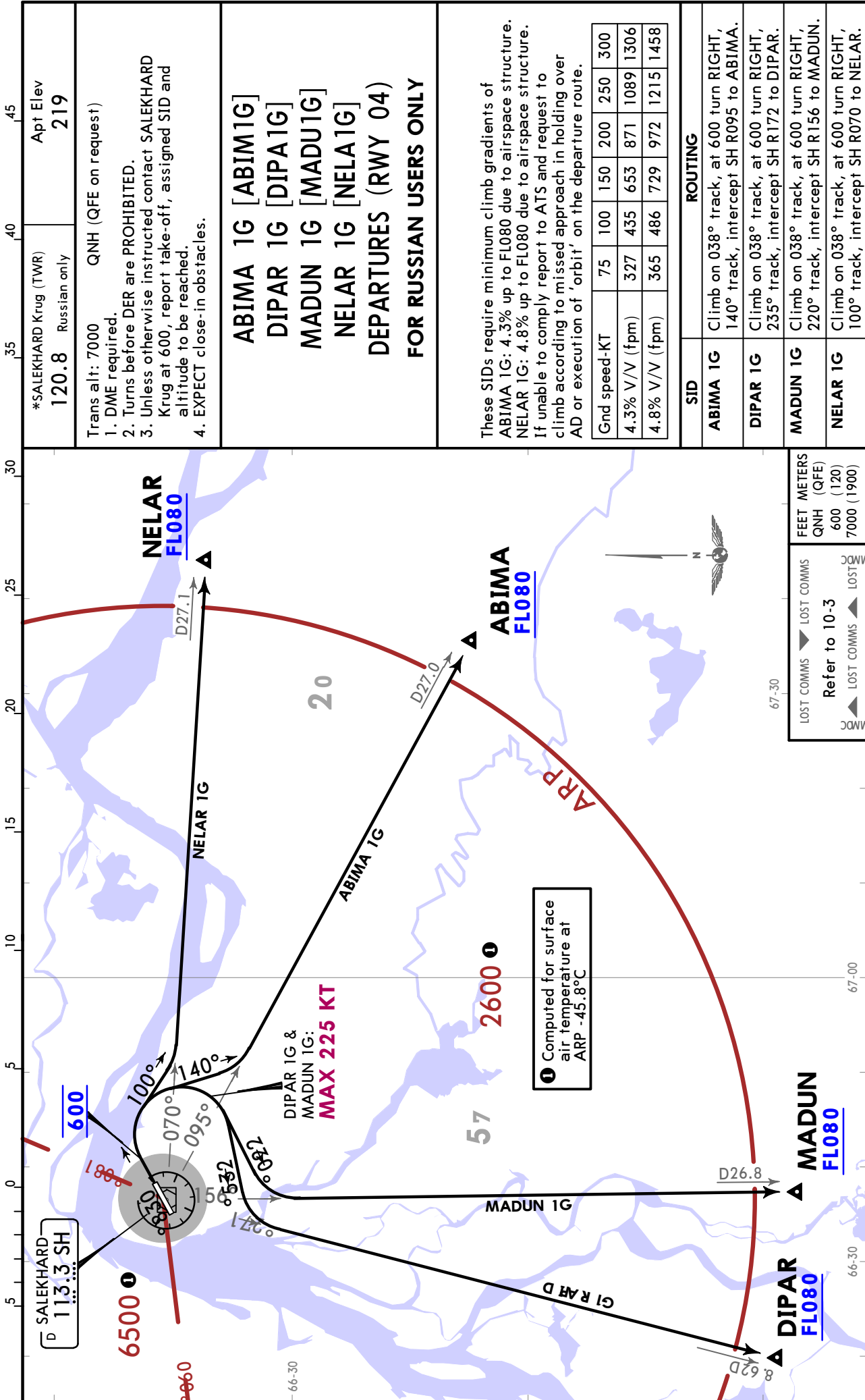
SALEKHARD, RUSSIA

13 FEB 26

(10-3H)

Eff 19 Feb

SID



USDD/SLY SALEKHARD



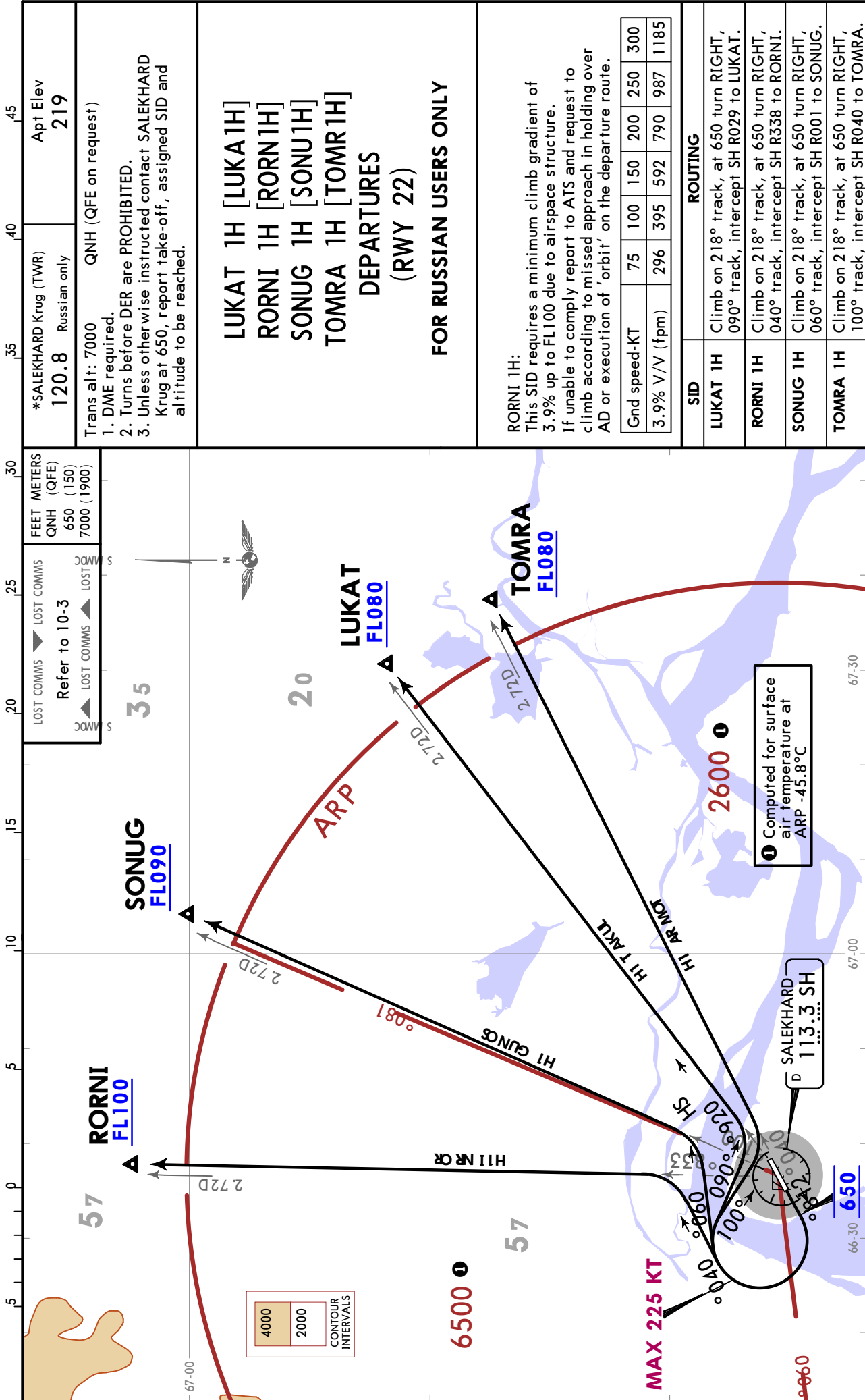
SALEKHARD, RUSSIA

13 FEB 26

10-3K

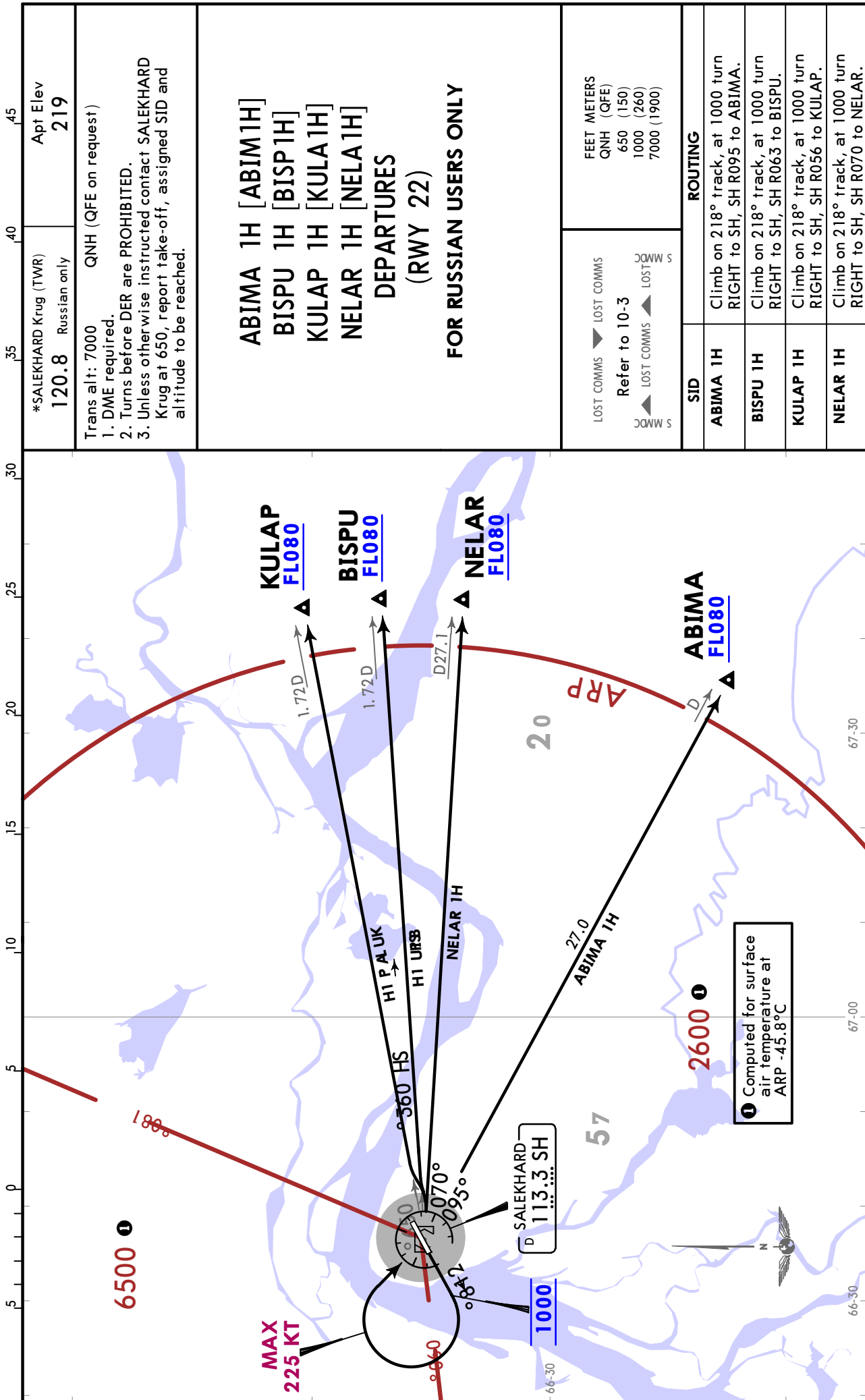
Eff 19 Feb

SID



CHANGES: Initial climb.

USDD/SLY
SALEKHARD



USDD/SLY
SALEKHARD

JEPPESEN
13 FEB 26 (10-3M) Eff 19 Feb

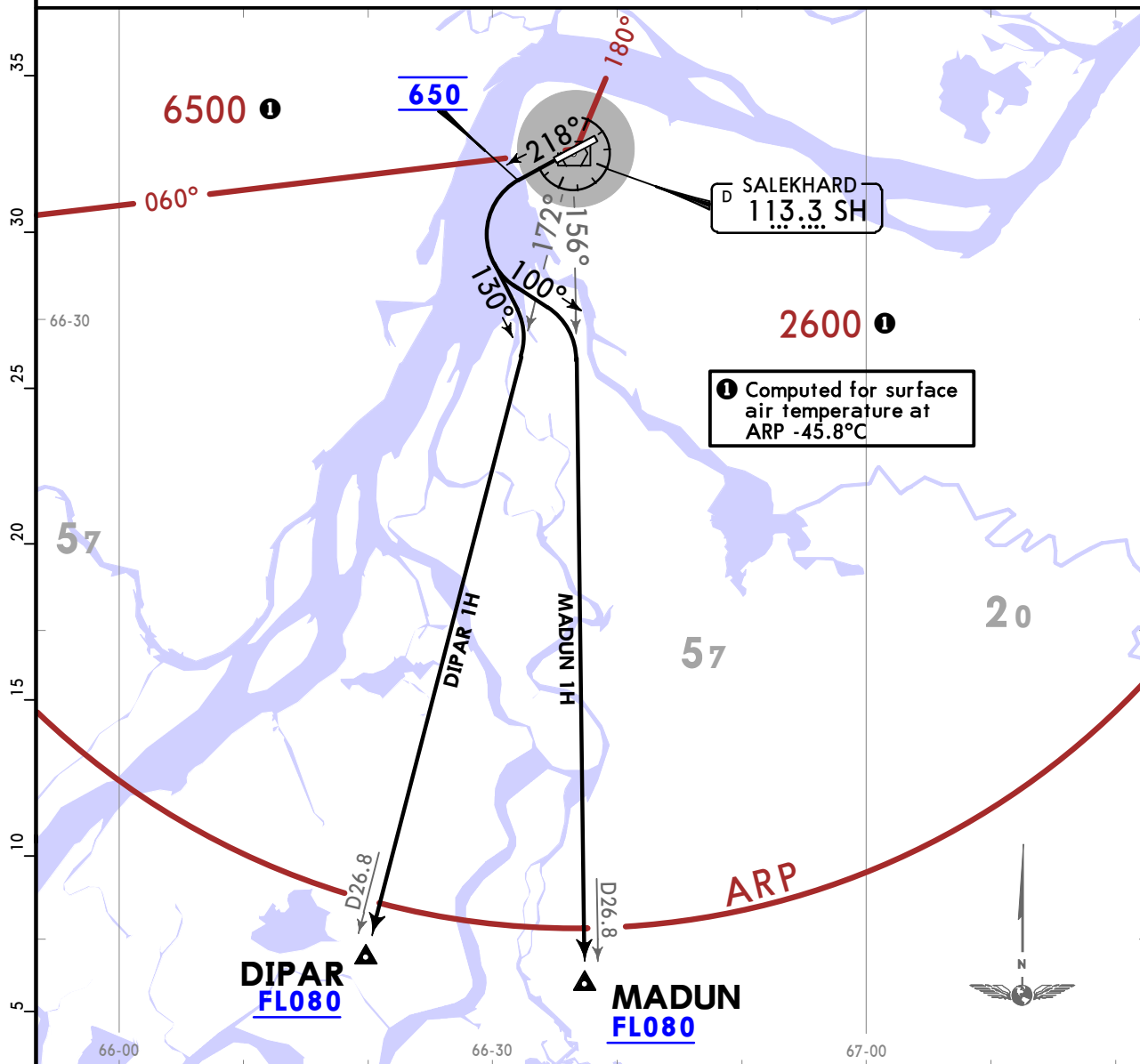
SALEKHARD, RUSSIA
SID

*SALEKHARD Krug (TWR)
120.8 Russian only

Apt Elev
219

Trans alt: 7000 QNH (QFE on request)
1. DME required.
2. Turns before DER are PROHIBITED.
3. Unless otherwise instructed contact SALEKHARD Krug at 650, report take-off, assigned SID and altitude to be reached.

DIPAR 1H [DIPA1H]
MADUN 1H [MADU1H]
DEPARTURES
(RWY 22)
FOR RUSSIAN USERS ONLY



These SIDs require minimum climb gradients of
DIPAR 1H: 4.5% up to FL080 due to airspace structure.
MADUN 1H: 4.1% up to FL080 due to airspace structure.
If unable to comply report to ATS and request to climb according to missed approach in holding over AD or execution of 'orbit' on the departure route.

Gnd speed-KT	75	100	150	200	250	300
4.1% V/V (fpm)	311	415	623	830	1038	1246
4.5% V/V (fpm)	342	456	684	911	1139	1367

LOST COMMS ▼ LOST COMMS
Refer to 10-3
▲ LOST COMMS ▲ LOST

FEET METERS
QNH (QFE)
650 (150)
7000 (1900)

SID	ROUTING
DIPAR 1H	Climb on 218° track, at 650 turn LEFT, 130° track, intercept SH R172 to DIPAR.
MADUN 1H	Climb on 218° track, at 650 turn LEFT, 100° track, intercept SH R156 to MADUN.

USDD/SLY SALEKHARD



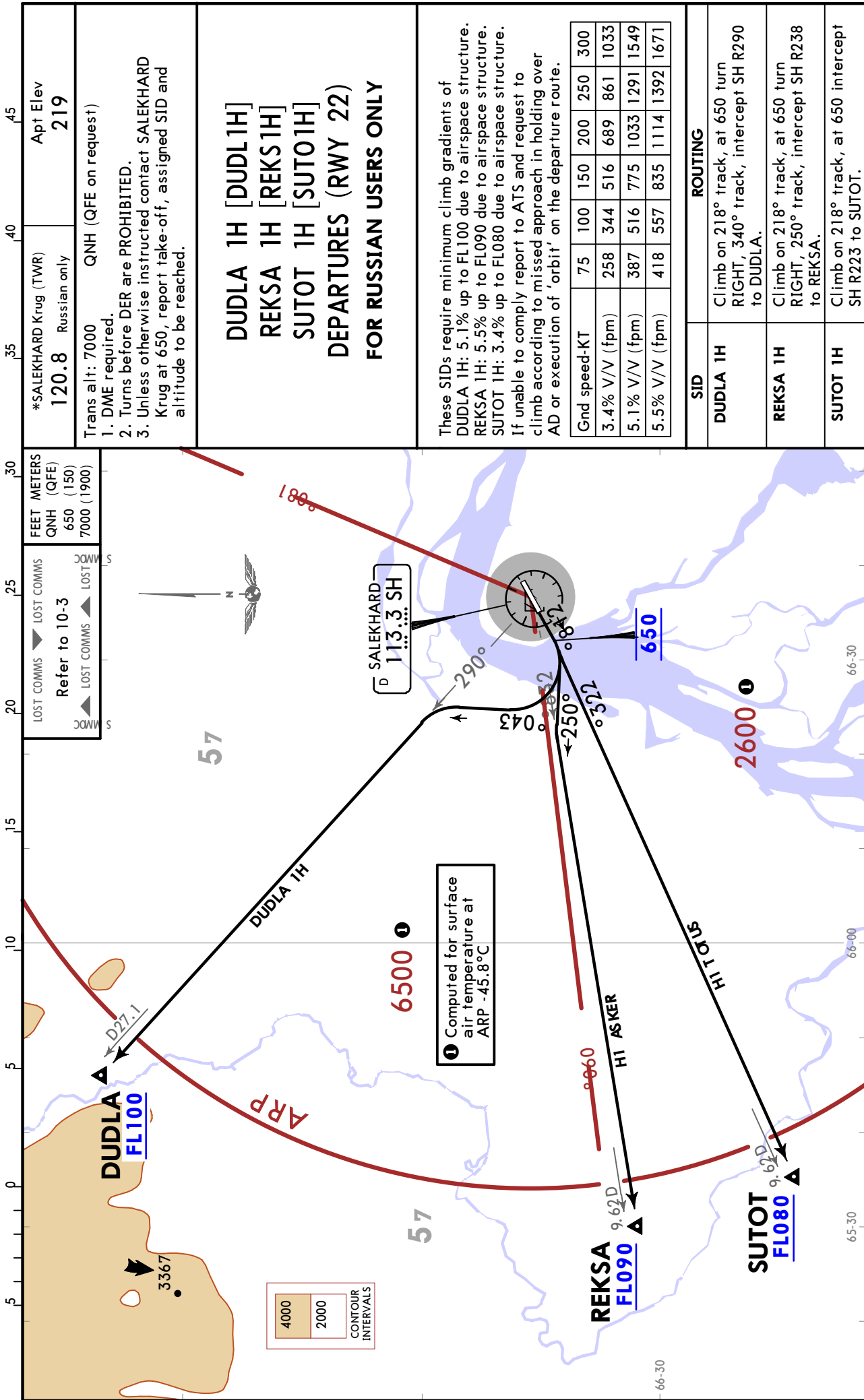
SALEKHARD, RUSSIA

13 FEB 26

10-3N

Eff 19 Feb

SID



CHANGES: Initial climb.

USDD/SLY
SALEKHARD



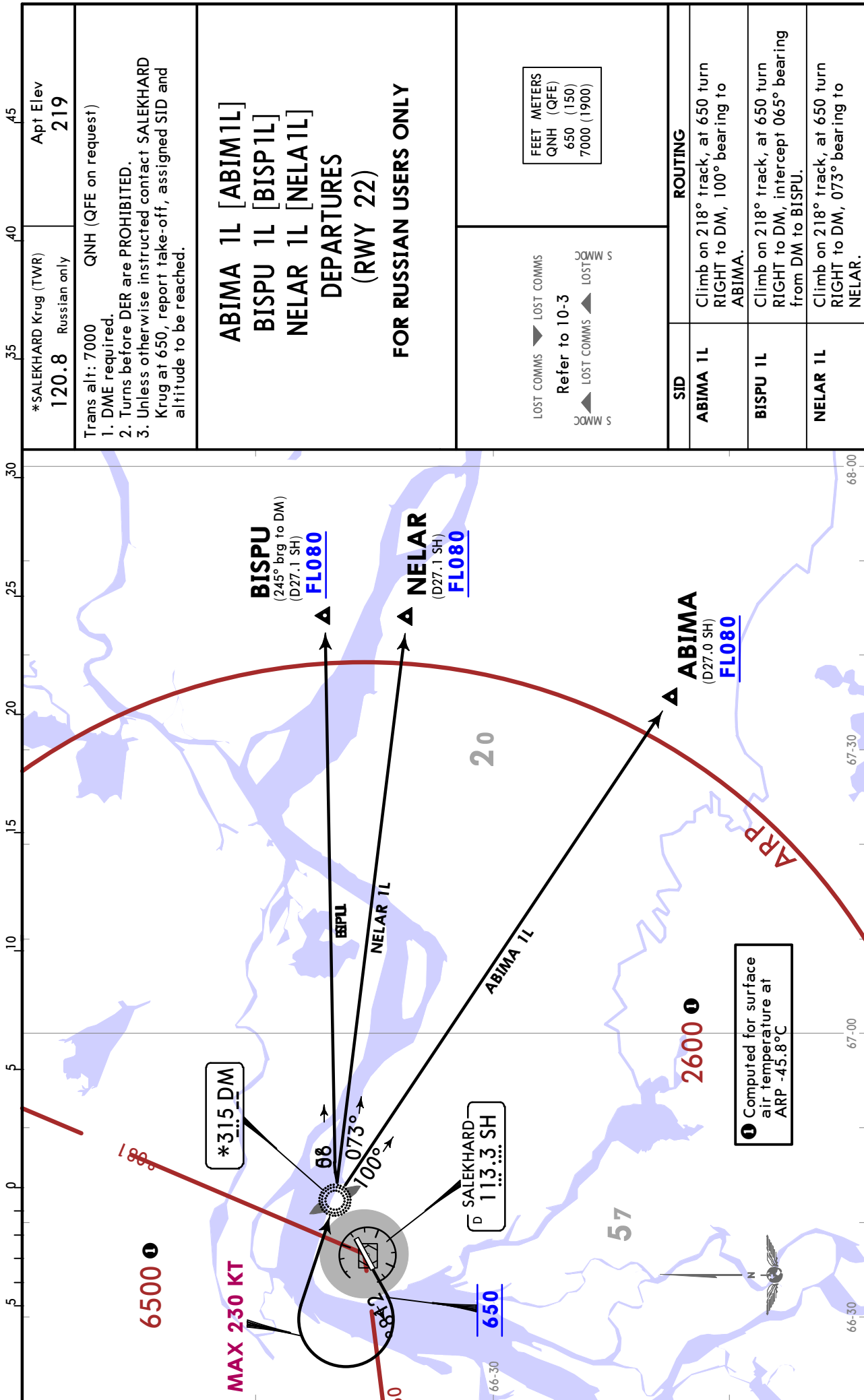
SALEKHARD, RUSSIA

13 FEB 26

10-3Q

Eff 19 Feb

SID



USDD/SLY
SALEKHARD

JEPPESEN
13 FEB 26 **(10-3S)** Eff 19 Feb

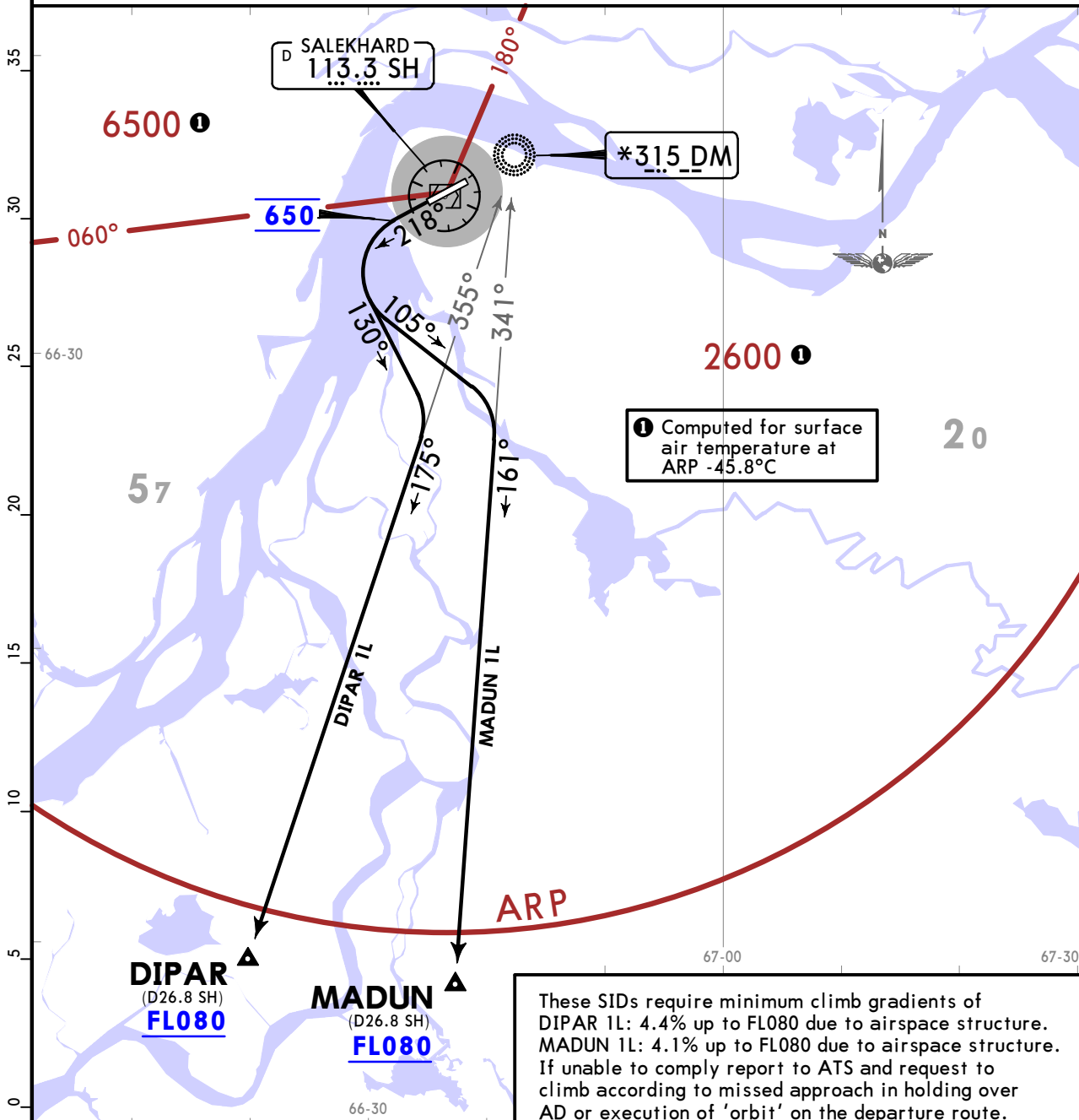
SALEKHARD, RUSSIA
SID

*SALEKHARD Krug (TWR)
120.8 Russian only

Apt Elev
219

Trans alt: 7000 QNH (QFE on request)
1. DME required.
2. Turns before DER are PROHIBITED.
3. Unless otherwise instructed contact SALEKHARD Krug at 650, report take-off, assigned SID and altitude to be reached.

DIPAR 1L [DIPA1L]
MADUN 1L [MADU1L]
DEPARTURES
(RWY 22)
FOR RUSSIAN USERS ONLY



① Computed for surface air temperature at ARP -45.8°C

These SIDs require minimum climb gradients of
DIPAR 1L: 4.4% up to FL080 due to airspace structure.
MADUN 1L: 4.1% up to FL080 due to airspace structure.
If unable to comply report to ATS and request to climb according to missed approach in holding over AD or execution of 'orbit' on the departure route.

Gnd speed-KT	75	100	150	200	250	300
4.1% V/V (fpm)	311	415	623	830	1038	1246
4.4% V/V (fpm)	334	446	668	891	1114	1337

LOST COMMS ▼ LOST COMMS
Refer to 10-3
▲ LOST COMMS ▲ LOST

FEET METERS
QNH (QFE)
650 (150)
7000 (1900)

SID	ROUTING
DIPAR 1L	Climb on 218° track, at 650 turn LEFT, 130° track, intercept 175° bearing from DM to DIPAR.
MADUN 1L	Climb on 218° track, at 650 turn LEFT, 105° track, intercept 161° bearing from DM to MADUN.

USDD/SLY SALEKHARD



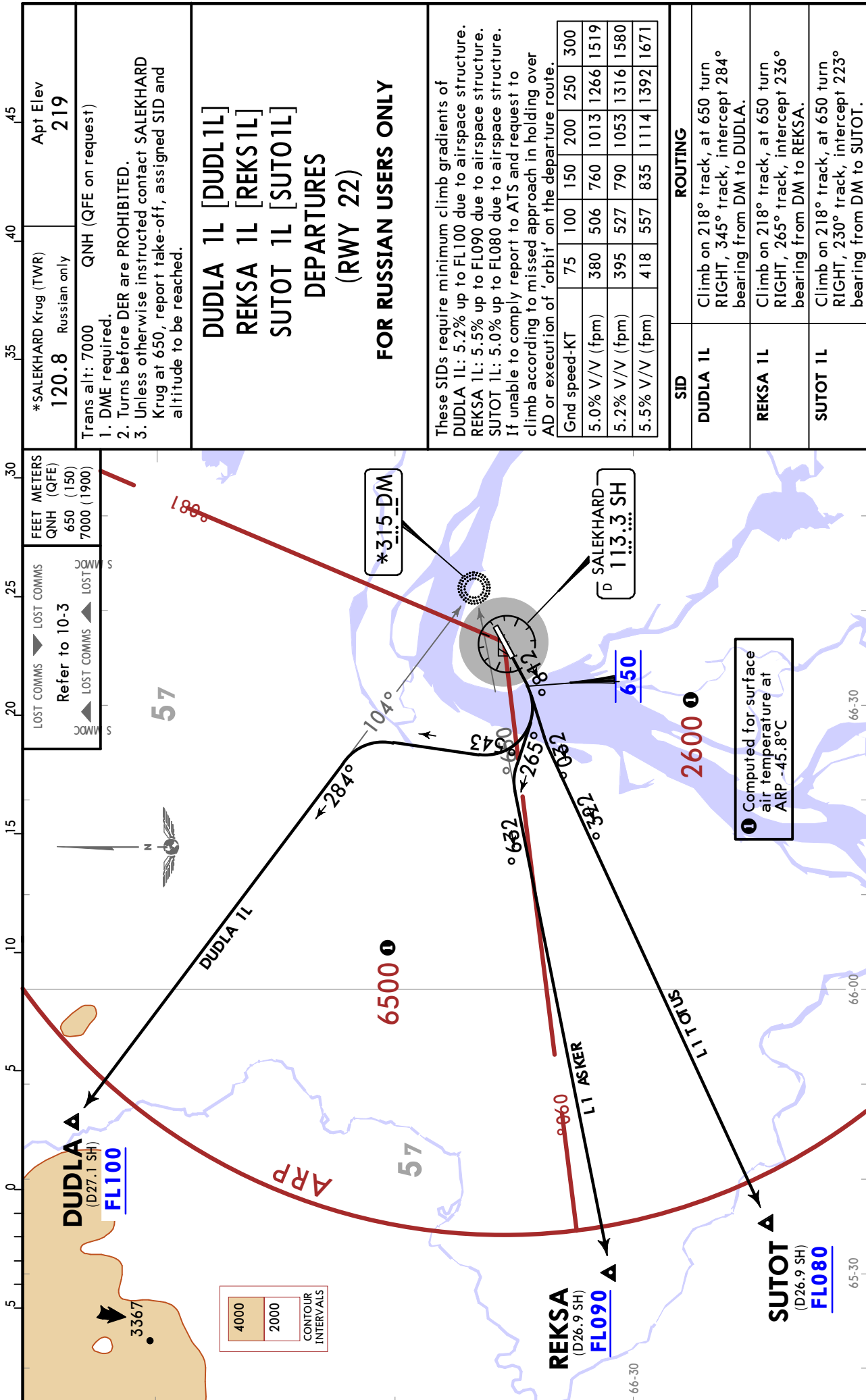
SALEKHARD, RUSSIA

13 FEB 26

10-3T

Eff 19 Feb

SID



CHANGES: Initial climb.

USDD/SLY
SALEKHARD

JEPPESEN

SALEKHARD, RUSSIA

13 FEB 26

10-3U

Eff 19 Feb

SID

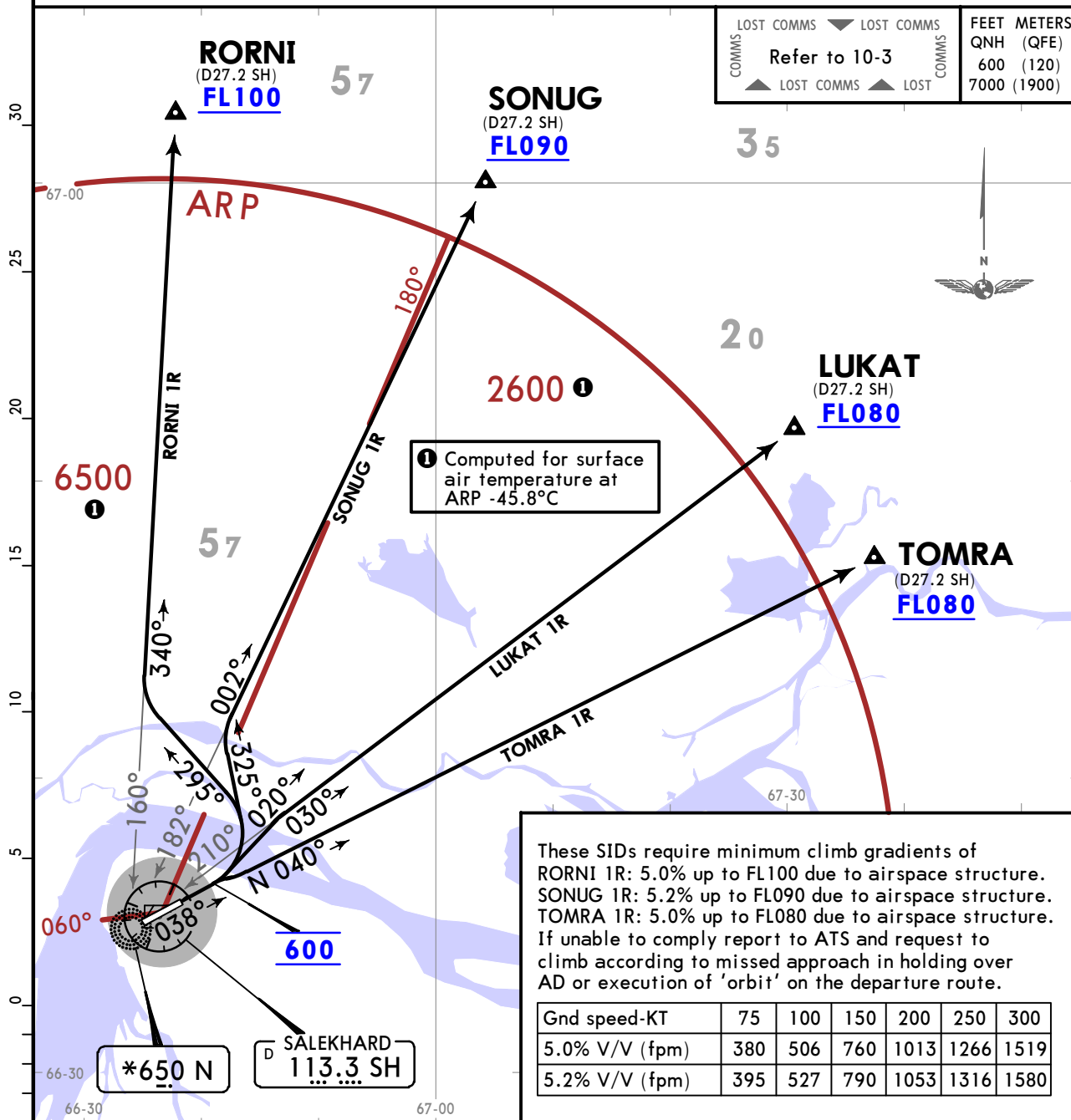
*SALEKHARD Krug (TWR)
120.8 Russian only

Apt Elev
219

- Trans alt: 7000 QNH (QFE on request)
1. DME required.
 2. Turns before DER are PROHIBITED.
 3. Unless otherwise instructed contact SALEKHARD Krug at 600, report take-off, assigned SID and altitude to be reached.
 4. EXPECT close-in obstacles.

LUKAT 1R [LUKA1R]
RORNI 1R [RORN1R]
SONUG 1R [SONU1R]
TOMRA 1R [TOMR1R]
DEPARTURES
(RWY 04)

FOR RUSSIAN USERS ONLY



SID	ROUTING
LUKAT 1R	Climb on 038° track, at 600 turn LEFT, 020° track, intercept 030° bearing from N to LUKAT.
RORNI 1R	Climb on 038° track, at 600 turn LEFT, 295° track, intercept 340° bearing from N to RORNI.
SONUG 1R	Climb on 038° track, at 600 turn LEFT, 325° track, intercept 002° bearing from N to SONUG.
TOMRA 1R	Climb on 038° track, at 600 intercept 040° bearing from N to TOMRA.

CHANGES: Initial climb.

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**USDD/SLY
SALEKHARD**



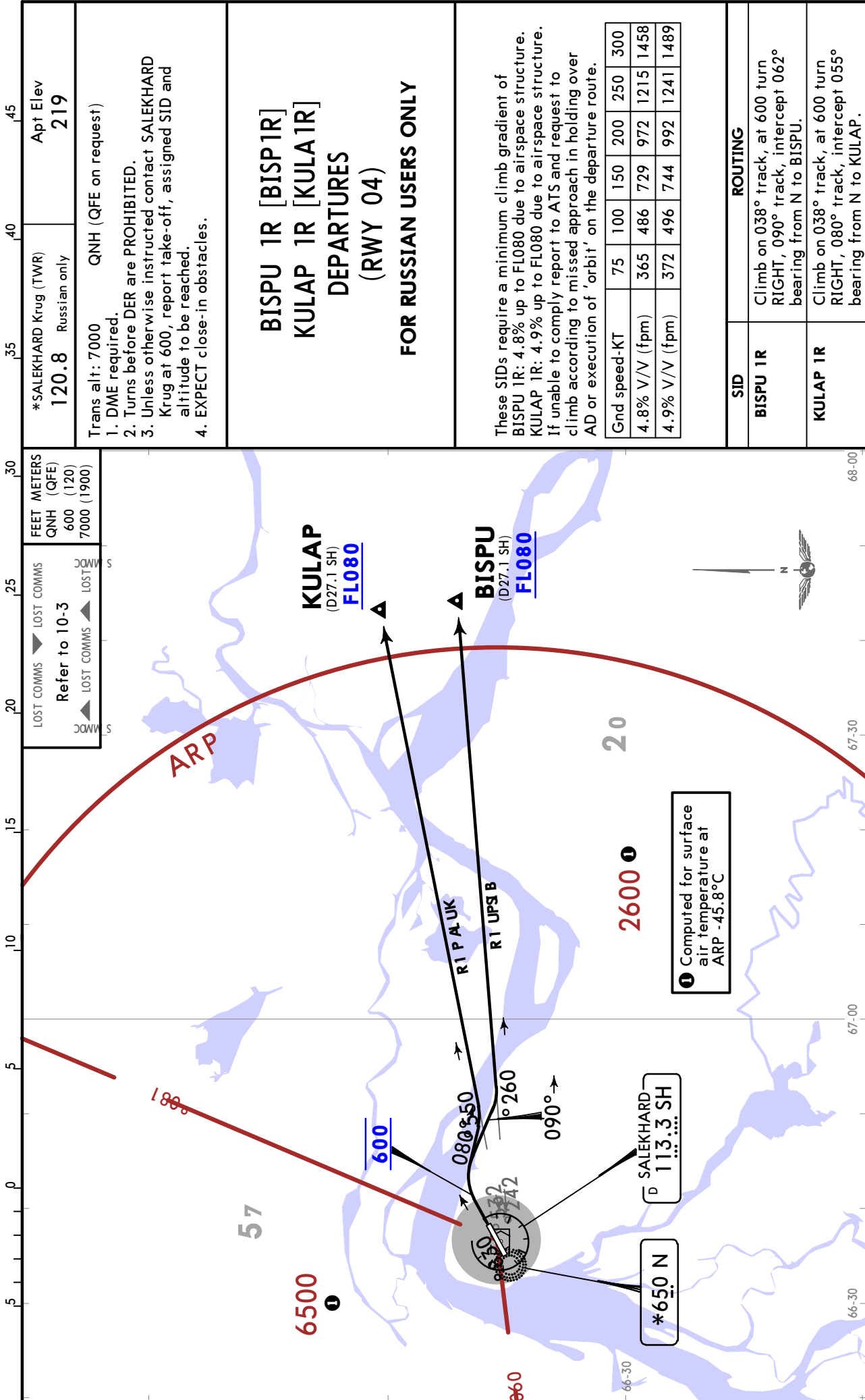
SALEKHARD, RUSSIA

13 FEB 26

10-3V

Eff 19 Feb

SID



CHANGES: Initial climb.

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*SALEKHARD Krug (TWR) 120.8 Russian only	Apt Elev 219																					
Trans alt: 7000 QNH (QFE on request)																						
<ol style="list-style-type: none"> DME required. Turns before DER are PROHIBITED. Unless otherwise instructed contact SALEKHARD Krug at 600, report take-off, assigned SID and altitude to be reached. EXPECT close-in obstacles. 																						
BISPU 1R [BISP1R] KULAP 1R [KULA1R] DEPARTURES (RWY 04) FOR RUSSIAN USERS ONLY																						
<p>These SIDs require a minimum climb gradient of BISPU 1R: 4.8% up to FL080 due to airspace structure. KULAP 1R: 4.9% up to FL080 due to airspace structure. If unable to comply report to ATS and request to climb according to missed approach in holding over AD or execution of 'orbit' on the departure route.</p> <table border="1"> <tr> <td>Gnd speed-KT</td> <td>75</td> <td>100</td> <td>150</td> <td>200</td> <td>250</td> <td>300</td> </tr> <tr> <td>4.8% V/V (fpm)</td> <td>365</td> <td>486</td> <td>729</td> <td>972</td> <td>1215</td> <td>1458</td> </tr> <tr> <td>4.9% V/V (fpm)</td> <td>372</td> <td>496</td> <td>744</td> <td>992</td> <td>1241</td> <td>1489</td> </tr> </table>		Gnd speed-KT	75	100	150	200	250	300	4.8% V/V (fpm)	365	486	729	972	1215	1458	4.9% V/V (fpm)	372	496	744	992	1241	1489
Gnd speed-KT	75	100	150	200	250	300																
4.8% V/V (fpm)	365	486	729	972	1215	1458																
4.9% V/V (fpm)	372	496	744	992	1241	1489																
SID	ROUTING																					
BISPU 1R	Climb on 038° track, at 600 turn RIGHT, 090° track, intercept 062° bearing from N to BISPU.																					
KULAP 1R	Climb on 038° track, at 600 turn RIGHT, 080° track, intercept 055° bearing from N to KULAP.																					

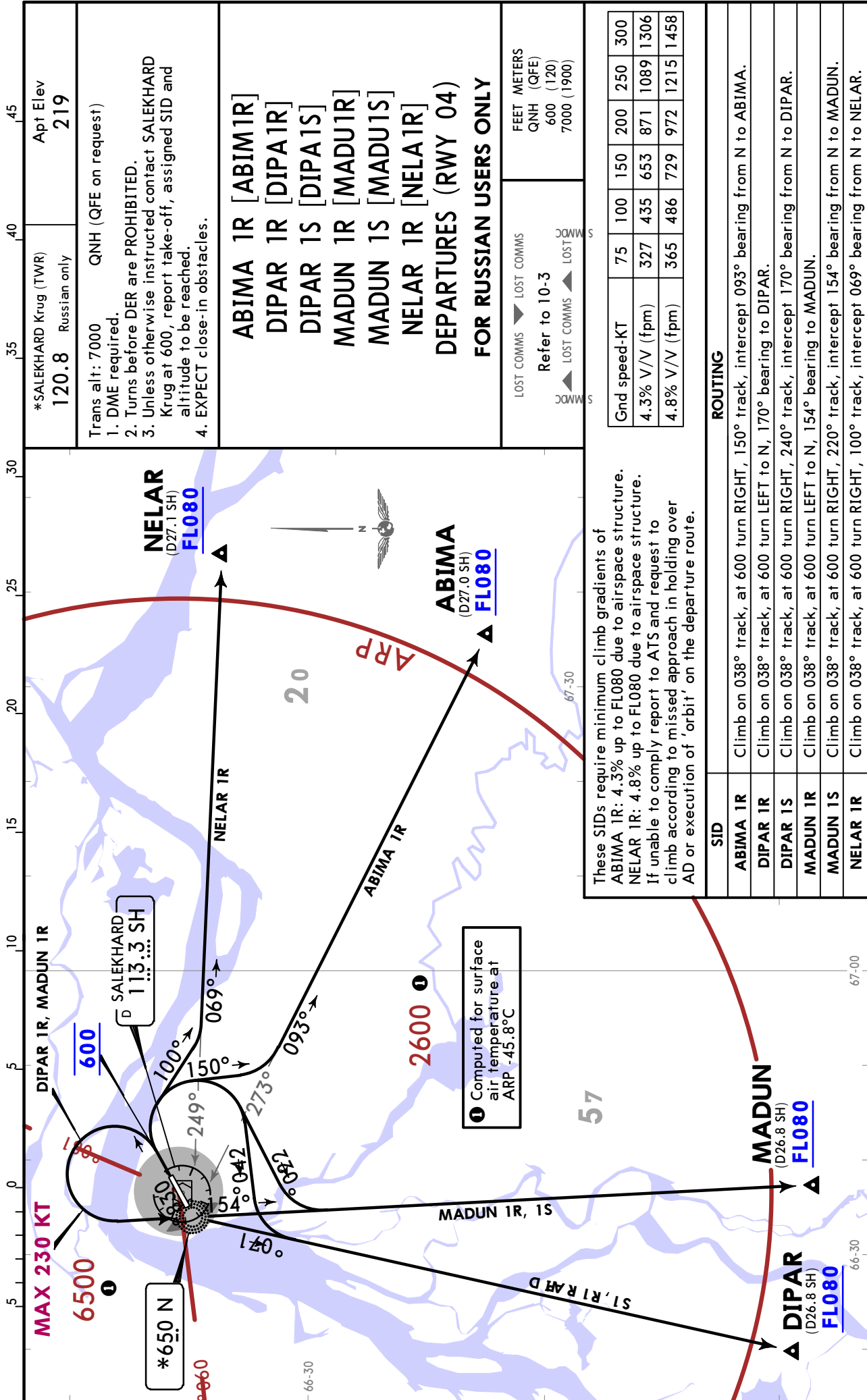
USDD/SLY SALEKHARD

13 FEB 26 **10-3W**

Eff 19 Feb

SALEKHARD, RUSSIA

SID



CHANGES: Initial climb.

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**USDD/SLY
SALEKHARD**



SALEKHARD, RUSSIA

13 FEB 26

10-3X1

Eff 19 Feb

SID

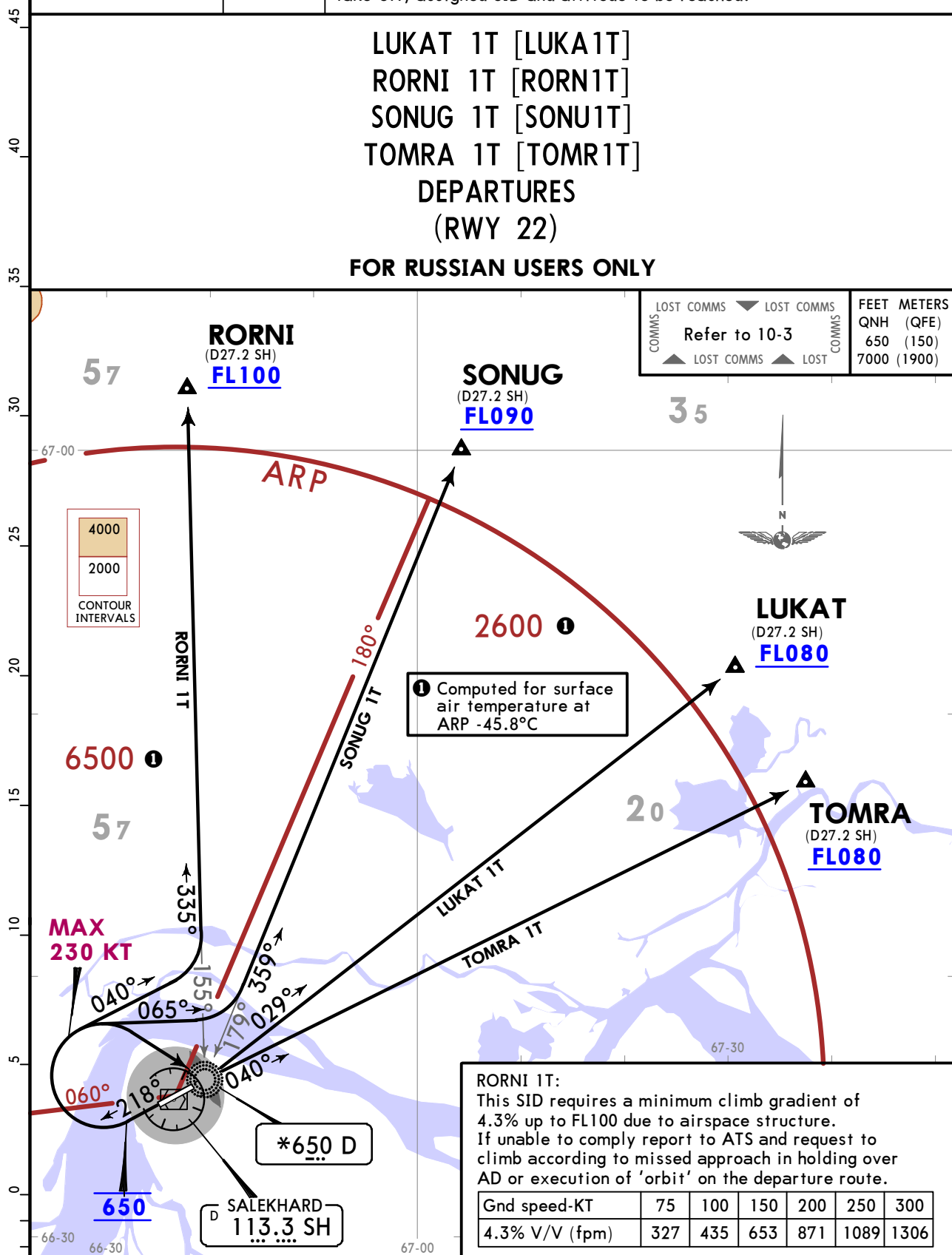
*SALEKHARD Krug (TWR)
120.8 Russian only

Apt Elev
219

Trans alt: 7000 QNH (QFE on request)
1. DME required.
2. Turns before DER are PROHIBITED.
3. Unless otherwise instructed contact SALEKHARD Krug at 650, report take-off, assigned SID and altitude to be reached.

**LUKAT 1T [LUKA1T]
RORNI 1T [RORN1T]
SONUG 1T [SONU1T]
TOMRA 1T [TOMR1T]
DEPARTURES
(RWY 22)**

FOR RUSSIAN USERS ONLY



RORNI 1T:
This SID requires a minimum climb gradient of 4.3% up to FL100 due to airspace structure. If unable to comply report to ATS and request to climb according to missed approach in holding over AD or execution of 'orbit' on the departure route.

Gnd speed-KT	75	100	150	200	250	300
4.3% V/V (fpm)	327	435	653	871	1089	1306

SID	ROUTING
LUKAT 1T	Climb on 218° track, at 650 turn RIGHT to D, 029° bearing to LUKAT.
RORNI 1T	Climb on 218° track, at 650 turn RIGHT, 040° track, intercept 335° bearing from D to RORNI.
SONUG 1T	Climb on 218° track, at 650 turn RIGHT, 065° track, intercept 359° bearing from D to SONUG.
TOMRA 1T	Climb on 218° track, at 650 turn RIGHT to D, 040° bearing to TOMRA.

CHANGES: Initial climb.

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**USDD/SLY
SALEKHARD**



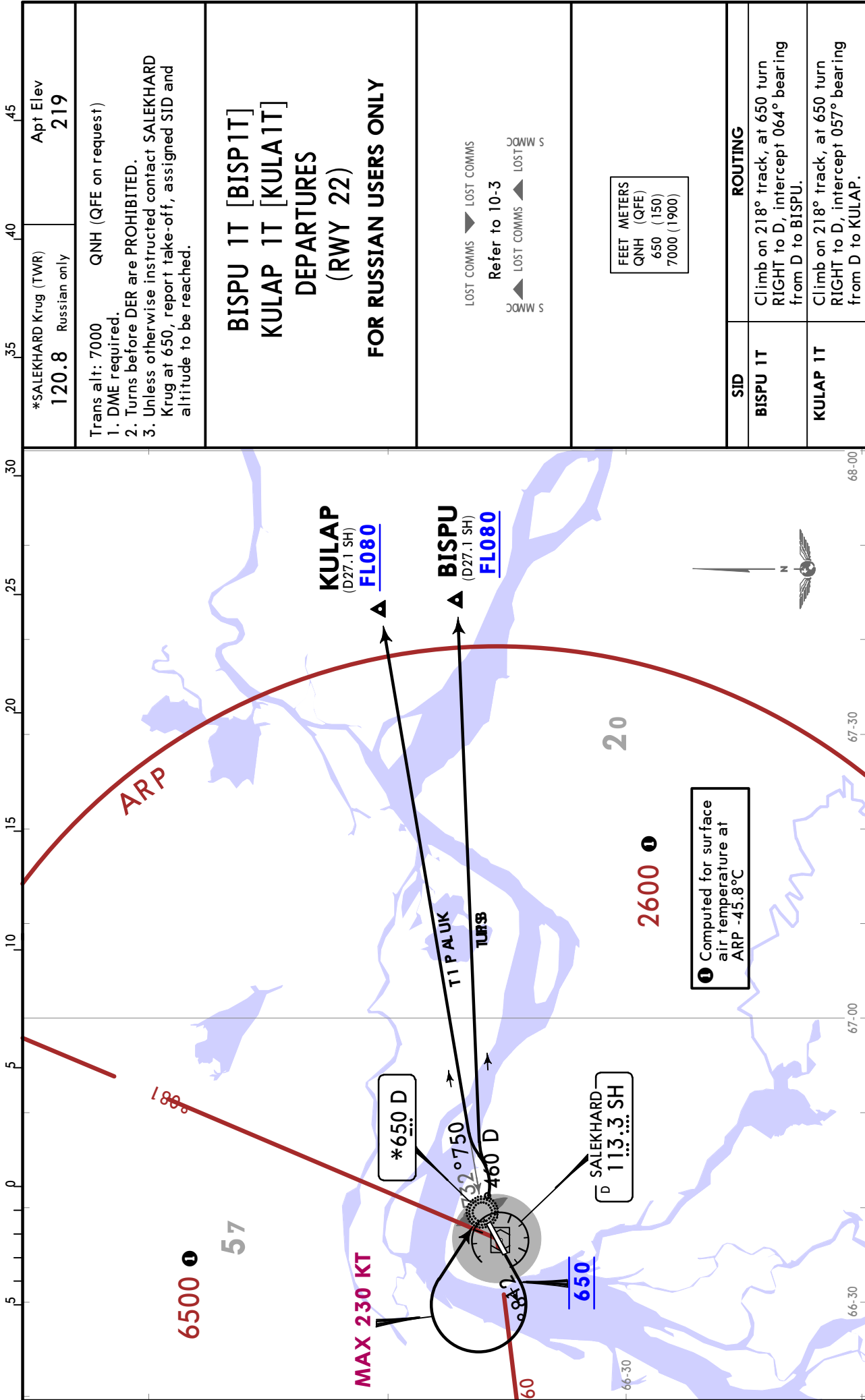
SALEKHARD, RUSSIA

13 FEB 26

10-3X2

Eff 19 Feb

SID



*SALEKHARD Krug (TWR)
120.8 Russian only

Apt Elev
219

Trans alt: 7000 QNH (QFE on request)
1. DME required.
2. Turns before DER are PROHIBITED.
3. Unless otherwise instructed contact SALEKHARD Krug at 650, report take-off, assigned SID and altitude to be reached.

**BISPU 1T [BISP1T]
KULAP 1T [KULA1T]
DEPARTURES
(RWY 22)
FOR RUSSIAN USERS ONLY**

LOST COMMS ▼ LOST COMMS
Refer to 10-3
LOST COMMS ▲ LOST COMMS

FEET METERS
QNH (QFE)
650 (150)
7000 (1900)

SID

BISPU 1T
Climb on 218° track, at 650 turn RIGHT to D, intercept 064° bearing from D to BISPU.

KULAP 1T
Climb on 218° track, at 650 turn RIGHT to D, intercept 057° bearing from D to KULAP.

USDD/SLY
SALEKHARD

 **JEPPESEN**
21 JUL 23 (10-4)

SALEKHARD, RUSSIA
NOISE

NOISE ABATEMENT

FOR RUSSIAN USERS ONLY

LT minus 5 HOURS = UTC(Z)

GENERAL

Apply the requirements on noise abatement prescribed by the Airplane Flight Manual.

Strictly follow the established arrival and departure procedures.

Use of the runway system during the day and night period without limitation.

ARRIVALS

Landing restrictions: NIL.

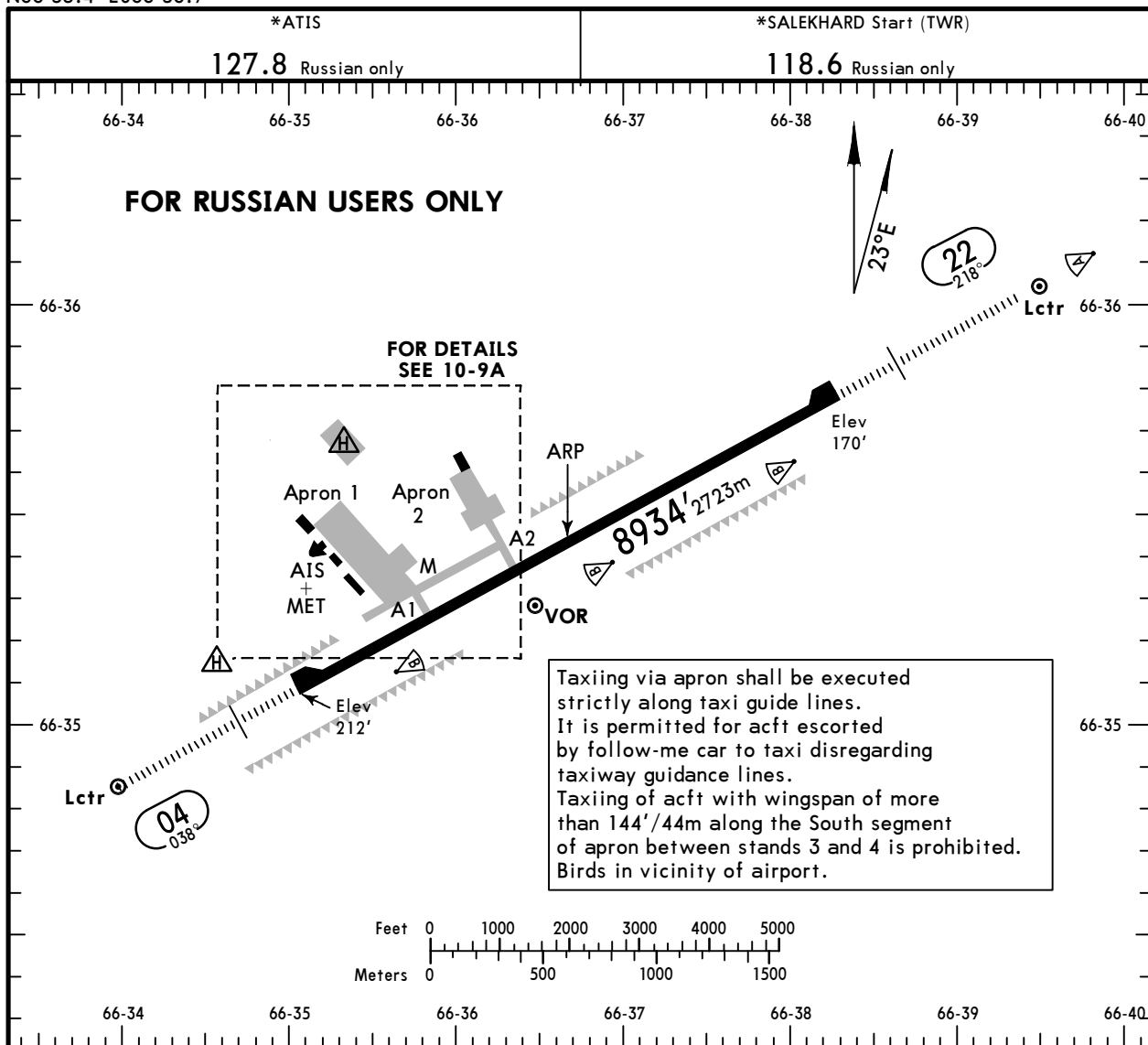
DEPARTURES

Take-off restrictions: NIL.

USDD/SLY
 Apt Elev **219'**
 N66 35.4 E066 36.7

JEPPESEN
 2 FEB 24 **(10-9)**

SALEKHARD, RUSSIA
SALEKHARD



Taxiing via apron shall be executed strictly along taxi guide lines. It is permitted for acft escorted by follow-me car to taxi disregarding taxiway guidance lines. Taxiing of acft with wingspan of more than 144'/44m along the South segment of apron between stands 3 and 4 is prohibited. Birds in vicinity of airport.

ADDITIONAL RUNWAY INFORMATION

RWY	LANDING BEYOND	USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Glide Slope		
04 ① 22	RL(60m) HIALS PAPI-L (3.0°) RVR		8084' 2464m 8022' 2445m	②	151' 46m

① Rwy lights at a distance of 7'/2m from rwy edge. Elevated rwy and twy lights 1'/0.35m.

② TAKE-OFF RUN AVAILABLE

RWY 04:

From rwy head 8934' (2723m)
 twy A1 int 6726' (2050m)
 twy A2 int 5322' (1622m)

RWY 22:

From rwy head 8934' (2723m)
 twy A2 int 3684' (1123m)
 twy A1 int 2280' (695m)

LOW VISIBILITY PROCEDURES (LVP)

LVP applied when RVR is less than 550m using the phrase "Low visibility procedures in progress", which is included in ATIS information.

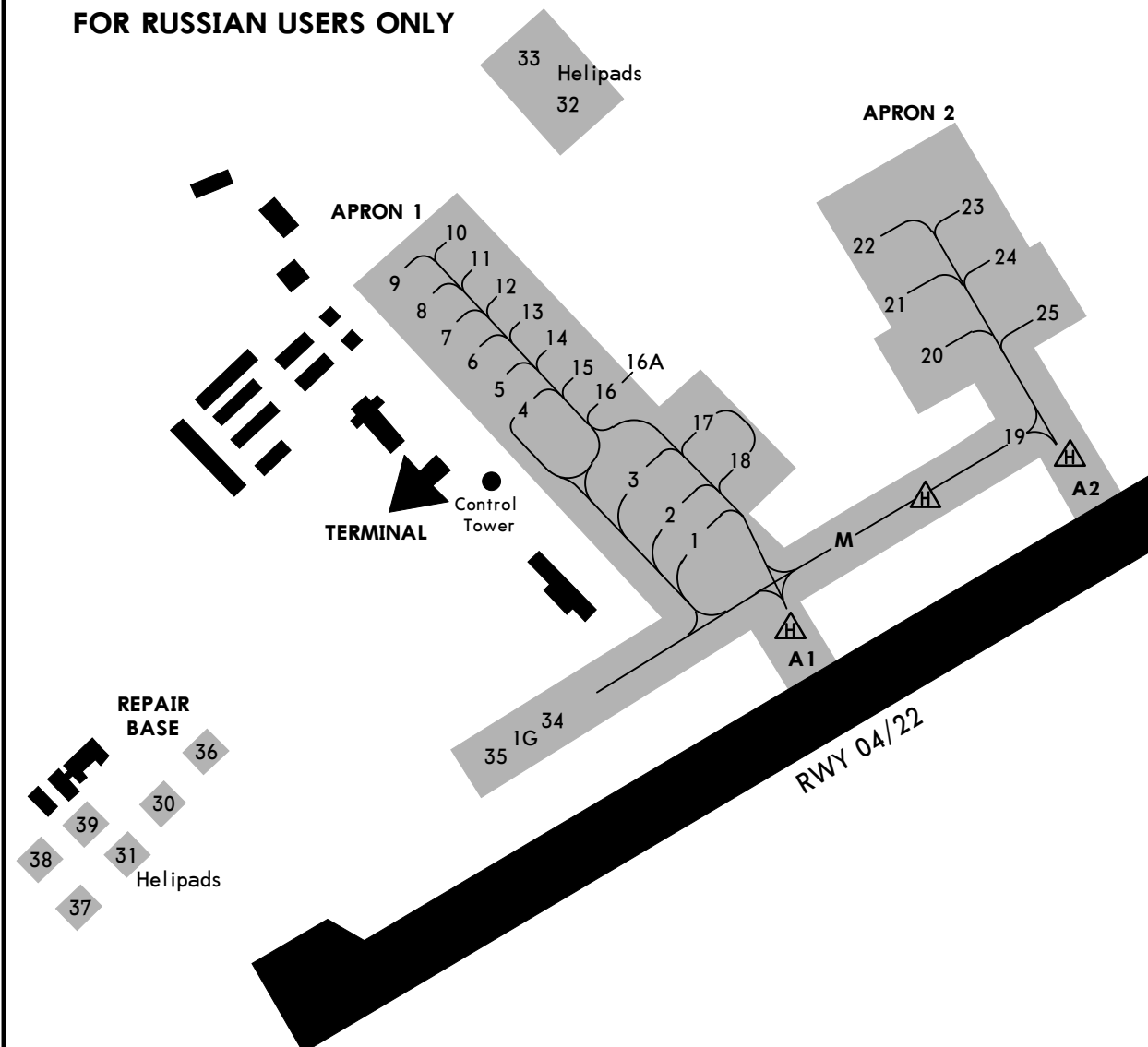
The following is prohibited during LVP:

- holding closer to the RWY than the RWY holding position without additional instructions.
- ACFT located on TWY M holding closer to TWY A1 or TWY A2 than the RWY holding position limit designation by marking of TWY intersection without additional instructions.
- take-off not from the RWY extremity,
- take-off without stop at line-up position.

Std TAKE-OFF					
RL & RCLM	RL	RL & RCLM	RL & CL	Adequate Vis Ref	
DAY	NIGHT	DAY	NIGHT	DAY	NIGHT
R300m		R/V400m		R/V500m	NA

NOT TO SCALE

FOR RUSSIAN USERS ONLY



Engines start-up, taxiing and towing shall be executed by TWR controller's permission.
 Stands 17 and 18 are used for washing and de-icing treatment of acft.
 Stand 19 is used for handling cases related to acts of unlawful interference into activities of civil aviation.
 All stands available for helicopters.

INS COORDINATES

STAND No.	COORDINATES	STAND No.	COORDINATES
1 thru 3	N66 35.4 E066 35.6	18	N66 35.4 E066 35.7
4	N66 35.4 E066 35.4	19	N66 35.4 E066 36.1
5	N66 35.5 E066 35.4	20 thru 22	N66 35.5 E066 36.1
6 thru 8	N66 35.5 E066 35.3	23	N66 35.6 E066 36.2
9	N66 35.5 E066 35.2	24	N66 35.5 E066 35.2
10	N66 35.6 E066 35.3	25	N66 35.5 E066 36.3
11	N66 35.5 E066 35.3		
12 thru 15	N66 35.5 E066 35.4		
16	N66 35.5 E066 35.5		
17	N66 35.4 E066 35.6		

USDD/SLY


JEPPesen

22 APR 22

10-9S

EASA AIR OPS
SALEKHARD, RUSSIA
SALEKHARD
FOR RUSSIAN USERS ONLY

STRAIGHT-IN RWY		A	B	C	D
04	ILS Z, Y, W or V	429'(217')	439'(227')	449'(237')	459'(247')
	FULL	① R550m	① R550m	① R550m	① R550m
	ALS out	R1200m	R1200m	R1200m	R1200m
	GLS	429'(217')	439'(227')	449'(237')	459'(247')
	ALS out	① R550m	① R550m	① R550m	① R550m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	② RNP	600'(388')	600'(388')	600'(388')	600'(388')
	ALS out	R1100m	R1100m	R1100m	R1100m
		R1500m	R1500m	R1800m	R1800m
	② VOR Z, Y or X	580'(368')	580'(368')	580'(368')	580'(368')
ALS out	R1000m	R1000m	R1000m	R1000m	
	R1500m	R1500m	R1700m	R1700m	
② NDB Z	630'(418')	630'(418')	630'(418')	630'(418')	
ALS out	R1200m	R1200m	R1200m	R1200m	
	R1500m	R1500m	R1900m	R1900m	
NDB Y	630'(418')	630'(418')	630'(418')	630'(418')	
ALS out	R1400m	R1400m	R1600m	R1600m	
	R2100m	R2100m	R2300m	R2300m	
22	ILS Z, Y, X, W or V	370'(200')	376'(206')	386'(216')	396'(226')
	FULL	① R550m	① R550m	① R550m	① R550m
	ALS out	R1200m	R1200m	R1200m	R1200m
	GLS	370'(200')	376'(206')	386'(216')	396'(226')
	ALS out	① R550m	① R550m	① R550m	① R550m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	② RNP	490'(320')	490'(320')	490'(320')	490'(320')
	ALS out	R750m	R750m	R750m	R750m
		R1400m	R1400m	R1400m	R1400m
	② VOR Z, Y or X	490'(320')	490'(320')	490'(320')	490'(320')
ALS out	R750m	R750m	R750m	R750m	
	R1400m	R1400m	R1400m	R1400m	
② NDB Z or X	510'(340')	510'(340')	510'(340')	510'(340')	
ALS out	R800m	R800m	R800m	R800m	
	R1500m	R1500m	R1500m	R1500m	
NDB Y	510'(340')	510'(340')	510'(340')	510'(340')	
ALS out	R1000m	R1000m	R1200m	R1200m	
	R1700m	R1700m	R1900m	R1900m	

① R750m when a Flight Director or Autopilot or HUD to DA is not used.

② Continuous Descent Final Approach.

USDD/SLY



EASA AIR OPS

22 APR 22

(10-9S)

SALEKHARD, RUSSIA
SALEKHARD

FOR RUSSIAN USERS ONLY

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
Prohibited in sector 047° - 210°.	660' (441') V1500m	720' (501') V1600m	820' (601') V2400m	920' (701') V3600m

TAKE-OFF					
Low Visibility Take-off		RL & RCLM	RL & CL	Adequate Vis Ref	
RL & RCLM	RL			DAY	NIGHT
DAY	NIGHT	DAY	NIGHT	DAY	NIGHT
R300m		R/V400m		R/V500m	NA

USDD/SLY SALEKHARD

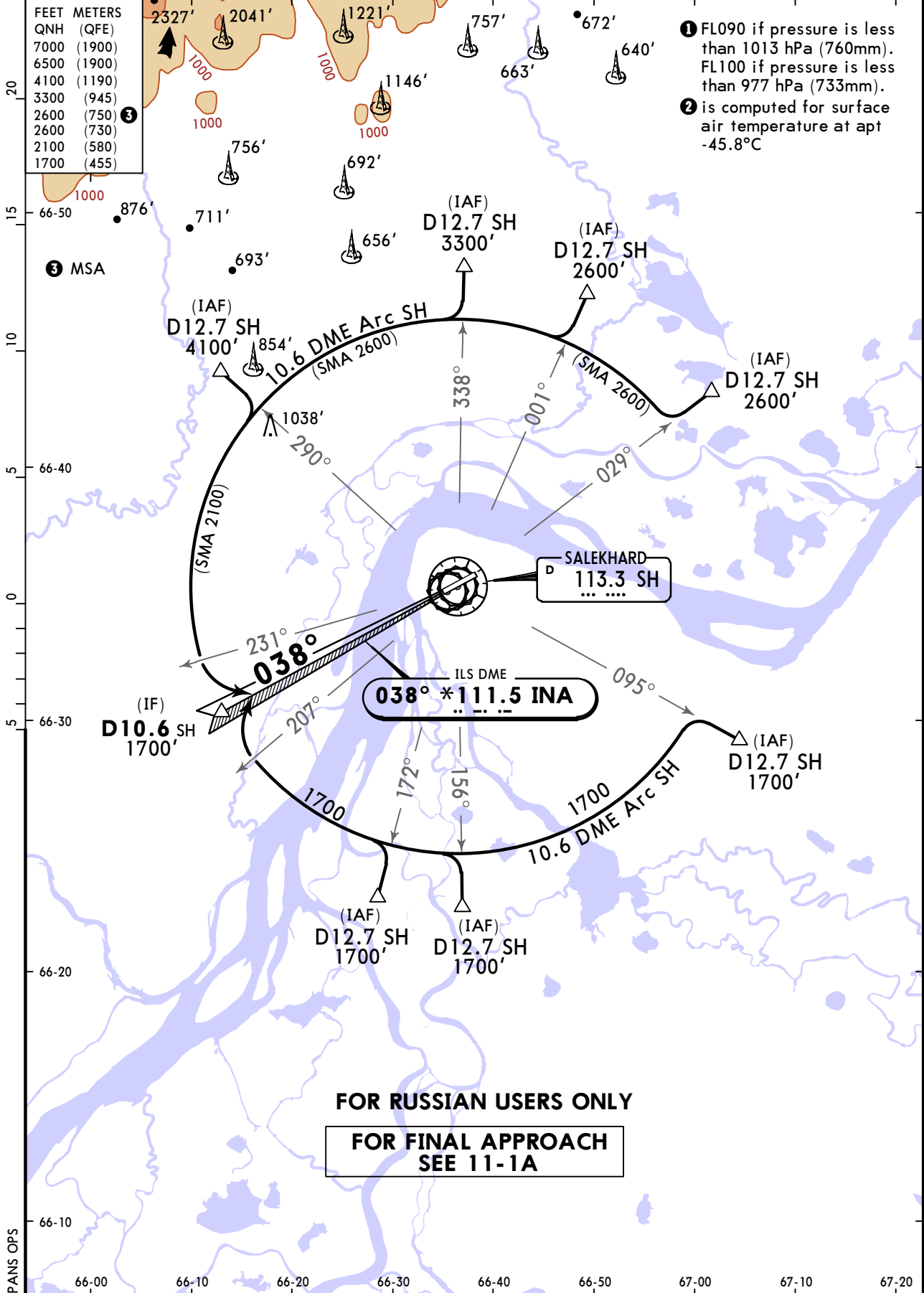
JEPPesen

29 NOV 24 **(11-1)**

SALEKHARD, RUSSIA ILS Z Rwy 04

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only		<p>MSA ARP ②</p>
LOC INA *111.5	Final Apch Crs 038°	Refer to chart 11-1A	ILS DA(H) Refer to chart 11-1A	Apt Elev 219'		
Alt Set: hPa (MM on req)		Rwy Elev: 8 hPa	Trans level: FL080 ①	Trans alt: 7000'		

1. DME required. 2. ILS DME reads zero at rwy 04 threshold.

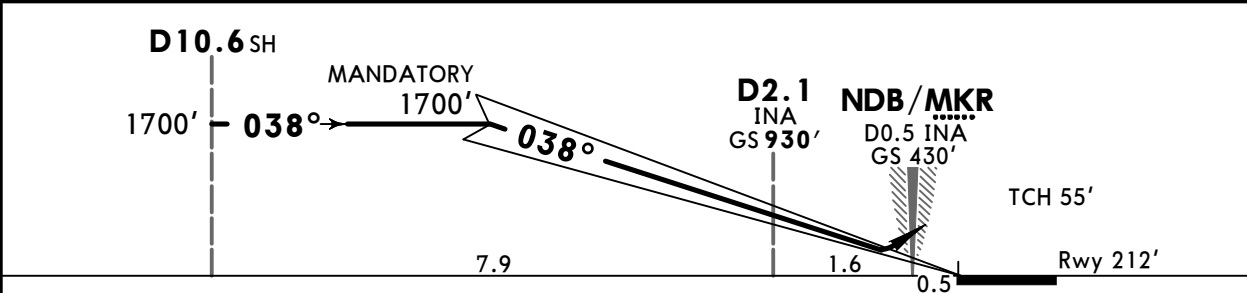
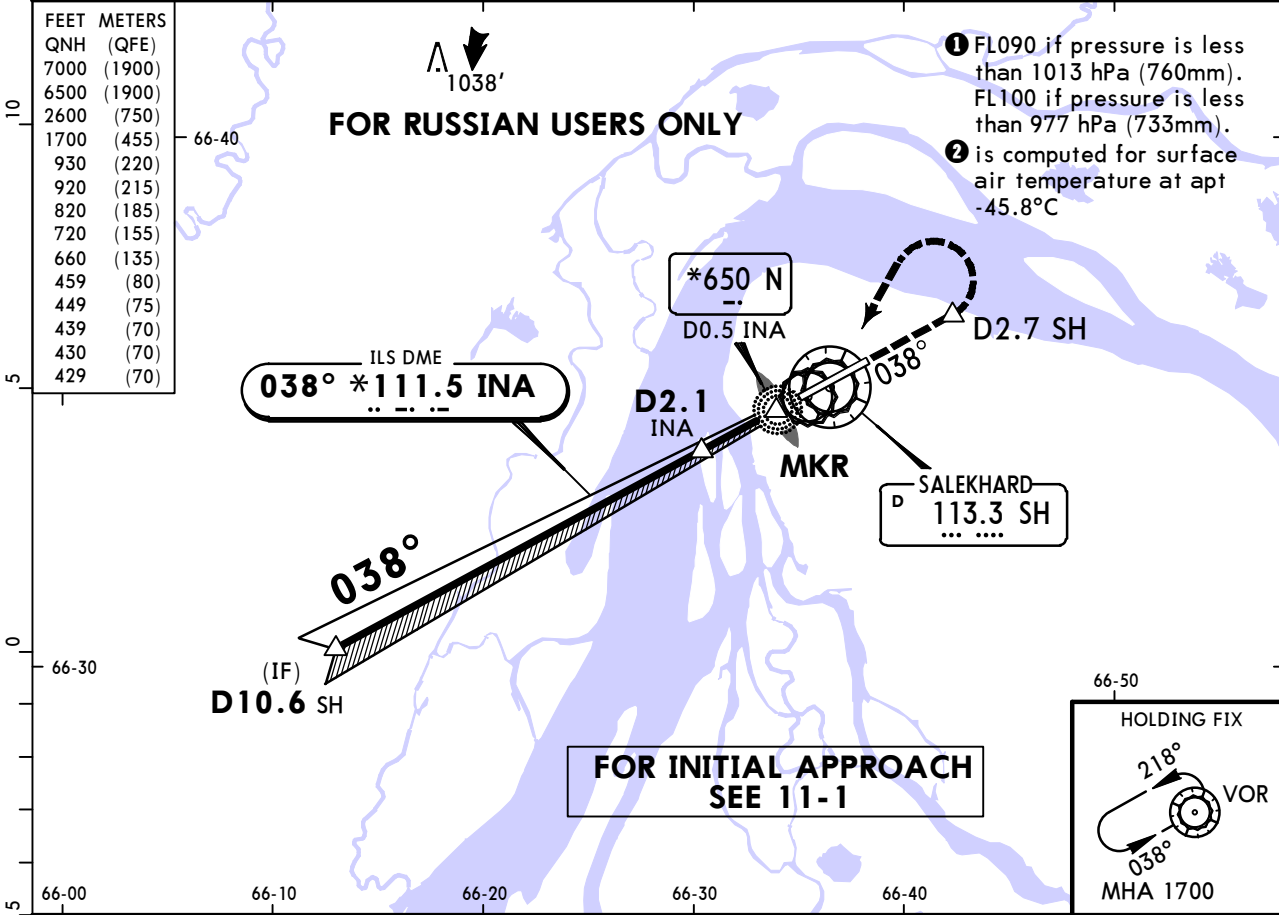


**USDD/SLY
SALEKHARD**

JEPPESSEN
29 NOV 24 **(11-1A)**

**SALEKHARD, RUSSIA
ILS Z Rwy 04**

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
LOC INA *111.5	Final Apch Crs 038°	D2.1 INA 930' (718')	ILS DA(H) Refer to Minimums	Apt Elev 219' Rwy 212'	<p>MSA ARP ②</p>
MISSED APCH: Climb on 038° until D2.7 SH, turn LEFT to VOR climbing to 1700' or above, or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 8 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. ILS DME reads zero at rwy 04 threshold.					



HIALS	D2.7	SH on 038°
PAPI		

PANS OPS	STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
	ILS		Prohibited in sector 047° - 210°	
	DA(H) A: 429' (217') C: 449' (237') B: 439' (227') D: 459' (247')			
	FULL	ALS out	Max Kts	MDA(H)
A	1 R550m	R1200m	100	660' (441') V1500m
B			135	720' (501') V1600m
C			180	820' (601') V2400m
D			205	920' (701') V3600m

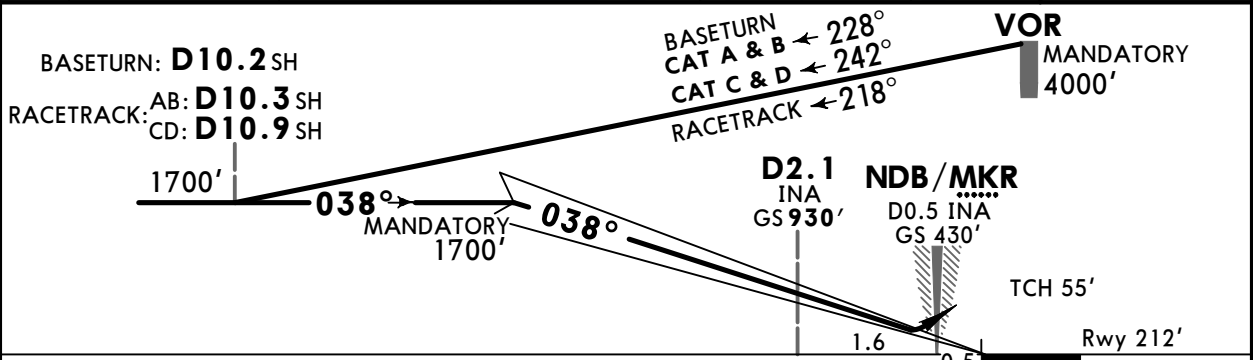
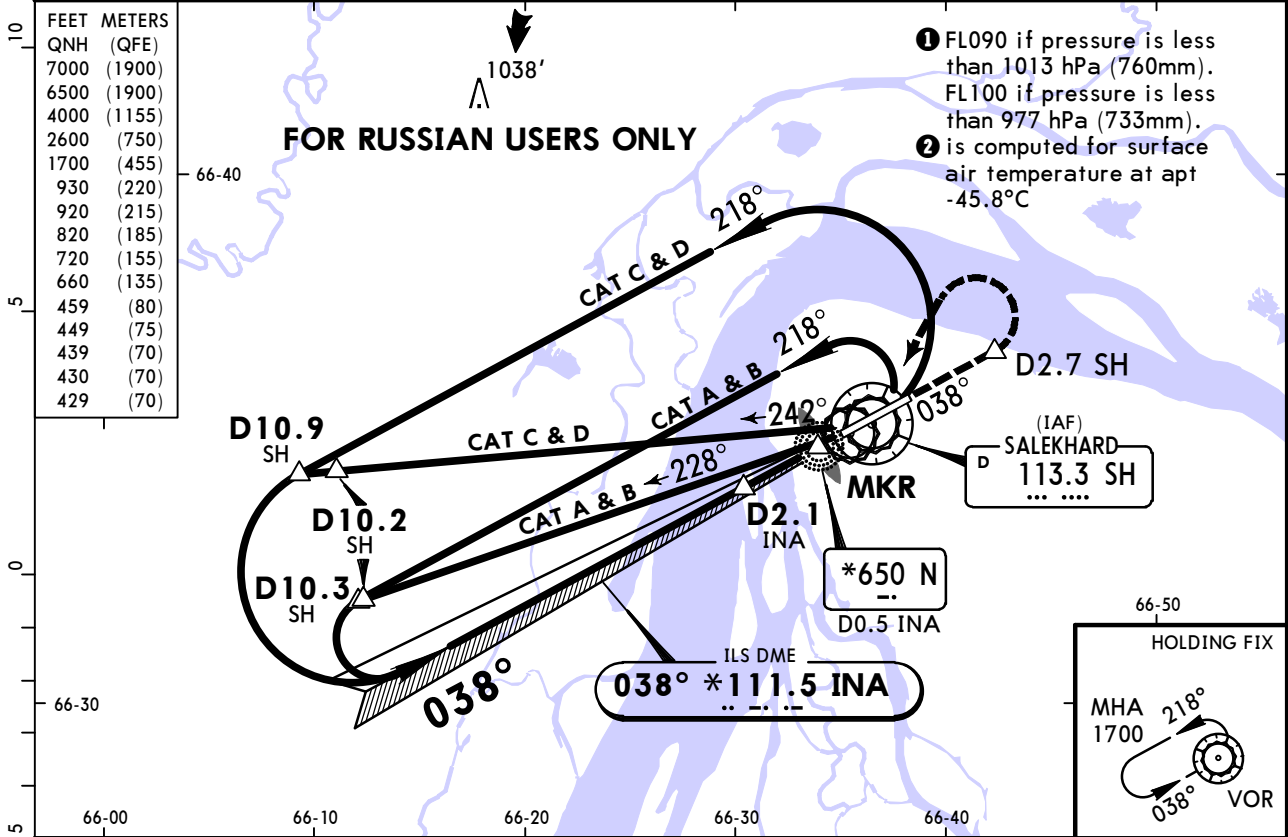
1 R750m when a Flight Director or Autopilot or HUD to DA is not used.
CHANGES: MSA, conversion box. © JEPPESSEN, 2020, 2024. ALL RIGHTS RESERVED.

USDD/SLY
SALEKHARD

JEPPESEN
29 NOV 24 **(11-2)**

SALEKHARD, RUSSIA
ILS Y Rwy 04

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
LOC INA *111.5	Final Apch Crs 038°	D2.1 INA 930' (718')	ILS DA(H) Refer to Minimums	Apt Elev 219' Rwy 212'	<p>MSA ARP ②</p>
MISSED APCH: Climb on 038° until D2.7 SH, turn LEFT to VOR climbing to 1700' or above, or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 8 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. MAX 230 KT. 3. ILS DME reads zero at rwy 04 threshold.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI
GS	3.00°	372	478	531	637	849	

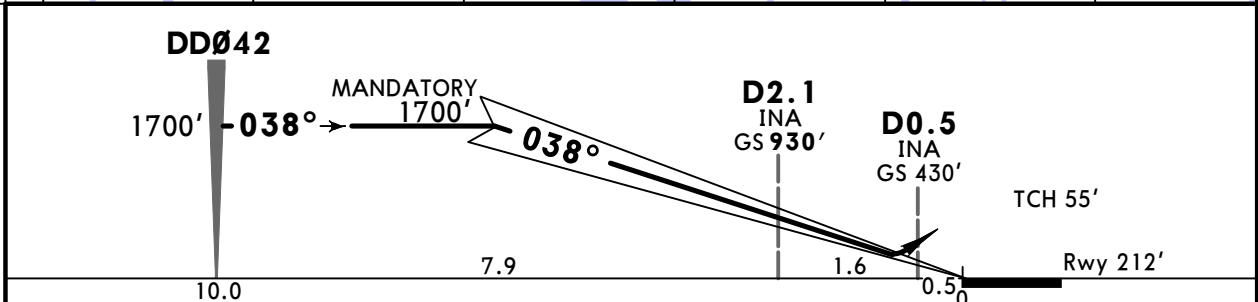
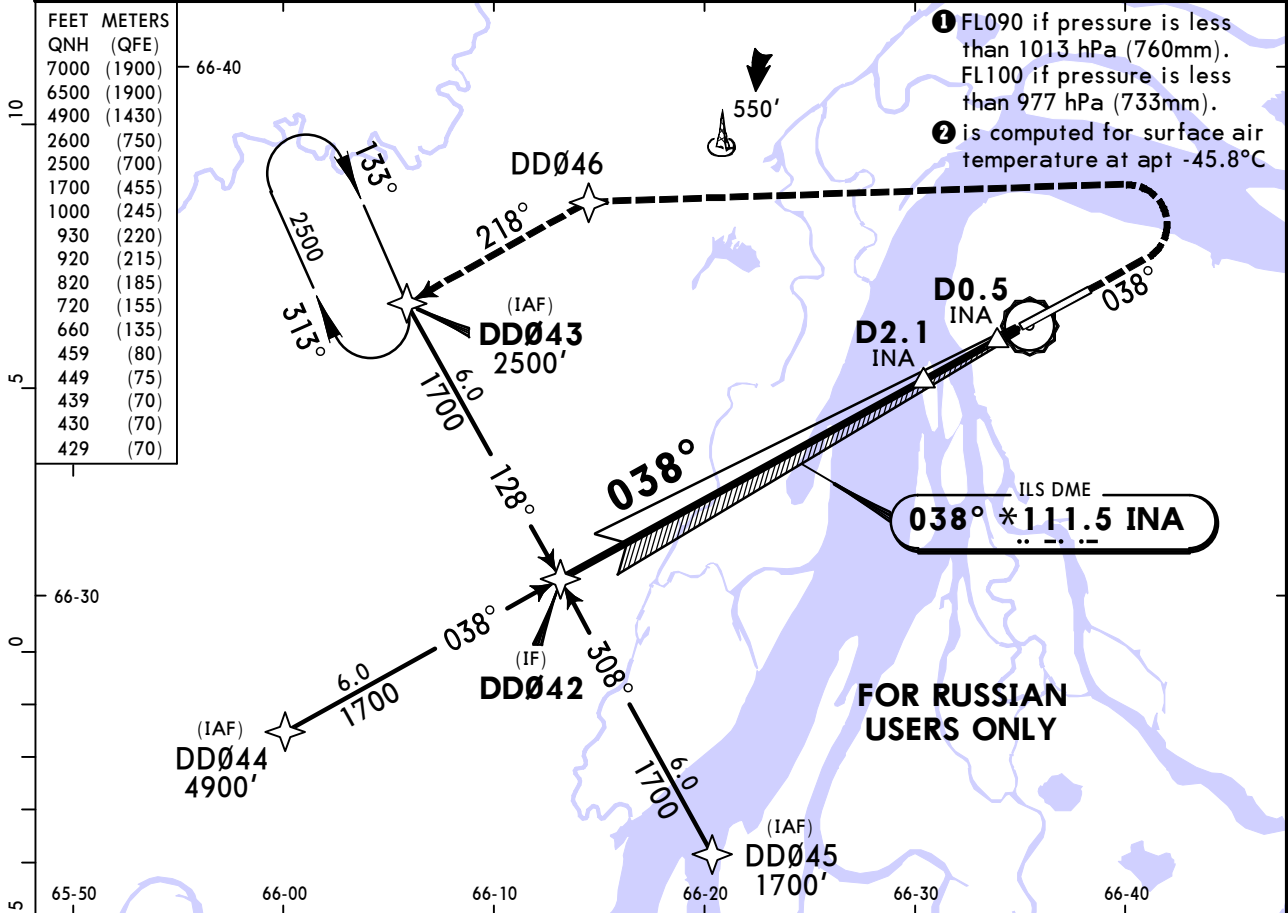
Std	STRAIGHT-IN LANDING ILS		CIRCLE-TO-LAND	
	DA(H) A: 429' (217') C: 449' (237') B: 439' (227') D: 459' (247')		Prohibited in sector 047° - 210°	
	FULL	ALS out	Max Kts	MDA(H)
A	R550m	R1200m	100	660' (441') V1500m
B			135	720' (501') V1600m
C			180	820' (601') V2400m
D			205	920' (701') V3600m
① R750m when a Flight Director or Autopilot or HUD to DA is not used.				

**USDD/SLY
SALEKHARD**

JEPPESSEN
29 NOV 24 **(11-3)**

**SALEKHARD, RUSSIA
ILS W Rwy 04**

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
LOC INA *111.5	Final Apch Crs 038°	D2.1 INA 930' (718')	ILS DA(H) Refer to Minimums	Apt Elev 219' Rwy 212'	
MISSED APCH: Climb on 038° to 1000' or above (MAX 210 KT), turn LEFT to DDØ46 climbing to 2500' (MAX 210 KT), then to DDØ43 to 2500' or above, then according to chart or as directed.					
Alt Set: hPa (MM on req)			Rwy Elev: 8 hPa	Trans level: FL080 ①	Trans alt: 7000'
RNAV 1 for initial, intermediate and missed apch.			1. GNSS required. 2. ILS DME reads zero at rwy 04 thr.		



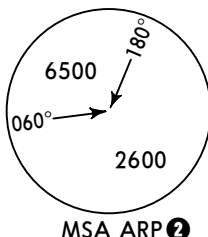
Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	MIN 1000' on 038° ↑ 210 KT MAX
GS	3.00°	372	478	531	637	849		

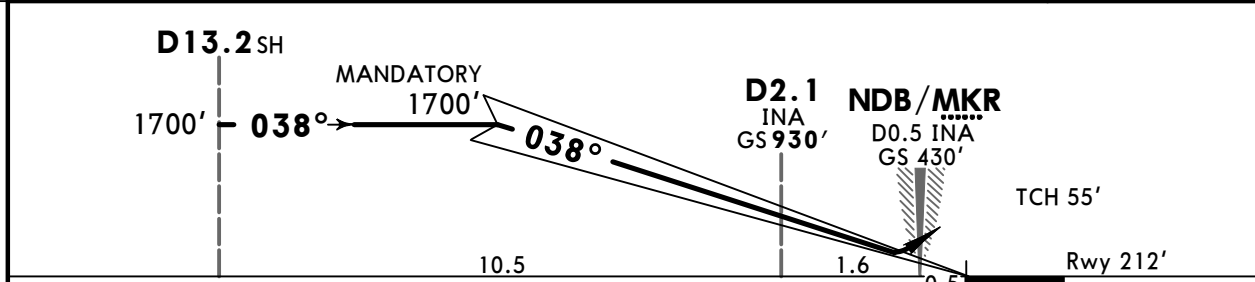
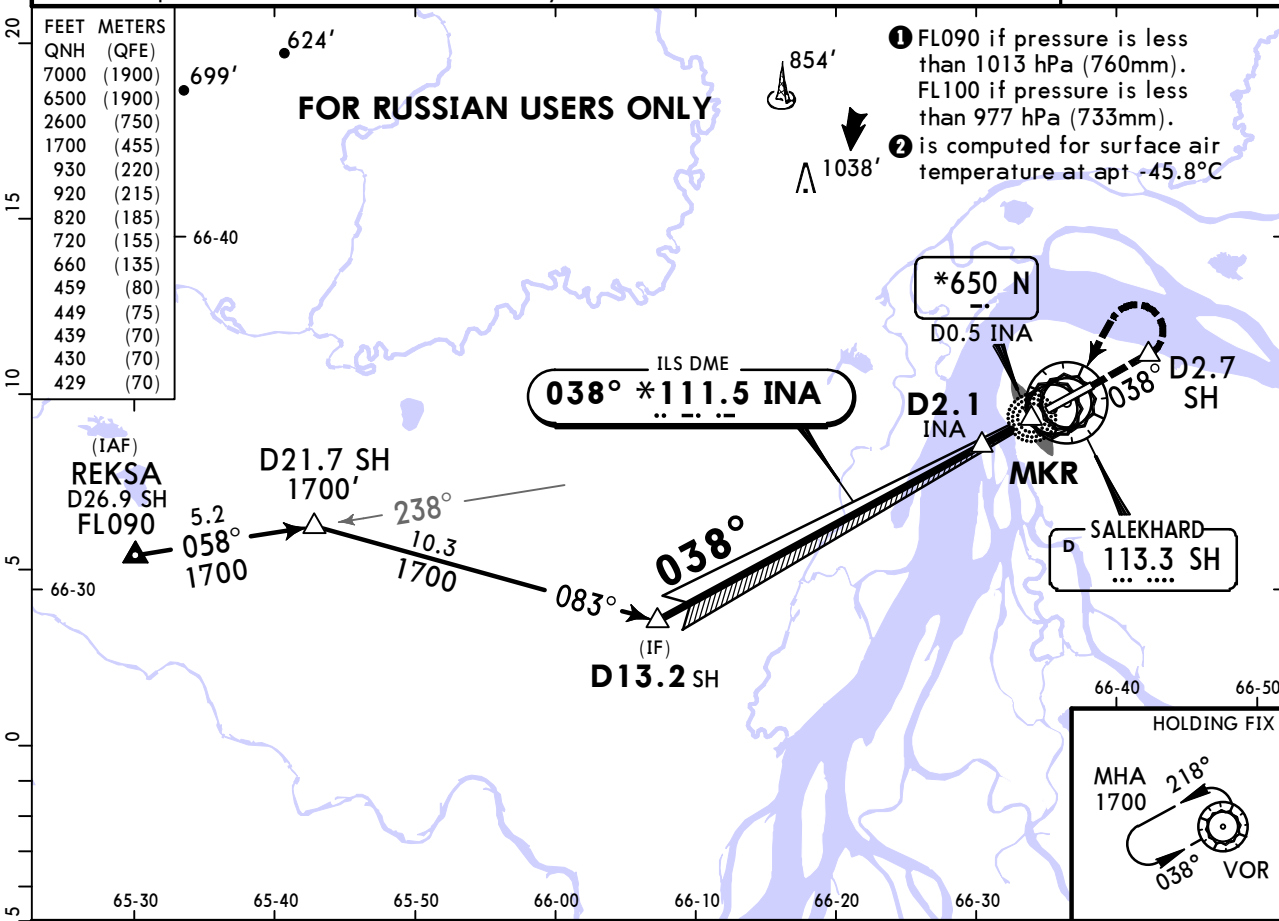
Std	STRAIGHT-IN LANDING ILS		CIRCLE-TO-LAND	
	DA(H) A: 429' (217') C: 449' (237') B: 439' (227') D: 459' (247')		Prohibited in sector 047° - 210°	
	FULL	ALS out	Max Kts	MDA(H)
A	R550m	R1200m	100	660' (441') V1500m
B			135	720' (501') V1600m
C			180	820' (601') V2400m
D			205	920' (701') V3600m
① R750m when a Flight Director or Autopilot or HUD to DA is not used.				

USDD/SLY SALEKHARD

JEPPESEN
29 NOV 24 **(11-4)**

SALEKHARD, RUSSIA ILS V Rwy 04

*ATIS 127.8 Russian only	*SALEKHARD Krug (TWR) 120.8 Russian only	*SALEKHARD Start (TWR) 118.6 Russian only
LOC INA *111.5	Final Apch Crs 038°	D2.1 INA 930' (718')
		ILS DA(H) Refer to Minimums
		Apt Elev 219' Rwy 212'
MISSED APCH: Climb on 038° until D2.7 SH, turn LEFT to VOR climbing to 1700' or above, or as directed.		
Alt Set: hPa (MM on req) Rwy Elev: 8 hPa Trans level: FL080 1 Trans alt: 7000'		
1. DME required. 2. ILS DME reads zero at rwy 04 threshold.		 MSA ARP 2



Gnd speed-Kts	70	90	100	120	140	160		HIALS	
GS	3.00°	372	478	531	637	849		PAPI	D2.7 SH on 038°

Std	STRAIGHT-IN LANDING	CIRCLE-TO-LAND
	ILS	
	DA(H) A: 429' (217') C: 449' (237') B: 439' (227') D: 459' (247')	Prohibited in sector 047° - 210°
	FULL	ALS out
A	1 R550m	Max Kts MDA(H) V
B	R1200m	100 660' (441') V1500m
C		135 720' (501') V1600m
D		180 820' (601') V2400m
		205 920' (701') V3600m

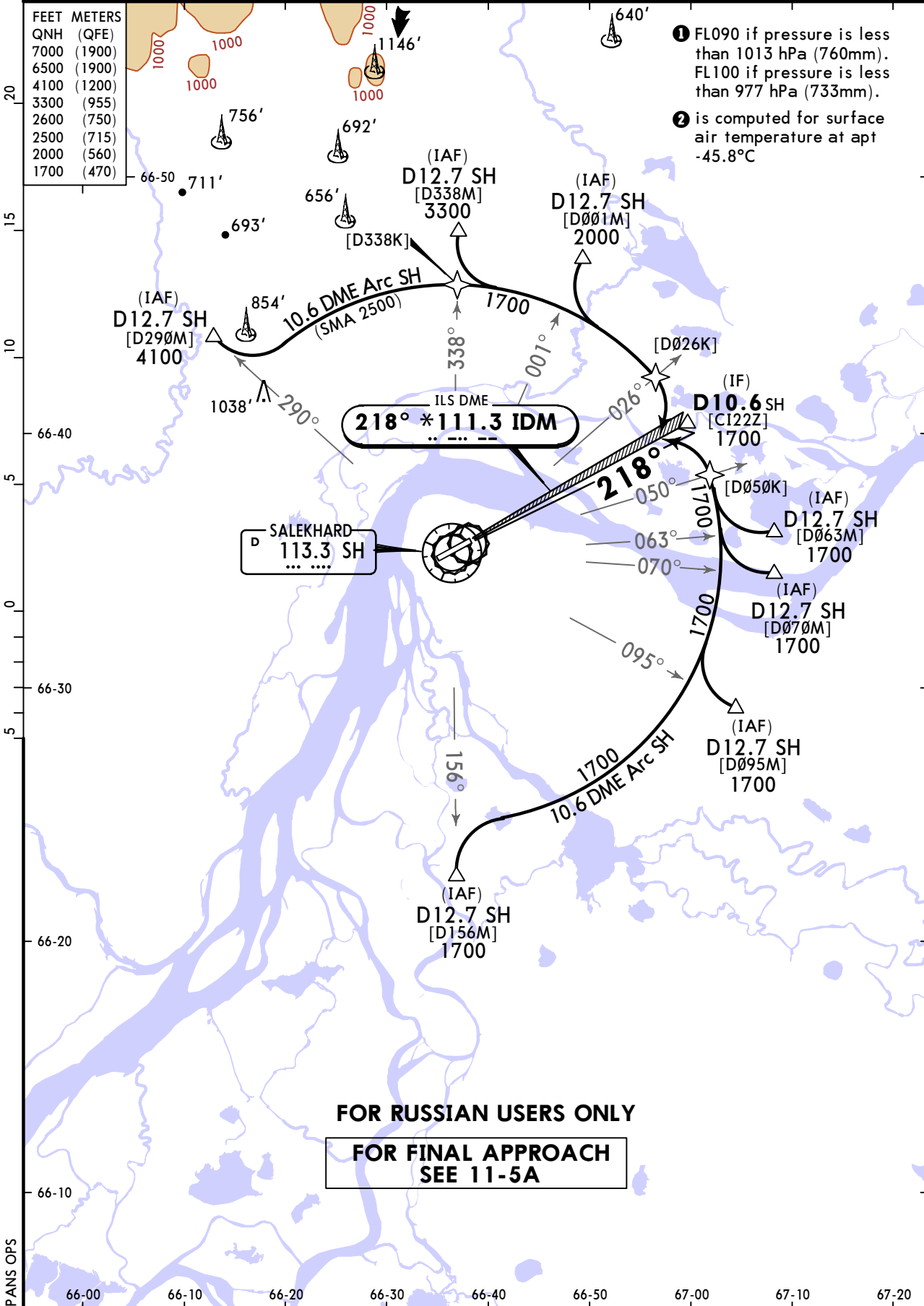
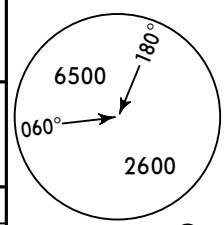
1 R750m when a Flight Director or Autopilot or HUD to DA is not used.
CHANGES: MSA, conversion box., IAF altitude. © JEPPESEN, 2020, 2024. ALL RIGHTS RESERVED.

USDD/SLY SALEKHARD

JEPPesen
13 FEB 26 **11-5** Eff 19 Feb

SALEKHARD, RUSSIA ILS Z Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
LOC IDM *111.3	Final Apch Crs 218°	Refer to chart 11-5A	ILS DA(H) Refer to chart 11-5A	Apt Elev 219' Rwy 170'	
Alt Set: hPa (MM on req)		Rwy Elev: 6 hPa	Trans level: FL080 1	Trans alt: 7000'	
1. DME required. 2. ILS DME reads zero at rwy 22 threshold.					MSA ARP 2

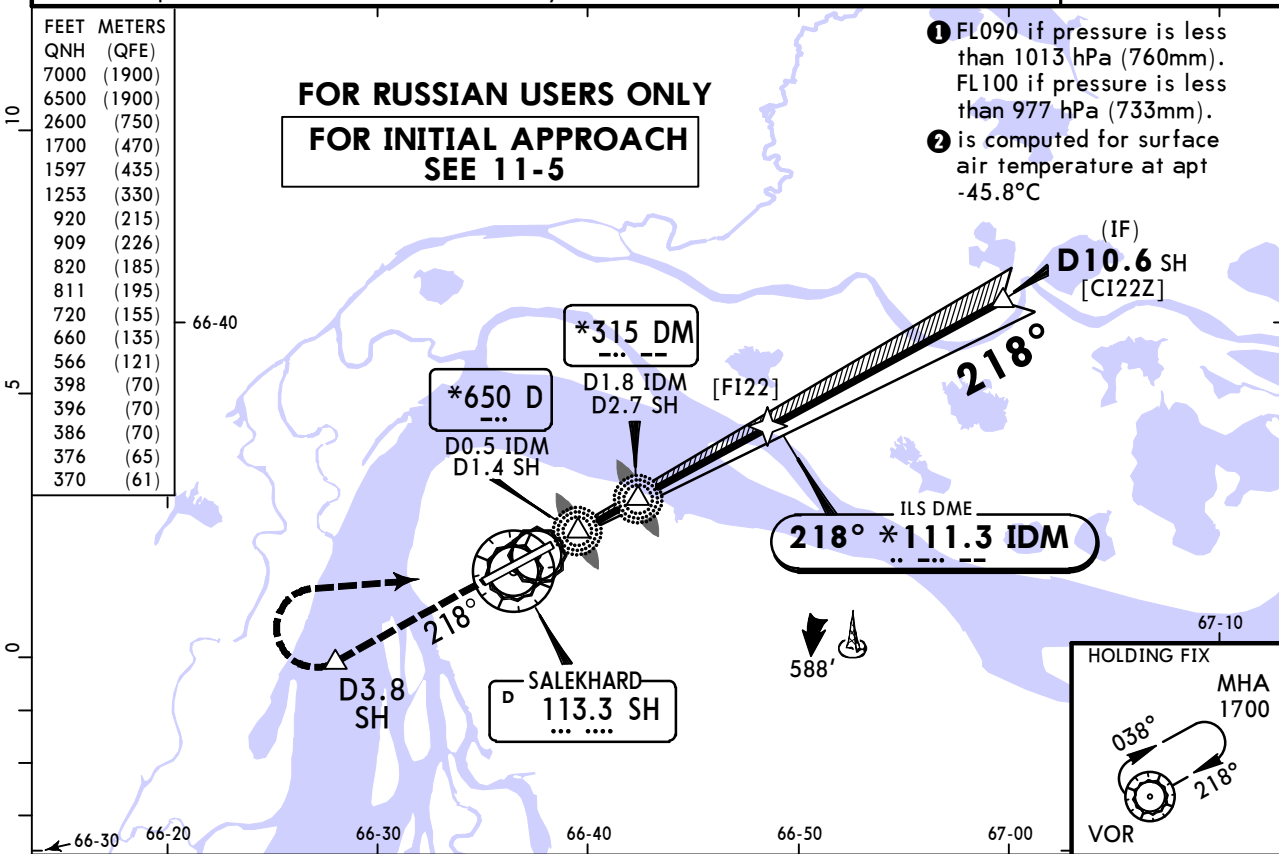


USDD/SLY SALEKHARD

JEPPESEN
13 FEB 26 **(11-5A)** Eff 19 Feb

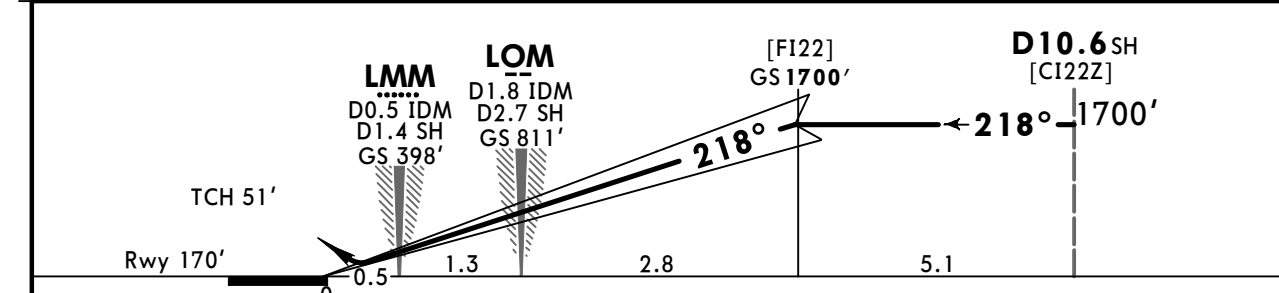
SALEKHARD, RUSSIA ILS Z Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
LOC IDM *111.3	Final Apch Crs 218°	[F122] 1700' (1530')	ILS DA(H) Refer to Minimums	Apt Elev 219' Rwy 170'	<p>MSA ARP ②</p>
MISSED APCH: Climb on 218° until D3.8 SH, turn RIGHT to VOR climbing to 1700' or above, or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. ILS DME reads zero at rwy 22 threshold.					



- ① FL090 if pressure is less than 1013 hPa (760mm). FL100 if pressure is less than 977 hPa (733mm).
- ② is computed for surface air temperature at apt -45.8°C

IDM DME	1.1	2.2	3.2	4.3
ALTITUDE	566'	909'	1253'	1597'



Gnd speed-KT	70	90	100	120	140	160	HIALS PAPI
Gs	3.00°	372	478	531	637	849	

PANS OPS	Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
	ILS DA(H) A: 370' (200') C: 386' (216') B: 376' (206') D: 396' (226')		Prohibited in sector 047° - 210°	
	ALS out		Max KT	MDA(H)
	A	1 R550m	R1200m	100
B			135	720' (501') V1600m
C			180	820' (601') V2400m
D			205	920' (701') V3600m

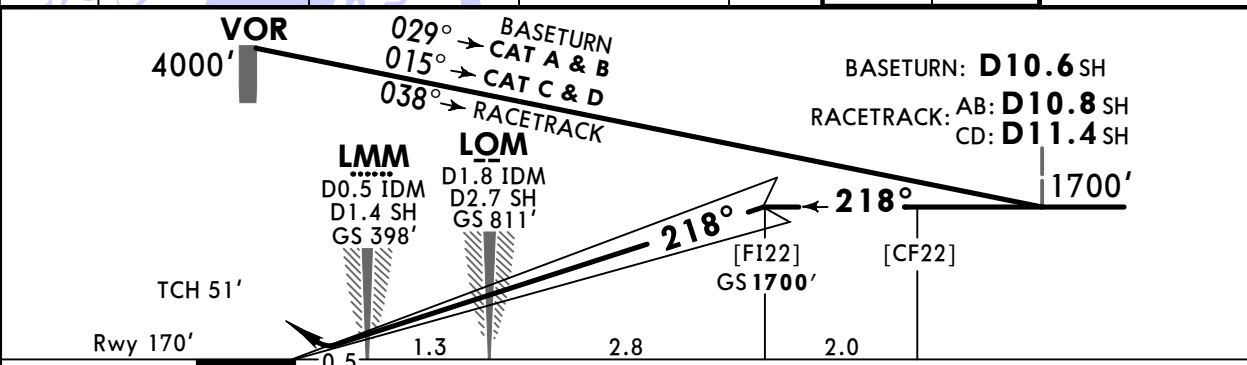
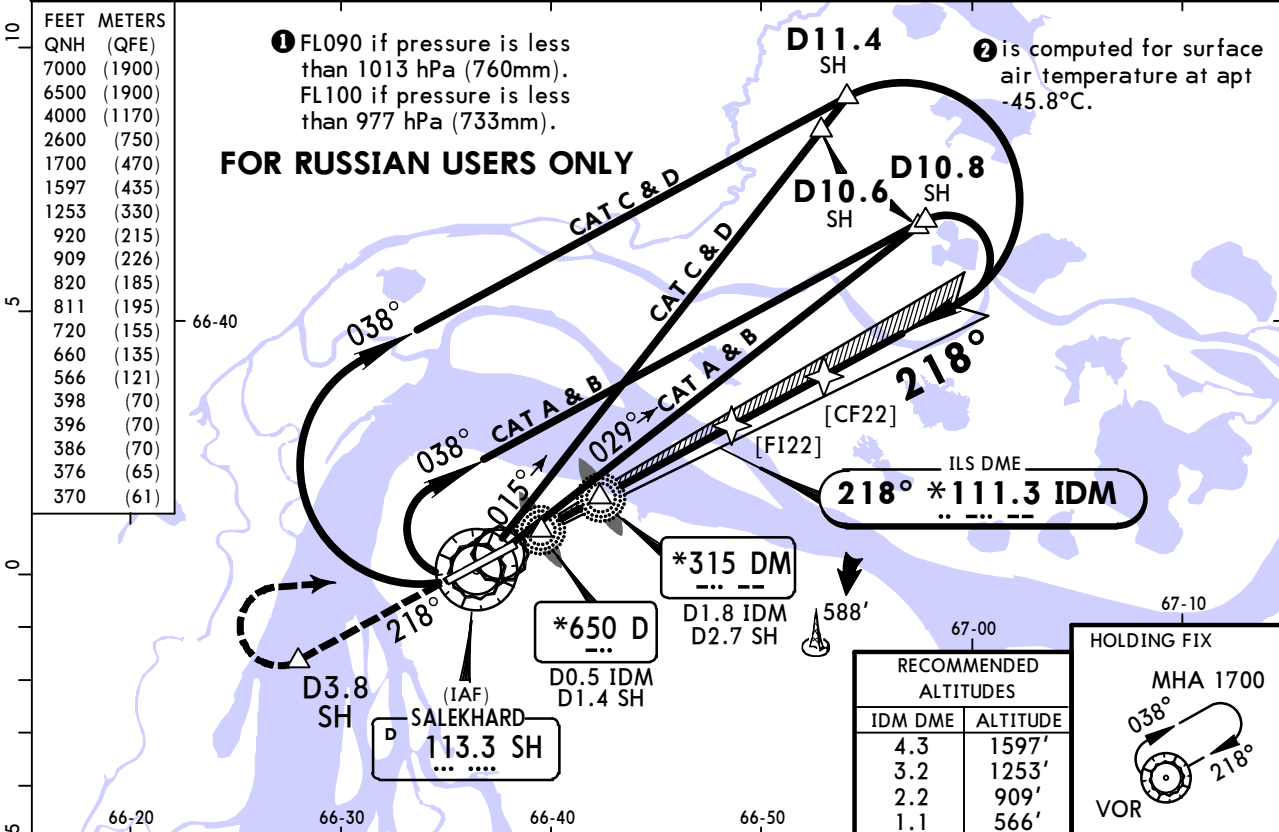
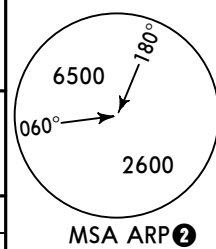
1 R750m when a Flight Director or Autopilot or HUD to DA is not used.

USDD/SLY SALEKHARD

JEPPESEN
13 FEB 26 **11-6** Eff 19 Feb

SALEKHARD, RUSSIA ILS Y Rwy 22

*ATIS 127.8 Russian only	*SALEKHARD Krug (TWR) 120.8 Russian only	*SALEKHARD Start (TWR) 118.6 Russian only
LOC IDM *111.3	Final Apch Crs 218°	[FI22] 1700' (1530')
		ILS DA(H) Refer to Minimums
		Apt Elev 219' Rwy 170'
MISSED APCH: Climb on 218° until D3.8 SH, turn RIGHT to VOR climbing to 1700' or above, or as directed.		
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 1 Trans alt: 7000'		
1. DME required. 2. MAX 240 KT. 3. ILS DME reads zero at rwy 22 threshold.		



Gnd speed-KT	70	90	100	120	140	160		HIALS	
GS	3.00°	372	478	531	637	743	849	PAPI	D3.8 SH on 218°

	Std STRAIGHT-IN LANDING ILS	CIRCLE-TO-LAND
	DA(H) A: 370' (200') C: 386' (216') B: 376' (206') D: 396' (226')	Prohibited in sector 047° - 210°
	ALS out	Max KT
A	1 R550m	MDA(H) 660' (441') V1500m
B	R1200m	135 720' (501') V1600m
C		180 820' (601') V2400m
D		205 920' (701') V3600m

1 R750m when a Flight Director or Autopilot or HUD to DA is not used.
CHANGES: Fix designations, recommended altitudes. © JEPPESEN, 2020, 2026. ALL RIGHTS RESERVED.

USDD/SLY SALEKHARD

JEPPESEN
13 FEB 26 **11-7** Eff 19 Feb

SALEKHARD, RUSSIA ILS X Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
LOC IDM *111.3	Final Apch Crs 218°	[F122] 1700' (1530')	ILS DA(H) Refer to Minimums	Apt Elev 219' Rwy 170'	
MISSED APCH: Climb on 218° until D3.8 SH, turn RIGHT to DM NDB climbing to 1700' or above, or as directed.					<p>MSA ARP ②</p>
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. MAX 240 KT. 3. ILS DME reads zero at rwy 22 threshold.					

FEET METERS

7000	(1900)
6500	(1900)
4000	(1170)
2600	(750)
1700	(470)
1597	(435)
1253	(330)
920	(215)
909	(226)
820	(185)
811	(195)
720	(155)
660	(135)
566	(121)
398	(70)
396	(70)
386	(70)
376	(65)
370	(61)

FOR RUSSIAN USERS ONLY

① FL090 if pressure is less than 1013 hPa (760mm).
FL100 if pressure is less than 977 hPa (733mm).

② is computed for surface air temperature at apt -45.8°C

RECOMMENDED ALTITUDES

IDM DME	ALTITUDE
4.3	1597'
3.2	1253'
2.2	909'
1.1	566'

LOM 4000'

LMM D0.5 IDM D1.4 SH GS 398'

D1.8 IDM D2.7 SH GS 811'

TCH 51'

Rwy 170'

BASETURN: **D10.9 SH**

RACETRACK: AB: **D11.1 SH**
CD: **D11.7 SH**

027° → BASETURN
011° → CAT A & B
038° → RACETRACK

Gnd speed-KT	70	90	100	120	140	160	HIALS PAPI
GS	3.00°	372	478	531	637	849	

Std STRAIGHT-IN LANDING ILS		CIRCLE-TO-LAND	
DA(H) A: 370' (200') C: 386' (216') B: 376' (206') D: 396' (226')		Prohibited in sector 047° - 210°	
ALS out		Max KT	MDA(H)
A	1 R550m	100	660' (441') V1500m
B		135	720' (501') V1600m
C		180	820' (601') V2400m
D		205	920' (701') V3600m

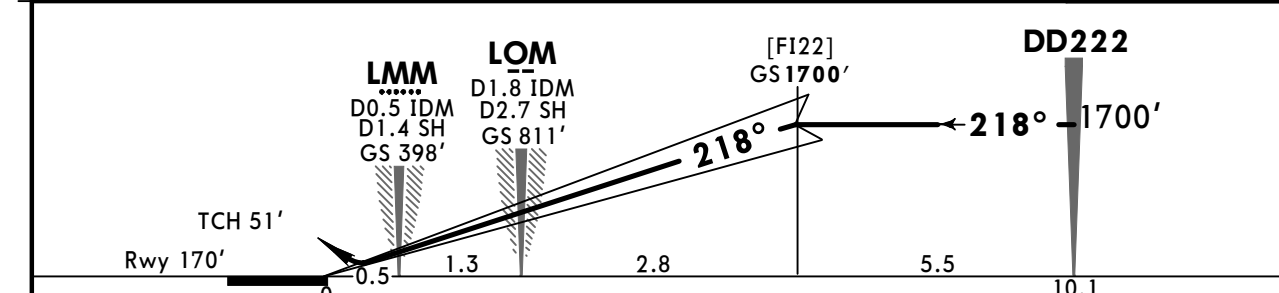
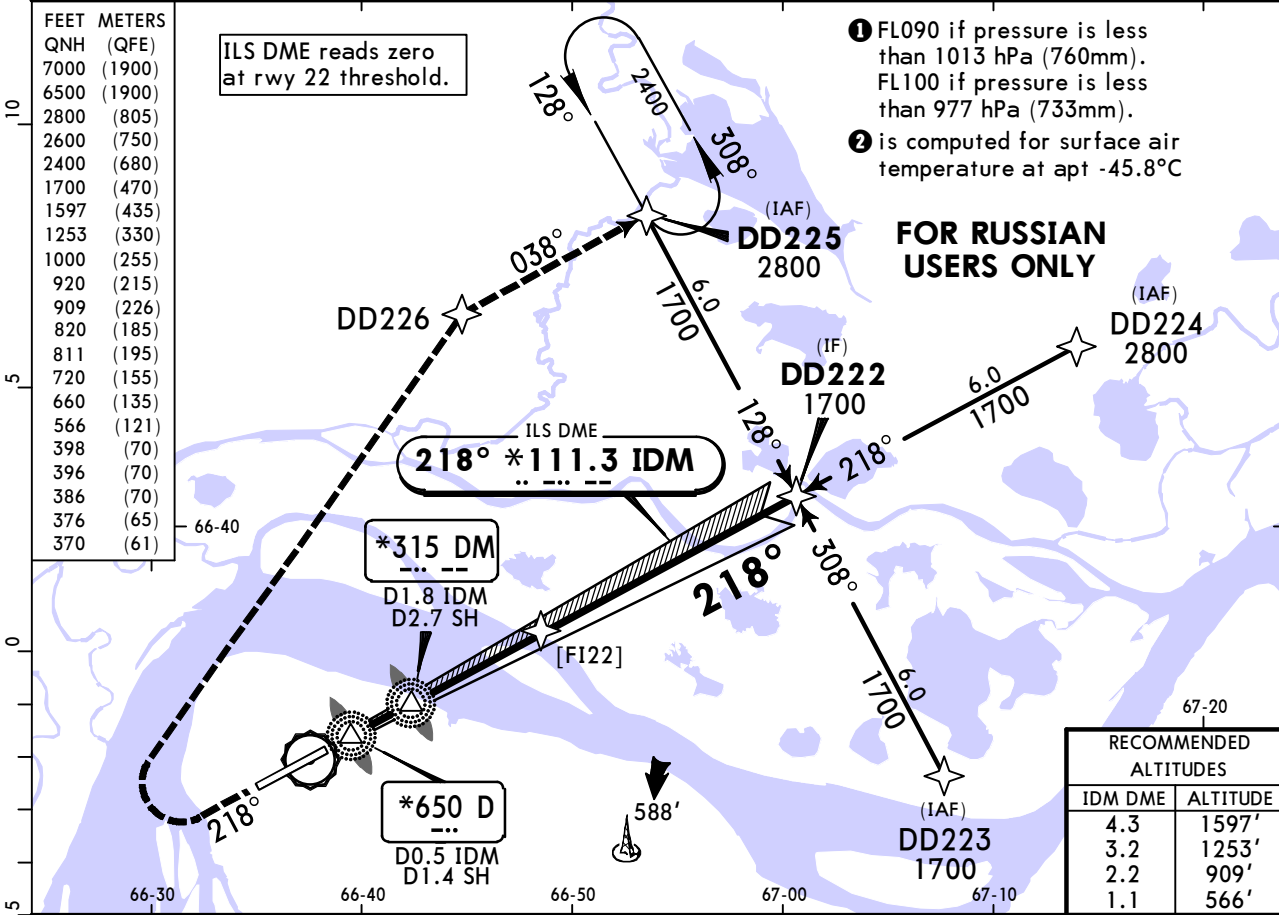
1 R750m when a Flight Director or Autopilot or HUD to DA is not used.

USDD/SLY SALEKHARD

JEPPESEN
13 FEB 26 **(11-8)** Eff 19 Feb

SALEKHARD, RUSSIA ILS W Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
LOC IDM *111.3	Final Apch Crs 218°	[FI22] 1700' (1530')	ILS DA(H) Refer to Minimums	Apt Elev 219' Rwy 170'	
MISSED APCH: Climb on 218° to 1000' or above (MAX 215 KT), turn RIGHT to DD226 climbing to 1700' (MAX 215 KT), then to DD225 climbing to 2800' or above, then according to chart, or as directed.					<p>MSA ARP ②</p>
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 ① Trans alt: 7000'					
RNAV 1 for initial, intermediate and missed approach.			GNSS required.		



Gnd speed-KT	70	90	100	120	140	160
GS	3.00°	372	478	531	637	743

HIALS
PAPI

1000'
or above on **218°**

215 KT
MAX

Std STRAIGHT-IN LANDING ILS	
DA(H)	A: 370' (200') C: 386' (216') B: 376' (206') D: 396' (226')
	ALS out
A	1 R550m
B	R1200m
C	
D	

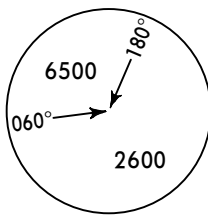
CIRCLE-TO-LAND	
Prohibited in sector 047° - 210°	
Max KT	MDA(H)
100	660' (441') V1500m
135	720' (501') V1600m
180	820' (601') V2400m
205	920' (701') V3600m

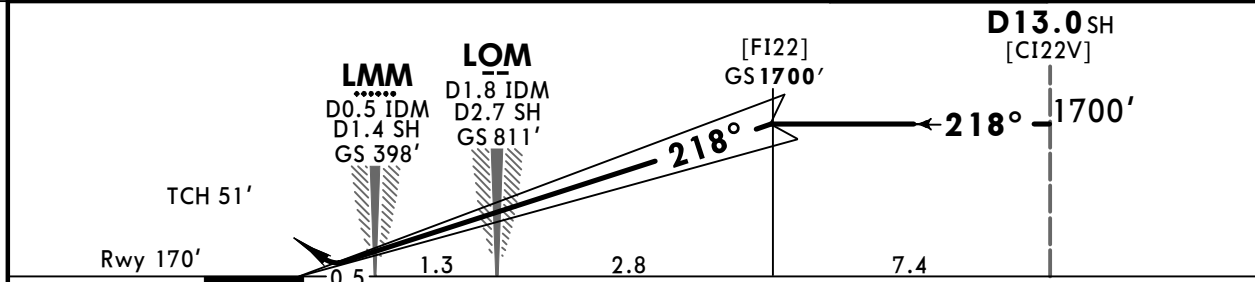
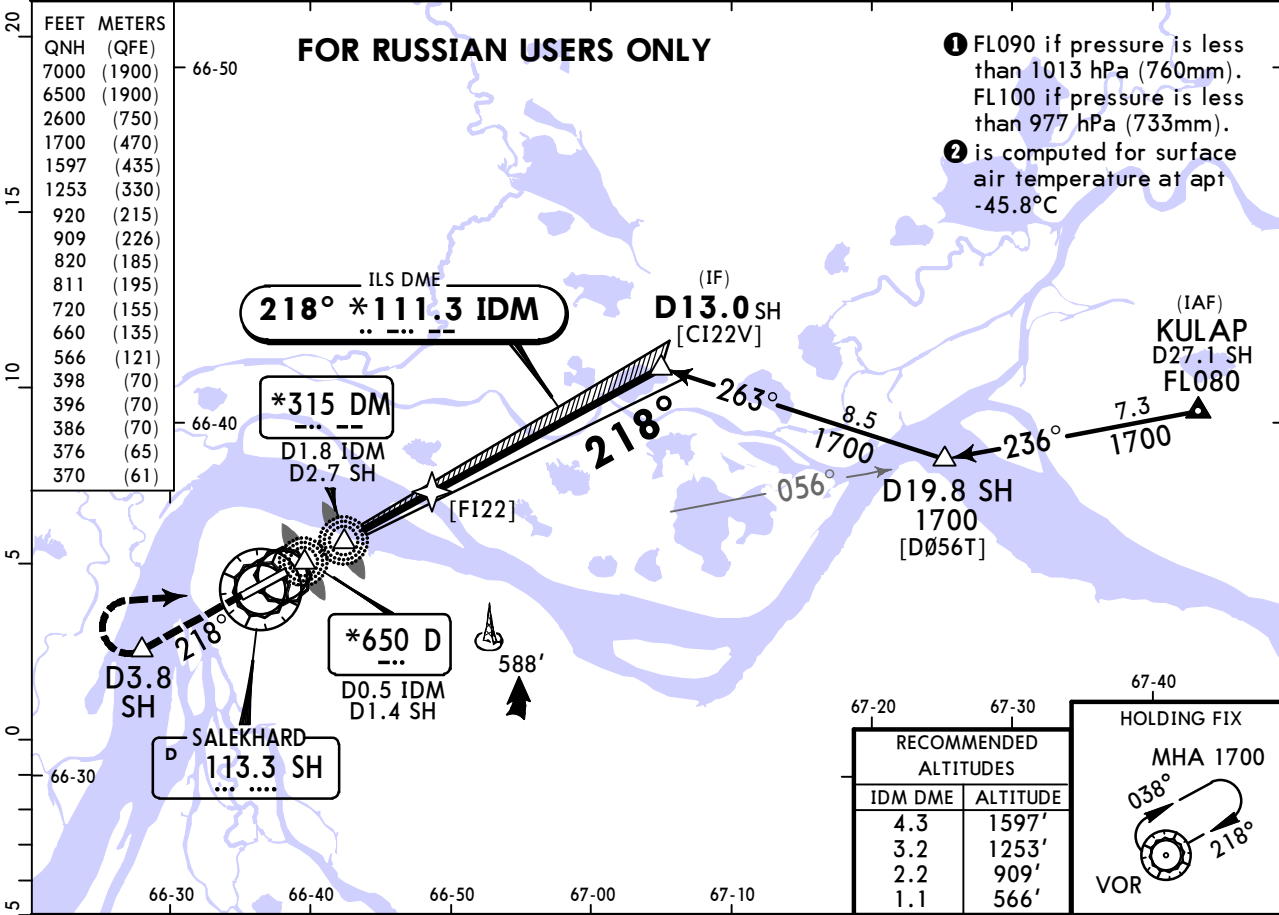
1 R750m when a Flight Director or Autopilot or HUD to DA is not used.

USDD/SLY SALEKHARD

JEPPESEN
13 FEB 26 **(11-9)** Eff 19 Feb

SALEKHARD, RUSSIA ILS V Rwy 22

*ATIS 127.8 Russian only	*SALEKHARD Krug (TWR) 120.8 Russian only	*SALEKHARD Start (TWR) 118.6 Russian only
LOC IDM *111.3	Final Apch Crs 218°	[FI22] 1700' (1530')
		ILS DA(H) Refer to Minimums
		Apt Elev 219' Rwy 170'
MISSED APCH: Climb on 218° until D3.8 SH, turn RIGHT to VOR climbing to 1700' or above, or as directed.		
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 1 Trans alt: 7000'		
1. DME required. 2. ILS DME reads zero at rwy 22 threshold.		 MSA ARP 2



Gnd speed-KT	70	90	100	120	140	160		HIALS	
GS	3.00°	372	478	531	637	849		PAPI	
								D3.8 SH on 218°	

	STRAIGHT-IN LANDING	CIRCLE-TO-LAND
	ILS	Prohibited in sector 047° - 210°
	DA(H) A: 370' (200') C: 386' (216') B: 376' (206') D: 396' (226')	
	ALS out	
A	1 R550m	Max KT
B	R1200m	MDA(H)
C		100 660' (441') V1500m
D		135 720' (501') V1600m
		180 820' (601') V2400m
		205 920' (701') V3600m

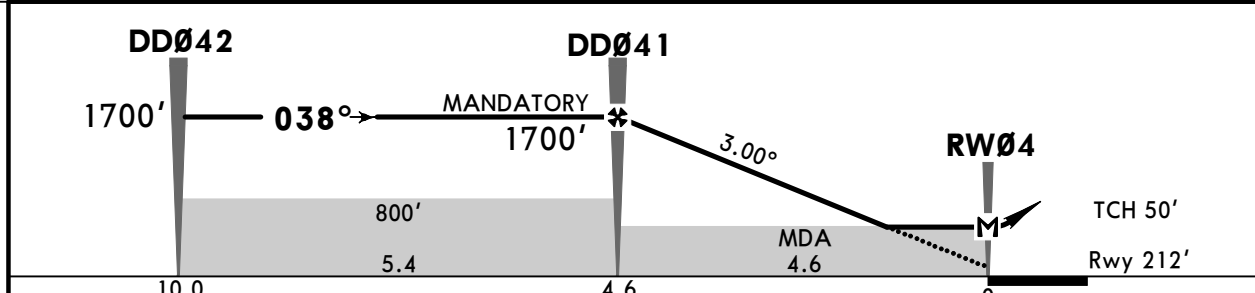
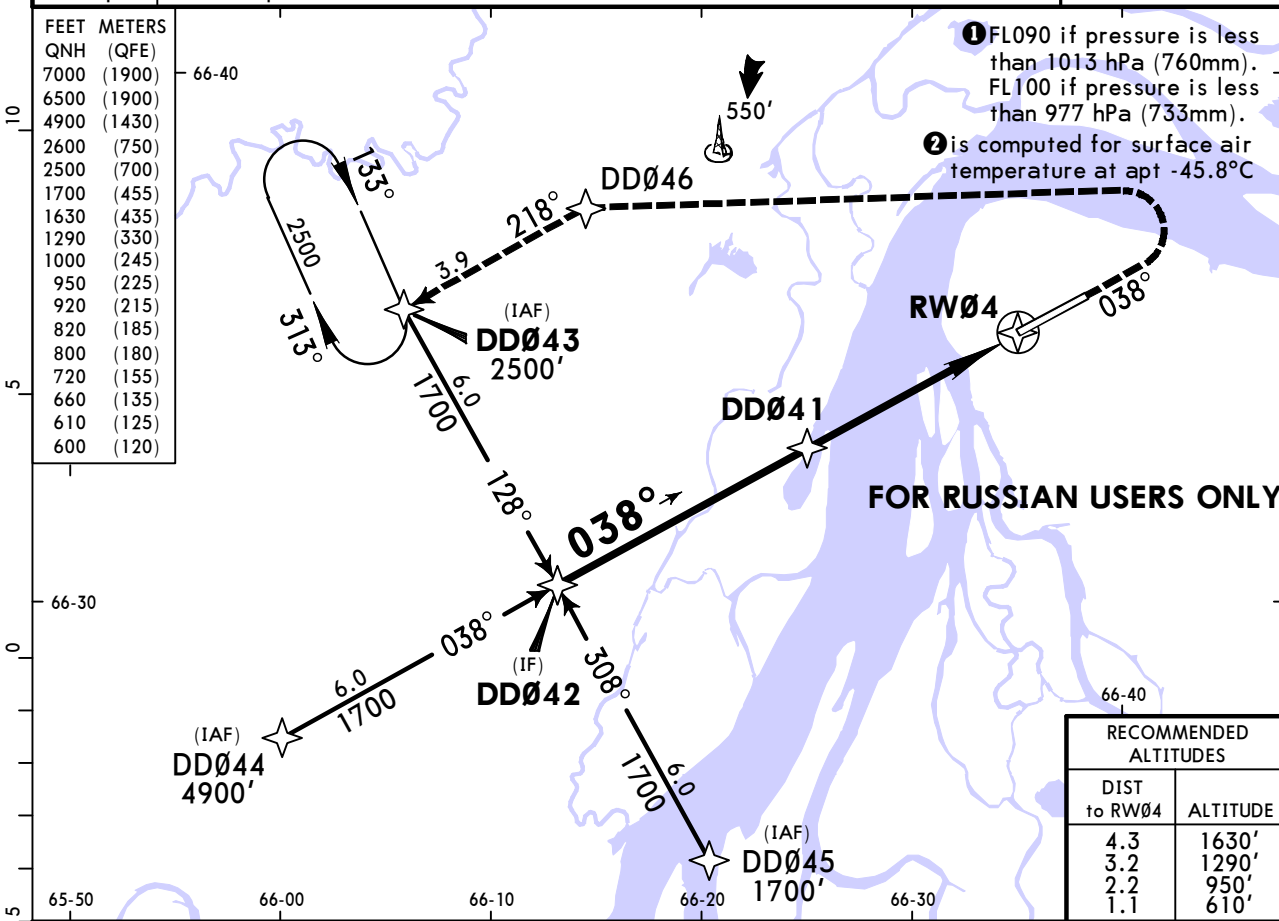
1 R750m when a Flight Director or Autopilot or HUD to DA is not used.
 CHANGES: Fix designations, recommended altitudes. © JEPPESEN, 2020, 2026. ALL RIGHTS RESERVED.

**USDD/SLY
SALEKHARD**

JEPPESEN
29 NOV 24 (12-1)

**SALEKHARD, RUSSIA
RNP Rwy 04**

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
RNAV	Final Apch Crs 038°	DD041 MANDATORY 1700' (1488')	DA/MDA(H) 600' (388')	Apt Elev 219'	
MISSED APCH: Climb on 038° to 1000' or above (MAX 210 KT), turn LEFT to DD046 climbing to 2500' (MAX 210 KT), then to DD043 to 2500' or above, then according to chart or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 8 hPa Trans level: FL080 ① Trans alt: 7000'					
RNP apch		GNSS required.			



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	MIN 1000' on 038°	210 KT MAX
Descent Angle	3.00°	372	478	531	637	743			

PANS OPS	Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND		
	CDFA		Prohibited in sector 047° - 210°		
	① DA/MDA(H) 600' (388')				
		ALS out	Max Kts	MDA(H)	
A	R1100m	R1500m	100	660' (441')	V1500m
B			135	720' (501')	V1600m
C			180	820' (601')	V2400m
D			205	920' (701')	V3600m

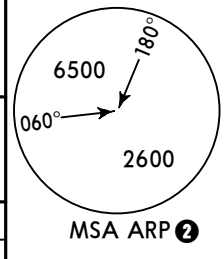
① VNAV DA(H) in lieu of MDA(H) depends on operator policy.
CHANGES: MSA, conversion box. © JEPPESEN, 2020, 2024. ALL RIGHTS RESERVED.

USDD/SLY SALEKHARD

JEPPESEN
29 NOV 24 **(12-2)**

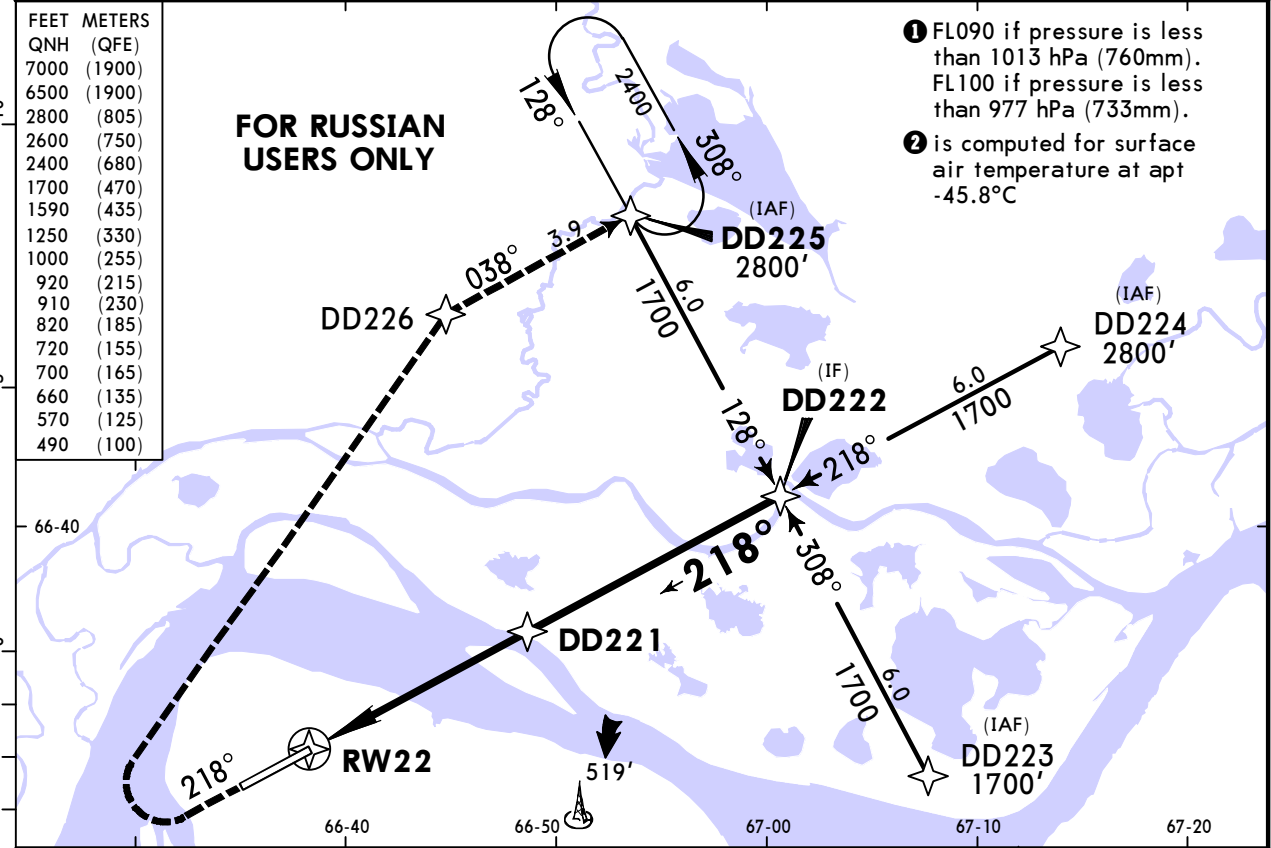
SALEKHARD, RUSSIA RNP Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
RNAV	Final Apch Crs 218°	DD221 MANDATORY 1700' (1530')	DA/MDA(H) 490' (320')	Apt Elev 219' Rwy 170'	
MISSED APCH: Climb on 218° to 1000' or above (MAX 215 KT), turn RIGHT to DD226 climbing to 1700' (MAX 215 KT), then to DD225 to 2800' or above, then according to chart or as directed.					
Alt Set: hPa (MM on req)		Rwy Elev: 6 hPa	Trans level: FL080 1	Trans alt: 7000'	
RNP apch	GNSS required.				

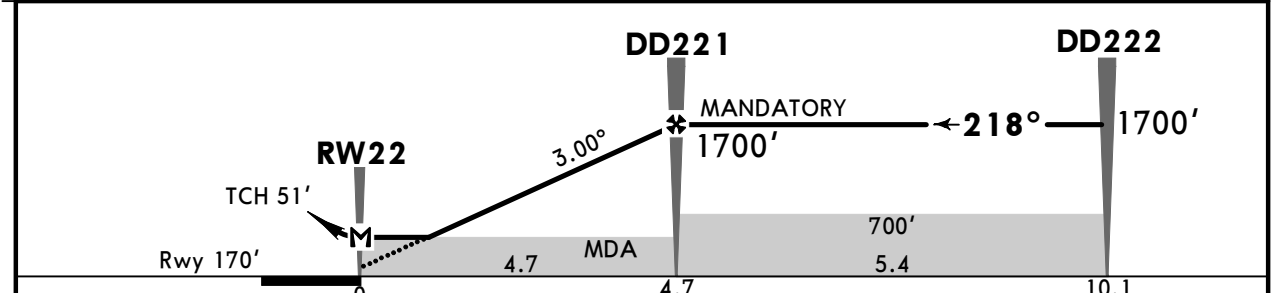


FEET	METERS
7000	(1900)
6500	(1900)
2800	(805)
2600	(750)
2400	(680)
1700	(470)
1590	(435)
1250	(330)
1000	(255)
920	(215)
910	(230)
820	(185)
720	(155)
700	(165)
660	(135)
570	(125)
490	(100)

FOR RUSSIAN USERS ONLY



DIST to RW22	1.1	2.2	3.2	4.3
ALTITUDE	570'	910'	1250'	1590'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI MIN 1000' on 218° 215 KT MAX
Descent Angle	3.00°	372	478	531	637	849	
MAP at RW22							

PANS OPS	Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
	CDFA		Prohibited in sector 047° - 210°	
	1 DA/MDA(H) 490' (320')			
	ALS out		Max Kts	MDA(H)
	A	R750m	R1400m	100 660' (441') V1500m
B			135 720' (501') V1600m	
C			180 820' (601') V2400m	
D			205 920' (701') V3600m	

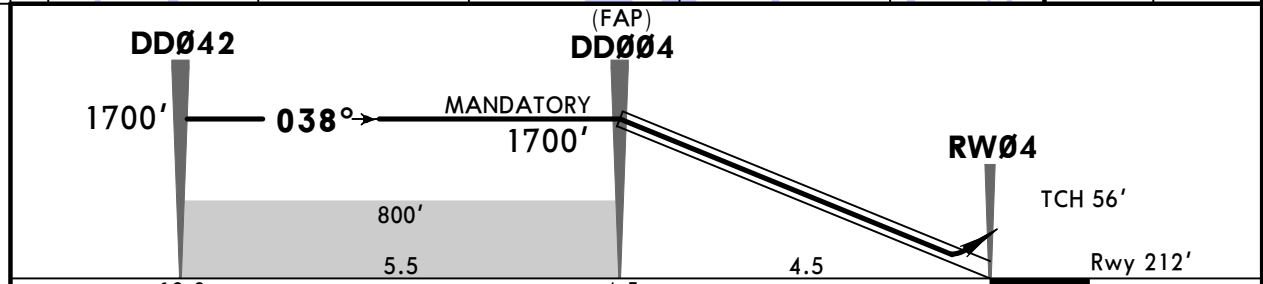
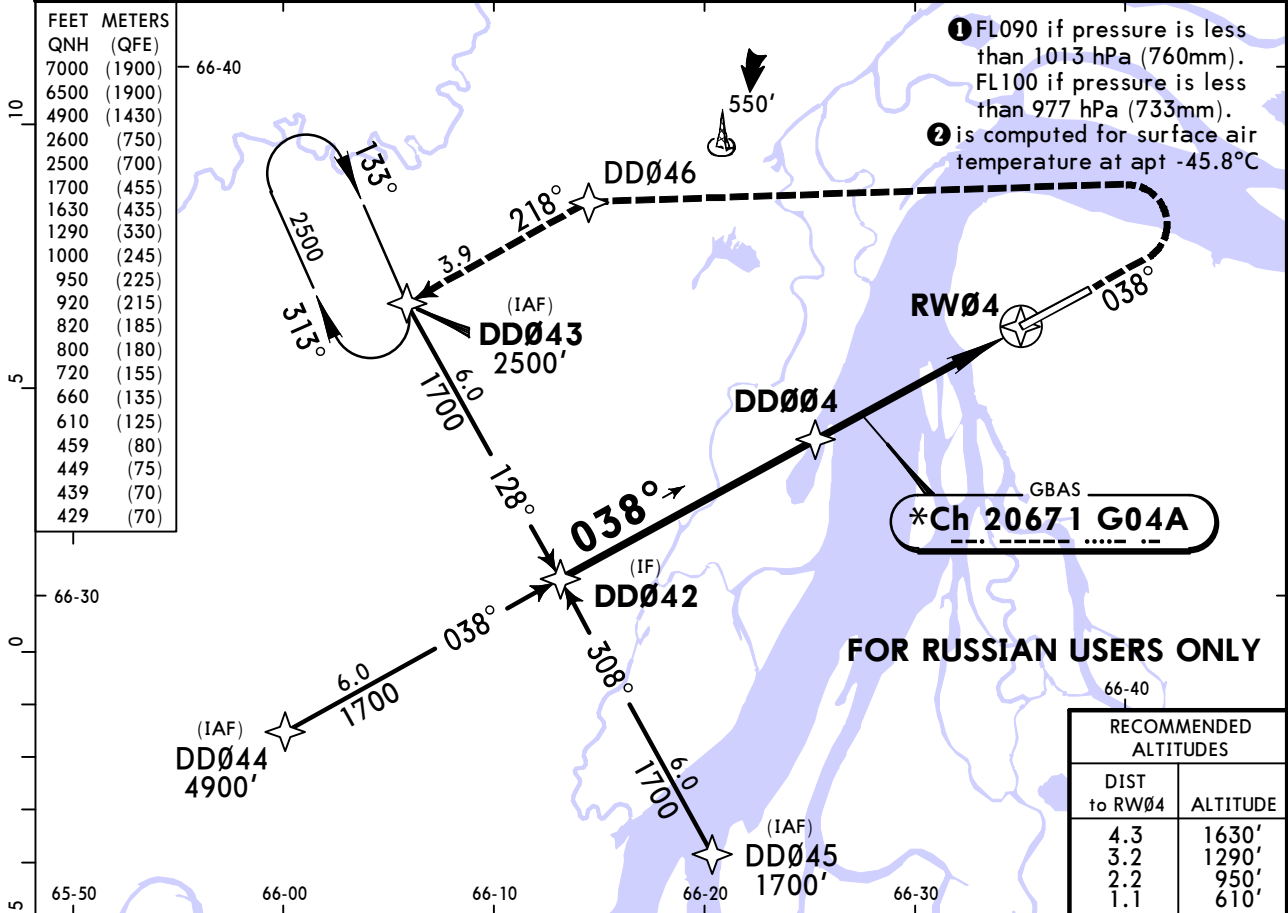
1 VNAV DA(H) in lieu of MDA(H) depends on operator policy.
CHANGES: MSA, conversion box. © JEPPESEN, 2020, 2024. ALL RIGHTS RESERVED.

**USDD/SLY
SALEKHARD**

JEPPesen
29 NOV 24 **(12-40)**

**SALEKHARD, RUSSIA
GLS Rwy 04**

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
GBAS *Ch 20671 G04A	Final Apch Crs 038°	DD004 MANDATORY 1700' (1488')	GLS DA(H) Refer to Minimums	Apt Elev 219'	<p>MSA ARP ②</p>
MISSED APCH: Climb on 038° to 1000' or above (MAX 210 KT), turn LEFT to DD046 climbing to 2500' (MAX 210 KT), then to DD043 to 2500' or above, then according to chart, or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 8 hPa Trans level: FL080 ① Trans alt: 7000'					
RNAV 1 for initial, intermediate and missed approach.			GNSS required.		



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI 	MIN 1000' on 038° 210 KT MAX
Glide Path Angle	3.00°	372	478	531	637	743		

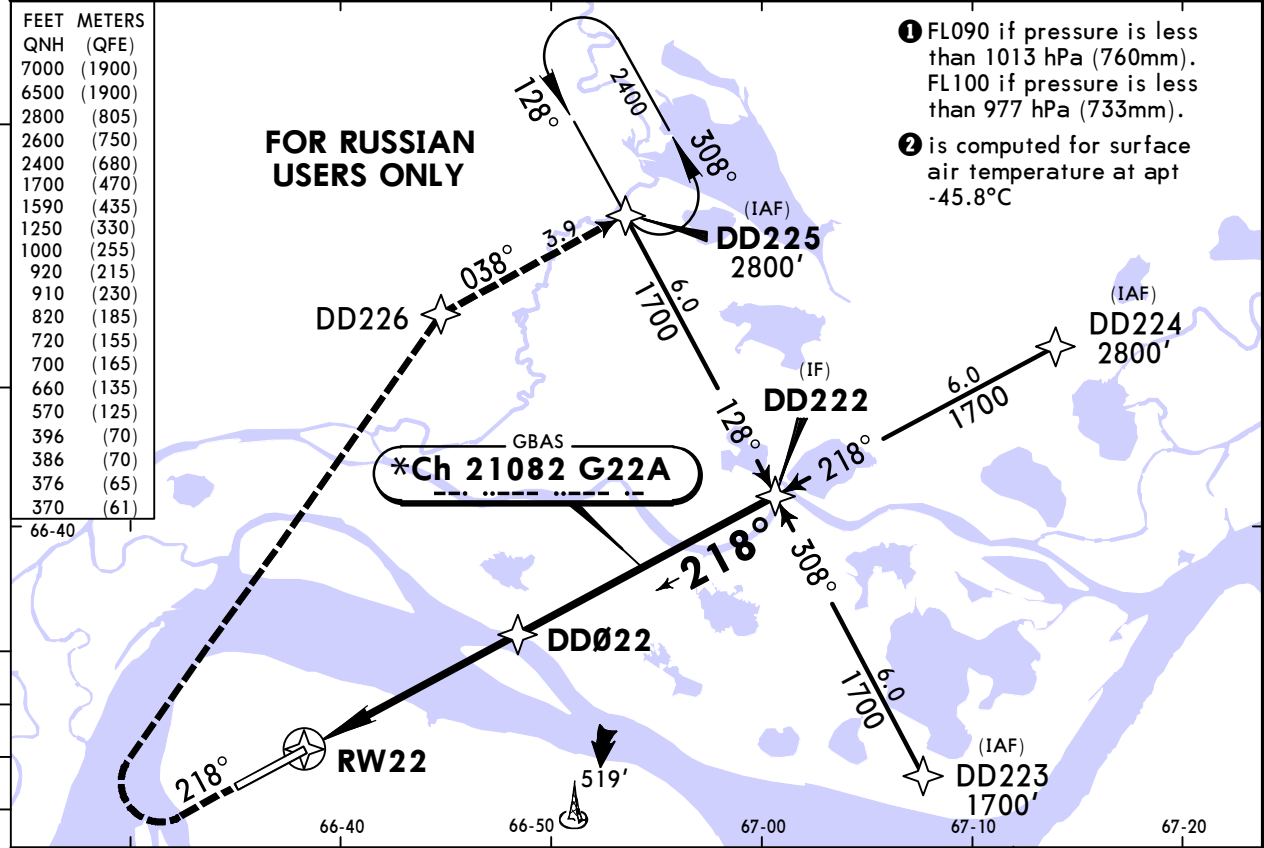
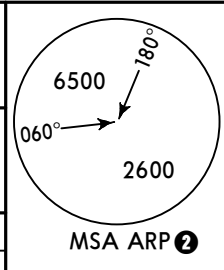
Std	STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
	GLS		Prohibited in sector 047° - 210°	
	DA(H) A: 429' (217') C: 449' (237') B: 439' (227') D: 459' (247')			
	ALS out		Max Kts	MDA(H)
A	R550m	R1200m	100	660' (441') V1500m
B			135	720' (501') V1600m
C			180	820' (601') V2400m
D			205	920' (701') V3600m
PAINS OPS ① R750m when a Flight Director or Autopilot or HUD to DA is not used.				

USDD/SLY SALEKHARD

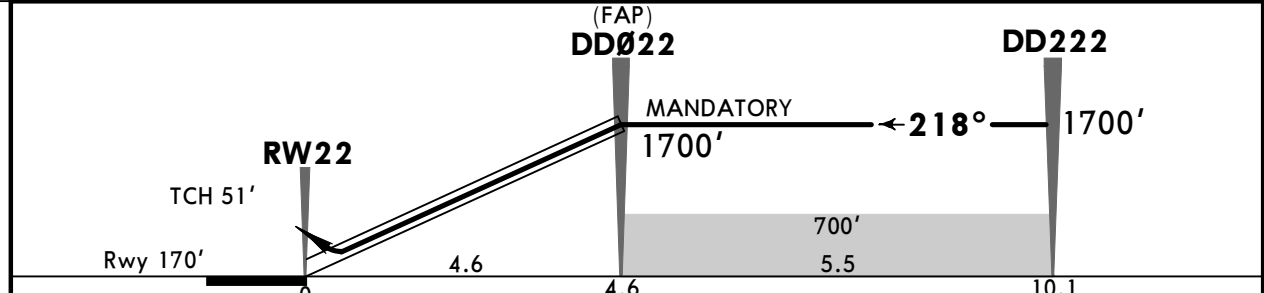
JEPPESEN
29 NOV 24 **(12-41)**

SALEKHARD, RUSSIA GLS Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
GBAS *Ch 21082 G22A	Final Apch Crs 218°	DD022 MANDATORY 1700' (1530')	GLS DA(H) Refer to Minimums	Apt Elev 219' Rwy 170'	
MISSED APCH: Climb on 218° to 1000' or above (MAX 215 KT), turn RIGHT to DD226 climbing to 1700' (MAX 215 KT), then to DD225 to 2800' or above, then according to chart or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 ① Trans alt: 7000'					
RNAV 1 for initial, intermediate and missed approach.			GNSS required.		



DIST to RW22	1.1	2.2	3.2	4.3
ALTITUDE	570'	910'	1250'	1590'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI MIN 1000' on 218° 215 KT MAX
Glide Path Angle	3.00°	372	478	531	637	849	

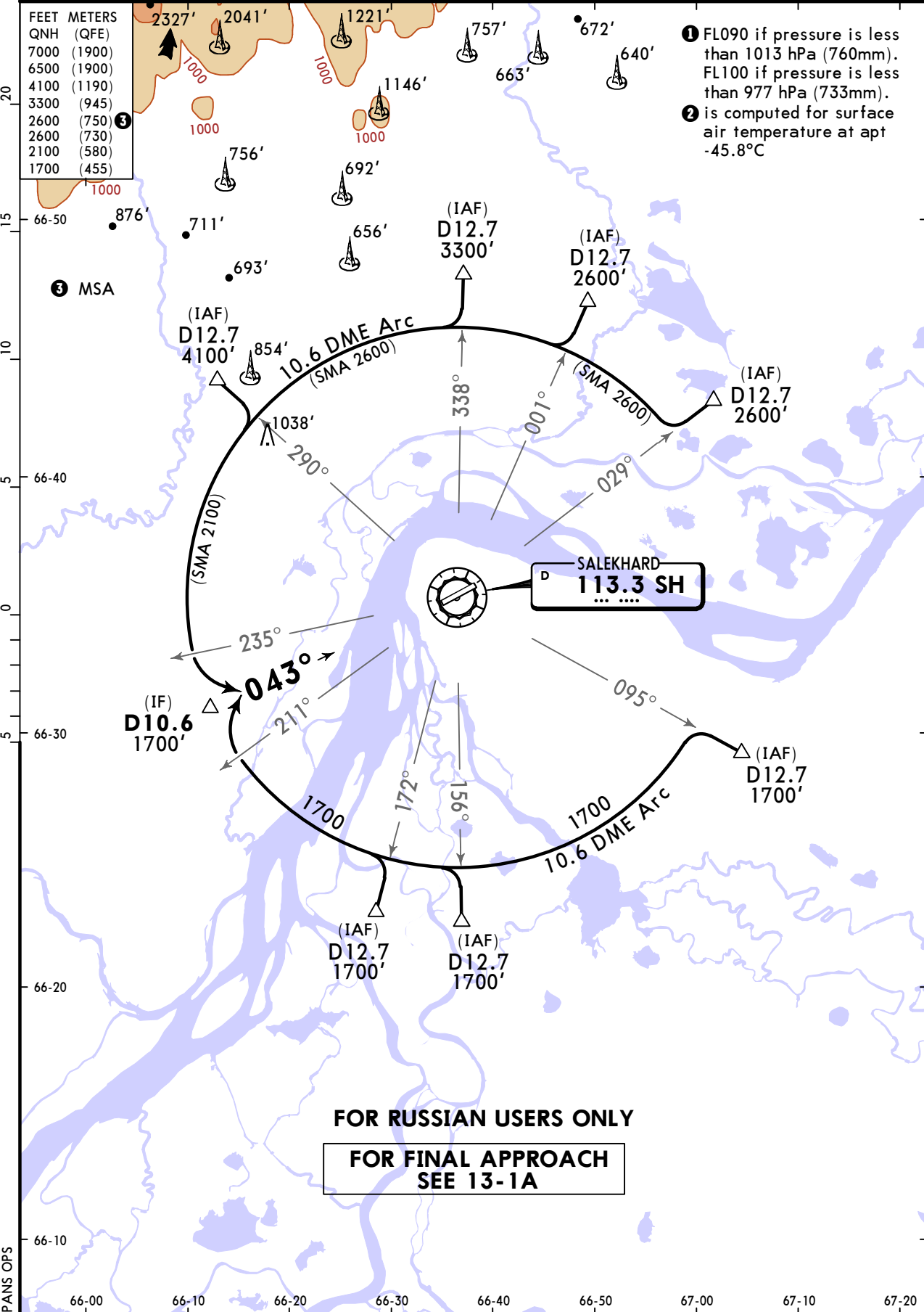
Std	STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
	GLS DA(H) A: 370' (200') C: 386' (216') B: 376' (206') D: 396' (226')		Prohibited in sector 047° - 210°	
	ALS out		Max Kts	MDA(H)
A	① R550m	R1200m	100	660' (441') V1500m
B			135	720' (501') V1600m
C			180	820' (601') V2400m
D			205	920' (701') V3600m

**USDD/SLY
SALEKHARD**

JEPPESEN
29 NOV 24 **(13-1)**

**SALEKHARD, RUSSIA
VOR Z Rwy 04**

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only		<p>MSA ARP ②</p>
VOR SH 113.3	Final Apch Crs 043°	Refer to chart 13-1A	DA/MDA(H) Refer to chart 13-1A	Apt Elev 219' Rwy 212'		
Alt Set: hPa (MM on req)		Rwy Elev: 8 hPa	Trans level: FL080 ①	Trans alt: 7000'		
DME required.						

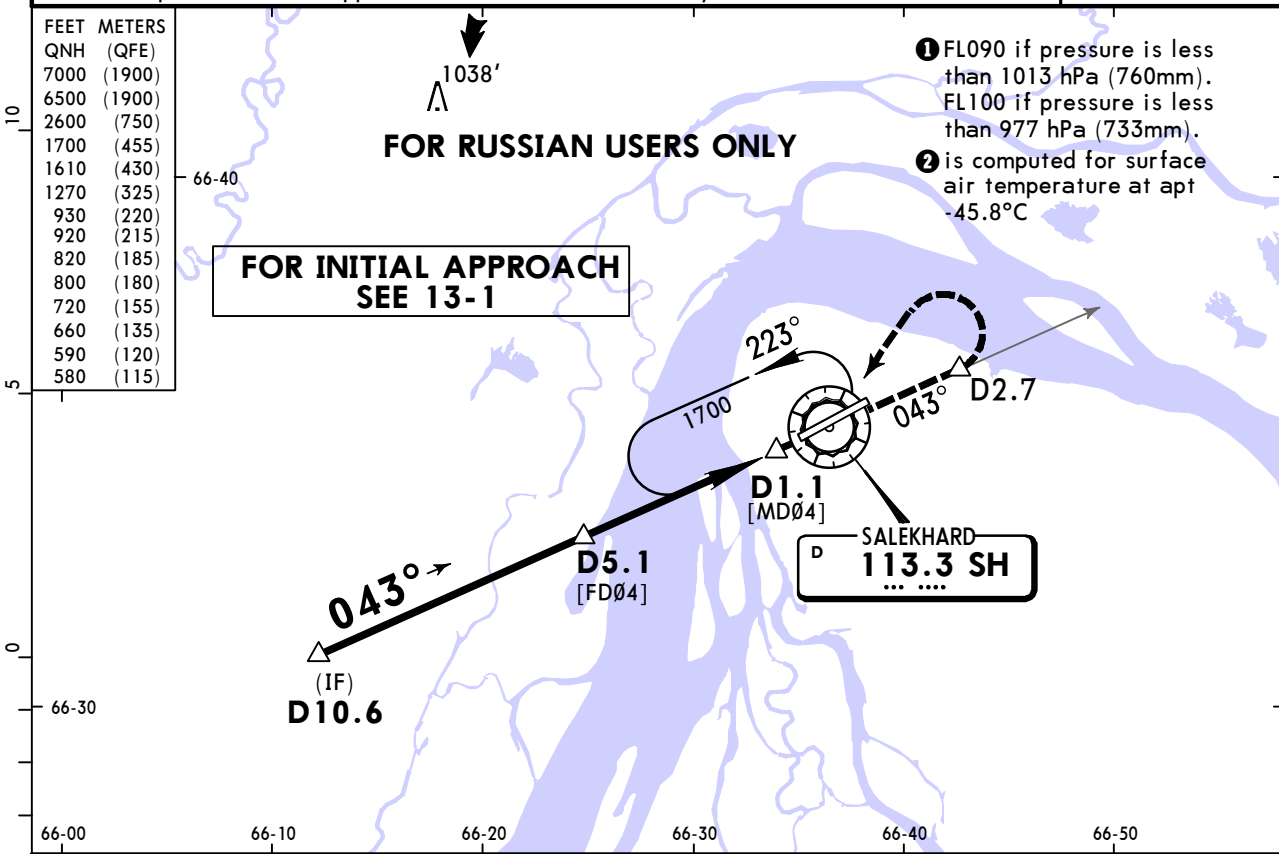


USDD/SLY
SALEKHARD

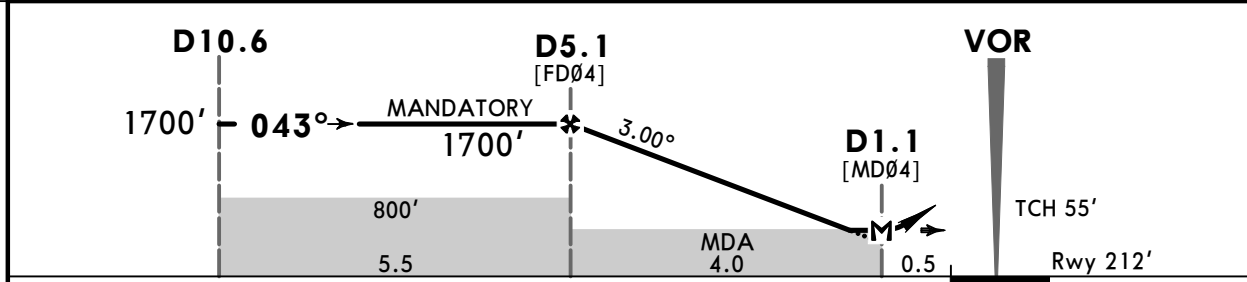
JEPPESEN
29 NOV 24 (13-1A)

SALEKHARD, RUSSIA
VOR Z Rwy 04

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
VOR SH 113.3	Final Apch Crs 043°	D5.1 MANDATORY 1700' (1488')	DA/MDA(H) 580' (368')	Apt Elev 219' Rwy 212'	<p>MSA ARP ②</p>
MISSED APCH: Climb on R-223 to VOR, then on R-043 until D2.7, turn LEFT to VOR climbing to 1700' or above, or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 8 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. Final approach track offset 5° from rwy centerline.					



SH DME	4.9	3.8	2.7	1.6
ALTITUDE	1610'	1270'	930'	590'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	SH 113.3	SH 113.3	D2.7	SH 113.3
Descent Angle	3.00°	372	478	531	637	849		↑ on R-223	↑ on R-043		
MAP at D1.1											

PANS OPS	Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND		
	CDFA		Prohibited in sector 047° - 210°		
	① DA/MDA(H) 580' (368')				
		ALS out	Max Kts	MDA(H)	
A	R1000m	R1500m	100	660' (441')	V1500m
B		R1700m	135	720' (501')	V1600m
C			180	820' (601')	V2400m
D			205	920' (701')	V3600m

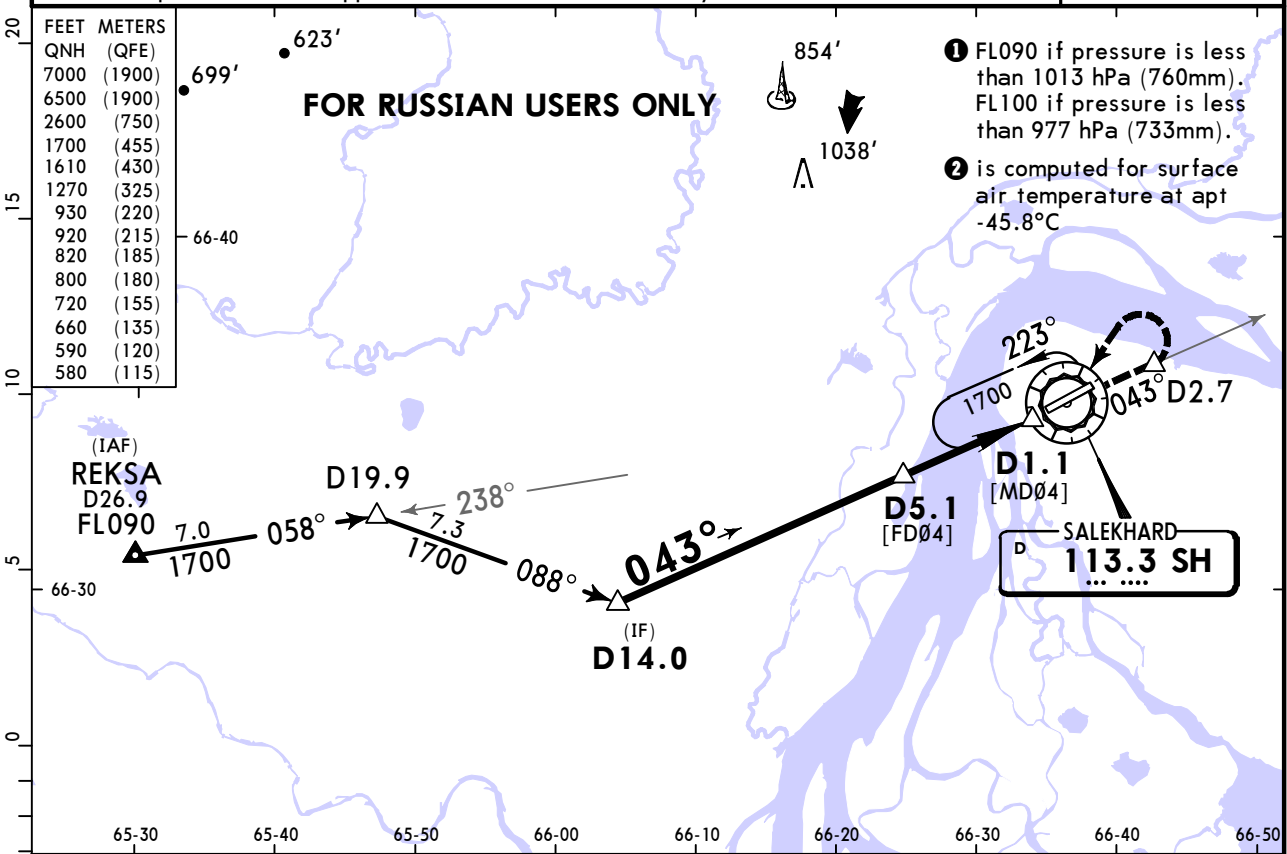
① VNAV DA(H) in lieu of MDA(H) depends on operator policy.
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USDD/SLY SALEKHARD

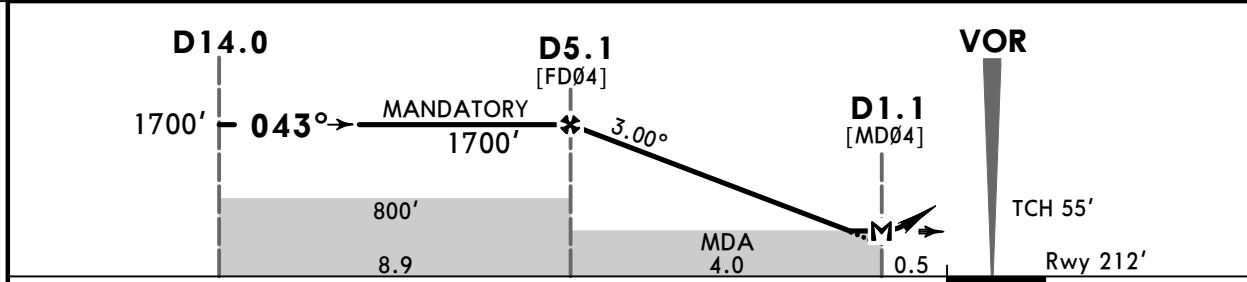
JEPPESEN
29 NOV 24 **(13-2)**

SALEKHARD, RUSSIA VOR Y Rwy 04

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
VOR SH 113.3	Final Apch Crs 043°	D5.1 MANDATORY 1700' (1488')	DA/MDA(H) 580' (368')	Apt Elev 219'	Rwy 212'
MISSED APCH: Climb on R-223 to VOR, then on R-043 until D2.7, turn LEFT to VOR climbing to 1700' or above, or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 8 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. Final approach track offset 5° from rwy centerline.					



SH DME	4.9	3.8	2.7	1.6
ALTITUDE	1610'	1270'	930'	590'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	SH 113.3	SH 113.3	D2.7	SH 113.3
Descent Angle	3.00°	372	478	531	637	743		849	on R-223	on R-043	
MAP at D1.1											

PANS OPS	Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
	CDFA		Prohibited in sector 047° - 210°	
	① DA/MDA(H) 580' (368')			
		ALS out	Max Kts	MDA(H)
	A	R1000m	100	660' (441') V1500m
B		135	720' (501') V1600m	
C		180	820' (601') V2400m	
D		205	920' (701') V3600m	

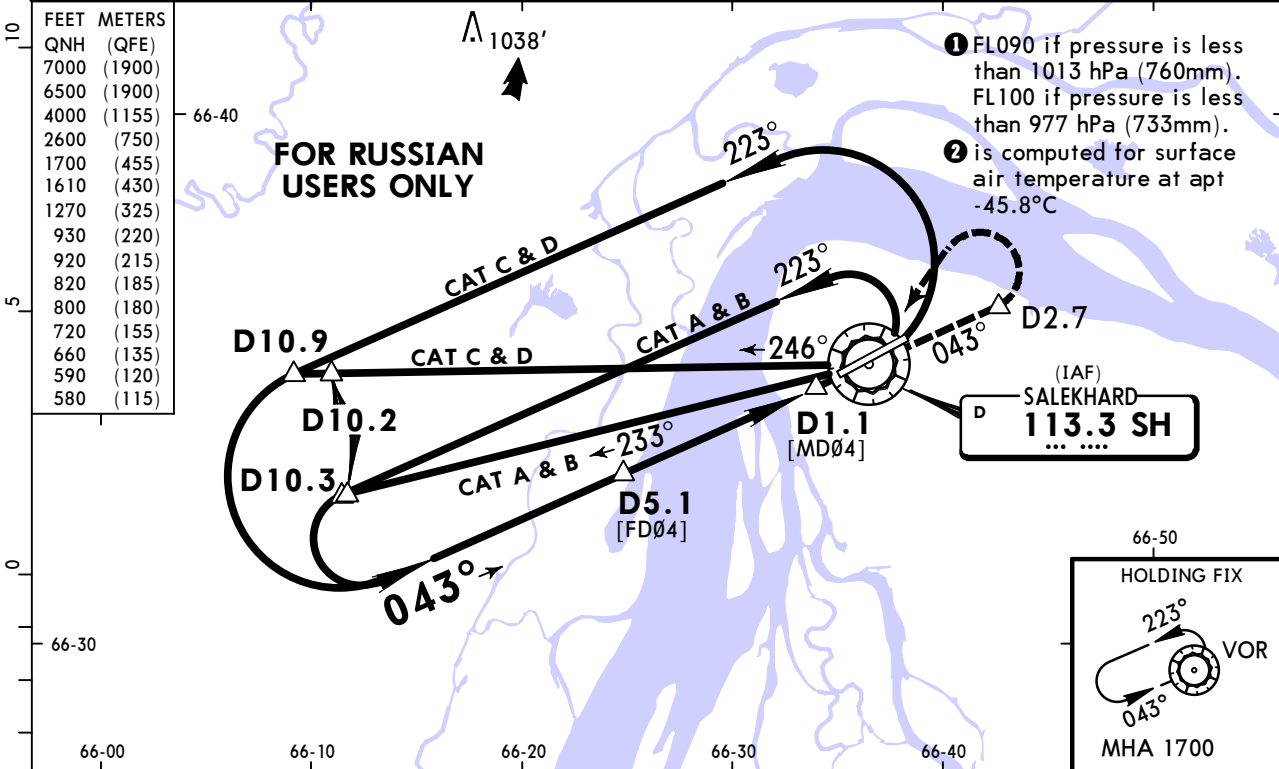
① VNAV DA(H) in lieu of MDA(H) depends on operator policy.
CHANGES: MSA, missed approach, conversion box, IAF altitude. © JEPPESEN, 2012, 2024. ALL RIGHTS RESERVED.

USDD/SLY SALEKHARD

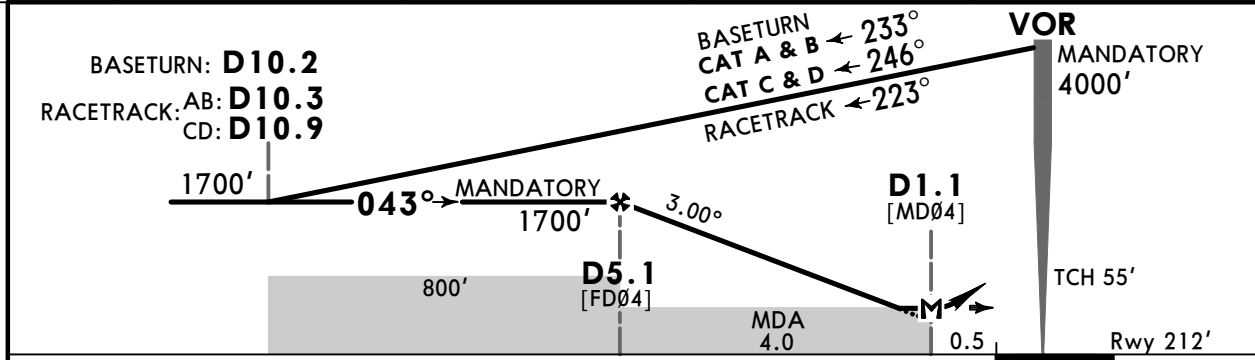
JEPPESEN
29 NOV 24 **(13-3)**

SALEKHARD, RUSSIA VOR X Rwy 04

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
VOR SH 113.3	Final Apch Crs 043°	D5.1 MANDATORY 1700' (1488')	DA/MDA(H) 580' (368')	Apt Elev 219' Rwy 212'	
MISSED APCH: Climb on R-223 to VOR, then on R-043 until D2.7, turn LEFT to VOR climbing to 1700' or above, or as directed.					<p>MSA ARP ②</p>
Alt Set: hPa (MM on req) Rwy Elev: 8 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. MAX 230 KT. 3. Final approach offset 5° from rwy centerline.					



SH DME	4.9	3.8	2.7	1.6
ALTITUDE	1610'	1270'	930'	590'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	SH	SH	D2.7	SH
Descent Angle	3.00°	372	478	531	637	849		113.3 ↑	113.3 on R-223	↑	113.3 on R-043
MAP at D1.1											

PANS OPS	Std STRAIGHT-IN LANDING			CIRCLE-TO-LAND		
	CDFA					
	① DA/MDA(H) 580' (368')					
	ALS out			Max Kts		
A	R1000m	R1500m		100	660' (441')	V1500m
B		R1700m		135	720' (501')	V1600m
C				180	820' (601')	V2400m
D				205	920' (701')	V3600m

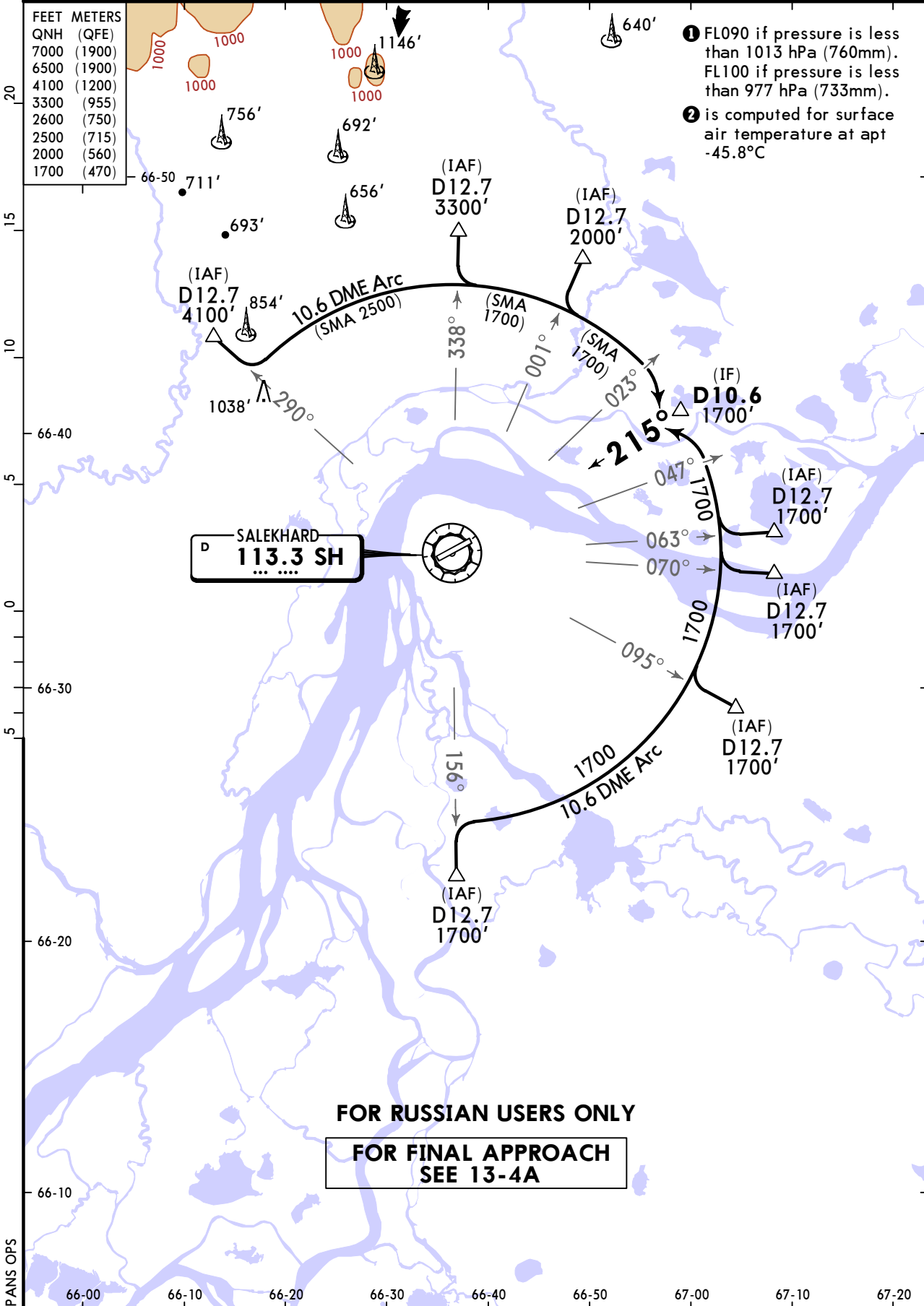
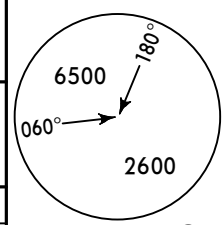
① VNAV DA(H) in lieu of MDA(H) depends on operator policy.
CHANGES: MSA, missed approach, conversion box. © JEPPESEN, 2012, 2024. ALL RIGHTS RESERVED.

USDD/SLY SALEKHARD

JEPPESSEN
29 NOV 24 **13-4**

SALEKHARD, RUSSIA VOR Z Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
VOR SH 113.3	Final Apch Crs 215°	Refer to chart 13-4A	DA/MDA(H) Refer to chart 13-4A	Apt Elev 219' Rwy 170'	
Alt Set: hPa (MM on req)			Rwy Elev: 6 hPa	Trans level: FL080 1	Trans alt: 7000'
1. DME required. 2. Final approach offset 3° from rwy centerline.					MSA ARP 2



- 1** FL090 if pressure is less than 1013 hPa (760mm). FL100 if pressure is less than 977 hPa (733mm).
- 2** is computed for surface air temperature at apt -45.8°C

FEET	METERS
QNH (QFE)	
7000 (1900)	
6500 (1900)	
4100 (1200)	
3300 (955)	
2600 (750)	
2500 (715)	
2000 (560)	
1700 (470)	

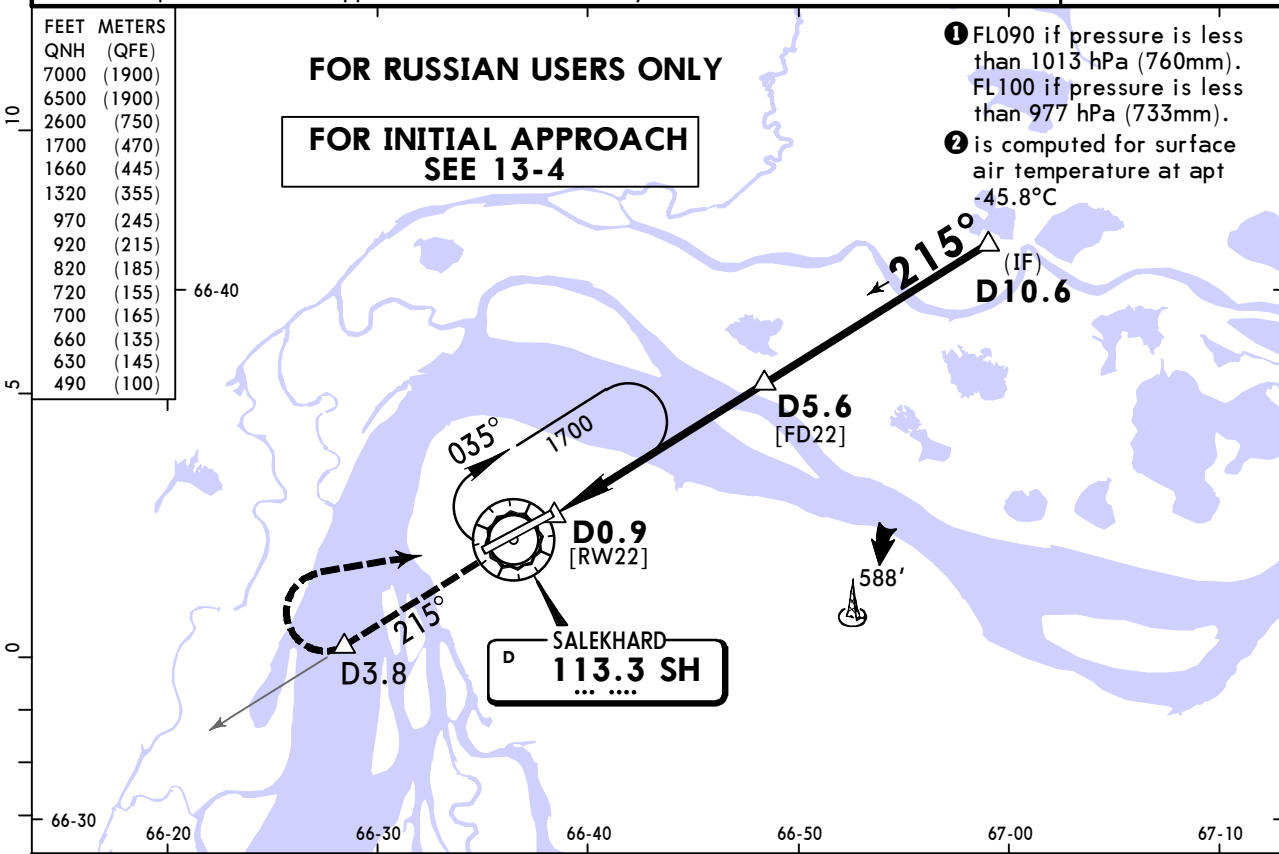
PANS OPS

**USDD/SLY
SALEKHARD**

JEPPESEN
29 NOV 24 **(13-4A)**

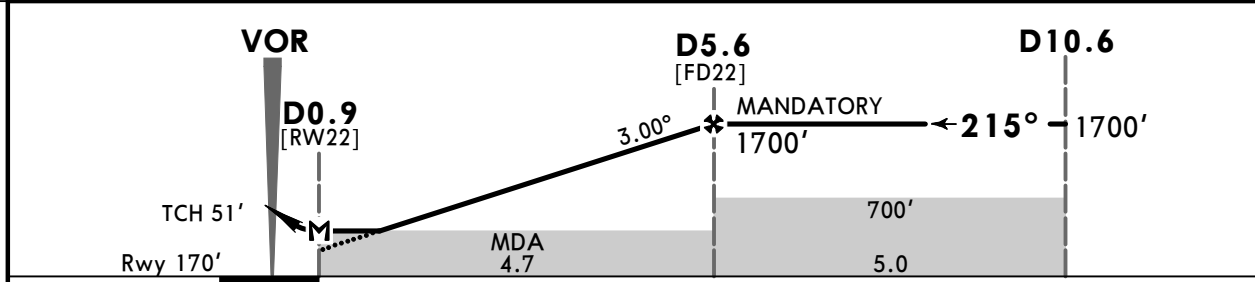
**SALEKHARD, RUSSIA
VOR Z Rwy 22**

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
VOR SH 113.3	Final Apch Crs 215°	D5.6 MANDATORY 1700' (1530')	DA/MDA(H) 490' (320')	Apt Elev 219' Rwy 170'	<p>MSA ARP ②</p>
MISSED APCH: Climb on R-035 to VOR, then on R-215 until D3.8, turn RIGHT to VOR climbing to 1700' or above, or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. Final approach offset 3° from rwy centerline.					



- ① FL090 if pressure is less than 1013 hPa (760mm). FL100 if pressure is less than 977 hPa (733mm).
- ② is computed for surface air temperature at apt -45.8°C

SH DME	2.2	3.2	4.3	5.4
ALTITUDE	630'	970'	1320'	1660'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	SH 113.3 ↑ on 113.3 R-035	SH D3.8 ↑ on 113.3 R-215
Descent Angle	3.00°	372	478	531	637	743			
MAP at D0.9									

Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
CDFA			
① DA/MDA(H) 490' (320')			
ALS out		Max Kts	
A	R750m	100	660' (441') V1500m
B		135	720' (501') V1600m
C		180	820' (601') V2400m
D		205	920' (701') V3600m

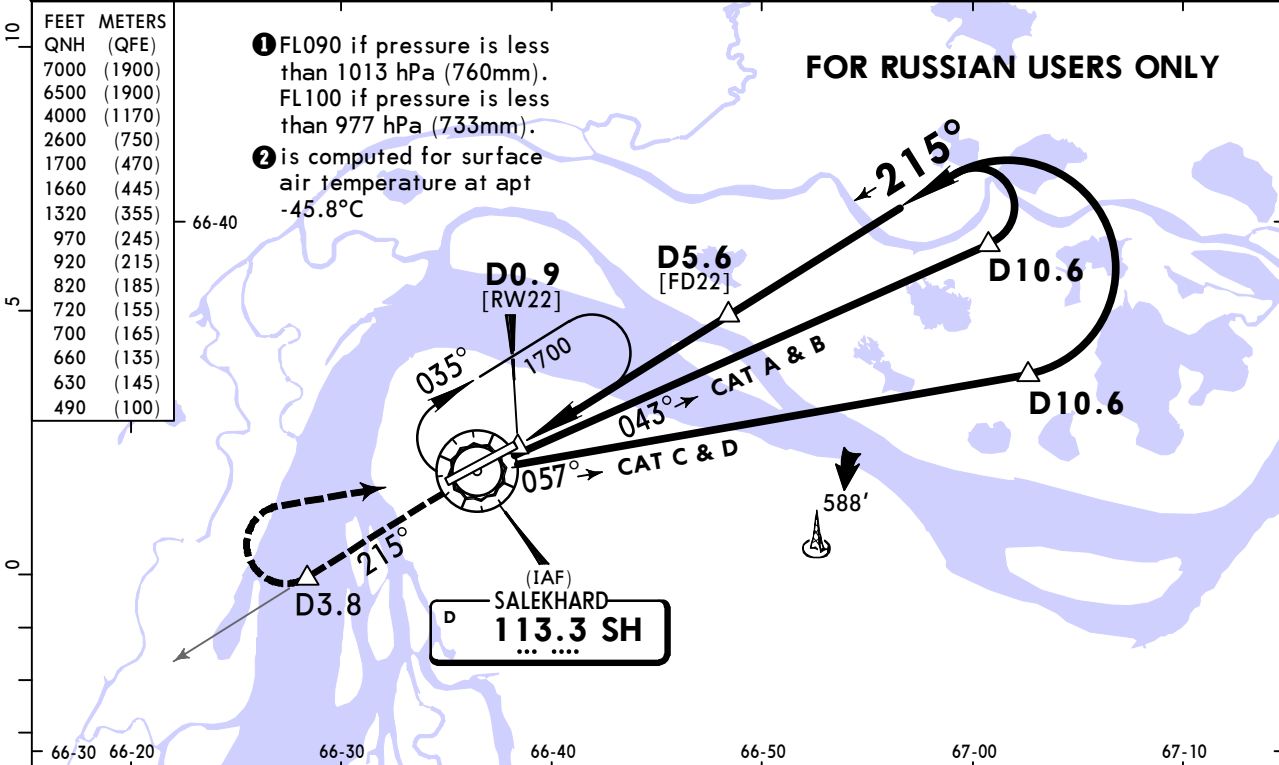
① VNAV DA(H) in lieu of MDA(H) depends on operator policy.
CHANGES: MSA, missed approach, conversion box. © JEPPESEN, 2012, 2024. ALL RIGHTS RESERVED.

USDD/SLY SALEKHARD

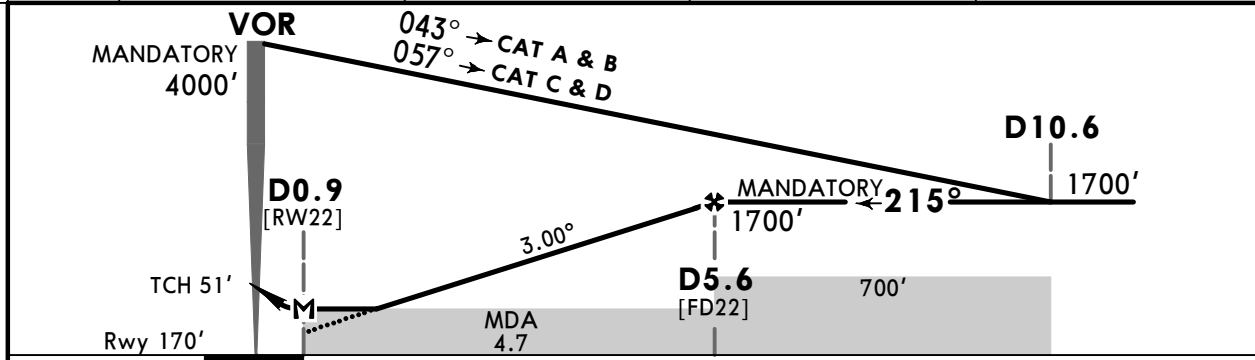
JEPPesen
29 NOV 24 **(13-5)**

SALEKHARD, RUSSIA VOR Y Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
VOR SH 113.3	Final Apch Crs 215°	D5.6 MANDATORY 1700' (1530')	DA/MDA(H) 490' (320')	Apt Elev 219' Rwy 170'	<p>MSA ARP ②</p>
MISSED APCH: Climb on R-035 to VOR, then on R-215 until D3.8 SH, turn RIGHT to VOR climbing to 1700' or above, or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. MAX 240 KT. 3. Final approach offset 3° from rwy centerline.					



SH DME	2.2	3.2	4.3	5.4
ALTITUDE	630'	970'	1320'	1660'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	SH 113.3	SH 113.3	D3.8	SH 113.3
Descent Angle	3.00°	372	478	531	637	849		↑ on	R-035	↑ on	R-215
MAP at D0.9											

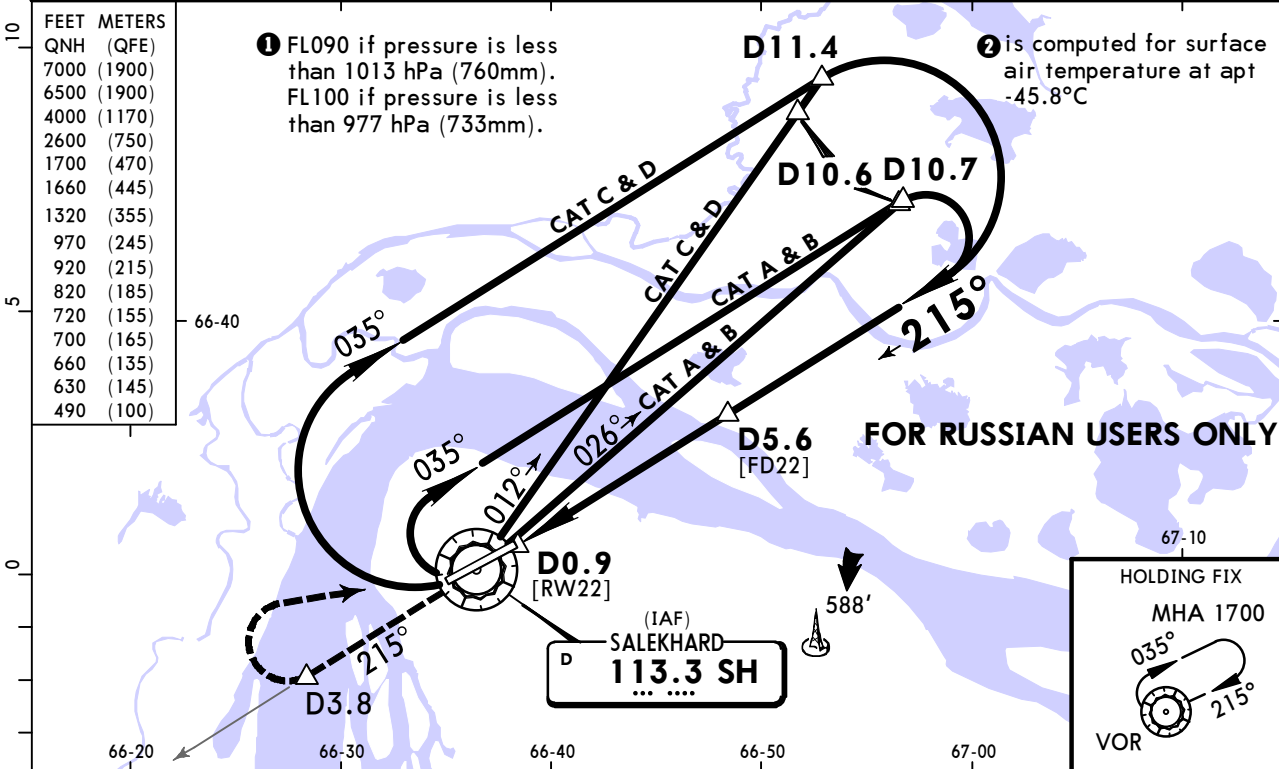
PANS OPS	Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND		
	CDFA				
	① DA/MDA(H) 490' (320')				
	ALS out		Max Kts		
	A	R750m	R1400m	100	660' (441')
B			135	720' (501')	V1600m
C			180	820' (601')	V2400m
D			205	920' (701')	V3600m
① VNAV DA(H) in lieu of MDA(H) depends on operator policy.					

USDD/SLY SALEKHARD

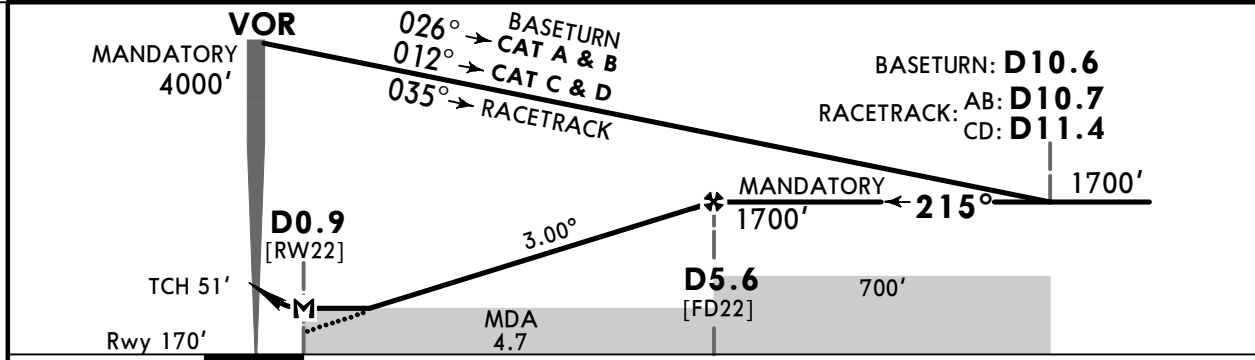
JEPPESEN
29 NOV 24 **(13-6)**

SALEKHARD, RUSSIA VOR X Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
VOR SH 113.3	Final Apch Crs 215°	D5.6 MANDATORY 1700' (1530')	DA/MDA(H) 490' (320')	Apt Elev 219'	Rwy 170'
MISSED APCH: Climb on R-035 to VOR, then on R-215 until D3.8, turn RIGHT to VOR climbing to 1700' or above, or as directed.					<p>MSA ARP ②</p>
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. MAX 230 KT. 3. Final approach offset 3° from rwy centerline.					



SH DME	2.2	3.2	4.3	5.4
ALTITUDE	630'	970'	1320'	1660'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	SH 113.3	SH 113.3	D3.8	SH 113.3
Descent Angle	3.00°	372	478	531	637	849		↑	on R-035	↑	on R-215
MAP at D0.9											

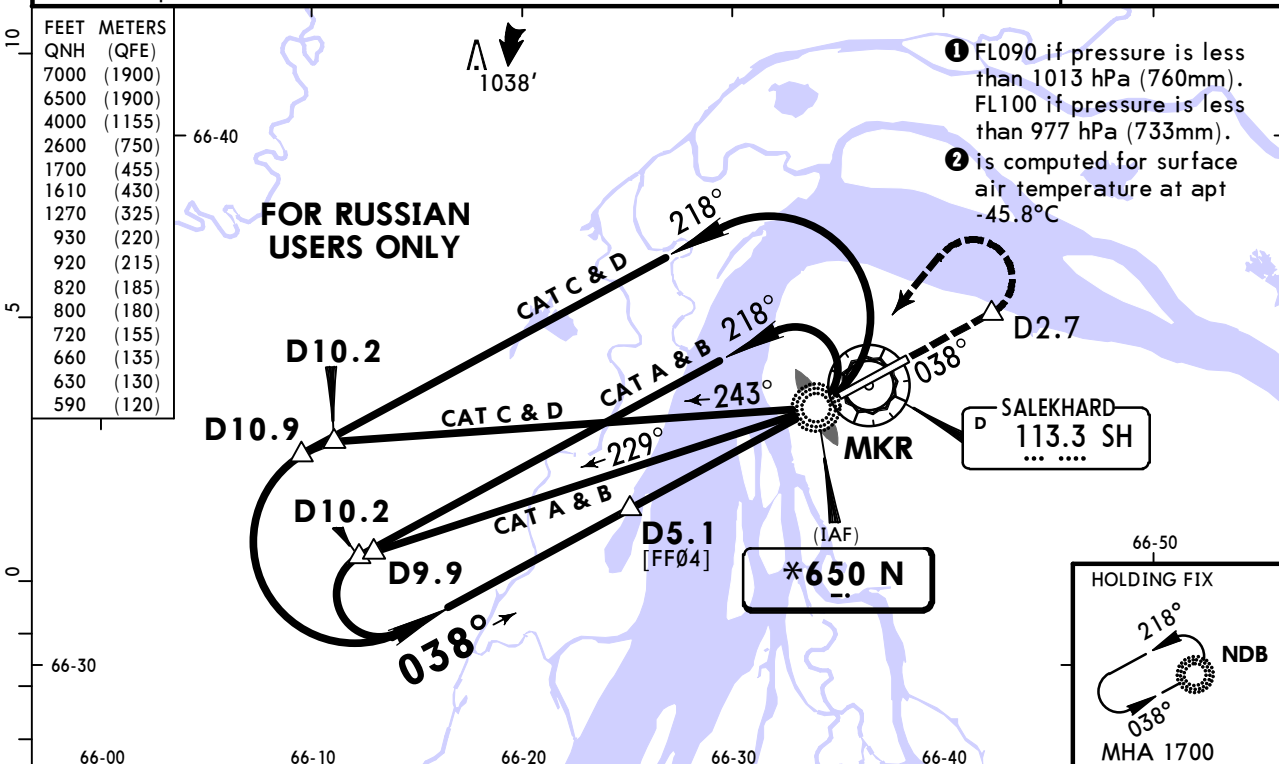
Std	STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
	CDFA		Prohibited in sector 047° - 210°	
	① DA/MDA(H) 490' (320')			
	ALS out		Max Kts	MDA(H)
A	R750m	R1400m	100	660' (441') V1500m
B			135	720' (501') V1600m
C			180	820' (601') V2400m
D			205	920' (701') V3600m

USDD/SLY SALEKHARD

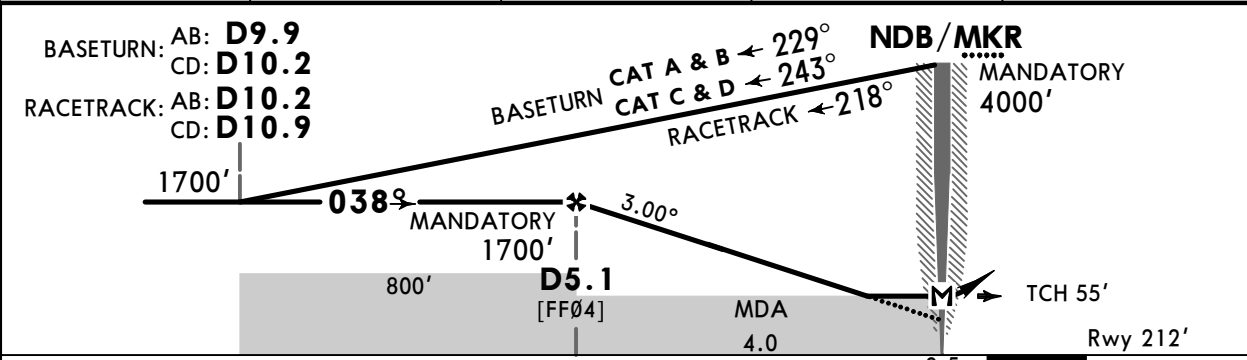
JEPPESEN
29 NOV 24 (16-1)

SALEKHARD, RUSSIA NDB Z Rwy 04

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
NDB N *650	Final Apch Crs 038°	D5.1 MANDATORY 1700' (1488')	DA/MDA(H) 630' (418')	Apt Elev 219'	Rwy 212'
MISSED APCH: Climb on 038° until D2.7, turn LEFT to NDB climbing to 1700' or above, or as directed.					<p>MSA ARP ②</p>
Alt Set: hPa (MM on req) Rwy Elev: 8 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. MAX 230 KT.					



SH DME	4.9	3.8	2.7	1.6
ALTITUDE	1610'	1270'	930'	590'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	D2.7 ↑ on 038°
Descent Angle 3.00°	372	478	531	637	743	849		

PANS OPS	Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
	CDFA			
	① DA/MDA(H) 630' (418')			
	ALS out		Max Kts	MDA(H)
	A	R1200m	100	660' (441') V1500m
B	R1200m	135	720' (501') V1600m	
C	R1200m	180	820' (601') V2400m	
D	R1900m	205	920' (701') V3600m	

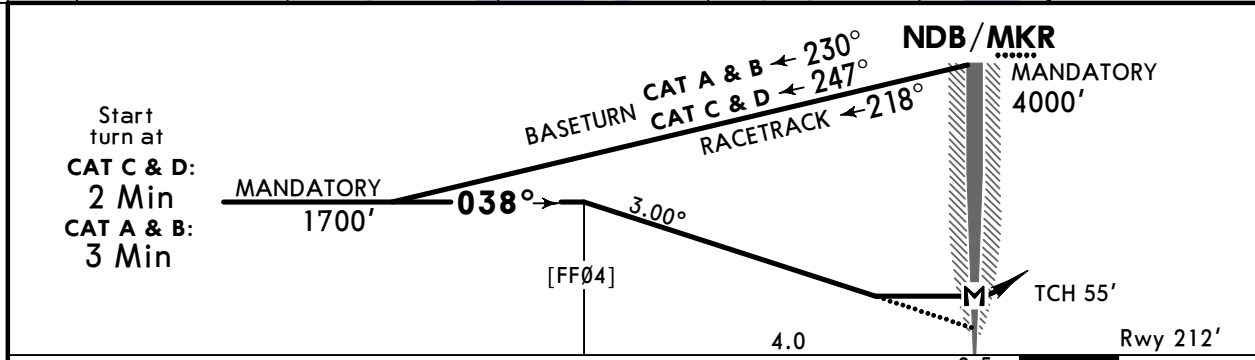
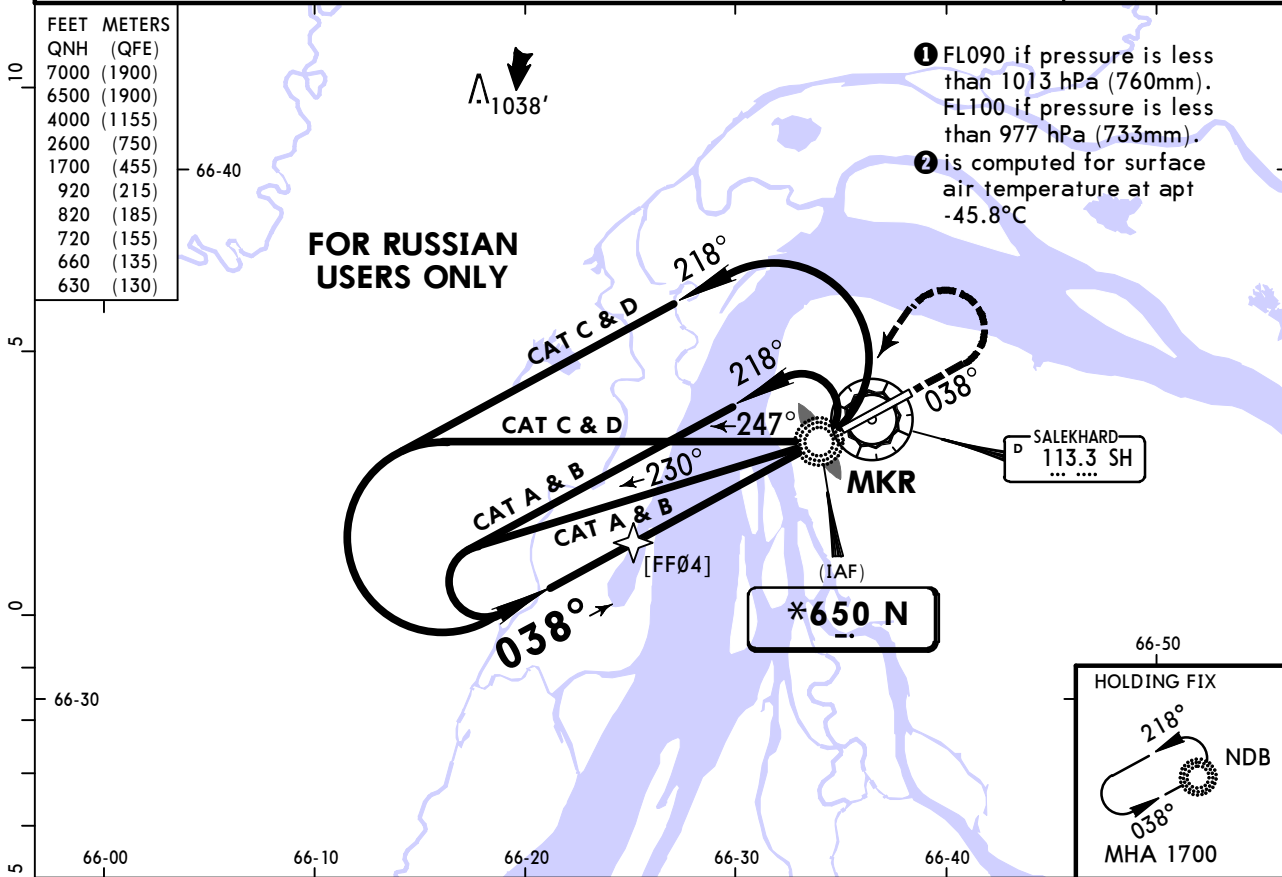
① VNAV DA(H) in lieu of MDA(H) depends on operator policy.
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**USDD/SLY
SALEKHARD**

JEPPESEN
29 NOV 24 **(16-2)**

**SALEKHARD, RUSSIA
NDB Y Rwy 04**

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR/R) 118.6 Russian only	
NDB N *650	Final Apch Crs 038°	No FAF	DA/MDA(H) 630' (418')	Apt Elev 219'	
MISSED APCH: Climb on 038° to 1000' or above, turn LEFT to NDB climbing to 1700' or above, or as directed.					
Alt Set: hPa (MM on req)		Rwy Elev: 8 hPa	Trans level: FL080 1	Trans alt: 7000'	MSA ARP 2



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	MIN 1000' on 038°
Descent Angle 3.00°	372	478	531	637	743	849		

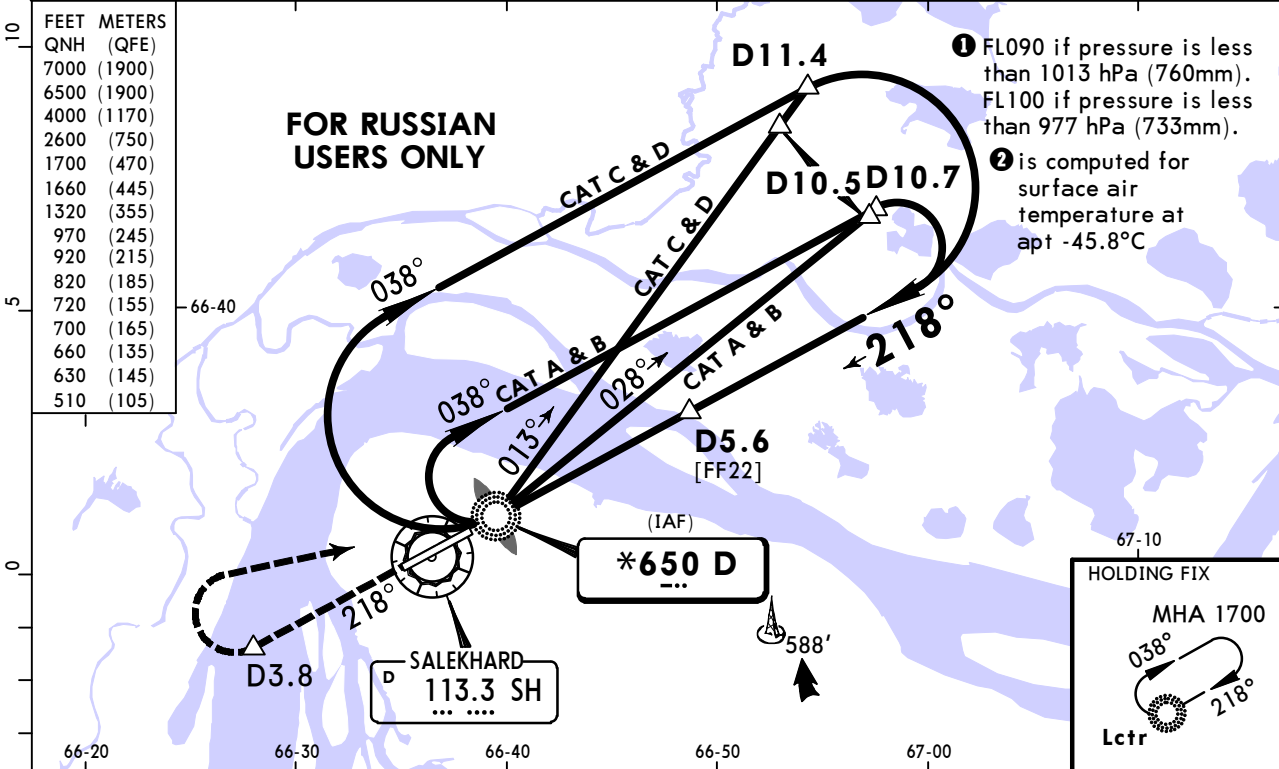
PANS OPS	Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND		
	CDFA		Prohibited in sector 047° - 210°		
	1 DA/MDA(H) 630' (418')				
	ALS out		Max Kts	MDA(H)	
	A	R1200m	R1500m	100	660' (441')
B	R1500m		135	720' (501')	V1600m
C	R1900m		180	820' (601')	V2400m
D			205	920' (701')	V3600m

**USDD/SLY
SALEKHARD**

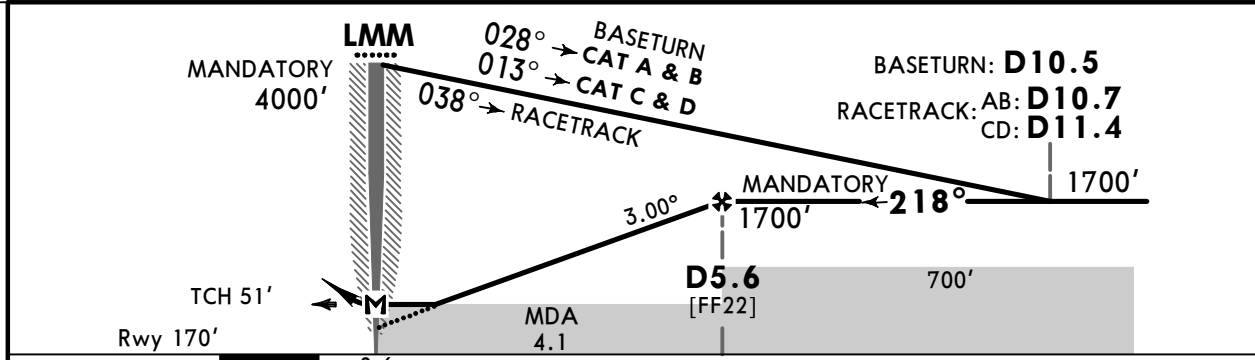
JEPPESEN
29 NOV 24 **(16-3)**

**SALEKHARD, RUSSIA
NDB Z Rwy 22**

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
Lctr D *650	Final Apch Crs 218°	D5.6 MANDATORY 1700' (1530')	DA/MDA(H) 510' (340')	Apt Elev 219'	Rwy 170'
MISSED APCH: Climb on 218° until D3.8, turn RIGHT to Lctr climbing to 1700' or above, or as directed.					<p>MSA ARP ②</p>
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 ① Trans alt: 7000'					
1. DME required. 2. MAX 240 KT.					



SH DME	2.2	3.2	4.3	5.4
ALTITUDE	630'	970'	1320'	1660'



Gnd speed-Kts	70	90	100	120	140	160	
Descent Angle 3.00°	372	478	531	637	743	849	

PANS OPS	Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
	CDFA		Prohibited in sector 047° - 210°	
	① DA/MDA(H) 510' (340')			
	ALS out		Max Kts	MDA(H)
A	R800m	R1500m	100	660' (441') V1500m
B			135	720' (501') V1600m
C			180	820' (601') V2400m
D			205	920' (701') V3600m

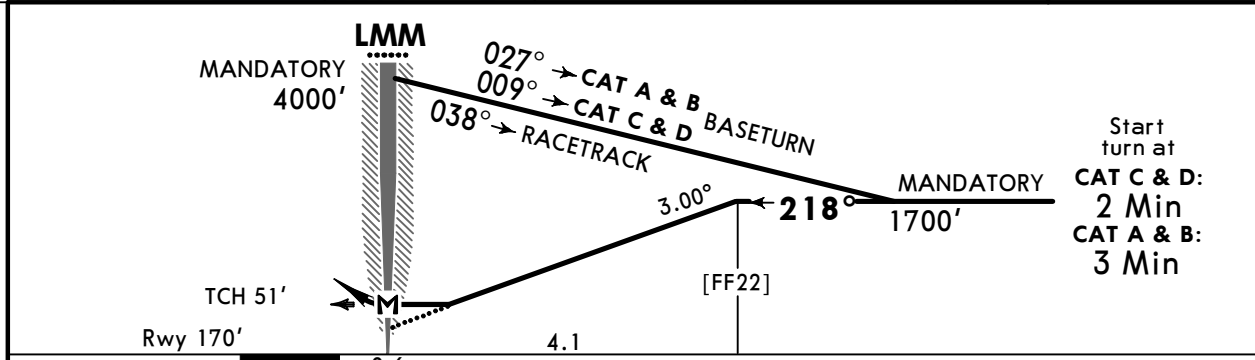
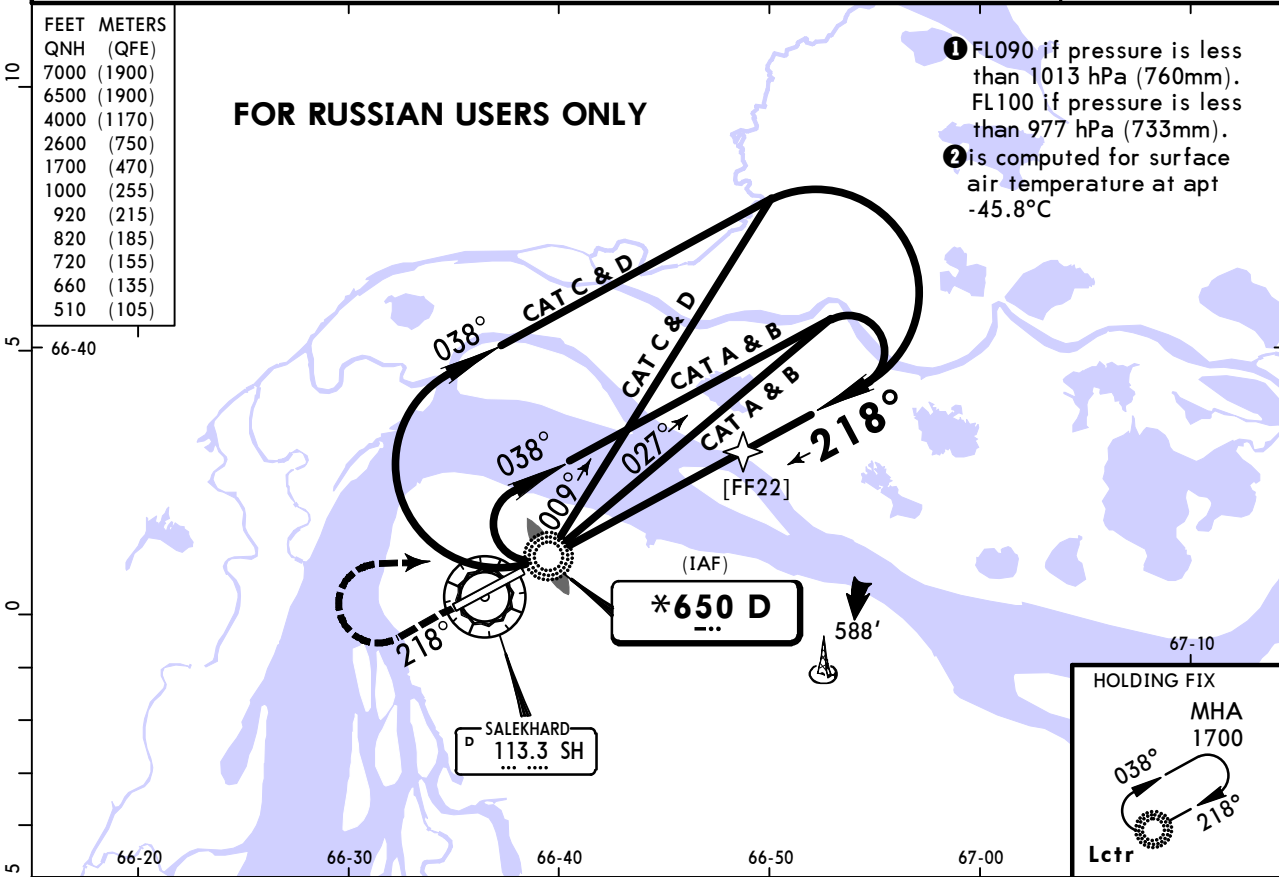
① VNAV DA(H) in lieu of MDA(H) depends on operator policy.
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USDD/SLY SALEKHARD

JEPPESEN
29 NOV 24 **(16-4)**

SALEKHARD, RUSSIA NDB Y Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
Lctr D *650	Final Apch Crs 218°	No FAF	DA/MDA(H) 510' (340')	Apt Elev 219'	
MISSED APCH: Climb on 218° to 1000', turn RIGHT to Lctr climbing to 1700' or above, or as directed.					
Alt Set: hPa (MM on req)		Rwy Elev: 6 hPa	Trans level: FL080 ①	Trans alt: 7000'	MSA ARP ②



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	MIN 1000' on 218°
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at LMM								

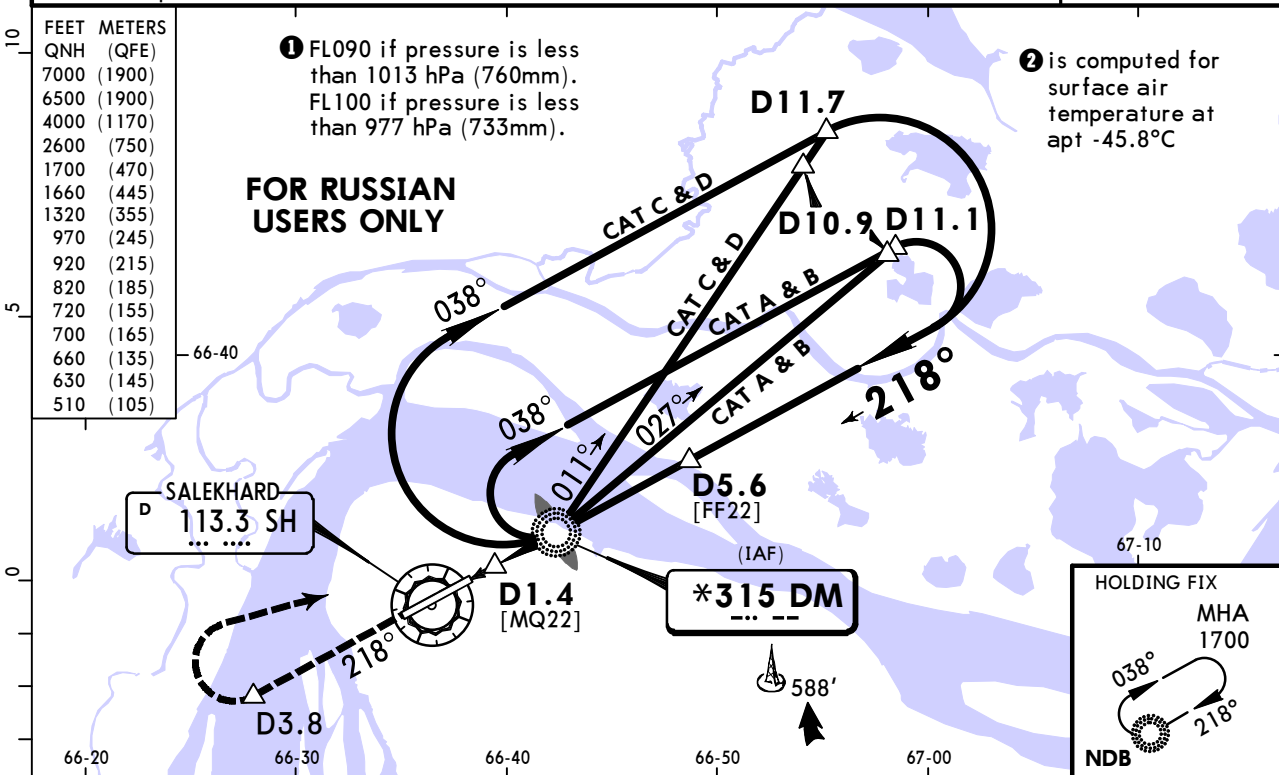
PANS OPS	Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
	CDFA		Prohibited in sector 047° - 210°	
	① DA/MDA(H) 510' (340')			
	ALS out		Max Kts	MDA(H)
	A	R800m	R1500m	100 660' (441') V1500m
B			135 720' (501') V1600m	
C			180 820' (601') V2400m	
D			205 920' (701') V3600m	
① VNAV DA(H) in lieu of MDA(H) depends on operator policy.				

USDD/SLY SALEKHARD

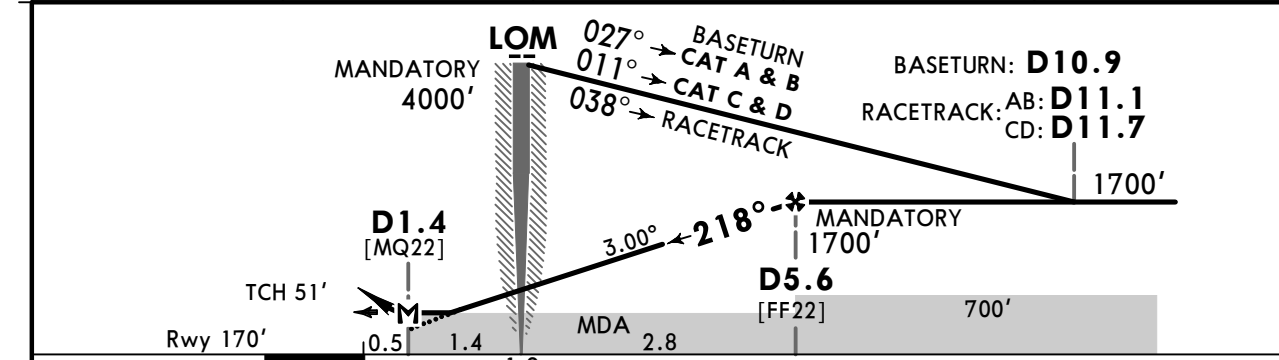
JEPPESEN
29 NOV 24 **(16-5)**

SALEKHARD, RUSSIA NDB X Rwy 22

*ATIS 127.8 Russian only		*SALEKHARD Krug (TWR) 120.8 Russian only		*SALEKHARD Start (TWR) 118.6 Russian only	
NDB DM *315	Final Apch Crs 218°	D5.6 MANDATORY 1700' (1530')	DA/MDA(H) 510' (340')	Apt Elev 219' Rwy 170'	
MISSED APCH: Climb on 218° until D3.8, turn RIGHT to NDB climbing to 1700' or above, or as directed.					
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: FL080 1 Trans alt: 7000'					
1. DME required. 2. MAX 230 KT.					



SH DME	2.2	3.2	4.3	5.4
ALTITUDE	630'	970'	1320'	1660'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI 	D3.8 ↑ on 218°
Descent Angle 3.00°	372	478	531	637	743	849		

Std STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
CDFA		Prohibited in sector 047° - 210°	
1 DA/MDA(H) 510' (340')			
ALS out		Max Kts	MDA(H)
A	R800m	100	660' (441') V1500m
B		135	720' (501') V1600m
C		180	820' (601') V2400m
D		205	920' (701') V3600m
R1500m			
1 VNAV DA(H) in lieu of MDA(H) depends on operator policy.			

Chart changes since cycle 07-2026

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
SALEKHARD, (SALEKHARD - USDD)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport USDD