

List of pages in this Trip Kit

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Airport Information For UNKM
Terminal Charts For UNKM
Revision Letter For Cycle 09-2019
Change Notices
Notebook

General Information

Location: KRASNOYARSK RUS
ICAO: UNKM
Lat/Long: N56° 10.6', E092° 32.8'
Elevation: 833 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -8:00 = UTC
Magnetic Variation: 4.0° E

Fuel Types: Jet A-1
Repair Types: Minor Airframe
Customs: No
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: 5906 ft x 115 ft
Surface Type: concrete
TDZ-Elev: 833 ft
Lighting: Edge

Runway: 29
Length x Width: 5906 ft x 115 ft
Surface Type: concrete
TDZ-Elev: 794 ft
Lighting: Edge, ALS

Communication Information

ATIS: 126.800
Koster Start Tower: 120.300 Non-English
Krasnoyarsk Approach: 129.000 Secondary Non-English
Krasnoyarsk Approach: 127.700 Non-English
Krasnoyarsk Approach: 124.000 Secondary Non-English
Krasnoyarsk Krug Radar: 129.000 Secondary Non-English
Krasnoyarsk Krug Radar: 122.000 Non-English
Krasnoyarsk Krug Radar: 124.000 Secondary Non-English

UNKM
CHEREMSHANKA

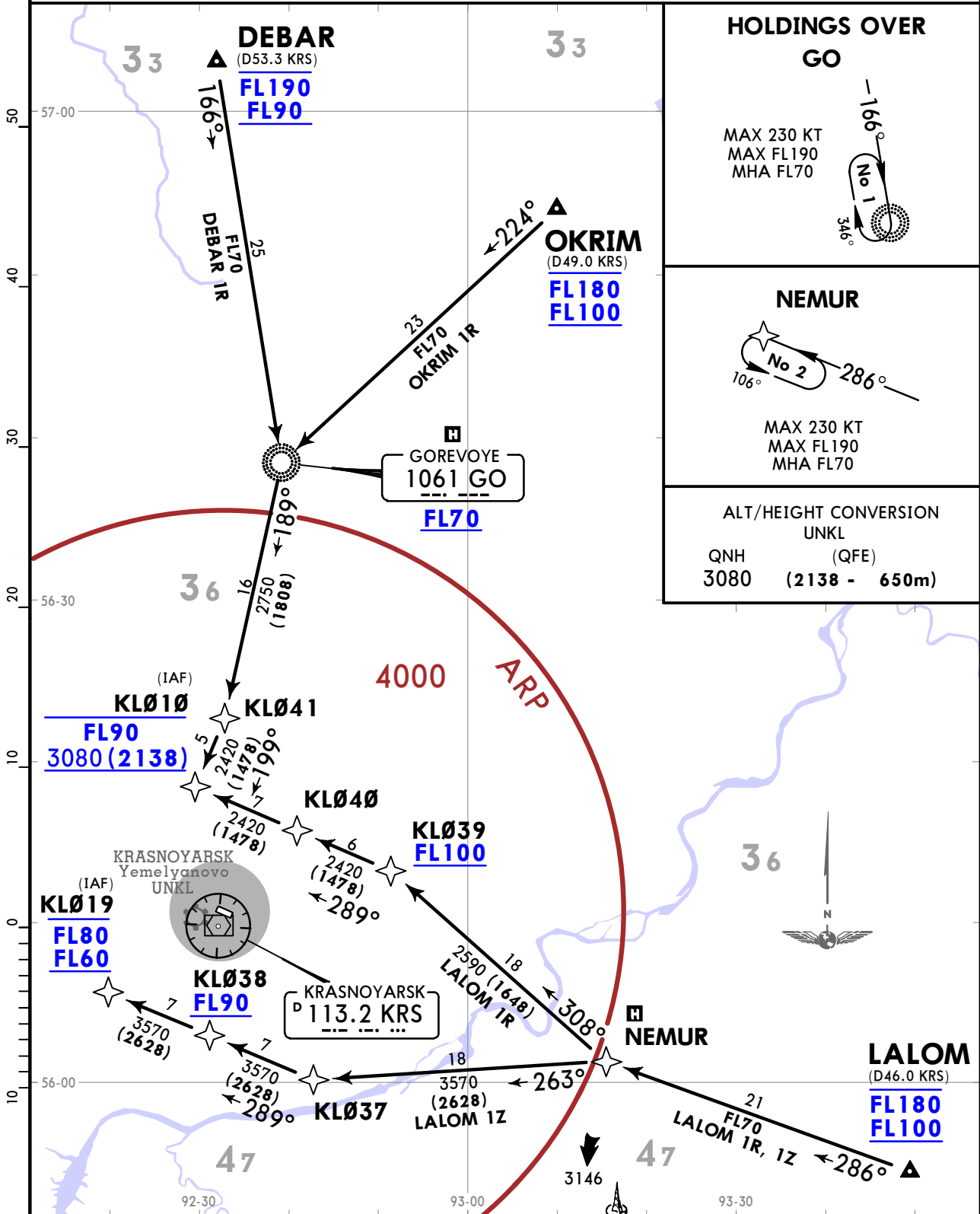
JEPPESSEN 26 JAN 18 **20-2** Eff 1 Feb

KRASNOYARSK, RUSSIA

RNAV STAR

ATIS 126.8	Alt Set: MM (hPa on request) QHN on request (QFE) Trans level: FL60 1. GNSS required. 2. RNAV 1 required. 3. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.
Apt Elev 833	

**DEBAR 1R [DEBA 1R]
LALOM 1R [LALO 1R], LALOM 1Z [LALO 1Z]
OKRIM 1R [OKRI 1R]
RWY 11 RNAV ARRIVALS
FOR RUSSIAN USERS ONLY**



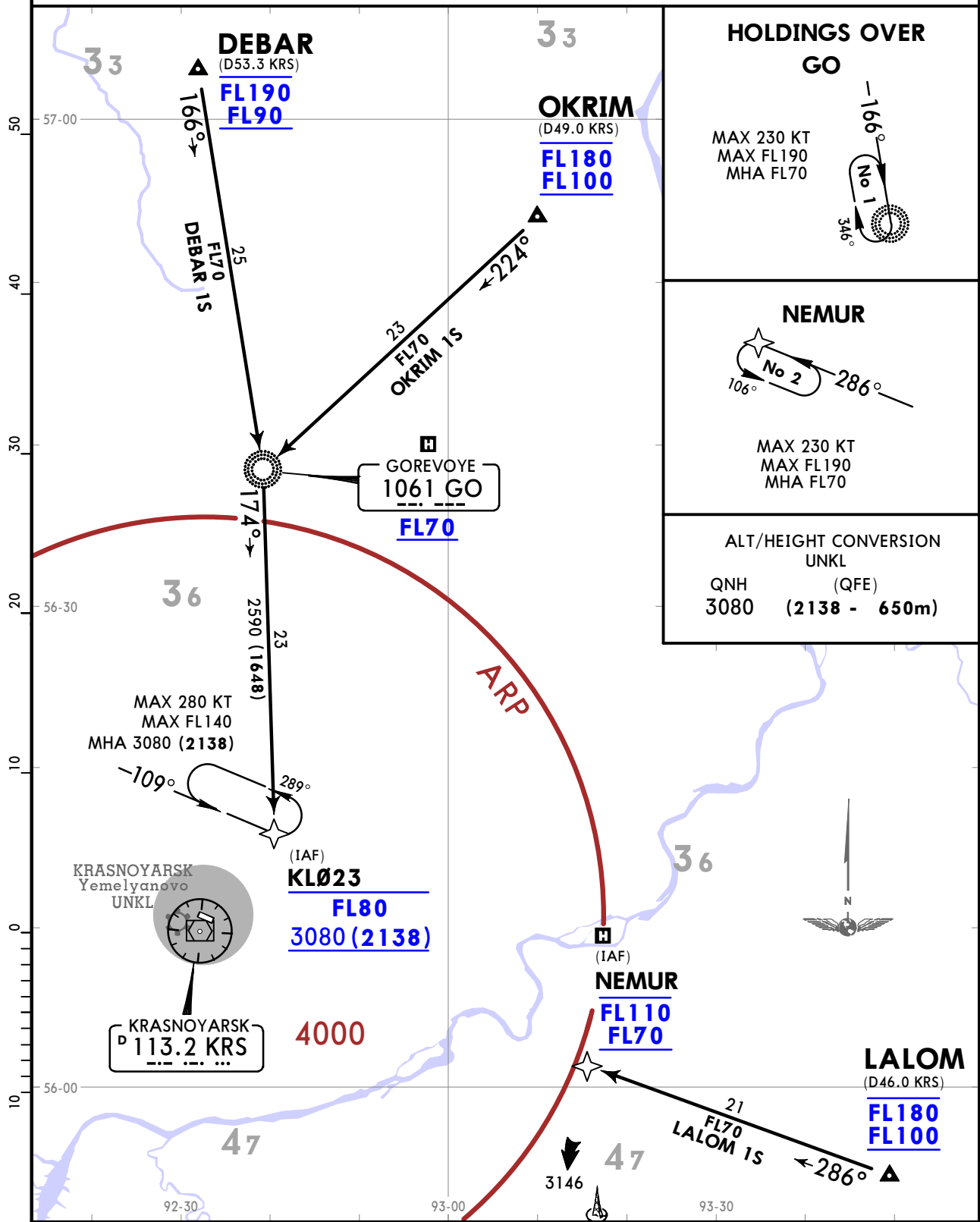
UNKM
CHEREMSHANKA

JEPPESSEN 26 JAN 18 (20-2A) Eff 1 Feb

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 833	2. RNAV 1 required. 3. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.

**DEBAR 1S [DEBA1S]
LALOM 1S [LALO1S]
OKRIM 1S [OKRI1S]
RWY 29 RNAV ARRIVALS
FOR RUSSIAN USERS ONLY**



UNKM CHEREMSHANKA

26 JAN 18 **20-2B** Eff 1 Feb

KRASNOYARSK, RUSSIA

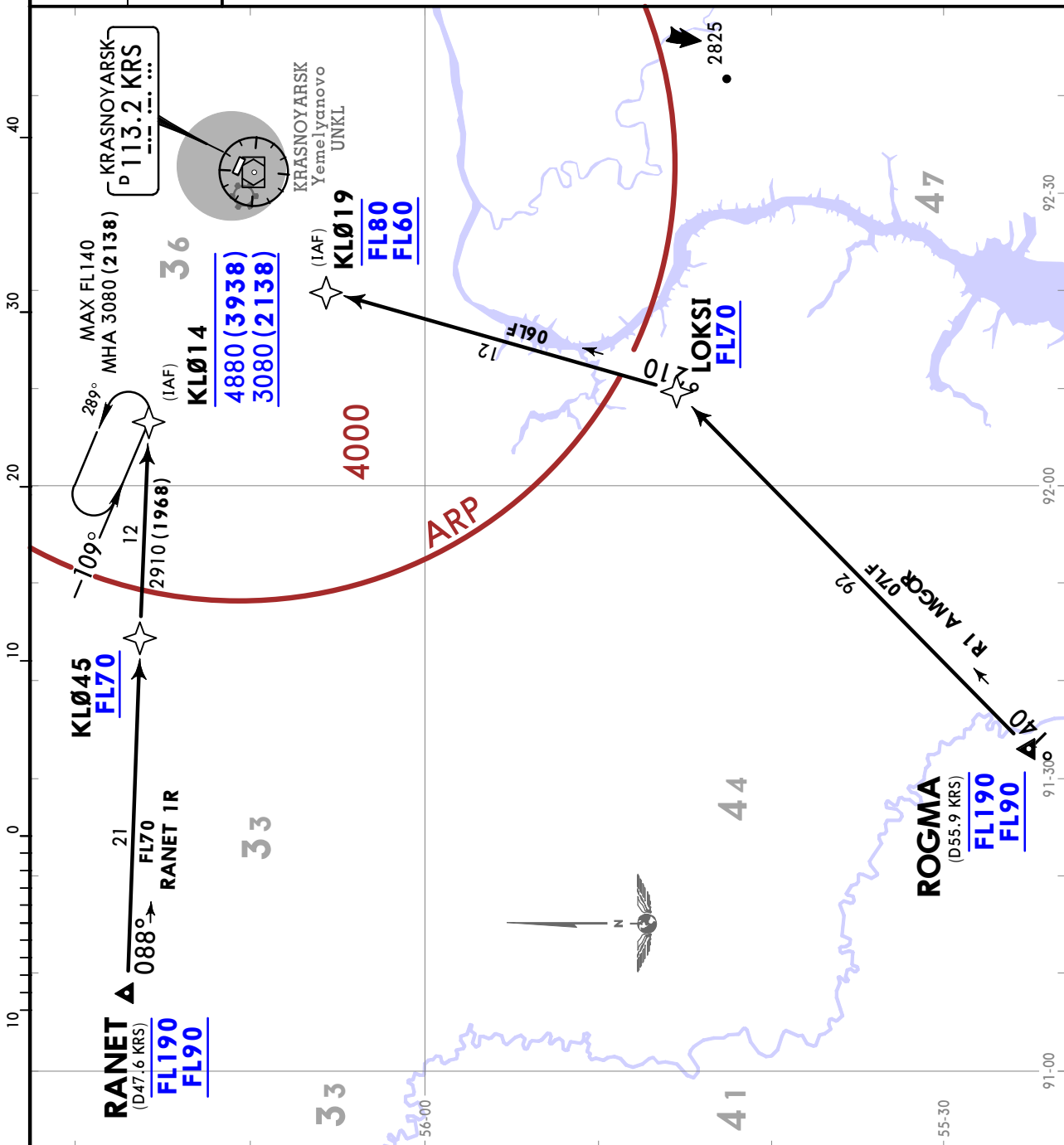
RNAV STAR

Alt Set: MM (hPa on request)
QNH on request (QFE)
Trans level: FL60
1. **GNSS required.**
2. **RNAV 1 required.**
3. **WARNING:** Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.

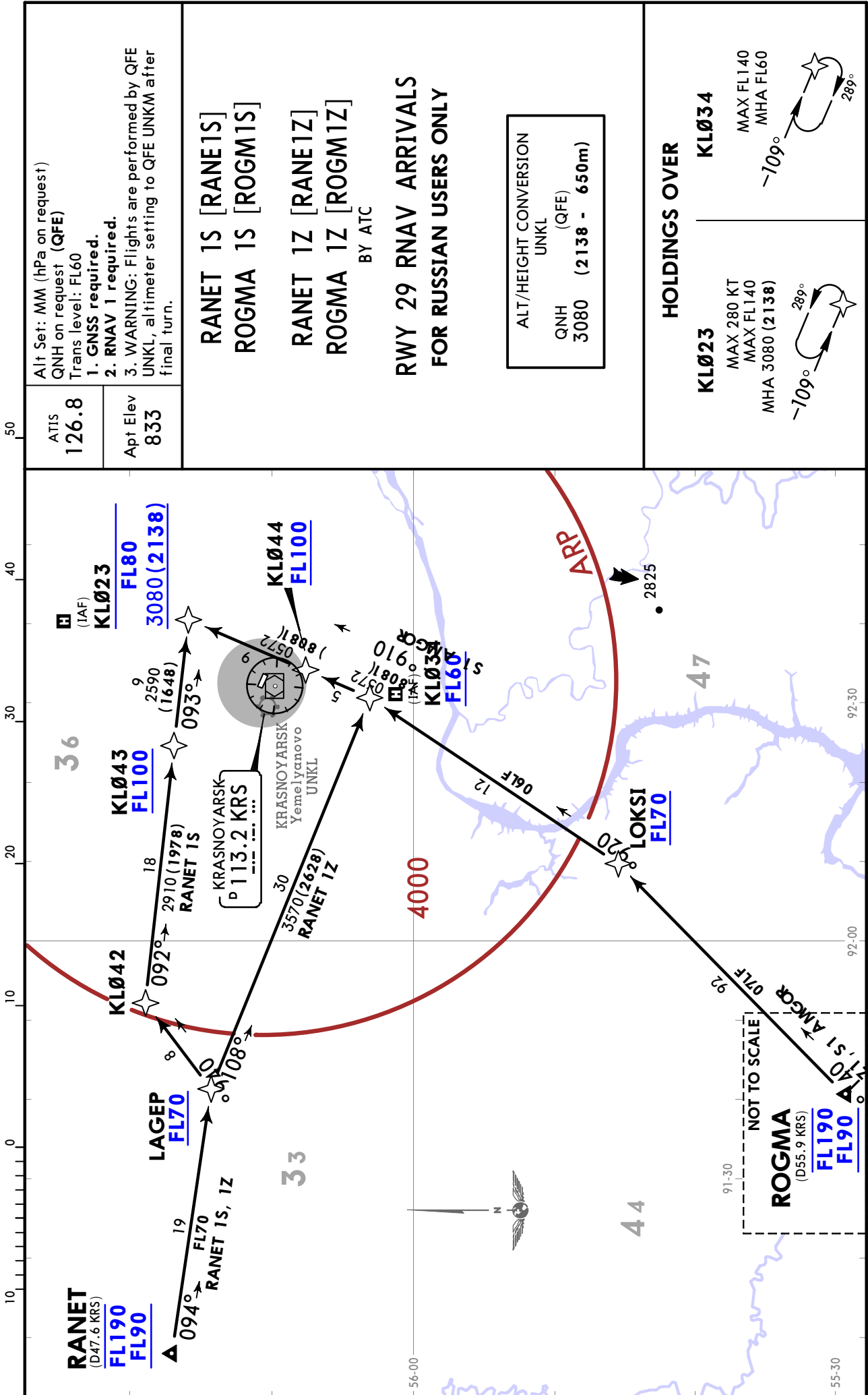
ATIS
126.8
Apt Elev
833

**RANET 1R [RANE1R]
ROGMA 1R [ROGM1R]
RWY 11 RNAV ARRIVALS
FOR RUSSIAN USERS ONLY**

ALT/HEIGHT CONVERSION	
UNKL	(QFE)
QNH	4880 (3938 - 1200m)
	3080 (2138 - 650m)



UNKM
CHEREMSHANKA



UNKM
CHEREMSHANKA

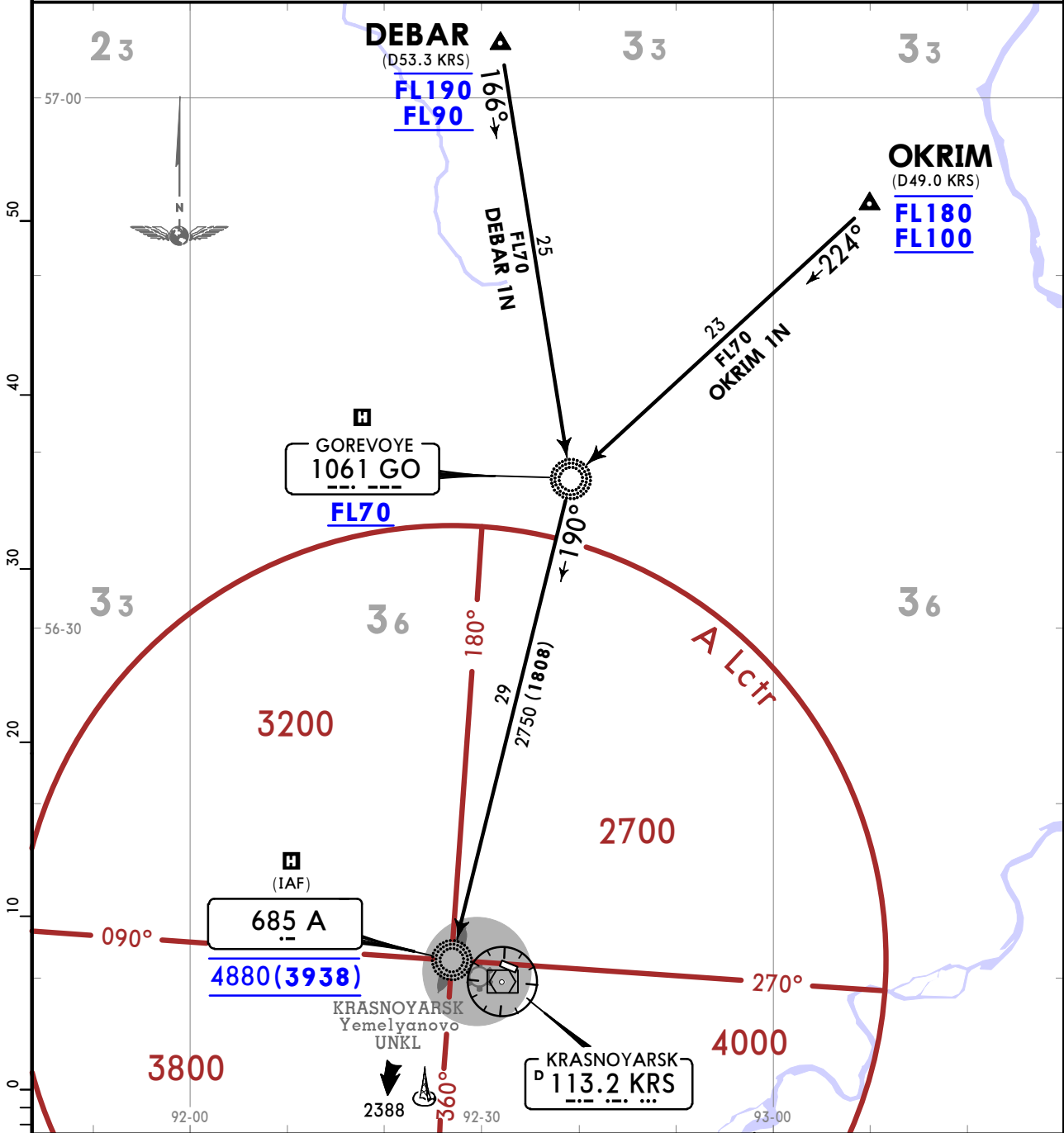
JEPPESEN
26 JAN 18 (20-2D) Eff 1 Feb

KRASNOYARSK, RUSSIA

STAR

ATIS 126.8	Alt Set: MM (hPa on request) QHN on request (QFE) Trans level: FL60 1. DME required. 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.
Apt Elev 833	

DEBAR 1N [DEBA1N]
OKRIM 1N [OKRI1N]
RWY 11 ARRIVALS
FOR RUSSIAN USERS ONLY



HOLDINGS OVER		ALT/HEIGHT CONVERSION UNKL QNH (QFE) 4880 (3938 - 1200m) 3080 (2138 - 650m)
A	GO	
MAX FL140 MHA FL60 MAX 200 KT MAX FL80 MHA 3080 (2138)	MAX 230 KT MAX FL190 MHA FL70	

UNKM
CHEREMSHANKA

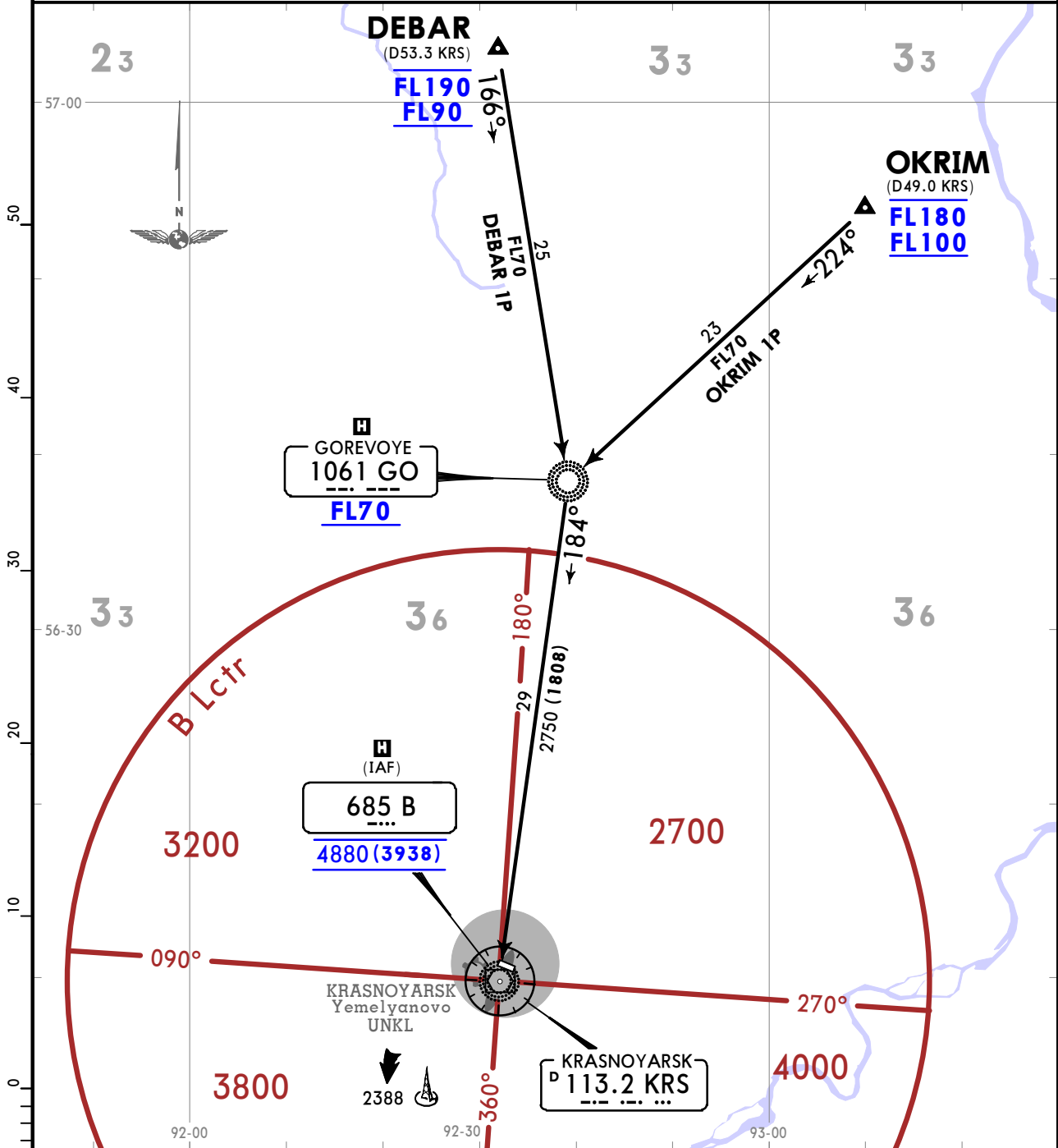
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KRASNOYARSK, RUSSIA

STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 1. DME required.
Apt Elev 833	2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.

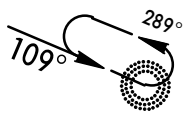
DEBAR 1P [DEBA1P]
OKRIM 1P [OKRI1P]
RWY 29 ARRIVALS
FOR RUSSIAN USERS ONLY



HOLDINGS OVER

B

MAX FL140
MHA 4880 (3938)
MAX 220 KT
MAX FL80
MHA 3410 (2468)



GO

MAX 230 KT
MAX FL190
MHA FL70



ALT/HEIGHT CONVERSION UNKL

QNH	(QFE)
4880	(3938 - 1200m)
3410	(2468 - 750m)

UNKM CHEREMSHANKA

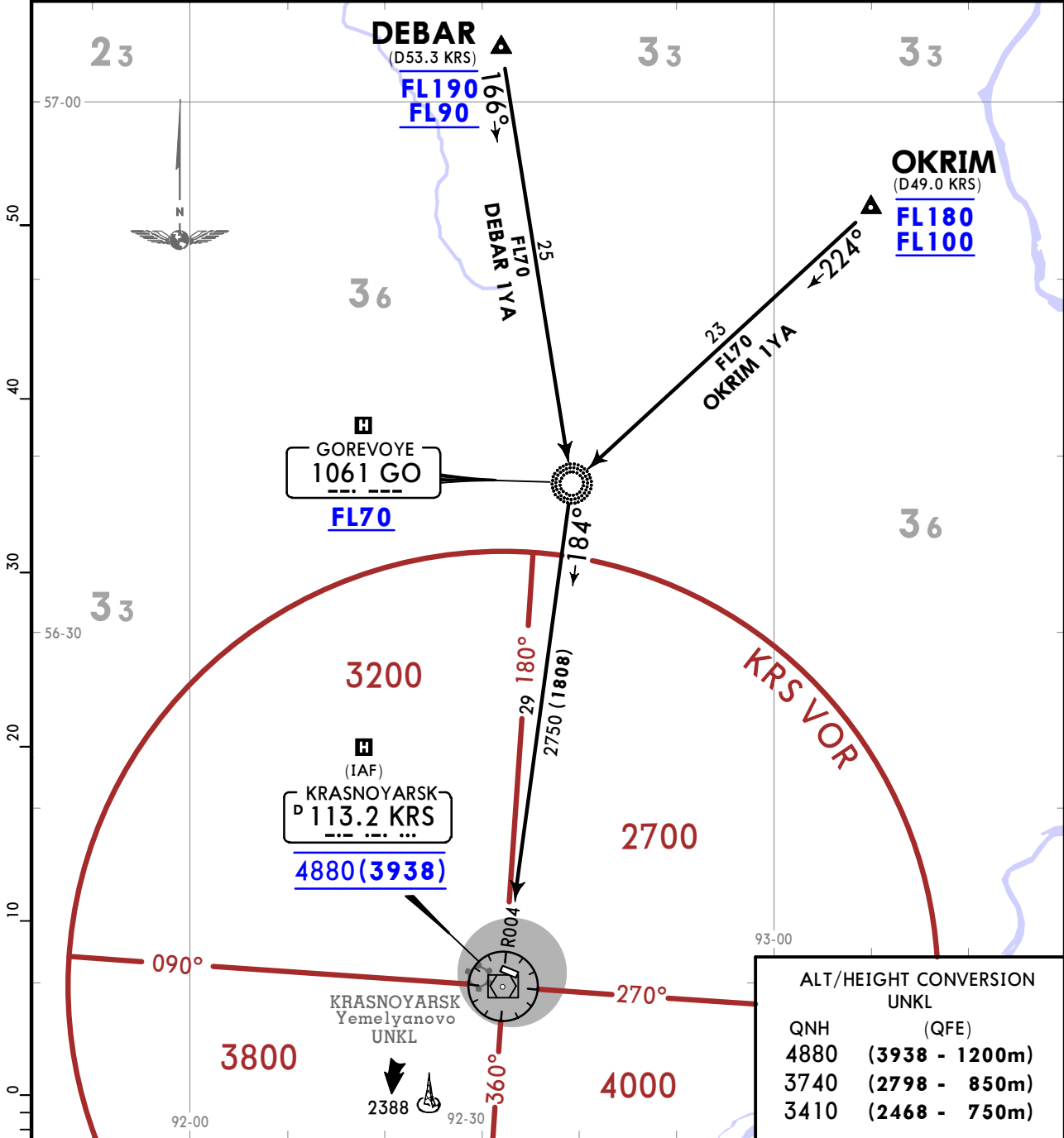
JEPPESEN 26 JAN 18 (20-2F) Eff 1 Feb

KRASNOYARSK, RUSSIA

STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 1. DME required.
Apt Elev 833	2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.

**DEBAR 1YA [DEB1YA]
OKRIM 1YA [OKR1YA]
RWYS 11, 29 ARRIVALS
FOR RUSSIAN USERS ONLY**



HOLDINGS OVER

GO

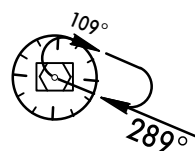
MAX 230 KT
MAX FL190
MHA FL70



KRS

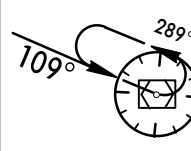
MAX FL140
MHA FL60

MAX 185 KT
MAX FL80
MHA 3740 (2798)



MAX FL140
MHA 4880 (3938)

MAX 215 KT
MAX FL80
MHA 3410 (2468)



UNKM
CHEREMSHANKA

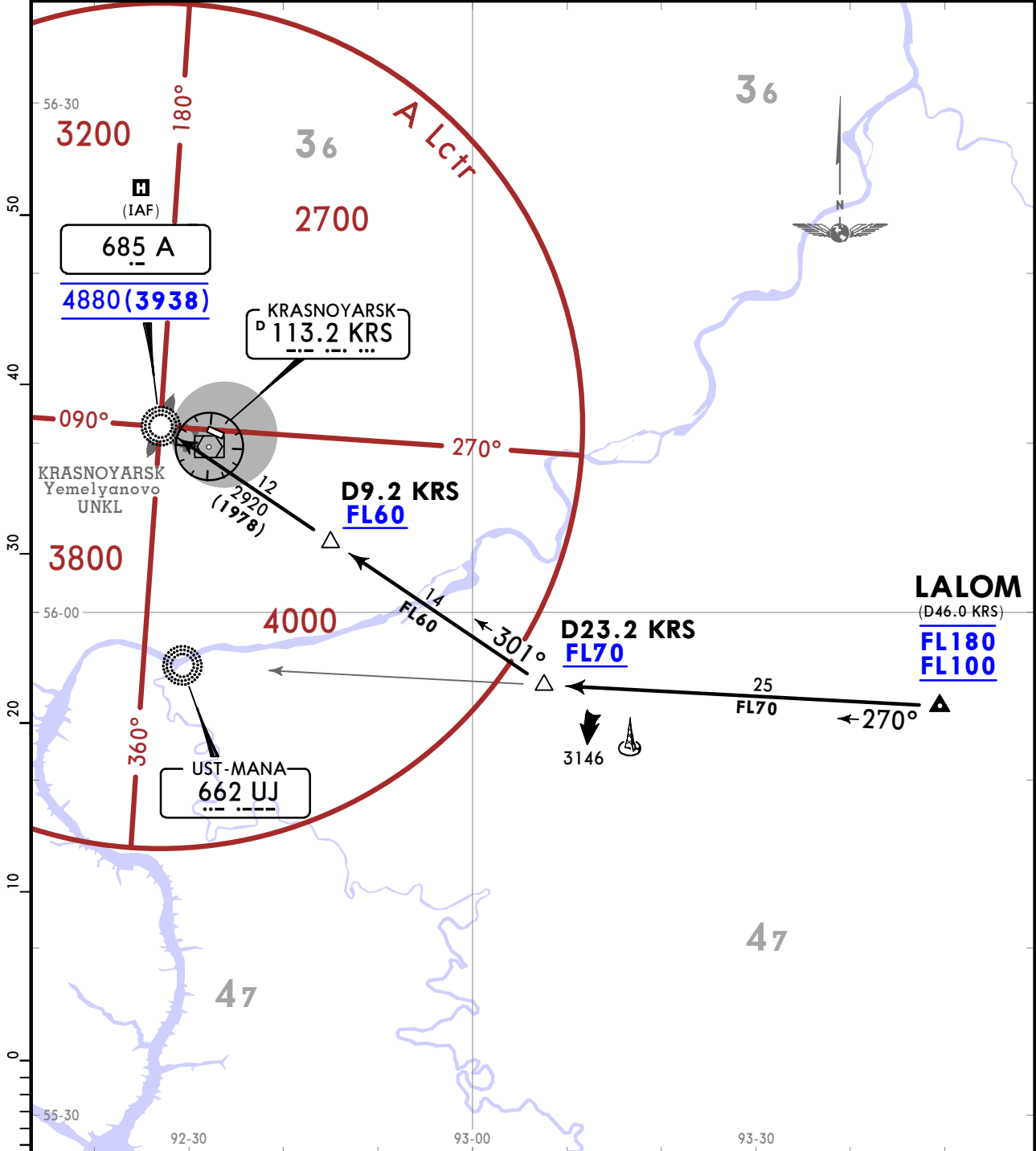
JEPPESEN
26 JAN 18 **(20-2G)** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 1. DME required.
Apt Elev 833	2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.

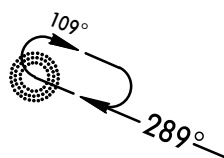
LALOM 1N [LALO1N]
RWY 11 ARRIVAL
FOR RUSSIAN USERS ONLY



HOLDINGS OVER A

MAX FL140
MHA FL60

MAX 200 KT
MAX FL80
MHA 3080 (2138)



ALT/HEIGHT CONVERSION
UNKL

QNH	(QFE)
4880	(3938 - 1200m)
3080	(2138 - 650m)

UNKM
CHEREMSHANKA

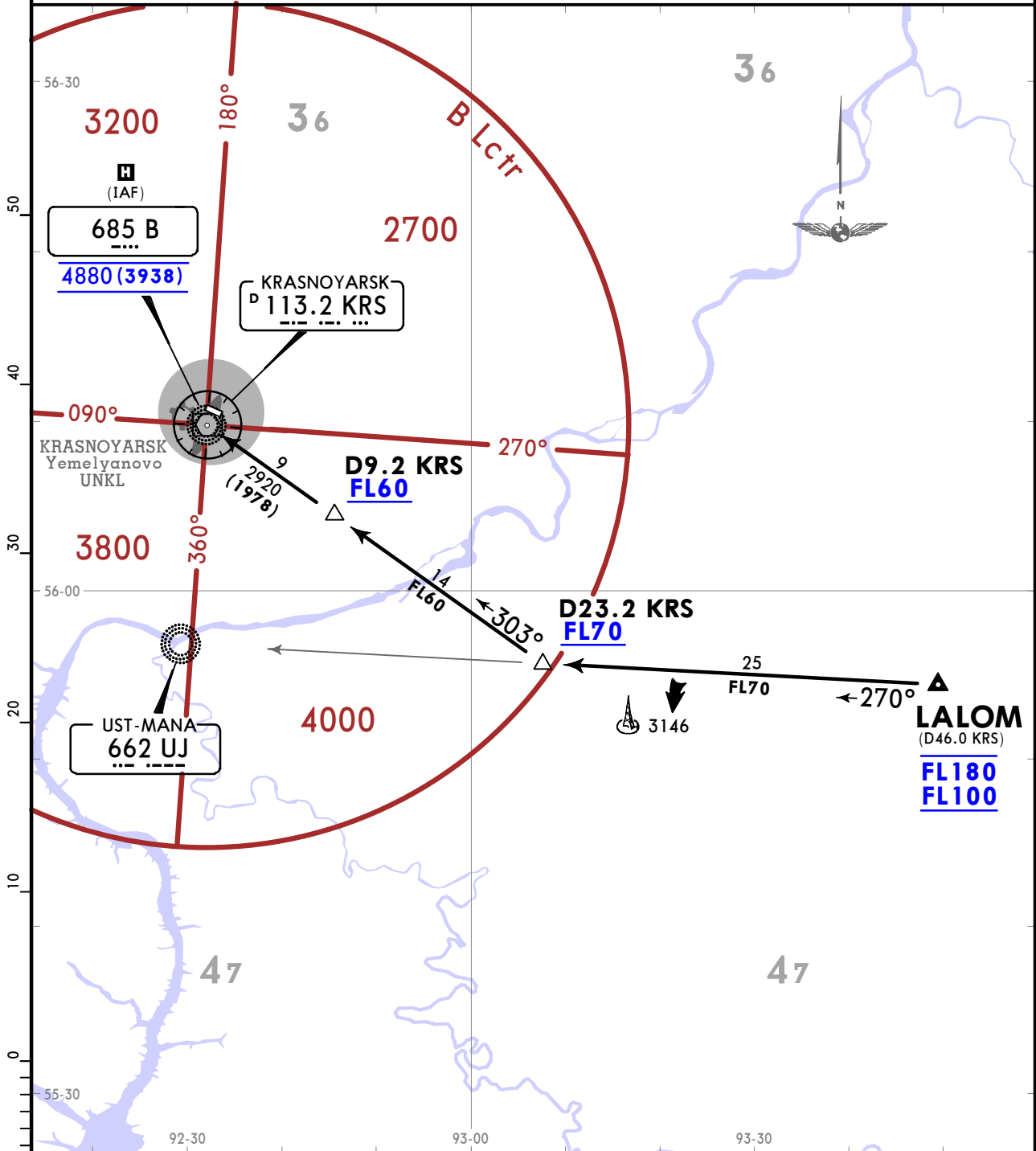
JEPPESEN
9 FEB 18 (20-2H)

KRASNOYARSK, RUSSIA

STAR

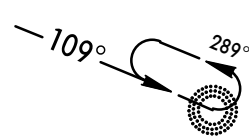
ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 1. DME required. 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.
Apt Elev 833	

LALOM 1P [LALO1P]
RWY 29 ARRIVAL
FOR RUSSIAN USERS ONLY



HOLDINGS OVER B

MAX FL140
 MHA 4880 (3938)
 MAX 220 KT
 MAX FL80
 MHA 3410 (2468)



ALT/HEIGHT CONVERSION
UNKL

QNH	(QFE)
4880	(3938 - 1200m)
3410	(2468 - 750m)

UNKM
CHEREMSHANKA

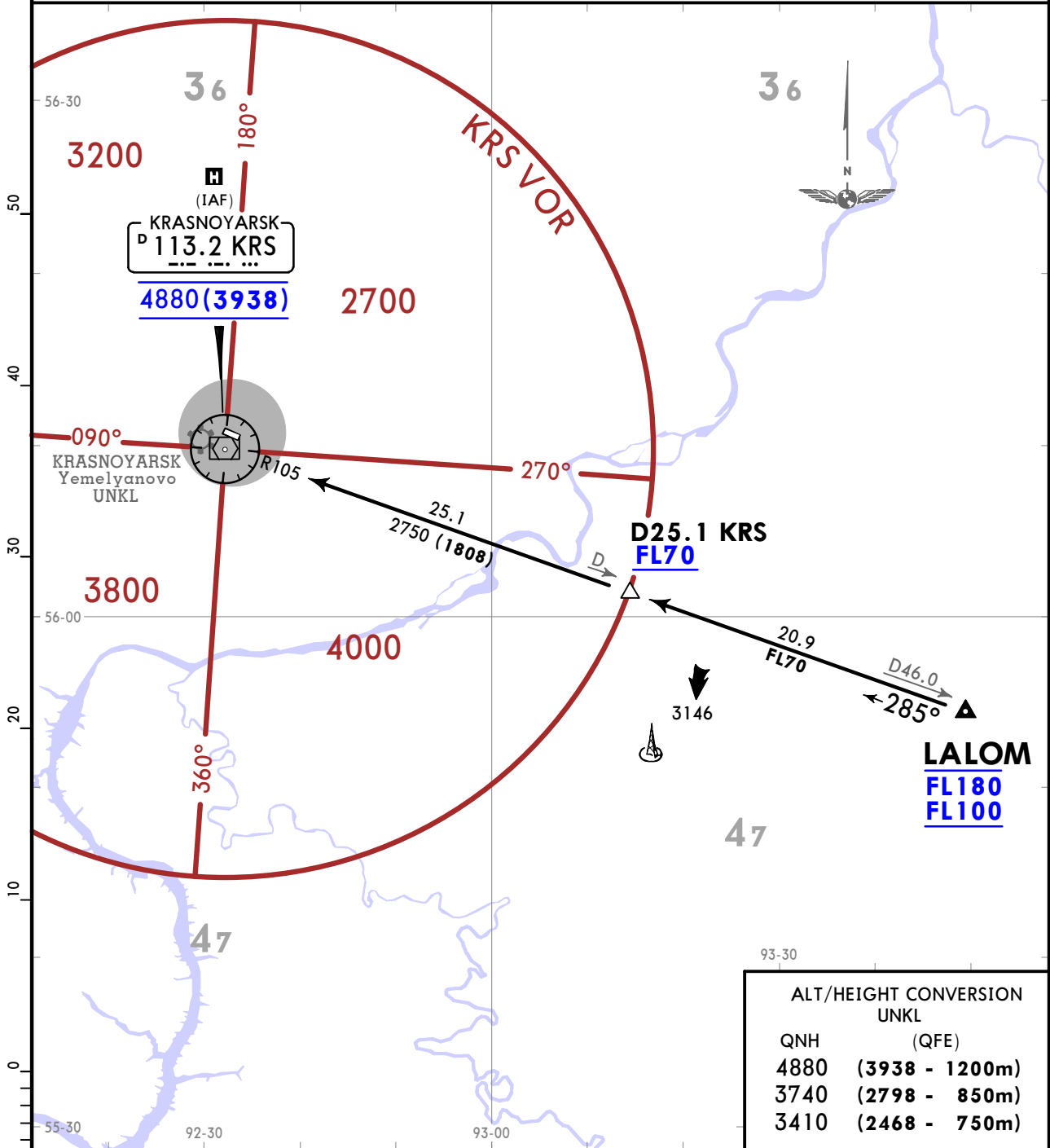
JEPPESEN
9 FEB 18 (20-2J)

KRASNOYARSK, RUSSIA

STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 1. DME required. 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.
Apt Elev 833	

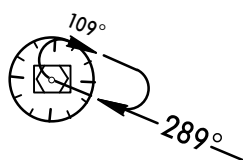
LALOM 1YA [LAL1YA]
RWYS 11, 29 ARRIVAL
FOR RUSSIAN USERS ONLY



HOLDINGS OVER KRS

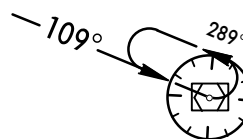
MAX FL140
MHA FL60

MAX 185 KT
MAX FL80
MHA 3740 (2798)



MAX FL140
MHA 4880 (3938)

MAX 215 KT
MAX FL80
MHA 3410 (2468)



UNKM
CHEREMSHANKA

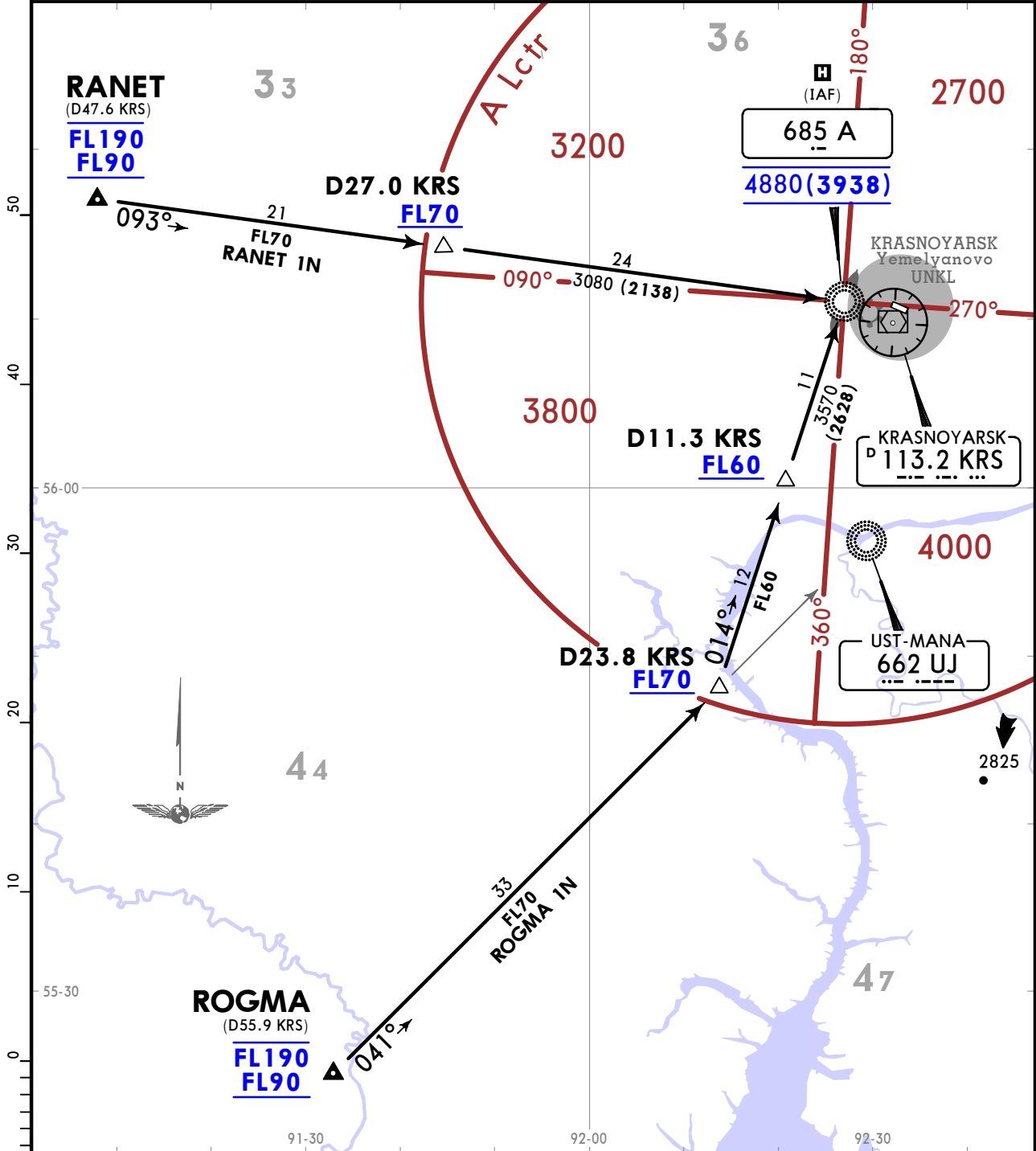
JEPPESEN
26 JAN 18 **(20-2K)** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

STAR

ATIS 126.8	Alt Set: MM (hPa on request) QHN on request (QFE) Trans level: FL60
Apt Elev 833	1. DME required. 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.

**RANET 1N [RANE1N]
ROGMA 1N [ROGM1N]
RWY 11 ARRIVALS
FOR RUSSIAN USERS ONLY**



HOLDINGS OVER A

MAX FL140
MHA FL60

MAX 200 KT
MAX FL80
MHA 3080 (2138)

ALT/HEIGHT CONVERSION UNKL

QNH	(QFE)
4880	(3938 - 1200m)
3080	(2138 - 650m)

UNKM
CHEREMSHANKA

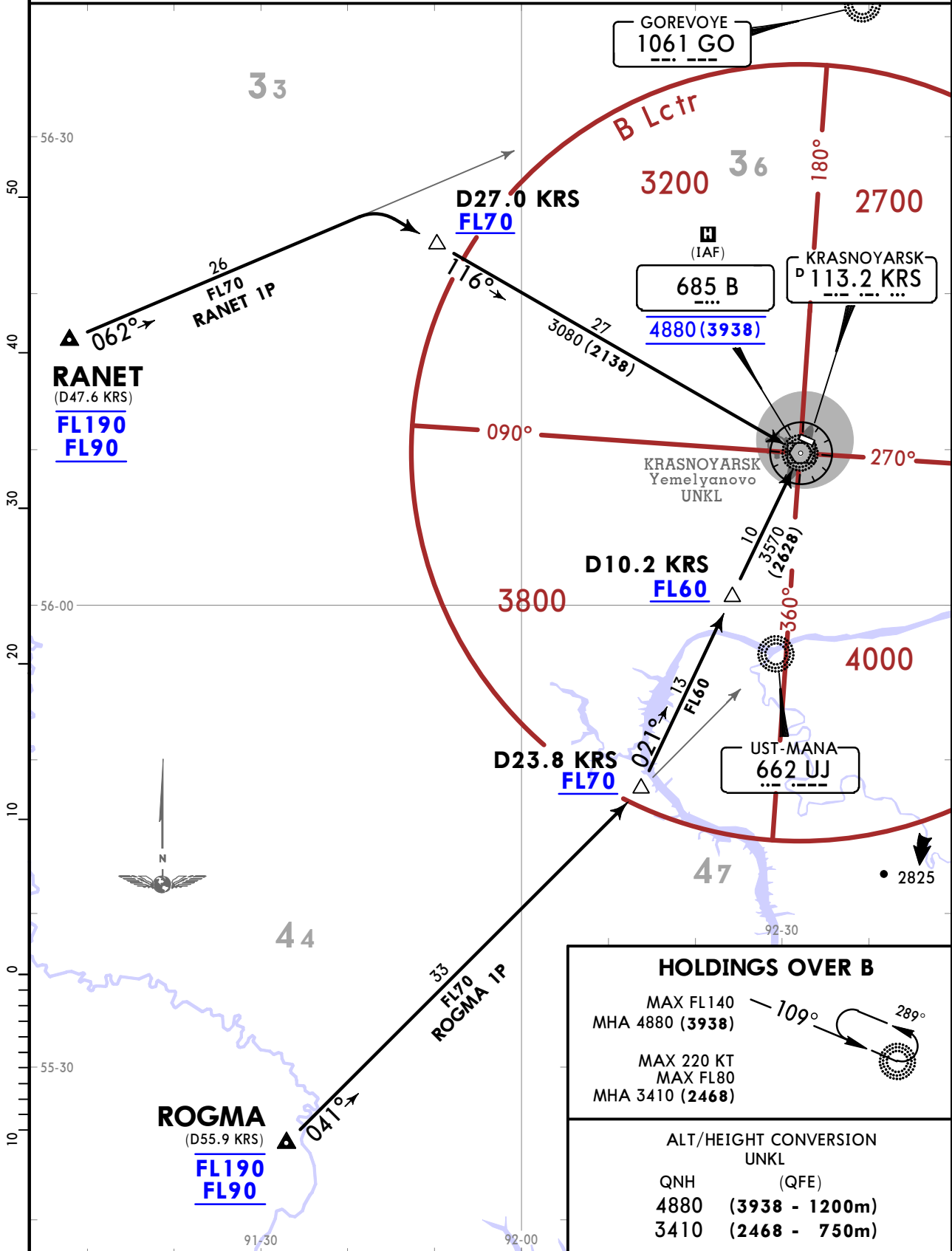
JEPPESEN
26 JAN 18 **20-2L** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 1. DME required.
Apt Elev 833	2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.

**RANET 1P [RANE1P]
ROGMA 1P [ROGM1P]
RWY 29 ARRIVALS
FOR RUSSIAN USERS ONLY**



UNKM
CHEREMSHANKA

JEPPESEN
26 JAN 18 (20-2M) Eff 1 Feb

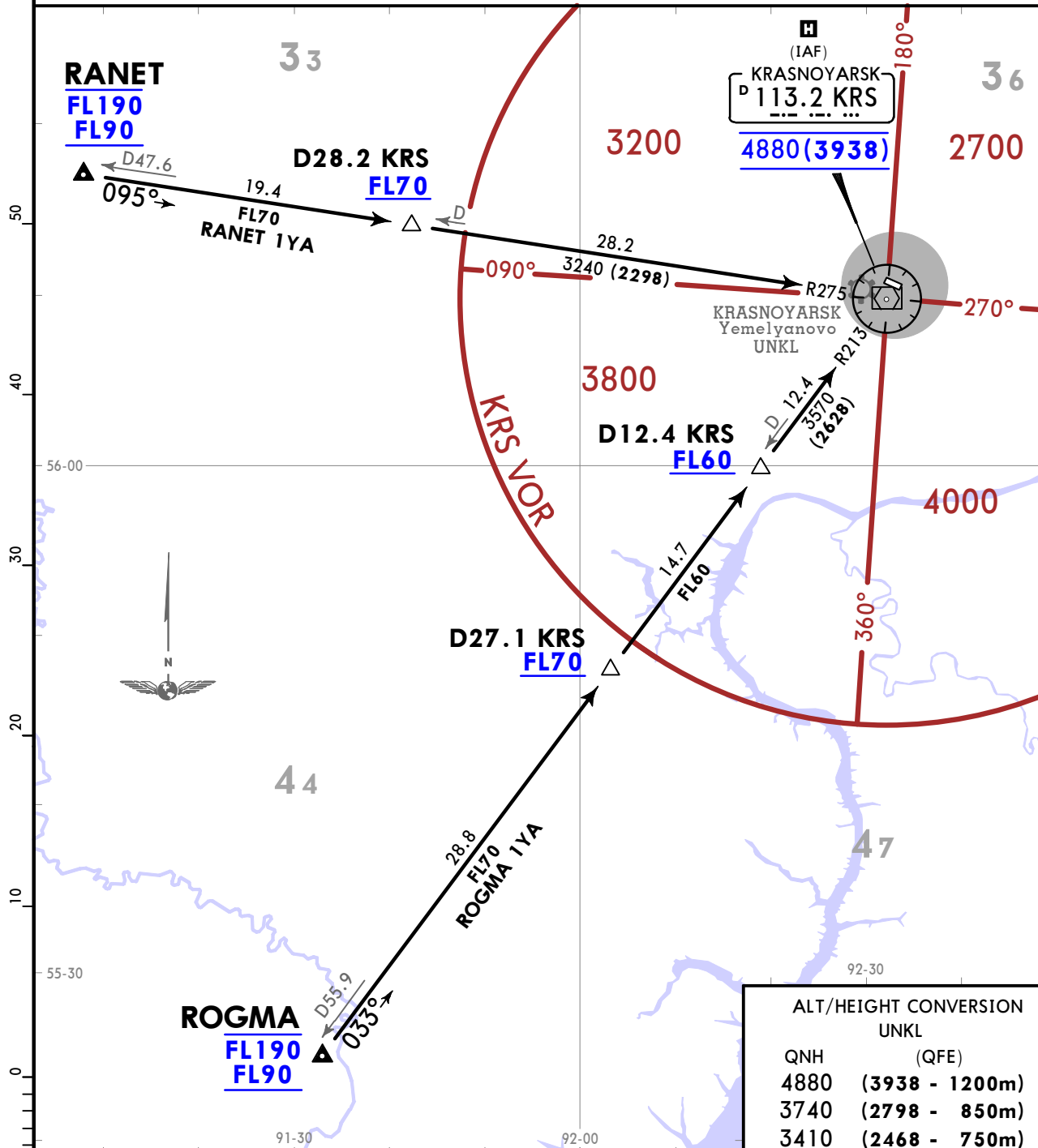
KRASNOYARSK, RUSSIA
STAR

ATIS
126.8

Apt Elev
833

Alt Set: MM (hPa on request) QHN on request (QFE)
Trans level: FL60
1. **DME required.**
2. **WARNING:** Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.

RANET 1YA [RAN1YA]
ROGMA 1YA [ROG1YA]
RWYS 11, 29 ARRIVALS
FOR RUSSIAN USERS ONLY



HOLDINGS OVER KRS

MAX FL140
MHA FL60

MAX 185 KT
MAX FL80
MHA 3740 (2798)

MAX FL140
MHA 4880 (3938)

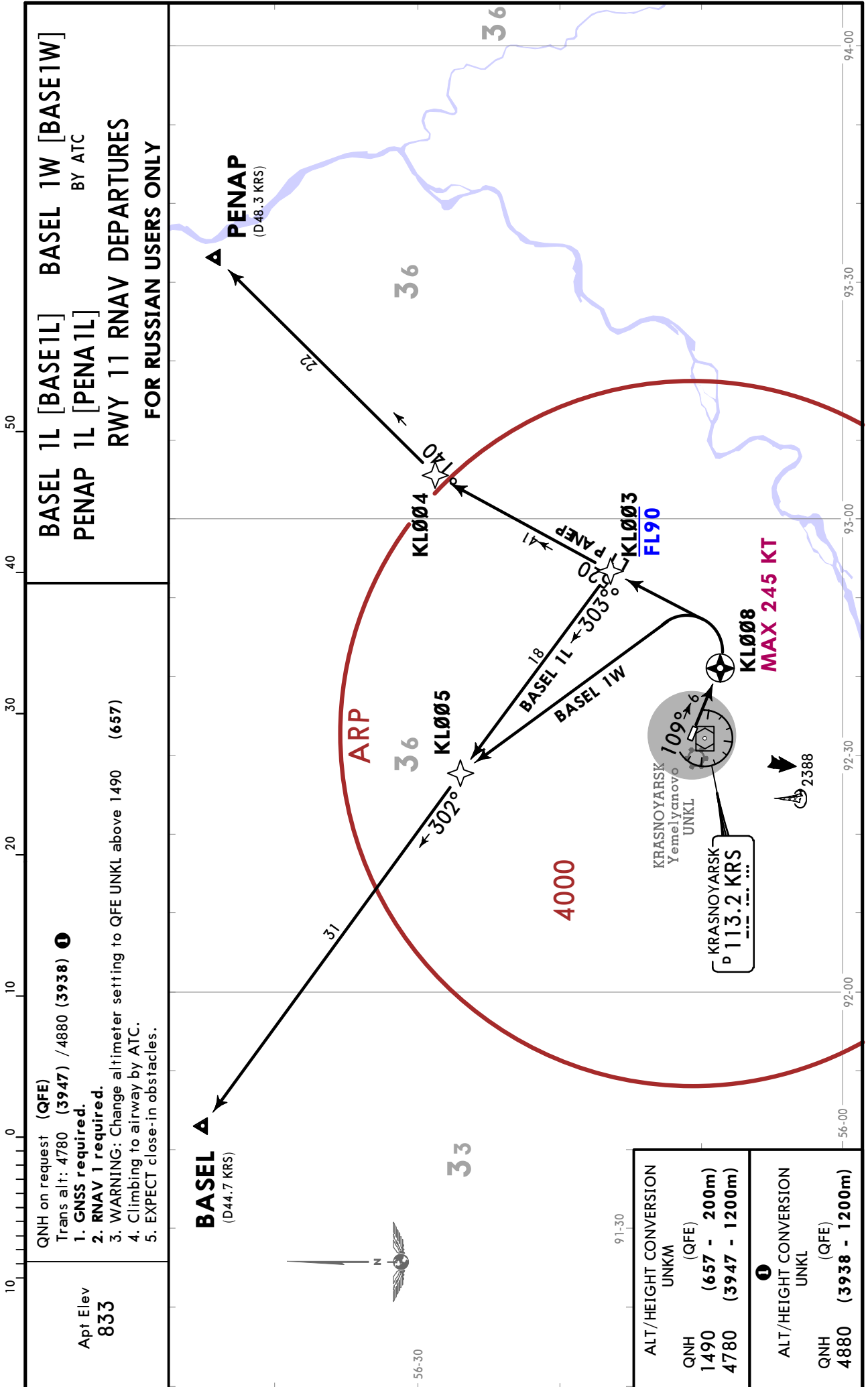
MAX 215 KT
MAX FL80
MHA 3410 (2468)

UNKM
CHEREMSHANKA

JEPPESSEN
26 JAN 18 **20-3** Eff 1 Feb

KRASNOYARSK, RUSSIA

RNAV SID

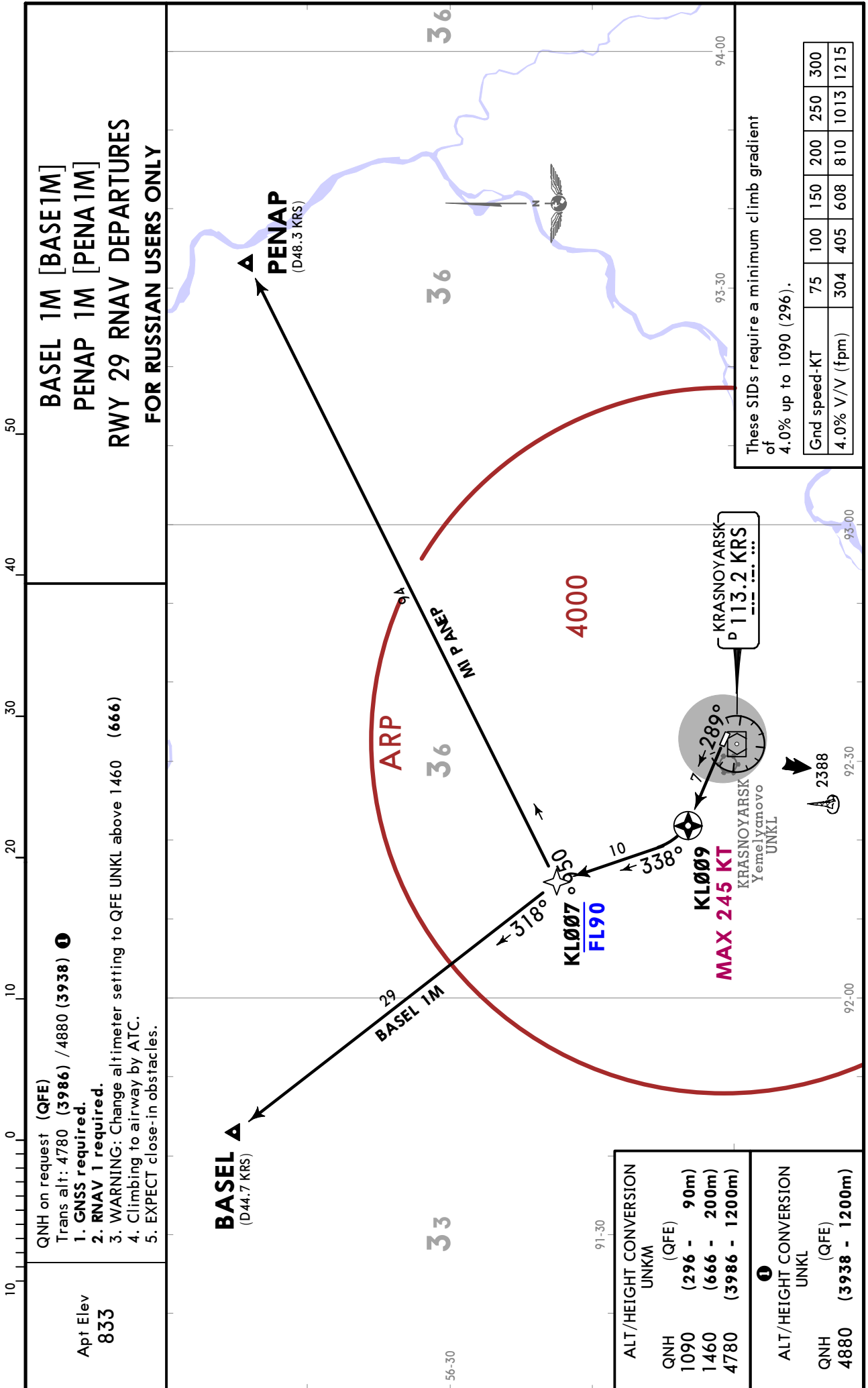


UNKM
CHEREMSHANKA

JEPPESSEN
26 JAN 18 **(20-3A)** Eff 1 Feb

KRASNOYARSK, RUSSIA

RNAV SID



UNKM
CHEREMSHANKA

JEPPESEN
26 JAN 18 **(20-3B)** Eff 1 Feb

KRASNOYARSK, RUSSIA
RNAV SID

Apt Elev
833

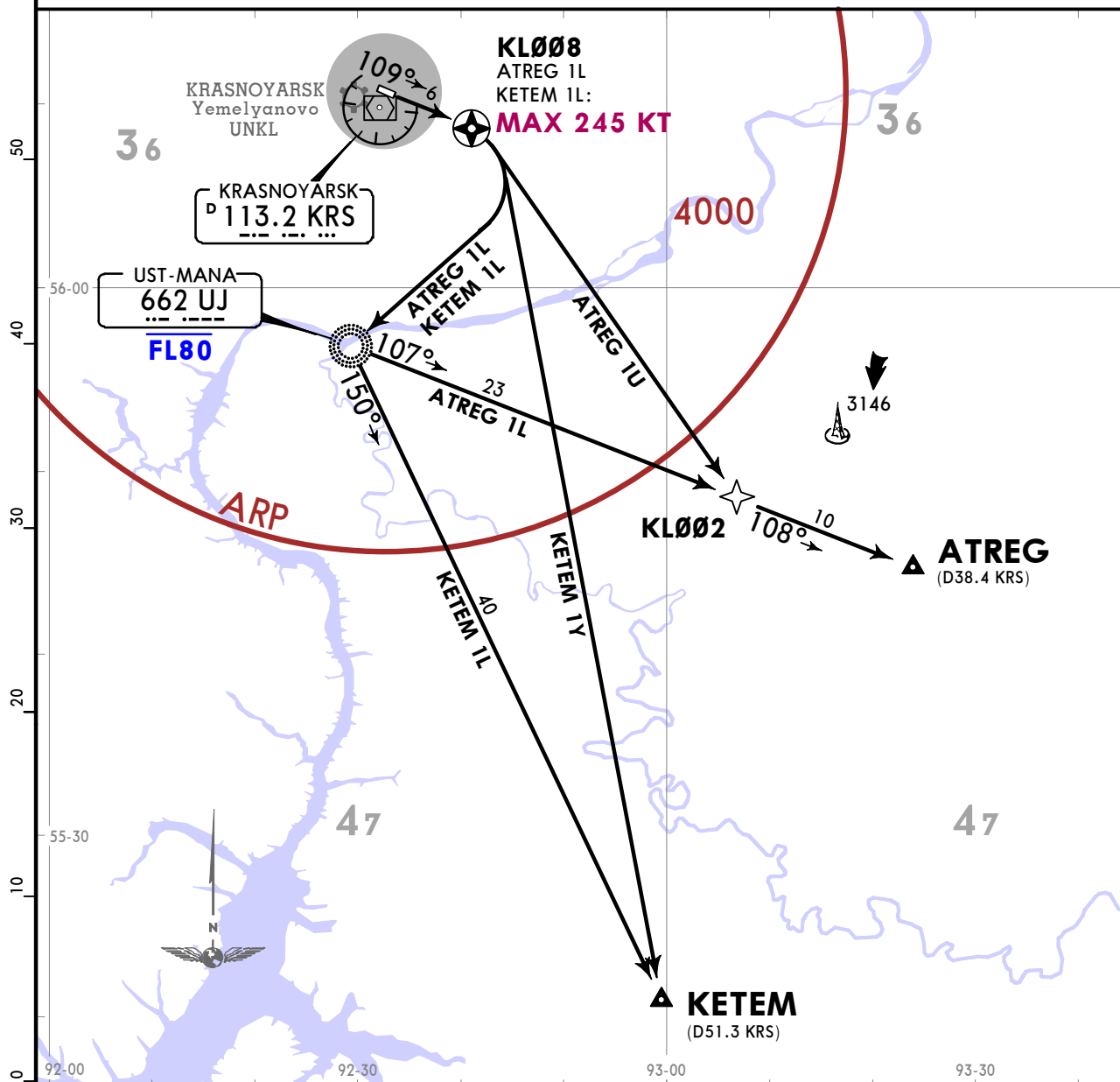
- QNH on request (QFE)
Trans alt: 4780 (3947) / 4880 (3938) ①
1. GNSS required.
 2. RNAV 1 required.
 3. WARNING: Change altimeter setting to QFE UNKL above 1490 (657)
 4. Climbing to airway by ATC.
 5. EXPECT close-in obstacles.

ATREG 1L [ATRE1L]
KETEM 1L [KETE1L]

ATREG 1U [ATRE1U]
KETEM 1Y [KETE1Y]

BY ATC

RWY 11 RNAV DEPARTURES
FOR RUSSIAN USERS ONLY



These SIDs require minimum climb gradients of

- ATREG 1L, KETEM 1L:** 4.8% up to FL60 due to airspace limitation.
- ATREG 1U:** 3.7% up to 4720 (3778) du to airspace limitation.
- KETEM 1Y:** 4.5% 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
4.5% V/V (fpm)	342	456	684	911	1139	1367
4.8% V/V (fpm)	365	486	729	972	1215	1458

ALT/HEIGHT CONVERSION
UNKM

QNH	(QFE)
1490	(657 - 200m)
4780	(3947 - 1200m)

① **ALT/HEIGHT CONVERSION**
UNKL

QNH	(QFE)
4720	(3778 - 1150m)
4880	(3938 - 1200m)

UNKM
CHEREMSHANKA

JEPPESEN
26 JAN 18 **20-3C** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

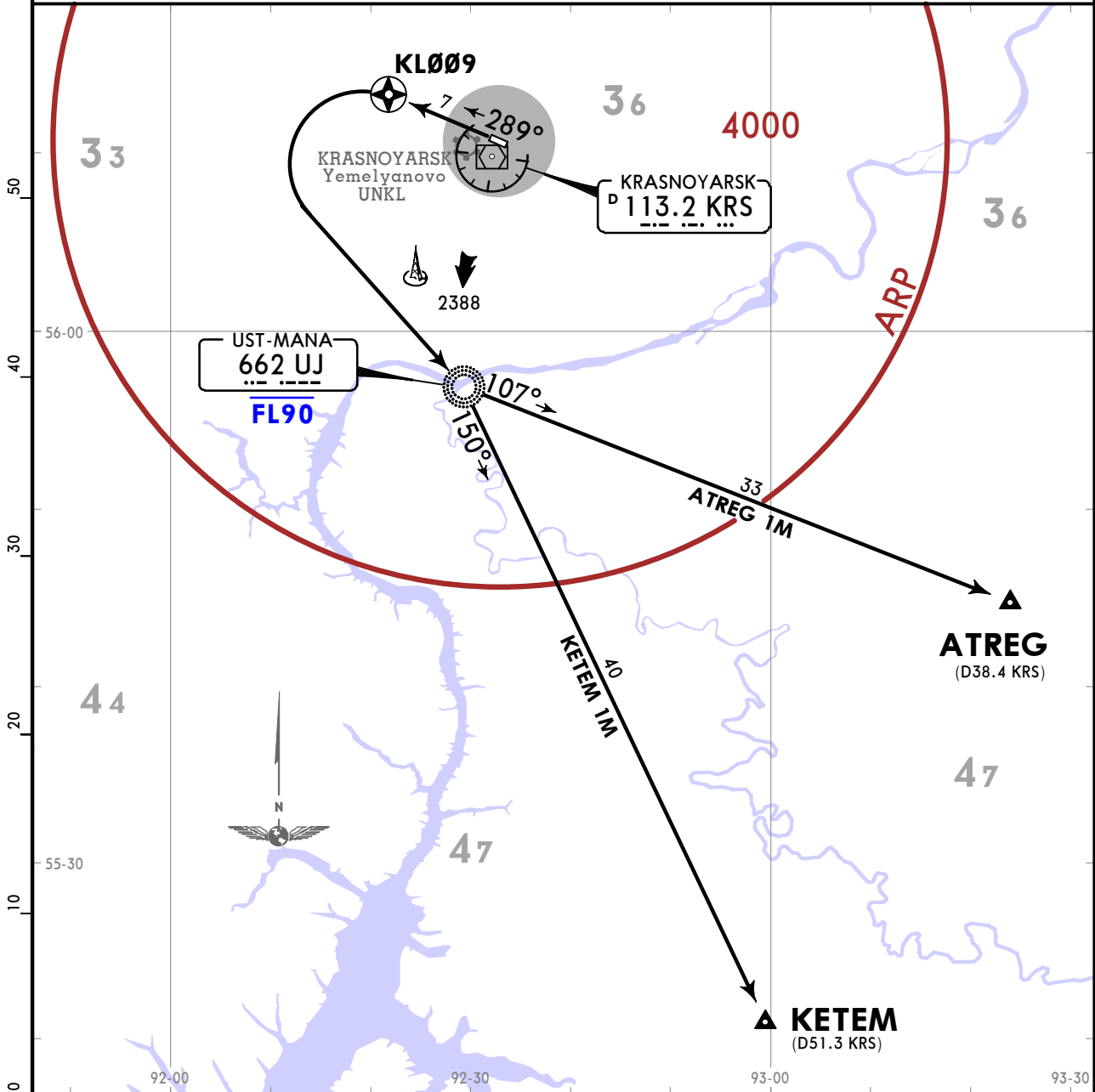
RNAV SID

Apt Elev **833**

QNH on request (QFE)
Trans alt: 4780 (3986) / 4880 (3938) **①**

- GNSS required.**
- RNAV 1 required.**
- WARNING:** Change altimeter setting to QFE UNKL above 1460 (666)
- Climbing to airway by ATC.
- EXPECT** close-in obstacles.

ATREG 1M [ATRE1M]
KETEM 1M [KETE1M]
RWY 29 RNAV DEPARTURES
FOR RUSSIAN USERS ONLY



These SIDs require minimum climb gradients of
4.0% up to 1090 (296),
3.9% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.9% V/V (fpm)	296	395	592	790	987	1185
4.0% V/V (fpm)	304	405	608	810	1013	1215

ALT/HEIGHT CONVERSION UNKM

QNH	(QFE)
1090	(296 - 90m)
1460	(666 - 200m)
4780	(3986 - 1200m)

① ALT/HEIGHT CONVERSION UNKL

QNH	(QFE)
4880	(3938 - 1200m)

UNKM
CHEREMSHANKA

JEPPESEN
26 JAN 18 **(20-3D)** Eff 1 Feb

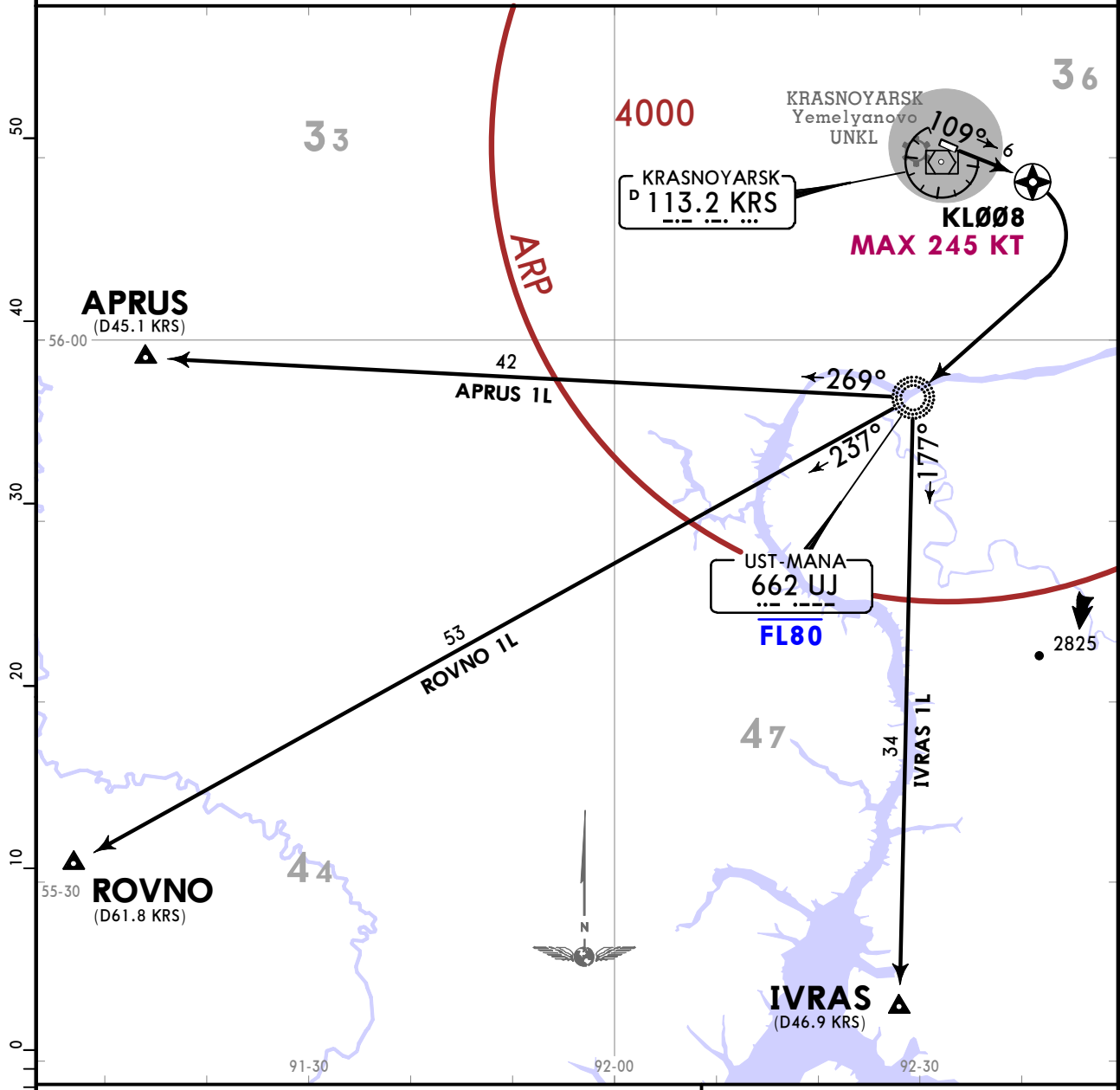
KRASNOYARSK, RUSSIA
RNAV SID

Apt Elev **833**

QNH on request (QFE)
Trans alt: 4780 (3947) / 4880 (3938) ①

1. GNSS required.
2. RNAV 1 required.
3. WARNING: Change altimeter setting to QFE UNKL above 1490 (657)
4. Climbing to airway by ATC.
5. EXPECT close-in obstacles.

APRUS 1L [APRU1L]
IVRAS 1L [IVRA1L]
ROVNO 1L [ROVN1L]
RWY 11 RNAV DEPARTURES
FOR RUSSIAN USERS ONLY



These SIDs require minimum climb gradients of

APRUS 1L: 4.6% up to FL60 due to airspace limitation.
IVRAS 1L: 4.7% up to FL60 due to airspace limitation.
ROVNO 1L: 4.3% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
4.3% V/V (fpm)	327	435	653	871	1089	1306
4.6% V/V (fpm)	349	466	699	932	1165	1397
4.7% V/V (fpm)	357	476	714	952	1190	1428

ALT/HEIGHT CONVERSION UNKM

QNH	(QFE)
1490	(657 - 200m)
4780	(3947 - 1200m)

① ALT/HEIGHT CONVERSION UNKL

QNH	(QFE)
4880	(3938 - 1200m)

UNKM
CHEREMSHANKA

JEPPESEN
26 JAN 18 **(20-3E)** **Eff 1 Feb**

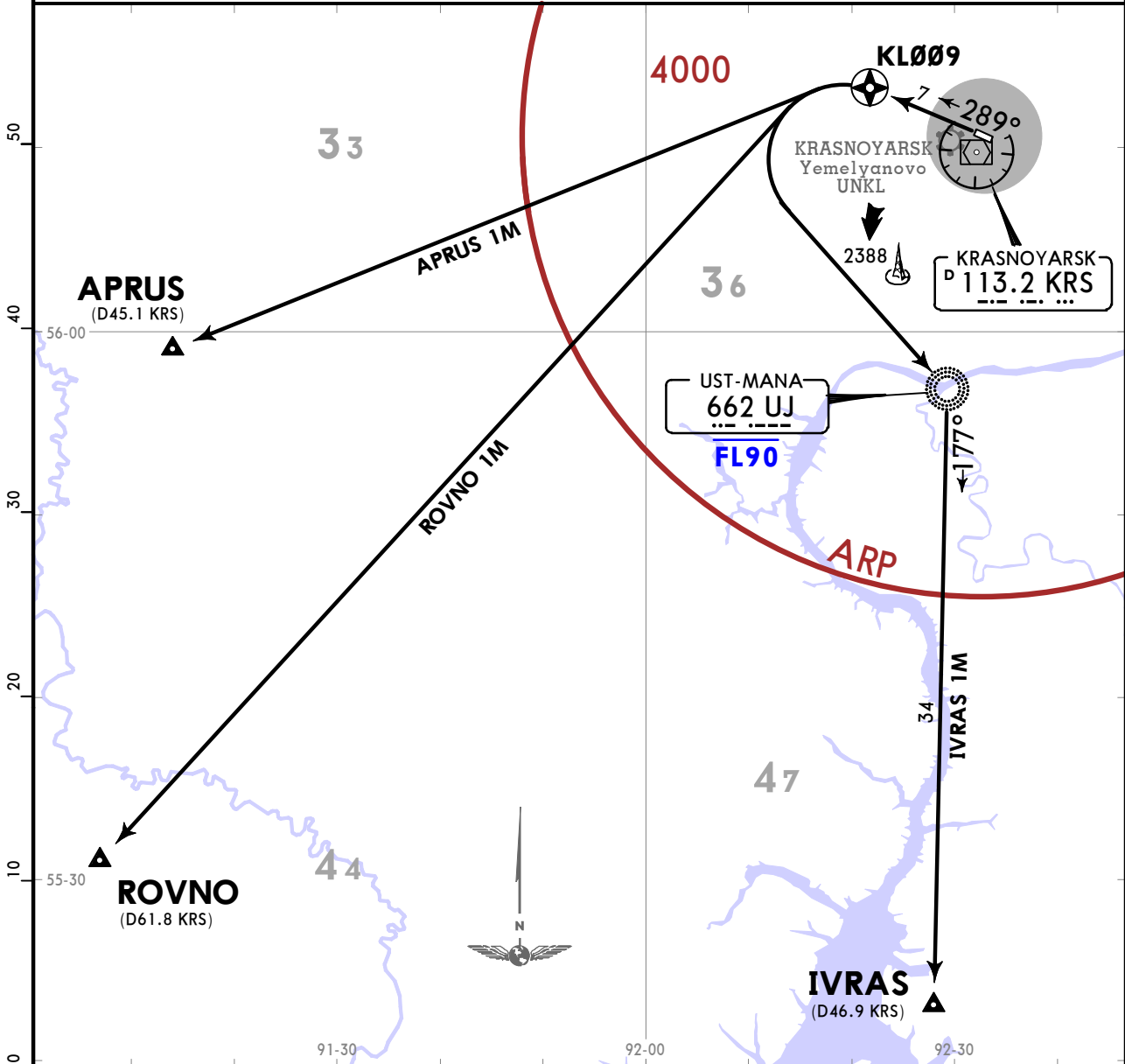
KRASNOYARSK, RUSSIA
RNAV SID

Apt Elev **833**

QNH on request (QFE)
Trans alt: 4780 (3986) / 4880 (3938) ①

1. GNSS required.
2. RNAV 1 required.
3. WARNING: Change altimeter setting to QFE UNKL above 1460 (666)
4. Climbing to airway by ATC.
5. EXPECT close-in obstacles.

APRUS 1M [APRU1M]
IVRAS 1M [IVRA1M]
ROVNO 1M [ROVN1M]
RWY 29 RNAV DEPARTURES
FOR RUSSIAN USERS ONLY



These SIDs require minimum climb gradients of

APRUS 1M, ROVNO 1M: 4.0% up to 1090 (296),
IVRAS 1M: 4.0% up to 1090 (296),
3.9% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.9% V/V (fpm)	296	395	592	790	987	1185
4.0% V/V (fpm)	304	405	608	810	1013	1215

ALT/HEIGHT CONVERSION UNKM	
QNH (QFE)	
1090	(296 - 90m)
1460	(666 - 200m)
4780	(3986 - 1200m)

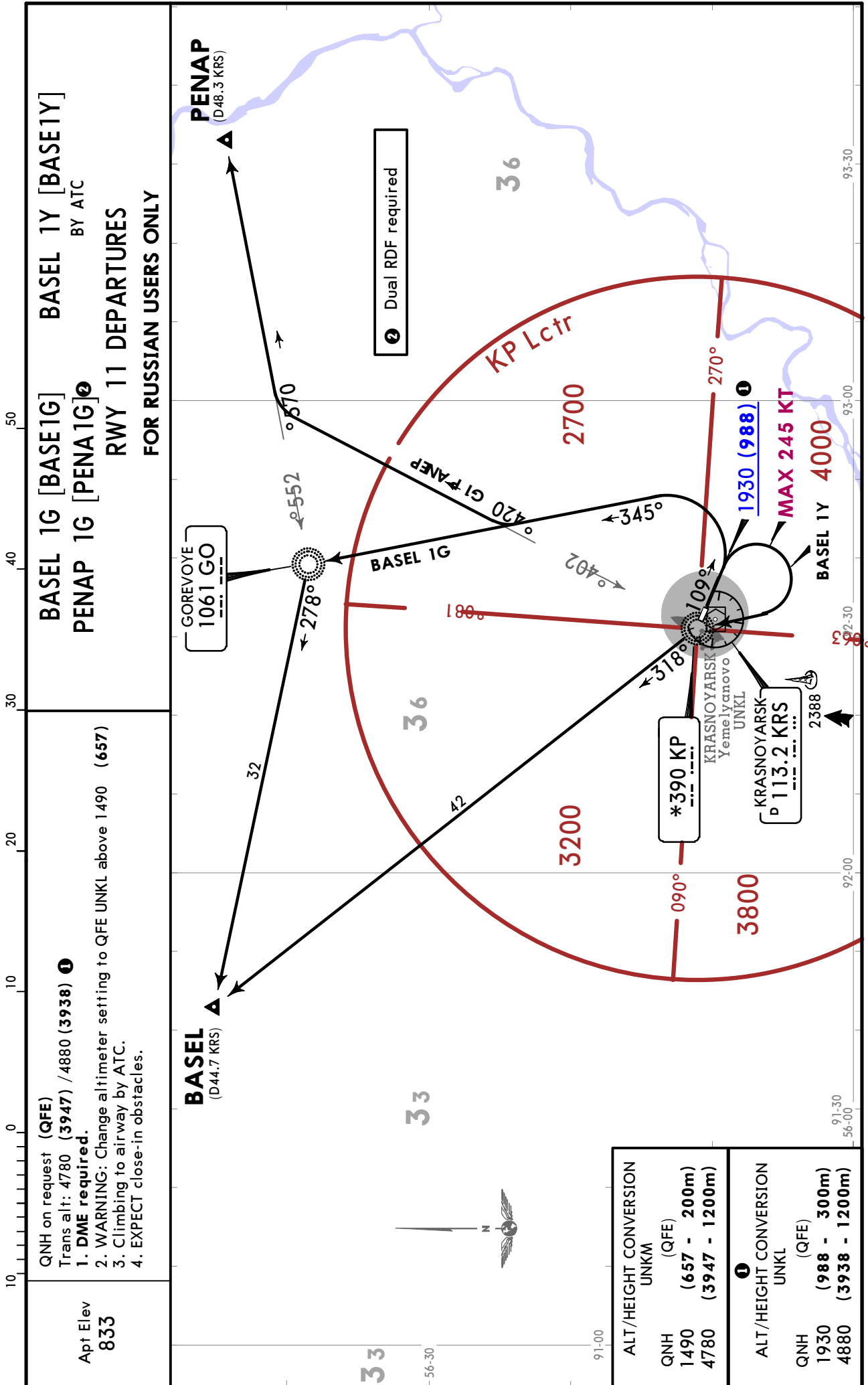
① ALT/HEIGHT CONVERSION UNKL	
QNH (QFE)	
4880	(3938 - 1200m)

UNKM
CHEREMSHANKA

JEPPESEN
26 JAN 18 20-3F Eff 1 Feb

KRASNOYARSK, RUSSIA

SID

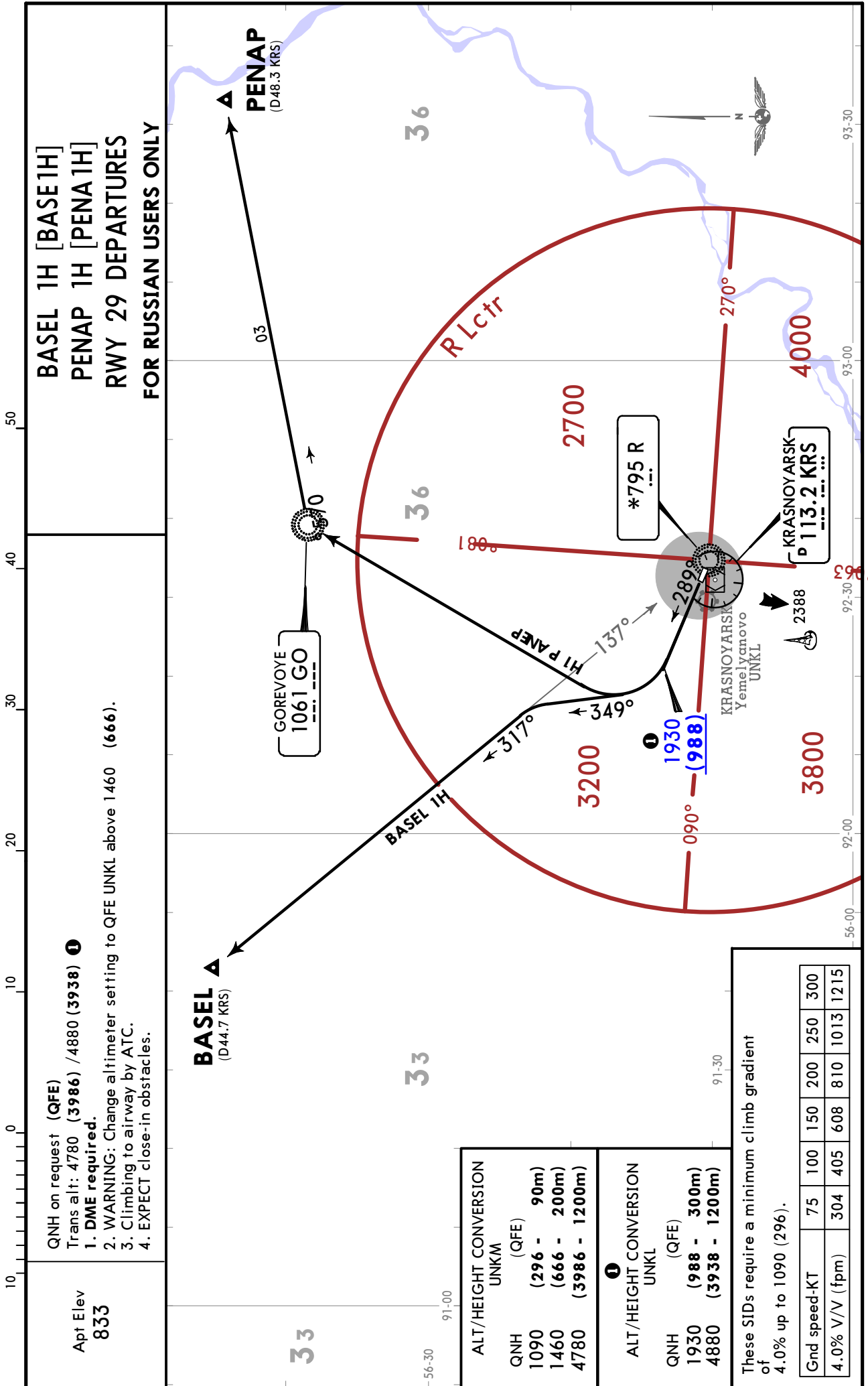


UNKM
CHEREMSHANKA

JEPPESSEN
26 JAN 18 (20-3G) Eff 1 Feb

KRASNOYARSK, RUSSIA

SID

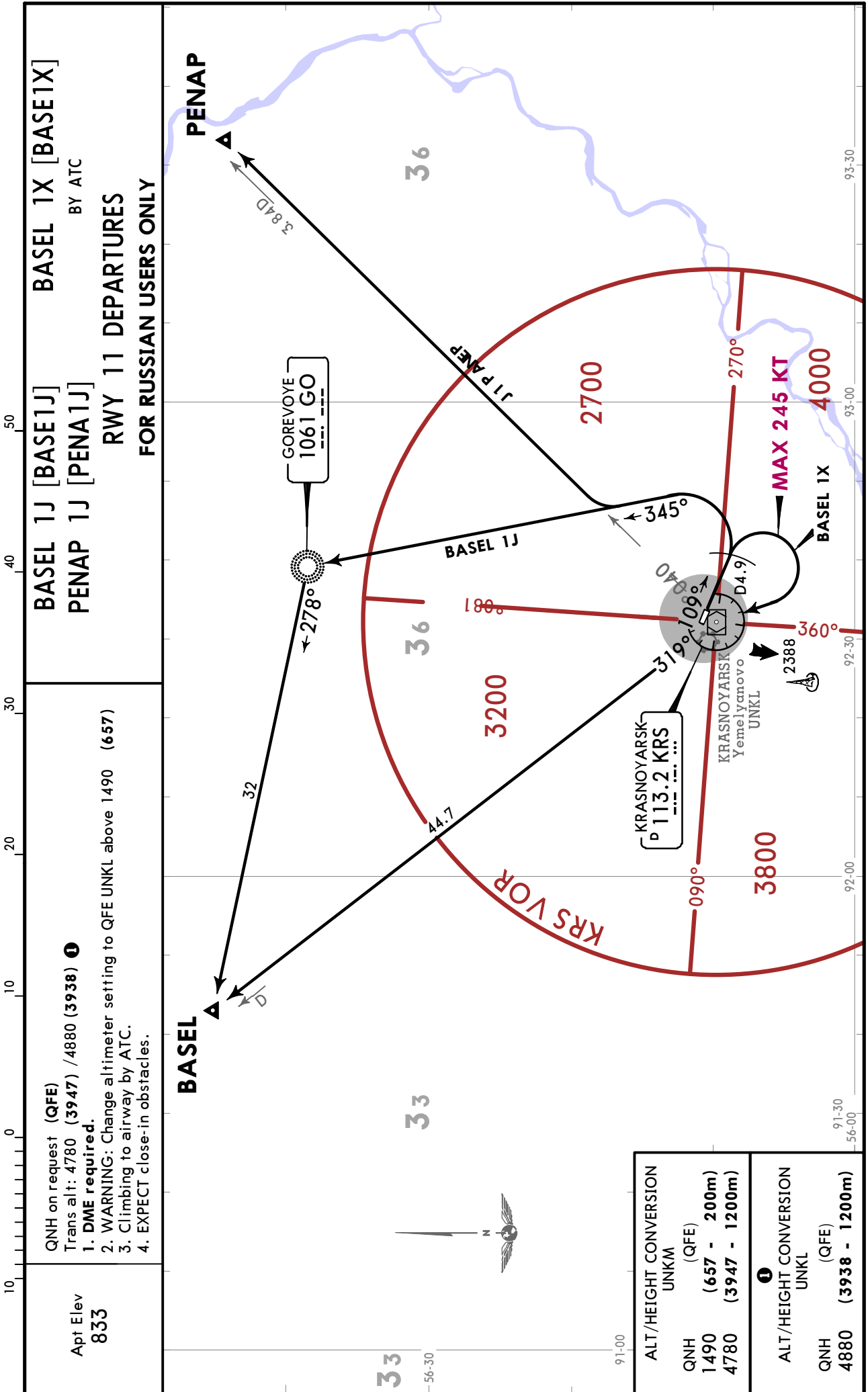


UNKM
CHEREMSHANKA

JEPPESEN 26 JAN 18 **20-3H** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

SID

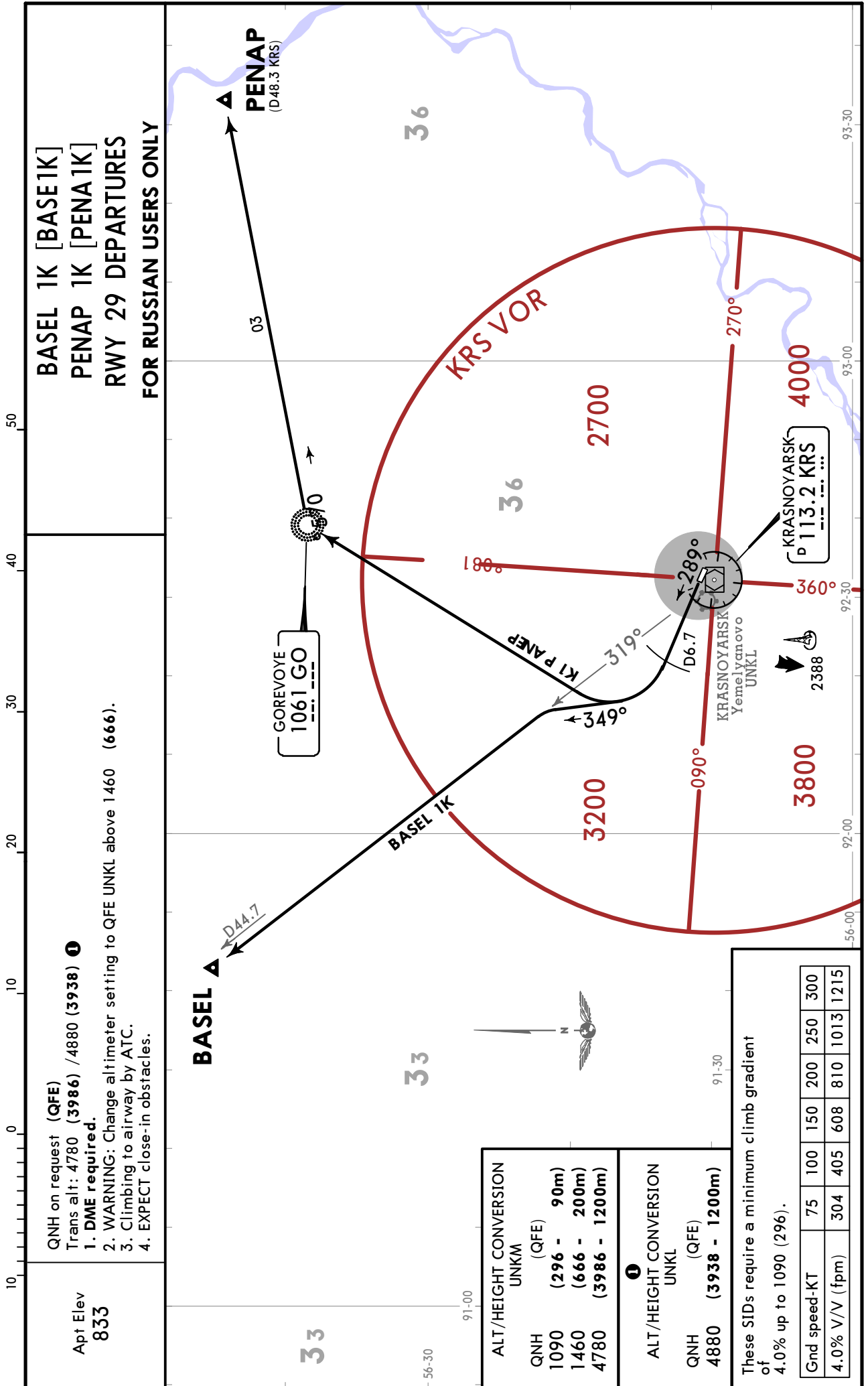


UNKM CHEREMSHANKA

26 JAN 18 (20-3J) Eff 1 Feb

KRASNOYARSK, RUSSIA

SID



UNKM
CHEREMSHANKA

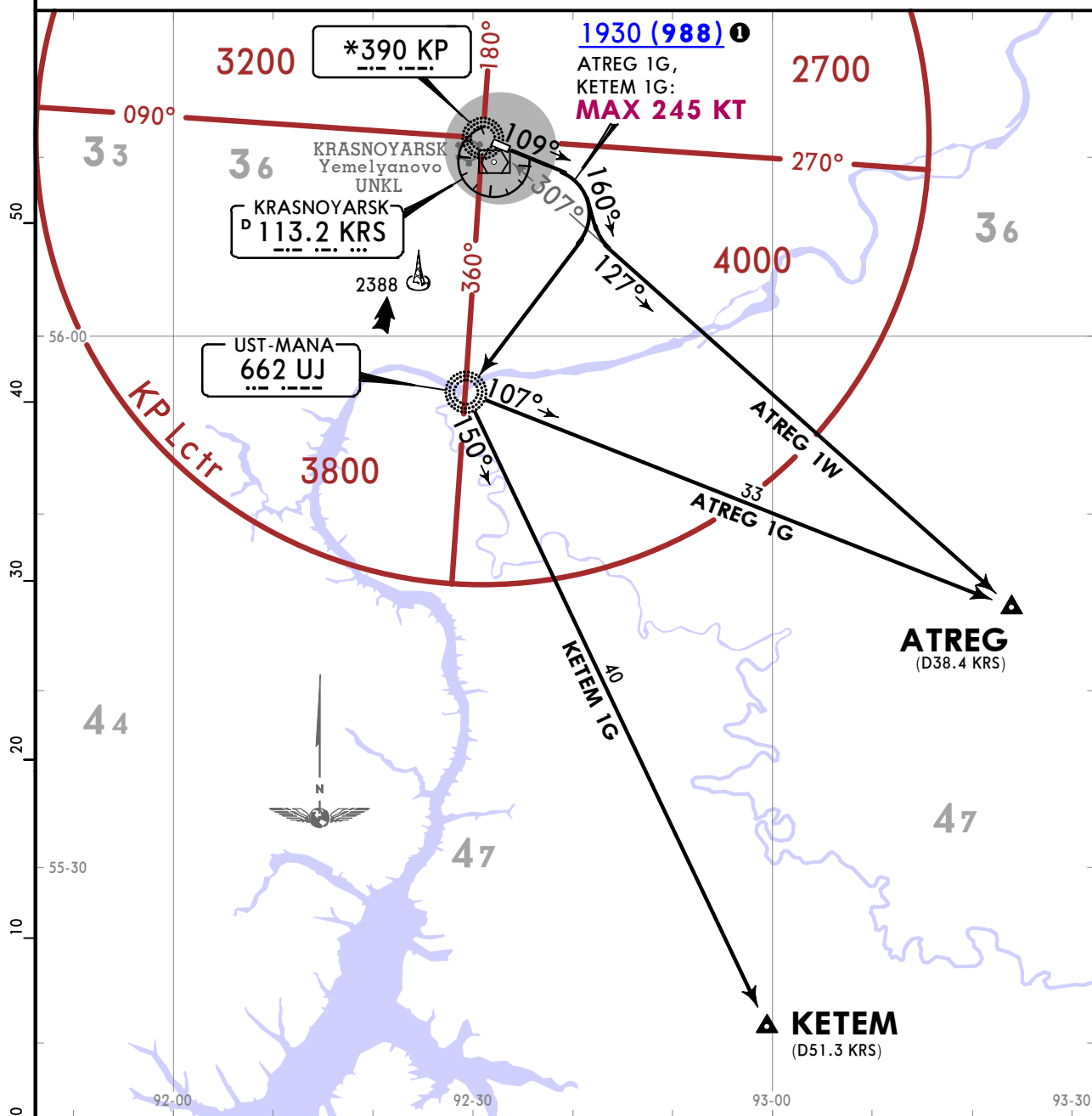
JEPPESEN
26 JAN 18 (20-3K) Eff 1 Feb

KRASNOYARSK, RUSSIA

SID

Apt Elev **833**
QNH on request (QFE)
Trans alt: 4780 (3947) / 4880 (3938) ①
1. **DME required.**
2. **WARNING:** Change altimeter setting to QFE UNKL above 1490 (657)
3. Climbing to airway by ATC.
4. **EXPECT** close-in obstacles.

ATREG 1G [ATRE1G] ATREG 1W [ATRE1W]
KETEM 1G [KETE1G] **BY ATC**
RWY 11 DEPARTURES
FOR RUSSIAN USERS ONLY



These SIDs require minimum climb gradients of

- ATREG 1G:** 4.1% up to FL60 due to airspace limitation.
- ATREG 1W:** 4.4% up to FL60 due to airspace limitation.
- KETEM 1G:** 3.5% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.5% V/V (fpm)	266	354	532	709	886	1063
4.1% V/V (fpm)	311	415	623	830	1038	1246
4.4% V/V (fpm)	334	446	668	891	1114	1337

ALT/HEIGHT CONVERSION UNKM

QNH	(QFE)
1490	(657 - 200m)
4780	(3947 - 1200m)

① **ALT/HEIGHT CONVERSION UNKL**

QNH	(QFE)
1930	(988 - 300m)
4880	(3938 - 1200m)

UNKM
CHEREMSHANKA

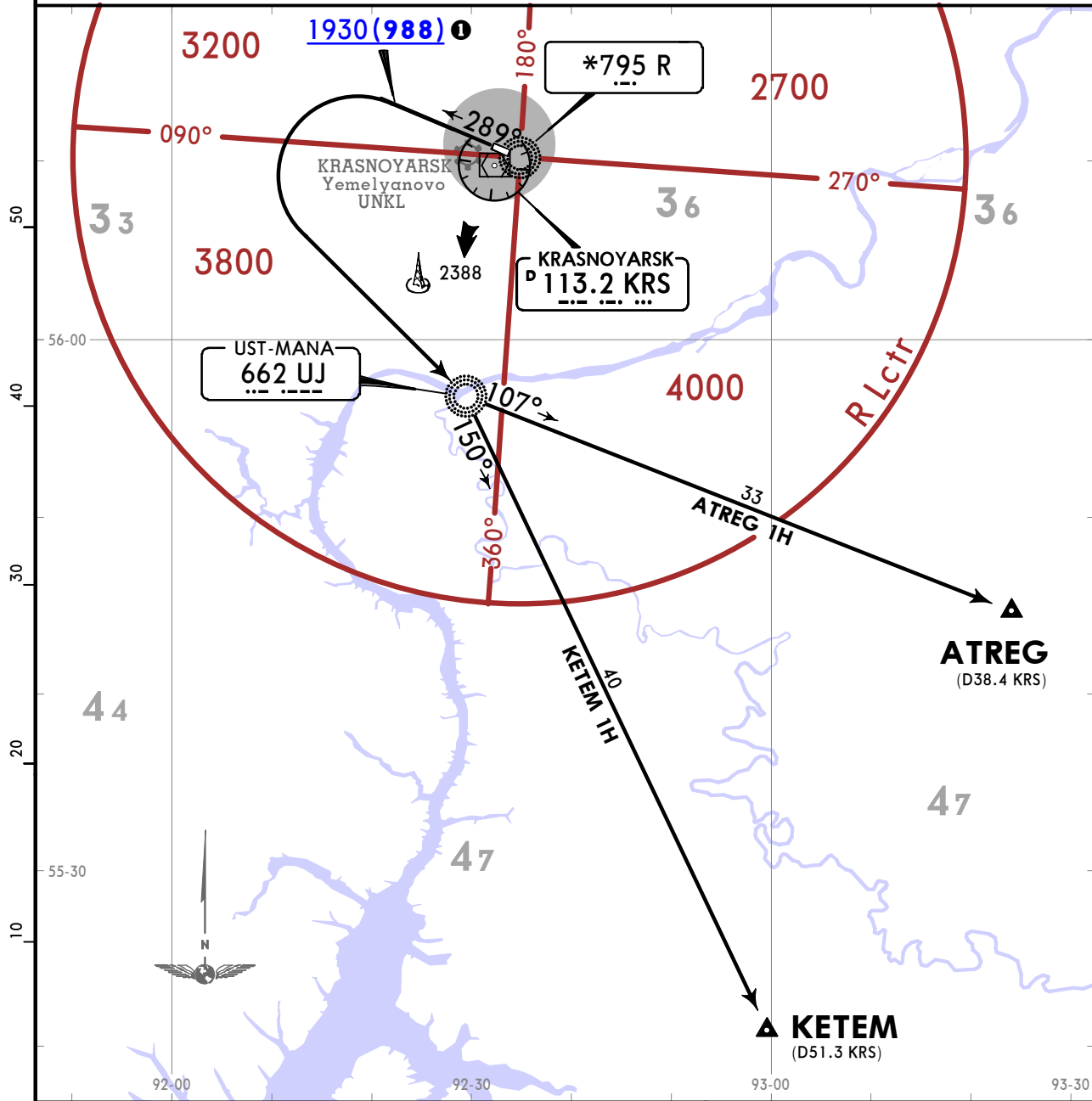
JEPPESEN
 26 JAN 18 **20-3L** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

SID

Apt Elev **833**
 QNH on request (QFE)
 Trans alt: 4780 (3986) / 4880 (3938) ①
1. DME required.
2. WARNING: Change altimeter setting to QFE UNKL above 1460 (666).
3. Climbing to airway by ATC.
4. EXPECT close-in obstacles.

**ATREG 1H [ATRE1H]
 KETEM 1H [KETE1H]
 RWY 29 DEPARTURES
 FOR RUSSIAN USERS ONLY**



These SIDs require minimum climb gradients of
 4.0% up to 1090 (296),
 4.3% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
4.0% V/V (fpm)	304	405	608	810	1013	1215
4.3% V/V (fpm)	327	435	653	871	1089	1306

ALT/HEIGHT CONVERSION UNKM	
QNH	(QFE)
1090	(296 - 90m)
1460	(666 - 200m)
4780	(3986 - 1200m)

① ALT/HEIGHT CONVERSION UNKL	
QNH	(QFE)
1930	(988 - 300m)
4880	(3938 - 1200m)

UNKM
CHEREMSHANKA

JEPPESEN
26 JAN 18 **(20-3M)** Eff 1 Feb

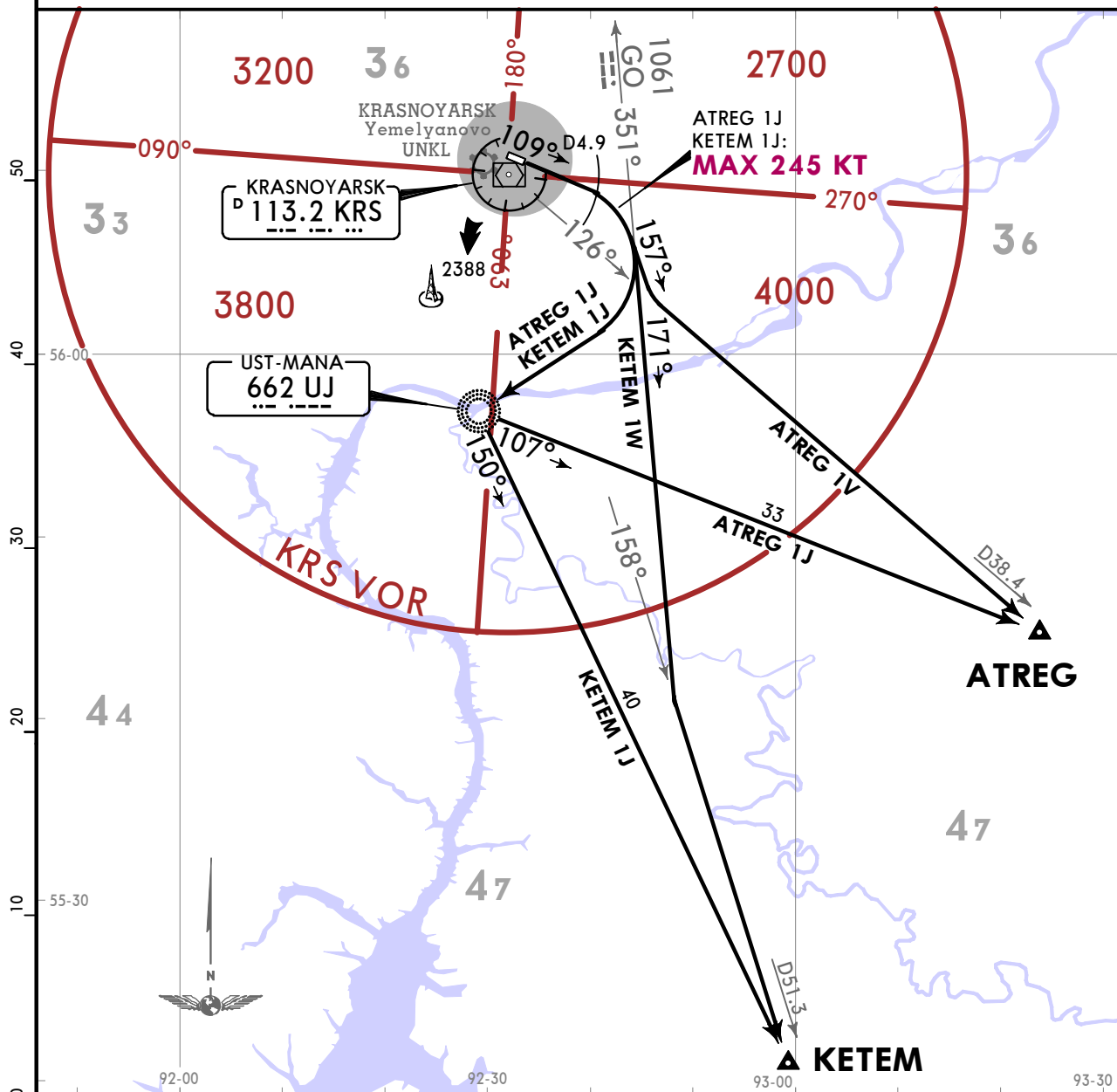
KRASNOYARSK, RUSSIA

SID

Apt Elev **833**
QNH on request (QFE)
Trans alt: 4780 (3947) / 4880 (3938) ①
1. **DME required.**
2. **WARNING:** Change altimeter setting to QFE UNKL above 1490 (657)
3. Climbing to airway by ATC.
4. EXPECT close-in obstacles.

ATREG 1J [ATRE1J] ATREG 1V [ATRE1V]
KETEM 1J [KETE1J] KETEM 1W [KETE1W]
BY ATC

RWY 11 DEPARTURES
FOR RUSSIAN USERS ONLY



These SIDs require minimum climb gradients of

- ATREG 1J:** 3.6% up to FL60 due to airspace limitation.
- ATREG 1V:** 3.7% up to 4720 (3778) due to airspace limitation.
- KETEM 1J:** 3.7% up to FL60 due to airspace limitation.
- KETEM 1W:** 4.8% 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
4.8% V/V (fpm)	365	486	729	972	1215	1458

ALT/HEIGHT CONVERSION UNKM

QNH	(QFE)
1490	(657 - 200m)
4780	(3947 - 1200m)

① **ALT/HEIGHT CONVERSION UNKL**

QNH	(QFE)
4720	(3778 - 1150m)
4880	(3938 - 1200m)

UNKM
CHEREMSHANKA

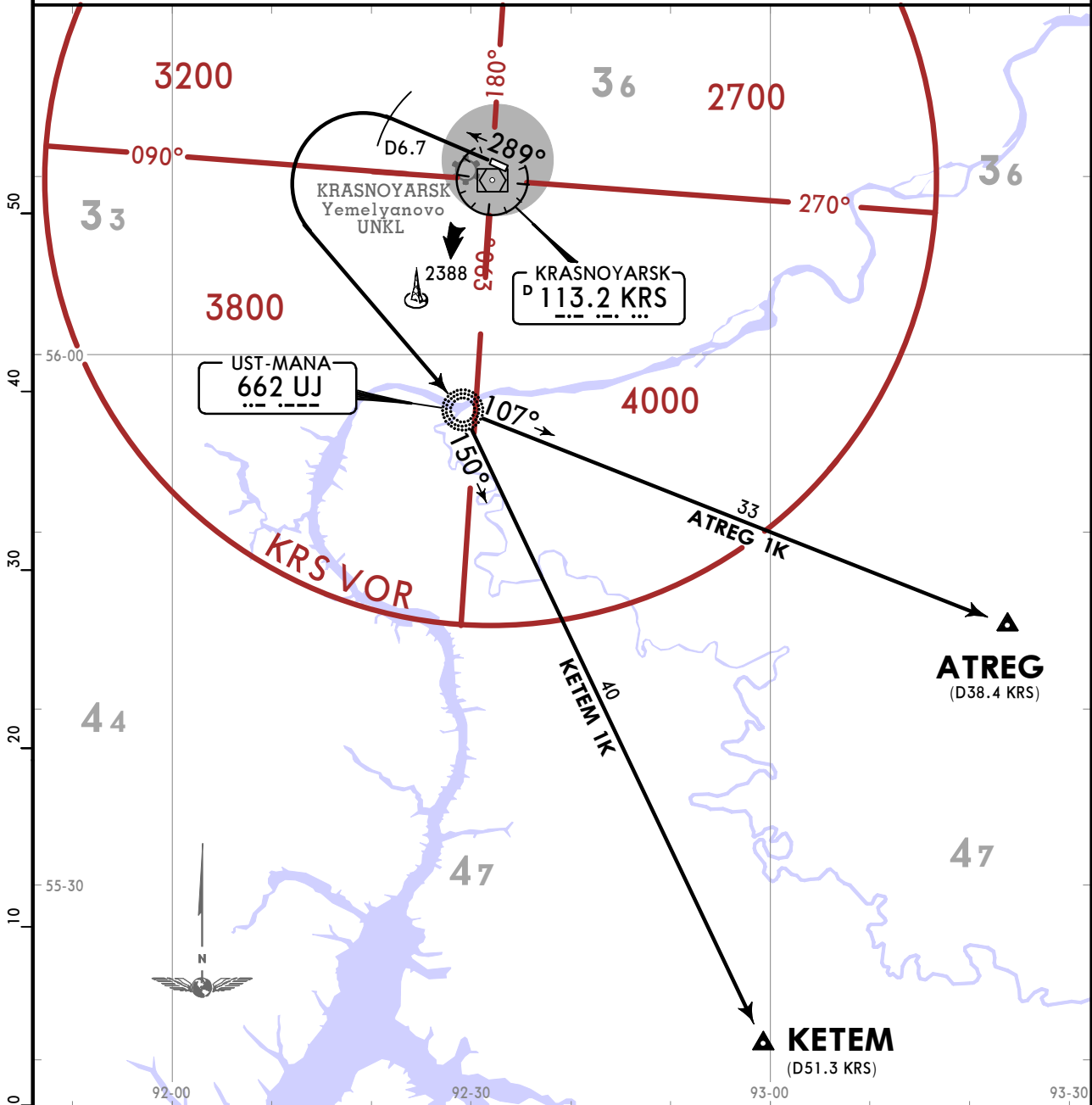
JEPPESEN
 26 JAN 18 **(20-3N)** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

SID

Apt Elev **833**
 QNH on request (QFE)
 Trans alt: 4780 (3986) / 4880 (3938) ①
 1. **DME required.**
 2. **WARNING:** Change altimeter setting to QFE UNKL above 1460 (666).
 3. Climbing to airway by ATC.
 4. EXPECT close-in obstacles.

**ATREG 1K [ATRE1K]
 KETEM 1K [KETE1K]
 RWY 29 DEPARTURES
 FOR RUSSIAN USERS ONLY**



These SIDs require minimum climb gradients of

ATREG 1K: 4.0% up to 1090 (296),
 3.8% up to FL60 due to airspace limitation.

KETEM 1K: 4.0% up to 1090 (296),
 4.0% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.8% V/V (fpm)	289	385	577	770	962	1154
4.0% V/V (fpm)	304	405	608	810	1013	1215

ALT/HEIGHT CONVERSION UNKM

QNH	(QFE)
1090	(296 - 90m)
1460	(666 - 200m)
4780	(3986 - 1200m)

① **ALT/HEIGHT CONVERSION UNKL**

QNH	(QFE)
4880	(3938 - 1200m)

UNKM
CHEREMSHANKA

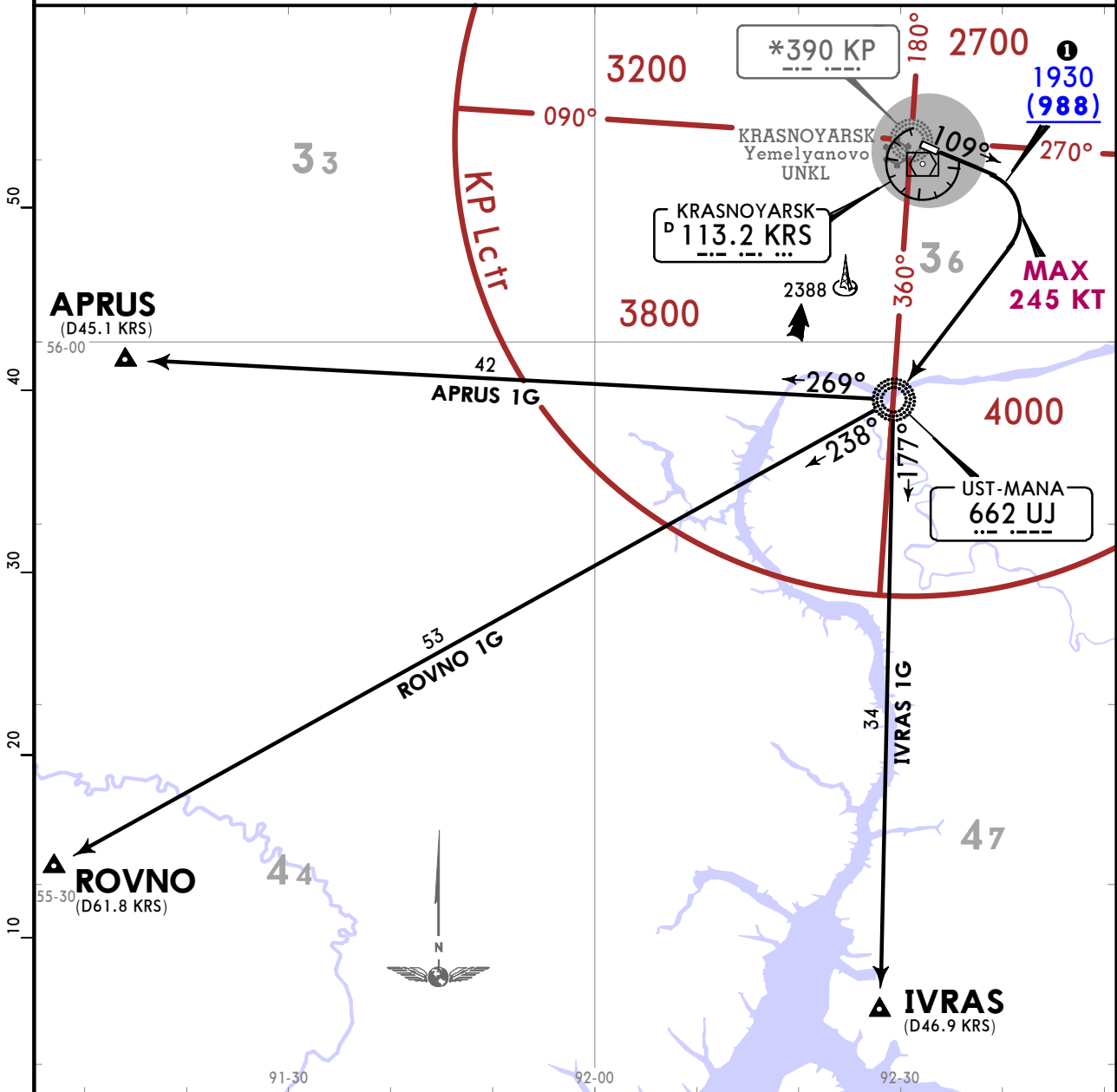
JEPPESEN
 26 JAN 18 **(20-3P)** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

SID

Apt Elev **833**
 QNH on request (QFE)
 Trans alt: 4780 (3947) / 4880 (3938) **①**
 1. **DME required.**
 2. **WARNING:** Change altimeter setting to QFE UNKL above 1490 (657)
 3. Climbing to airway by ATC.
 4. **EXPECT** close-in obstacles.

**APRUS 1G [APRU1G], IVRAS 1G [IVRA1G]
 ROVNO 1G [ROVN1G]
 RWY 11 DEPARTURES
 FOR RUSSIAN USERS ONLY**



These SIDs require a minimum climb gradient of 3.5% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.5% V/V (fpm)	266	354	532	709	886	1063

**ALT/HEIGHT CONVERSION
 UNKM**

QNH (QFE)
 1490 (657 - 200m)
 4780 (3947 - 1200m)

**①
 ALT/HEIGHT CONVERSION
 UNKL**

QNH (QFE)
 1930 (988 - 300m)
 4880 (3938 - 1200m)

UNKM
CHEREMSHANKA

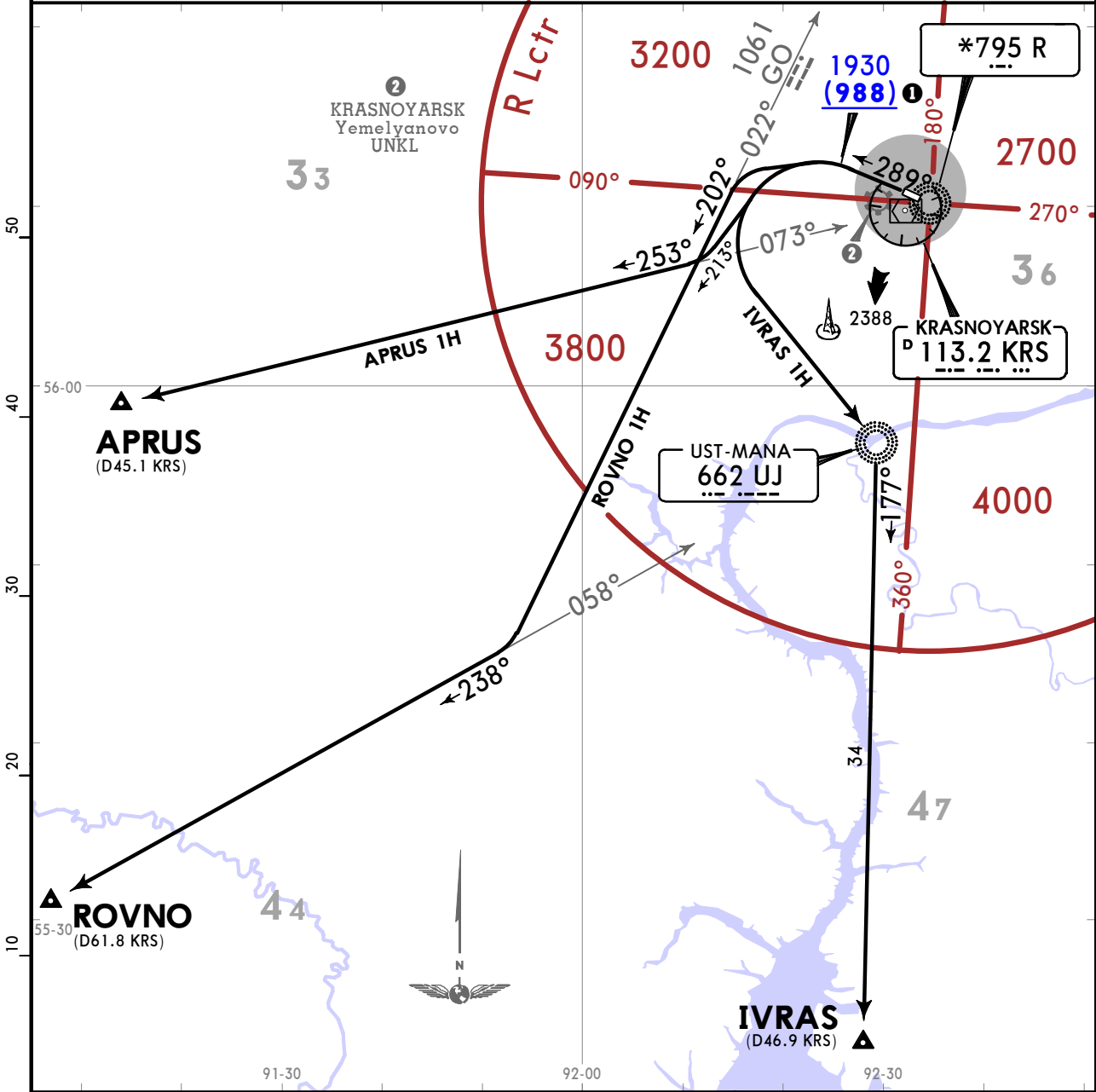
JEPPESEN
 26 JAN 18 **20-3Q** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

SID

QNH on request (QFE)
 Trans alt: 4780 (3986) / 4880 (3938) ①
 1. **DME required.**
 2. **WARNING:** Change altimeter setting to QFE UNKL above 1460 (666).
 3. Climbing to airway by ATC.
 4. EXPECT close-in obstacles.

APRUS 1H [APRU1H] ROVNO 1H [ROVN1H]
IVRAS 1H [IVRA1H] DUAL RDF REQUIRED
RWY 29 DEPARTURES
FOR RUSSIAN USERS ONLY



These SIDs require minimum climb gradients of

APRUS 1H: 4.0% up to 1090 (296).
IVRAS 1H, ROVNO 1H: 4.0% up to 1090 (296),
 4.3% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
4.0% V/V (fpm)	304	405	608	810	1013	1215
4.3% V/V (fpm)	327	435	653	871	1089	1306

ALT/HEIGHT CONVERSION UNKM	
QNH (QFE)	
1090	(296 - 90m)
1460	(666 - 200m)
4780	(3986 - 1200m)

① ALT/HEIGHT CONVERSION UNKL	
QNH (QFE)	
1930	(988 - 300m)
4880	(3938 - 1200m)

UNKM
CHEREMSHANKA

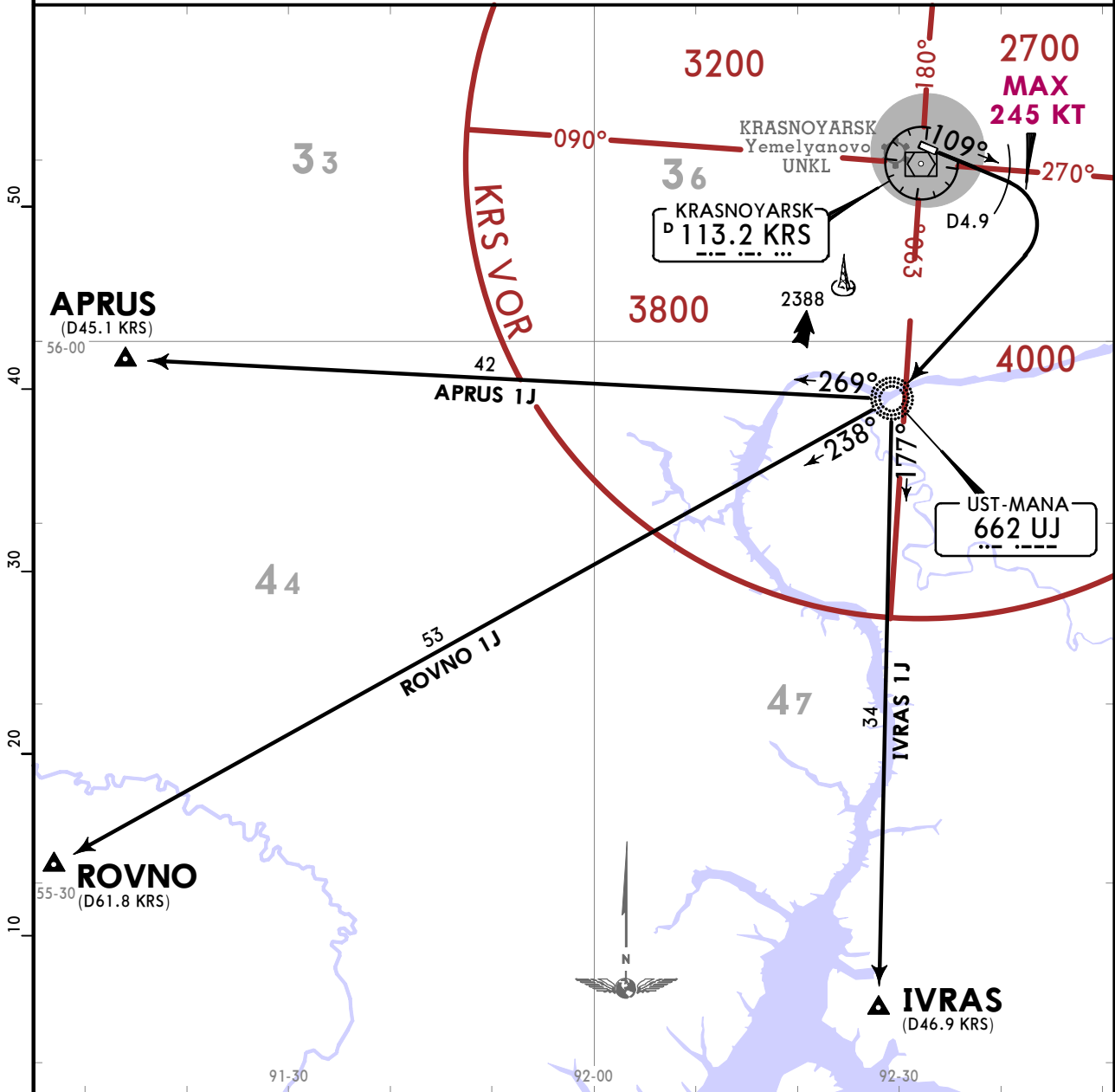
JEPPESEN
26 JAN 18 (20-3S) Eff 1 Feb

KRASNOYARSK, RUSSIA

SID

QNH on request (QFE)
Trans alt: 4780 (3947) / 4880 (3938) ①
1. **DME required.**
2. **WARNING:** Change altimeter setting to QFE UNKL above 1490 (657)
3. Climbing to airway by ATC.
4. EXPECT close-in obstacles.

**APRUS 1J [APRU1J], IVRAS 1J [IVRA1J]
ROVNO 1J [ROVN1J]
RWY 11 DEPARTURES
FOR RUSSIAN USERS ONLY**



These SIDs require a minimum climb gradient of 3.7 % 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

ALT/HEIGHT CONVERSION UNKM

QNH (QFE)
1490 (657 - 200m)
4780 (3947 - 1200m)

① **ALT/HEIGHT CONVERSION UNKL**

QNH (QFE)
4880 (3938 - 1200m)

UNKM
CHEREMSHANKA

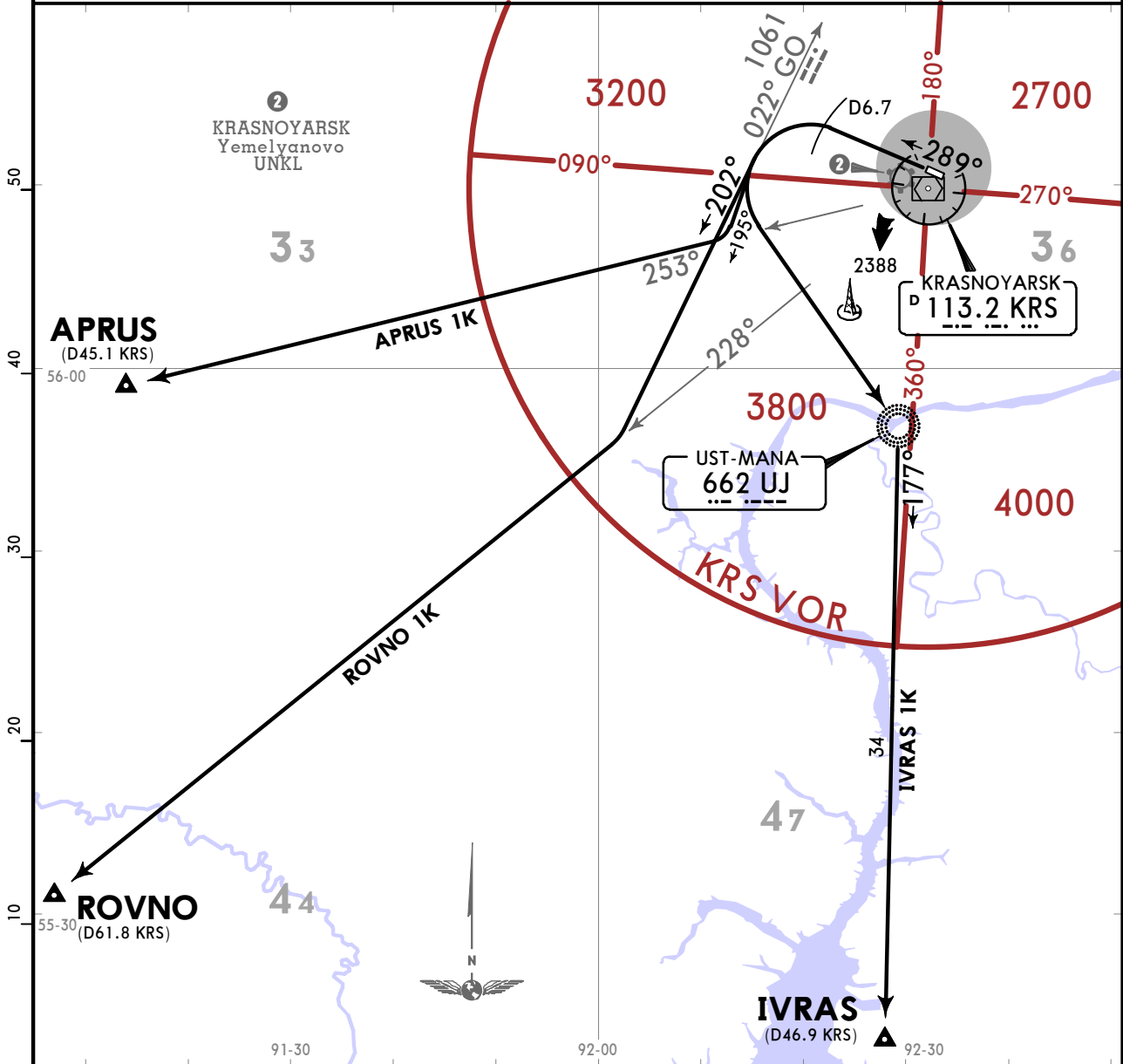
JEPPESEN
 26 JAN 18 **(20-3T)** **Eff 1 Feb**

KRASNOYARSK, RUSSIA

SID

Apt Elev **833**
 QNH on request (QFE)
 Trans alt: 4780 (3986) / 4880 (3938) ①
 1. **DME required.**
 2. **WARNING:** Change altimeter setting to QFE UNKL above 1460 (666).
 3. Climbing to airway by ATC.
 4. **EXPECT** close-in obstacles.

APRUS 1K [APRU1K]
IVRAS 1K [IVRA1K]
ROVNO 1K [ROVN1K]
RWY 29 DEPARTURES
FOR RUSSIAN USERS ONLY



These SIDs require minimum climb gradients of
APRUS 1K: 4.0% up to 1090 (296).
IVRAS 1K, ROVNO 1K: 4.0% up to 1090 (296),
 3.8% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
3.8% V/V (fpm)	289	385	577	770	962	1154
4.0% V/V (fpm)	304	405	608	810	1013	1215

ALT/HEIGHT CONVERSION UNKM	
QNH	(QFE)
1090	(296 - 90m)
1460	(666 - 200m)
4780	(3986 - 1200m)

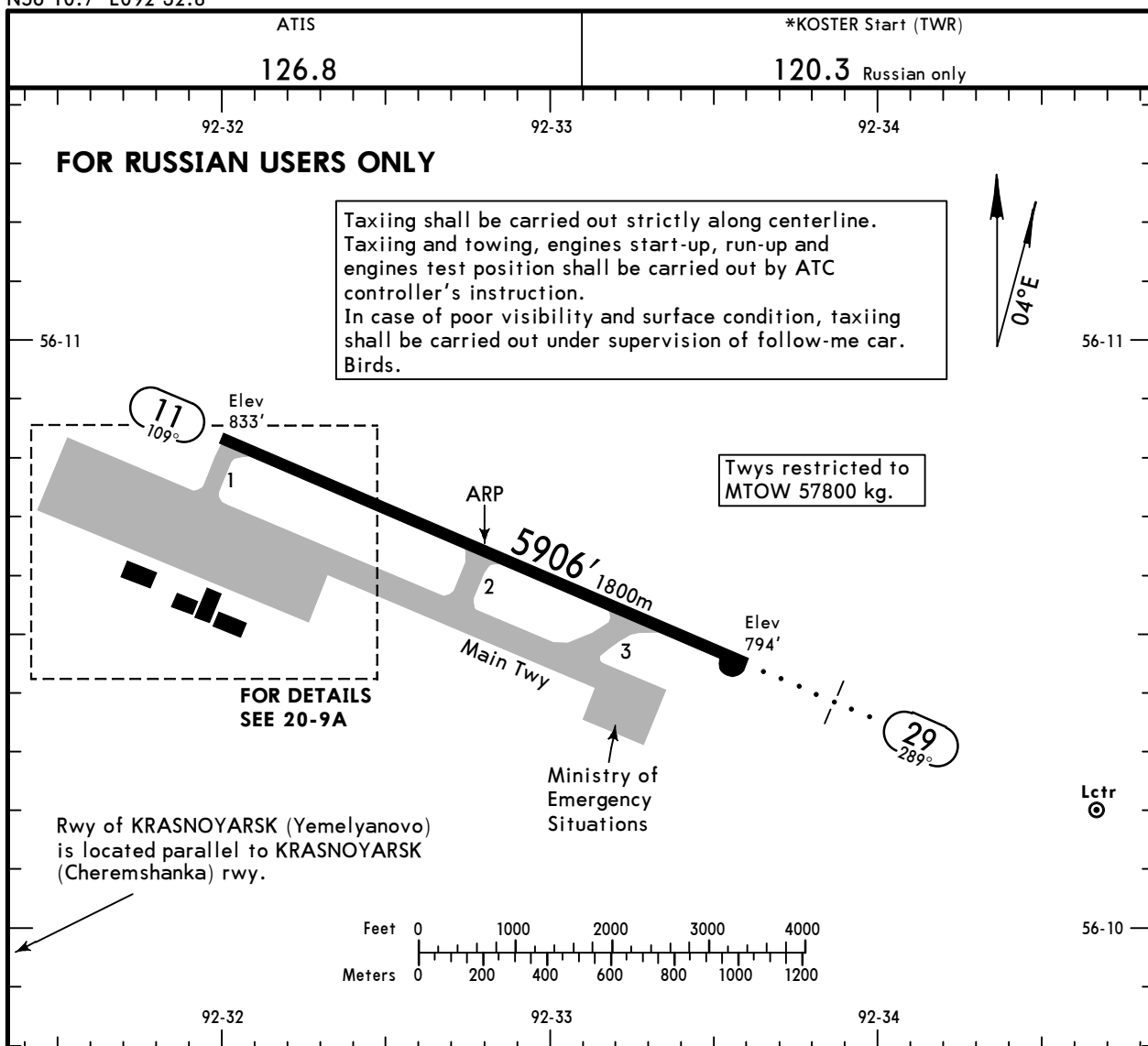
① ALT/HEIGHT CONVERSION UNKL	
QNH	(QFE)
4880	(3938 - 1200m)

UNKM

Apt Elev **833'**
N56 10.7 E092 32.8

JEPPesen 26 JAN 18 **(20-9) Eff 1 Feb**

KRASNOYARSK, RUSSIA
CHEREMSHANKA



ADDITIONAL RUNWAY INFORMATION

RWY	USABLE LENGTHS	LANDING BEYOND	TAKE-OFF	WIDTH
11	RL (60m)			115'
29	RL (60m) ALS	4873' 1485m		35m

TAKE-OFF 1

AIR CARRIER (JAA)

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

1 By coordination with TWR controller of KRASNOYARSK (Yemelyanovo).

UNKM

JEPPESEN

KRASNOYARSK, RUSSIA

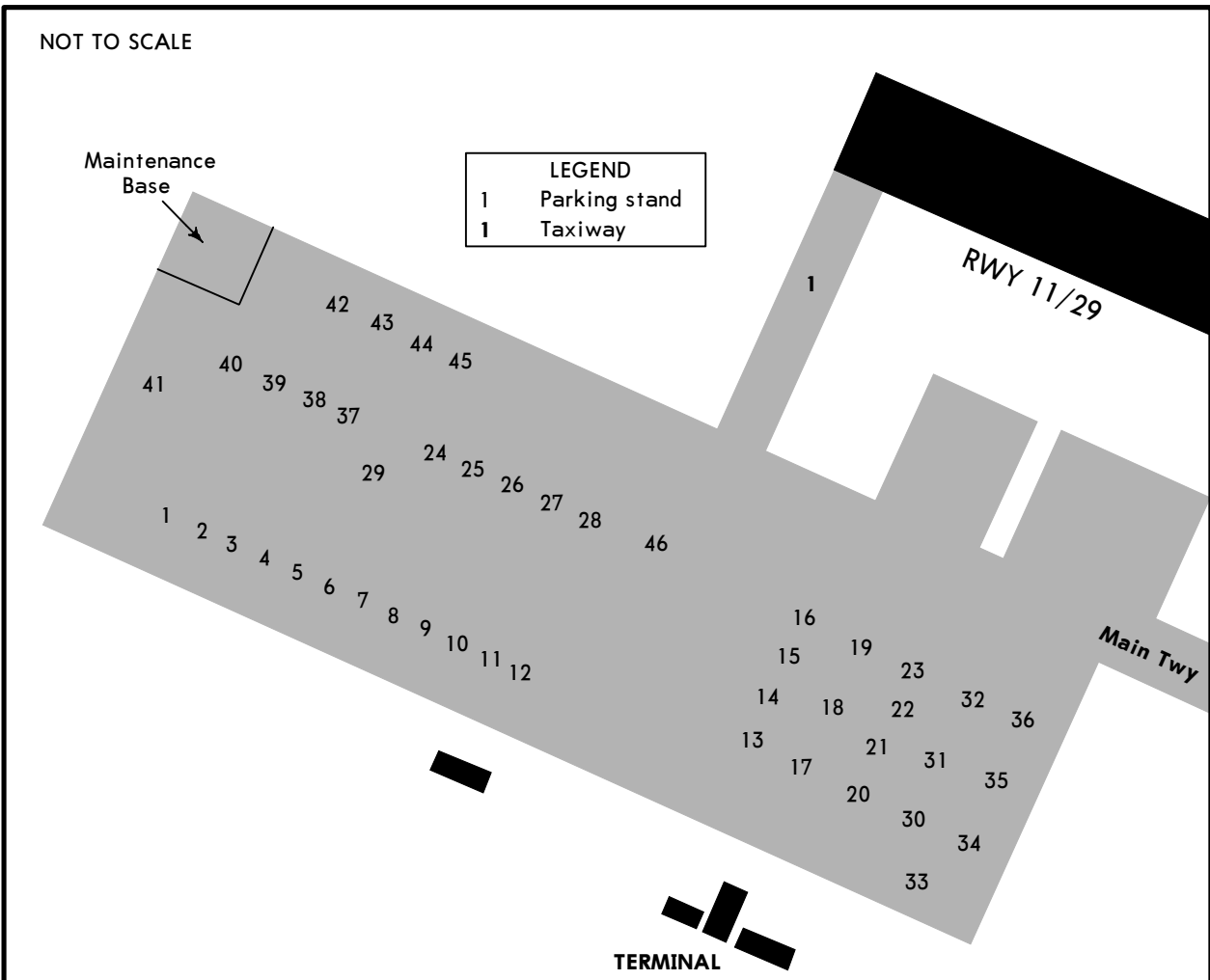
26 JAN 18

20-9A

Eff 1 Feb

CHEREMSHANKA

NOT TO SCALE



INS COORDINATES	
STAND No.	COORDINATES
1	N56 10.7 E092 31.5
19	N56 10.7 E092 32.0
32	N56 10.6 E092 32.1

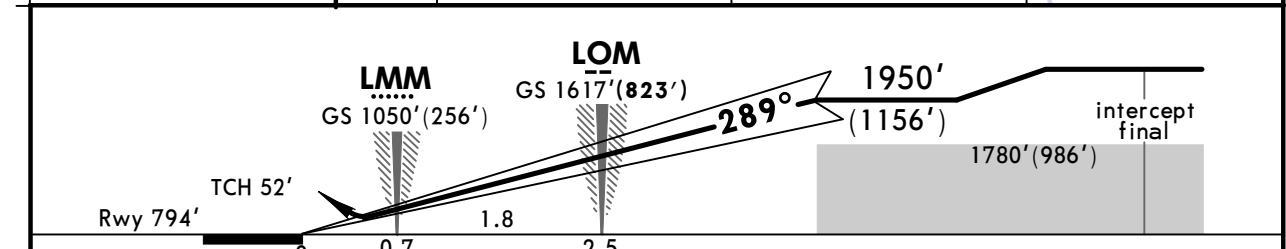
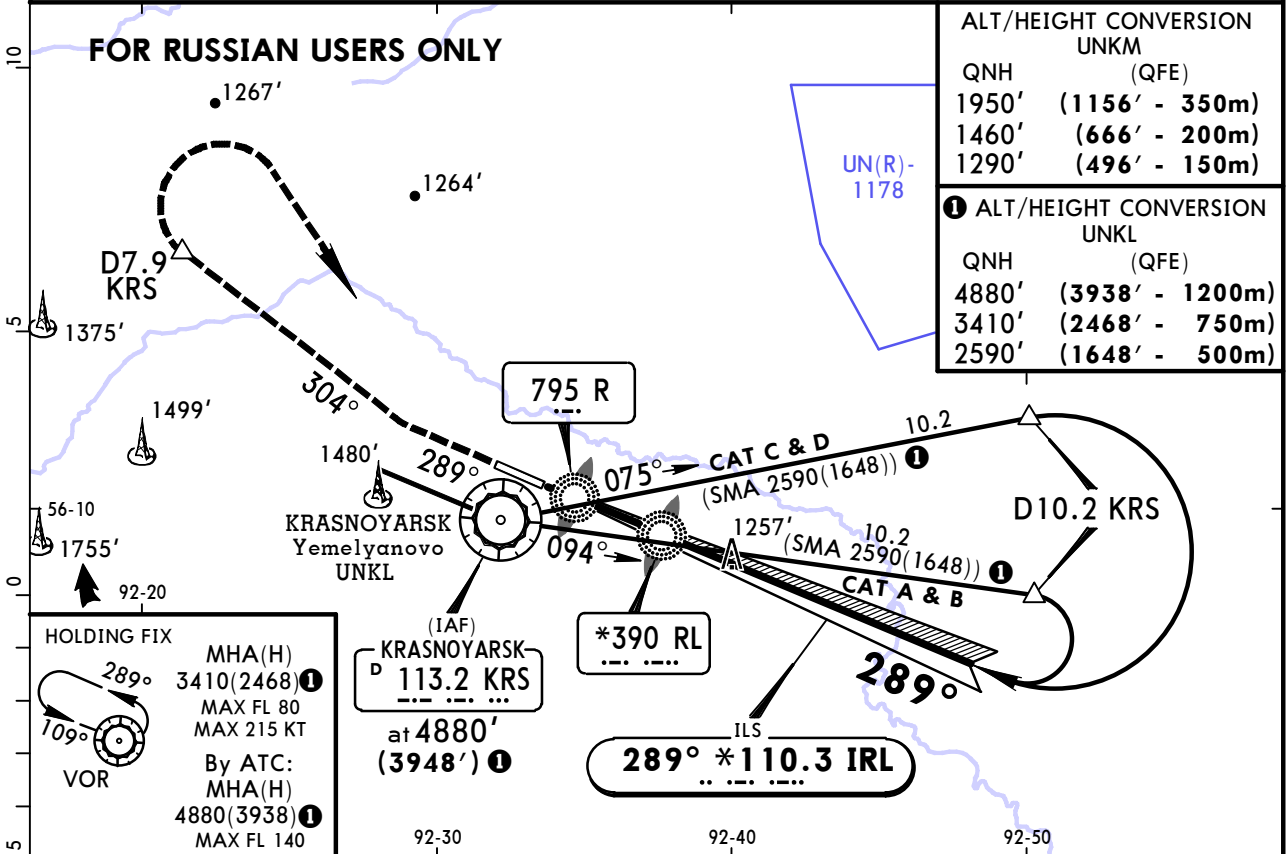
Stands 24 thru 28, 30 and 31 available for helicopters.
Stand 34 available for illegal intervention and dangerous goods.

UNKM CHEREMSHANKA

JEPPESEN
26 JAN 18 **(21-1)** Eff 1 Feb

KRASNOYARSK, RUSSIA ILS Rwy 29

ATIS 126.8		KRASNOYARSK Podkhod (APP) 127.7		KRASNOYARSK Krug (RDR) 122.0		*KOSTER Start (TWR) 120.3 Russian only	
ILS IRL *110.3	Final Apch Crs 289°	GS LOM 1617'(823')	DA(H) Refer to Minimums	Apt Elev 833' Rwy 794'			
MISSED APCH: Climb on 289° to 1290'(496'), then turn RIGHT onto 304° to D7.9 KRS climbing to 2590'(1648') ①, then turn RIGHT to VOR climbing to 3410'(2468') ① or above, then according to chart. When passing 1460'(666'), altimeter setting to QFE UNKL.							MSA KRS VOR
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 60		Trans alt: 4880' (3938')	
1. Do not mistake KRASNOYARSK (Yemelyanovo) UNKL for KRASNOYARSK (Cheremshanka) UNKM. 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.							



Gnd speed-Kts	70	90	100	120	140	160	ALS	1290' (496') ①	D7.9 onto 304°	2590' ① (1648')
ILS GS	3.00°	372	478	531	637	743	849	↑	↙ RT	↑

STRAIGHT-IN LANDING RWY 29				CIRCLE-TO-LAND	
ILS		LOC (GS out)			
AB: 994' (200')					
DA(H) C: 995' (201')					
D: 1004' (210')					
ALS out					
PANS OPS	A			Max Kts	MDA(H)
	B			100	1480' (647') 1600m
	C			135	1680' (847') 2000m
	D	1200m	NOT AUTHORIZED		180
				205	

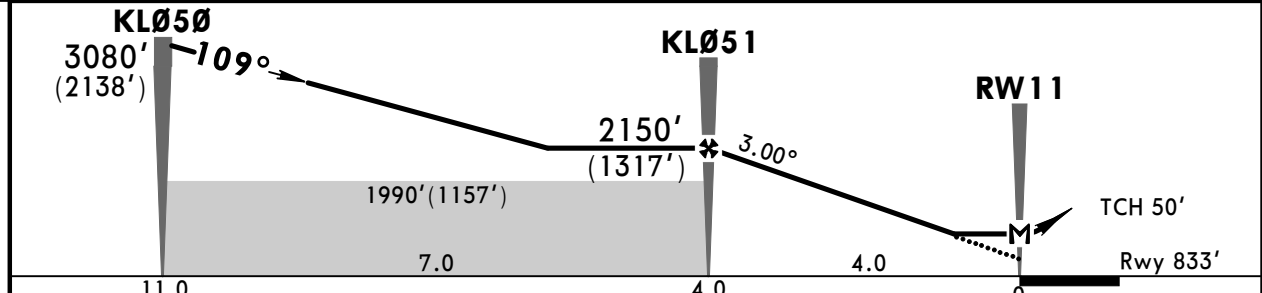
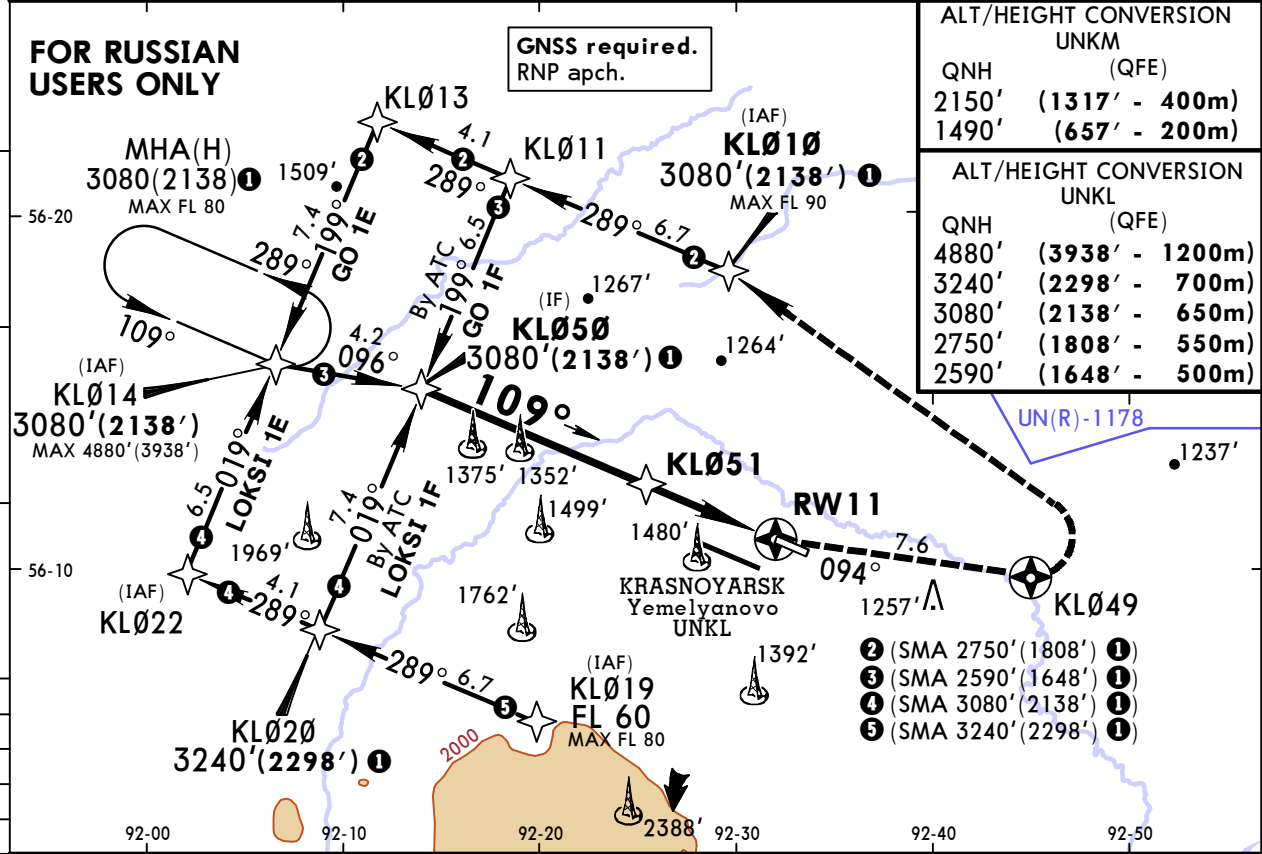
CHANGES: New procedure.

UNKM
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JEPPESEN
26 JAN 18
Eff 1 Feb 22-1

KRASNOYARSK, RUSSIA
RNAV (GNSS) Rwy 11

ATIS 126.8		KRASNOYARSK Podkhod (APP) 127.7		KRASNOYARSK Krug (RDR) 122.0		*KOSTER Start (TWR) 120.3 Russian only	
RNAV	Final Apch Crs 109°	Procedure Alt KL051 2150'(1317')	LNAV MDA(H) 1350'(517')		Apt Elev 833' Rwy 833'		4000 MSA ARP
MISSED APCH: Climb on 094° to KL049, then turn LEFT to KL010 climbing to 3080'(2138') ① or above (MAX 225 KT), then according to chart. When passing 1460'(657'), altimeter setting to QFE UNKL.							
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3938') ① 1. Do not mistake KRASNOYARSK (Yemelyanovo) UNKL for KRASNOYARSK (Cheremshanka) UNKM. 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.							



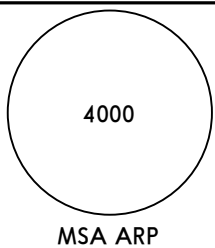
Gnd speed-Kts	70	90	100	120	140	160	KL049 on 094° LT
Descent Angle	3.00°	372	478	531	637	743	
MAP at RW11							

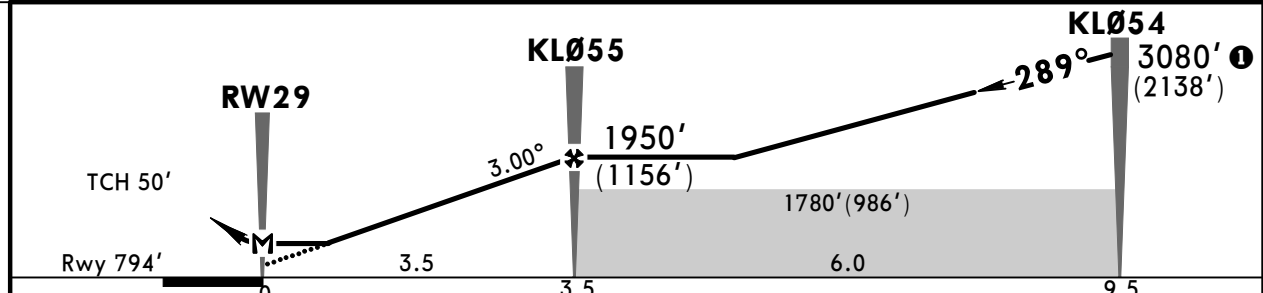
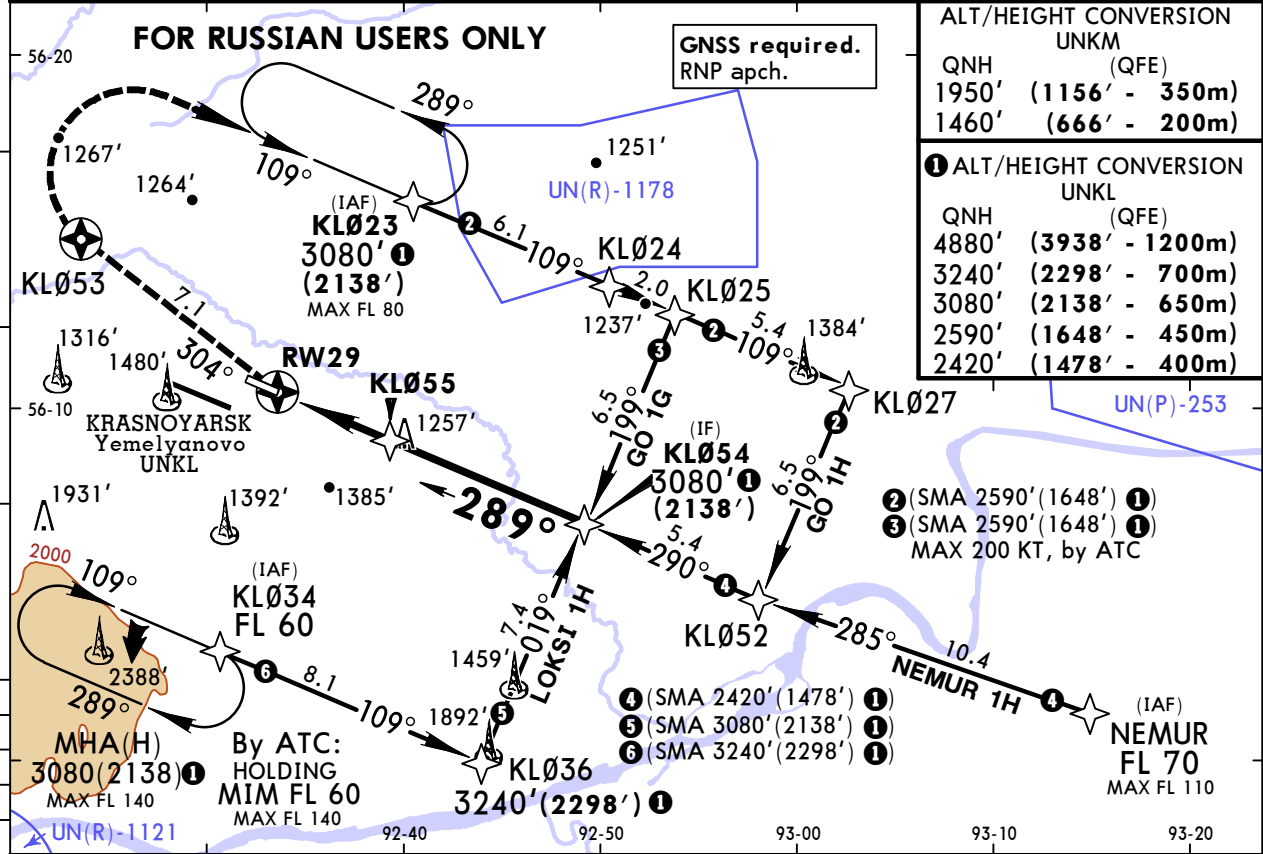
STRAIGHT-IN LANDING RWY 11			CIRCLE-TO-LAND		
LNAV			Max Kts	MDA(H)	
MDA(H) 1350'(517')				100	1480'(647')
A	1600m		135	1680'(847')	2000m
B	2400m		180	1920'(1087') 4800m	
C	2800m		205		
D					

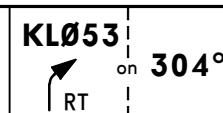
UNKM
CHEREMSHANKA

JEPPESEN
26 JAN 18
Eff 1 Feb 22-2

KRASNOYARSK, RUSSIA
RNAV (GNSS) Rwy 29

ATIS 126.8		KRASNOYARSK Podkhod (APP) 127.7		KRASNOYARSK Krug (RDR) 122.0		*KOSTER Start (TWR) 120.3 Russian only	
RNAV	Final Apch Crs 289°	Procedure Alt KL055 1950' (1156')	LNAV MDA(H) 1370' (576')	Apt Elev 833' Rwy 794'			
MISSED APCH: Climb on 304° to KL053, then turn RIGHT to KL023 climbing to 3080' (2138') ① or above (MAX 225 KT), then according to chart. When passing 1460' (666'), altimeter setting to QFE UNKL.							
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3938') ① 1. Do not mistake KRASNOYARSK (Yemelyanovo) UNKL for KRASNOYARSK (Cheremshanka) UNKM. 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.							



MAP at RW29		
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STRAIGHT-IN LANDING RWY 29			CIRCLE-TO-LAND		
LNAV MDA(H) 1370' (576')			Max Kts	MDA(H)	
ALS out					
A			100	1480' (647')	1600m
B	1600m		135	1680' (847')	2000m
C	2400m		180	1920' (1087') 4800m	
D	2800m		205		

UNKM CHEREMSHANKA

JEPPESEN
26 JAN 18
Eff 1 Feb (26-1)

KRASNOYARSK, RUSSIA

with DME KP NDB/MKR Rwy 11

ATIS 126.8	KRASNOYARSK Podkhod (APP) 127.7	KRASNOYARSK Krug (RDR) 122.0	*KOSTER Start (TWR) 120.3 Russian only
NDB KP *390	Final Apch Crs 109°	Procedure Alt D4.6 2150' (1317')	MDA(H) 1420' (587')
Apt Elev 833' Rwy 833'			

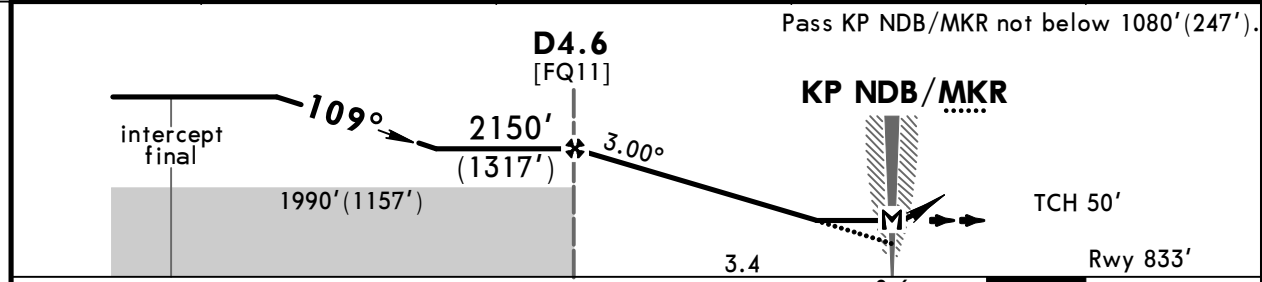
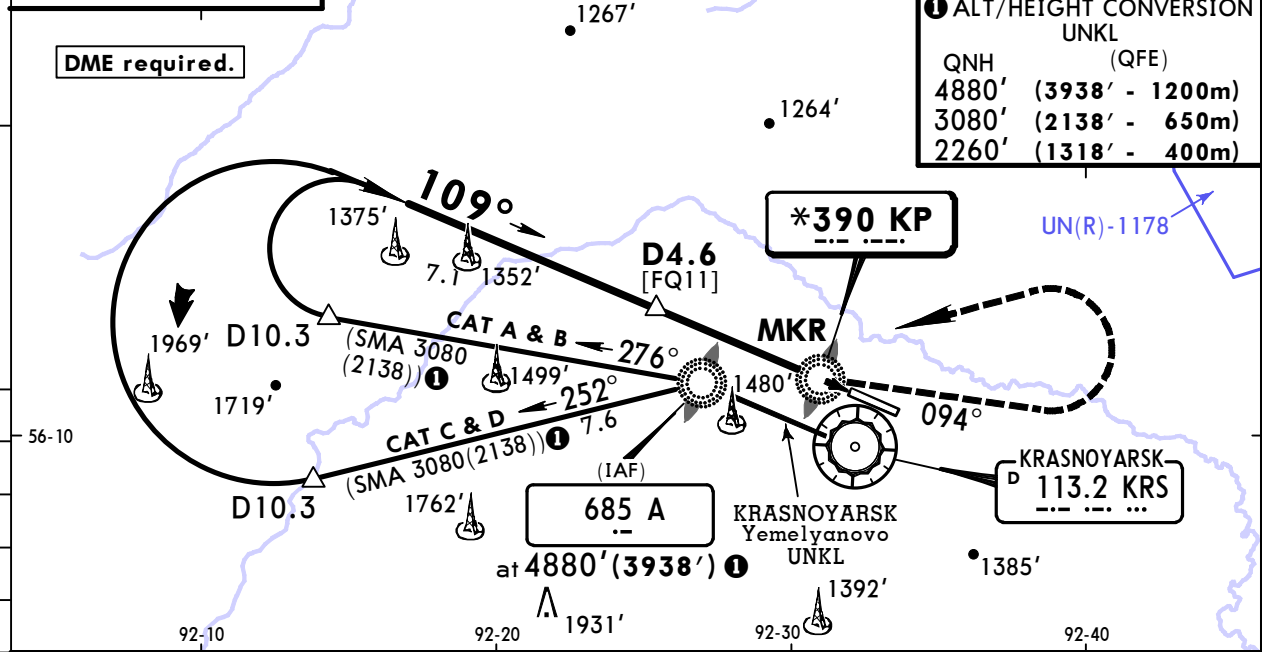
MISSED APCH: Climb on 094° to 2260' (1318') ①, then turn LEFT to A Lctr climbing to 3080' (2138') ① or above, then according to chart. When passing 1460' (657'), altimeter setting to QFE UNKL.

MSA A Lctr

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3938') ①

1. Do not mistake KRASNOYARSK (Yemelyanovo) UNKL for KRASNOYARSK (Cheremshanka) UNKM.
2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.

HOLDING FIX MHA(H) 3080(2138) ① MAX FL 80 MAX 200 KT By ATC: HOLDING MIM FL 60 MAX FL 140	FOR RUSSIAN USERS ONLY 56-20	ALT/HEIGHT CONVERSION UNKM QNH (QFE) 2150' (1317' - 400m) 1490' (657' - 200m) 1290' (247' - 75m)
		① ALT/HEIGHT CONVERSION UNKL QNH (QFE) 4880' (3938' - 1200m) 3080' (2138' - 650m) 2260' (1318' - 400m)



Gnd speed-Kts	70	90	100	120	140	160	2260' ① (1318')	094°	A 685	MIM 3080' ① (2138')
Descent Angle 3.00°	372	478	531	637	743	849	LT	LT	↑	
MAP at KP NDB/MKR										

STRAIGHT-IN LANDING RWY 11			CIRCLE-TO-LAND		
MDA(H) 1420' (587')					
A	1600m		Max Kts	MDA(H)	
B	1600m		100	1480' (647')	1600m
C	2400m		135	1680' (847')	2000m
D	2800m		180	1920' (1087') 4800m	
			205		

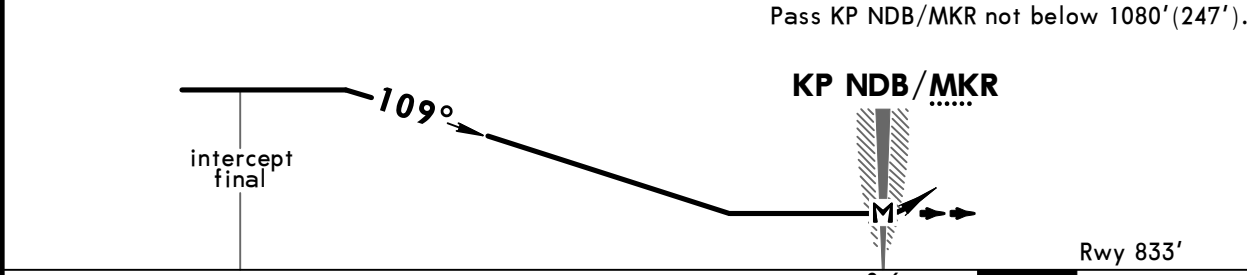
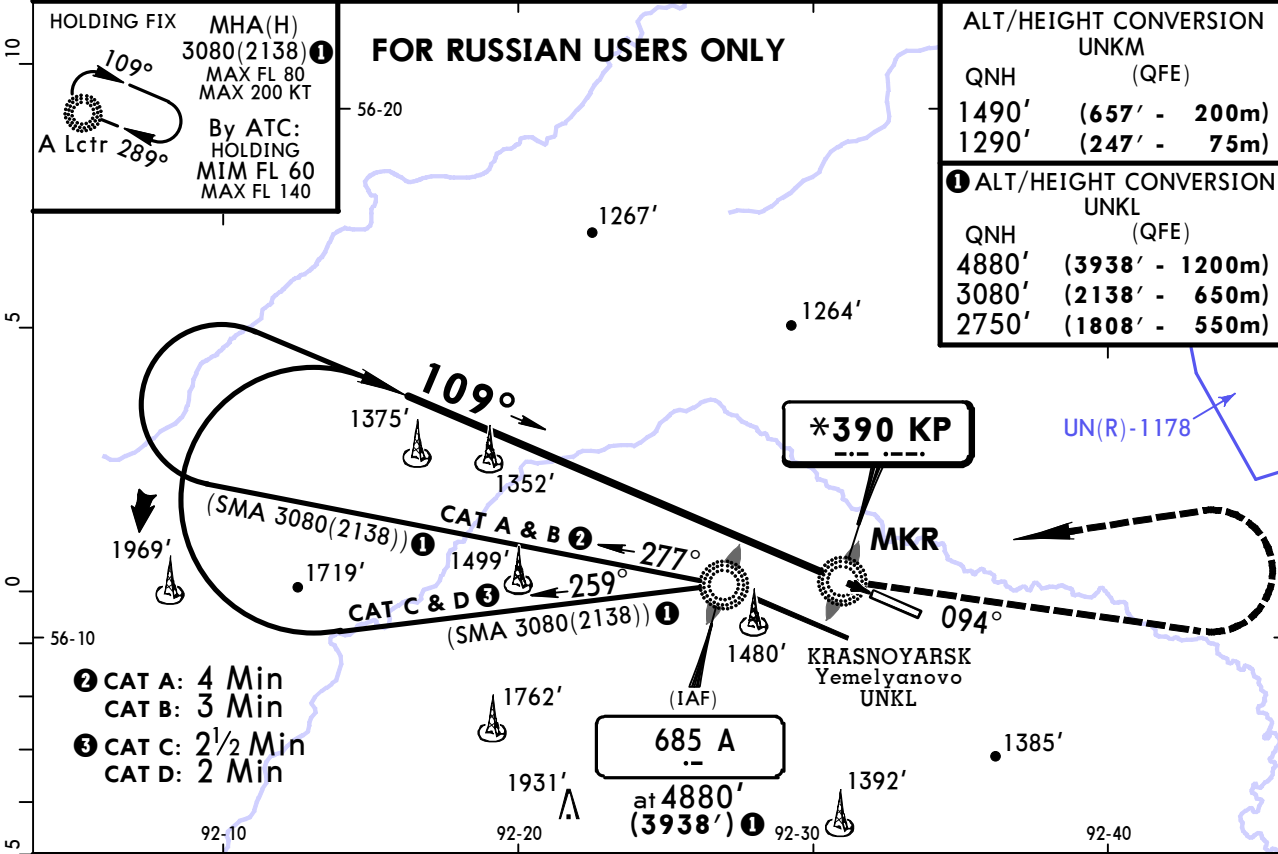
UNKM CHEREMSHANKA

JEPPESEN
26 JAN 18
Eff 1 Feb (26-2)

KRASNOYARSK, RUSSIA KP NDB/MKR Rwy 11

ATIS 126.8		KRASNOYARSK Podkhod (APP) 127.7		KRASNOYARSK Krug (RDR) 122.0		*KOSTER Start (TWR) 120.3 Russian only	
NDB KP *390	Final Apch Crs 109°	No FAF		MDA(H) 1910'(1077')	Apt Elev 833' Rwy 833'		
MISSED APCH: Climb on 094° to 2750'(1808') ①, then turn LEFT to A Lctr climbing to 3080'(2138') ① or above, then according to chart. When passing 1490'(657'), altimeter setting to QFE UNKL.							

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880'(3938') ①
 1. Do not mistake KRASNOYARSK (Yemelyanovo) UNKL for KRASNOYARSK (Cheremshanka) UNKM.
 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.



MAP at KP NDB/MKR				2750' ① (1808')	on 094°	A 685	MIM 3080' ① (2138')
				LT		LT	↑

STRAIGHT-IN LANDING RWY 11		CIRCLE-TO-LAND	
MDA(H) 1910'(1077')		Max Kts	MDA(H)
A	2000m	100	1910'(1077') 2000m
B	2400m	135	1910'(1077') 2400m
C	4800m	180	1920'(1087') 4800m
D		205	

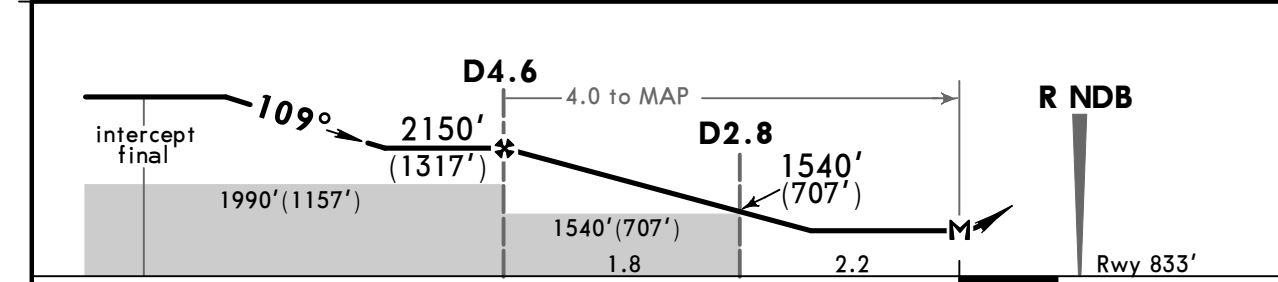
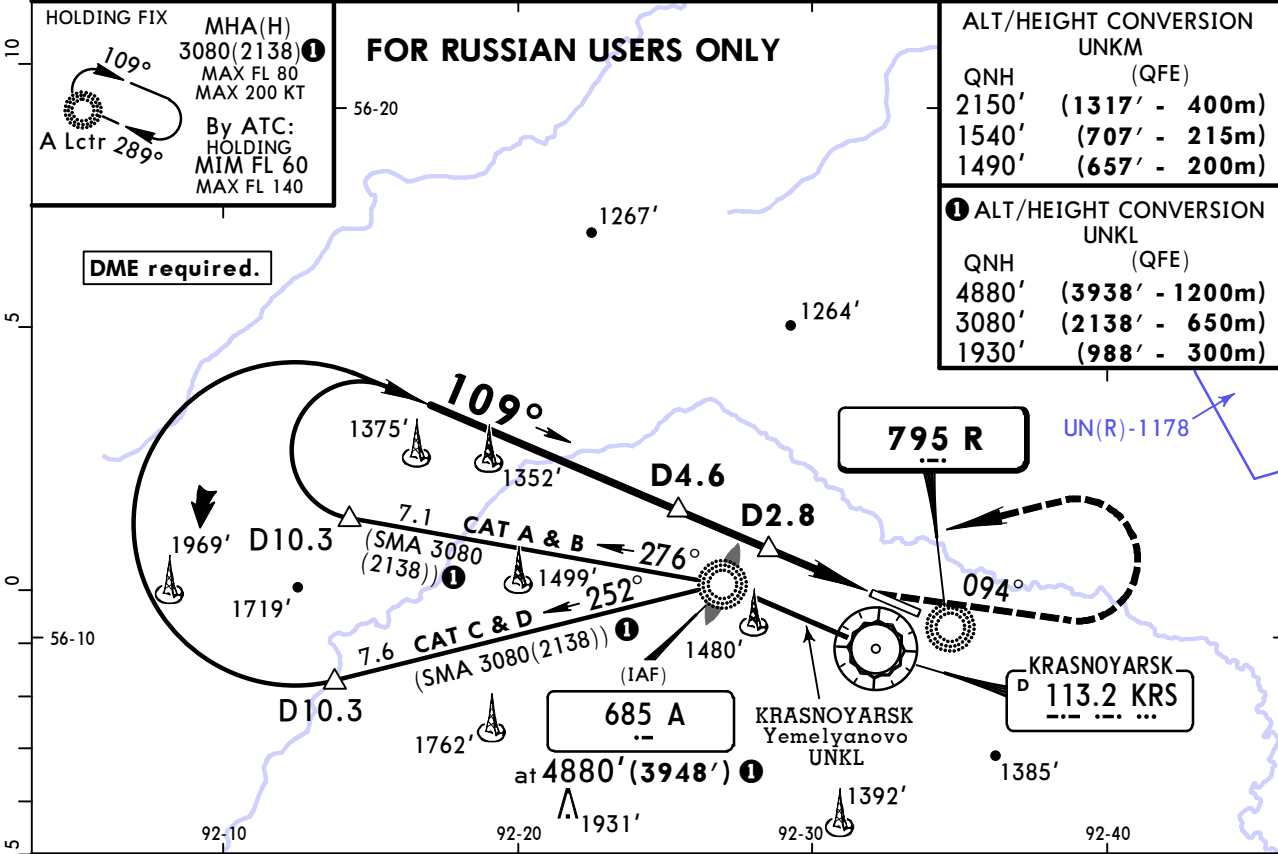
PANS OPS

UNKM
CHEREMSHANKA

JEPPESEN
26 JAN 18
Eff 1 Feb (26-3)

KRASNOYARSK, RUSSIA
R NDB/MKR Rwy 11

ATIS 126.8		KRASNOYARSK Podkhod (APP) 127.7		KRASNOYARSK Krug (RDR) 122.0		*KOSTER Start (TWR) 120.3 Russian only	
NDB R 795	Final Apch Crs 109°	Procedure Alt D4.6 2150'(1317')	MDA(H) (CONDITIONAL) 1420'(587')	Apt Elev 833' Rwy 833'			
MISSED APCH: Climb on 094° to 1930'(988') ①, then turn LEFT to A Lctr climbing to 3080'(2138') ① or above, then according to chart. When passing 1490'(657'), altimeter setting to QFE UNKL.							MSA A Lctr
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3938') ① 1. Do not mistake KRASNOYARSK (Yemelyanovo) UNKL for KRASNOYARSK (Cheremshanka) UNKM. 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.							



Gnd speed-Kts	70	90	100	120	140	160	1930' (988') ① on 094°	A 685	MIM 3080' (2138') ①
Descent Angle	3.00°	372	478	531	637	743	LT	LT	↑
D4.6 to MAP	4.0	3:26	2:40	2:24	2:00	1:43	1:30		

STRAIGHT-IN LANDING RWY 11		CIRCLE-TO-LAND	
with D2.8		w/o D2.8	
MDA(H) 1420'(587')		MDA(H) 1550'(717')	
A	1600m	100	1550'(717') 1600m
B	2400m	135	1680'(847') 2000m
C	2800m	180	1920'(1087') 4800m
D	2800m	205	

UNKM CHEREMSHANKA

JEPPESEN
26 JAN 18
Eff 1 Feb **(26-4)**

KRASNOYARSK, RUSSIA
with DME **R NDB/MKR Rwy 29**

ATIS 126.8		KRASNOYARSK Podkhod (APP) 127.7		KRASNOYARSK Krug (RDR) 122.0		*KOSTER Start (TWR) 120.3 Russian only	
NDB R 795	Final Apch Crs 289°	Procedure Alt D4.0 1950'(1156')	MDA(H) (CONDITIONAL) 1330'(536')	Apt Elev 833' Rwy 794'			

MISSED APCH: Climb on 304° to 2590'(1648') ①, then turn RIGHT to to B Lctr climbing to 3410'(2468') ① or above, then according to chart. When passing 1460'(666'), altimeter setting to QFE UNKL.

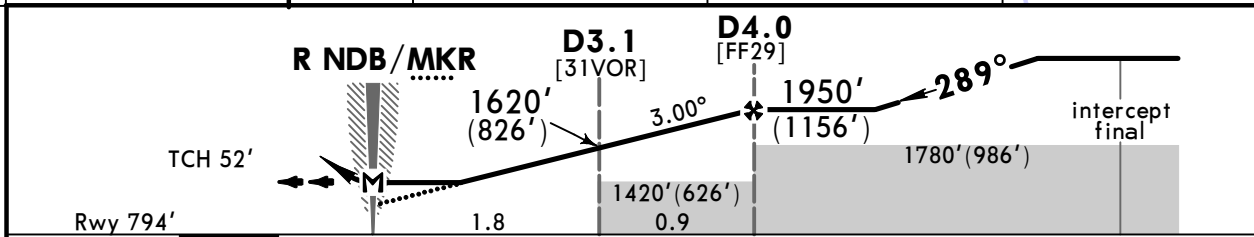
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3938') ①
 1. Do not mistake KRASNOYARSK (Yemelyanovo) UNKL for KRASNOYARSK (Cheremshanka) UNKM.
 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.



FOR RUSSIAN USERS ONLY

ALT/HEIGHT CONVERSION UNKM (QFE)	
QNH	UNKM (QFE)
1950'	(1156' - 350m)
1620'	(826' - 250m)
1460'	(666' - 200m)

ALT/HEIGHT CONVERSION UNKL (QFE)	
QNH	UNKL (QFE)
4880'	(3938' - 1200m)
3410'	(2468' - 750m)
2750'	(1808' - 550m)
2590'	(1648' - 500m)



Gnd speed-Kts	70	90	100	120	140	160	ALS	2590' ① (1648')	on 304°	B 685	MIM 3410' ① (2468')
Descent Angle	3.00°	372	478	531	637	849		RT		RT	

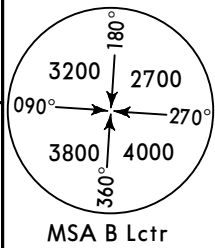
STRAIGHT-IN LANDING RWY 29				CIRCLE-TO-LAND			
with D3.1		w/o D3.1		with D3.1		w/o D3.1	
MDA(H) 1330'(536')		MDA(H) 1430'(636')		MDA(H) 1330'(536')		MDA(H) 1430'(636')	
ALS out		ALS out		ALS out		ALS out	
A				Max Kts	100	1480'(647')	1600m
B	1600m		1600m	135	1680'(847')	2000m	
C	2400m		2800m	180	1920'(1087')		4800m
D	2800m		3200m	205			

PANS OPS

UNKM CHEREMSHANKA

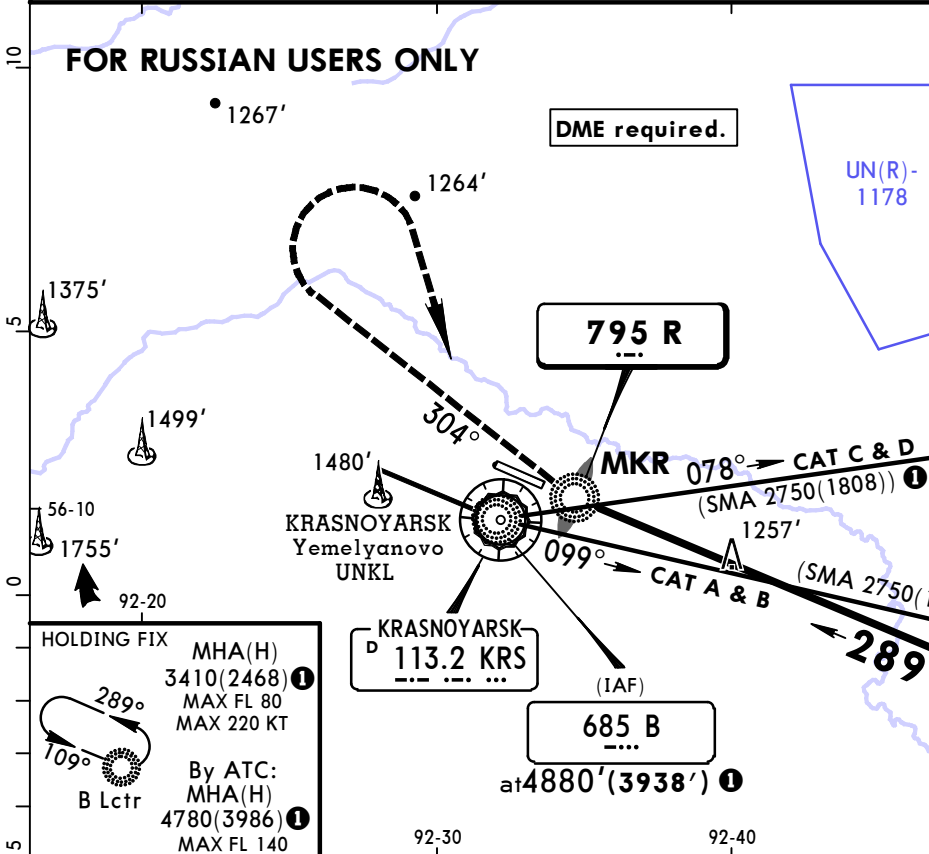
JEPPESSEN KRASNOYARSK, RUSSIA
26 JAN 18 **(26-5)** Eff 1 Feb R NDB/MKR Rwy 29

ATIS 126.8		KRASNOYARSK Podkhod (APP) 127.7	KRASNOYARSK Krug (RDR) 122.0	*KOSTER Start (TWR) 120.3 Russian only
NDB R 795	Final Apch Crs 289°	No FAF	MDA(H) 1560'(766')	Apt Elev 833' Rwy 794'



MISSED APCH: Climb on 304° to 2590'(1648') ①, then turn RIGHT to to B Lctr climbing to 3410'(2468') ① or above, then according to chart. When passing 1460'(666'), altimeter setting to QFE UNKL.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4880' (3938') ①
 1. Do not mistake KRASNOYARSK (Yemelyanovo) UNKL for KRASNOYARSK (Cheremshanka) UNKM.
 2. WARNING: Flights are performed by QFE UNKL, altimeter setting to QFE UNKM after final turn.



ALT/HEIGHT CONVERSION UNKM	
QNH	(QFE)
1460'	(666' - 200m)
① ALT/HEIGHT CONVERSION UNKL	
QNH	(QFE)
4880'	(3938' - 1200m)
3410'	(2468' - 750m)
2750'	(1808' - 550m)
2590'	(1648' - 500m)

HOLDING FIX

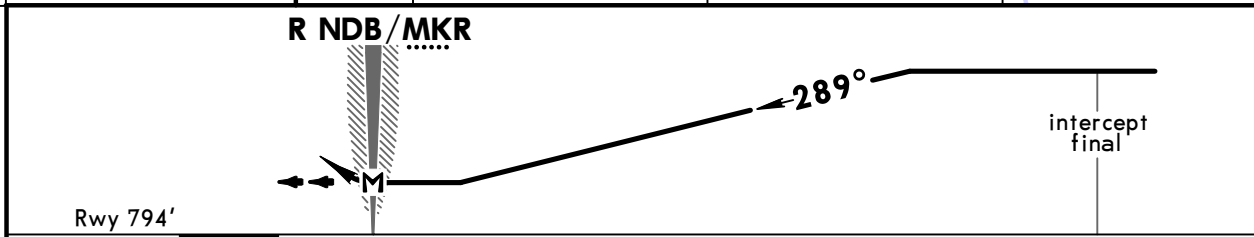
MHA(H)
3410(2468) ①
MAX FL 80
MAX 220 KT

By ATC:
MHA(H)
4780(3986) ①
MAX FL 140

289°

109°

B Lctr



ALS	2590' ① (1648')	on 304°	B 685	MIM 3410' ① (2468')
		RT	RT	

STRAIGHT-IN LANDING RWY 29		CIRCLE-TO-LAND	
MDA(H) 1560'(766')		MDA(H)	
	ALS out	Max Kts	
A	1600m	100	1560'(727') 1600m
B	2000m	135	1680'(847') 2000m
C	3600m	180	1920'(1087') 4800m
D	4000m	205	

PANS OPS

Chart changes since cycle 08-2019

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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KRASNOYARSK, (CHEREMSHANKA - UNKM)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UNKM