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Airport Information For UNKL

Terminal Charts For UNKL

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: KRASNOYARSK RUS
ICAO/IATA: UNKL / KJA
Lat/Long: N56° 10.4', E092° 29.6'
Elevation: 942 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -7:00 = UTC
Magnetic Variation: 4.0° E

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

Sunrise: 2147 Z
Sunset: 1346 Z

Runway Information

Runway: 11
Length x Width: 12139 ft x 197 ft
Surface Type: asphalt
TDZ-Elev: 941 ft
Lighting: Edge, ALS, Centerline, TDZ

Runway: 29
Length x Width: 12139 ft x 197 ft
Surface Type: asphalt
TDZ-Elev: 941 ft
Lighting: Edge, ALS, Centerline, TDZ

Communication Information

ATIS: 126.800
Krasnoyarsk Tower: 118.300
Krasnoyarsk Tower: 129.000 Secondary
Krasnoyarsk Tower: 124.000 Secondary
Krasnoyarsk Taxiing Ground: 129.000 Secondary
Krasnoyarsk Taxiing Ground: 124.000 Secondary
Krasnoyarsk Taxiing Ground: 121.900
Krasnoyarsk Ground Ramp/Taxi: 118.700

Krasnoyarsk Approach: 124.000 Secondary
Krasnoyarsk Approach: 129.000 Secondary
Krasnoyarsk Approach: 127.700
Krasnoyarsk Krug Radar: 129.000 Secondary
Krasnoyarsk Krug Radar: 124.000 Secondary
Krasnoyarsk Krug Radar: 122.000
Krasnoyarsk Transit Operations: 131.900

UNKL/KJA
YEMELYANOVO

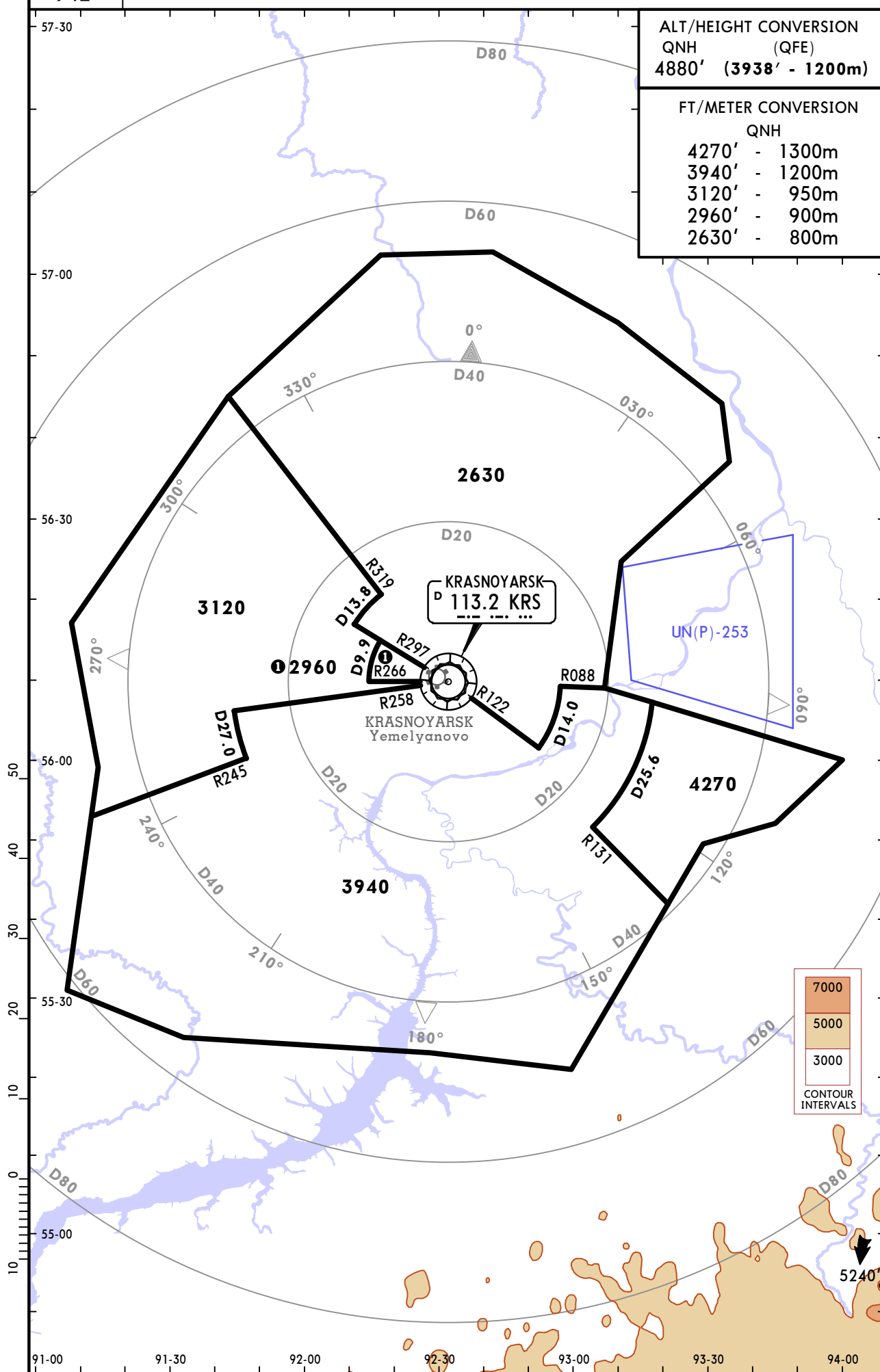
JEPPESSEN
23 MAR 18 **10-1R** Eff 29 Mar

KRASNOYARSK, RUSSIA
RADAR MINIMUM ALTITUDES

Apt Elev **942'**
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL60 Trans alt: 4880' (**3938'**)

ALT/HEIGHT CONVERSION
QNH (QFE)
4880' (3938' - 1200m)

FT/METER CONVERSION
QNH
4270' - 1300m
3940' - 1200m
3120' - 950m
2960' - 900m
2630' - 800m



CHANGES: New chart.

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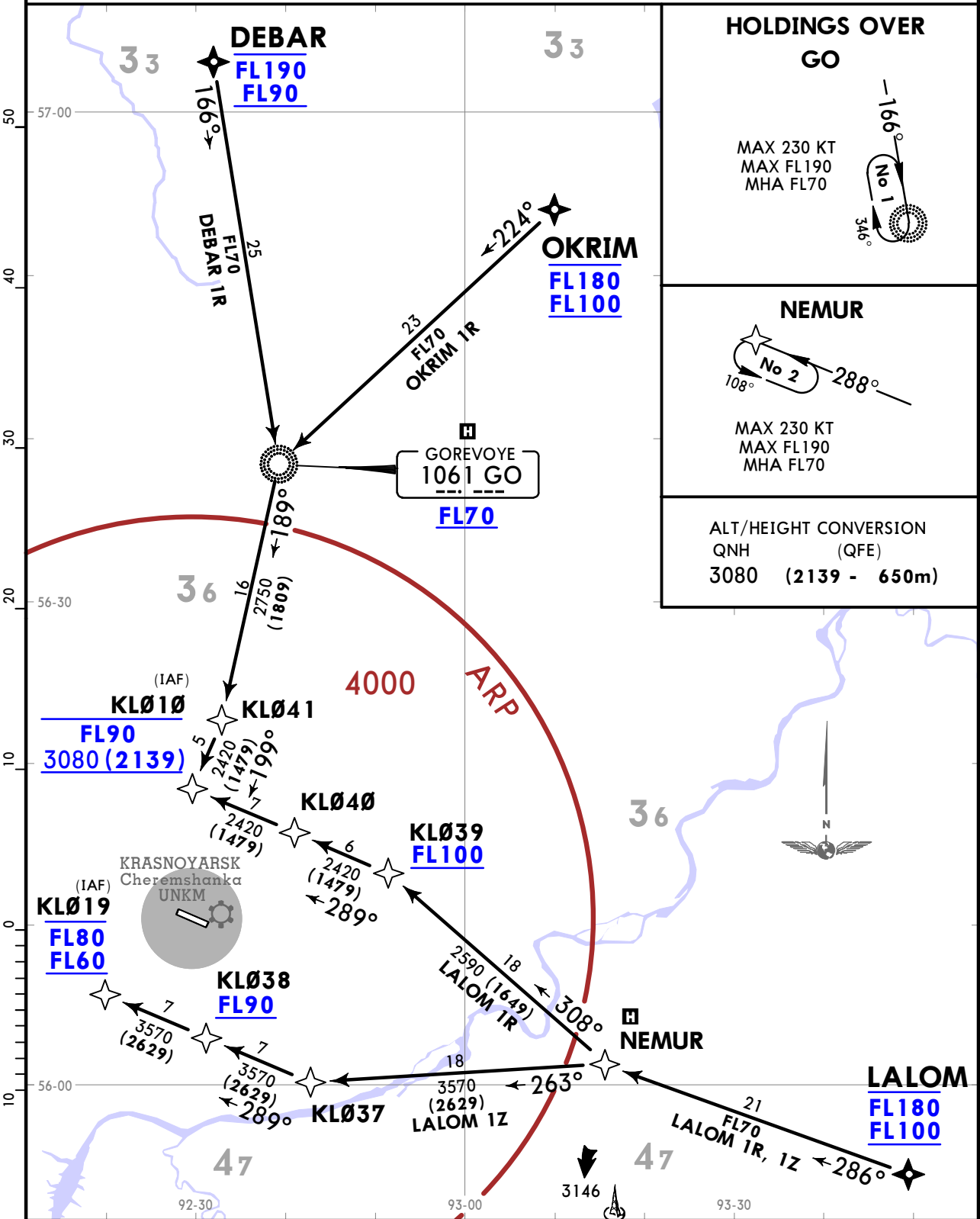
UNKL/KJA
YEMELYANOVO

JEPPESEN
30 MAR 18 10-2

KRASNOYARSK, RUSSIA
RNAV STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 1. GNSS required.
Apt Elev 942	2. RNAV 1 required. 3. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.

DEBAR 1R [DEBA1R]
LALOM 1R [LALO1R]
LALOM 1Z [LALO1Z]
OKRIM 1R [OKRI1R]
RWY 11 RNAV ARRIVALS



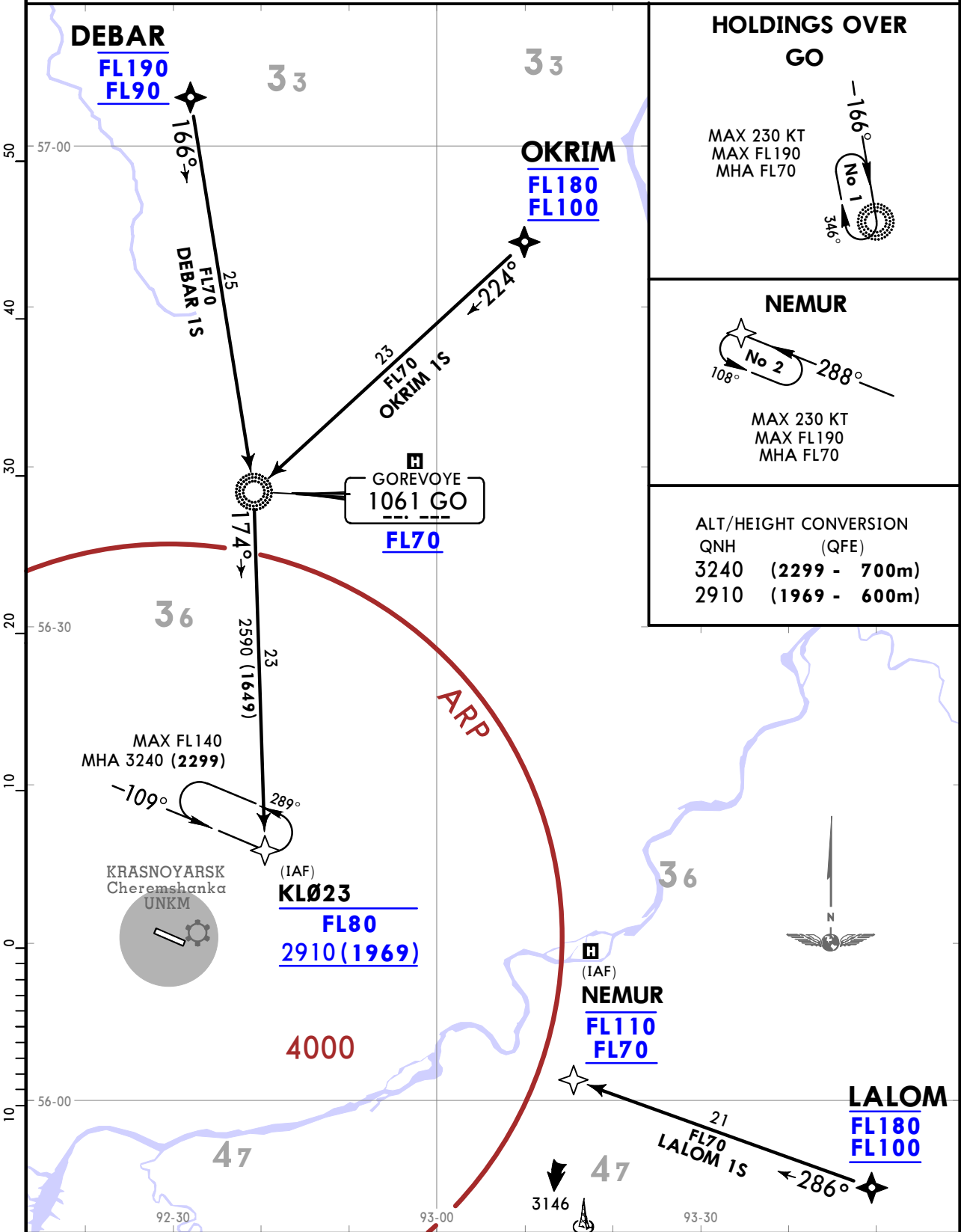
UNKL/KJA
YEMELYANOVO

JEPPESSEN
30 MAR 18 10-2A

KRASNOYARSK, RUSSIA
RNAV STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 1. GNSS required.
Apt Elev 942	2. RNAV 1 required. 3. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.

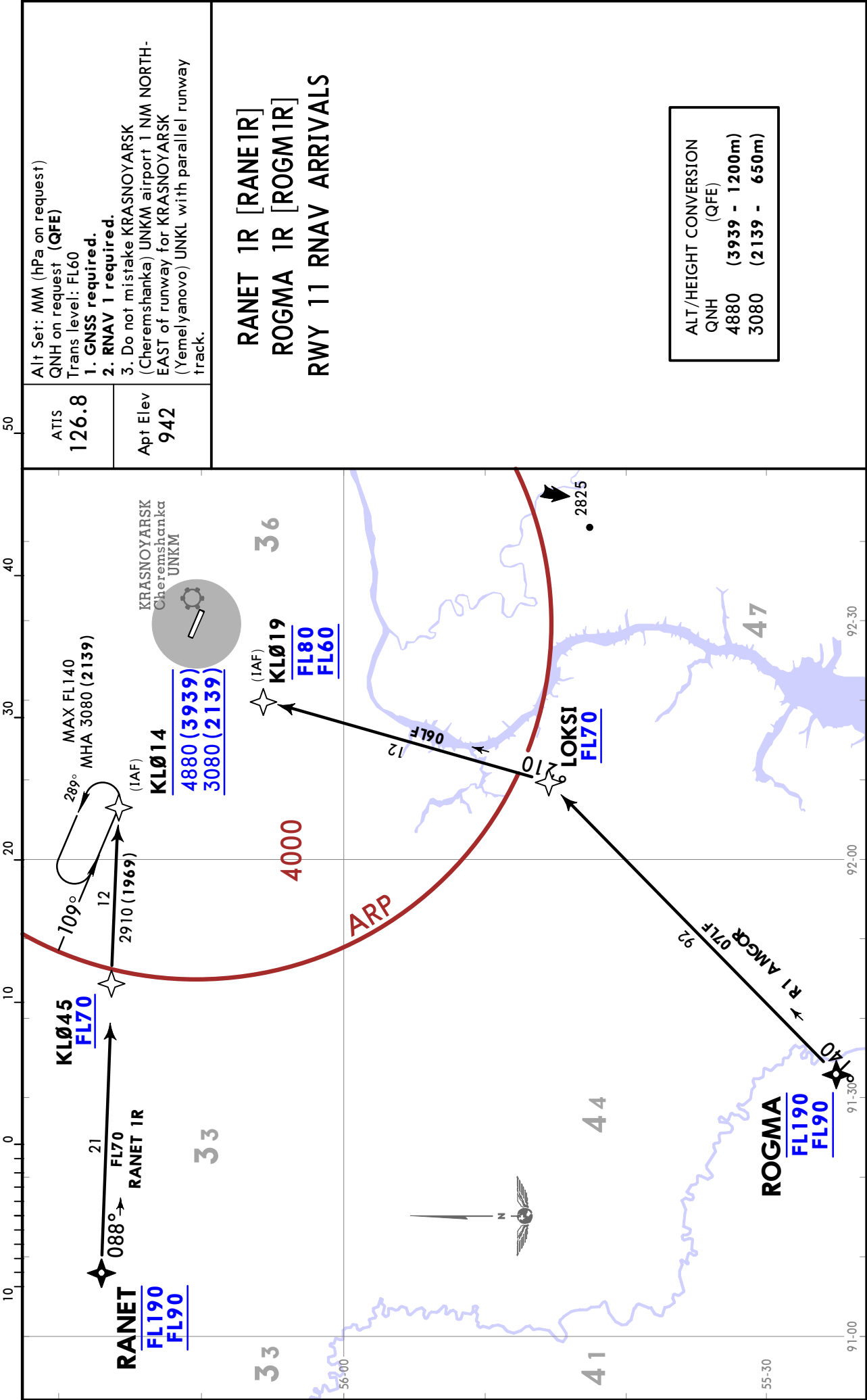
DEBAR 1S [DEBA1S]
LALOM 1S [LALO1S]
OKRIM 1S [OKRI1S]
RWY 29 RNAV ARRIVALS



UNKL/KJA
YEMELYANOVO

JEPPESSEN
30 MAR 18 10-2B

KRASNOYARSK, RUSSIA
RNAV STAR



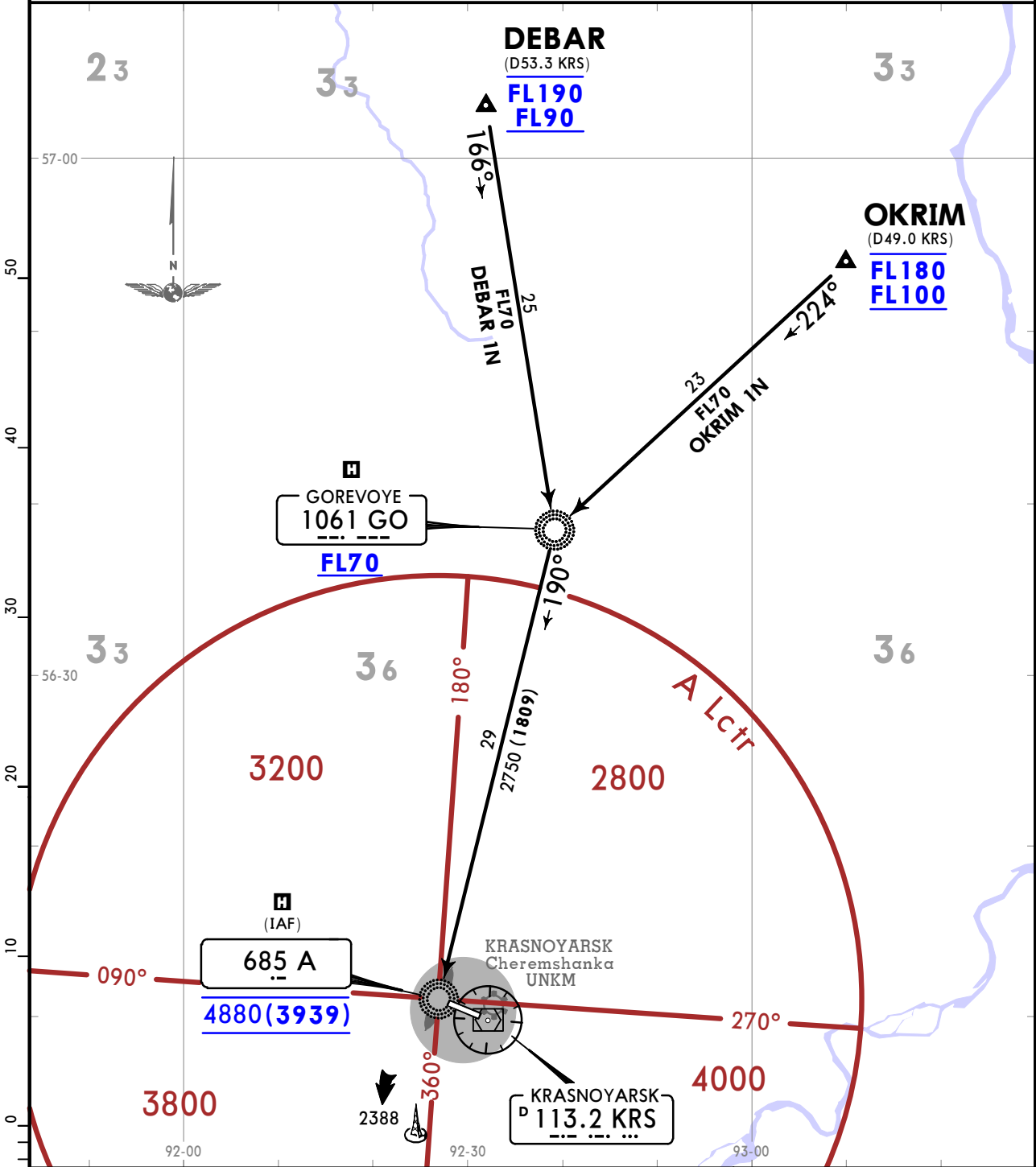


UNKL/KJA
YEMELYANOVO

JEPPESSEN
11 MAY 18 10-2D Eff 24 May

KRASNOYARSK, RUSSIA
STAR

ATIS 126.8	Apt Elev 942	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 DME required.
DEBAR 1N [DEBA1N] OKRIM 1N [OKRI1N] RWY 11 ARRIVALS		



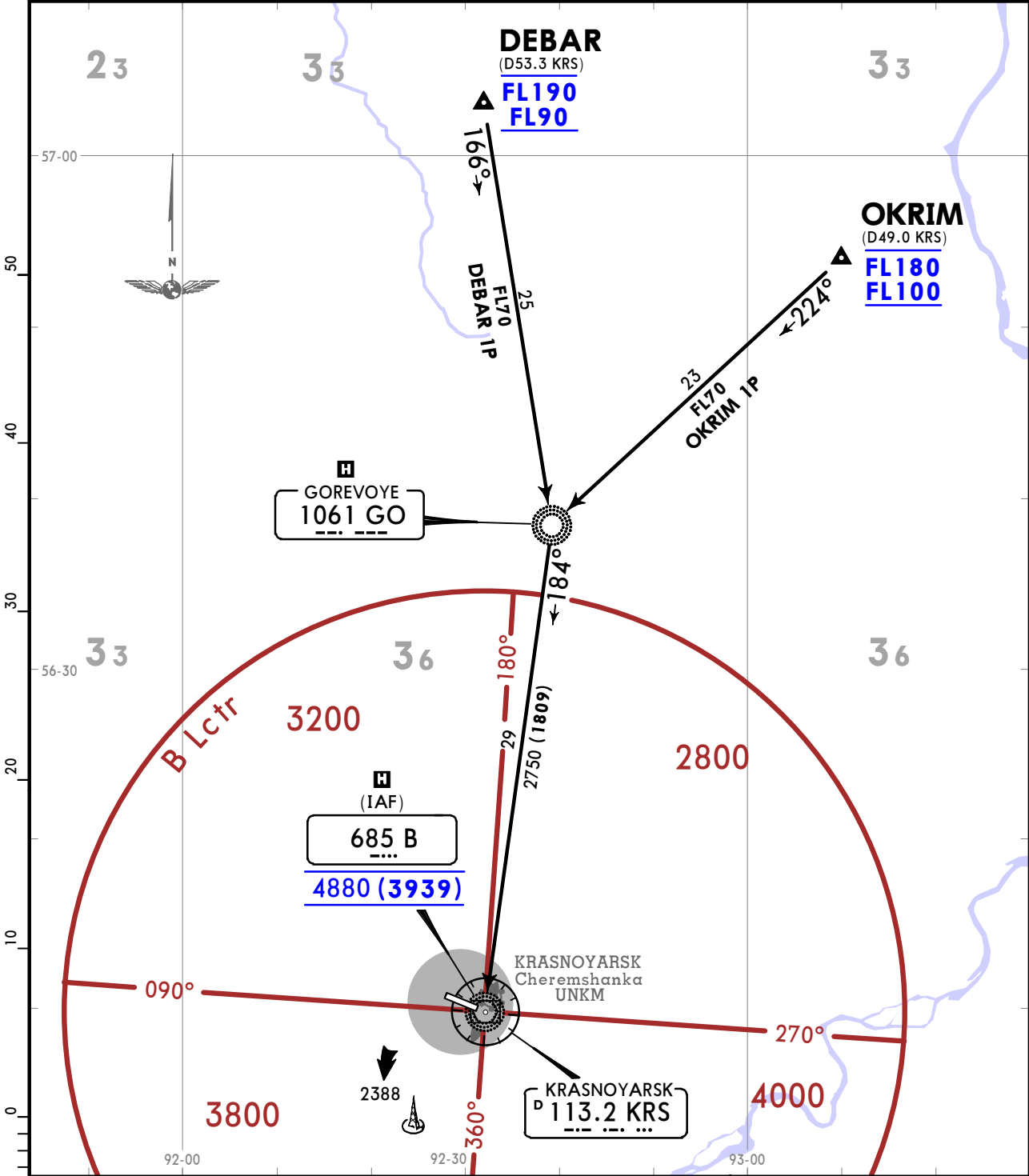
HOLDINGS OVER		ALT/HEIGHT CONVERSION QNH (QFE) 4880 (3939 - 1200m) 3080 (2139 - 650m)
A MAX FL140 MHA FL60 MAX 200 KT MAX FL80 MHA 3080 (2139)	GO MAX 230 KT MAX FL190 MHA FL70	

UNKL/KJA
YEMELYANOVO

JEPPESEN
11 MAY 18 10-2E Eff 24 May

KRASNOYARSK, RUSSIA
STAR

ATIS 126.8	Apt Elev 942	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 DME required.
DEBAR 1P [DEBA1P] OKRIM 1P [OKRI1P] RWY 29 ARRIVALS		



B MAX FL140 MHA 4880 (3939) MAX 220 KT MAX FL80 MHA 3410 (2469)	GO MAX 230 KT MAX FL190 MHA FL70	ALT/HEIGHT CONVERSION QNH (QFE) 4880 (3939 - 1200m) 3410 (2469 - 750m)
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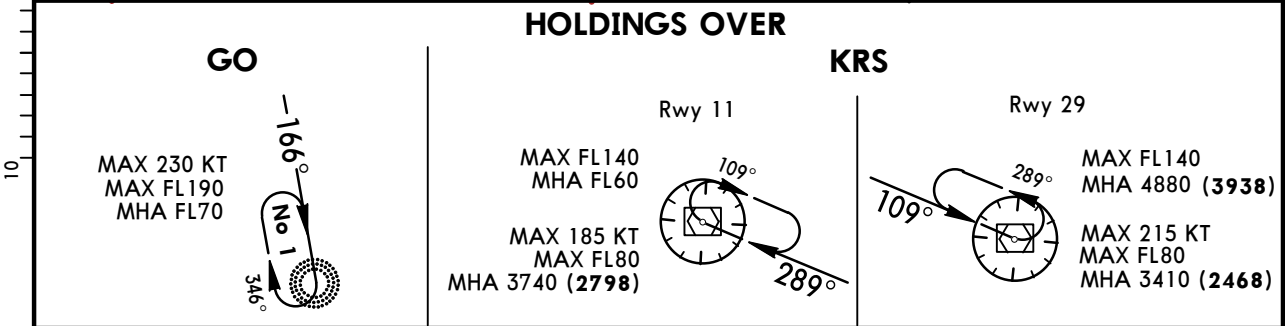
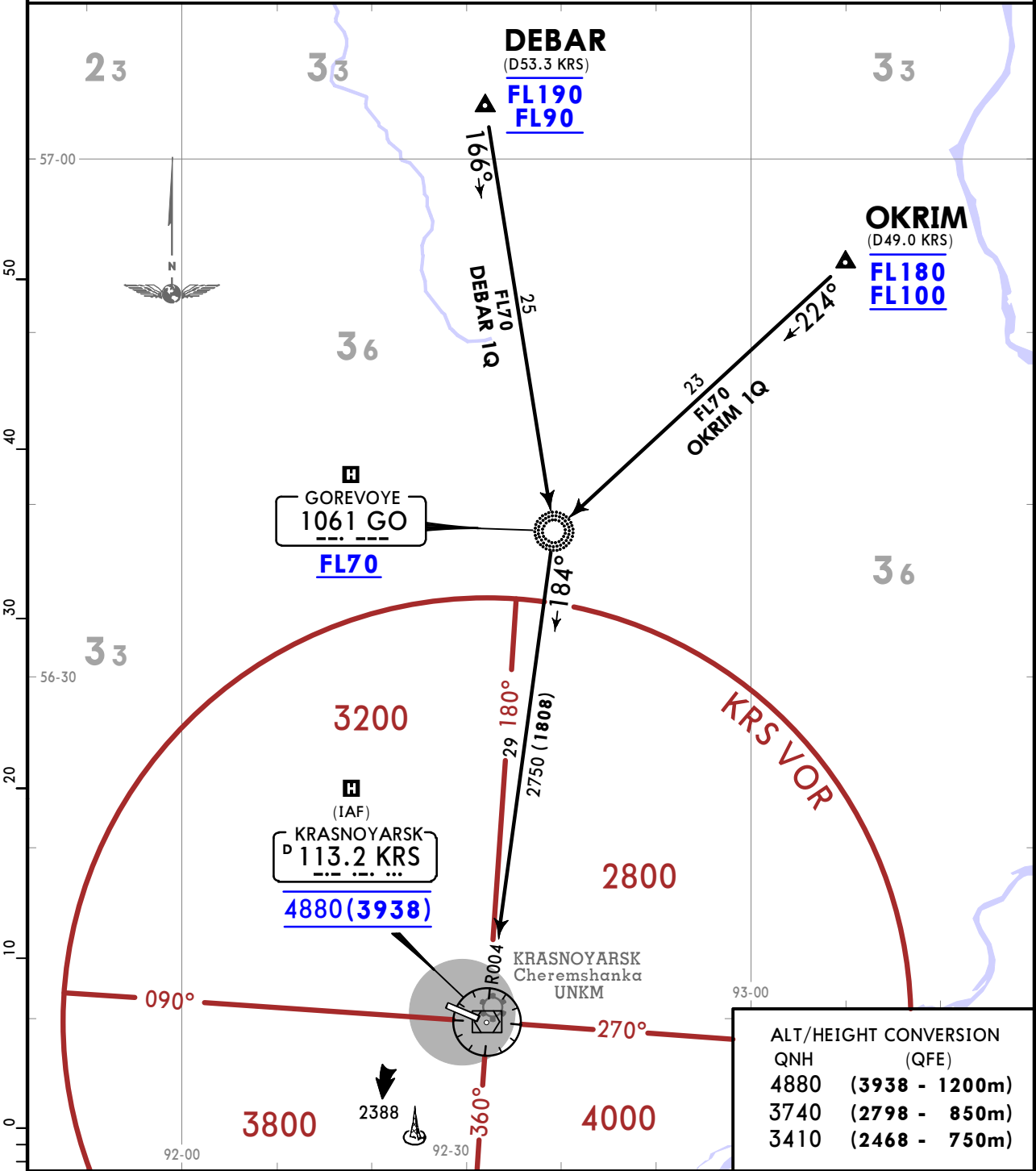
UNKL/KJA
YEMELYANOVO

JEPPESSEN
26 JAN 18 10-2F Eff 1 Feb

KRASNOYARSK, RUSSIA

STAR

ATIS 126.8	Apt Elev 942	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 DME required.
DEBAR 1Q [DEBA1Q] OKRIM 1Q [OKRI1Q] RWYS 11, 29 ARRIVALS		



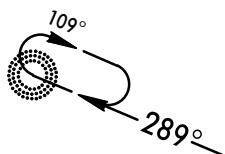
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL60
DME required.

The map displays the Krasnoyarsk region with the following details:

- Central Feature:** A large red circle labeled "A Lctr" with a radius of 36.
- Altitudes:**
 - Red: 3200, 3800, 4000
 - Blue: 4880 (3939), 662
- Locations and Landmarks:**
 - KRASNOYARSK Cheremshanka UNKM
 - UST-MANA 662 UJ
 - LALOM (D46.0 KRS)
- Navigation and Flight Data:**
 - Flight paths: D9.2 KRS FL60, D23.2 KRS FL70
 - Angles: 090°, 180°, 270°, 301°, 360°
 - Altitude markers: 2910 (1969), 3146
- Map Elements:**
 - Compass rose pointing North (N)
 - Scale bar (0 to 50)
 - Latitude/Longitude grid (55-30 to 56-30, 92-30 to 93-30)

MAX FL140
MHA FL60

MAX 200 KT
MAX FL80
MHA 3080 (**2139**)



QNH	(QFE)
4880	(3939 - 1200m)
3080	(2139 - 650m)

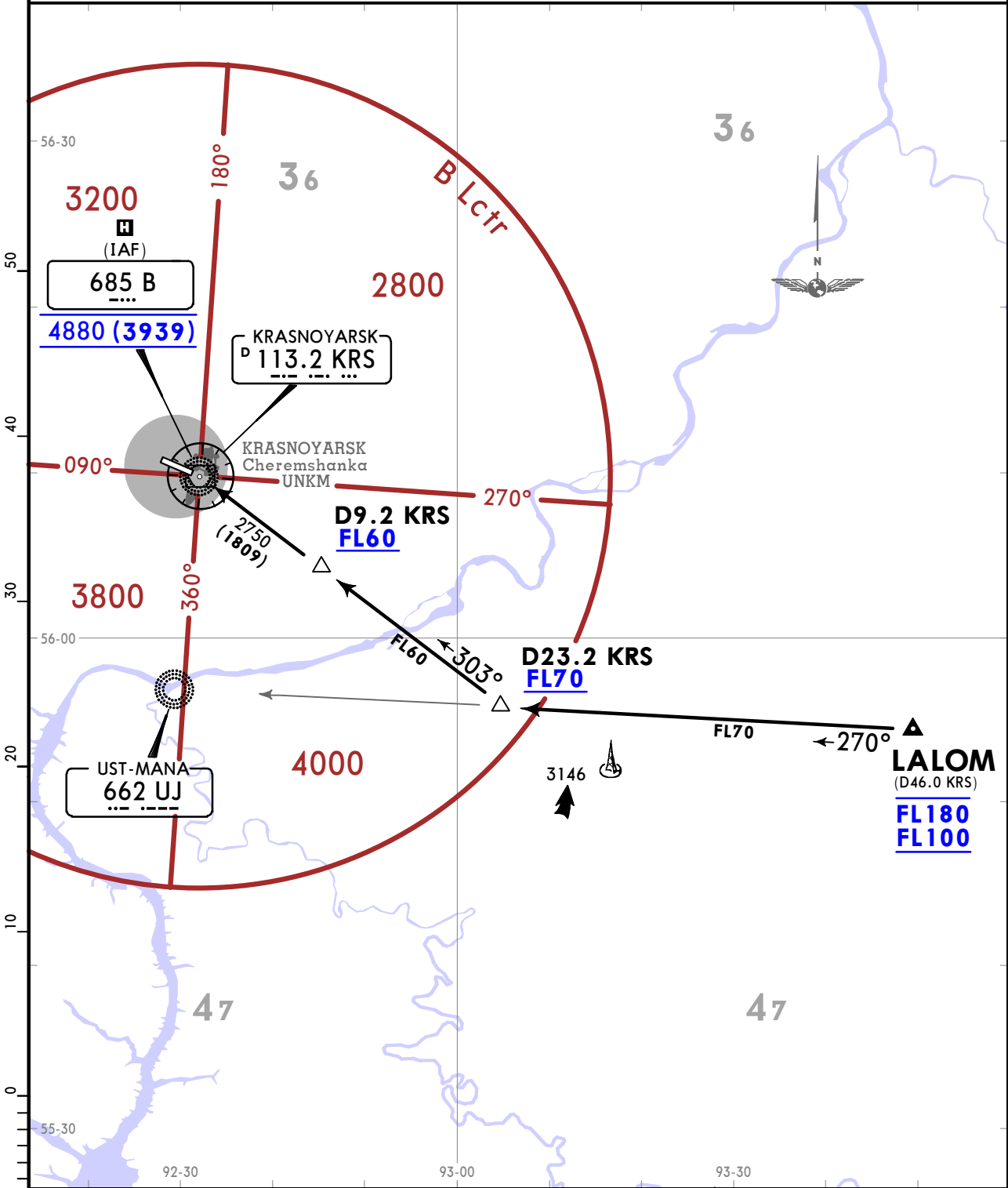
UNKL/KJA
YEMELYANOVO

JEPPESEN
11 MAY 18 10-2H Eff 24 May

KRASNOYARSK, RUSSIA
STAR

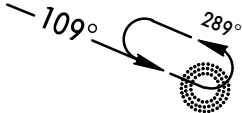
ATIS 126.8	Apt Elev 942	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 DME required.
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LALOM 1P [LALO1P]
RWY 29 ARRIVAL



HOLDINGS OVER B

MAX FL140
MHA 4880 (3939)
MAX 220 KT
MAX FL80
MHA 3410 (2469)



ALT/HEIGHT CONVERSION	
QNH	(QFE)
4880	(3939 - 1200m)
3410	(2469 - 750m)

UNKL/KJA
YEMELYANOVO

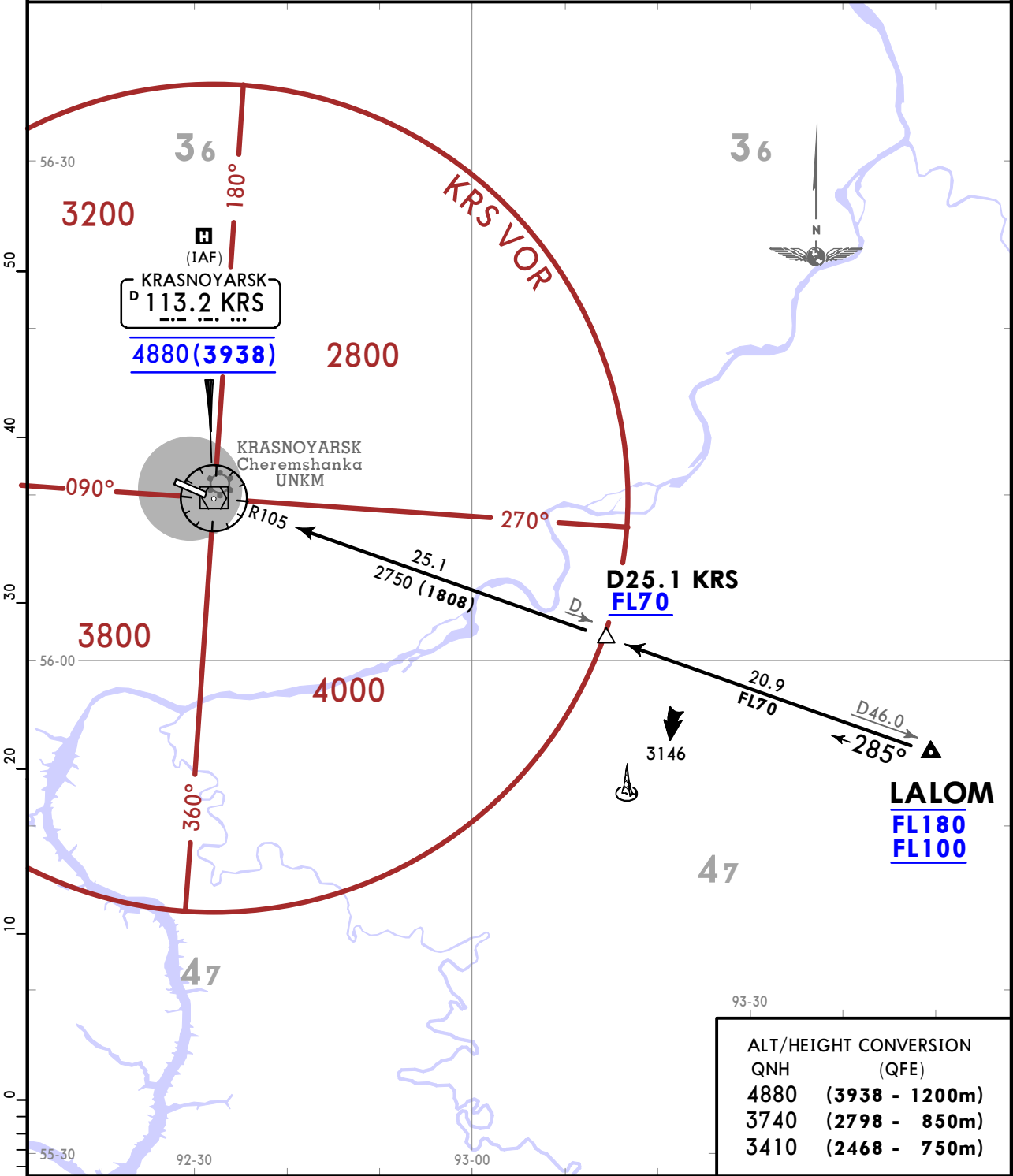
JEPPESEN
11 MAY 18 (10-2J) Eff 24 May

KRASNOYARSK, RUSSIA

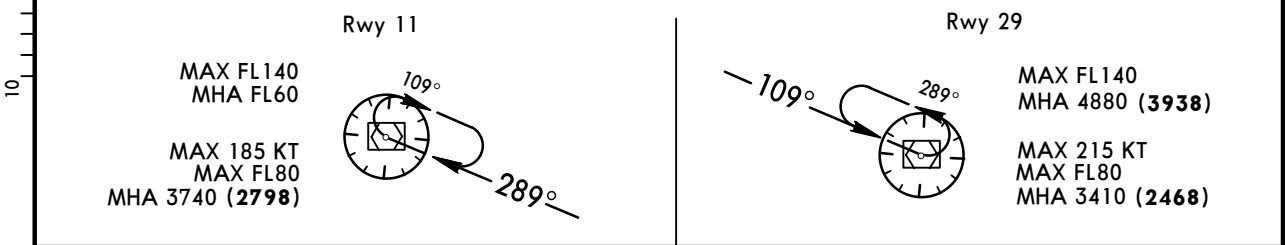
STAR

ATIS 126.8	Apt Elev 942	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 DME required.
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LALOM 1Q [LALO1Q]
RWYS 11, 29 ARRIVAL



HOLDINGS OVER KRS



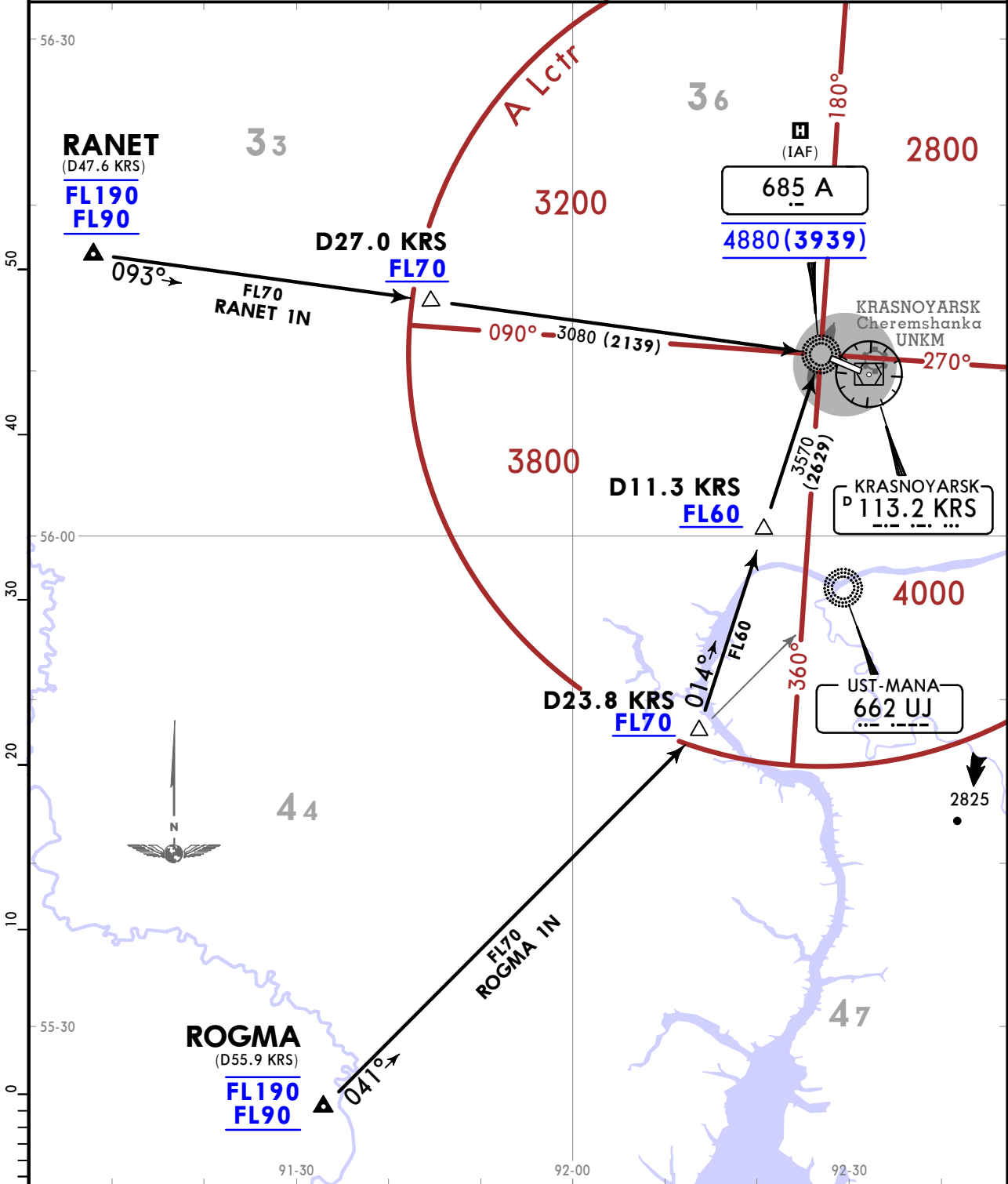
UNKL/KJA
YEMELYANOVO

JEPPESEN
11 MAY 18 10-2K Eff 24 May

KRASNOYARSK, RUSSIA
STAR

ATIS 126.8	Apt Elev 942	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 DME required.
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RANET 1N [RANE1N]
ROGMA 1N [ROGM1N]
RWY 11 ARRIVALS



HOLDINGS OVER A

MAX FL140
MHA FL60

MAX 200 KT
MAX FL80
MHA 3080 (2139)

ALT/HEIGHT CONVERSION	
QNH	(QFE)
4880	(3939 - 1200m)
3080	(2139 - 650m)

UNKL/KJA
YEMELYANOVO

JEPPESEN
11 MAY 18 10-2L Eff 24 May

KRASNOYARSK, RUSSIA

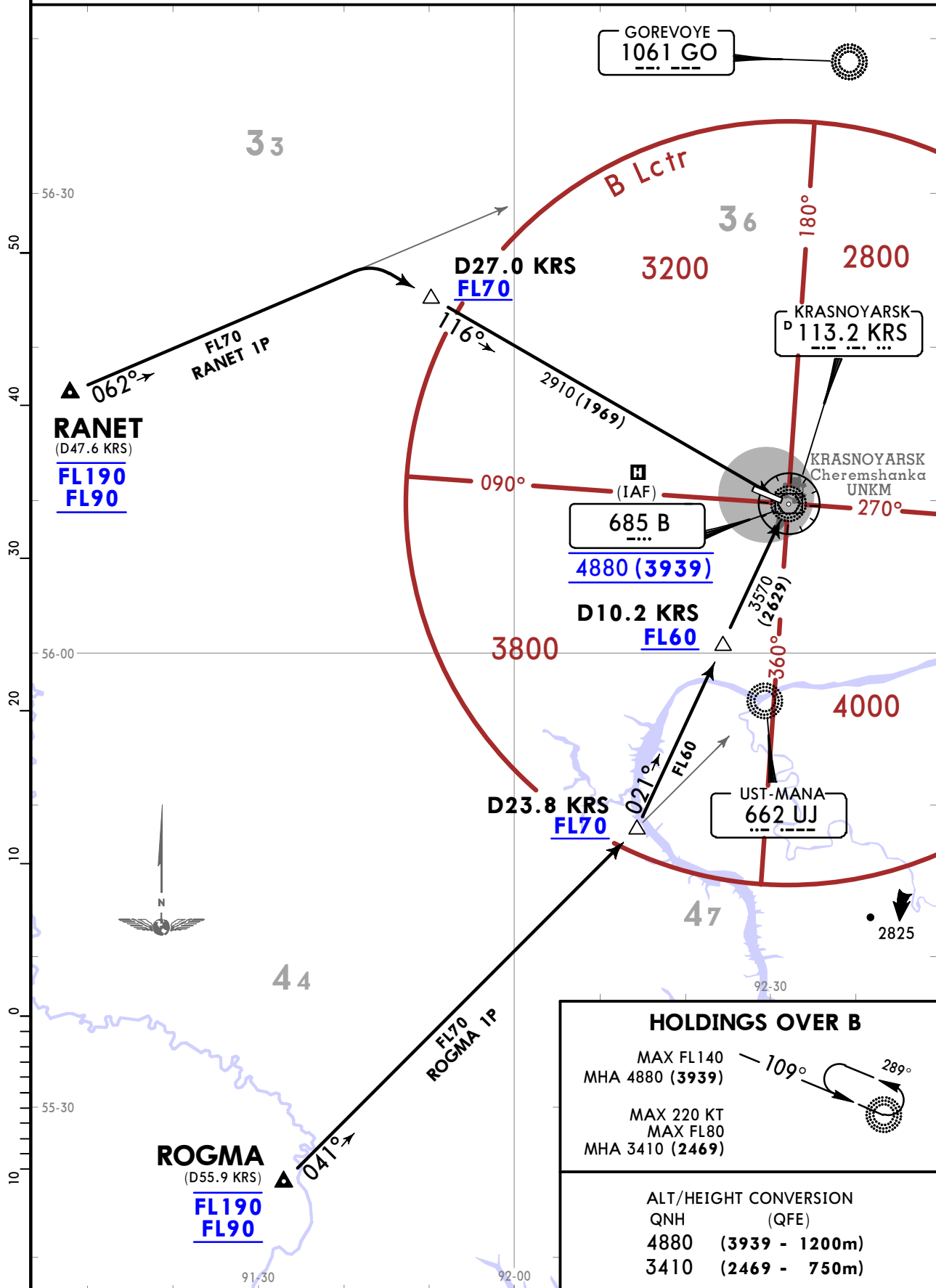
STAR

ATIS
126.8

Apt Elev
942

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL60
DME required.

RANET 1P [RANE1P]
ROGMA 1P [ROGM1P]
RWY 29 ARRIVALS



CHANGES: Crossing at B established.

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UNKL/KJA
YEMELYANOVO

JEPPESEN
26 JAN 18 **10-2M** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

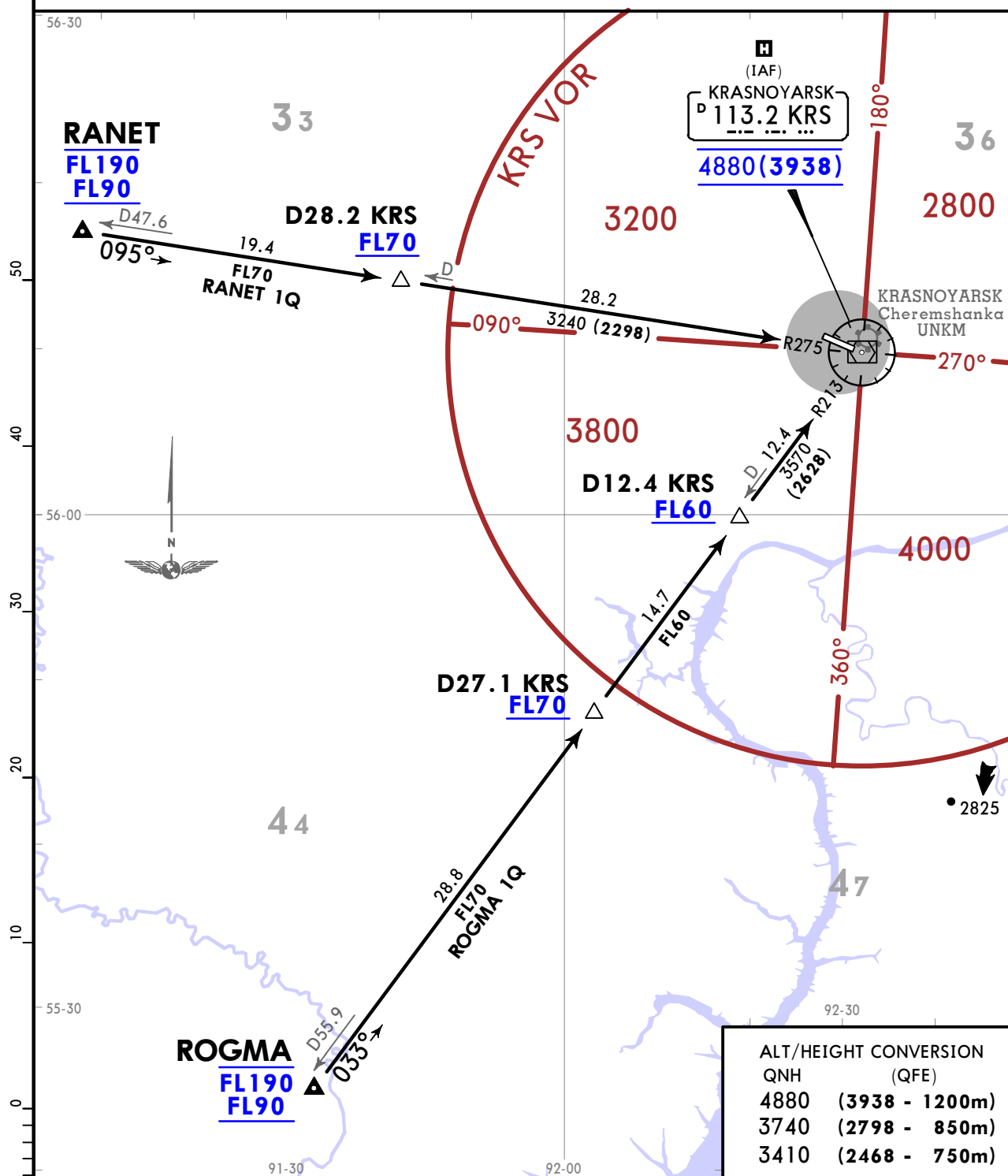
STAR

ATIS
126.8

Apt Elev
942

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL60
DME required.

RANET 1Q [RANE1Q]
ROGMA 1Q [ROGM1Q]
RWYS 11, 29 ARRIVALS

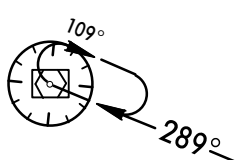


HOLDINGS OVER KRS

Rwy 11

MAX FL140
MHA FL60

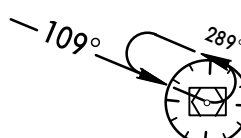
MAX 185 KT
MAX FL80
MHA 3740 (2798)

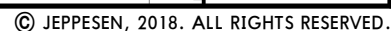


Rwy 29

MAX FL140
MHA 4880 (3938)

MAX 215 KT
MAX FL80
MHA 3410 (2468)



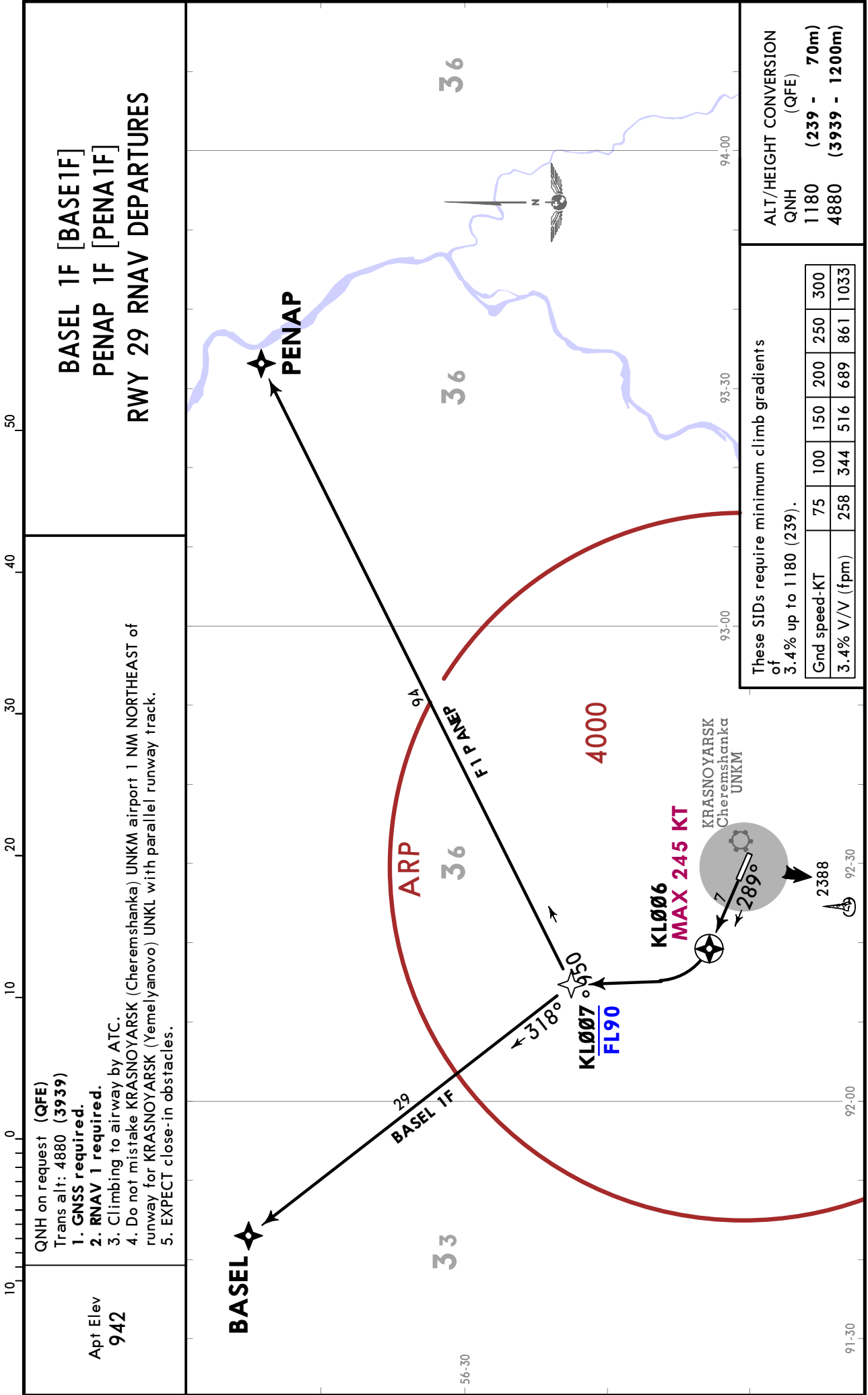


UNKL/KJA
YEMELYANOVO

JEPPESEN
26 JAN 18 10-3A Eff 1 Feb

KRASNOYARSK, RUSSIA

RNAV SID



UNKL/KJA
YEMELYANOVO

JEPPESEN
26 JAN 18 10-3B Eff 1 Feb

KRASNOYARSK, RUSSIA
RNAV SID

Apt Elev
942

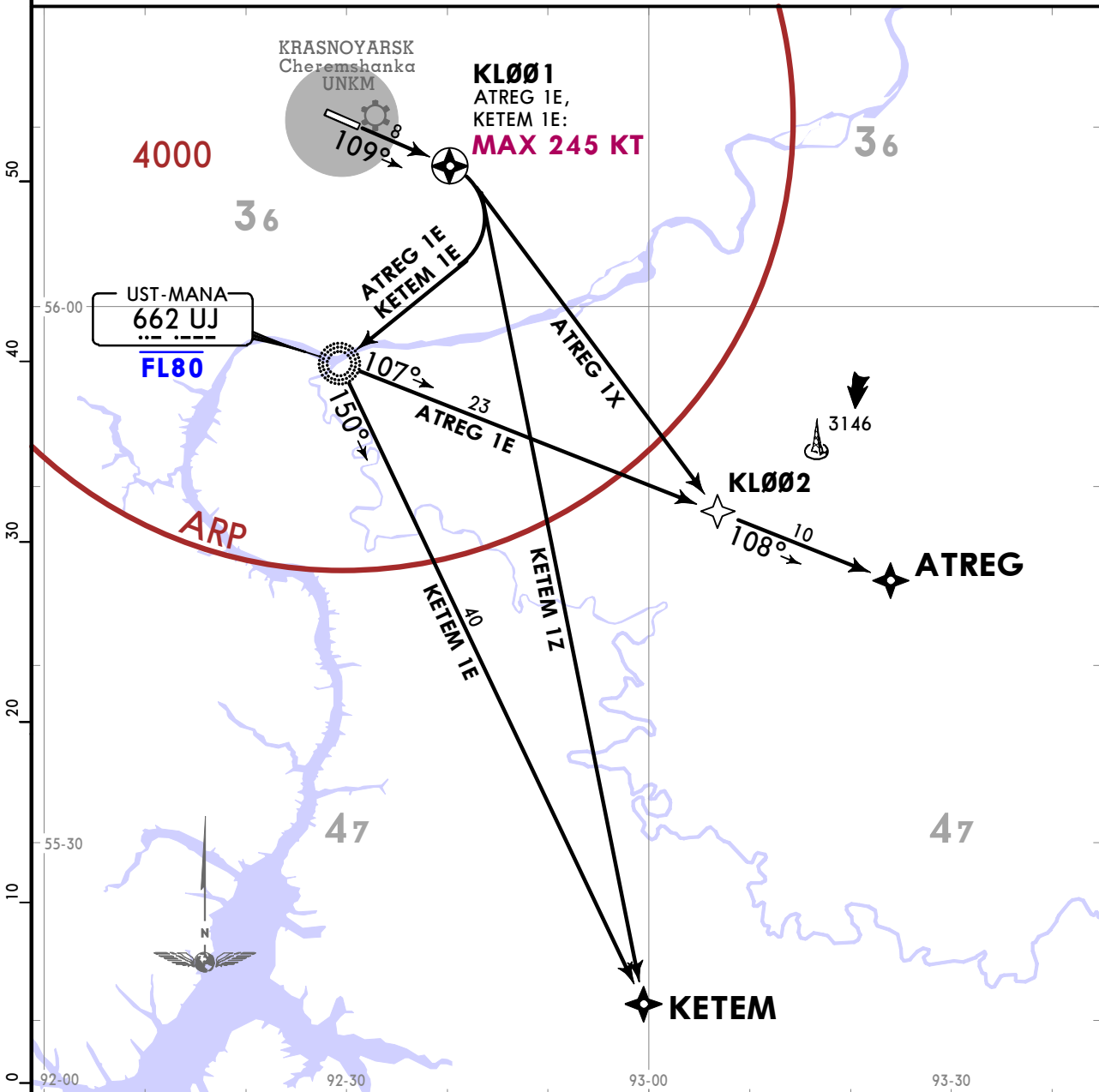
- QNH on request (QFE)
Trans alt: 4880 (3939)
1. GNSS required.
2. RNAV 1 required.
3. Climbing to airway by ATC.
4. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.

ATREG 1E [ATRE1E]
KETEM 1E [KETE1E]

ATREG 1X [ATRE1X]
KETEM 1Z [KETE1Z]

BY ATC

RWY 11 RNAV DEPARTURES



These SIDs require minimum climb gradients of

ATREG 1E: 4.5% up to FL60 due to airspace limitation.
ATREG 1X: 4.2% up to FL60 due to airspace limitation.
KETEM 1E: 4.4% up to FL60 due to airspace limitation.
KETEM 1Z: 4.7% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
4.2% V/V (fpm)	319	425	638	851	1063	1276
4.4% V/V (fpm)	334	446	668	891	1114	1337
4.5% V/V (fpm)	342	456	684	911	1139	1367
4.7% V/V (fpm)	357	476	714	952	1190	1428

ALT/HEIGHT CONVERSION
QNH (QFE)
4880 (3939 - 1200m)

UNKL/KJA
YEMELYANOVO

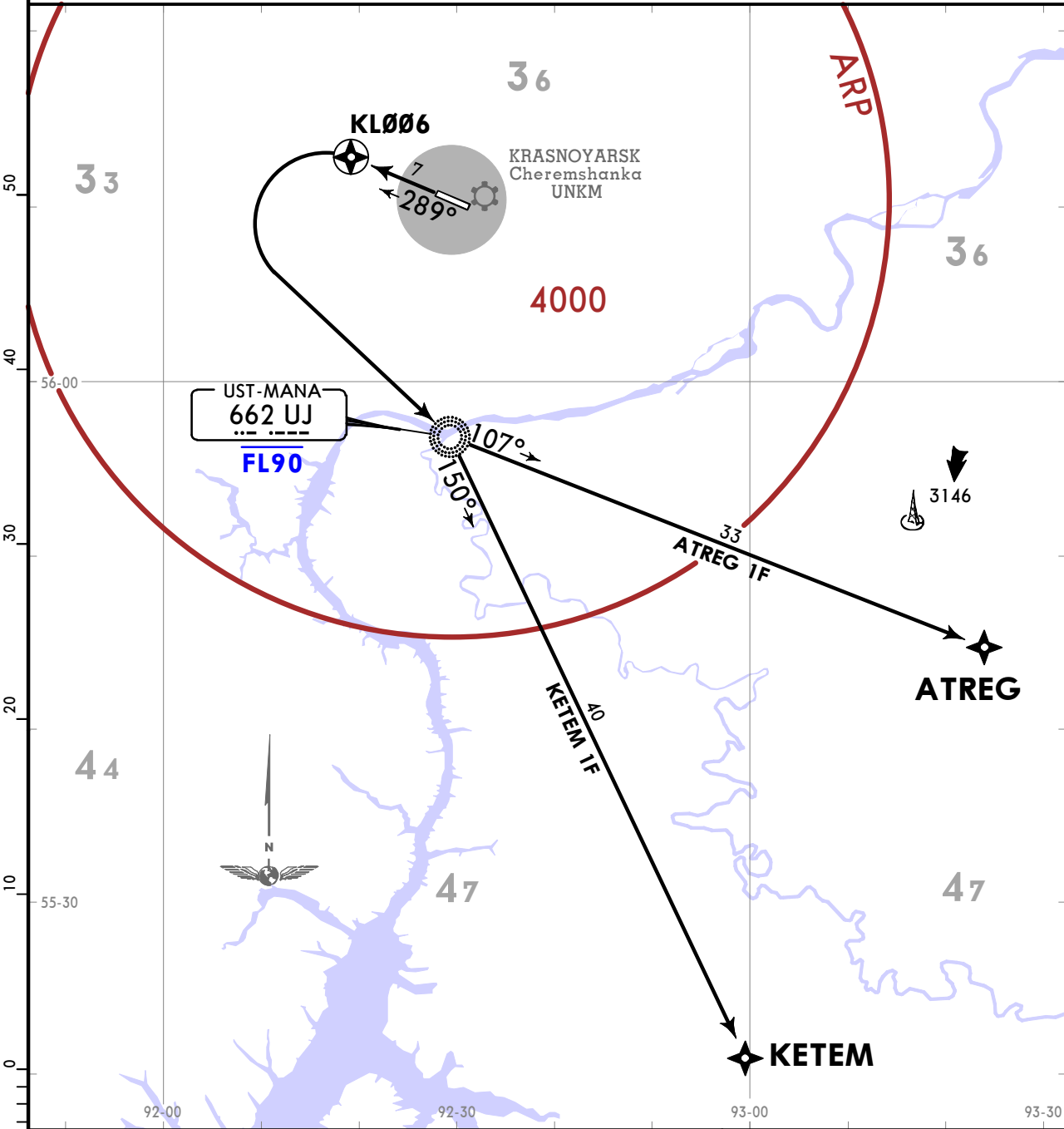
JEPPESEN
26 JAN 18 10-3C Eff 1 Feb

KRASNOYARSK, RUSSIA
RNAV SID

Apt Elev
942

- QNH on request (QFE)
Trans alt: 4880 (3939)
1. GNSS required.
2. RNAV 1 required.
3. Climbing to airway by ATC.
4. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.
5. EXPECT close-in obstacles.

ATREG 1F [ATRE1F]
KETEM 1F [KETE1F]
RWY 29 RNAV DEPARTURES



These SIDs require minimum climb gradients of
3.4% up to 1180 (239),
ATREG 1F: 4.1% up to FL60 due to airspace limitation.
KETEM 1F: 4.0% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.4% V/V (fpm)	258	344	516	689	861	1033
4.0% V/V (fpm)	304	405	608	810	1013	1215
4.1% V/V (fpm)	311	415	623	830	1038	1246

ALT/HEIGHT CONVERSION
QNH (QFE)
1180 (239 - 70m)
4880 (3939 - 1200m)

UNKL/KJA
YEMELYANOVO

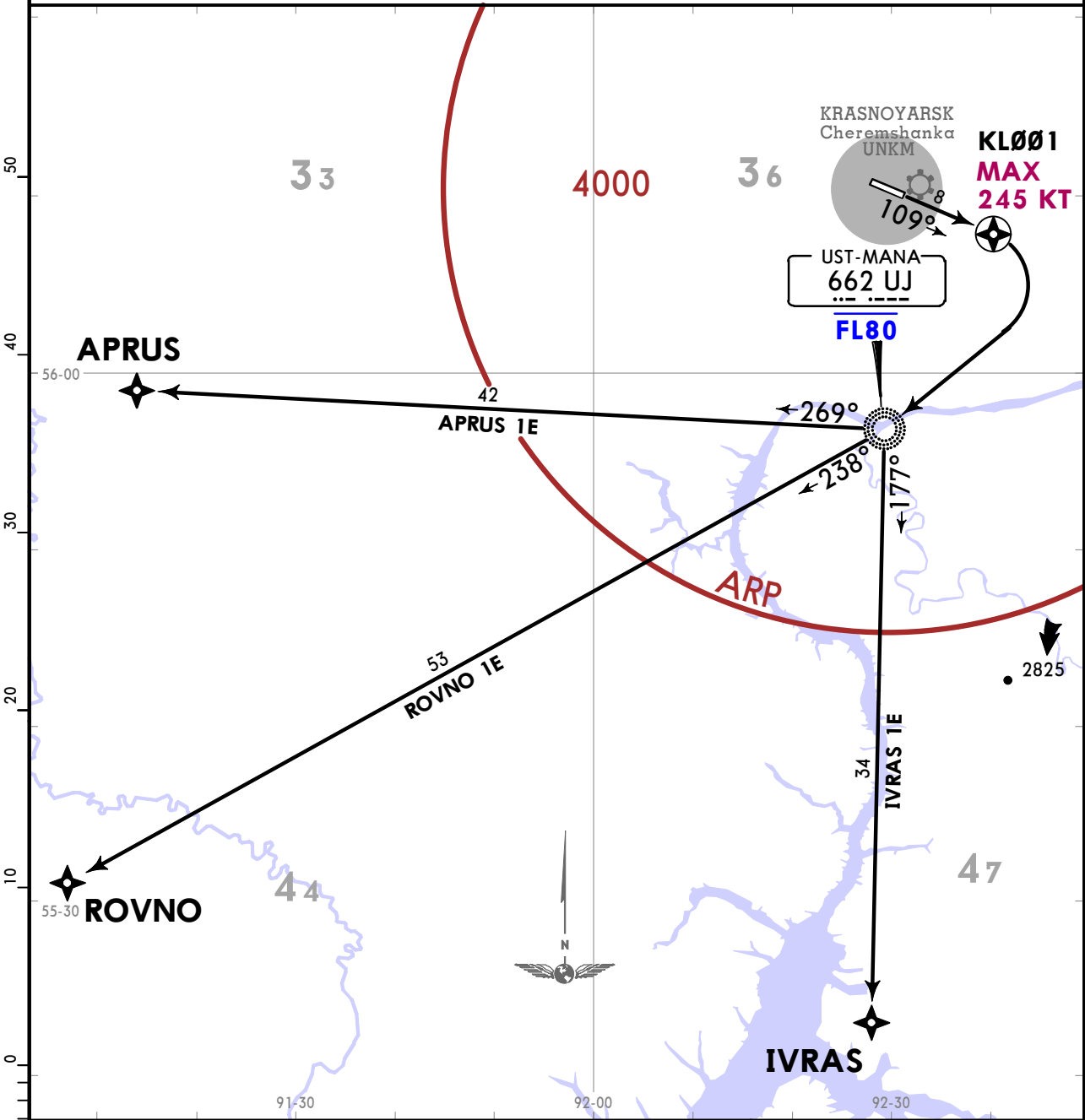
JEPPESEN
26 JAN 18 10-3D Eff 1 Feb

KRASNOYARSK, RUSSIA
RNAV SID

Apt Elev
942

- QNH on request (QFE)
Trans alt: 4880 (3939)
1. GNSS required.
2. RNAV 1 required.
3. Climbing to airway by ATC.
4. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.

APRUS 1E [APRU1E]
IVRAS 1E [IVRA1E]
ROVNO 1E [ROVN1E]
RWY 11 RNAV DEPARTURES



These SIDs require minimum climb gradients of
APRUS 1E: 4.5% up to FL60 due to airspace limitation.
IVRAS 1E: 4.3% up to FL60 due to airspace limitation.
ROVNO 1E: 4.2% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
4.2% V/V (fpm)	319	425	638	851	1063	1276
4.3% V/V (fpm)	327	435	653	871	1089	1306
4.5% V/V (fpm)	342	456	684	911	1139	1367

ALT/HEIGHT CONVERSION
QNH (QFE)
4880 (3939 - 1200m)

UNKL/KJA
YEMELYANOVO

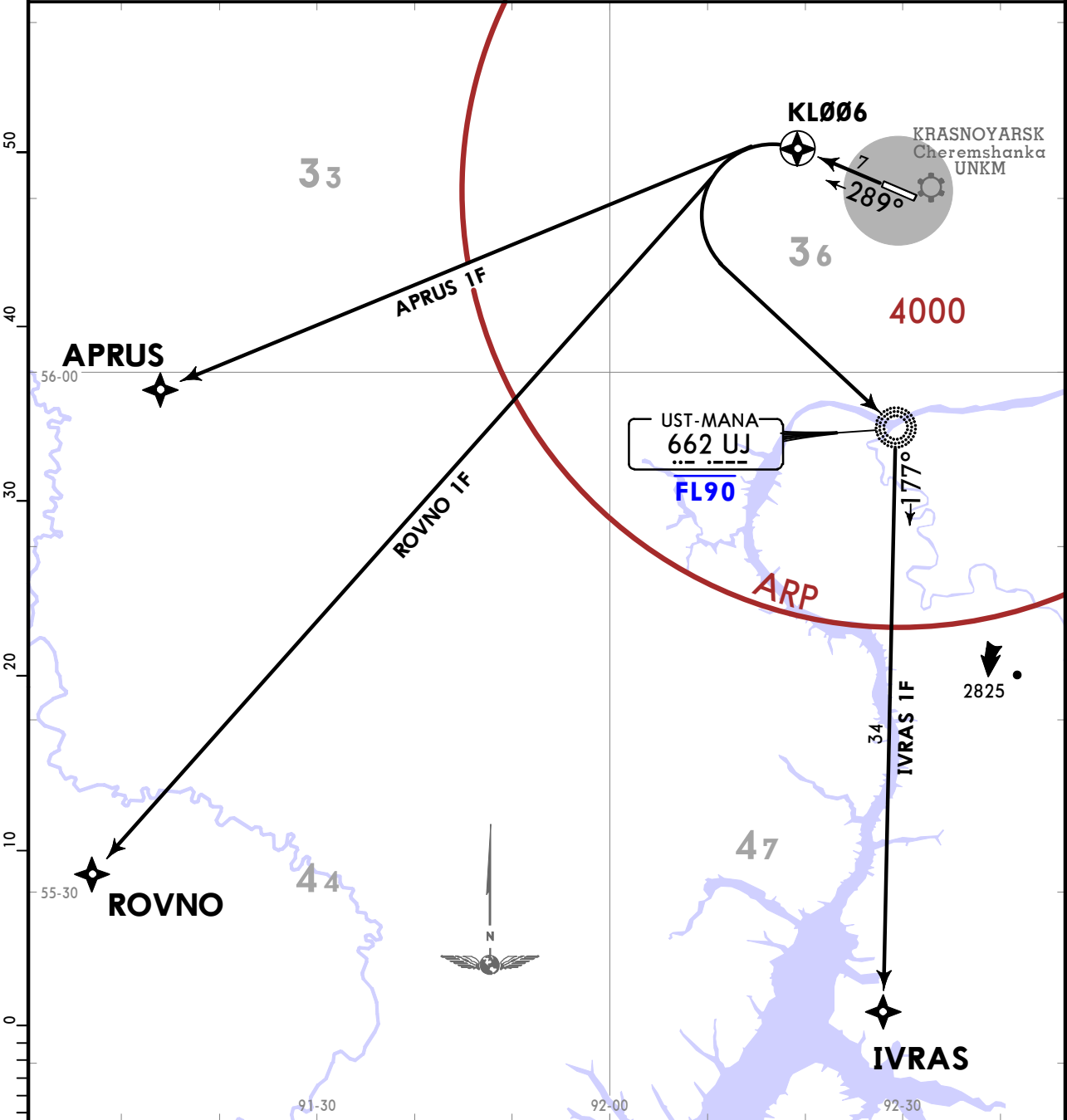
JEPPESEN
26 JAN 18 10-3E Eff 1 Feb

KRASNOYARSK, RUSSIA
RNAV SID

Apt Elev
942

- QNH on request (QFE)
Trans alt: 4880 (3939)
1. GNSS required.
2. RNAV 1 required.
3. Climbing to airway by ATC.
4. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.
5. EXPECT close-in obstacles.

APRUS 1F [APRU1F]
IVRAS 1F [IVRA1F]
ROVNO 1F [ROVN1F]
RWY 29 RNAV DEPARTURES



These SIDs require minimum climb gradients
of
APRUS 1F, ROVNO 1F: 3.4% up to 1180 (239).
IVRAS 1F: 3.4% up to 1180 (239),
4.0% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.4% V/V (fpm)	258	344	516	689	861	1033
4.0% V/V (fpm)	304	405	608	810	1013	1215

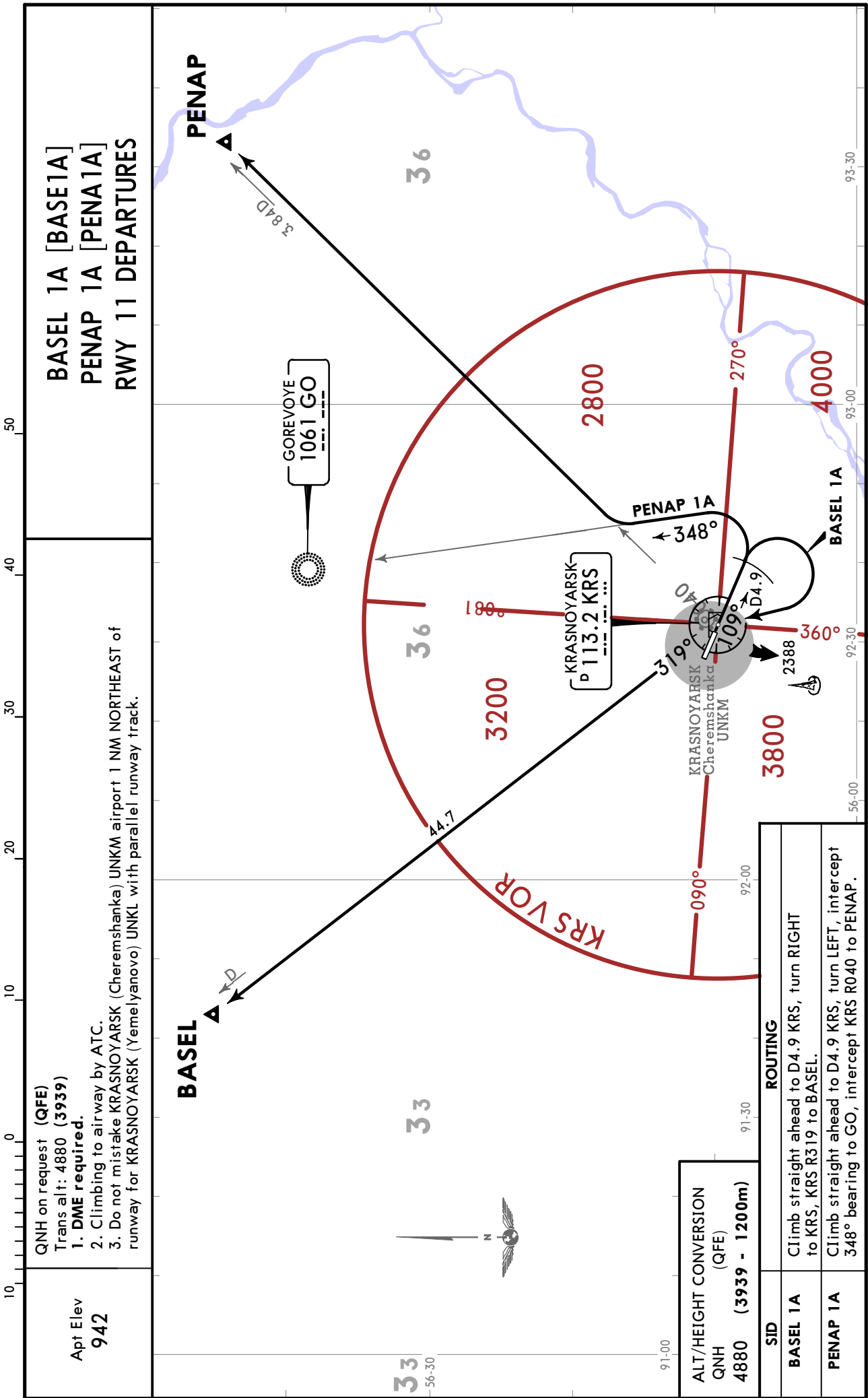
ALT/HEIGHT CONVERSION
QNH (QFE)
1180 (239 - 70m)
4880 (3939 - 1200m)

UNKL/KJA
YEMELYANOVO

JEPPESSEN
26 JAN 18 10-3F Eff 1 Feb

KRASNOYARSK, RUSSIA

SID

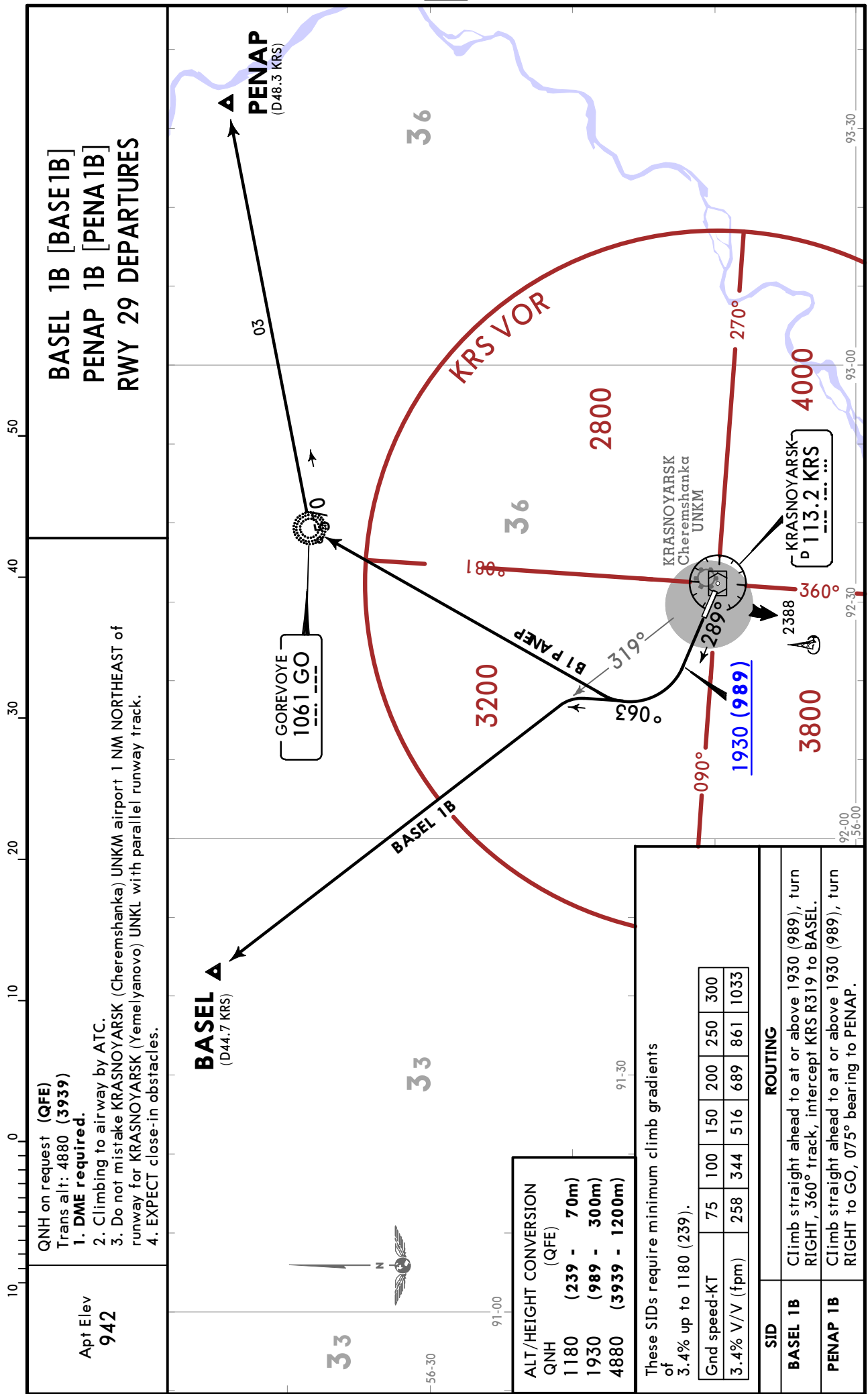


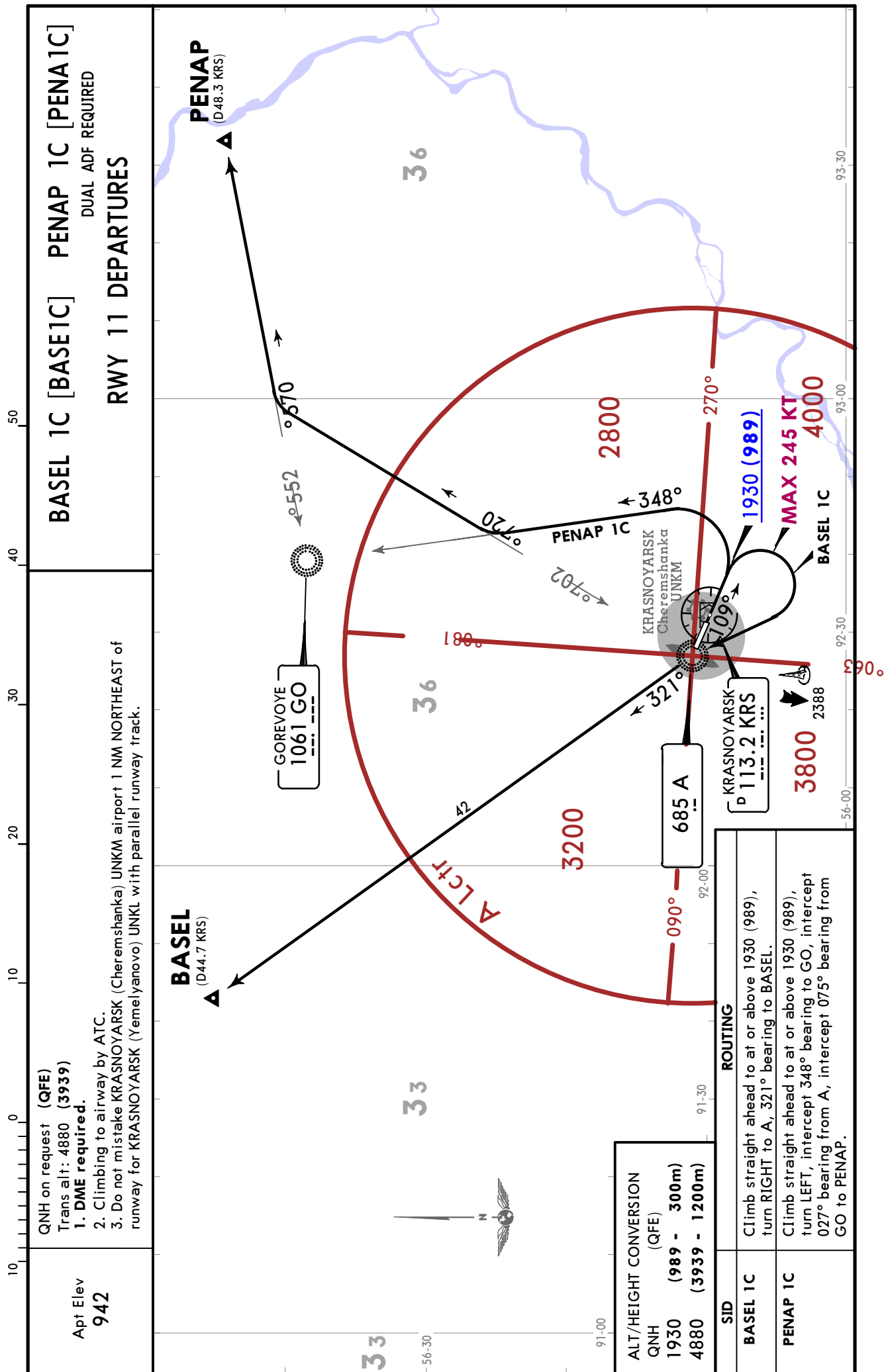
UNKL/KJA
YEMELYANOVO

JEPPESEN
26 JAN 18 10-3G Eff 1 Feb

KRASNOYARSK, RUSSIA

SID



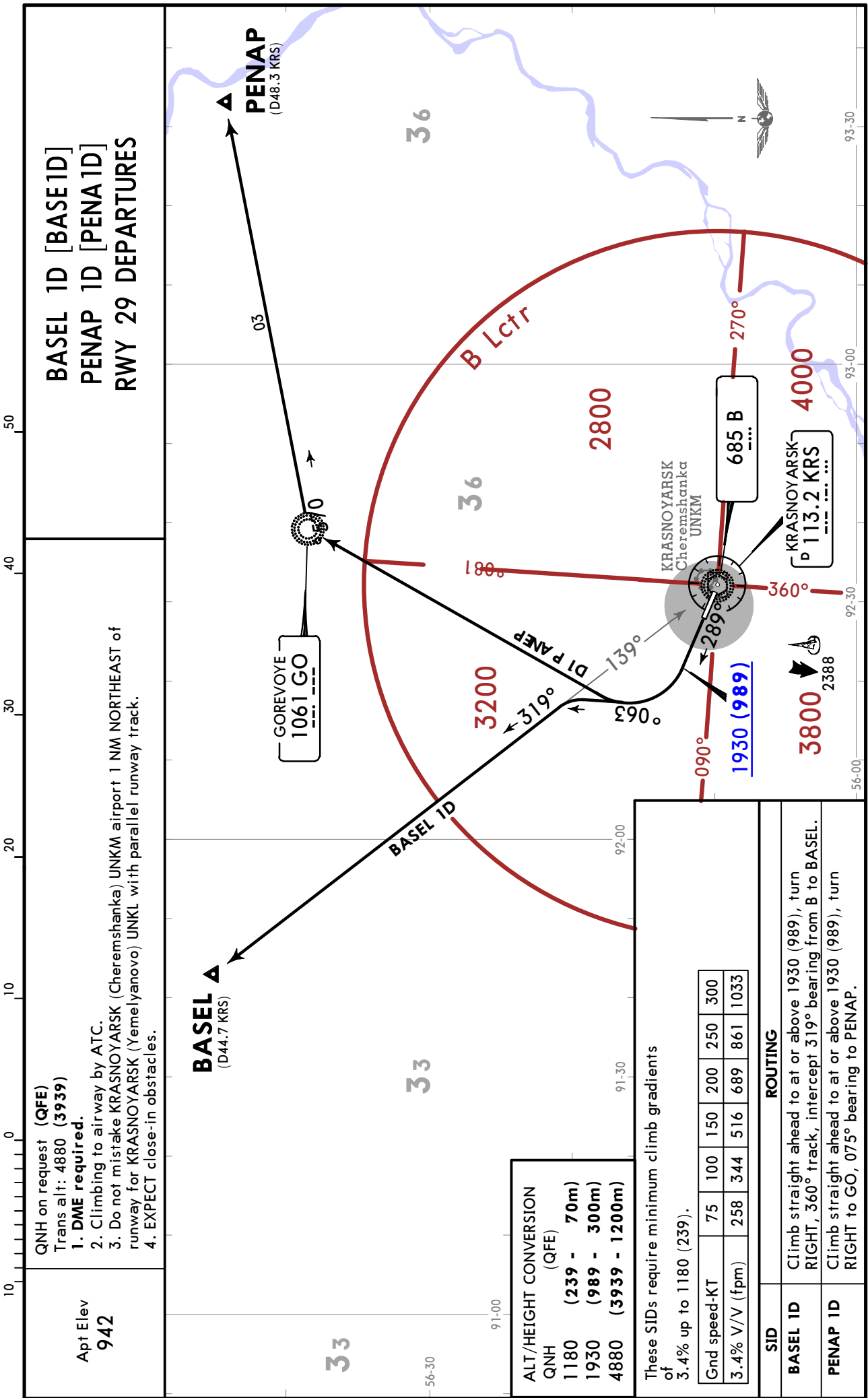


UNKL/KJA
YEMELYANOVO

JEPPESEN
26 JAN 18 10-3J Eff 1 Feb

KRASNOYARSK, RUSSIA

SID



UNKL/KJA
YEMELYANOVO

JEPPESEN
26 JAN 18 **10-3K** **Eff 1 Feb**

KRASNOYARSK, RUSSIA
SID

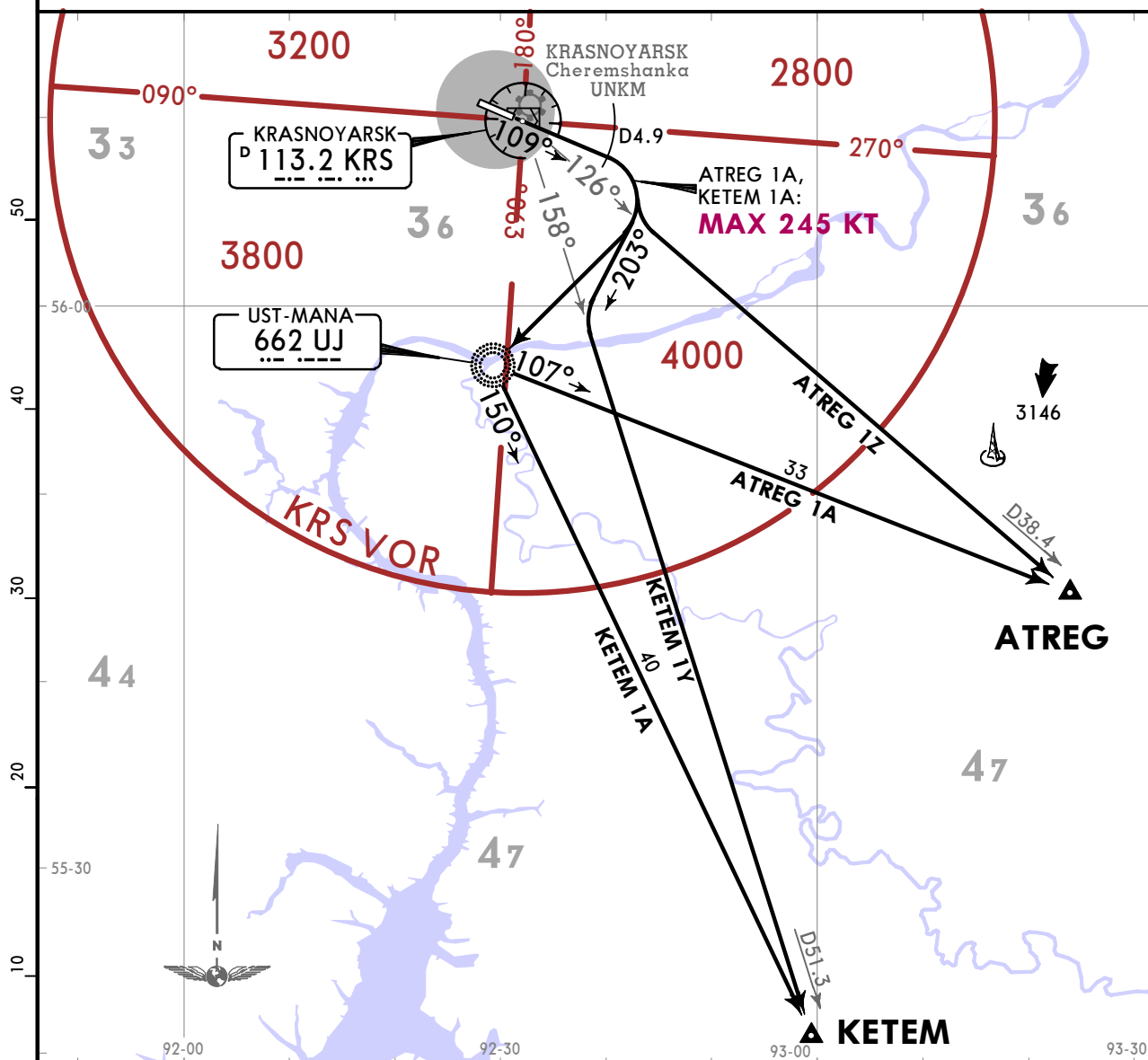
Apt Elev
942

QNH on request (QFE)
Trans alt: 4880 (3939)
1. **DME required.**
2. Climbing to airway by ATC.
3. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.

ATREG 1A [ATRE1A]
KETEM 1A [KETE1A]

ATREG 1Z [ATRE1Z]
KETEM 1Y [KETE1Y]
BY ATC

RWY 11 DEPARTURES



These SIDs require minimum climb gradients of

ATREG 1A: 3.7% up to FL60 due to airspace limitation.

KETEM 1A: 3.6% up to FL60 due to airspace limitation.

ATREG 1Z, KETEM 1Y: 4.6% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.6% V/V (fpm)	273	365	547	729	911	1094
3.7% V/V (fpm)	281	375	562	749	937	1124
4.6% V/V (fpm)	349	466	699	932	1165	1397

ALT/HEIGHT CONVERSION
QNH (QFE)
4880 (3939 - 1200m)

SID	ROUTING
ATREG 1A	Climb straight ahead to D4.9 KRS, turn RIGHT to UJ, 107° bearing to ATREG.
ATREG 1Z	Climb straight ahead to D4.9 KRS, turn RIGHT, intercept KRS R126 to ATREG.
KETEM 1A	Climb straight ahead to D4.9 KRS, turn RIGHT to UJ, 150° bearing to KETEM.
KETEM 1Y	Climb straight ahead to D4.9 KRS, turn RIGHT 203° track, intercept KRS R158 to KETEM.

UNKL/KJA
YEMELYANOVO

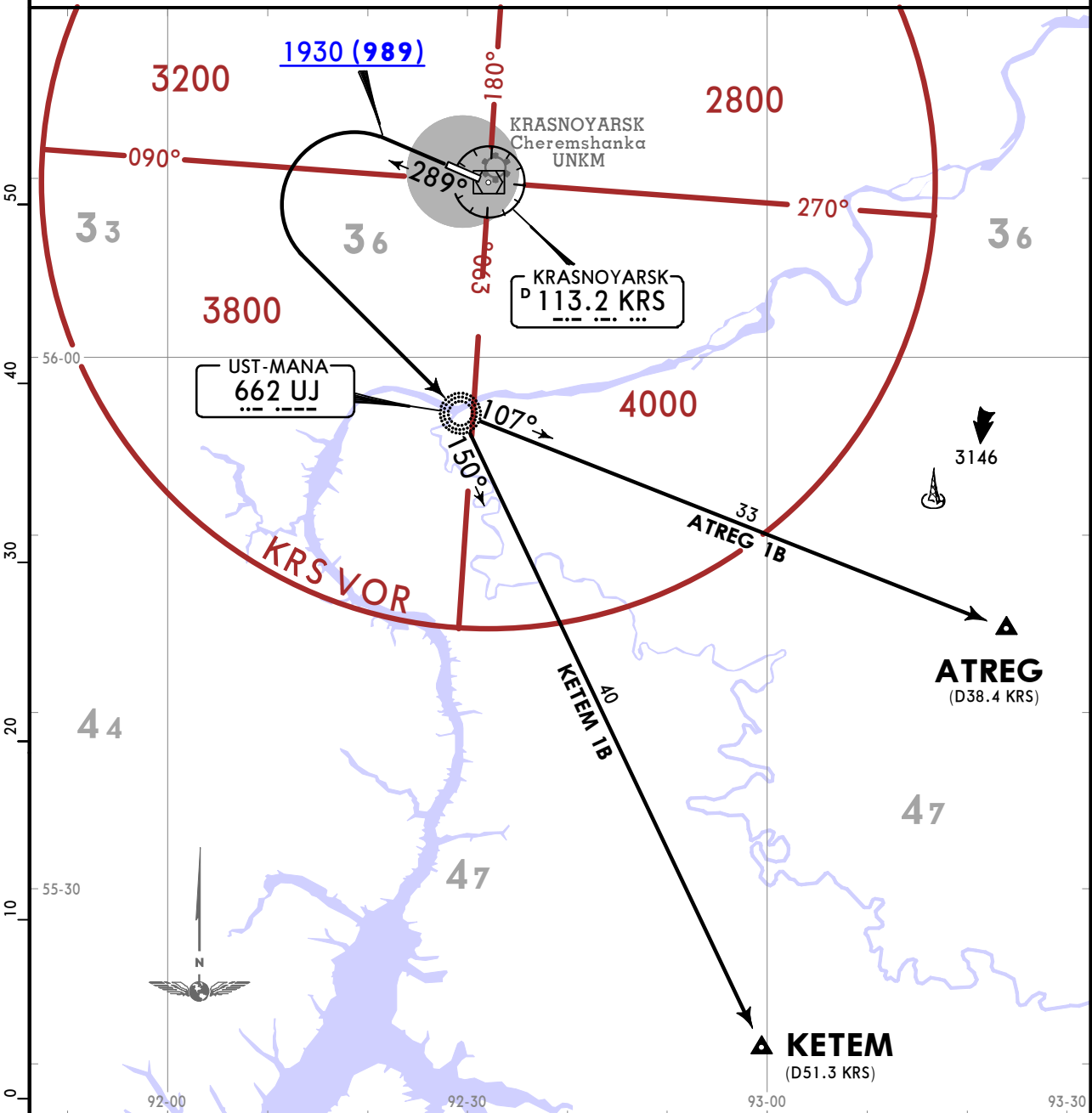
JEPPESEN
26 JAN 18 10-3L Eff 1 Feb

KRASNOYARSK, RUSSIA
SID

Apt Elev
942

- QNH on request (QFE)
Trans alt: 4880 (3939)
1. **DME required.**
2. Climbing to airway by ATC.
3. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.
4. EXPECT close-in obstacles.

ATREG 1B [ATRE1B]
KETEM 1B [KETE1B]
RWY 29 DEPARTURES



These SIDs require minimum climb gradients of
3.4% up to 1180 (239),
4.0% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.4% V/V (fpm)	258	344	516	689	861	1033
4.0% V/V (fpm)	304	405	608	810	1013	1215

ALT/HEIGHT CONVERSION	
QNH (QFE)	
1180 (239 - 70m)	
1930 (989 - 300m)	
4880 (3939 - 1200m)	

SID	ROUTING
ATREG 1B	Climb straight ahead to at or above 1930 (989), turn LEFT to UJ, 107° bearing to ATREG.
KETEM 1B	Climb straight ahead to at or above 1930 (989), turn LEFT to UJ, 150° bearing to KETEM.

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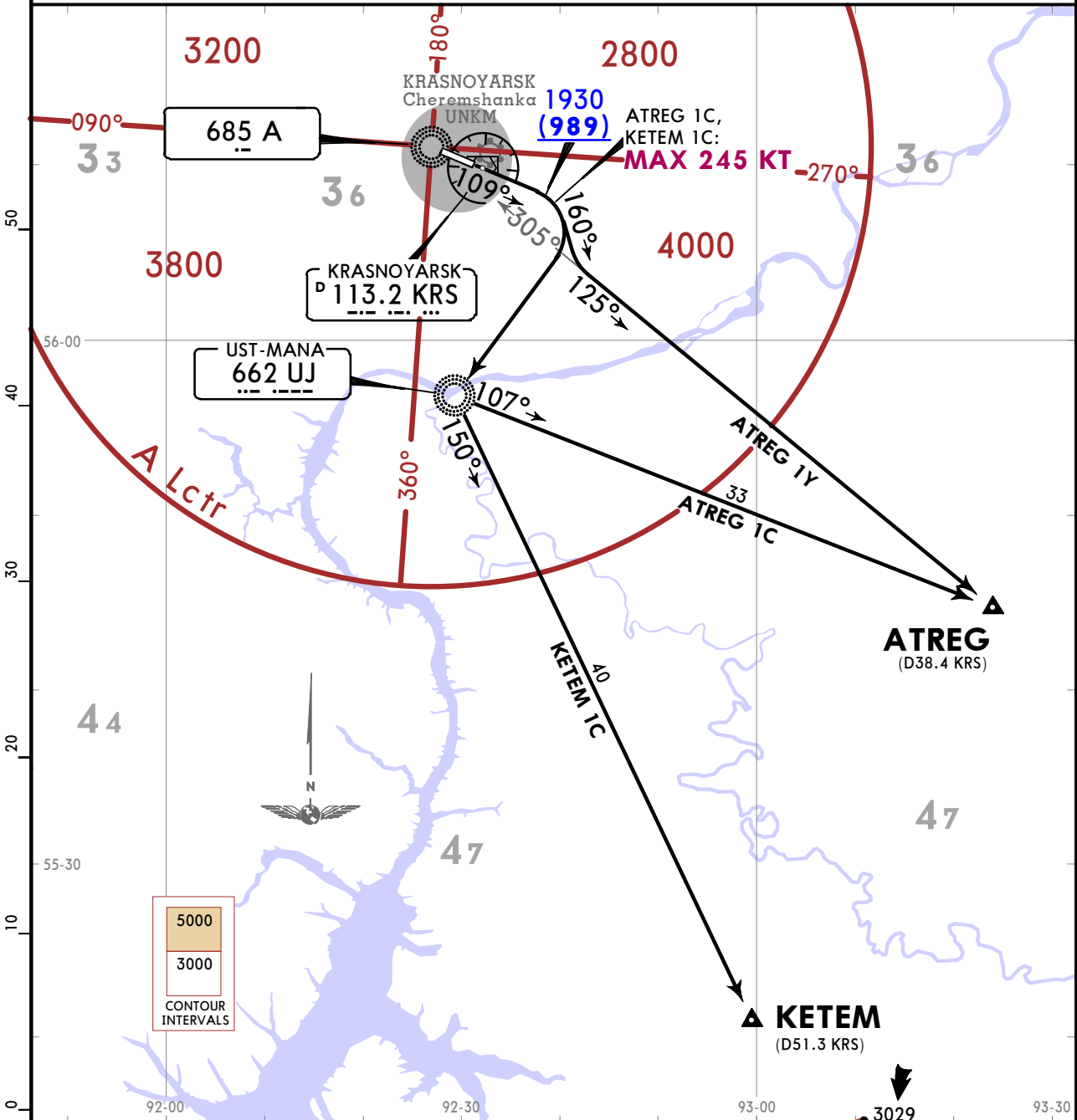
JEPPESEN
26 JAN 18 10-3M Eff 1 Feb

KRASNOYARSK, RUSSIA
SID

Apt Elev
942

QNH on request (QFE)
Trans alt: 4880 (3939)
1. DME required.
2. Climbing to airway by ATC.
3. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST
of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.

ATREG 1C [ATRE1C] ATREG 1Y [ATRE1Y]
KETEM 1C [KETE1C] BY ATC
RWY 11 DEPARTURES



These SIDs require a minimum climb gradient
of
4.2% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
4.2% V/V (fpm)	319	425	638	851	1063	1276

ALT/HEIGHT CONVERSION
QNH (QFE)
1930 (989 - 300m)
4880 (3939 - 1200m)

SID	ROUTING
ATREG 1C	Climb straight ahead to at or above 1930 (989), turn RIGHT to UJ, 107° bearing to ATREG.
ATREG 1Y	Climb straight ahead to at or above 1930 (989), turn RIGHT, 160° track, intercept 125° bearing from A to ATREG.
KETEM 1C	Climb straight ahead to at or above 1930 (989), turn RIGHT to UJ, 150° bearing to KETEM.

UNKL/KJA
YEMELYANOVO

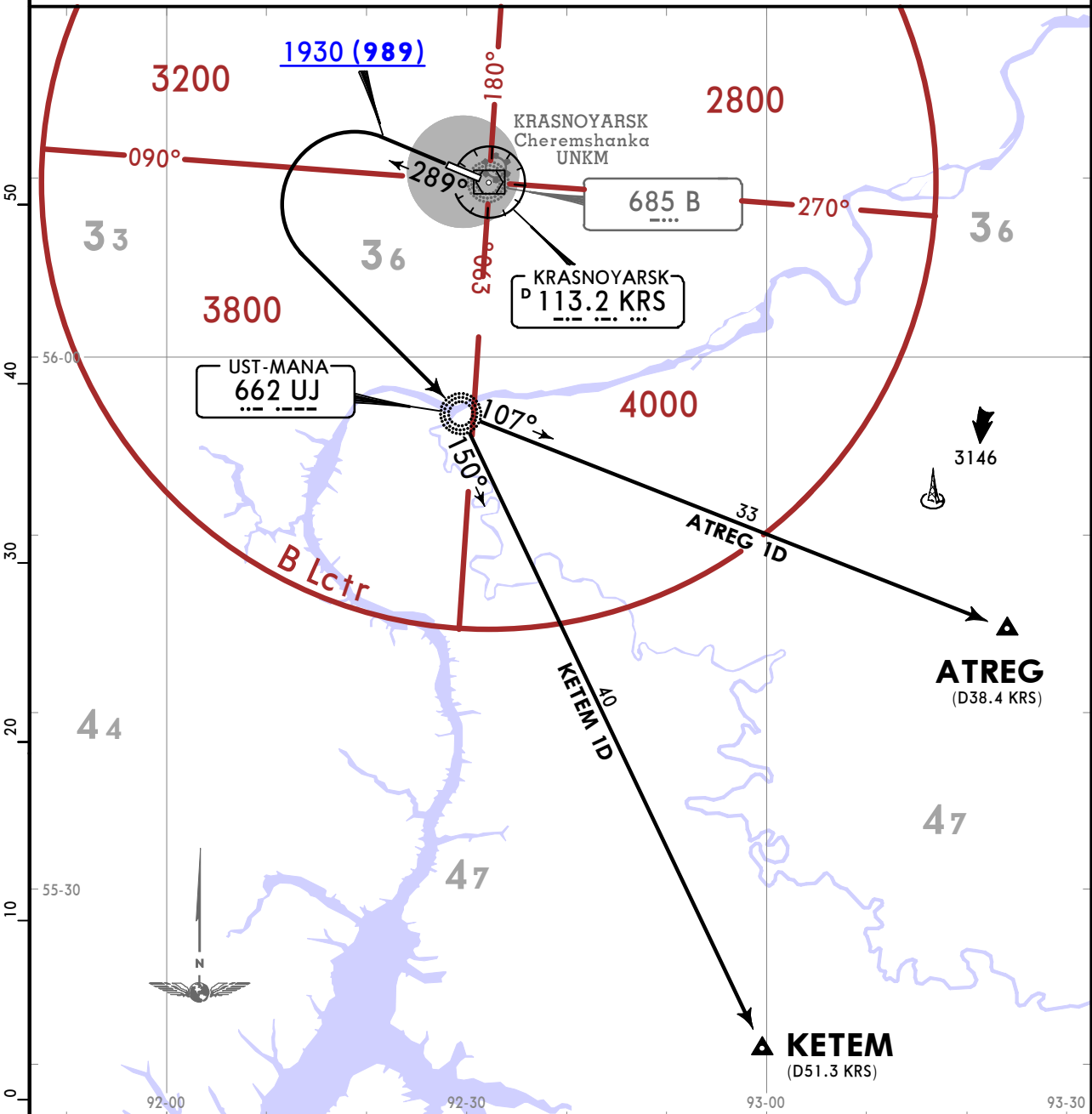
JEPPESEN
26 JAN 18 10-3N Eff 1 Feb

KRASNOYARSK, RUSSIA
SID

Apt Elev
942

- QNH on request (QFE)
Trans alt: 4880 (3939)
1. **DME required.**
2. Climbing to airway by ATC.
3. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.
4. EXPECT close-in obstacles.

ATREG 1D [ATRE1D]
KETEM 1D [KETE1D]
RWY 29 DEPARTURES



These SIDs require minimum climb gradients of
3.4% up to 1180 (239),
4.0% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.4% V/V (fpm)	258	344	516	689	861	1033
4.0% V/V (fpm)	304	405	608	810	1013	1215

ALT/HEIGHT CONVERSION	QNH	(QFE)
1180	(239 - 70m)	
1930	(989 - 300m)	
4880	(3939 - 1200m)	

SID	ROUTING
ATREG 1D	Climb straight ahead to at or above 1930 (989), turn LEFT to UJ, 107° bearing to ATREG.
KETEM 1D	Climb straight ahead to at or above 1930 (989), turn LEFT to UJ, 150° bearing to KETEM.

UNKL/KJA
YEMELYANOVO

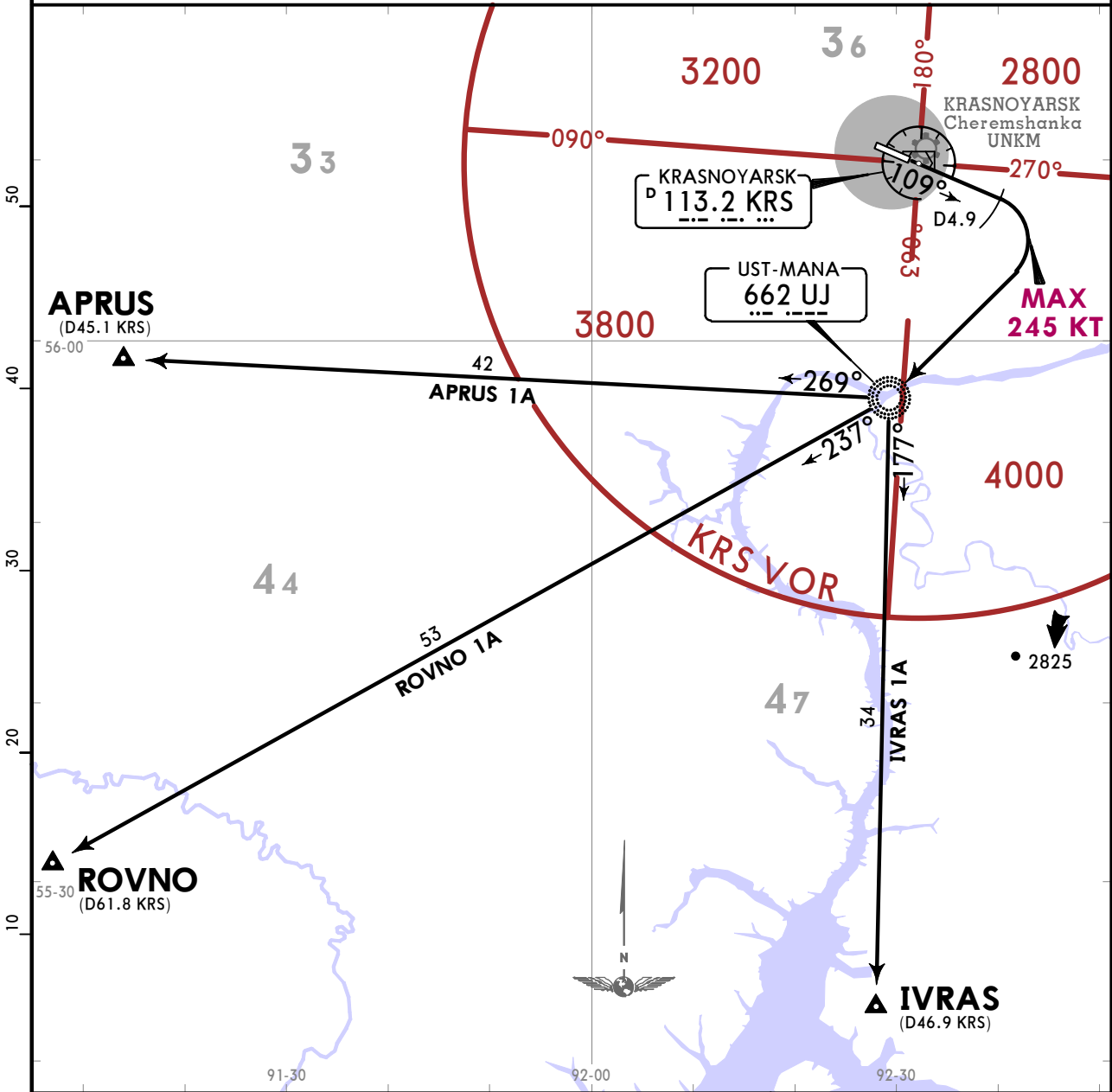
JEPPESEN
26 JAN 18 10-3P Eff 1 Feb

KRASNOYARSK, RUSSIA
SID

Apt Elev
942

- QNH on request (QFE)
Trans alt: 4880 (3939)
1. DME required.
2. Climbing to airway by ATC.
3. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.

APRUS 1A [APRU1A]
IVRAS 1A [IVRA1A]
ROVNO 1A [ROVN1A]
RWY 11 DEPARTURES



These SIDs require minimum climb gradients of
APRUS 1A: 3.6% up to FL60 due to airspace limitation.
IVRAS 1A, ROVNO 1A: 3.7% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.6% V/V (fpm)	273	365	547	729	911	1094
3.7% V/V (fpm)	281	375	562	749	937	1124

ALT/HEIGHT CONVERSION
QNH (QFE)
4880 (3939 - 1200m)

SID	ROUTING
APRUS 1A	Climb straight ahead to D4.9 KRS, turn RIGHT to UJ, 269° bearing to APRUS.
IVRAS 1A	Climb straight ahead to D4.9 KRS, turn RIGHT to UJ, 177° bearing to IVRAS.
ROVNO 1A	Climb straight ahead to D4.9 KRS, turn RIGHT to UJ, 237° bearing to ROVNO.

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26 JAN 18 10-3Q Eff 1 Feb

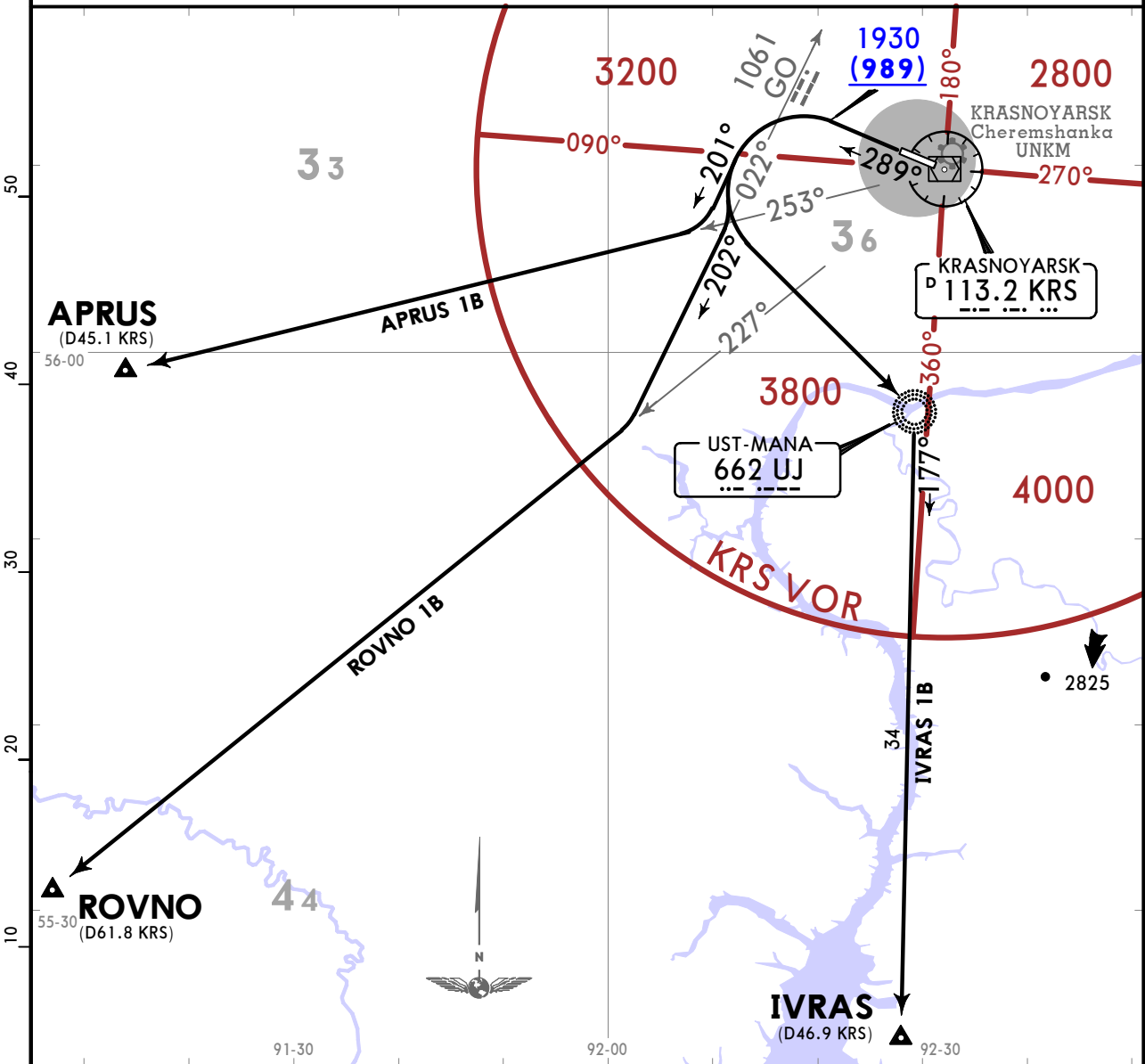
KRASNOYARSK, RUSSIA
SID

Apt Elev 942

QNH on request (QFE)
Trans alt: 4880 (3939)

1. DME required.
2. Climbing to airway by ATC.
3. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.
4. EXPECT close-in obstacles.

APRUS 1B [APRU1B]
IVRAS 1B [IVRA1B]
ROVNO 1B [ROVN1B]
RWY 29 DEPARTURES



These SIDs require minimum climb gradients of

of
APRUS 1B, ROVNO 1B: 3.4%
IVRAS 1B: 3.4% up to 1180 (239),
4.0% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.4% V/V (fpm)	258	344	516	689	861	1033
4.0% V/V (fpm)	304	405	608	810	1013	1215

ALT/HEIGHT CONVERSION		
QNH	(QFE)	
1180	(239 - 70m)	
1930	(989 - 300m)	
4880	(3939 - 1200m)	

SID	ROUTING
APRUS 1B	Climb straight ahead to at or above 1930 (989), turn LEFT, 201° track, intercept KRS R253 to APRUS.
IVRAS 1B	Climb straight ahead to at or above 1930 (989), turn LEFT to UJ, 177° bearing to IVRAS.
ROVNO 1B	Climb straight ahead to at or above 1930 (989), turn LEFT, intercept 202° bearing from 1061 GO, intercept KRS R227 to ROVNO.

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YEMELYANOVO

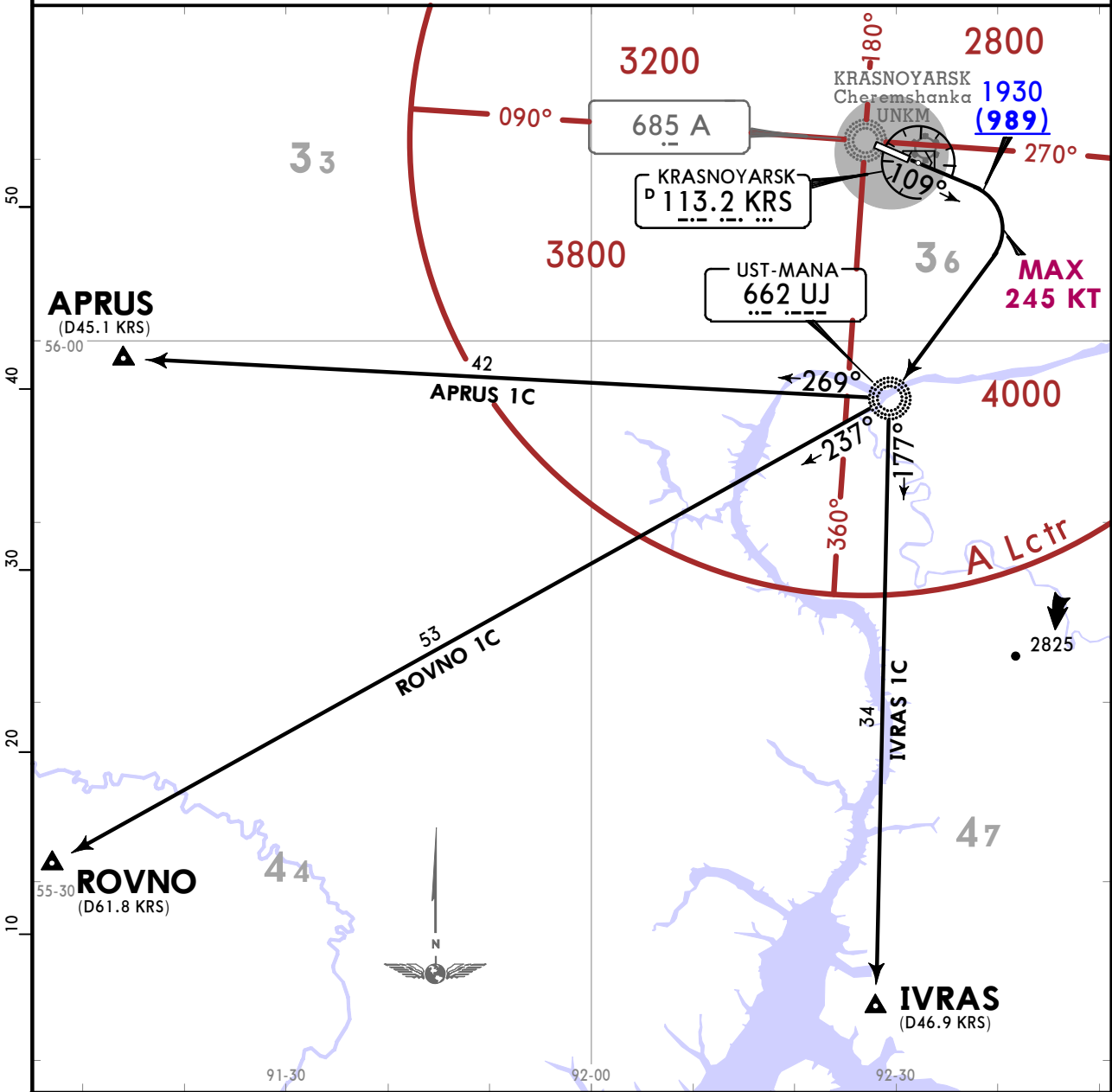
JEPPESEN
26 JAN 18 10-35 Eff 1 Feb

KRASNOYARSK, RUSSIA
SID

Apt Elev
942

- QNH on request (QFE)
Trans alt: 4880 (3939)
1. DME required.
2. Climbing to airway by ATC.
3. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.

APRUS 1C [APRU1C]
IVRAS 1C [IVRA1C]
ROVNO 1C [ROVN1C]
RWY 11 DEPARTURES



These SIDs require minimum climb gradients of
APRUS 1C, ROVNO 1C: 3.7% up to FL60 due to airspace limitation.
IVRAS 1C: 4.2% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.7% V/V (fpm)	281	375	562	749	937	1124
4.2% V/V (fpm)	319	425	638	851	1063	1276

ALT/HEIGHT CONVERSION
QNH (QFE)
1930 (989 - 300m)
4880 (3939 - 1200m)

SID	ROUTING
APRUS 1C	Climb straight ahead to at or above 1930 (989), turn RIGHT to UJ, 269° bearing to APRUS.
IVRAS 1C	Climb straight ahead to at or above 1930 (989), turn RIGHT to UJ, 177° bearing to IVRAS.
ROVNO 1C	Climb straight ahead to at or above 1930 (989), turn RIGHT to UJ, 237° bearing to ROVNO.

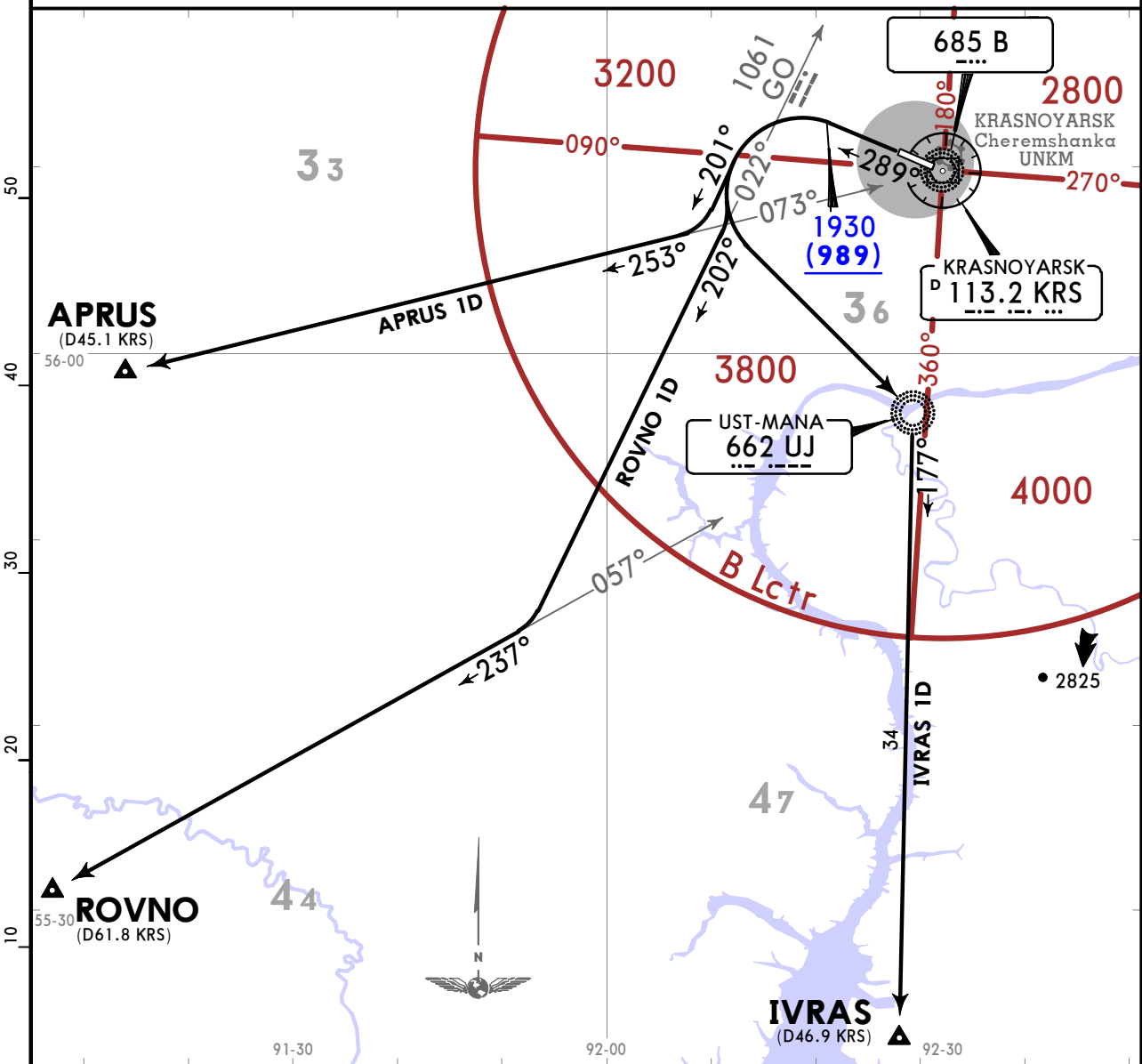
UNKL/KJA
YEMELYANOVO

JEPPESSEN
26 JAN 18 10-3T Eff 1 Feb

KRASNOYARSK, RUSSIA
SID

Apt Elev 942
QNH on request (QFE)
Trans alt: 4880 (3939)
1. DME required.
2. Climbing to airway by ATC.
3. Do not mistake KRASNOYARSK (Cheremshanka) UNKM airport 1 NM NORTHEAST of runway for KRASNOYARSK (Yemelyanovo) UNKL with parallel runway track.
4. EXPECT close-in obstacles.

APRUS 1D [APRU1D] ROVNO 1D [ROVN1D]
IVRAS 1D [IVRA1D] DUAL ADF REQUIRED
RWY 29 DEPARTURES



These SIDs require minimum climb gradients of
of
APRUS 1D: 3.4% up to 1180 (239).
IVRAS 1D, ROVNO 1D: 3.4% up to 1180 (239),
4.0% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.4% V/V (fpm)	258	344	516	689	861	1033
4.0% V/V (fpm)	304	405	608	810	1013	1215

ALT/HEIGHT CONVERSION	
QNH	(QFE)
1180	(239 - 70m)
1930	(989 - 300m)
4880	(3939 - 1200m)

SID	ROUTING
APRUS 1D	Climb straight ahead to at or above 1930 (989), turn LEFT, 201° track, intercept 253° bearing from B to APRUS.
IVRAS 1D	Climb straight ahead to at or above 1930 (989), turn LEFT to UJ, 177° bearing to IVRAS.
ROVNO 1D	Climb straight ahead to at or above 1930 (989), turn LEFT, intercept 202° bearing from 1061 GO, intercept 237° bearing from UJ to ROVNO.

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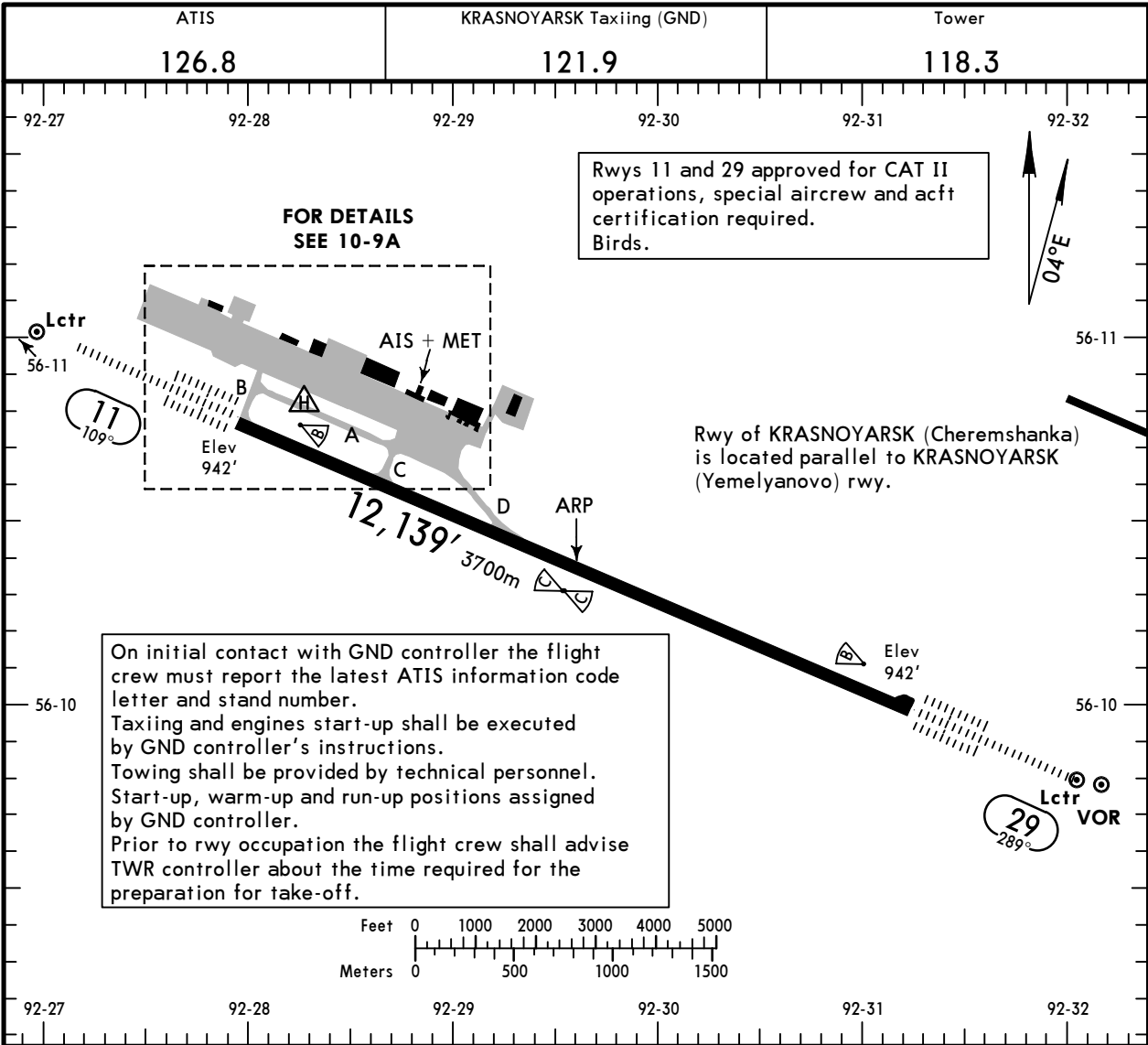
Apt Elev **942'**
N56 10.4 E092 29.6

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8 MAR 19 **(10-9)**

KRASNOYARSK, RUSSIA

YEMELYANOVO



ADDITIONAL RUNWAY INFORMATION						
RWY					USABLE LENGTHS	
					LANDING BEYOND	
					Threshold	TAKE-OFF
11	HIRL (60m) CL (15m) HIALS-II TDZ ①	RVR				
29						

① PAPI-L (angle 3.0°)	
② TAKE-OFF RUN AVAILABLE	
RWY 11:	RWY 29:
From runway head 12,139' (3700m)	From runway head 12,139' (3700m)
twy C int 9186' (2800m)	twy D int 5249' (1600m)
twy D int 6890' (2100m)	twy C int 2953' (900m)

TAKE-OFF		
AIR CARRIER (JAA)		
All Rws		
	LVP must be in force	
	RL & CL	RCLM (DAY only) or RL
A		
B	200m (150m)	250m
C		
D	250m (200m)	300m

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 **JEPPESSEN**

8 MAR 19

10-9A

KRASNOYARSK, RUSSIA

YEMELYANOVO

LOW VISIBILITY PROCEDURES (LVP)

GENERAL

When RVR values are 600m or less ATS unit shall include the following message into ATIS broadcast or advise the flight crew: "Low visibility procedures are in progress, check your minimum".

After landing the flight crew shall choose the nearest suitable TWY for the runway vacated, or as directed.

"Krasnoyarsk-Krug" controller shall establish intervals between Acft for providing ILS signal accuracy on final approach.

When conditions do not conform to the appropriate aerodrome operating minimum, landing (take-off) carried out by a decision of the pilot-in-command.

The responsibility for the unsanctioned incursion onto the runway and non-adherence to the assigned taxi routes on the manoeuvring area placed on the flight crew.

The following is prohibited during LVP validity:

- take-off not from Rwy extremity;
- take-off without stop at the line-up position after Acft enter the Rwy.

CRITERIA FOR COMMENCEMENT AND CEASING OF LVP OPERATION

Putting into operation of LVP:

- RVR value is less than 600m at least at one of three points of visibility measurement.

Ceasing of LVP:

- RVR value is more than 600m.

ARRIVAL OF ACFT UNDER LOW VISIBILITY CONDITIONS

The flight crew shall report the runway vacated to Tower controller only after acft crosses boundary of edge aerodrome signs or yellow taxiway markers, that indicates vacated of ILS critical area.

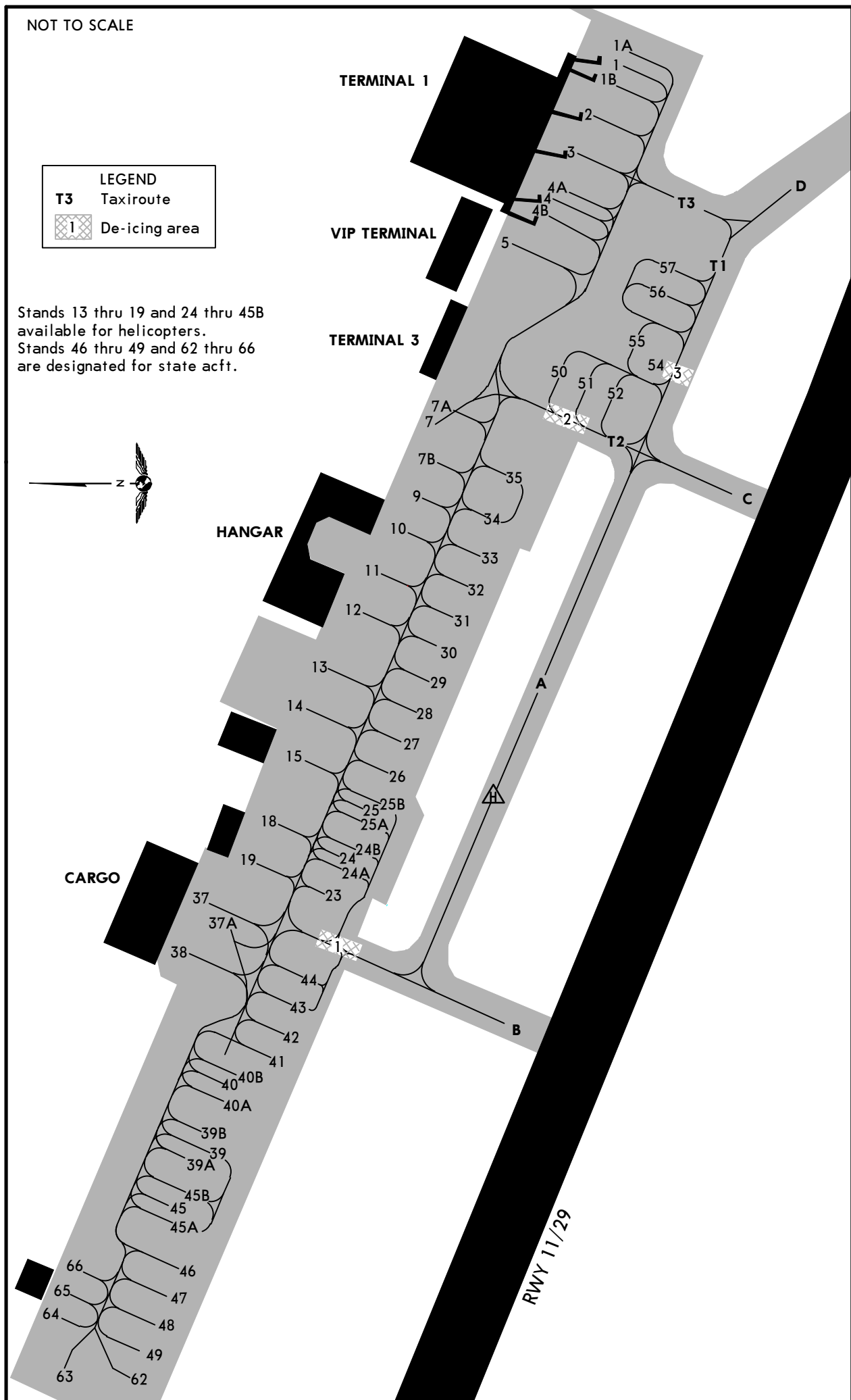
The aircraft must vacate ILS critical area as fast as possible.

The flight crew shall report acft parking onto the stand to "Krasnoyarsk-Taxiing" using the following phraseology: "Call sign on Acft, onto stand...".

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JEPPesen
8 MAR 19 10-9B

KRASNOYARSK, RUSSIA
YEMELYANOVO



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KRASNOYARSK, RUSSIA
YEMELYANOVO

INS COORDINATES			
STAND No.	COORDINATES	STAND No.	COORDINATES
1, 1A	N56 10.7 E092 29.3	34, 35	N56 10.8 E092 28.7
1B	N56 10.7 E092 29.2	37	N56 11.0 E092 28.1
2	N56 10.8 E092 29.2	38	N56 11.0 E092 28.0
3 thru 4A	N56 10.8 E092 29.1	39	N56 11.0 E092 27.8
4B, 5	N56 10.8 E092 29.0	40, 41	N56 11.0 E092 27.9
10, 11	N56 10.9 E092 28.6	42 thru 44	N56 11.0 E092 28.0
12	N56 10.9 E092 28.5	45	N56 11.1 E092 27.8
13, 14	N56 10.9 E092 28.4	50, 51	N56 10.8 E092 28.8
15	N56 10.9 E092 28.3	52	N56 10.7 E092 28.8
18, 19	N56 11.0 E092 28.2	54 thru 56	N56 10.7 E092 28.9
24 thru 24B	N56 10.9 E092 28.2	57	N56 10.7 E092 29.0
25 thru 26	N56 10.9 E092 28.3		
27 thru 29	N56 10.9 E092 28.4		
30, 31	N56 10.9 E092 28.5		
32, 33	N56 10.8 E092 28.6		

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21 DEC 18

10-9S

Eff 3 Jan

Standard
KRASNOYARSK, RUSSIA
YEMELYANOVO

STRAIGHT-IN RWY		A	B	C	D
11	CAT 2 ILS Z or Y	1041'(100') R100' R300m	1046'(105') R105' R300m	1060'(119') R118' R300m	1073'(132') R130' R400m
	ILS Z or Y	1141'(200')	1148'(207')	1158'(217')	1168'(227')
	FULL	R550m	R550m	R550m	R550m
	TDZ or CL out	① R550m	① R550m	① R550m	① R550m
	ALS out	R1200m	R1200m	R1200m	R1200m
	GLS	1141'(200')	1148'(207')	1158'(217')	1168'(227')
	FULL	R550m	R550m	R550m	R550m
	TDZ or CL out	① R550m	① R550m	① R550m	① R550m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	② RNAV(GNSS)	1500'(559') R1500m	1500'(559') R1500m	1500'(559') R1800m	1500'(559') R1800m
	ALS out	R1500m	R1500m	R2400m	R2400m
	② VOR	1660'(719') R1500m	1660'(719') R1500m	1660'(719') R2400m	1660'(719') R2400m
	② NDB Z	1650'(709') R1500m	1650'(709') R1500m	1650'(709') R2400m	1650'(709') R2400m
	② NDB Y	1840'(899') R1500m	1840'(899') R1500m	1840'(899') R2400m	1840'(899') R2400m
	NDB Y	1840'(899') R3500m	1840'(899') R3500m	1840'(899') R3700m	1840'(899') R3700m
	ALS out	R4200m	R4200m	R4400m	R4400m

- ① W/o HUD/AP/FD: R750m.
② Continuous Descent Final Approach.

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 **JEPPESSEN**

21 DEC 18

(10-9S1)
Eff 3 Jan
Standard
KRASNOYARSK, RUSSIA
YEMELYANOVO

STRAIGHT-IN RWY		A	B	C	D
29	CAT 2 ILS Z or Y	1041' (100') R99' R300m	1056' (115') R115' R300m	1069' (128') R130' R400m	1083' (142') R146' R450m
	ILS Z or Y	1141' (200') R550m	1141' (200') R550m	1155' (214') R550m	1165' (224') R550m
	FULL	① R550m	① R550m	① R550m	① R550m
	TDZ or CL out	R1200m	R1200m	R1200m	R1200m
	ALS out				
	GLS	1141' (200') R550m	1141' (200') R550m	1155' (214') R550m	1165' (224') R550m
	FULL	① R550m	① R550m	① R550m	① R550m
	TDZ or CL out	R1200m	R1200m	R1200m	R1200m
	ALS out				
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	② RNAV(GNSS)	1450' (509') R1500m	1450' (509') R1500m	1450' (509') R1600m	1450' (509') R1600m
	ALS out	R1500m	R1500m	R2400m	R2400m
	② VOR with D1.9	1380' (439') R1300m	1380' (439') R1300m	1380' (439') R1300m	1380' (439') R1300m
	ALS out	R1500m	R1500m	R2000m	R2000m

① W/o HUD/AP/FD: R750m.

② Continuous Descent Final Approach.

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
	③ 1730' (788') V1500m	③ 1830' (888') V1600m	③ 2090' (1148') V2400m	③ 2200' (1258') V3600m

③ or higher minimums of preceding straight-in approach

TAKE-OFF

	Low Visibility Take-off					
	HIRL, CL & relevant RVR	RL, CL & relevant RVR	RL & CL	Day: RL & RCLM Night: RL or CL	Day: RL or RCLM Night: RL or CL	Adequate vis ref (Day only)
A						
B	TDZ, MID, RO R125m	TDZ, MID, RO R150m	R200m	R300m	400m	500m
C						
D						

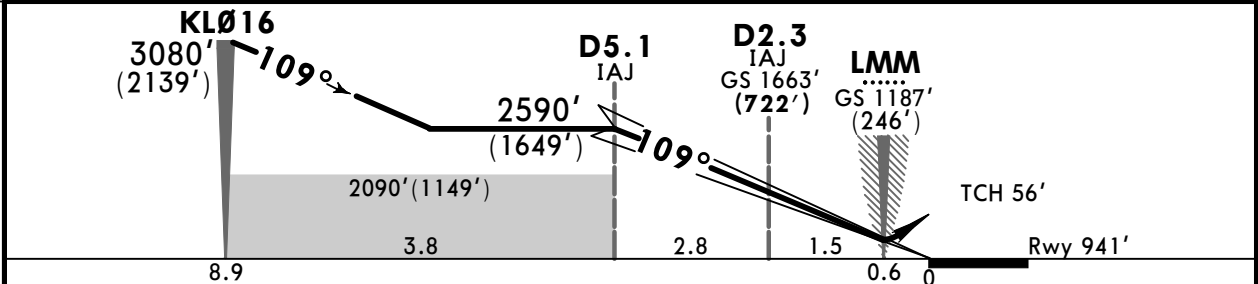
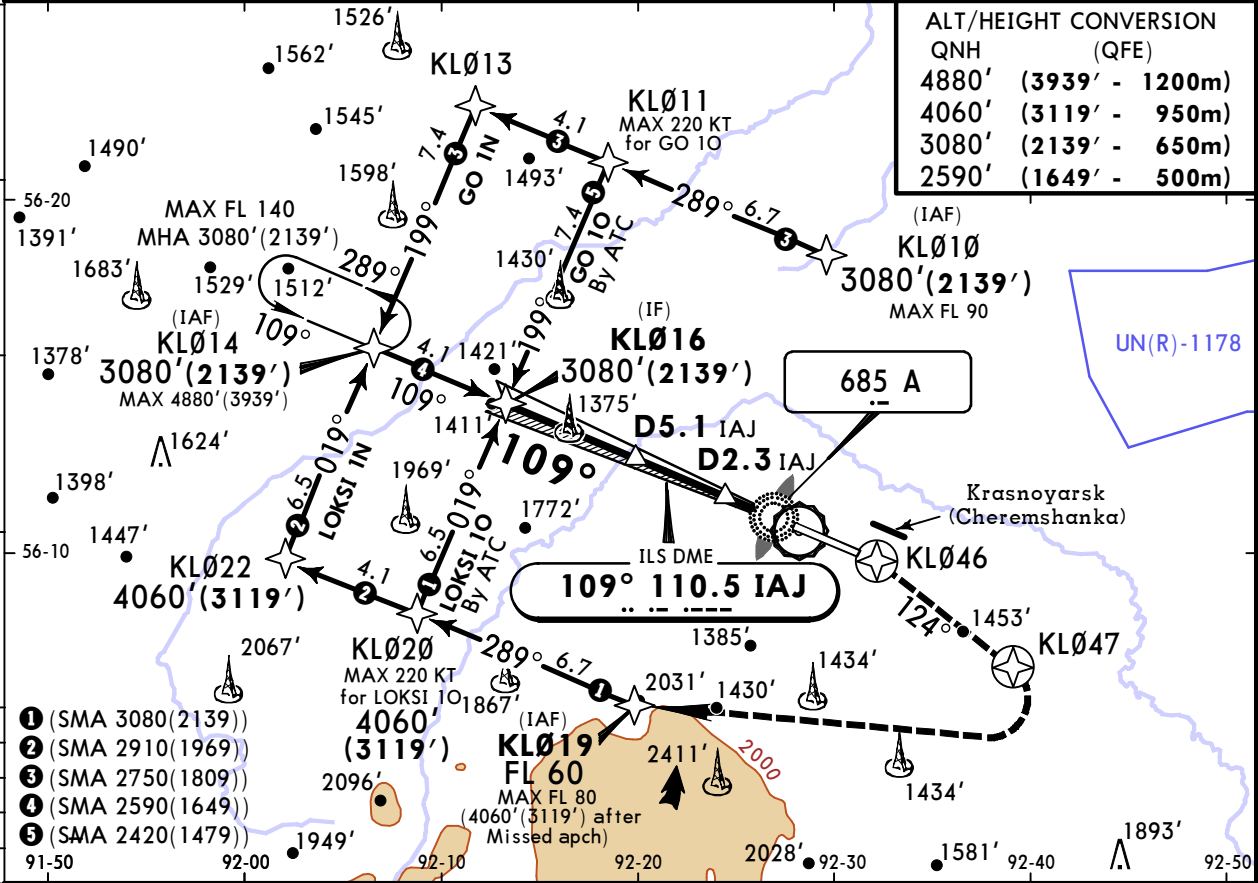
UNKL/KJA
YEMELYANOVO

JEPPESSEN
21 DEC 18 11-1 Eff 3 Jan

KRASNOYARSK, RUSSIA
ILS Z Rwy 11

ATIS	KRASNOYARSK Approach	KRASNOYARSK Krug (TWR)	KRASNOYARSK Tower	Ground
126.8	127.7	122.0	118.3	121.9
LOC IAJ	Final Apch Crs	GS D2.3 IAJ	ILS DA(H) Refer to Minimums	Apt Elev 942' Rwy 941'
110.5	109°	1663'(722')		
MISSED APCH: Climb STRAIGHT AHEAD to KL046, then turn RIGHT to KL047, then turn RIGHT to KL019 climbing to 4060'(3119') or above. MAX 220 KT.				4000 MSA ARP

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939')
1. GNSS required. 2. RNAV 1 required for initial, intermediate and missed approach. 3. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo).



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	KL046	KL047
GS	3.00°	372	478	531	637	743	PAPI	220 KT MAX	RT

STRAIGHT-IN LANDING RWY 11				CIRCLE-TO-LAND			
A:1141'(200') C:1158'(217')							
DA(H) B:1148'(207') D:1168'(227')							
FULL		TDZ or CL out		ALS out		Max Kts	MDA(H)
A						100	1730'(788') 1600m
B						135	1830'(888') 2000m
C		RVR 550m VIS 800m		RVR 720m VIS 800m		180	2090'(1148') 4800m
D				1200m		205	2200'(1258') 4800m

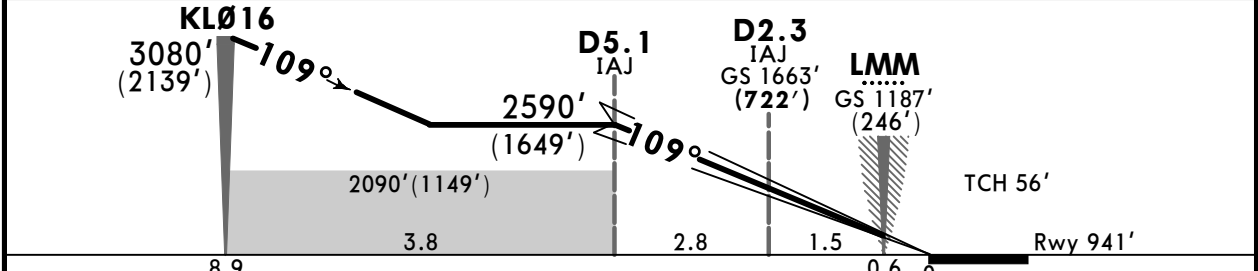
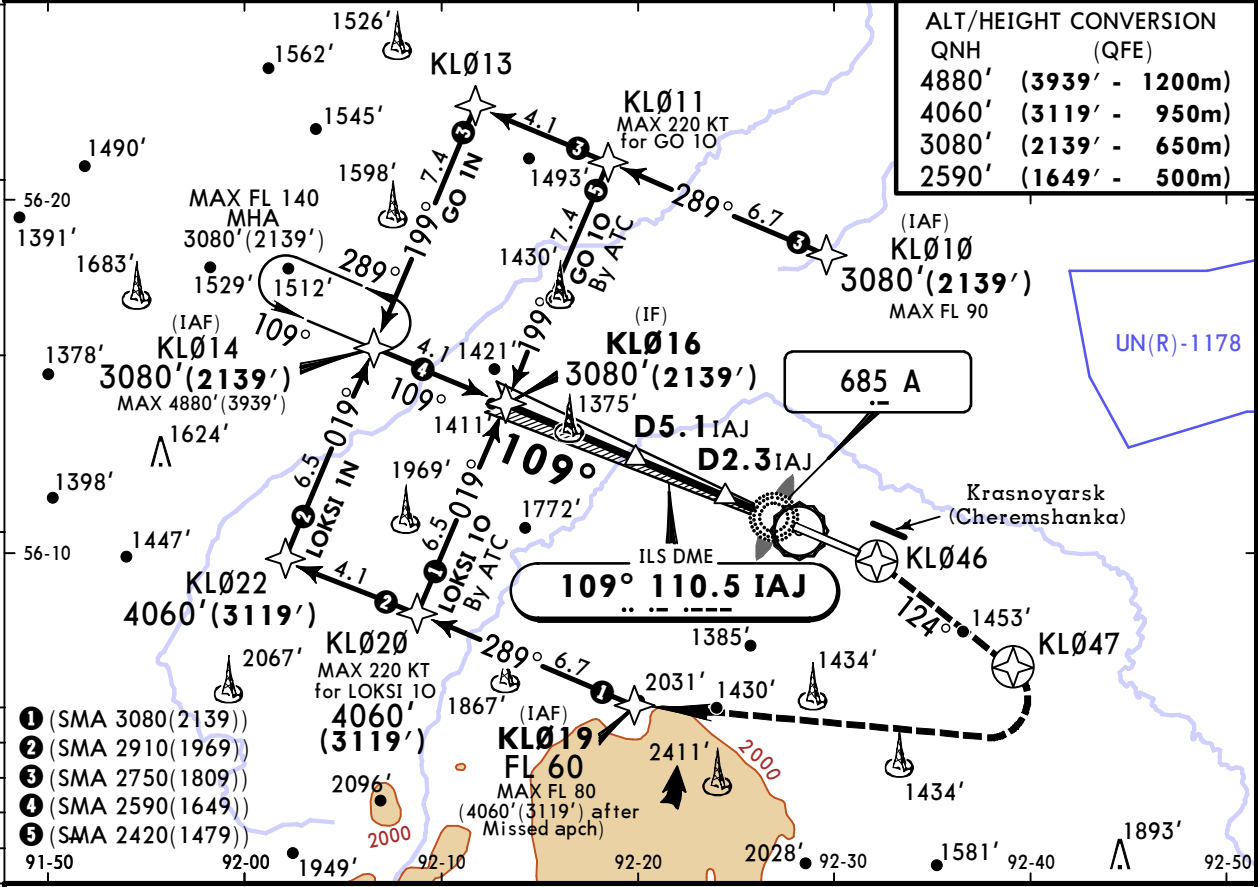
UNKL/KJA
YEMELYANOVO

JEPPESSEN
21 DEC 18 11-1A Eff 3 Jan

KRASNOYARSK, RUSSIA
CAT II ILS Z Rwy 11

ATIS	KRASNOYARSK Approach	KRASNOYARSK Krug (TWR)	KRASNOYARSK Tower	Ground
126.8	127.7	122.0	118.3	121.9
LOC IAJ 110.5	Final Apch Crs 109°	GS D2.3 IAJ 1663'(722')	CAT II ILS DA(H) Refer to Minimums	Apt Elev 942' Rwy 941'
MISSED APCH: Climb STRAIGHT AHEAD to KLØ46, then turn RIGHT to KLØ47, then turn RIGHT to KLØ19 climbing to 4060'(3119') or above. MAX 220 KT.				4000 MSA ARP

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939')
1. GNSS required. 2. RNAV 1 required for initial, intermediate and missed approach. 3. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo).



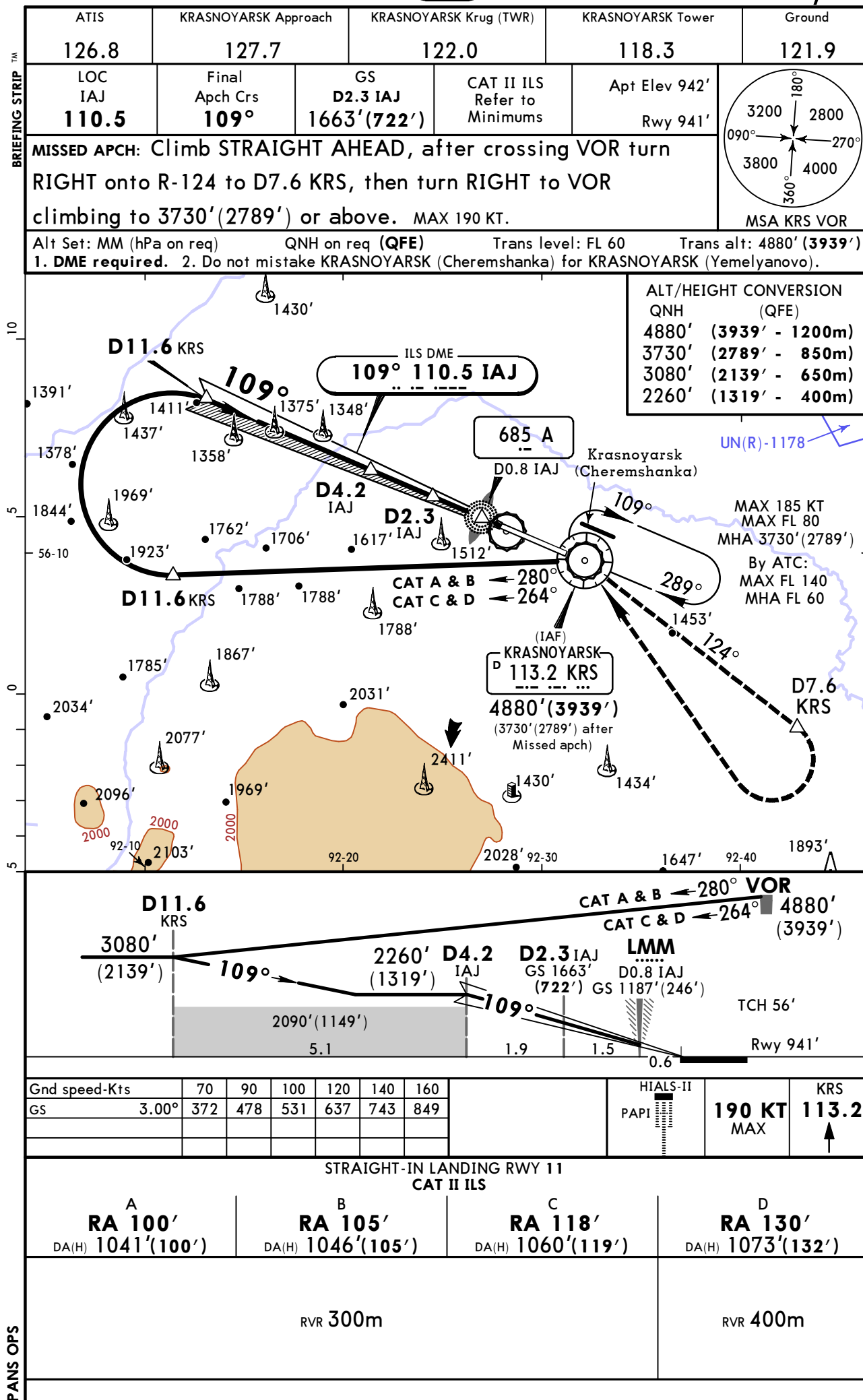
Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	220 KT MAX	KLØ46	KLØ47
GS	3.00°	372	478	531	637	743	PAPI		↑	RT

STRAIGHT-IN LANDING RWY 11 CAT II ILS			
A RA 100' DA(H) 1041'(100')	B RA 105' DA(H) 1046'(105')	C RA 118' DA(H) 1060'(119')	D RA 130' DA(H) 1073'(132')
RVR 300m		RVR 400m	

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YEMELYANOVO

JEPPESSEN
8 MAR 19 **(11-2A)**

KRASNOYARSK, RUSSIA
CAT II ILS Y Rwy 11



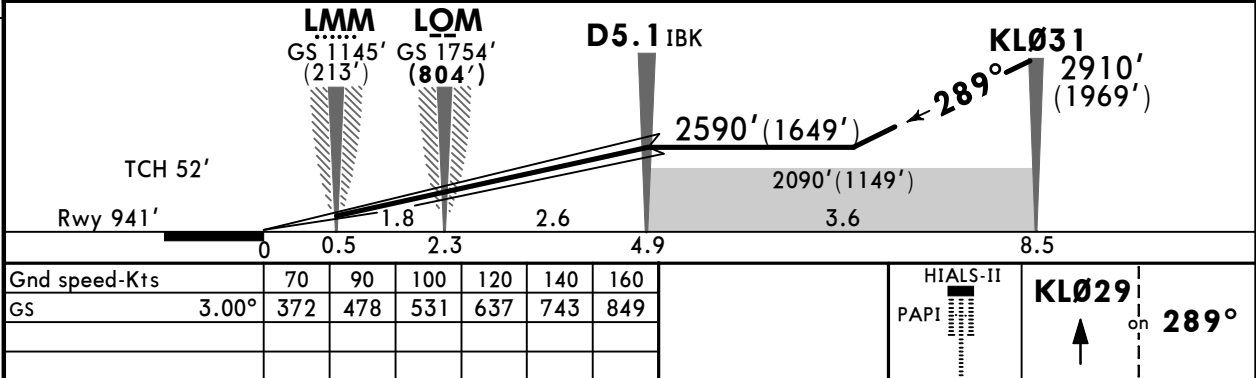
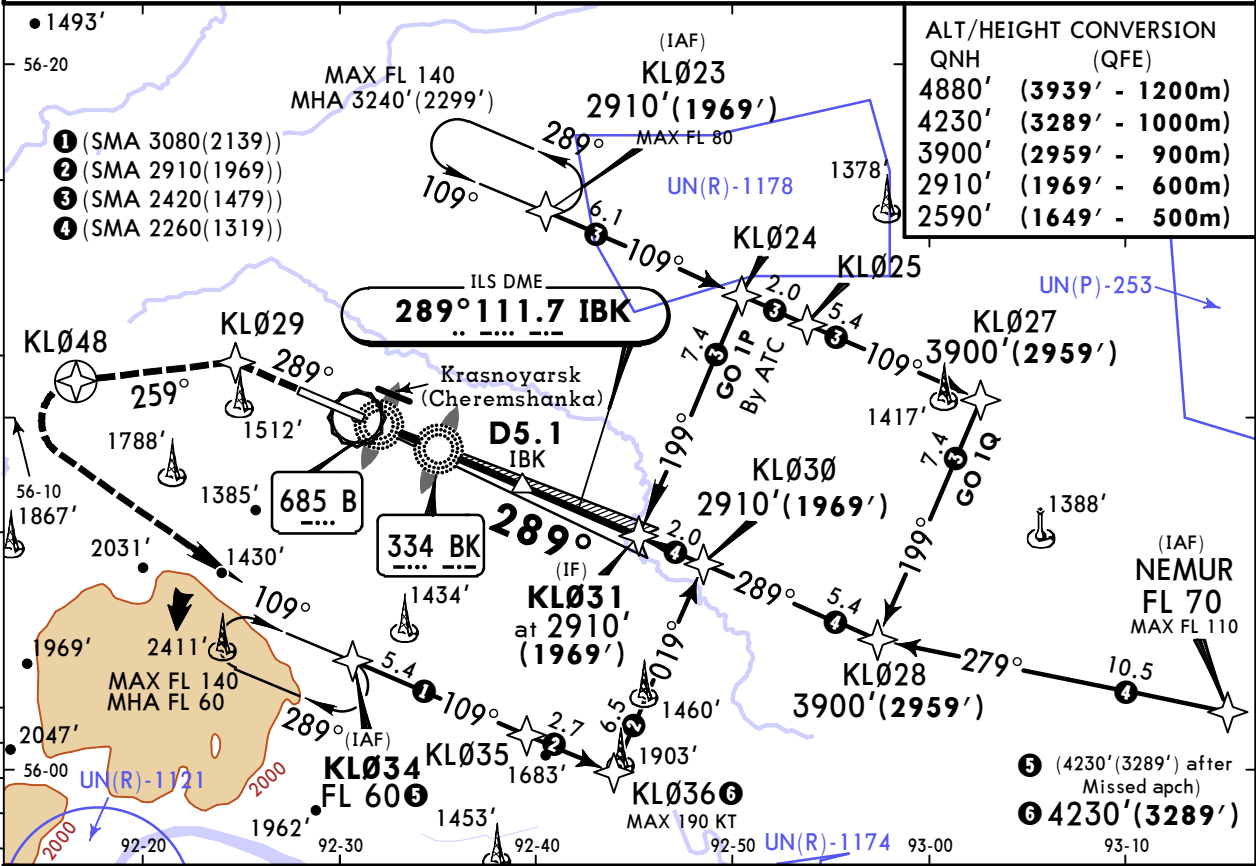
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UNKL/KJA
YEMELYANOVO

21 DEC 18 **11-3A** Eff 3 Jan

KRASNOYARSK, RUSSIA
CAT II ILS Z Rwy 29

ATIS	KRASNOYARSK Approach		KRASNOYARSK Krug (TWR)		KRASNOYARSK Tower	Ground
126.8	127.7		122.0		118.3	121.9
LOC IBK 111.7	Final Apch Crs 289°	Procedure Alt KL021 1745'(804')	CAT II ILS DA(H) Refer to Minimums	Apt Elev 942' Rwy 941'	4000 MSA ARP	
MISSED APCH: Climb on 289° to KL029, then turn LEFT to KL048 (MAX 220 KT), then turn LEFT to KL034 climbing to 4230'(3289') or above.						
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939')						
1. GNSS required. 2. RNAV 1 required for initial, intermediate and missed approach. 3. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo). 4. Ground proximity warning system may be brought into operation for a short duration between KL021 and RW29.						



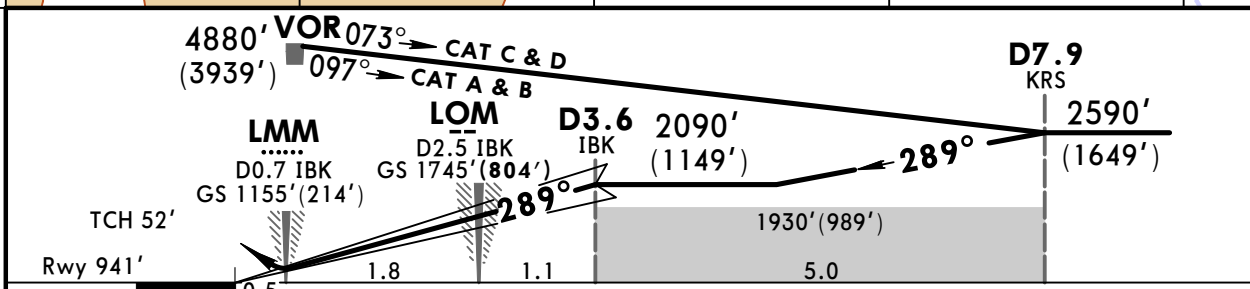
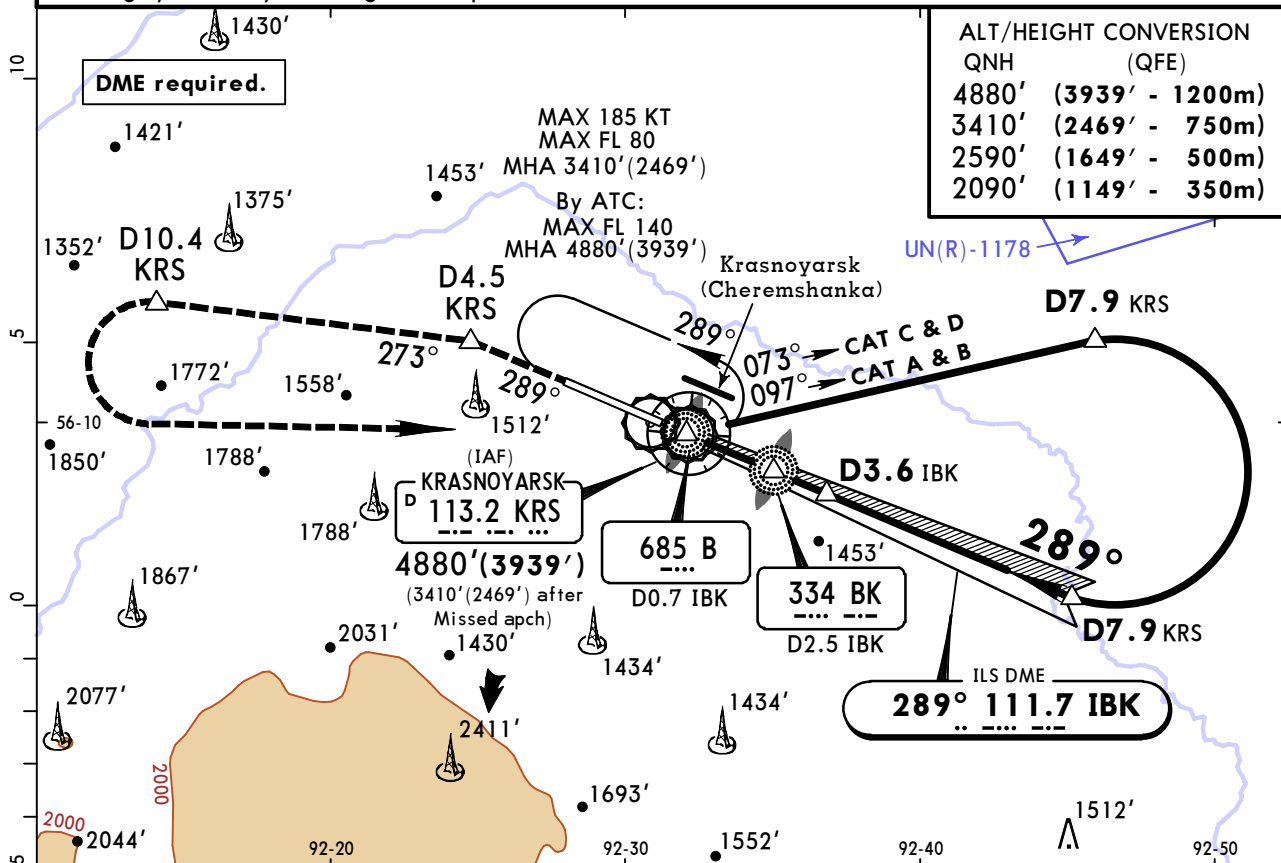
STRAIGHT-IN LANDING RWY 29 CAT II ILS			
A RA 99' DA(H) 1041'(100')	B RA 115' DA(H) 1056'(115')	C RA 130' DA(H) 1069'(128')	D RA 146' DA(H) 1083'(142')
RVR 300m		RVR 400m	RVR 450m

UNKL/KJA
YEMELYANOVO

JEPPESSEN
8 MAR 19 **(11-4)**

KRASNOYARSK, RUSSIA
ILS Y Rwy 29

ATIS	KRASNOYARSK Approach	KRASNOYARSK Krug (TWR)	KRASNOYARSK Tower	Ground
126.8	127.7	122.0	118.3	121.9
LOC IBK 111.7	Final Apch Crs 289°	GS D2.5 IBK 1745' (804')	ILS DA(H) Refer to Minimums	Apt Elev 942' Rwy 941'
MISSED APCH: Climb STRAIGHT AHEAD to D4.5 KRS, then turn LEFT onto 273° to D10.4 KRS, then turn LEFT to VOR climbing to 3410' (2469') or above. MAX 255 KT.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939') 1. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo). 2. Ground proximity warning system may be brought into operation for a short duration between LOM and LMM.				



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	255 KT MAX	D4.5 KRS
ILS GS	3.00°	372	478	531	637	743			

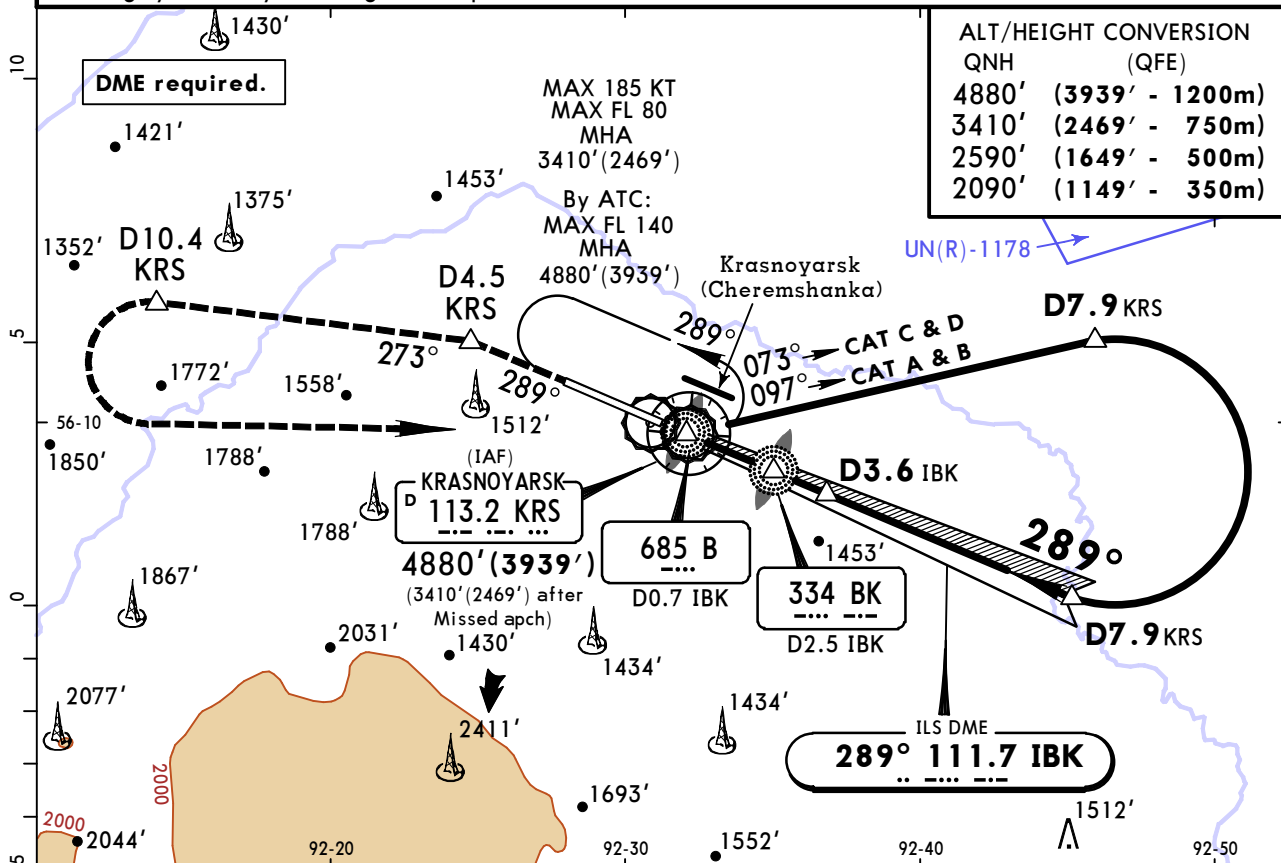
STRAIGHT-IN LANDING RWY 29				CIRCLE-TO-LAND	
ILS			LOC (GS out)		
c: 1155' (214')					
DA(H) AB: 1141' (200') D: 1165' (224')					
FULL	TDZ or CL out	ALS out		Max Kts	MDA(H)
A				100	1730' (788') 1600m
B	RVR 550m	RVR 720m		135	1830' (888') 2000m
C	VIS 800m	VIS 800m	1200m	180	2090' (1148') 4800m
D				205	2200' (1258') 4800m

UNKL/KJA
YEMELYANOVO

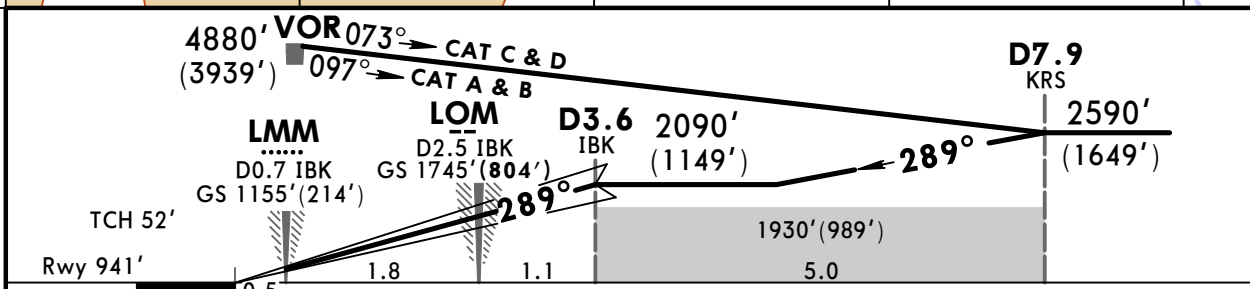
JEPPESSEN
8 MAR 19 **(11-4A)**

KRASNOYARSK, RUSSIA
CAT II ILS Y Rwy 29

ATIS	KRASNOYARSK Approach	KRASNOYARSK Krug (TWR)	KRASNOYARSK Tower	Ground
126.8	127.7	122.0	118.3	121.9
LOC IBK 111.7	Final Apch Crs 289°	GS D2.5 IBK 1745' (804')	CAT II ILS Refer to Minimums	Apt Elev 942' Rwy 941'
MISSED APCH: Climb STRAIGHT AHEAD to D4.5 KRS, then turn LEFT onto 273° to D10.4 KRS, then turn LEFT to VOR climbing to 3410' (2469') or above. MAX 255 KT.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939') 1. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo). 2. Ground proximity warning system may be brought into operation for a short duration between LOM and LMM.				



ALT/HEIGHT CONVERSION	QNH	(QFE)
4880'	(3939' - 1200m)	
3410'	(2469' - 750m)	
2590'	(1649' - 500m)	
2090'	(1149' - 350m)	



Gnd speed-Kts	70	90	100	120	140	160		HIALS-II		D4.5
GS	3.00°	372	478	531	637	743	849	PAPI	255 KT MAX	KRS

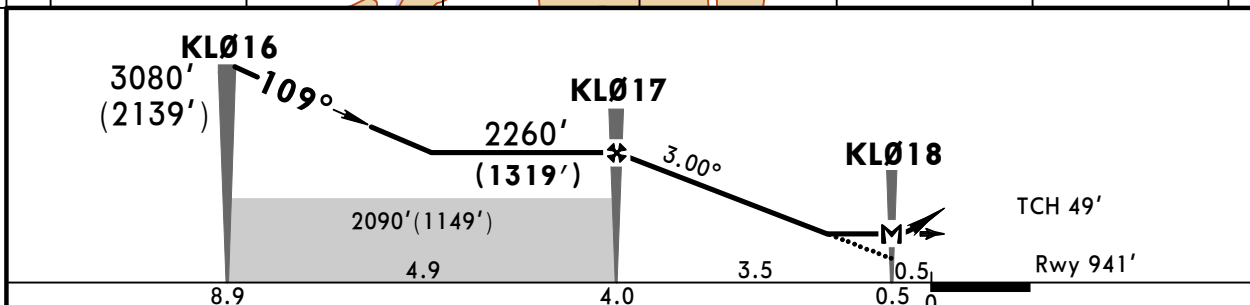
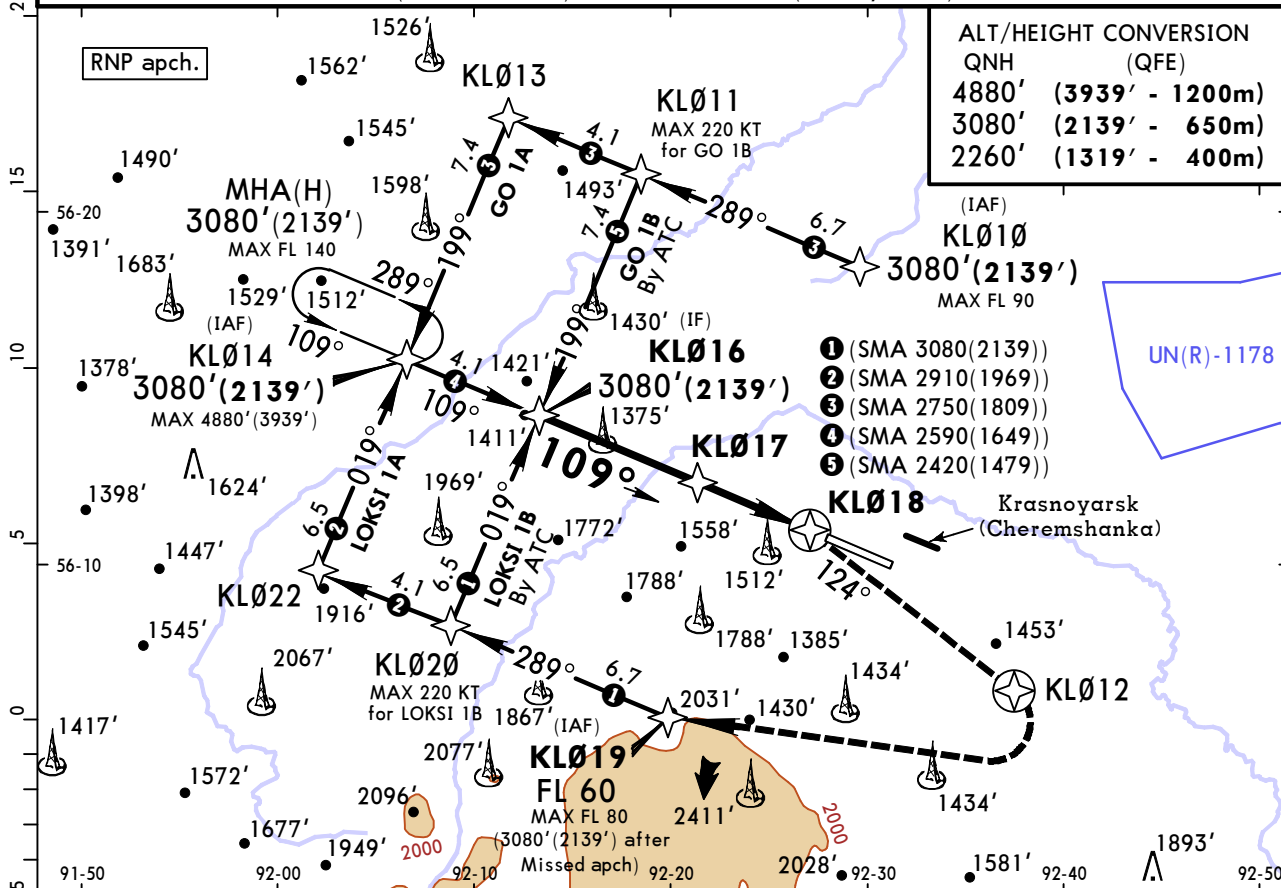
STRAIGHT-IN LANDING RWY 29			
CAT II ILS			
A RA 99' DA(H) 1041' (100')	B RA 115' DA(H) 1056' (115')	C RA 130' DA(H) 1069' (128')	D RA 146' DA(H) 1083' (142')
RVR 300m	RVR 400m	RVR 450m	

UNKL/KJA
YEMELYANOVO

JEPPESEN
11 MAY 18 (12-1) Eff 24 May

KRASNOYARSK, RUSSIA
RNAV (GNSS) Rwy 11

ATIS	KRASNOYARSK Approach	KRASNOYARSK Krug (TWR)	KRASNOYARSK Tower	Ground
126.8	127.7	122.0	118.3	121.9
RNAV	Final Apch Crs 109°	Procedure Alt KL017 2260' (1319')	LNAV MDA(H) 1500' (559')	Apt Elev 942' Rwy 941'
MISSED APCH: Climb on 124° to KL012, then turn RIGHT to KL019 climbing to 3080' (2139') or above. MAX 220 KT.				4000 MSA ARP
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939') Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo).				



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle	3.00°	372	478	531	637	849
MAP at KL018						

STRAIGHT-IN LANDING RWY 11			CIRCLE-TO-LAND		
LNAV					
MDA(H) 1500' (559')					
ALS out			Max Kts	MDA(H)	
A	RVR 720m VIS 800m	RVR 1500m VIS 1600m	100	1730' (788')	1600m
B			135	1830' (888')	2000m
C	RVR 1500m VIS 1600m	2400m	180	2090' (1148')	4800m
D	RVR 1800m VIS 2000m	2800m	205	2200' (1258')	4800m

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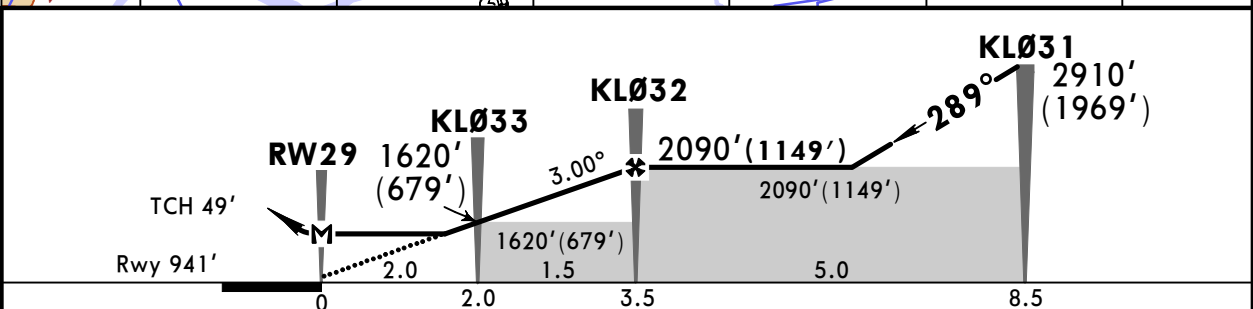
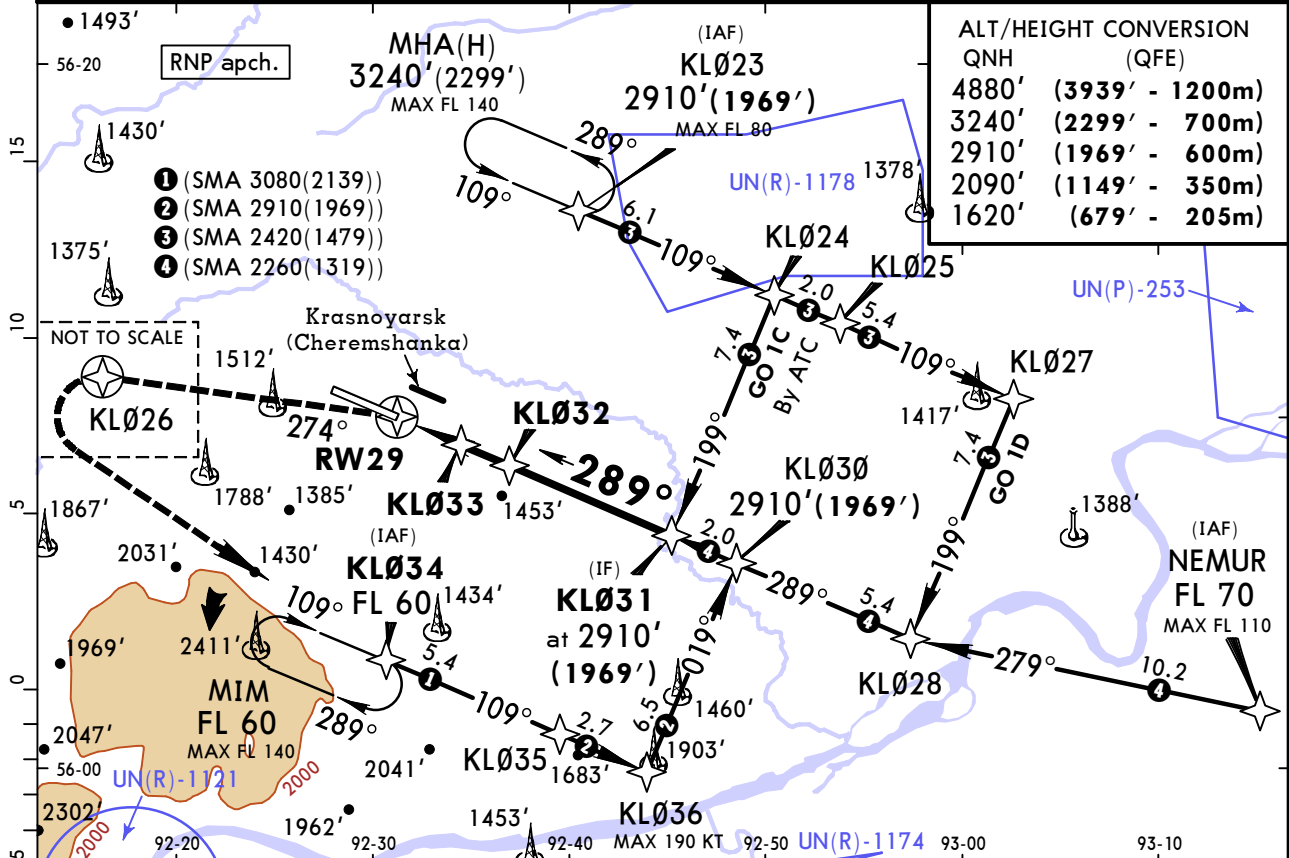
JEPPESSEN
11 MAY 18 (12-2) Eff 24 May

KRASNOYARSK, RUSSIA
RNAV (GNSS) Rwy 29

BRIEFING STRIP

ATIS	KRASNOYARSK Approach		KRASNOYARSK Krug (TWR)		KRASNOYARSK Tower	Ground
126.8	127.7		122.0		118.3	121.9
RNAV	Final Apch Crs 289°	Procedure Alt KL032 2090'(1149')	LNAV MDA(H) 1450'(509')		Apt Elev 942' Rwy 941'	4000 MSA ARP
MISSED APCH: Climb on 274° to KL026, then turn LEFT to KL034 climbing to FL 60 or above, then proceed according to chart or hold.						

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939')
1. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo). 2. Ground proximity warning system may be brought into operation for a short duration between KL032 and RW29.



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle	3.00°	372	478	531	637	743
MAP at RW29						

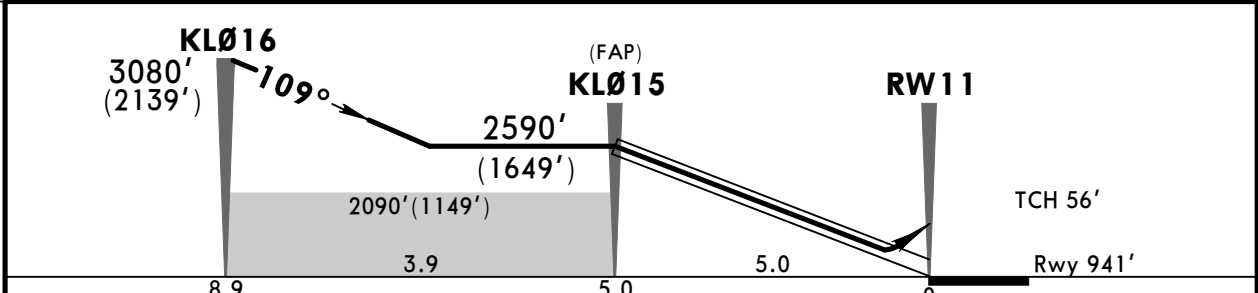
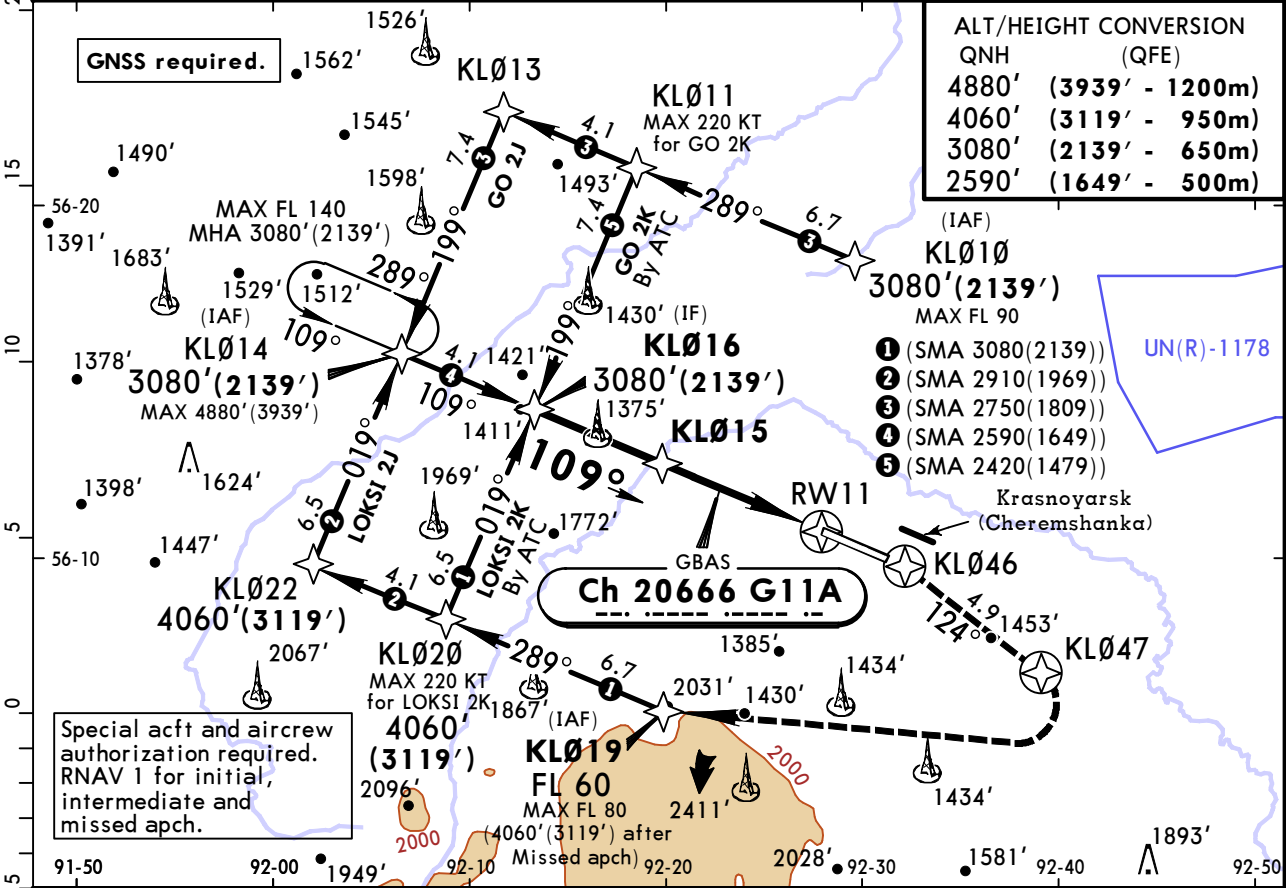
STRAIGHT-IN LANDING RWY 29			CIRCLE-TO-LAND		
LNAV					
MDA(H) 1450' (509')					
ALS out			Max Kts	MDA(H)	
A	RVR 720m VIS 800m	RVR 1500m VIS 1600m	100	1730' (788')	1600m
B			135	1830' (888')	2000m
C	RVR 1500m VIS 1600m	2400m	180	2090' (1148')	4800m
D			205	2200' (1258')	4800m

UNKL/KJA
YEMELYANOVO

JEPPESSEN
21 DEC 18 12-40 Eff 3 Jan

KRASNOYARSK, RUSSIA
GLS Rwy 11

ATIS	KRASNOYARSK Approach	KRASNOYARSK Krug (TWR)	KRASNOYARSK Tower	Ground
126.8	127.7	122.0	118.3	121.9
GBAS Ch 20666 G11A	Final Apch Crs 109°	Procedure Alt KLØ15 2590'(1649')	GLS DA(H) Refer to Minimums	Apt Elev 942' Rwy 941'
MISSED APCH: Climb STRAIGHT AHEAD to KLØ46, then turn RIGHT to KLØ47, then turn RIGHT to KLØ19 climbing to 4060'(3119') or above. MAX 220 KT.				4000 MSA ARP
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880'(3939') Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo).				



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	220 KT MAX	KLØ46 ↑	KLØ47 ↗ RT
Glide Path Angle 3.00°	372	478	531	637	743	849				
MAP at DA										

STRAIGHT-IN LANDING RWY 11				CIRCLE-TO-LAND			
A:1141'(200') C:1158'(217')							
DA(H) B:1148'(207') D:1168'(227')							
	FULL	TDZ or CL out	ALS out	Max Kts	MDA(H)		
A				100	1730'(788')	1600m	
B				135	1830'(888')	2000m	
C	RVR 550m VIS 800m	RVR 720m VIS 800m	1200m	180	2090'(1148')	4800m	
D				205	2200'(1258')	4800m	

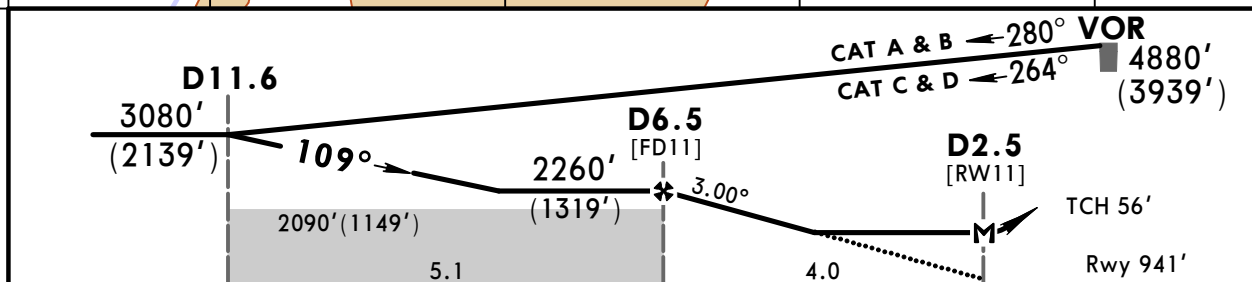
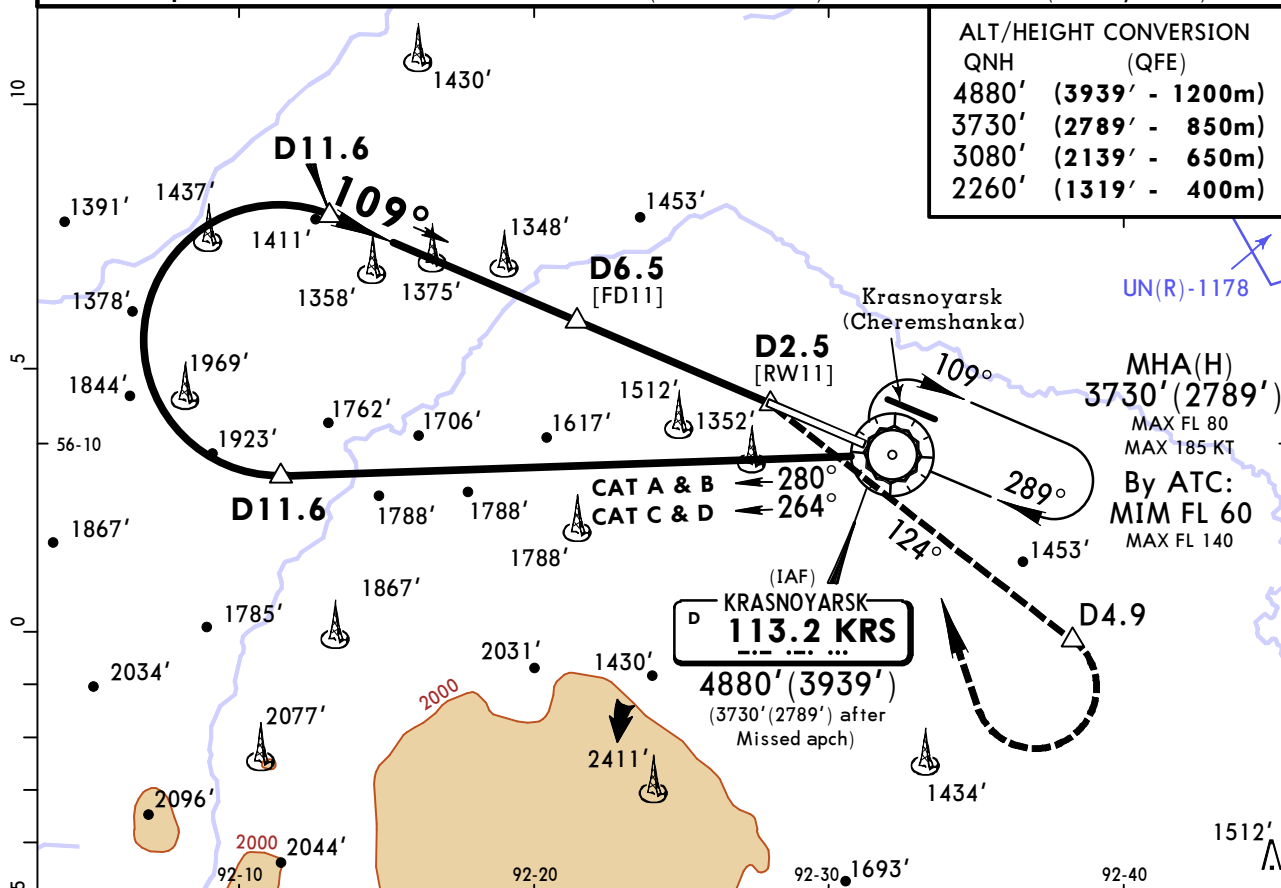
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UNKL/KJA
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JEPPESEN
13 APR 18 (13-1) Eff 26 Apr

KRASNOYARSK, RUSSIA
VOR Rwy 11

ATIS	KRASNOYARSK Approach	KRASNOYARSK Krug (TWR)	KRASNOYARSK Tower	Ground
126.8	127.7	122.0	118.3	121.9
VOR KRS 113.2	Final Apch Crs 109°	Procedure Alt D6.5 2260' (1319')	MDA(H) 1660' (719')	Apt Elev 942' Rwy 941'
MISSED APCH: Climb on 124° to D4.9, then turn RIGHT to VOR climbing to 3730' (2789') or above and hold. MAX 185 KT.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939')				
1. DME required. 2. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo).				



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle	3.00°	372	478	531	637	743
MAP at D2.5						

STRAIGHT-IN LANDING RWY 11			CIRCLE-TO-LAND		
MDA(H) 1660' (719')					
ALS out			Max Kts	MDA(H)	
A	RVR 720m VIS 800m	RVR 1500m VIS 1600m	100	1730' (788')	1600m
B			135	1830' (888')	2000m
C	2400m	3200m	180	2090' (1148')	4800m
D	2800m	3600m	205	2200' (1258')	4800m

CHANGES: None.

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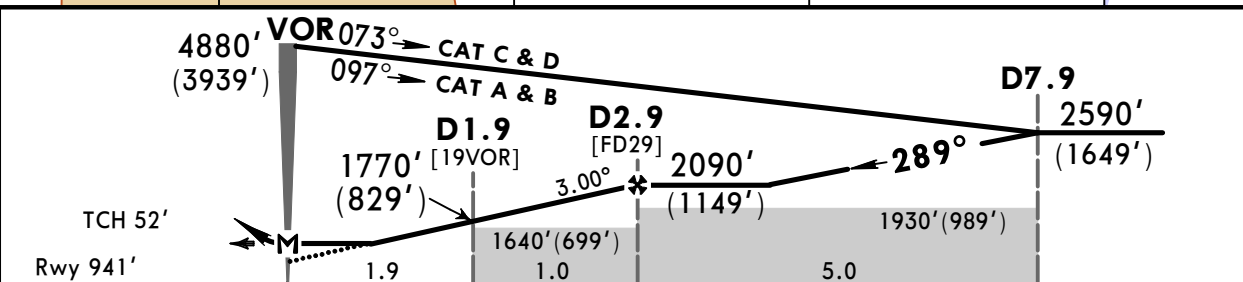
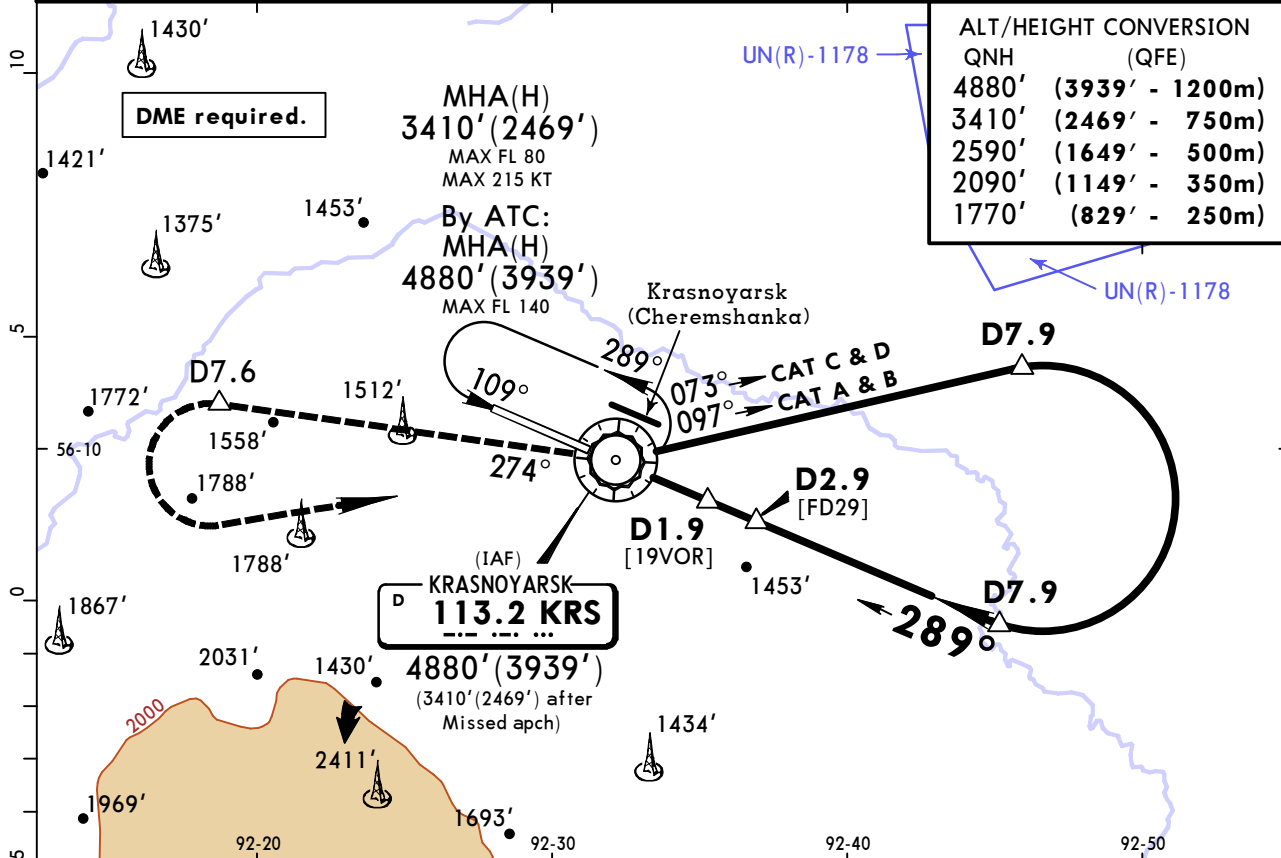
UNKL/KJA
YEMELYANOVO

JEPPESEN
13 APR 18 (13-2) Eff 26 Apr

KRASNOYARSK, RUSSIA
VOR Rwy 29

ATIS	KRASNOYARSK Approach	KRASNOYARSK Krug (TWR)	KRASNOYARSK Tower	Ground
126.8	127.7	122.0	118.3	121.9
VOR KRS 113.2	Final Apch Crs 289°	Procedure Alt D2.9 2090' (1149')	MDA(H) Refer to Minimums	Apt Elev 942' Rwy 941'
MISSED APCH: Climb on R-274 to D7.6, then turn LEFT to VOR climbing to 3410' (2469') or above and hold. MAX 230 KT.				

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939')
1. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo). 2. Ground proximity warning system may be brought into operation for a short duration between BK NDB and B Lctr.



Gnd speed-Kts	70	90	100	120	140	160		HIALS-II		230 KT	D7.6	KRS
Descent Angle	3.00°	372	478	531	637	743	849	PAPI		MAX	↑	on 113.2
MAP at VOR												R-274

STRAIGHT-IN LANDING RWY 29					CIRCLE-TO-LAND		
with D1.9			w/o D1.9				
MDA(H) 1380'(439')			MDA(H) 1630'(689')				
		ALS out			ALS out	Max Kts	MDA(H)
A	RVR 720m	RVR 1500m	RVR 720m	RVR 1500m	100	1730'(788')	1600m
B	VIS 800m	VIS 1600m	VIS 800m	VIS 1600m	135	1830'(888')	2000m
C	1200m	RVR 1800m VIS 2000m	2400m	3200m	180	2090'(1148')	4800m
D	RVR 1500m VIS 1600m	2400m	2800m	3600m	205	2200'(1258')	4800m

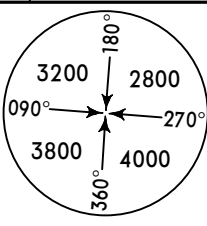
CHANGES: Minimums.

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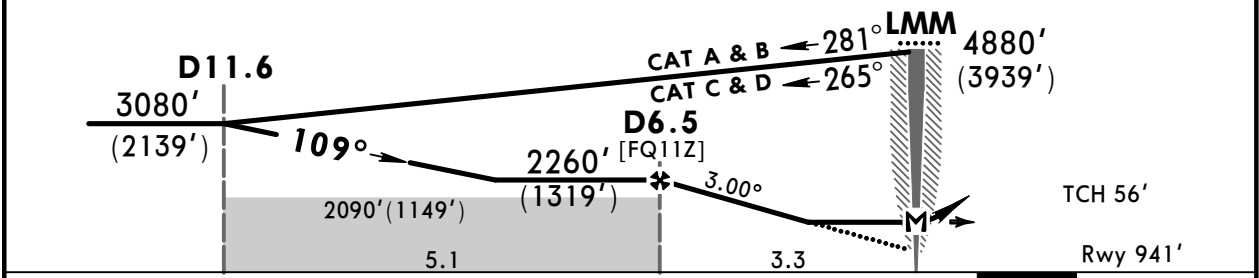
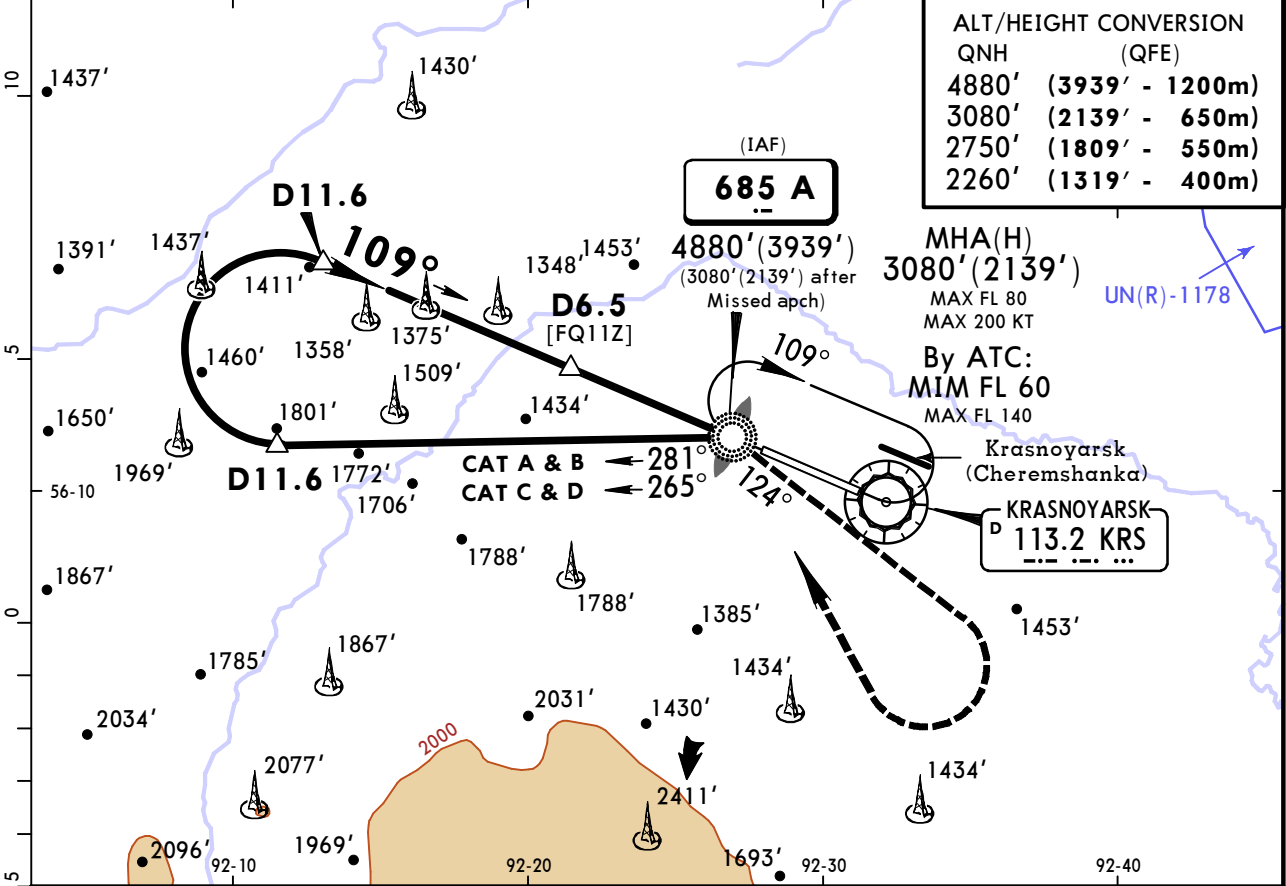
UNKL/KJA
YEMELYANOVO

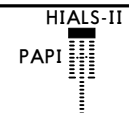
JEPPESSEN
13 APR 18 (16-1) Eff 26 Apr

KRASNOYARSK, RUSSIA
NDB Z Rwy 11

ATIS 126.8	KRASNOYARSK Approach 127.7	KRASNOYARSK Krug (TWR) 122.0	KRASNOYARSK Tower 118.3	Ground 121.9
Lctr A 685	Final Apch Crs 109°	Procedure Alt D6.5 2260' (1319')	MDA(H) 1650' (709') Apt Elev 942' Rwy 941'	
MISSED APCH: Climb on 124° to 2750' (1809'), then turn RIGHT to Lctr climbing to 3080' (2139') or above and hold. MAX 250 KT.				

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939')
1. DME required. 2. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo).



Gnd speed-Kts	70	90	100	120	140	160		2750' (1809')	124°
Descent Angle	3.00°	372	478	531	637	743		250 KT MAX	
MAP at Lctr									

STRAIGHT-IN LANDING RWY 11				CIRCLE-TO-LAND			
MDA(H) 1650' (709')							
		ALS out		Max Kts	MDA(H)		
A	1200m	RVR 1500m		100	1730' (788')	1600m	
B		VIS 1600m		135	1830' (888')	2000m	
C	2400m	3200m		180	2090' (1148')	4800m	
D	3200m	3600m		205	2200' (1258')	4800m	

CHANGES: Minimums.

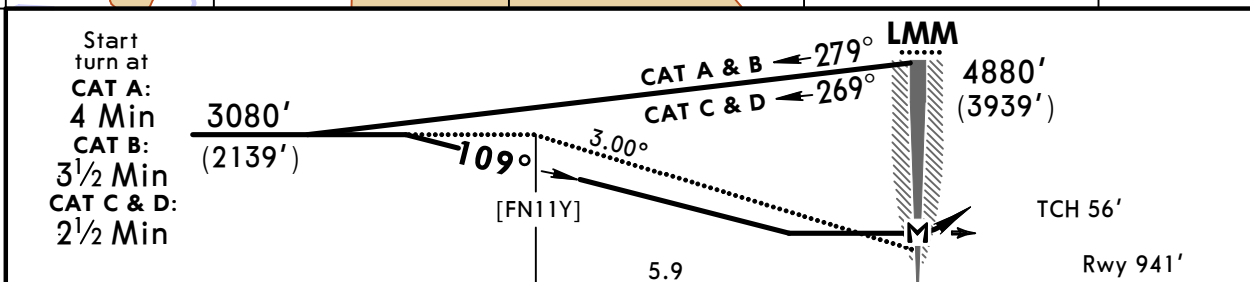
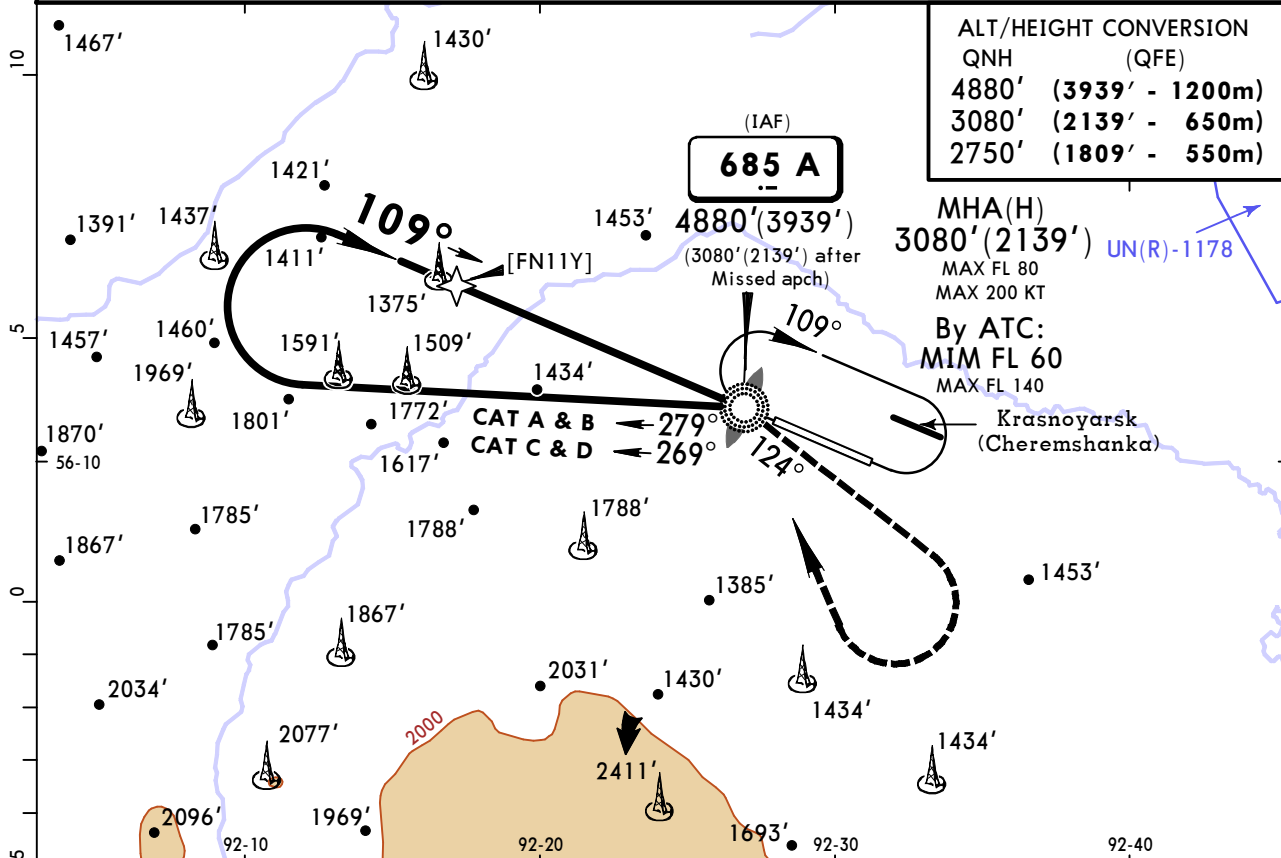
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JEPPESSEN
13 APR 18 **16-2** Eff 26 Apr

KRASNOYARSK, RUSSIA
NDB Y Rwy 11

ATIS	KRASNOYARSK Approach	KRASNOYARSK Krug (TWR)	KRASNOYARSK Tower	Ground
126.8	127.7	122.0	118.3	121.9
Lctr A 685	Final Apch Crs 109°	No FAF	MDA(H) 1840'(899')	Apt Elev 942' Rwy 941'
MISSED APCH: Climb on 124° to 2750'(1809'), then turn RIGHT to Lctr climbing to 3080'(2139') or above and hold. MAX 250 KT.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939') 1. Procedure MAX 205 KT. 2. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo).				



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

STRAIGHT-IN LANDING RWY 11			CIRCLE-TO-LAND		
MDA(H) 1840'(899')					
	ALS out		Max Kts	MDA(H)	
A	1200m	RVR 1800m	100	1840'(898')	2000m
B		VIS 2000m	135	1840'(898')	2000m
C	3600m	4400m	180	2090'(1148')	4800m
D	4400m	4800m	205	2200'(1258')	4800m

CHANGES: Minimums.

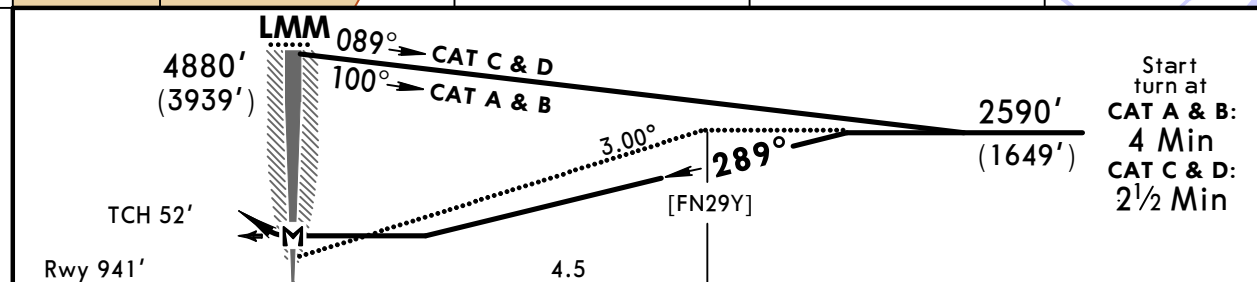
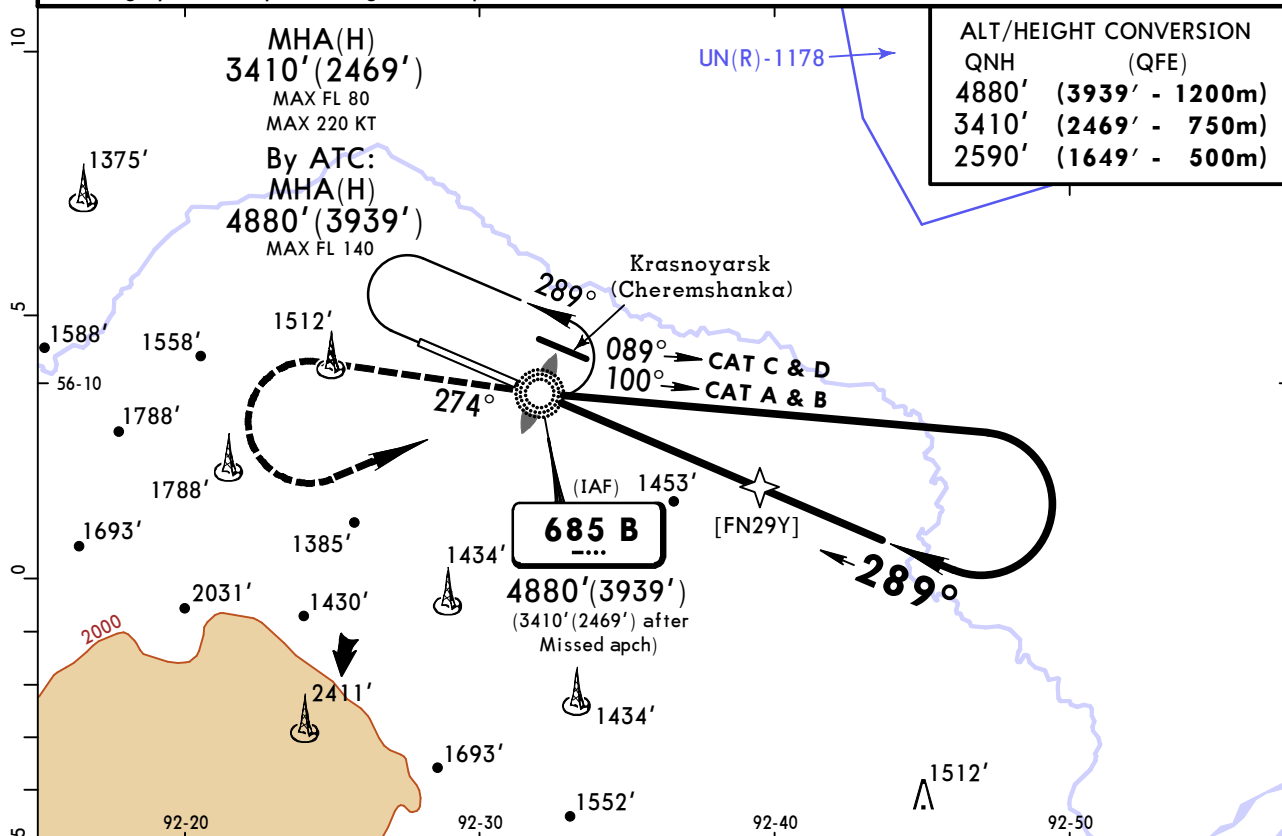
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JEPPESEN
13 APR 18 16-4 Eff 26 Apr

KRASNOYARSK, RUSSIA
NDB Y Rwy 29

ATIS	KRASNOYARSK Approach	KRASNOYARSK Krug (TWR)	KRASNOYARSK Tower	Ground
126.8	127.7	122.0	118.3	121.9
Lctr B 685	Final Apch Crs 289°	No FAF	MDA(H) 1740'(799')	Apt Elev 942' Rwy 941'
MISSED APCH: Climb on 274° to 2590'(1649'), then turn LEFT to Lctr climbing to 3410'(2469') or above and hold. MAX 245 KT.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3939') 1. Procedure MAX 205 KT. 2. Do not mistake KRASNOYARSK (Cheremshanka) for KRASNOYARSK (Yemelyanovo). 3. Ground proximity warning system may be brought into operation for a short duration between BK NDB and LMM.				



Gnd speed-Kts	70	90	100	120	140	160		HIALS-II	2590' (1649')	274°
Descent Angle	3.00°	372	478	531	637	743	849	PAPI	245 KT MAX	
MAP at Lctr										

STRAIGHT-IN LANDING RWY 29				CIRCLE-TO-LAND			
MDA(H) 1740'(799')							
		ALS out		Max Kts	MDA(H)		
A	1200m	RVR 1500m	VIS 1600m	100	1740'(798')	1600m	
B		RVR 1800m	VIS 2000m	135	1830'(888')	2000m	
C	2800m	3600m		180	2090'(1148')	4800m	
D	3600m	4000m		205	2200'(1258')	4800m	

CHANGES: None.

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Chart changes since cycle 08-2019

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
KRASNOYARSK, (YEMELYANOVO - UNKL)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UNKL