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Terminal Charts For UNEE
Revision Letter For Cycle 09-2019
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Notebook

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General Information

Location: KEMEROVO RUS
ICAO/IATA: UNEE / KEJ
Lat/Long: N55° 16.2', E086° 06.4'
Elevation: 873 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -7:00 = UTC
Magnetic Variation: 8.0° 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: 2217 Z
Sunset: 1407 Z

Runway Information

Runway: 05
Length x Width: 10499 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 832 ft
Lighting: Edge, ALS

Runway: 23
Length x Width: 10499 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 844 ft
Lighting: Edge, ALS

Communication Information

ATIS: 128.700
Kemerovo Start Tower: 118.300
Kemerovo Start Tower: 124.000 Secondary
Kemerovo Start Tower: 129.000 Secondary
Kemerovo Ground Ramp/Taxi: 119.000
Kemerovo Approach: 124.000 Secondary VHF-DF
Kemerovo Approach: 125.500 VHF-DF
Kemerovo Approach: 129.000 Secondary VHF-DF

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Kemerovo Transit Operations: 131.800

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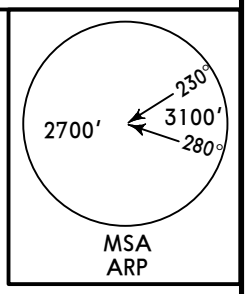
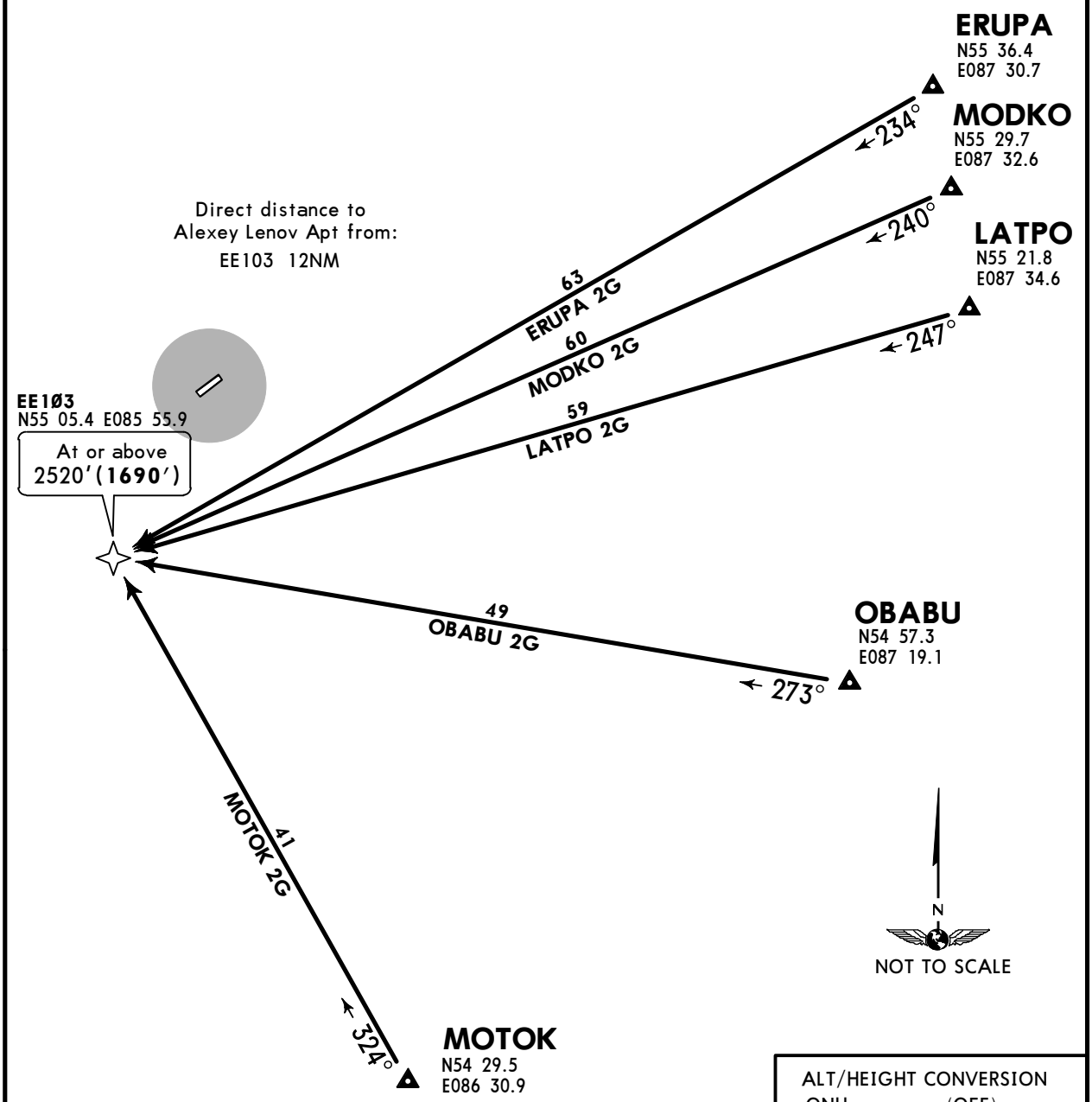
KEMEROVO App 125.5	Apt Elev 873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1690′)** **1. RNAV (GNSS), GLONASS OR GPS.** 2. Request clearance for GNSS approach from KEMEROVO Approach on first contact.
ATIS 128.7		

ERUPA 2G [ERUP2G], LATPO 2G [LATP2G]
MODKO 2G [MODK2G], MOTOK 2G [MOTO2G]
OBABU 2G [OBAB2G]
RNAV





ALT/HEIGHT CONVERSION
QNH (QFE)
2520′ **(1690′ - 500m)**

STAR	RWY	ROUTING
ERUPA 2G	**05**	ERUPA - EE103 (2520′+).
LATPO 2G		LATPO - EE103 (2520′+).
MODKO 2G		MODKO - EE103 (2520′+).
MOTOK 2G		MOTOK - EE103 (2520′+).
OBABU 2G		OBABU - EE103 (2520′+).

CHANGES: ATIS established.

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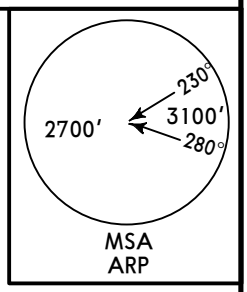
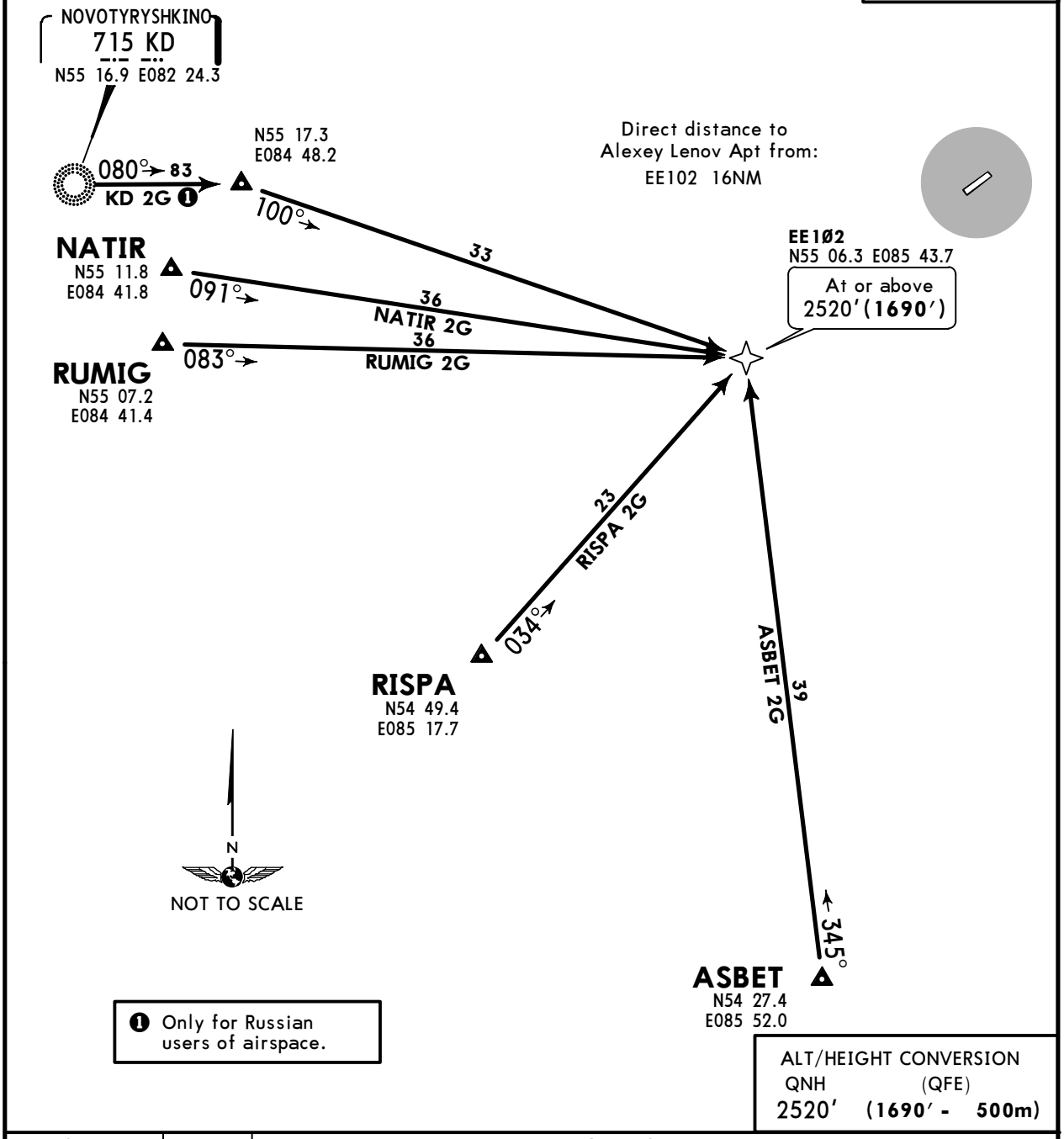
KEMEROVO App 125.5	Apt Elev 873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1690′)** **1. RNAV (GNSS), GLONASS OR GPS REQUIRED.** 2. Request clearance for GNSS approach from KEMEROVO Approach on first contact.
ATIS 128.7		

ASBET 2G [ASBE2G], KD 2G
NATIR 2G [NATI2G], RISPA 2G [RISP2G]
RUMIG 2G [RUMI2G]
RNAV





❶ Only for Russian users of airspace.

ALT/HEIGHT CONVERSION
QNH (QFE)
2520′ **(1690′ - 500m)**

STAR	RWY	ROUTING
ASBET 2G	**05**	ASBET- EE102 (2520′+).
KD 2G By ATC		KD - N55 17.3 E084 48.2 - EE102 (2520′+).
NATIR 2G		NATIR - EE102 (2520′+).
RISPA 2G		RISPA - EE102 (2520′+).
RUMIG 2G		RUMIG - EE102 (2520′+).

CHANGES: ATIS established.

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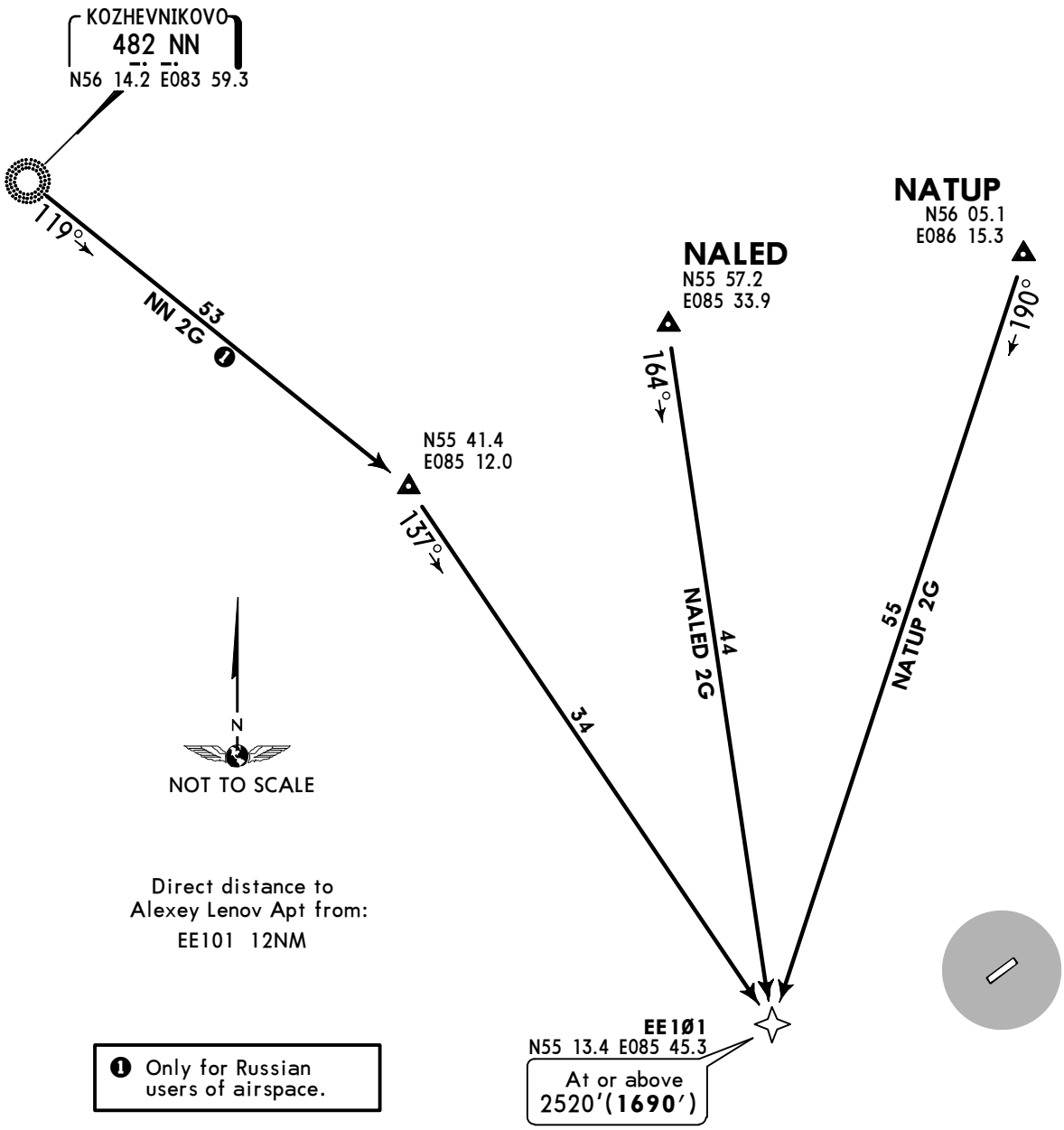
KEMEROVO App 125.5	Apt Elev 873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1690′)** **1. RNAV (GNSS), GLONASS OR GPS REQUIRED.** 2. Request clearance for GNSS approach from KEMEROVO Approach on first contact.
ATIS 128.7		

NALED 2G [NALE2G]
NATUP 2G [NATU2G]
NN 2G
RNAV



❶ Only for Russian users of airspace.

ALT/HEIGHT CONVERSION
QNH (QFE)
2520′ **(1690′ - 500m)**

STAR	RWY	ROUTING
NALED 2G	**05**	NALED - EE101 (2520′+).
NATUP 2G		NATUP - EE101 (2520′+).
NN 2G By ATC		NN - N55 41.4 E085 12.0 - EE101 (2520′+).

CHANGES: ATIS established.

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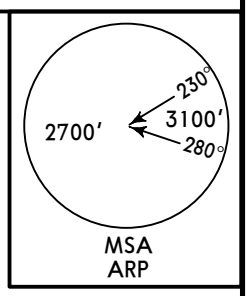
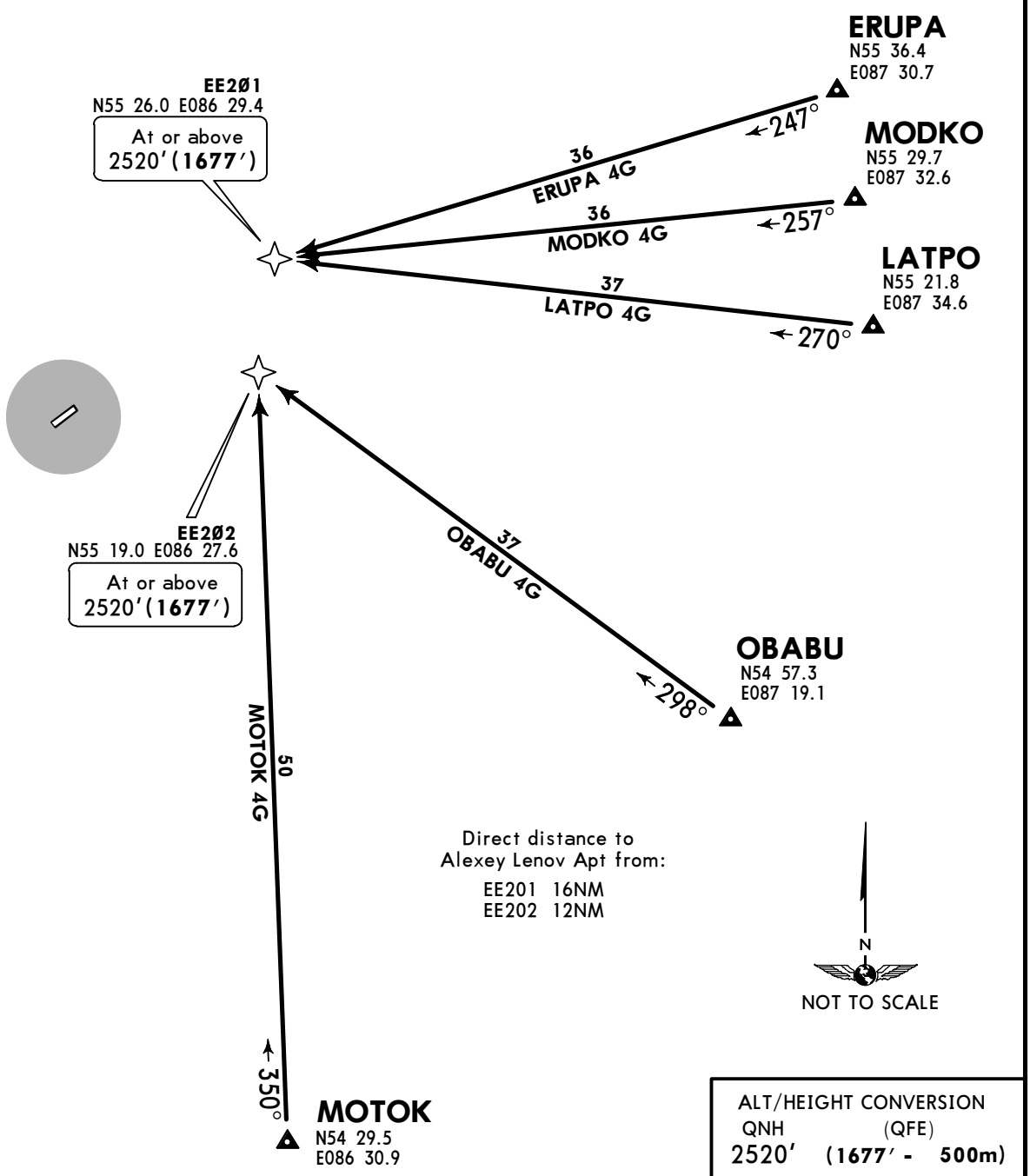
KEMEROVO App 125.5	Apt Elev 873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1677′)** **1. RNAV (GNSS), GLONASS OR GPS REQUIRED.** 2. Request clearance for GNSS approach from KEMEROVO Approach on first contact.
ATIS 128.7		

ERUPA 4G [ERUP4G], LATPO 4G [LATP4G]
MODKO 4G [MODK4G], MOTOK 4G [MOTO4G]
OBABU 4G [OBAB4G]
RNAV





ALT/HEIGHT CONVERSION
QNH (QFE)
2520′ **(1677′ - 500m)**

STAR	RWY	ROUTING
ERUPA 4G	**23**	ERUPA - EE201 (2520′+).
LATPO 4G		LATPO - EE201 (2520′+).
MODKO 4G		MODKO - EE201 (2520′+).
MOTOK 4G		MOTOK - EE202 (2520′+).
OBABU 4G		OBABU - EE202 (2520′+).

CHANGES: ATIS established.

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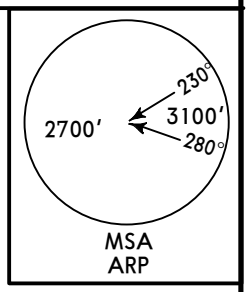
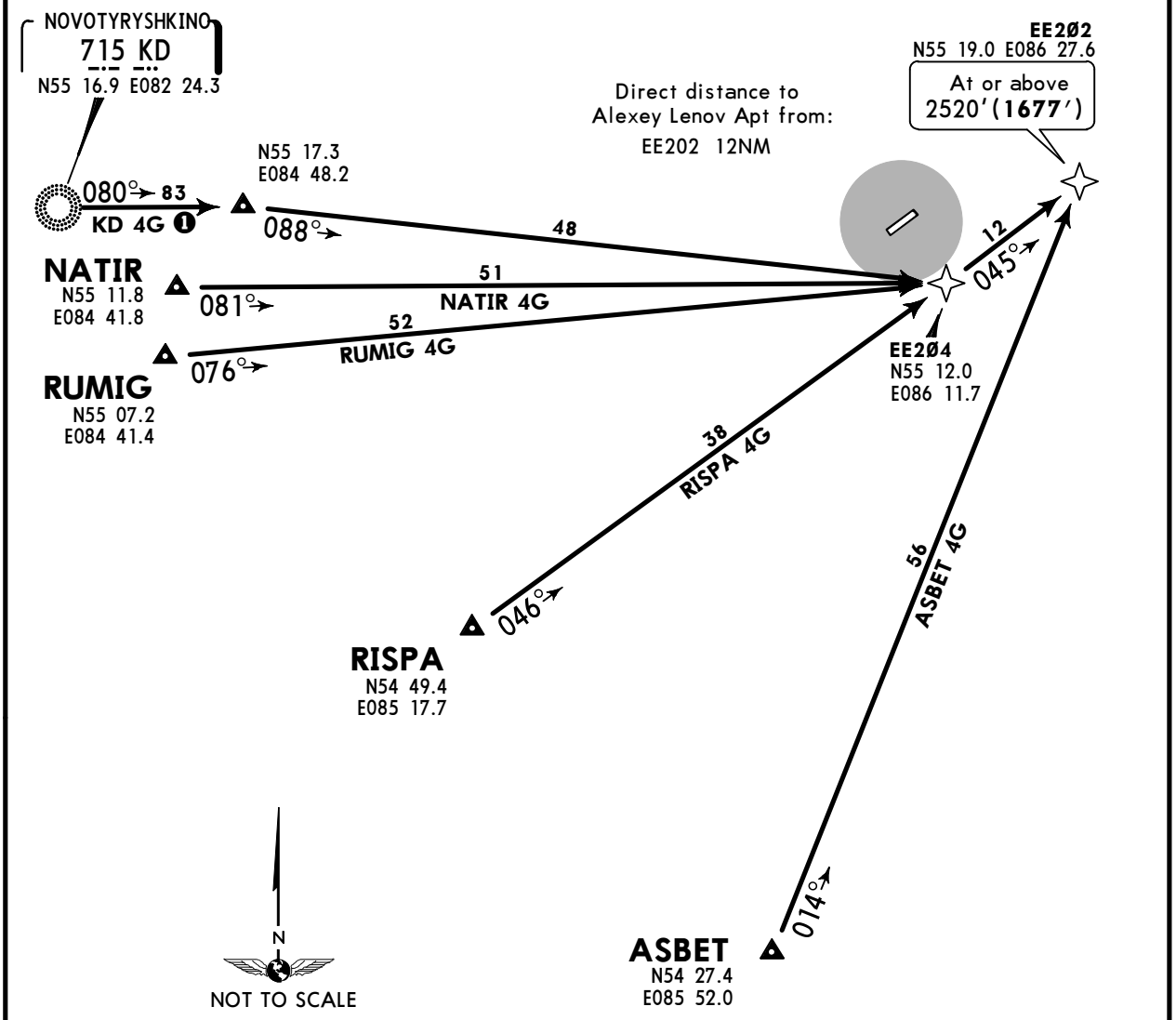
KEMEROVO App 125.5	Apt Elev 873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1677′)** **1. RNAV (GNSS), GLONASS OR GPS REQUIRED.** 2. Request clearance for GNSS approach from KEMEROVO Approach on first contact.
ATIS 128.7		

ASBET 4G [ASBE4G], KD 4G
NATIR 4G [NATI4G], RISPA 4G [RISP4G]
RUMIG 4G [RUMI4G]
RNAV





❶ Only for Russian users of airspace.

ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	**(1677 - 500m)**

STAR	RWY	ROUTING
ASBET 4G	**23**	ASBET- EE202 (2520′+).
KD 4G By ATC		KD - N55 17.3 E084 48.2 - EE204 - EE202 (2520′+).
NATIR 4G		NATIR - EE204 - EE202 (2520′+).
RISPA 4G		RISPA - EE204 - EE202 (2520′+).
RUMIG 4G		RUMIG - EE204 - EE202 (2520′+).

CHANGES: ATIS established.

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UNEE/KEJ
ALEXEY LENOV

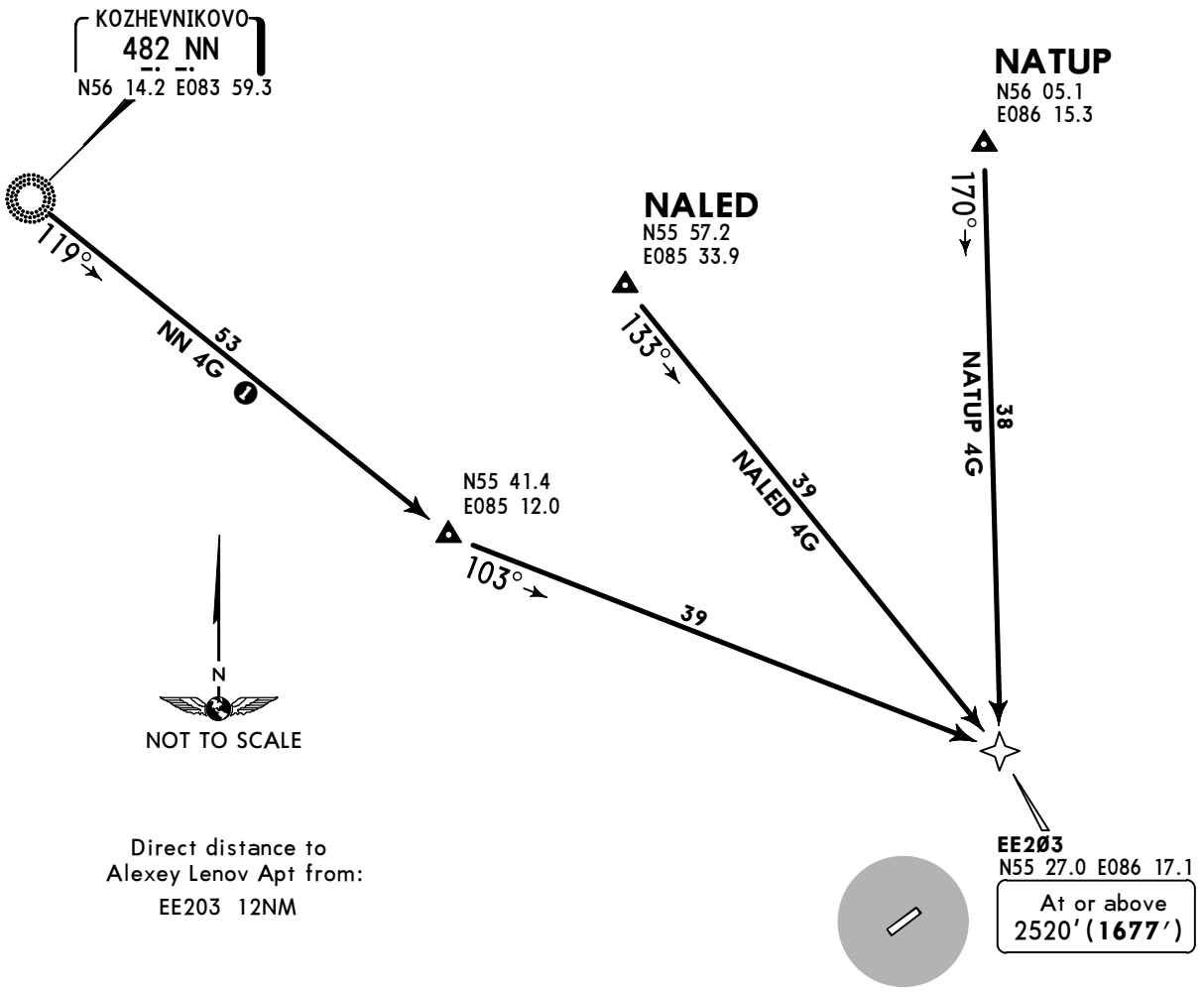
JEPPESEN

5 FEB 16 (10-2E)

KEMEROVO, RUSSIA
RNAV STAR

KEMEROVO App 125.5	Apt Elev 873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1677′)** **1. RNAV (GNSS), GLONASS OR GPS REQUIRED.** 2. Request clearance for GNSS approach from KEMEROVO Approach on first contact.
ATIS 128.7		

NALED 4G [NALE4G]
NATUP 4G [NATU4G]
NN 4G
RNAV



Direct distance to
Alexey Lenov Apt from:
EE203 12NM

❶ Only for Russian users of airspace.

ALT/HEIGHT CONVERSION
QNH (QFE)
2520′ **(1677′ - 500m)**

STAR	RWY	ROUTING
NALED 4G	**23**	NALED - EE203 (2520′+).
NATUP 4G		NATUP - EE203 (2520′+).
NN 4G By ATC		NN - N55 41.4 E085 12.0 - EE203 (2520′+).

CHANGES: ATIS established.

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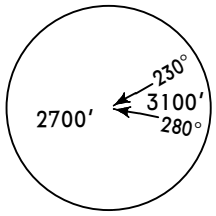
ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1690′)**

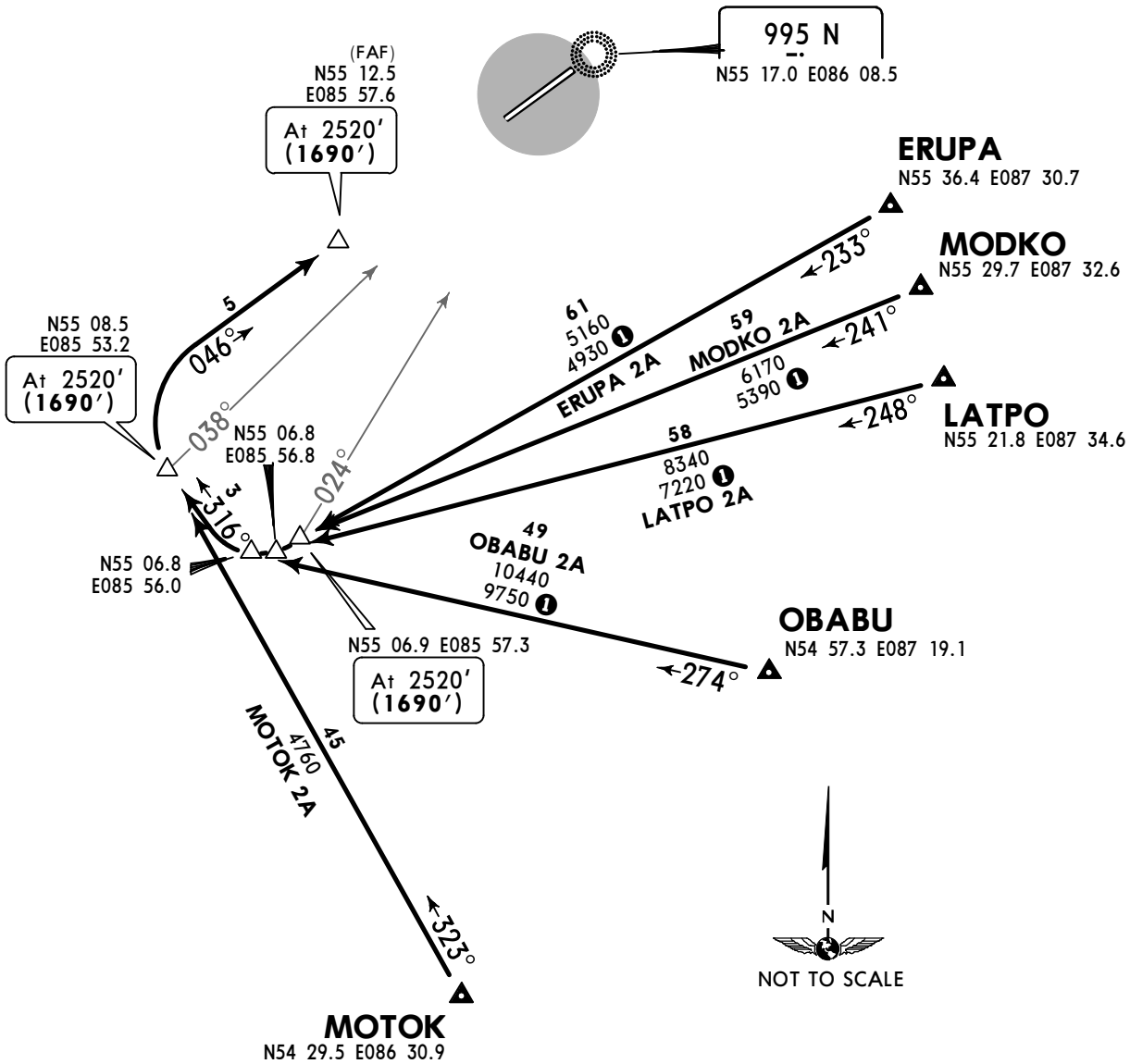


MSA
ARP

ERUPA 2A [ERUP2A]
LATPO 2A [LATP2A]
MODKO 2A [MODK2A]
MOTOK 2A [MOTO2A]
OBABU 2A [OBAB2A]
RWY 05

CAT C & D

❶ MEA when under RADAR control.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	**(1690′ - 500m)**

CHANGES: ATIS established.

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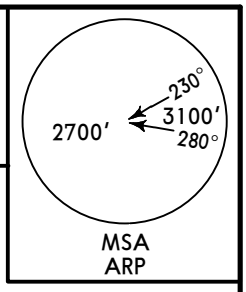
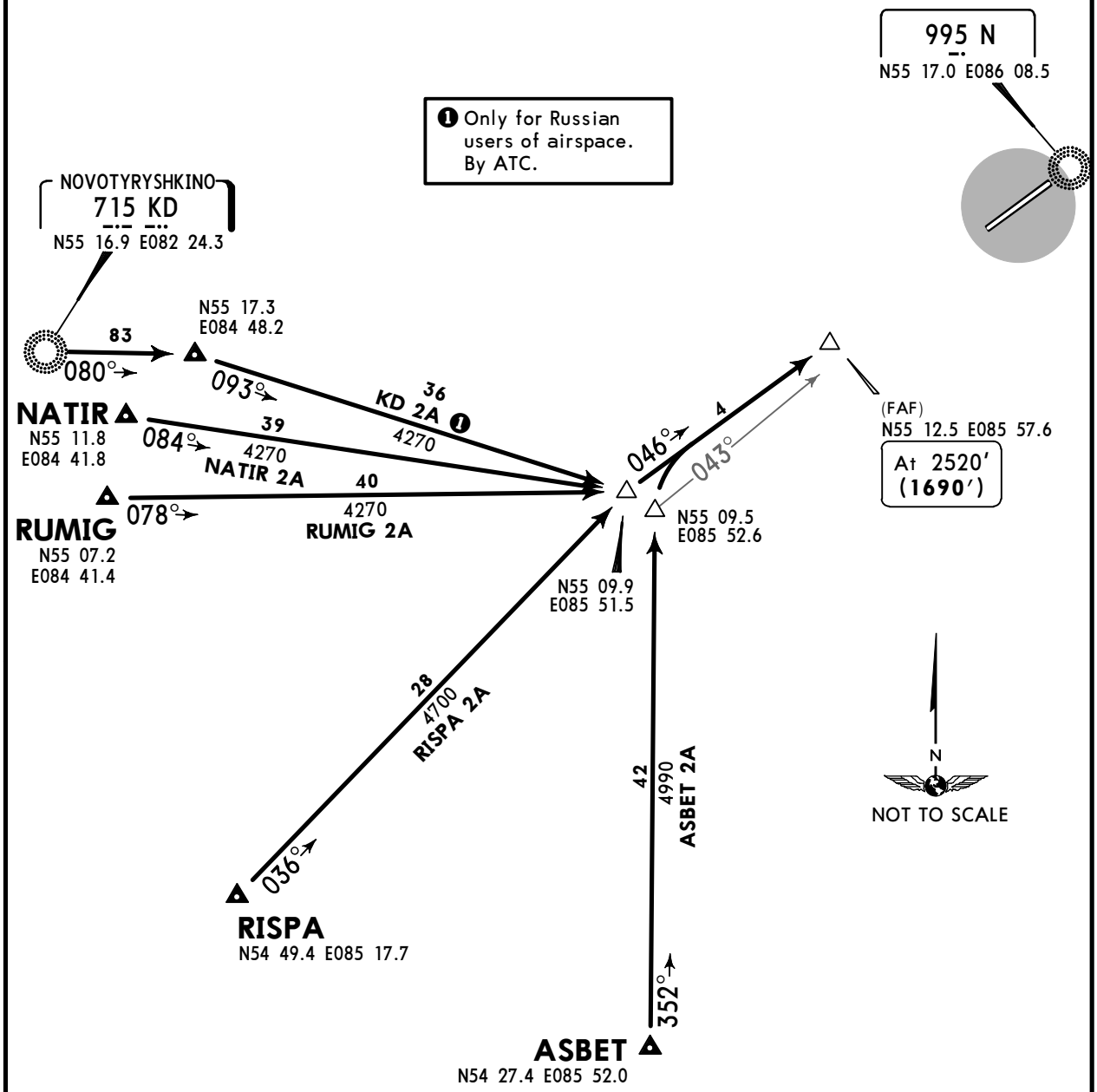
ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1690′)**



ASBET 2A [ASBE2A]
KD 2A
NATIR 2A [NATI2A]
RISPA 2A [RISP2A]
RUMIG 2A [RUMI2A]
RWY 05

CAT C & D



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
2520′	**(1690′ -**	**500m)**

CHANGES: ATIS established.

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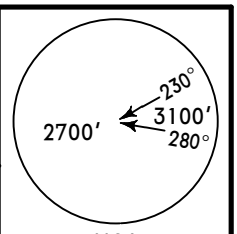
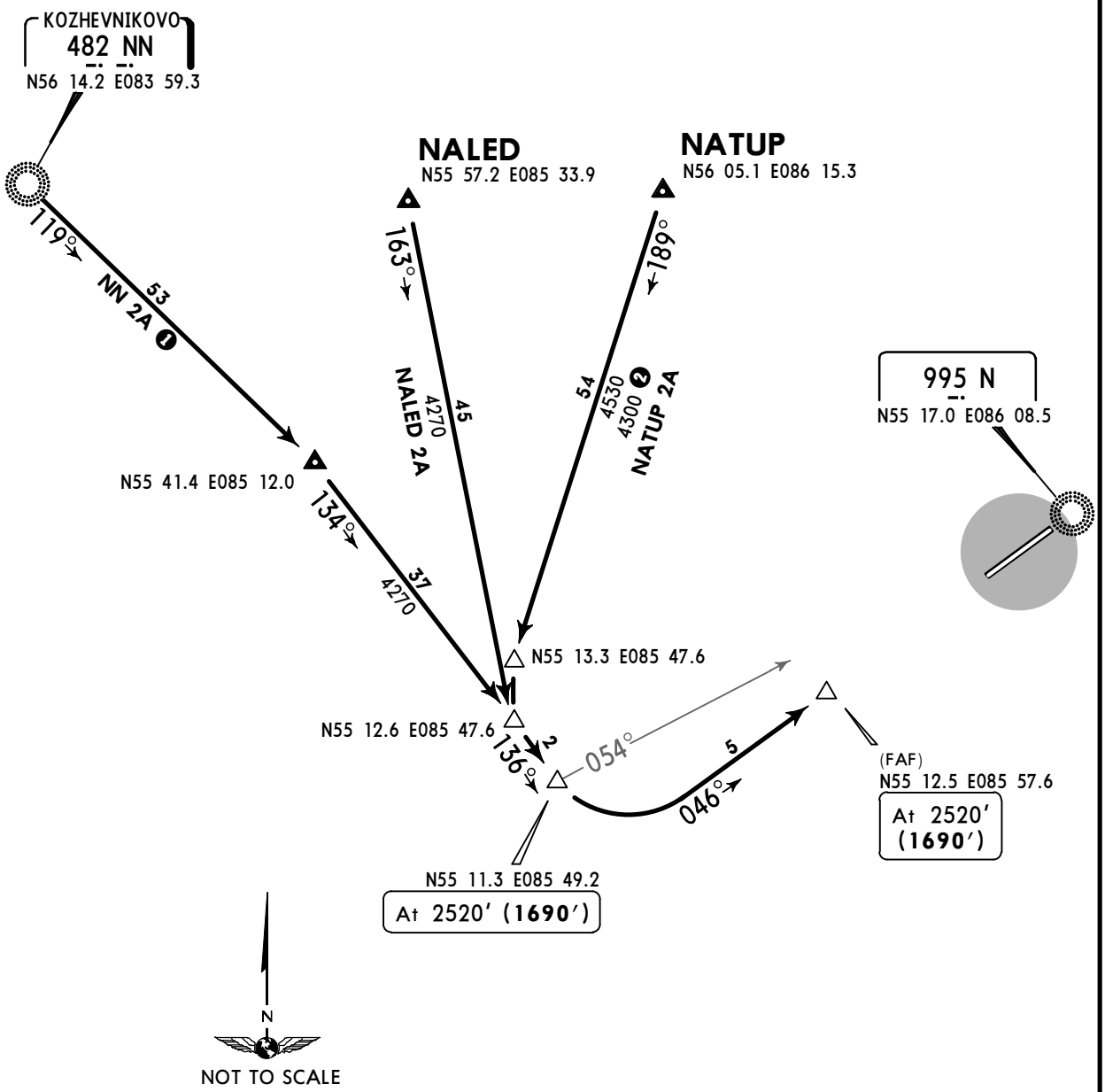
ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1690′)**



NALED 2A [NALE2A]
NATUP 2A [NATU2A]
NN 2A
RWY 05

CAT C & D

❶ Only for Russian users of airspace. By ATC.
❷ MEA when under RADAR control.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	(1690′ - 500m)

CHANGES: ATIS established.

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UNEE/KEJ
ALEXEY LEONOV

JEPPESEN

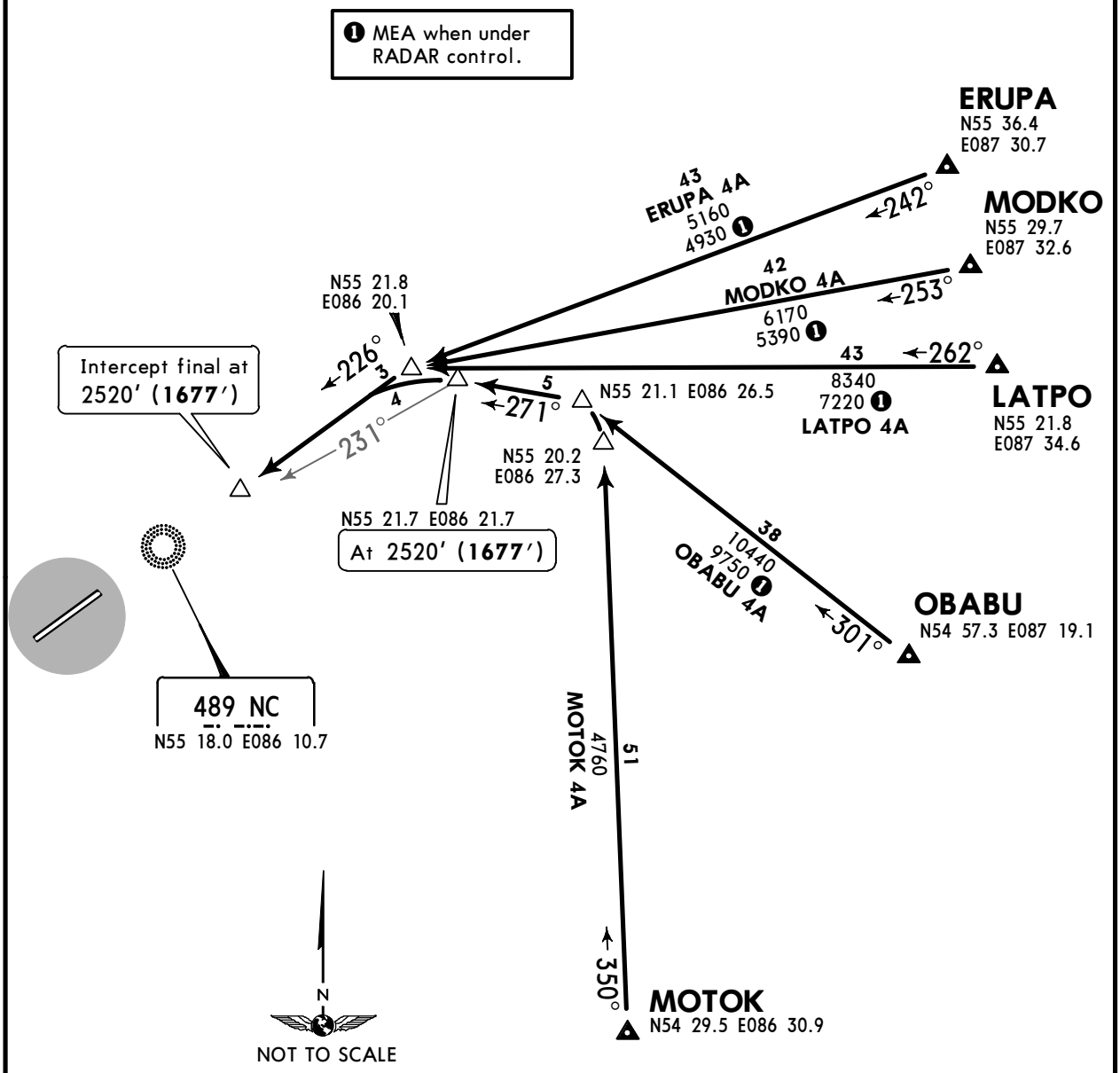
5 FEB 16 (10-2J)

KEMEROVO, RUSSIA
STAR

ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1677′)**

MSA ARP: 2700′ — 230° 3100′ 280°

ERUPA 4A [ERUP4A]
LATPO 4A [LATP4A]
MODKO 4A [MODK4A]
MOTOK 4A [MOTO4A]
OBABU 4A [OBAB4A]
RWY 23
CAT C & D



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
2520′	**(1677′ -**	**500m)**

CHANGES: ATIS established.

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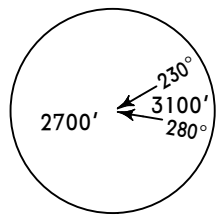
ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1677′)**



MSA
ARP

ASBET 4A [ASBE4A]
KD 4A
NATIR 4A [NATI4A]
RISPA 4A [RISP4A]
RUMIG 4A [RUMI4A]
RWY 23

CAT C & D

❶ Only for Russian users of airspace. By ATC.

Intercept final at 2520′ **(1677′)**

N55 21.7
E086 21.7
At 2520′ **(1677′)**

NOVOTYRYSHKINO
715 KD
N55 16.9 E082 24.3

489 NC
N55 18.0 E086 10.7

N55 19.8 E086 27.2

N55 17.3
E084 48.2

NATIR
N55 11.8
E084 41.8

RUMIG
N55 07.2
E084 41.4

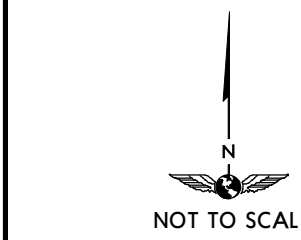
995 N
N55 17.0 E086 08.5

N55 14.6
E086 15.1

N55 19.2
E086 26.5
At 2520′ **(1677′)**

RISPA
N54 49.4 E085 17.7

ASBET
N54 27.4 E085 52.0



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
2520′	**(1677′**	**- 500m)**

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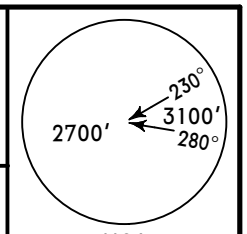
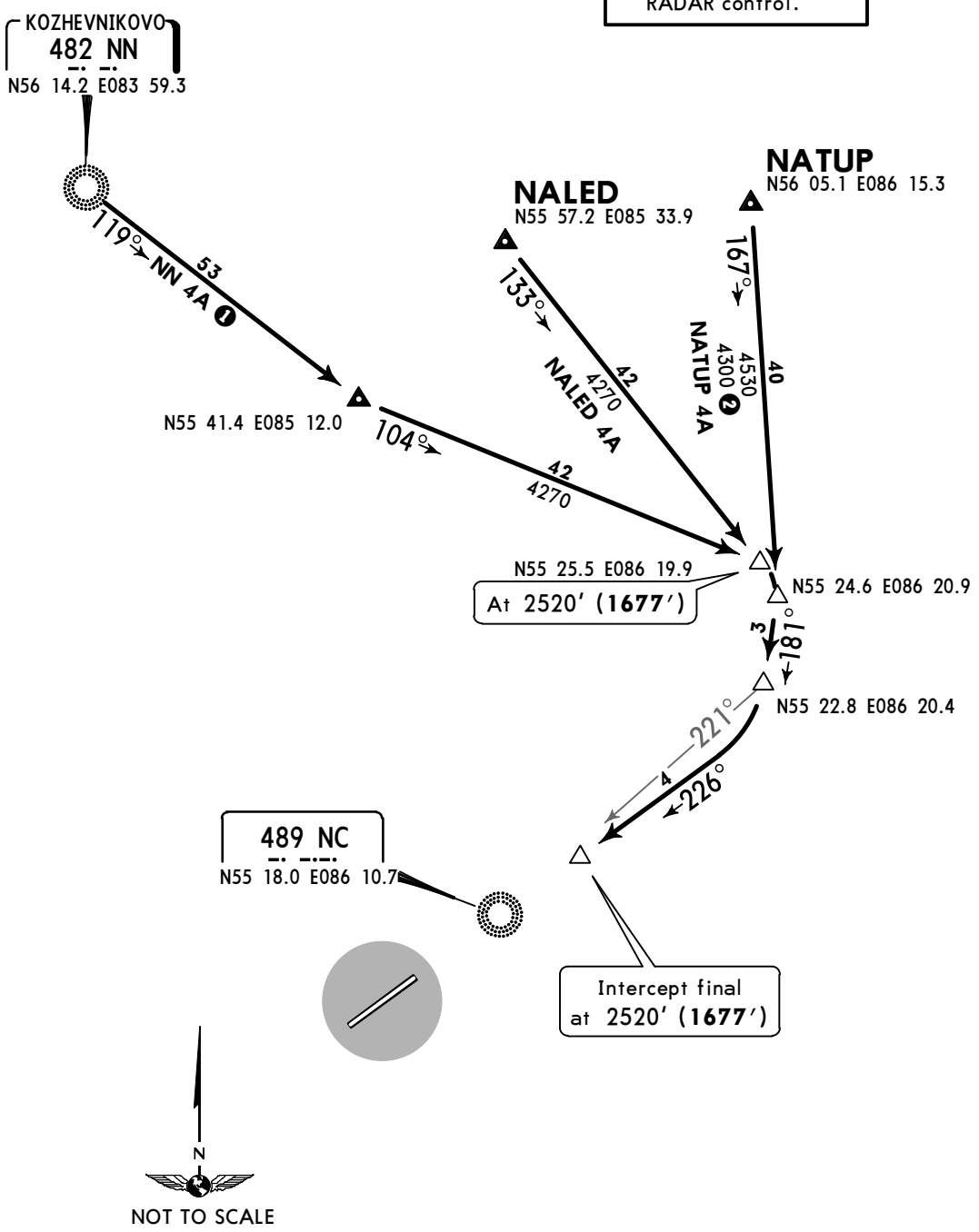
ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1677′)**



NALED 4A [NALE4A]
NATUP 4A [NATU4A]
NN 4A
RWY 23

CAT C & D

❶ Only for Russian users of airspace. By ATC.
❷ MEA when under RADAR control.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	**(1677′ - 500m)**

CHANGES: ATIS established.

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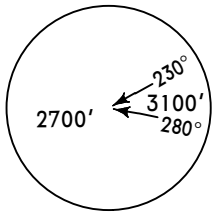
UNEE/KEJ
ALEXEY LEONOV

JEPPESEN

5 FEB 16 (10-2M)

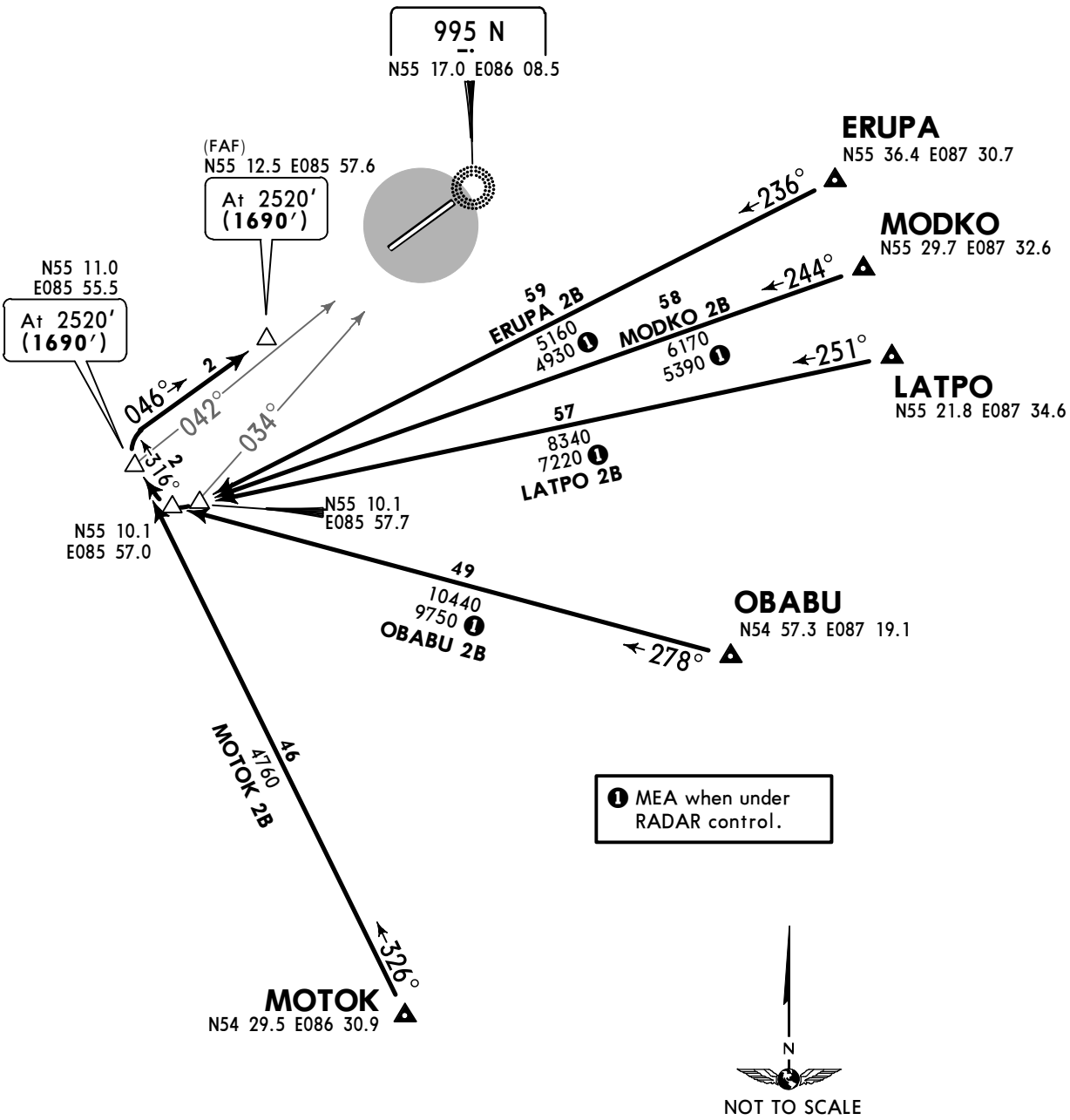
KEMEROVO, RUSSIA
STAR

ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1690′)**



MSA
ARP

ERUPA 2B [ERUP2B]
LATPO 2B [LATP2B]
MODKO 2B [MODK2B]
MOTOK 2B [MOTO2B]
OBABU 2B [OBAB2B]
RWY 05
CAT A & B



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
2520′	**(1690′ -**	**500m)**

CHANGES: ATIS established.

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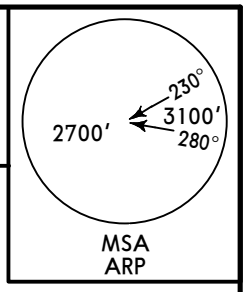
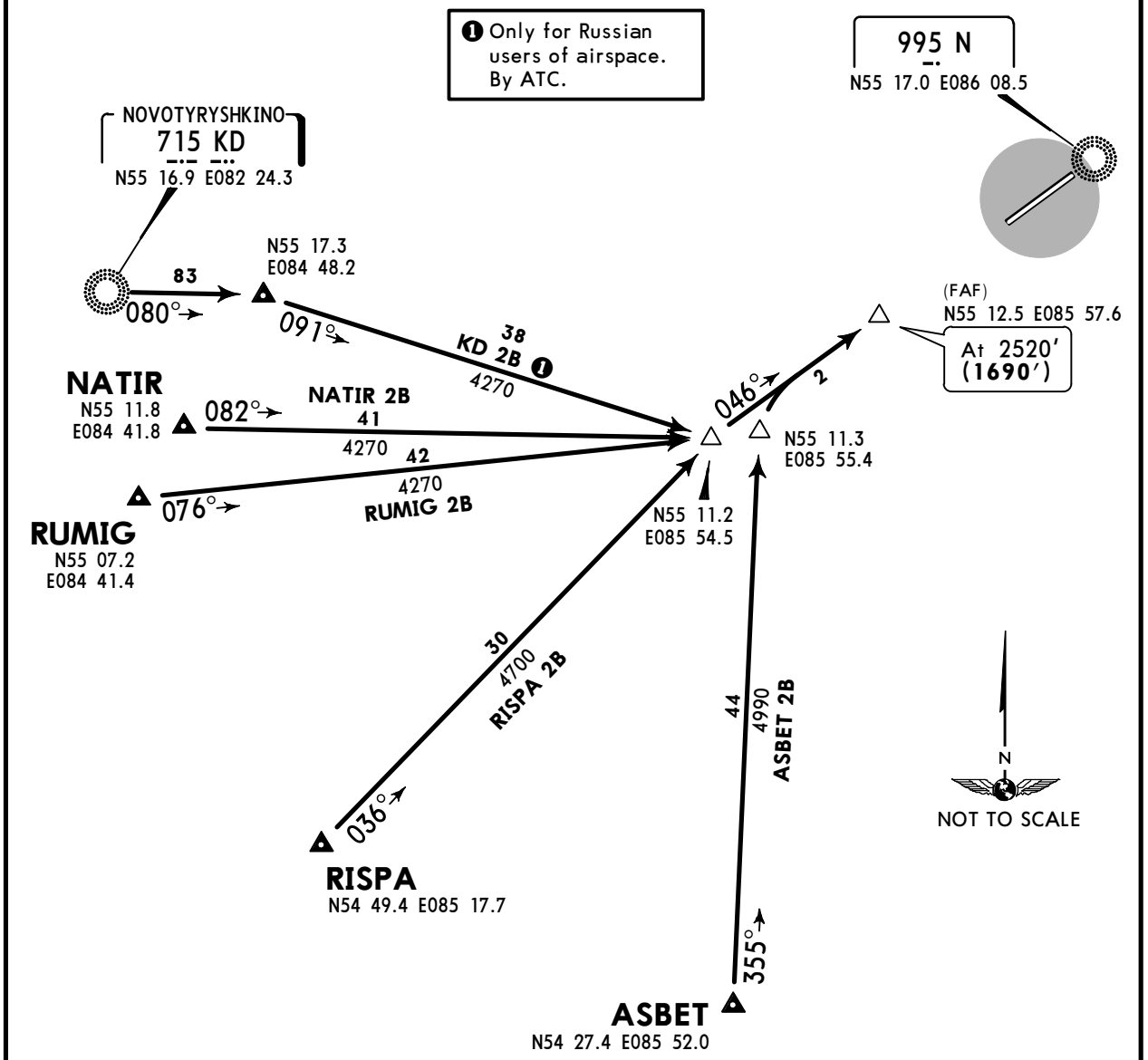
ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1690′)**



ASBET 2B [ASBE2B]
KD 2B
NATIR 2B [NATI2B]
RISPA 2B [RISP2B]
RUMIG 2B [RUMI2B]
RWY 05

CAT A & B



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
2520′	**(1690′ -**	**500m)**

CHANGES: ATIS established.

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UNEE/KEJ
ALEXEY LEONOV

JEPPESEN

5 FEB 16 (10-2P)

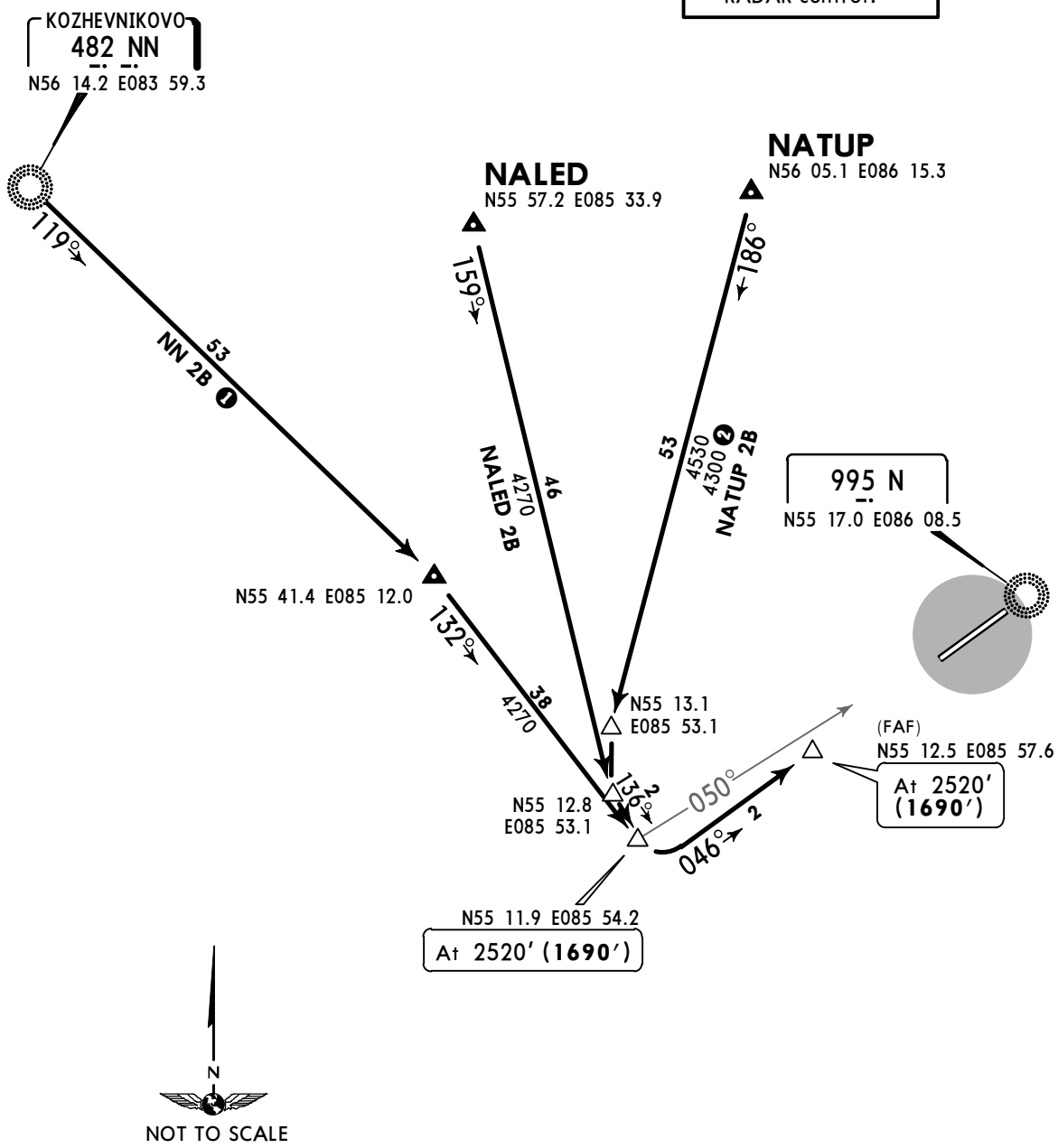
KEMEROVO, RUSSIA
STAR

ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1690′)**

MSA ARP: 2700′ — 230° 3100′ 280°

NALED 2B [NALE2B]
NATUP 2B [NATU2B]
NN 2B
RWY 05
CAT A & B

❶ Only for Russian users of airspace. By ATC.
❷ MEA when under RADAR control.



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
2520′	**(1690′ -**	**500m)**

CHANGES: ATIS established.

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UNEE/KEJ
ALEXEY LEONOV

JEPPESEN

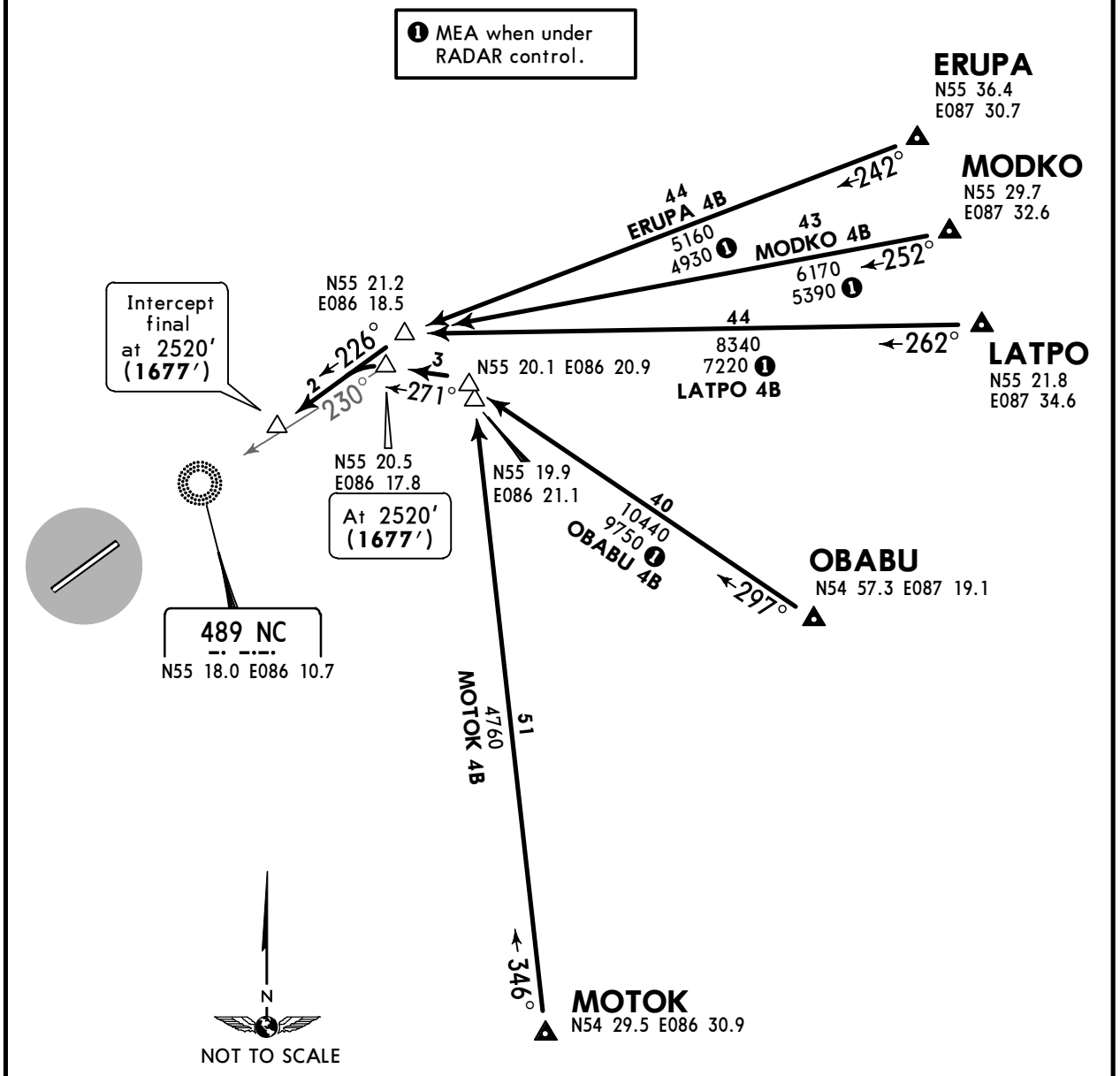
5 FEB 16 (10-2Q)

KEMEROVO, RUSSIA
STAR

ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1677′)**

MSA ARP: 2700′ (230°, 280°, 3100′)

ERUPA 4B [ERUP4B]
LATPO 4B [LATP4B]
MODKO 4B [MODK4B]
MOTOK 4B [MOTO4B]
OBABU 4B [OBAB4B]
RWY 23
CAT A & B



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
2520′	**(1677′ - 500m)**	

CHANGES: ATIS established.

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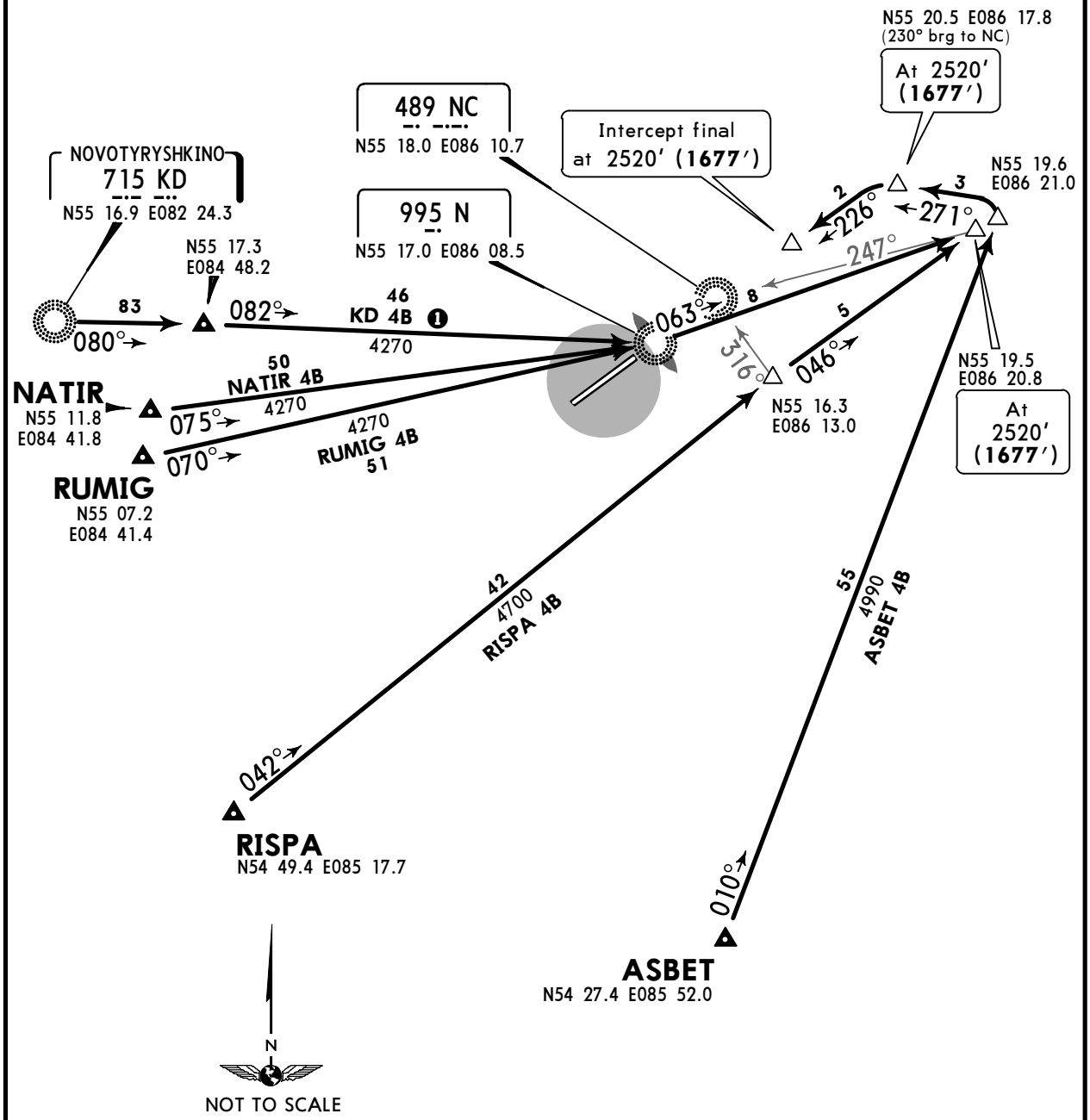
ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ **(1677′)**

MSA ARP: 2700′ (230°, 280°), 3100′

ASBET 4B [ASBE4B]
KD 4B
NATIR 4B [NATI4B]
RISPA 4B [RISP4B]
RUMIG 4B [RUMI4B]
RWY 23

CAT A & B

❶ Only for Russian users of airspace. By ATC.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	**(1677′ - 500m)**

CHANGES: ATIS established.

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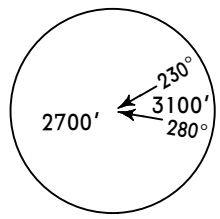
ATIS	Apt Elev	
128.7	873′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ (**1677′**)

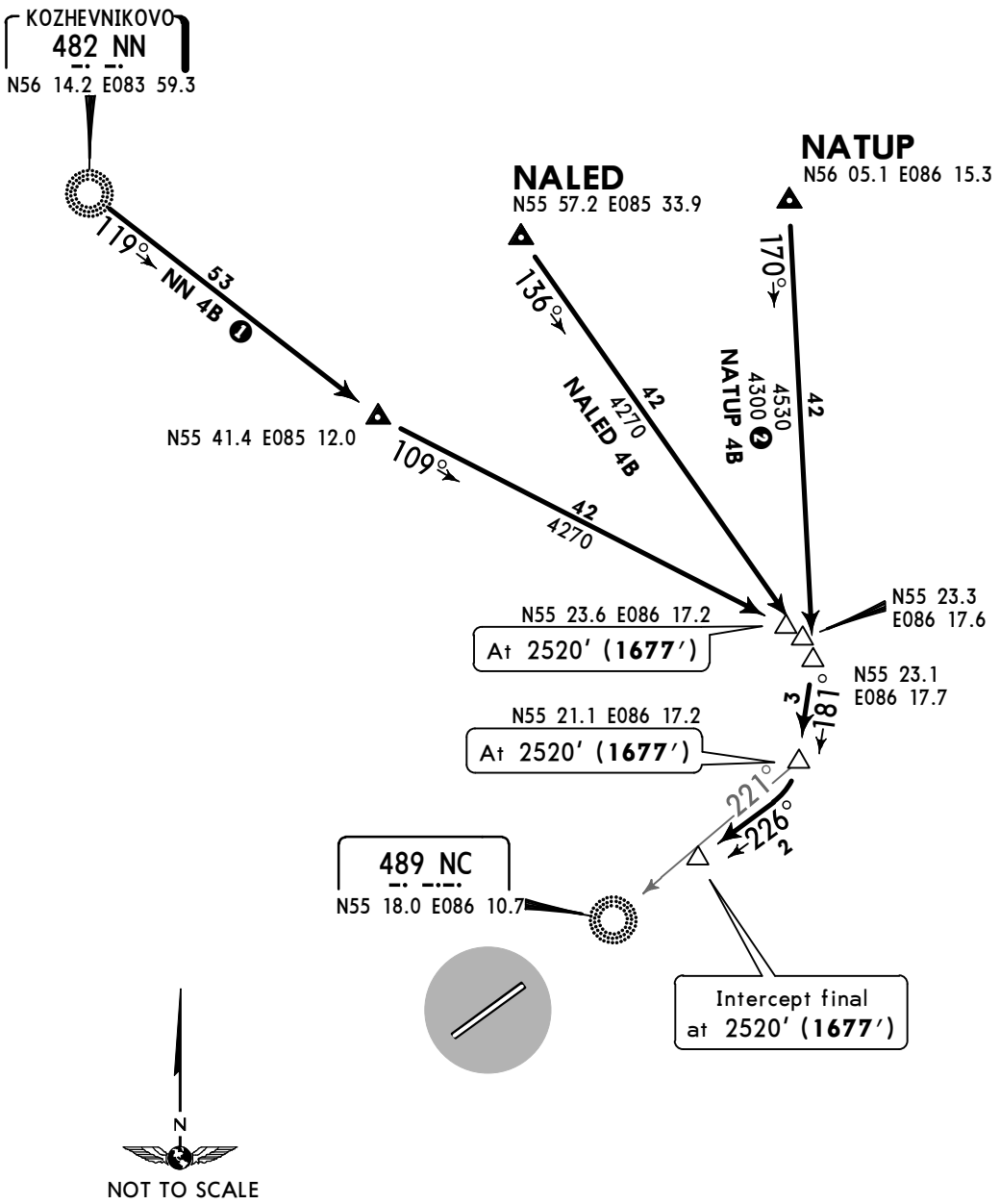


MSA
ARP

NALED 4B [NALE4B]
NATUP 4B [NATU4B]
NN 4B
RWY 23

CAT A & B

❶ Only for Russian users of airspace. By ATC.
❷ MEA when under RADAR control.



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
2520′	(**1677′** -	**500m**)

CHANGES: ATIS established.

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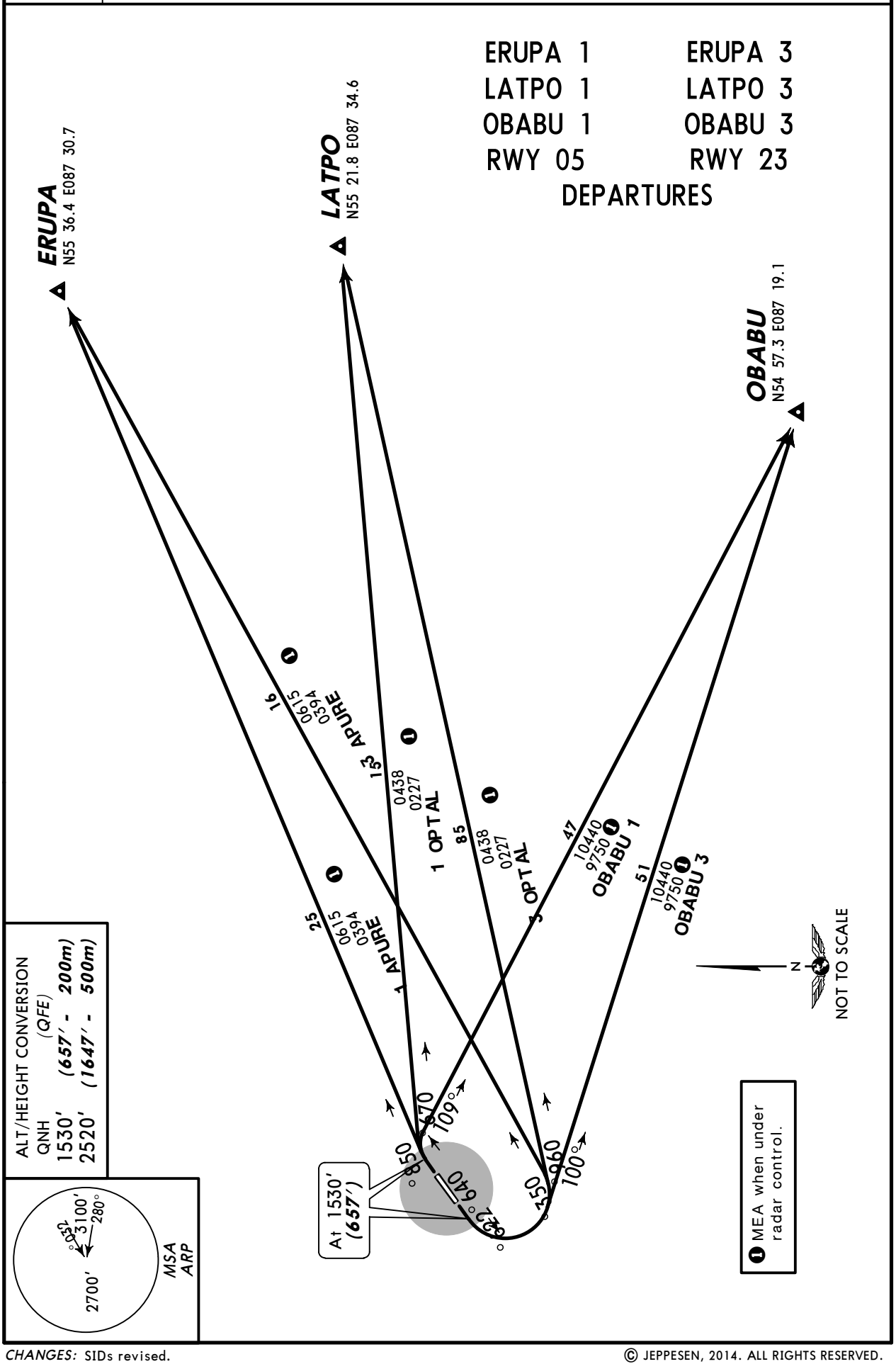
Apt Elev 873′	QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less and equal or more than 733mm (977.3 hPa) FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ ***(1647′)***



CHANGES: SIDs revised.

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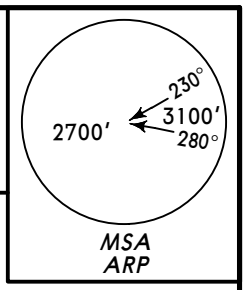
Apt Elev 873′	QNH on request **(QFE)** Trans level: FL30 FL40 if pressure is 759mm (1011.9 hPa) or less and equal or more than 733mm (977.3 hPa) FL50 if pressure is 732mm (975.9 hPa) or less Trans alt: 2520′ ***(1647′)***



ASBET 1 ASBET 3
MOTOK 1 MOTOK 3
RISPA 1 RISPA 3
RWY 05 RWY 23
DEPARTURES

At 1530′
(657′)

218° 226° 046° 224° 160° 151° 180° 187°

40 4700 RISPA 3
50 4700 RISPA 1
50 4990 ASBET 3
56 4990 ASBET 1
50 4760 MOTOK 3
53 4760 MOTOK 1

RISPA
N54 49.4 E085 17.7

N
NOT TO SCALE

ASBET
N54 27.4 E085 52.0

MOTOK
N54 29.5 E086 30.9

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
1530′	***(657′ - 200m)***
2520′	***(1647′ - 500m)***

CHANGES: SIDs revised.

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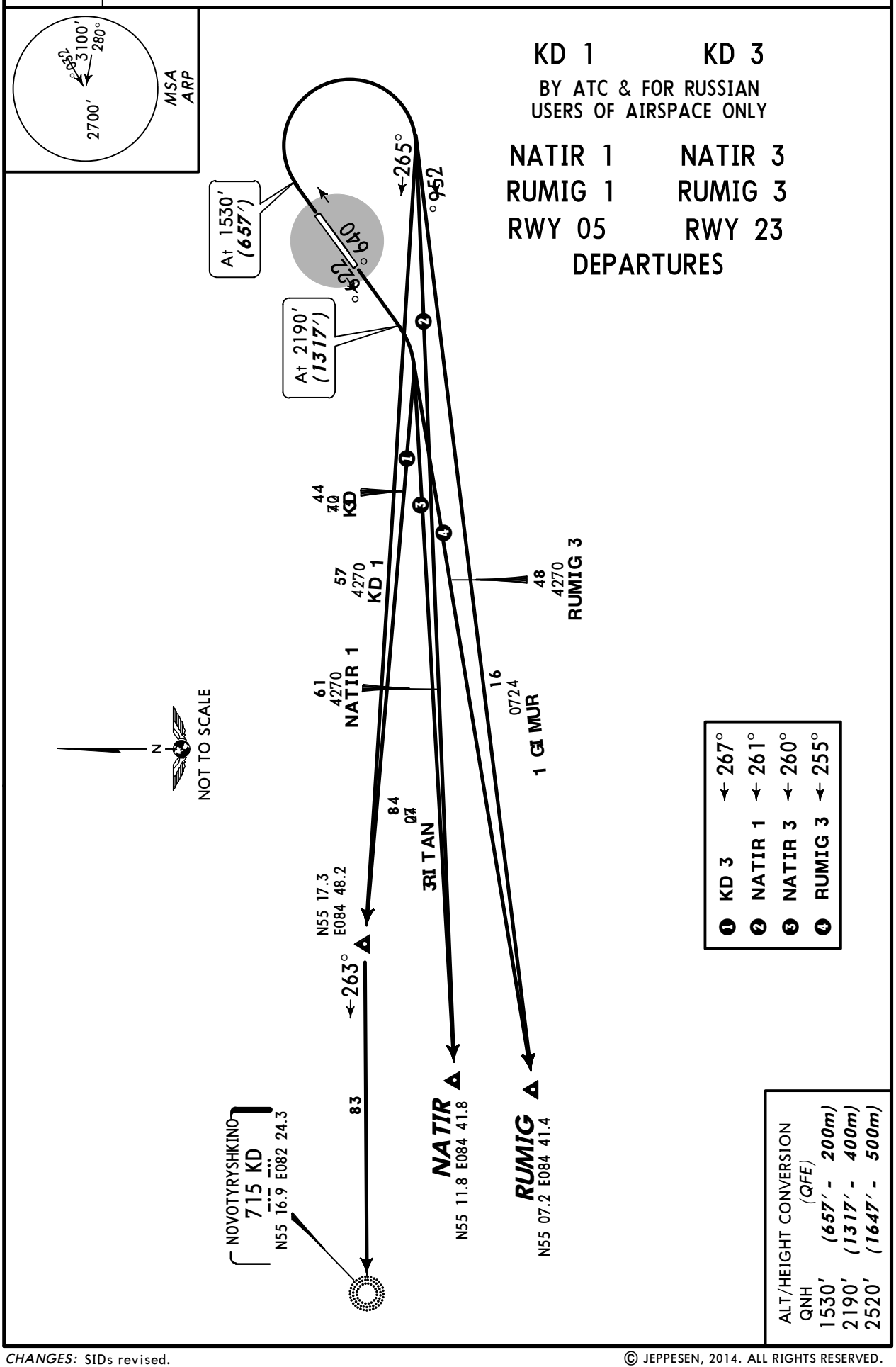
Apt Elev 873′

QNH on request **(QFE)**
Trans level: FL30
FL40 if pressure is 759mm (1011.9 hPa) or less and equal or more than 733mm (977.3 hPa)
FL50 if pressure is 732mm (975.9 hPa) or less
Trans alt: 2520′ ***(1647′)***



CHANGES: SIDs revised.

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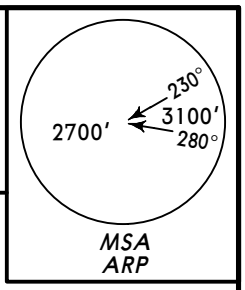
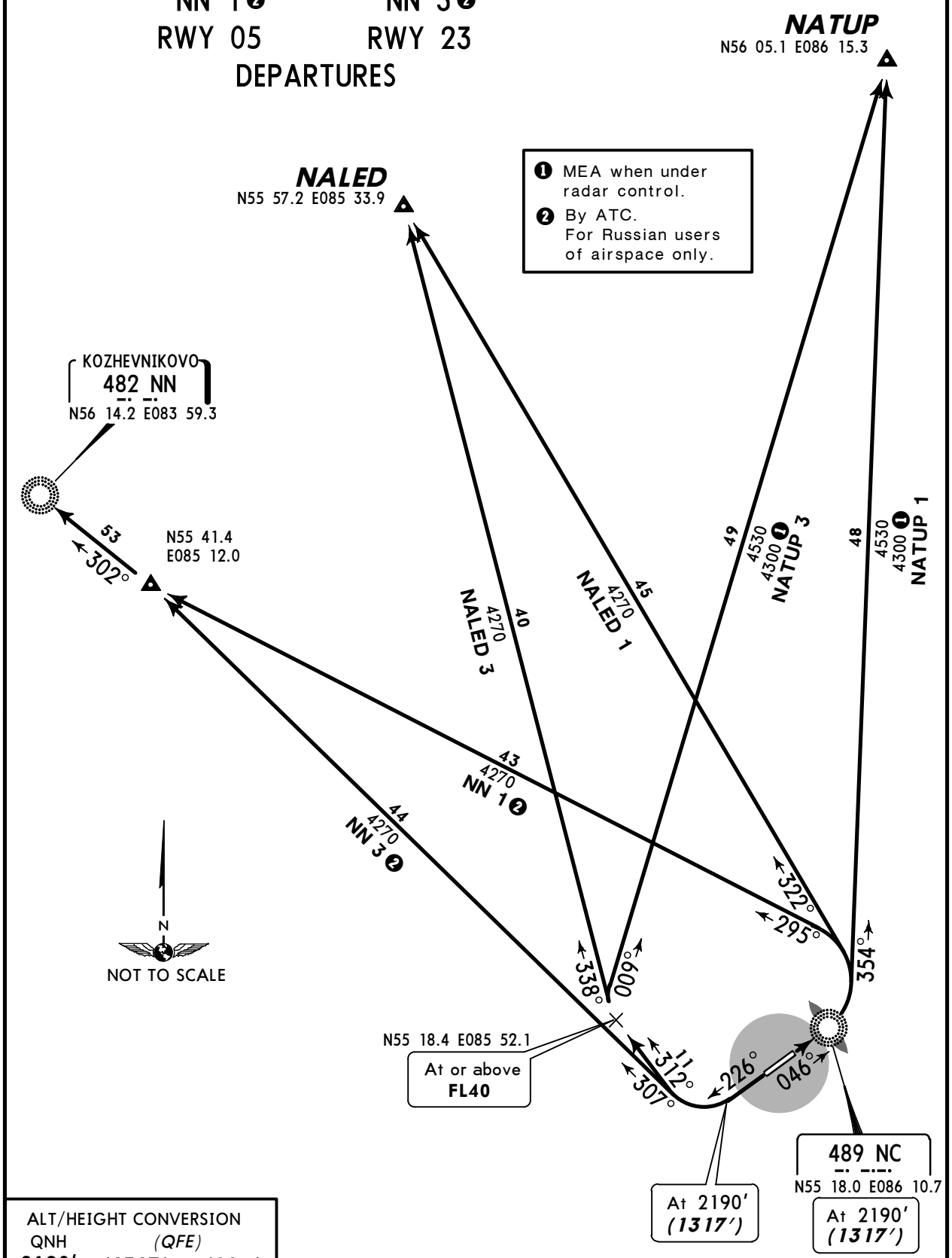
Apt Elev 873′

QNH on request **(QFE)**
Trans level: FL30
FL40 if pressure is 759mm (1011.9 hPa) or less and equal or more than 733mm (977.3 hPa)
FL50 if pressure is 732mm (975.9 hPa) or less
Trans alt: 2520′ ***(1647′)***



NALED 1 NALED 3
NATUP 1 NATUP 3
NN 1❷ NN 3❷
RWY 05 RWY 23
DEPARTURES

❶ MEA when under radar control.
❷ By ATC. For Russian users of airspace only.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2190′	***(1317′ - 400m)***
2520′	***(1647′ - 500m)***

CHANGES: SIDs transferred, renamed & revised.

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NOISE ABATEMENT

GENERAL

Noise abatement procedures shall be carried out by crews of all ACFT. It shall not be executed at the expense of reduction of flight safety and in case of engine failure during take-off.

ARRIVALS

In case of complicated meteorological conditions the pilot-in-command may deviate from noise abatement procedures during approach phase if he considers it necessary for safety reasons.

Preferential RWY is RWY 05, especially at night.

During approaches to both RWYs, joining circle manoeuvres shall be carried out strictly according to the pattern.

DEPARTURES

Take-off of IL-76 and IL-76T is limited at night.

Nominal regime of noiseless take-off procedure according to the Airplane Flight Manual shall be established at 2190′ (1317′) for IL-86 and IL-96 ACFT and at 2520′ (1647′) for other ACFT.

Initial turn shall be carried out at an altitude not less than 2190′ (1317′) on take-off heading 226° and departing to KD, NALED, NATIR, NATUP, NN and RUMIG. On take-off heading 046° departing to NALED, NATUP and NN.

RUN-UP TESTS

Engines run-up is allowed on TWY 1 or the RWY by coordination with KEMEROVO Start and shall be carried out during daylight only.

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UNEE/KEJ

Apt Elev **873′**
N55 16.2 E086 06.5

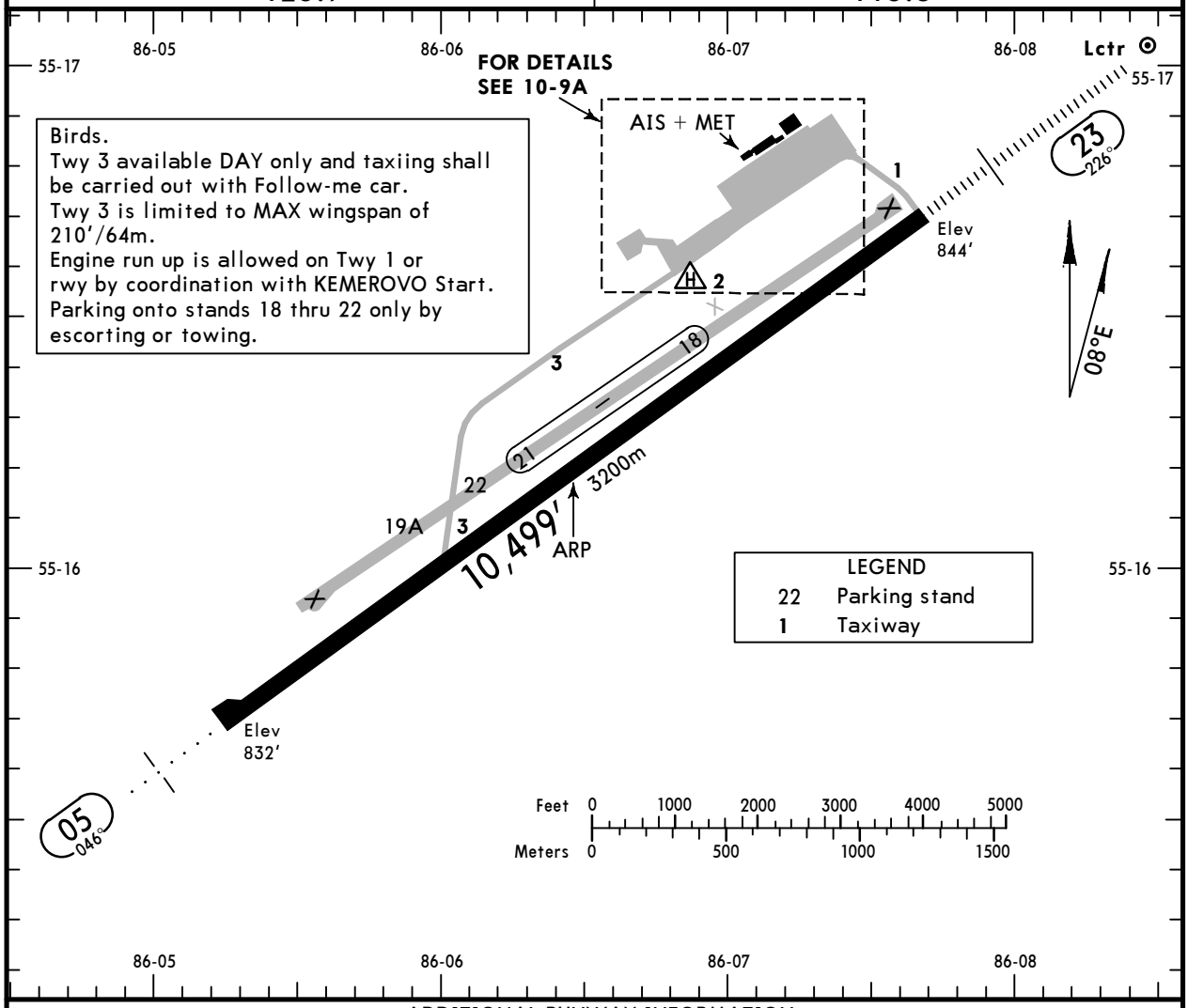
JEPPESEN

12 AUG 16 (10-9)

KEMEROVO, RUSSIA

ALEXEY LEONOV

ATIS	KEMEROVO Start (GND/TWR)
128.7	118.3



ADDITIONAL RUNWAY INFORMATION

RWY					USABLE LENGTHS — LANDING BEYOND — Threshold	Glide Slope	TAKE-OFF	WIDTH
05	HIRL (60m)	ALS	PAPI-L (2.75°)	RVR			❶	197′ 60m
23	HIRL (60m)	HIALS	PAPI-L (2.75°)	RVR		9527′ 2904m		

❶ RWY 23: To reduce buffeting effects during take-off, pilots are authorised on own discretion to shift the line up position 1640′/500m inwards THR 23.
The position is marked by three cones on left and right side (TORA 8858′/2700m).

TAKE-OFF

AIR CARRIER (JAA)

All Rwys

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

CHANGES: Taxiway 3 reopened. Notes.

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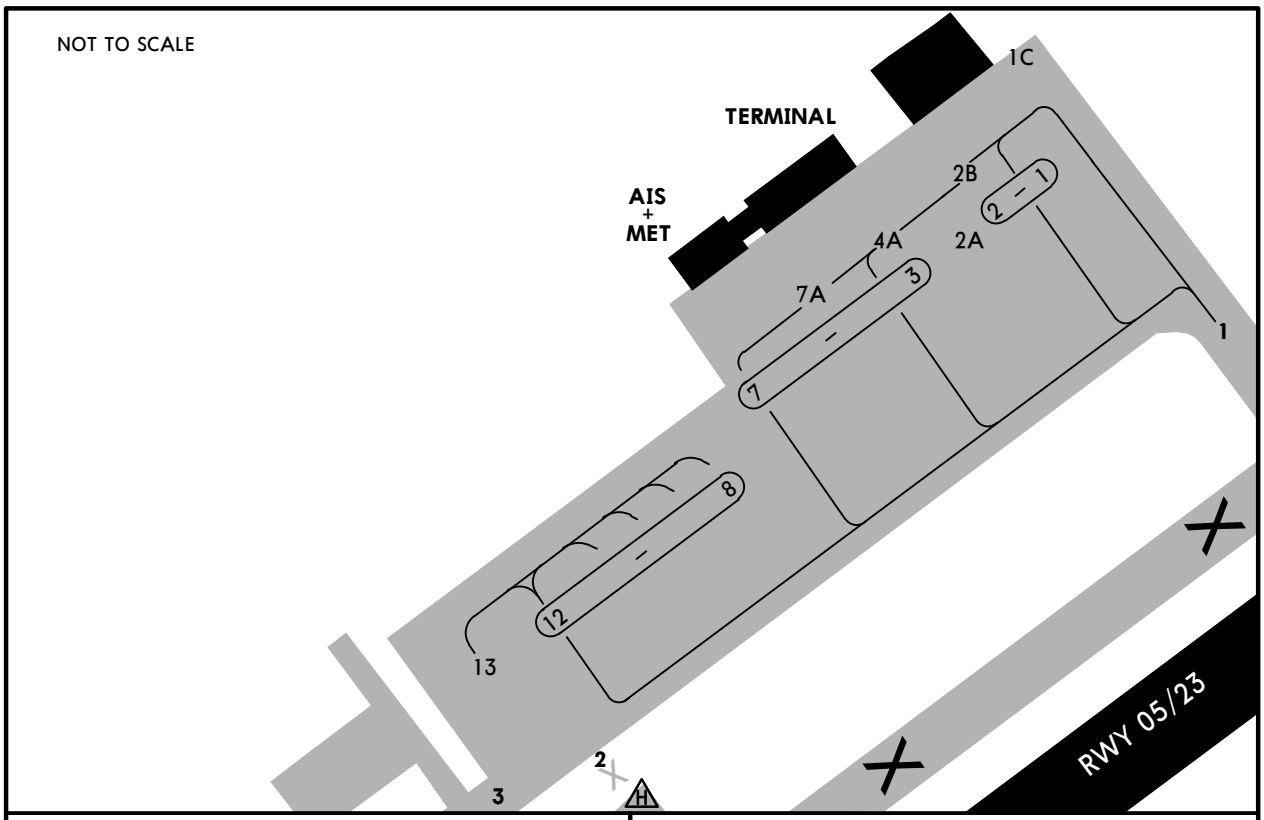

INS COORDINATES

STAND No.	COORDINATES
1	N55 16.9 E086 07.3
2, 2A	N55 16.9 E086 07.2
3	N55 16.8 E086 07.2
4, 5	N55 16.8 E086 07.1
6 thru 7A	N55 16.8 E086 07.0
8 thru 10	N55 16.7 E086 06.9

Start-up, taxiing or towing shall be carried out by permission of controller.
Stand 13 available for helicopters.

CHANGES: Taxiway 3.

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STRAIGHT-IN RWY		A	B	C	D
05	RNAV (GLS)	**1056**′(226′)	**1066**′(236′)	**1076**′(246′)	**1086**′(256′)
		R1000m	**R1000m**	**R1000m**	**R1100m**
	ALS out	R1200m	R1200m	R1300m	R1300m
	RNAV (GNSS) ❶	**1210**′(380′)	**1210**′(380′)	**1210**′(380′)	**1210**′(380′)
		R1500m	**R1500m**	**R1500m**	**R1500m**
	ALS out	R1500m	R1500m	R1700m	R1700m
	NDB ❶❷	**1190**′(360′)	**1190**′(360′)	**1190**′(360′)	**1190**′(360′)
		R1400m	**R1400m**	**R1400m**	**R1400m**
	ALS out	R1500m	R1500m	R1600m	R1600m
	NDB ❸	**1680**′(850′)	**1680**′(850′)	**1680**′(850′)	**1680**′(850′)
		C3800m	**C3800m**	**C4000m**	**C4000m**
	ALS out	C4000m	C4000m	C4200m	C4200m
23	ILS	**1043**′(200′)	**1043**′(200′)	**1043**′(200′)	**1043**′(200′)
	FULL	**R550m**	**R550m**	**R550m**	**R550m**
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	RNAV (GLS)	**1063**′(220′)	**1073**′(230′)	**1083**′(240′)	**1093**′(250′)
	FULL	**R550m**	**R550m**	**R550m**	**R550m**
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1300m
	RNAV (GNSS) ❶	**1210**′(367′)	**1210**′(367′)	**1210**′(367′)	**1210**′(367′)
		R1000m	**R1000m**	**R1000m**	**R1000m**
	ALS out	R1500m	R1500m	R1700m	R1700m
	2 NDB ❶	**1210**′(367′)	**1210**′(367′)	**1210**′(367′)	**1210**′(367′)
		R1000m	**R1000m**	**R1000m**	**R1000m**
	ALS out	R1500m	R1500m	R1700m	R1700m
	NC NDB or N Lctr ❶❷	**1210**′(367′)	**1210**′(367′)	**1210**′(367′)	**1210**′(367′)
		R1000m	**R1000m**	**R1000m**	**R1000m**
	ALS out	R1500m	R1500m	R1700m	R1700m
	NC NDB ❶❸	**1450**′(607′)	**1450**′(607′)	**1450**′(607′)	**1450**′(607′)
		C2100m	**C2100m**	**C2100m**	**C2100m**
	ALS out	C2800m	C2800m	C2800m	C2800m
	N Lctr ❸	**1450**′(607′)	**1450**′(607′)	**1450**′(607′)	**1450**′(607′)
		C2300m	**C2300m**	**C2500m**	**C2500m**
	ALS out	C3000m	C3000m	C3200m	C3200m

❶ Continuous Descent Final Approach.
❷ with FAF.
❸ w/o FAF.

TAKE-OFF RWY 05, 23			
	LVP must be in Force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A, B, C	250m	400m	500m
D	300m		

CHANGES: Minimums.

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UNEE/KEJ
ALEXEY LEONOV

JEPPESEN

5 FEB 16 (11-1)

KEMEROVO, RUSSIA
ILS Rwy 23

BRIEFING STRIP ™

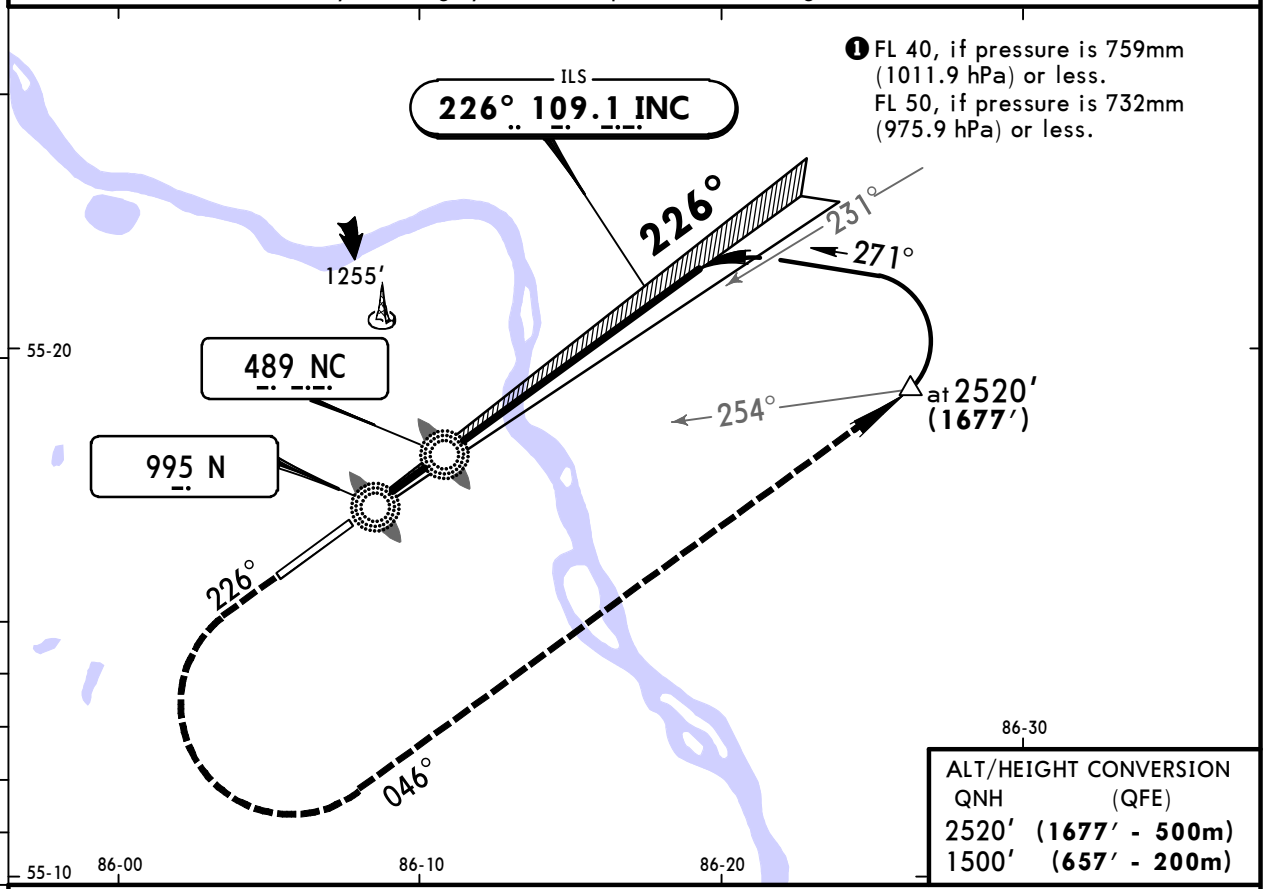
ATIS	KEMEROVO Approach	KEMEROVO Start (TWR)	Ground
128.7	125.5	118.3	118.3

LOC INC	Final Apch Crs	GS LOM	ILS DA(H)	Apt Elev 873′ Rwy 843′
109.1	**226°**	1532′(**689′**)	1043′(**200′**)	

MISSED APCH: Climb on 226° to 1500′ (657′), then turn LEFT onto 046° climbing to 2520′ (1677′), then according to chart.

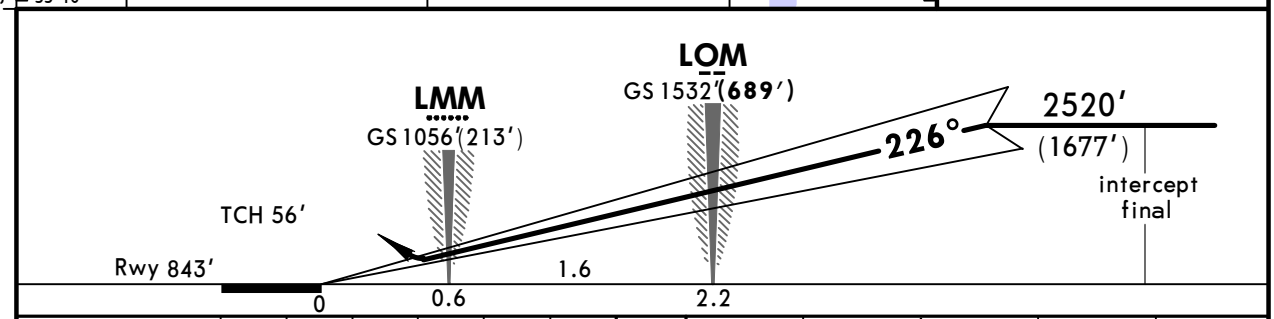
2700′ 230° 3100′ 280°
MSA ARP

Alt Set: MM (hPa on req) QNH on req (**QFE**) Trans level: FL 30 ❶ Trans alt: 2520′ (**1677′**)
WARNING: Ground Proximity Warning System is subject to functioning.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	(**1677′ - 500m**)
1500′	(**657′ - 200m**)



Gnd speed-Kts	70	90	100	120	140	160
ILS GS 2.75°	340	438	486	584	681	778

HIALS PAPI | 1500′ (657′) on 226° | 046° LT | 2520′ (1677′)

STRAIGHT-IN LANDING RWY **23**

	ILS DA(H) 1043′(200′) FULL	ILS DA(H) 1043′(200′) ALS out	LOC (GS out)
A	RVR 720m VIS 800m	1200m	NOT AUTHORIZED
B			
C			
D			

PANS OPS

CHANGES: ATIS.

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UNEE/KEJ
ALEXEY LEONOV

JEPPESEN
5 FEB 16 (12-1)

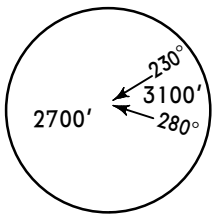
KEMEROVO, RUSSIA
RNAV (GNSS) Rwy 05

BRIEFING STRIP™

ATIS	KEMEROVO Approach	KEMEROVO Start (TWR)	Ground
128.7	125.5	118.3	118.3

RNAV	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev 873′
	046°	EE1Ø5 2520′(1690′)	1210′(380′)	Rwy 830′

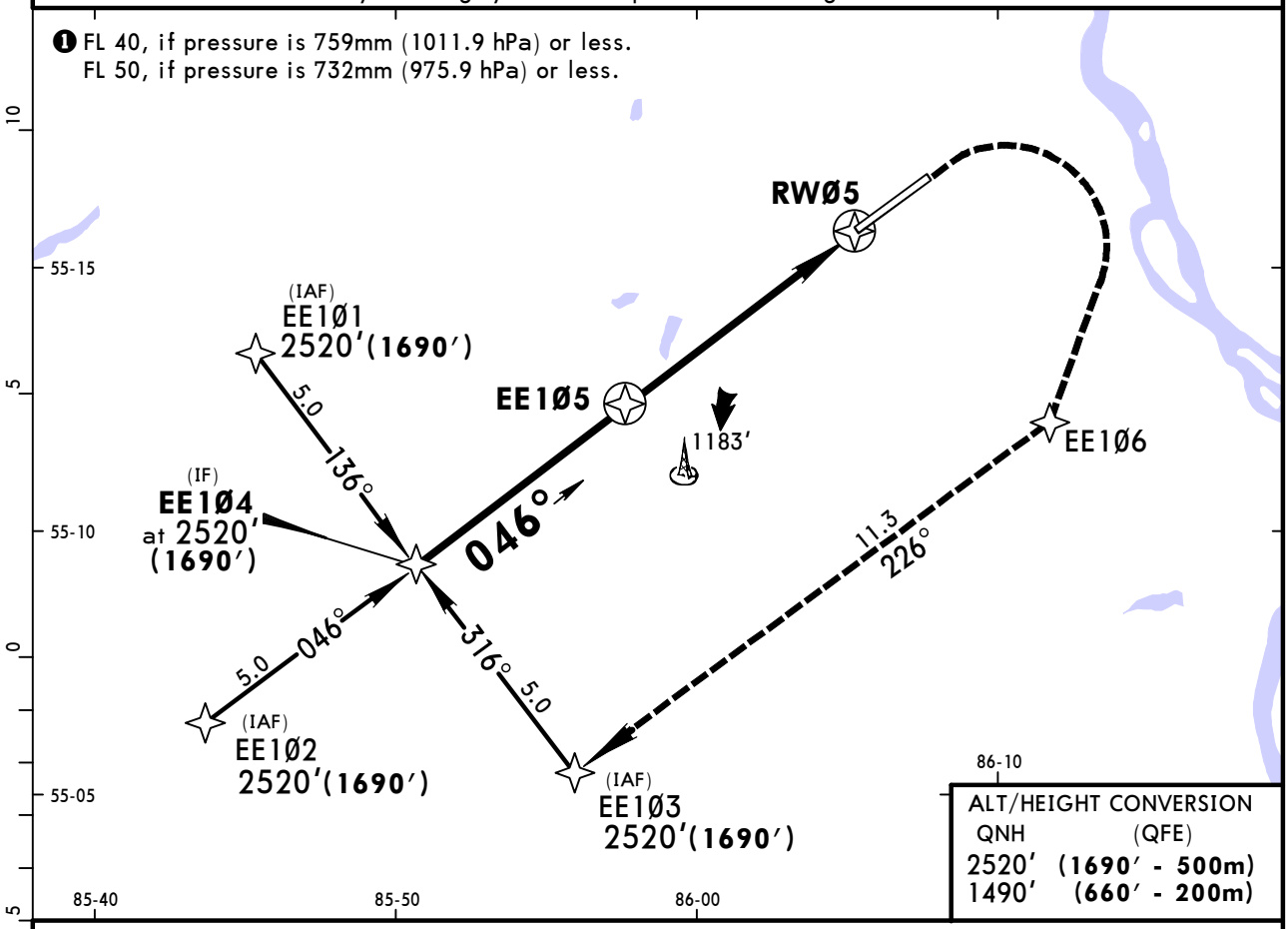
MISSED APCH: Climb STRAIGHT AHEAD to 1490′ (660′), then turn RIGHT to EE1Ø6 climbing to 2520′ (1690′), then proceed to EE1Ø3, then according to chart, or as directed.



MSA ARP

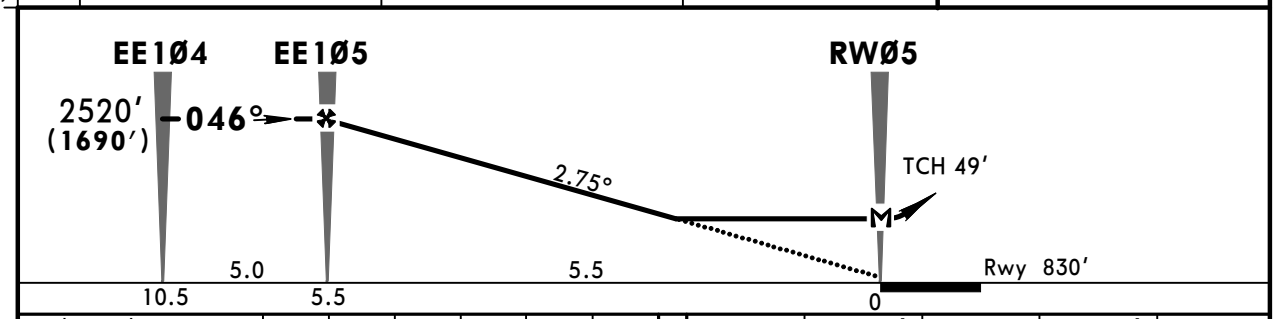
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 30 ❶ Trans alt: 2520′(1690′)
WARNING: Ground Proximity Warning System is subject to functioning.

❶ FL 40, if pressure is 759mm (1011.9 hPa) or less.
FL 50, if pressure is 732mm (975.9 hPa) or less.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	(1690′ - 500m)
1490′	(660′ - 200m)



Gnd speed-Kts		70	90	100	120	140	160
Descent Angle	2.75°	340	438	486	584	681	778
MAP at RWØ5							

ALS PAPI | 1490′ (660 | EE1Ø6 RT | 2520′ (1690′) | EE1Ø3

STRAIGHT-IN LANDING RWY **05**

MDA(H) 1210′(380′)

ALS out

PANS OPS

A	RVR 1500m
B	VIS 1600m
C	
D	RVR 1800m VIS 2000m

CHANGES: ATIS.

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UNEE/KEJ
ALEXEY LEONOV

JEPPESEN
5 FEB 16 (12-2)

KEMEROVO, RUSSIA
RNAV (GNSS) Rwy 23

BRIEFING STRIP ™

ATIS	KEMEROVO Approach	KEMEROVO Start (TWR)	Ground
128.7	125.5	118.3	118.3

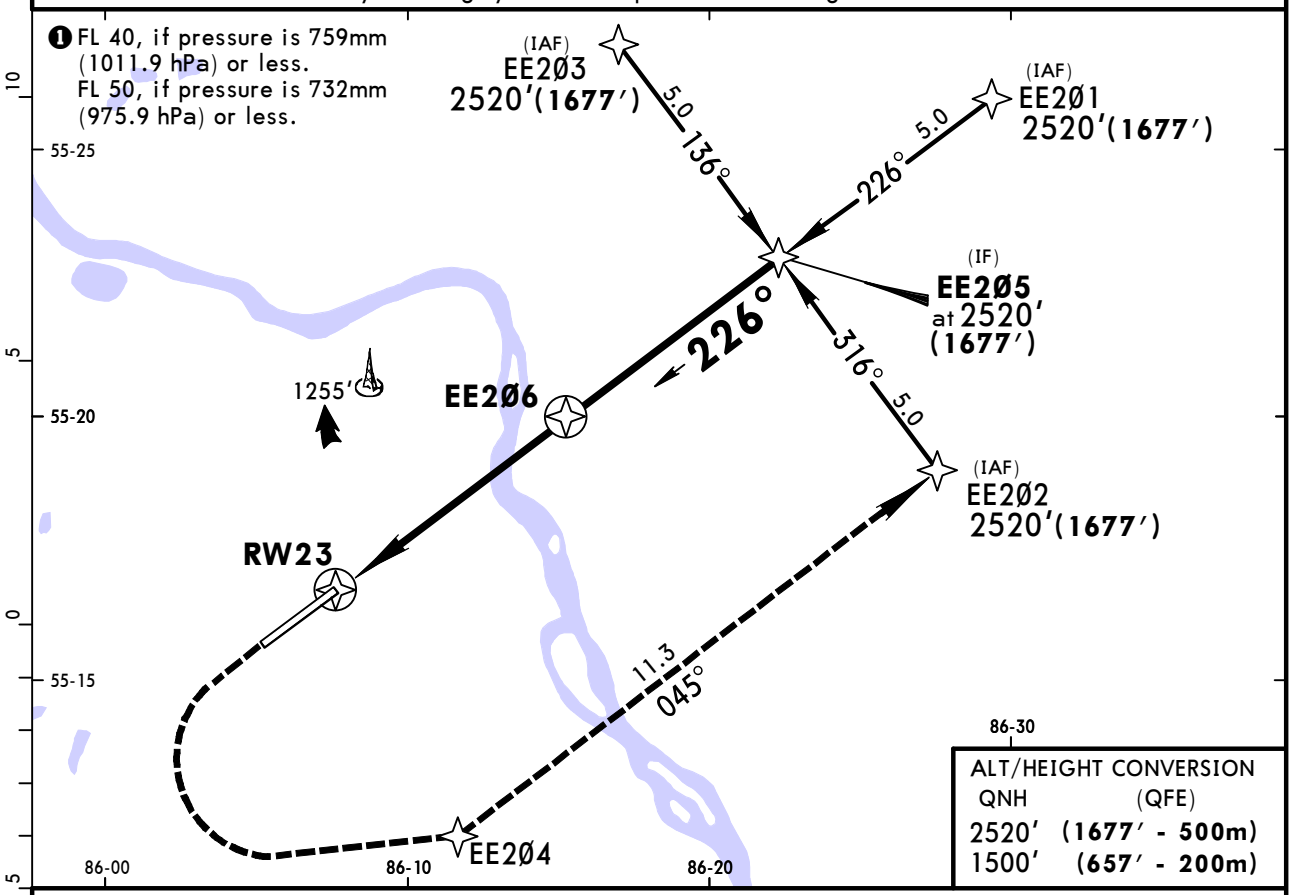
RNAV	Final Apch Crs	Minimums Alt	MDA(H)	Apt Elev 873′
	226°	**EE2Ø6** 2520′(**1677′**)	1210′(**367′**)	Rwy 843′

MISSED APCH: Climb STRAIGHT AHEAD to 1500′ (657′), then turn LEFT to EE2Ø4 climbing to 2520′ (1677′), then proceed to EE2Ø2, then according to chart, or as directed.

MSA ARP: 2700′ (230°, 280°), 3100′

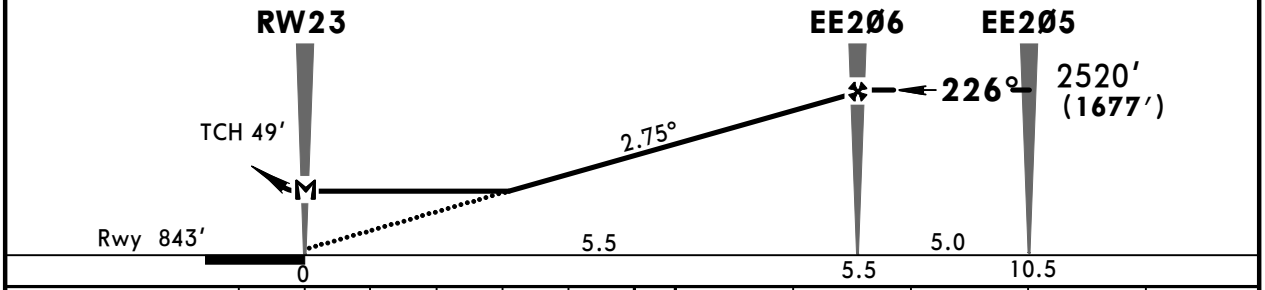
Alt Set: MM (hPa on req) QNH on req (**QFE**) Trans level: FL 30 ❶ Trans alt: 2520′(**1677′**)
WARNING: Ground Proximity Warning System is subject to functioning.

❶ FL 40, if pressure is 759mm (1011.9 hPa) or less.
FL 50, if pressure is 732mm (975.9 hPa) or less.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	(**1677′ - 500m**)
1500′	(**657′ - 200m**)



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 2.75°	340	438	486	584	681	778
MAP at RW23						

HIALS PAPI | 1500′ (**657′**) | **EE2Ø4** LT | 2520′ (**1677′**) | **EE2Ø2**

STRAIGHT-IN LANDING RWY **23**

MDA(H) 1210′(**367′**)

PANS OPS

		ALS out
A	RVR 720m VIS 800m	RVR 1500m VIS 1600m
B		
C		
D	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m

CHANGES: ATIS.

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UNEE/KEJ
ALEXEY LEONOV

JEPPESEN

31 AUG 18 (12-40) Eff 13 Sep

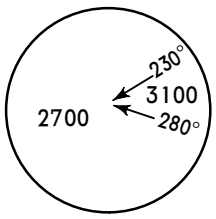
KEMEROVO, RUSSIA
RNAV (GLS) Rwy 05

BRIEFING STRIP™

ATIS	KEMEROVO Approach	KEMEROVO Start (TWR)	Ground
128.7	125.5	118.3	118.3

GBAS	Final Apch Crs	Minimum Alt	GLS DA(H)	Apt Elev 873′
Ch 20625 G05A	**046°**	**EE1Ø5** 2520′(**1690′**)	Refer to Minimums	Rwy 830′

MISSED APCH: Climb STRAIGHT AHEAD to 1490′ (660′), then turn RIGHT to EE1Ø6 climbing to 2520′ (1690′), then proceed to EE1Ø3, then according to chart, or as directed.

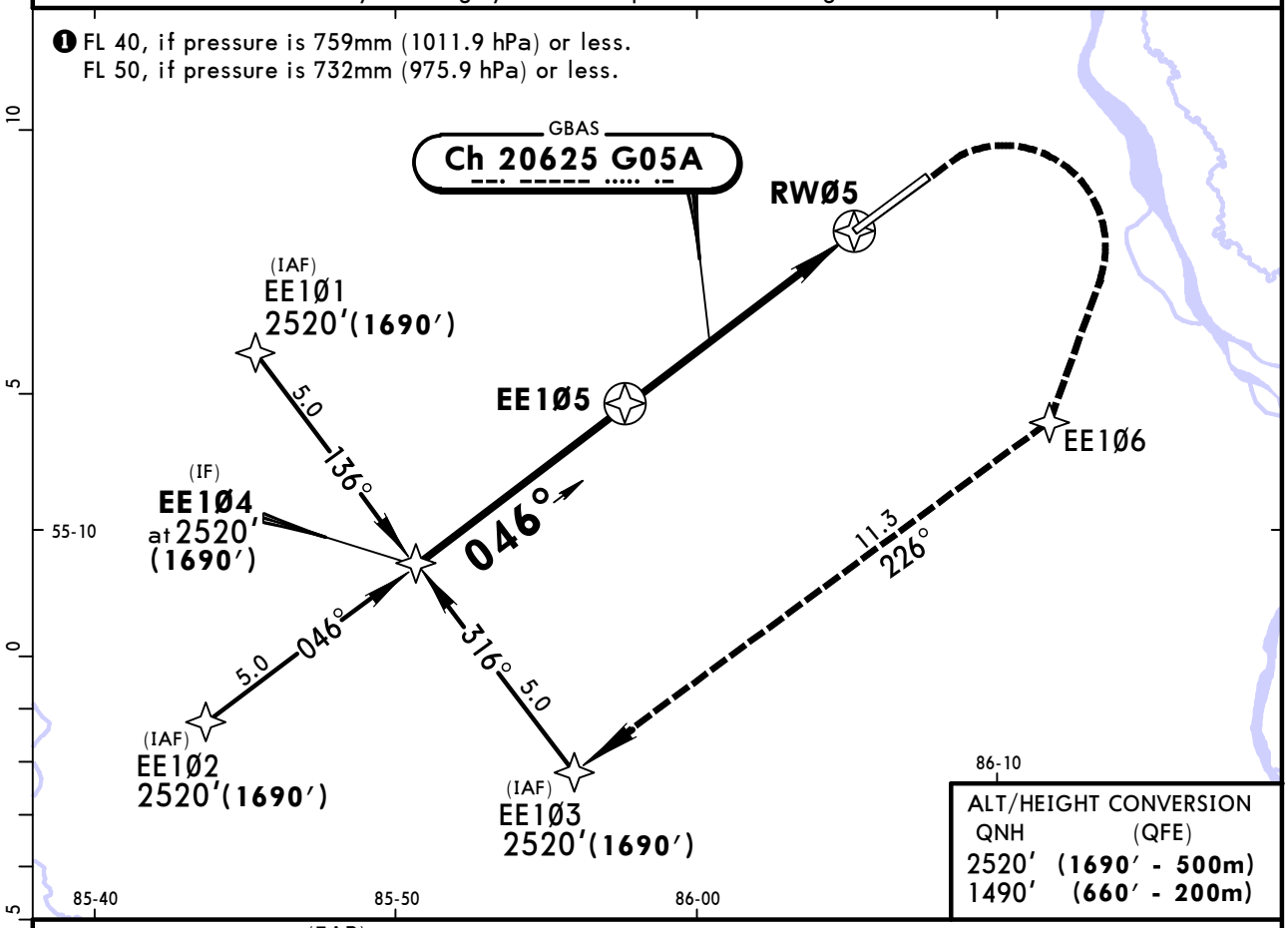


MSA ARP

Alt Set: MM (hPa on req) QNH on req **(QFE)** Trans level: FL 30 ❶ Trans alt: 2520′(**1690′**)

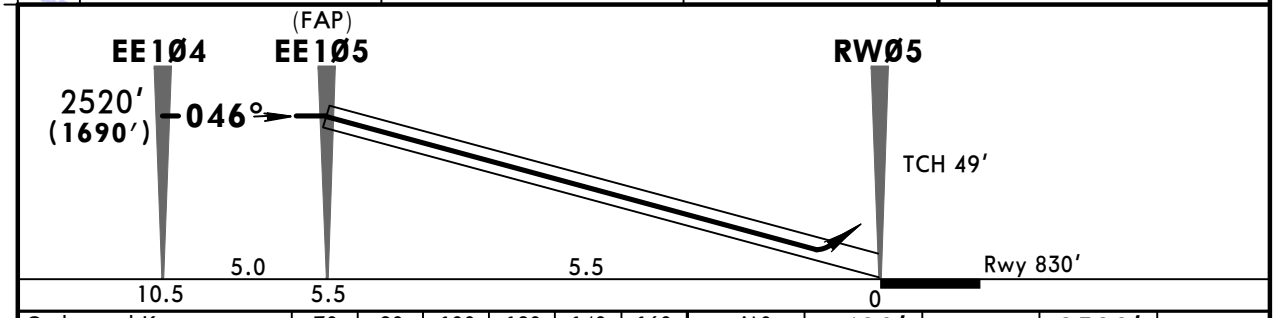
WARNING: Ground Proximity Warning System is subject to functioning.

❶ FL 40, if pressure is 759mm (1011.9 hPa) or less.
FL 50, if pressure is 732mm (975.9 hPa) or less.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	(**1690′ - 500m**)
1490′	(**660′ - 200m**)



Gnd speed-Kts		70	90	100	120	140	160
Glide Path Angle	2.75°	340	438	486	584	681	778
MAP at DA							

ALS PAPI

1490′ (660 | EE1Ø6 RT | 2520′ (1690′) | EE1Ø3

STRAIGHT-IN LANDING RWY **05**

DA(H) A: 1056′(**226′**) C: 1076′(**246′**)
B: 1066′(**236′**) D: 1086′(**256′**)

PANS OPS

	FULL	ALS out
A	1200m	
B		
C		
D	1300m	

CHANGES: GBAS Ident.

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UNEE/KEJ
ALEXEY LEONOV

JEPPESEN
31 AUG 18 (12-41) Eff 13 Sep

KEMEROVO, RUSSIA
RNAV (GLS) Rwy 23

BRIEFING STRIP™

ATIS	KEMEROVO Approach	KEMEROVO Start (TWR)	Ground
128.7	125.5	118.3	118.3

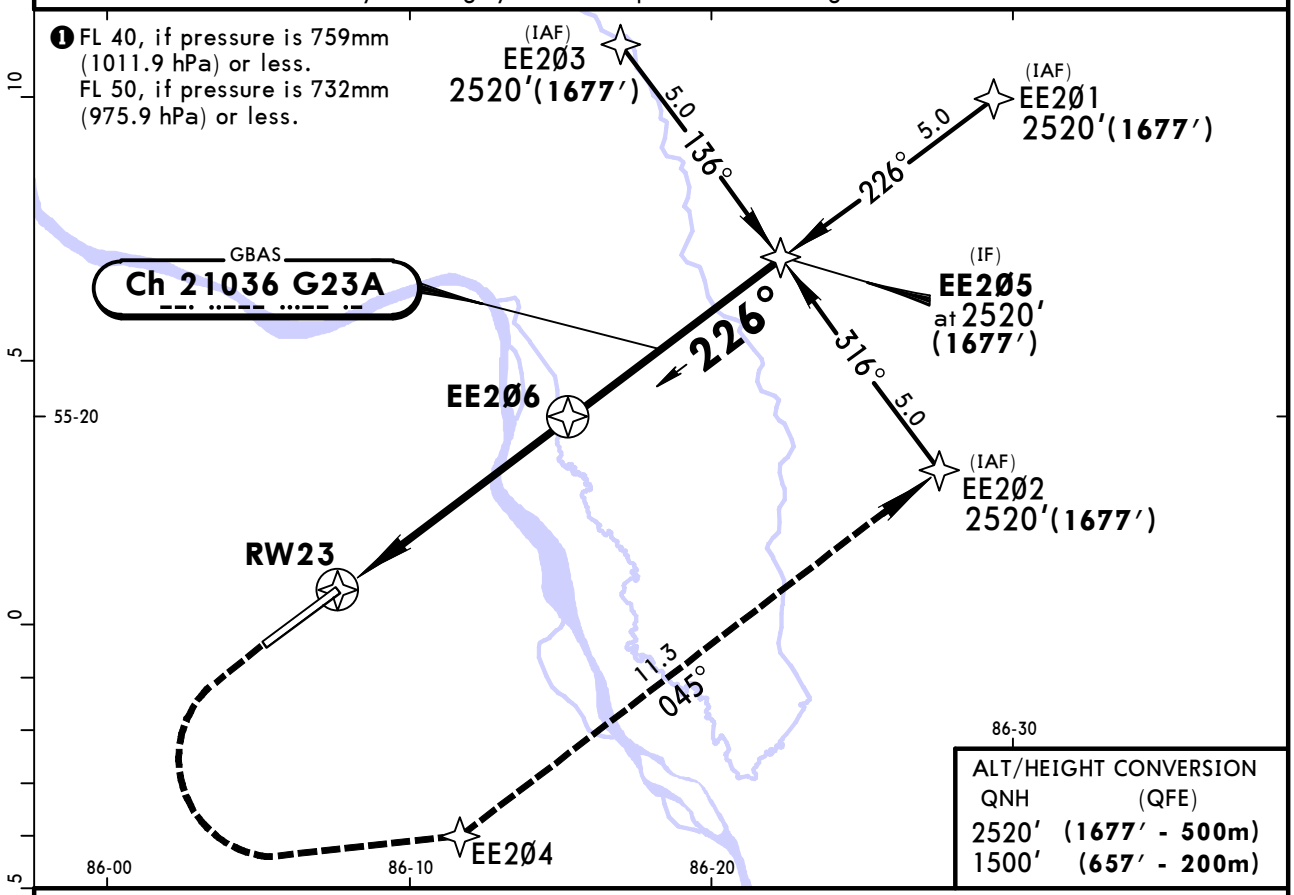
GBAS	Final Apch Crs	Minimums Alt	GLS DA(H)	Apt Elev 873′
Ch 21036 G23A	**226°**	EE2Ø6 2520′(**1677′**)	Refer to Minimums	Rwy 843′

MISSED APCH: Climb STRAIGHT AHEAD to 1500′ (657′), then turn LEFT to EE2Ø4 climbing to 2520′ (1677′), then proceed to EE2Ø2, then according to chart, or as directed.

MSA ARP: 2700 (230°–280°), 3100

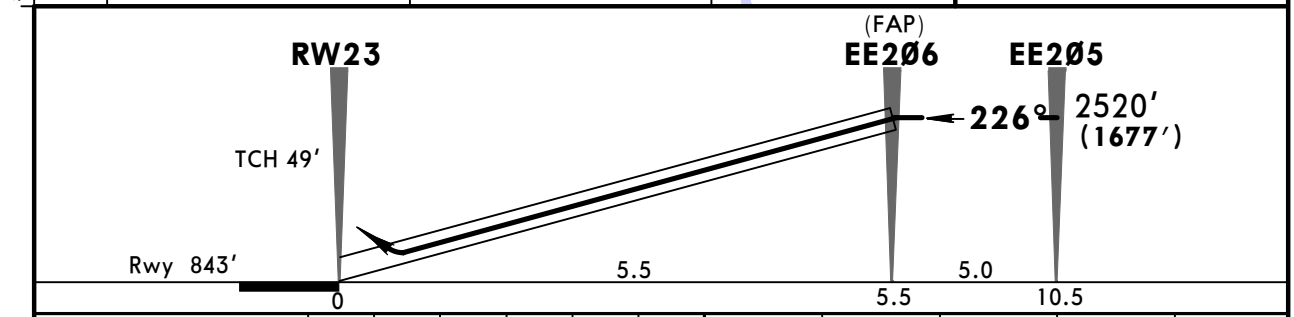
Alt Set: MM (hPa on req) QNH on req (**QFE**) Trans level: FL 30 ❶ Trans alt: 2520′(**1677′**)
WARNING: Ground Proximity Warning System is subject to functioning.

❶ FL 40, if pressure is 759mm (1011.9 hPa) or less.
FL 50, if pressure is 732mm (975.9 hPa) or less.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	(**1677′ - 500m**)
1500′	(**657′ - 200m**)



Gnd speed-Kts	70	90	100	120	140	160
Glide Path Angle 2.75°	340	438	486	584	681	778
MAP at DA						

HIALS
PAPI

1500′ (657′)	EE2Ø4 LT	2520′ (1677′)	EE2Ø2

STRAIGHT-IN LANDING RWY **23**

DA(H) A: 1063′(**220′**) C: 1083′(**240′**)
B: 1073′(**230′**) D: 1093′(**250′**)

PANS OPS

	FULL	ALS out
A		
B	RVR 720m	
C	VIS 800m	1200m
D		

CHANGES: GBAS Ident.

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UNEE/KEJ
ALEXEY LEONOV

JEPPESEN

5 FEB 16 (16-1)

KEMEROVO, RUSSIA
NDB Rwy 05

BRIEFING STRIP ™

ATIS	KEMEROVO Approach	KEMEROVO Start (TWR)	Ground
128.7	125.5	118.3	118.3

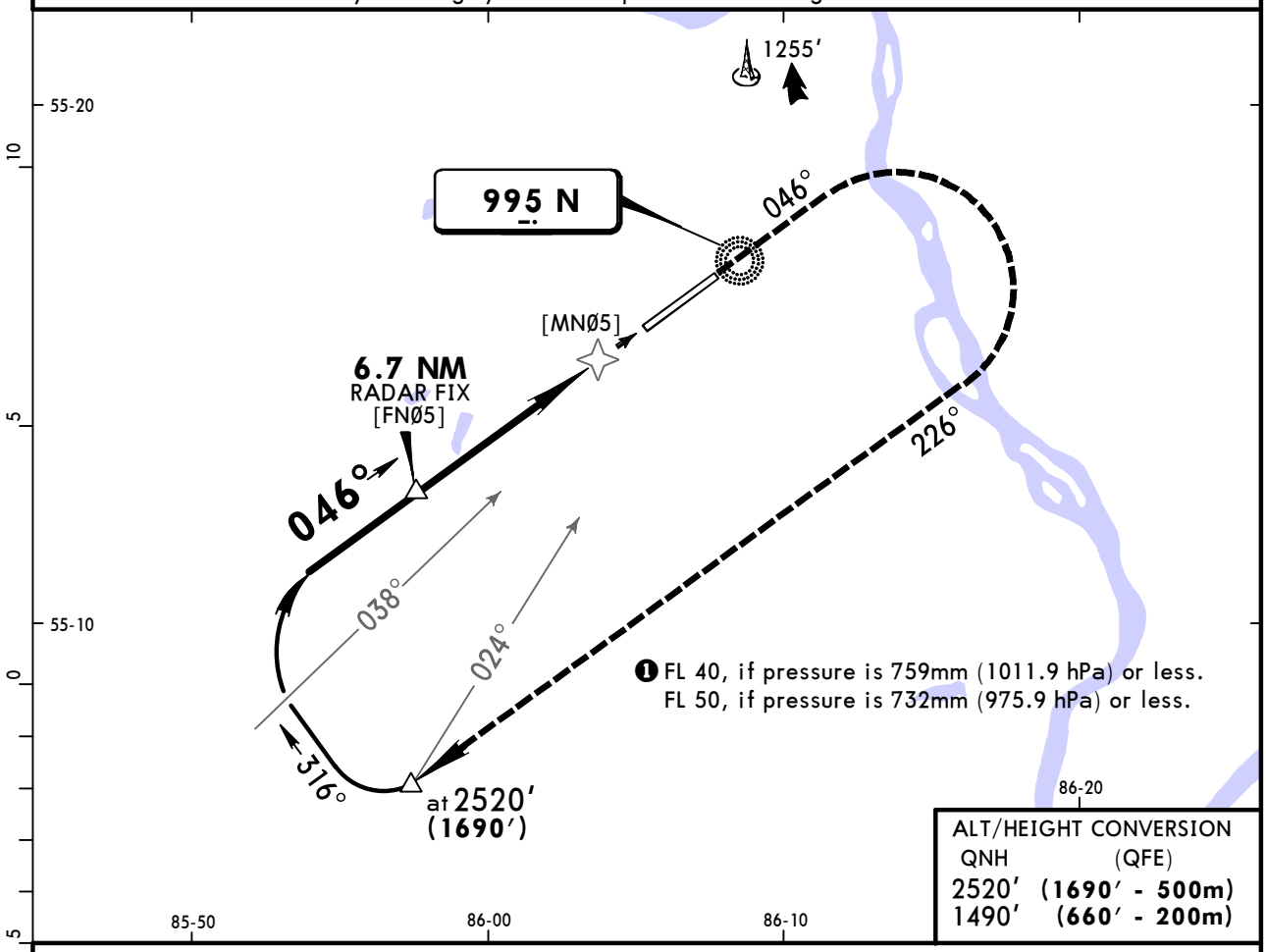
Lctr	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev 873′
N **995**	**046°**	**6.7 NM RADAR FIX** 2520′(**1690′**)	Refer to Minimums	Rwy 830′

MISSED APCH: Climb on 046° to 1490′ (660′), then turn RIGHT onto 226° climbing to 2520′ (1690′), then according to chart.

MSA ARP: 2700′ (230°–280°), 3100′

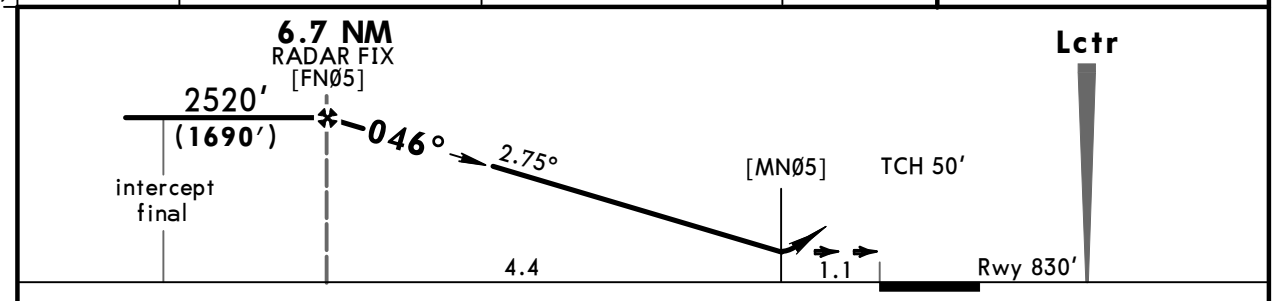
Alt Set: MM (hPa on req) QNH on req **(QFE)** Trans level: FL 30 ❶ Trans alt: 2520′ **(1690′)**

WARNING: Ground Proximity Warning System is subject to functioning.



ALT/HEIGHT CONVERSION

QNH	(QFE)
2520′	**(1690′ - 500m)**
1490′	**(660′ - 200m)**



Gnd speed-Kts		70	90	100	120	140	160
Descent Angle	2.75°	340	438	486	584	681	778

ALS / PAPI

1490′ (660′) on 046°

226° RT

2520′ (1690′)

STRAIGHT-IN LANDING RWY **05**

with FAF		w/o FAF	
MDA(H) 1190′(**360′**)		MDA(H) 1680′(**850′**)	
	ALS out		ALS out

PANS OPS

A	2000m	3200m	
B			
C		4000m	
D		4400m	

CHANGES: ATIS.

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UNEE/KEJ
ALEXEY LEONOV

JEPPESEN

5 FEB 16 (16-2)

KEMEROVO, RUSSIA
2 NDB or NDB Rwy 23

BRIEFING STRIP ™

ATIS	KEMEROVO Approach	KEMEROVO Start (TWR)	Ground
128.7	125.5	118.3	118.3

NDB NC	Final Apch Crs	Minimum Alt 6.0 NM RADAR FIX	MDA(H) Refer to Minimums	Apt Elev 873′ Rwy 843′
489	226°	2520′(1677′)		

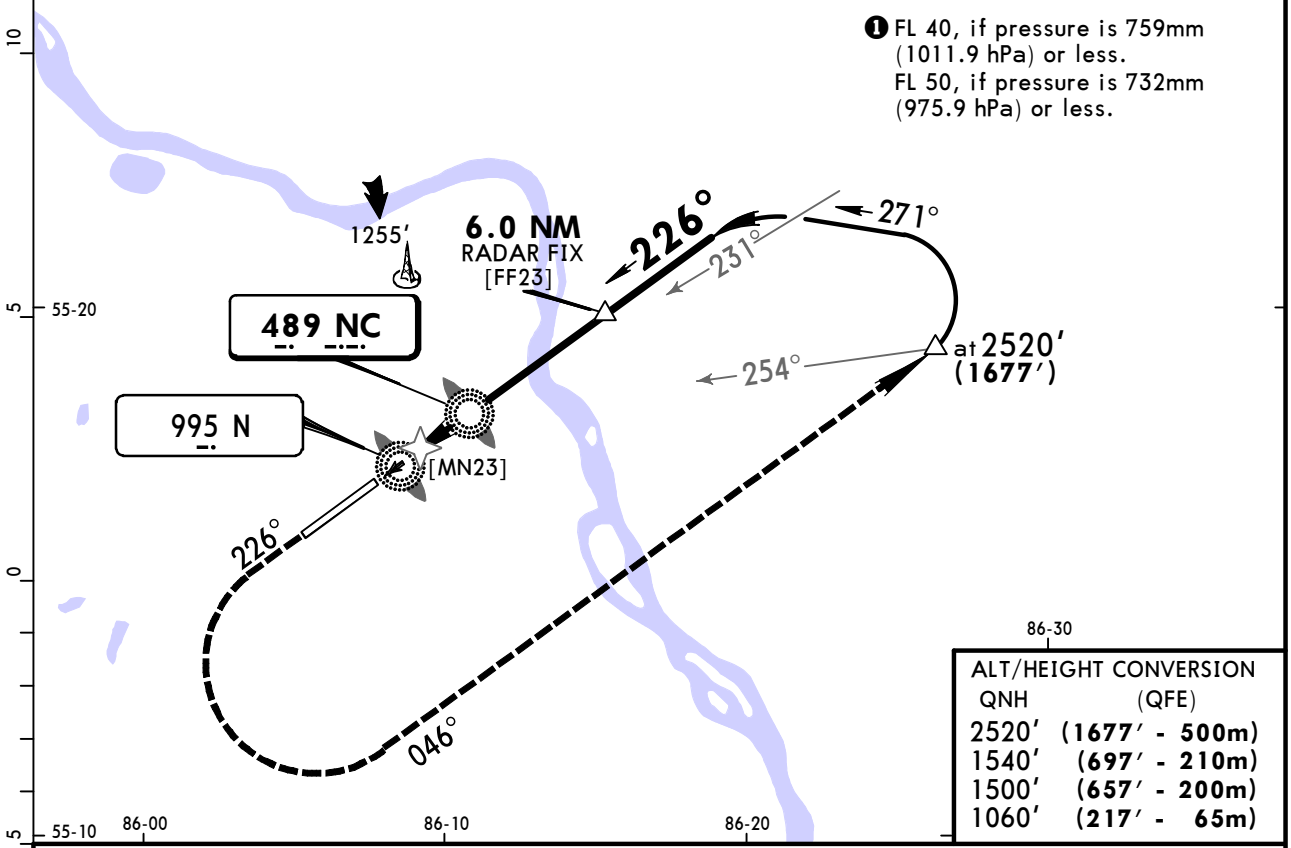
MISSED APCH: Climb on 226° to 1500′ (657′), then turn LEFT onto 046° climbing to 2520′ (1677′), then according to chart.

2700′ 230° 3100′ 280° MSA ARP

Alt Set: MM (hPa on req) QNH on req **(QFE)** Trans level: FL 30 ❶ Trans alt: 2520′ **(1677′)**

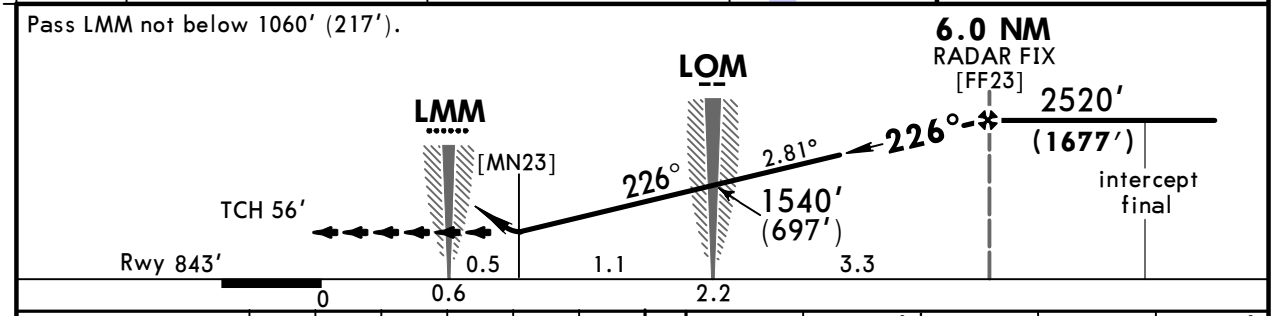
WARNING: Ground Proximity Warning System is subject to functioning.

❶ FL 40, if pressure is 759mm (1011.9 hPa) or less.
FL 50, if pressure is 732mm (975.9 hPa) or less.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2520′	(1677′ - 500m)
1540′	(697′ - 210m)
1500′	(657′ - 200m)
1060′	(217′ - 65m)

Pass LMM not below 1060′ (217′).



Gnd speed-Kts		70	90	100	120	140	160
Descent Angle	2.81°	348	447	497	596	696	795

HIALS PAPI 1500′ (657′) on 226° 046° LT 2520′ (1677′)

STRAIGHT-IN LANDING RWY 23

	2 NDB MDA(H) 1210′(367′)		NC NDB or N Lctr with FAF MDA(H) 1210′(367′)		NC NDB or N Lctr w/o FAF MDA(H) 1450′(607′)	
		ALS out		ALS out		ALS out
A	1200m	1900m	1200m	1900m	3200m	
B						
C						
D	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m		

PANS OPS

CHANGES: ATIS.

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JEPPESEN
JeppView for Windows

Chart changes since cycle 08-2019

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE

KEMEROVO, (ALEXEY LEONOV - UNEE)

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TERMINAL CHART CHANGE NOTICES

Chart Change Notices for Airport UNEE

Type: Terminal
Effectivity: Permanent
Begin Date: Immediately
End Date: No end date

(10-4) Apt renamed Alexey Leonov.