Page 1
Changed chart(s) since Disc 09-2011
ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE

No revision activity since Disc 09-2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UNNT

General Info

Novosibirsk, RUS
N 55° 02.0' E 82° 35.9' Mag Var: 9.6°E
Elevation: 368'

Public, IFR, Control Tower, Customs
Fuel: Jet A-1
Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+6:00 uses DST

Runway Info

Runway 07-25 11811' x 197' asphalt
Runway 16-34 11821' x 148' concrete

Runway 07 (72.0°M) TDZE 365'
  Lights: Edge, ALS
Runway 16 (161.0°M) TDZE 362'
  Lights: Edge, ALS, Centerline, TDZ
Runway 25 (252.0°M) TDZE 363'
  Lights: Edge, ALS
Runway 34 (341.0°M) TDZE 368'
  Lights: Edge, ALS, Centerline

Communications Info

ATIS **131.3**
ATIS **127.4** Non-English
Novosibirsk Start Tower **118.5**
Novosibirsk Taxiing Ground Control **121.7**
Novosibirsk Approach Control **128.5** TCA
Novosibirsk Approach Control **127.5**
Novosibirsk Approach Control **127.1**
Novosibirsk Krug Radar **122.0**

Notebook Info

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UNNT/OVB TOLMACHEVO

JEPPESEN

NOVOSIBIRSK, RUSSIA

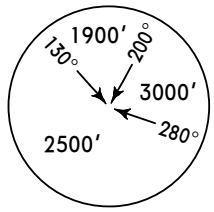
25 JUN 10 (10-2) Eff 1 Jul

STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4275′)*

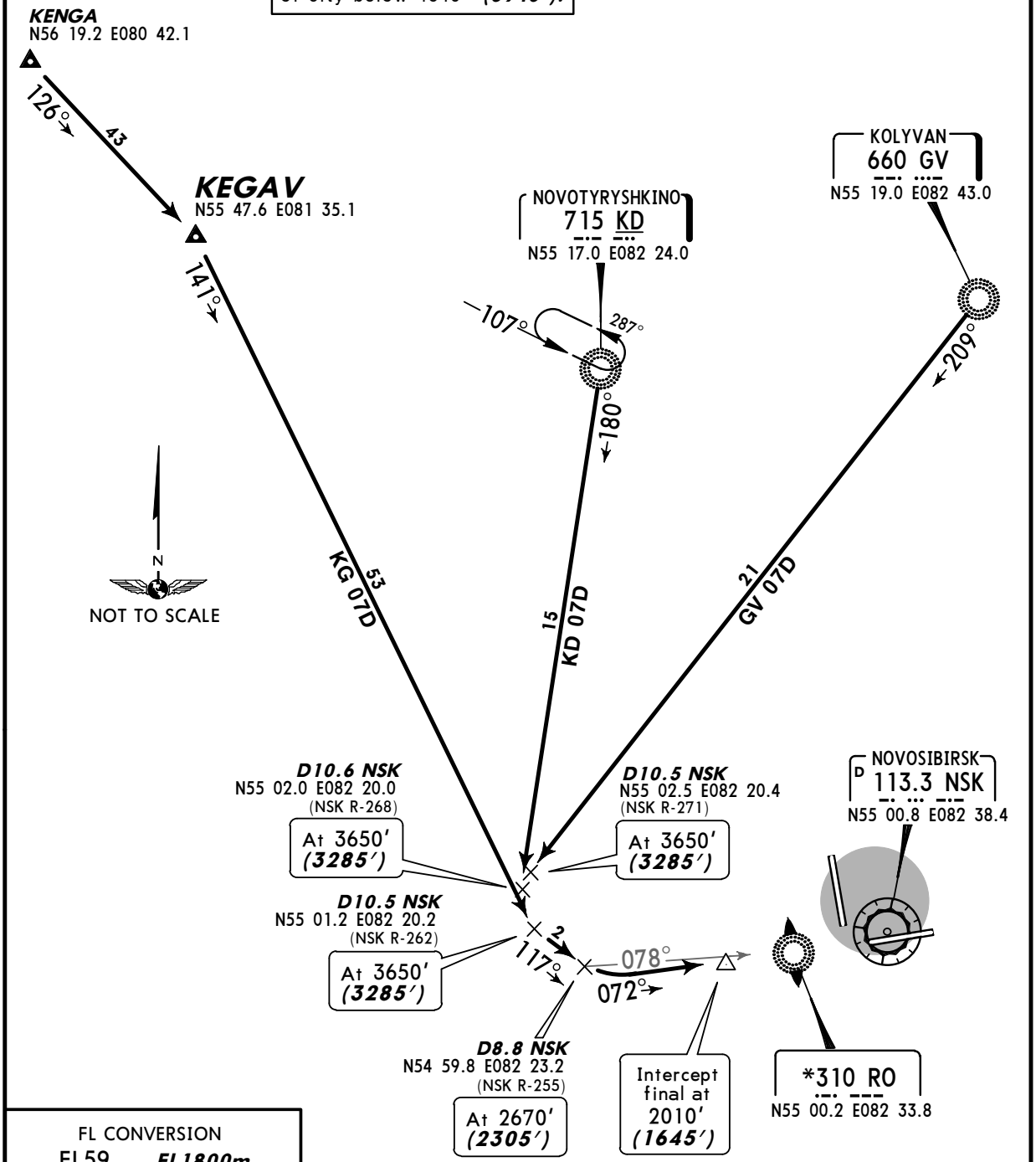
GV 07D, KD 07D, KG 07D
RWY 07 ARRIVALS

FROM NORTH
FOR ARRIVALS CAT B
REFER TO CHART 10-2S



MSA
NSK VOR

Do not overfly central part of city below 4310′ *(3945′)*.



FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4640′	*(4275′ - 1300m)*
4310′	*(3945′ - 1200m)*
3650′	*(3285′ - 1000m)*
2670′	*(2305′ - 700m)*
2010′	*(1645′ - 500m)*

CHANGES: STARs completely revised.

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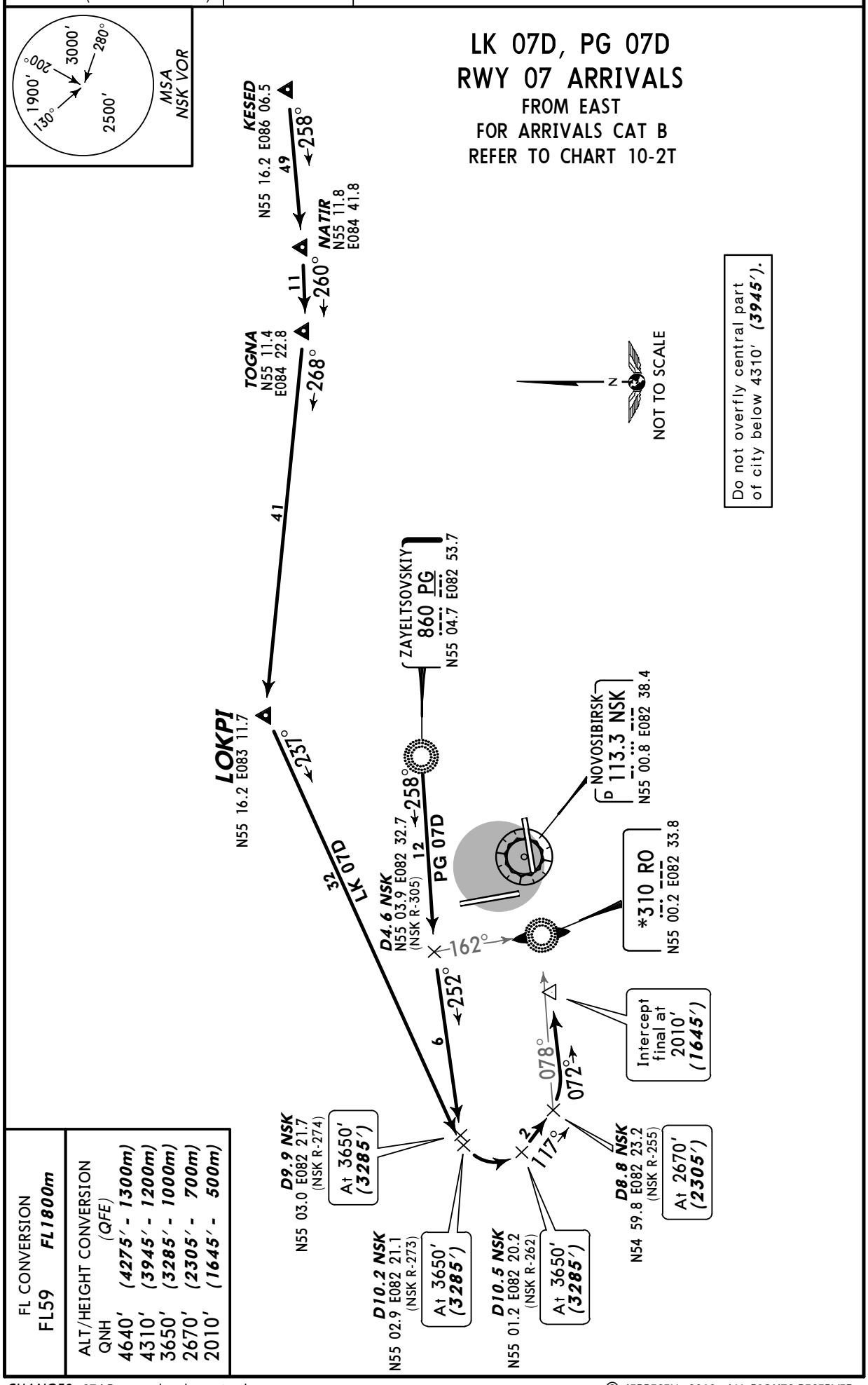
UNNT/OVB TOLMACHEVO

JEPPESEN 25 JUN 10 (10-2A) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4275′)*



FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4640′	*(4275′ - 1300m)*
4310′	*(3945′ - 1200m)*
3650′	*(3285′ - 1000m)*
2670′	*(2305′ - 700m)*
2010′	*(1645′ - 500m)*

CHANGES: STARs completely revised.

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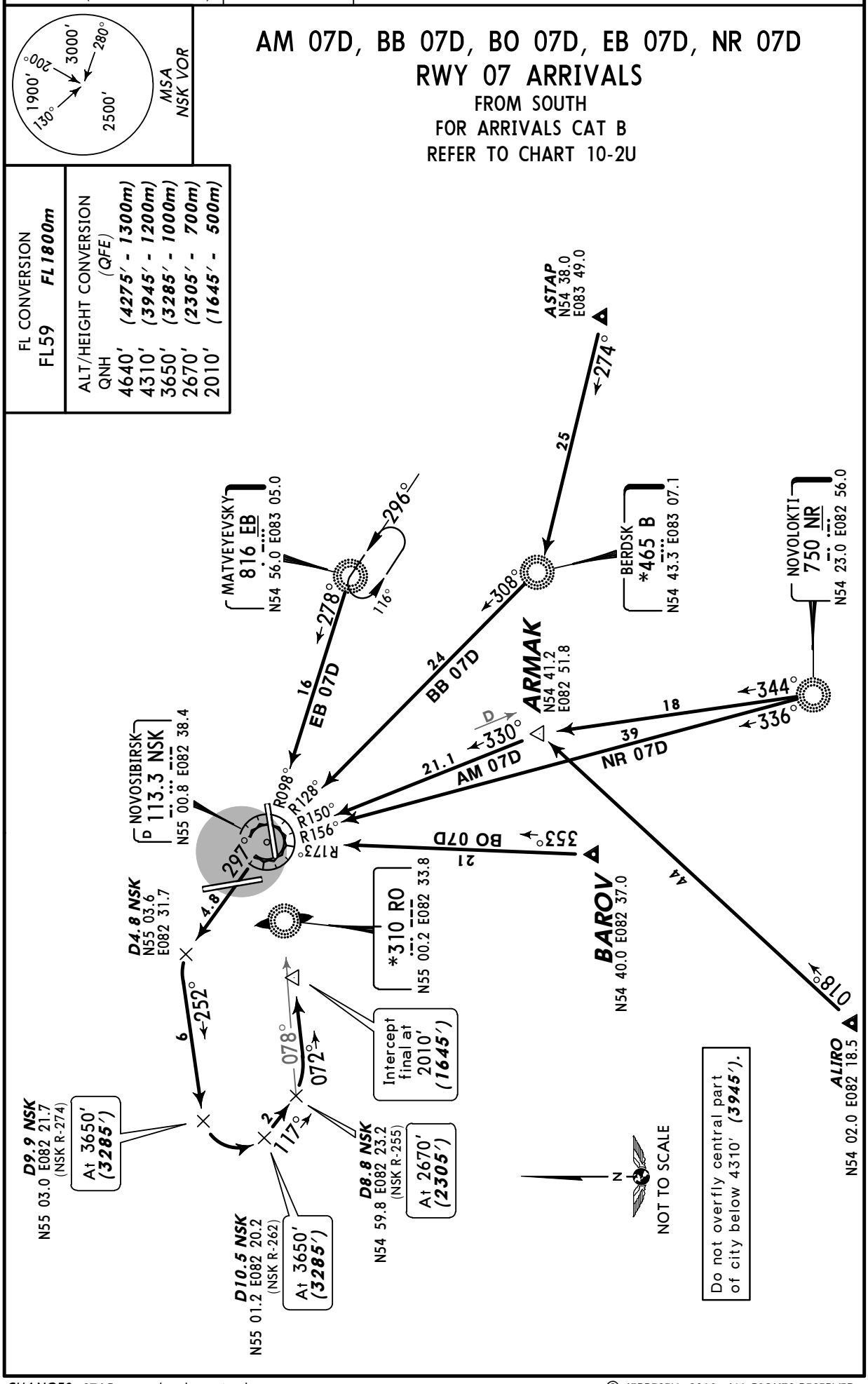
UNNT/OVB TOLMACHEVO

JEPPESEN 25 JUN 10 (10-2B) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4275′)*



CHANGES: STARs completely revised.

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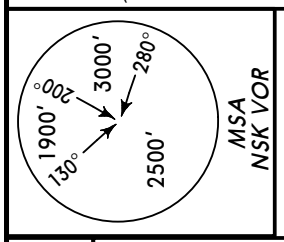
UNNT/OVB TOLMACHEVO

JEPPESEN 25 JUN 10 (10-2C) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4275′)*



GL 07D, IB 07D, OG 07D, SM 07D
RWY 07 ARRIVALS

FROM WEST
FOR ARRIVALS CAT B
REFER TO CHART 10-2V

FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4640′	*(4275′ - 1300m)*
4310′	*(3945′ - 1200m)*
3650′	*(3285′ - 1000m)*
2670′	*(2305′ - 700m)*
2010′	*(1645′ - 500m)*

NOVOSIBIRSK
113.3 NSK
N55 00.8 E082 38.4

*310 RO
N55 00.2 E082 33.8

D8.8 NSK
N54 59.8 E082 23.2
(NSK R-255)

At 2670′ *(2305′)*

Intercept final at 2010′ *(1645′)*

078°

D8.2 NSK
N54 59.5
E082 24.6
(NSK R-252)

D10.2 NSK
N55 00.9 E082 20.7
(NSK R-262)

At 3650′ *(3285′)*

117°

072°

ALIRO
N54 02.0 E082 18.5

IB 07D

018°

338°

002°

IBOLA
N54 42.0 E082 02.0
(NSK R-220/D28.2)

ORPAS
N54 01.9 E081 48.7

KONEM
N54 58.6 E082 16.8
(NSK R-251/D12.6)

At 3650′ *(3285′)*

SM 07D 52

OG 07D 50

GL 07D 50

SOMOD
N55 37.0 E081 15.0

124°

SEVERNOYE
1000 KZ
N56 20.1 E078 21.6

106

102°

OGAMA
N55 28.1 E081 08.1

113°

112

GEBSA
N55 52.4 E077 55.3

090°

GOLIM
N55 07.0 E080 58.0

088°

N

NOT TO SCALE

Do not overfly central part of city below 4310′ *(3945′)*.

CHANGES: STARs completely revised.

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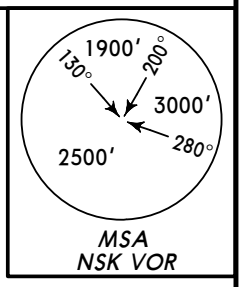
UNNT/OVB
TOLMACHEVO

JEPPESEN
25 JUN 10 (10-2D) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
STAR

ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4278′)*

GV 16D, KD 16D, LG 16D, OR 16D
RWY 16 ARRIVALS
FROM NORTH



Do not overfly central part of city below 4300′ *(3938′)*.

BAKCHAR
605 BA
N57 01.0 E082 04.0

158°
59

ORTIK
N56 03.5 E082 26.4

LAMGA
N56 01.2 E082 15.7

159°
166°

N
NOT TO SCALE

NOVOTYRYSHKINO
715 KD
N55 17.0 E082 24.0

KOLYVAN
660 GV
N55 19.0 E082 43.0

LG 16D 51
OR 16D 53

107°
287°
129°
KD 16D 7

206°
GV 16D 9

D11.4 NSK
N55 11.7 E082 32.3
(NSK R-333)
(158° brg to SV)

D11.1 NSK
N55 11.9 E082 33.8
(NSK R-338)
(164° brg to SV)

At 2010′ *(1648′)*

At 2010′ *(1648′)*

161°

N55 10.8 E082 33.3

At 2010′ *(1648′)*

Intercept final at 2010′ *(1648′)*

*875 SV
N55 05.0 E082 35.0

NOVOSIBIRSK
D 113.3 NSK
N55 00.8 E082 38.4

FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4640′	*(4278′ - 1300m)*
4300′	*(3938′ - 1200m)*
2010′	*(1648′ - 500m)*

CHANGES: STARs completely revised.

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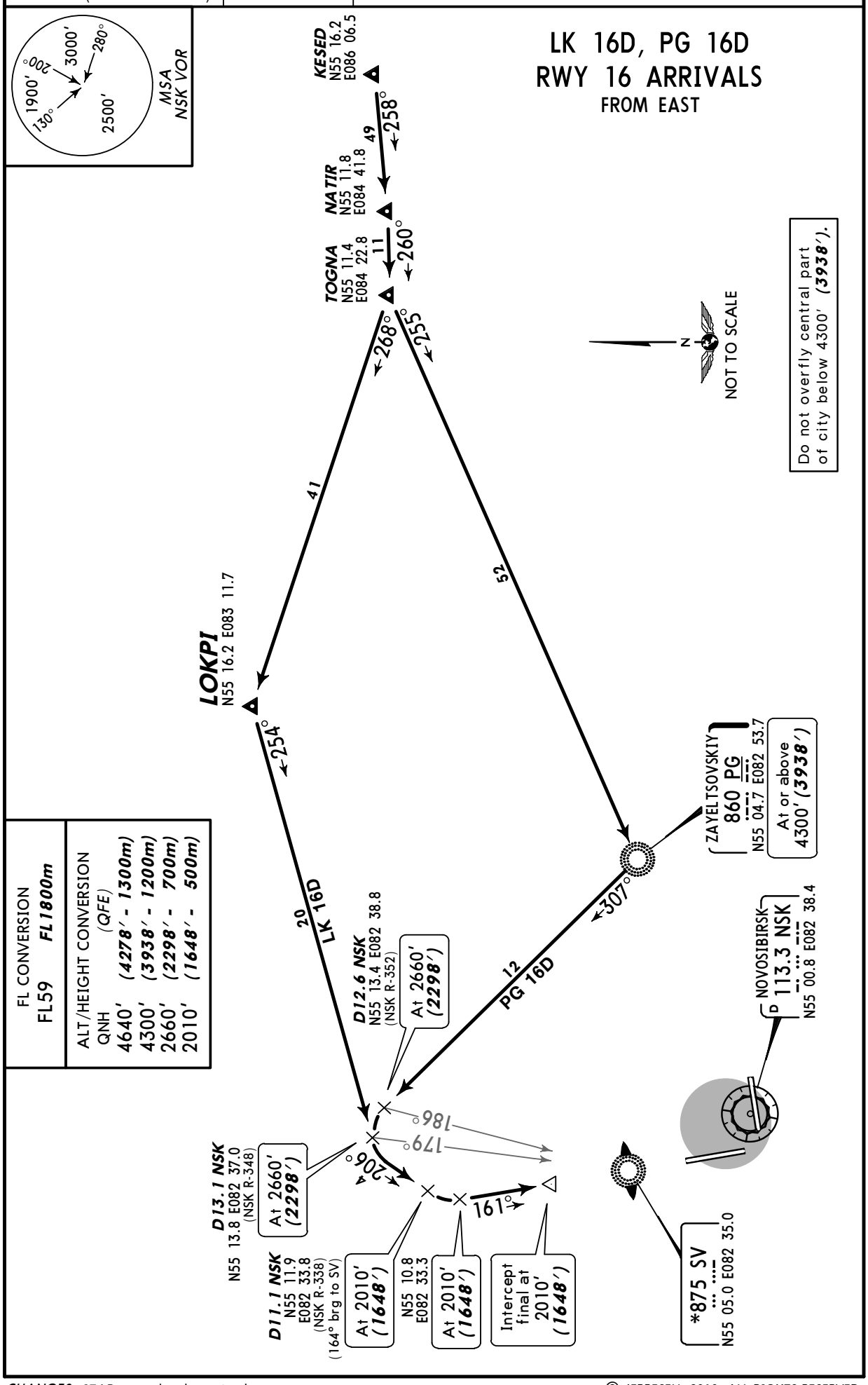
UNNT/OVB TOLMACHEVO

JEPPESEN 25 JUN 10 (10-2E) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4278′)*



FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4640′	*(4278′ - 1300m)*
4300′	*(3938′ - 1200m)*
2660′	*(2298′ - 700m)*
2010′	*(1648′ - 500m)*

CHANGES: STARs completely revised.

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UNNT/OVB TOLMACHEVO

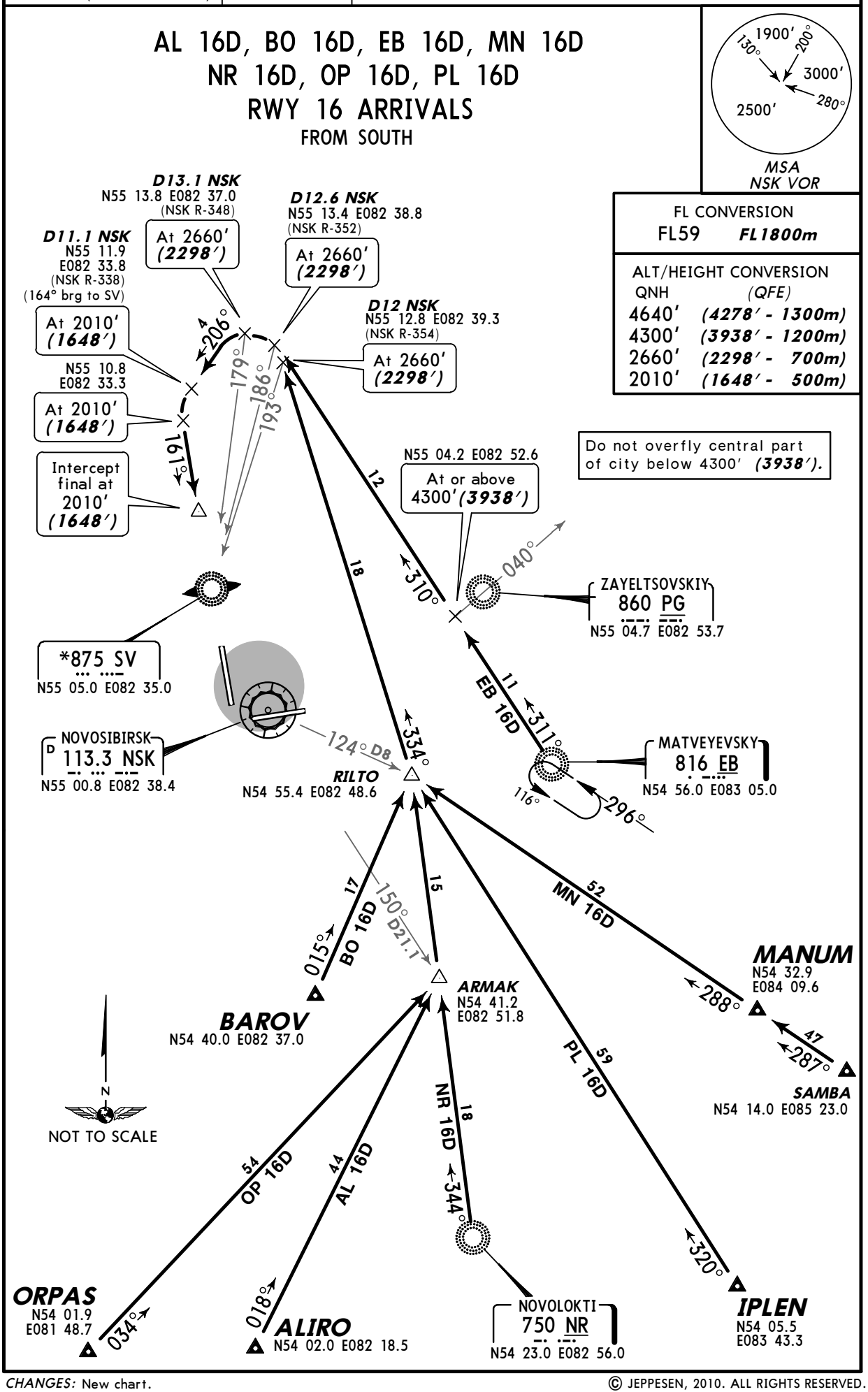
JEPPESEN
25 JUN 10 (10-2F) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4278′)*

AL 16D, BO 16D, EB 16D, MN 16D
NR 16D, OP 16D, PL 16D
RWY 16 ARRIVALS
FROM SOUTH



CHANGES: New chart.

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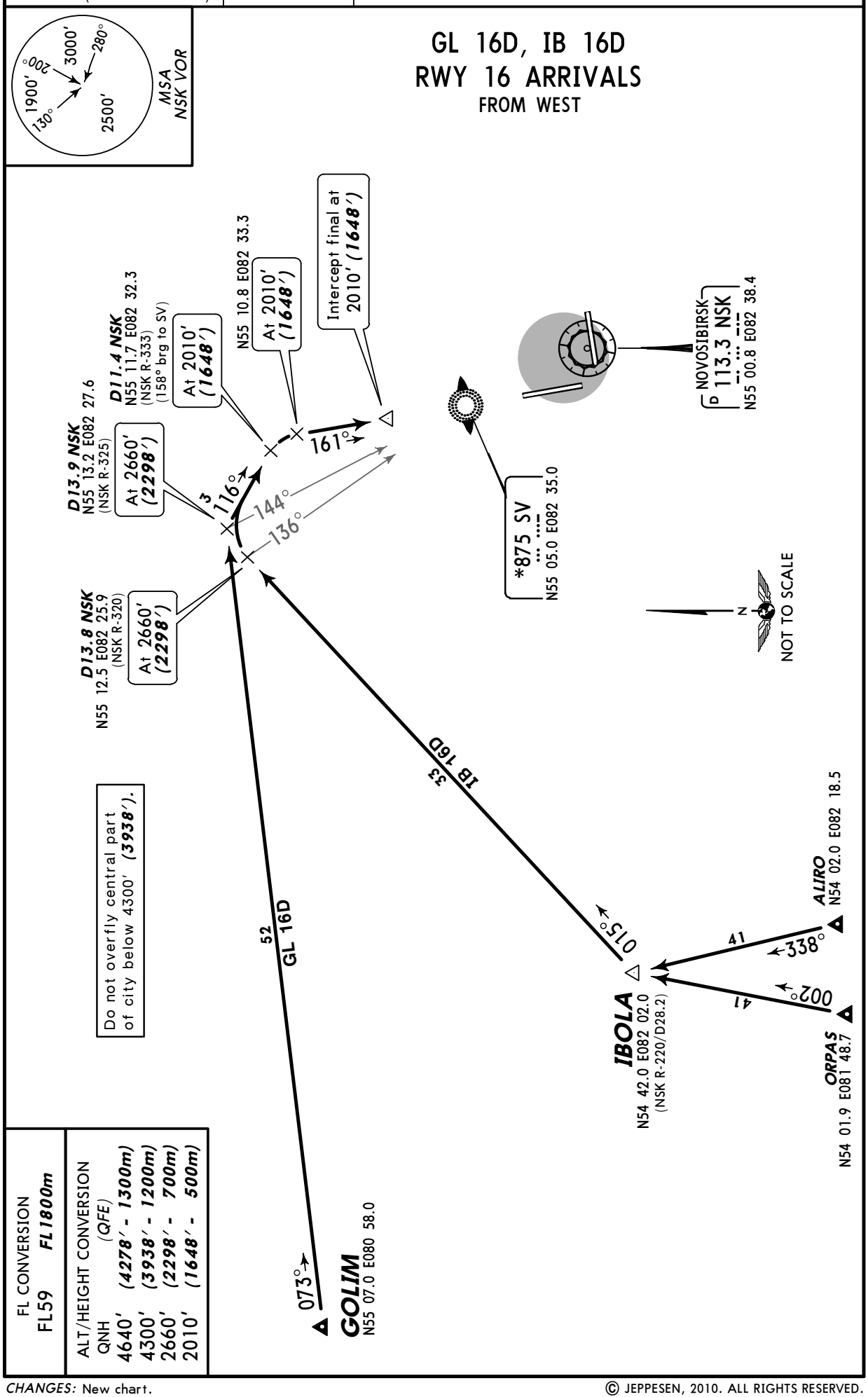
UNNT/OVB TOLMACHEVO

JEPPESEN
25 JUN 10 (10-2G) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4278′)*



FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4640′	*(4278′ - 1300m)*
4300′	*(3938′ - 1200m)*
2660′	*(2298′ - 700m)*
2010′	*(1648′ - 500m)*

CHANGES: New chart.

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JeppView 3.7.4.0

UNNT/OVB
TOLMACHEVO

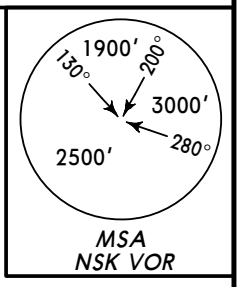
JEPPESEN
17 DEC 10 (10-2H)

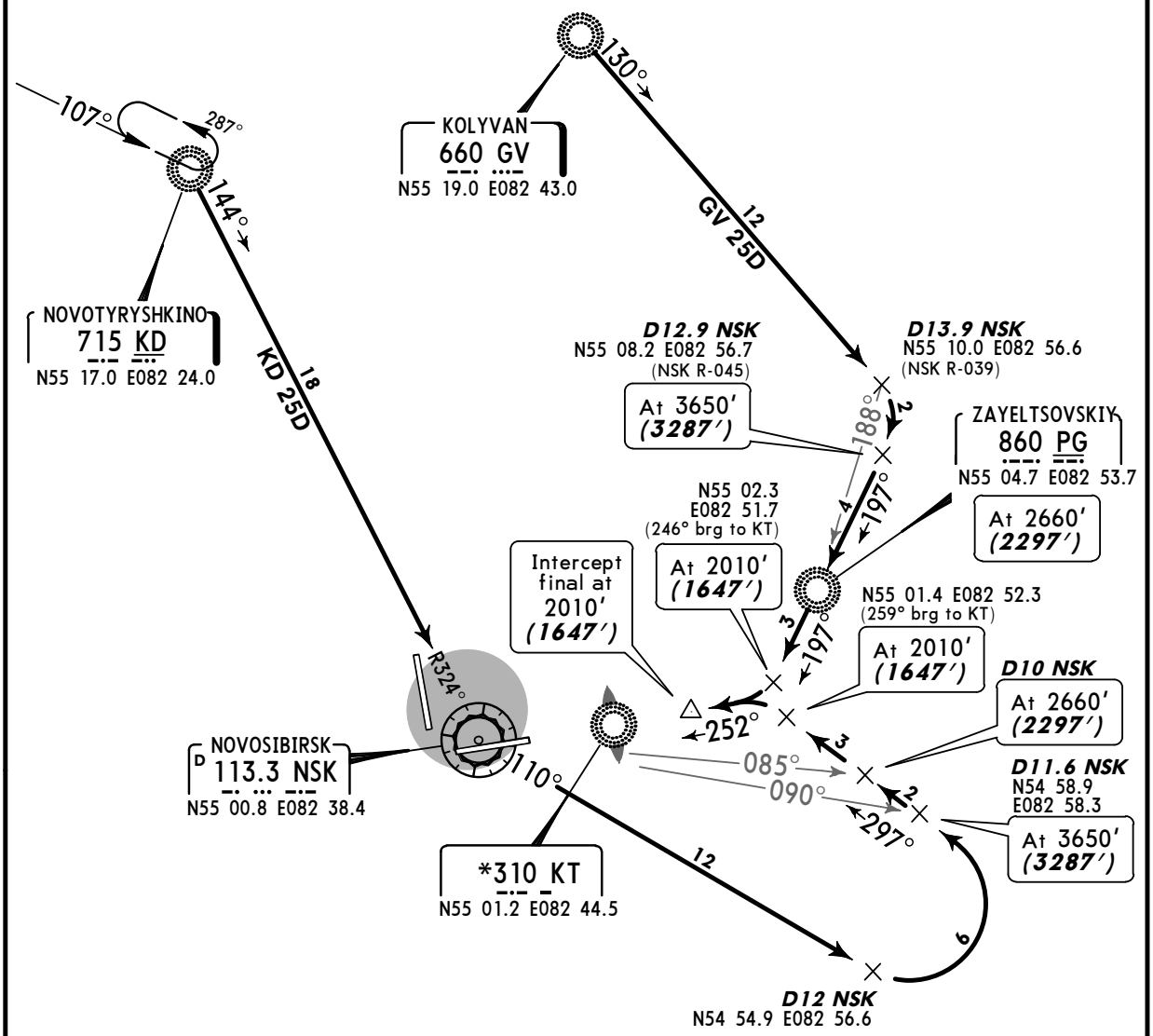
NOVOSIBIRSK, RUSSIA
STAR

ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4277′)*

GV 25D, KD 25D
RWY 25 ARRIVALS
FROM NORTH
FOR ARRIVALS CAT B
REFER TO CHART 10-2W

Do not overfly central part of city below 4300′ *(3937′)*.





FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
4640′	*(4277′ - 1300m)*
4300′	*(3937′ - 1200m)*
3650′	*(3287′ - 1000m)*
2660′	*(2297′ - 700m)*
2010′	*(1647′ - 500m)*

N
NOT TO SCALE

CHANGES: STAR GV 25D, crossing at PG.

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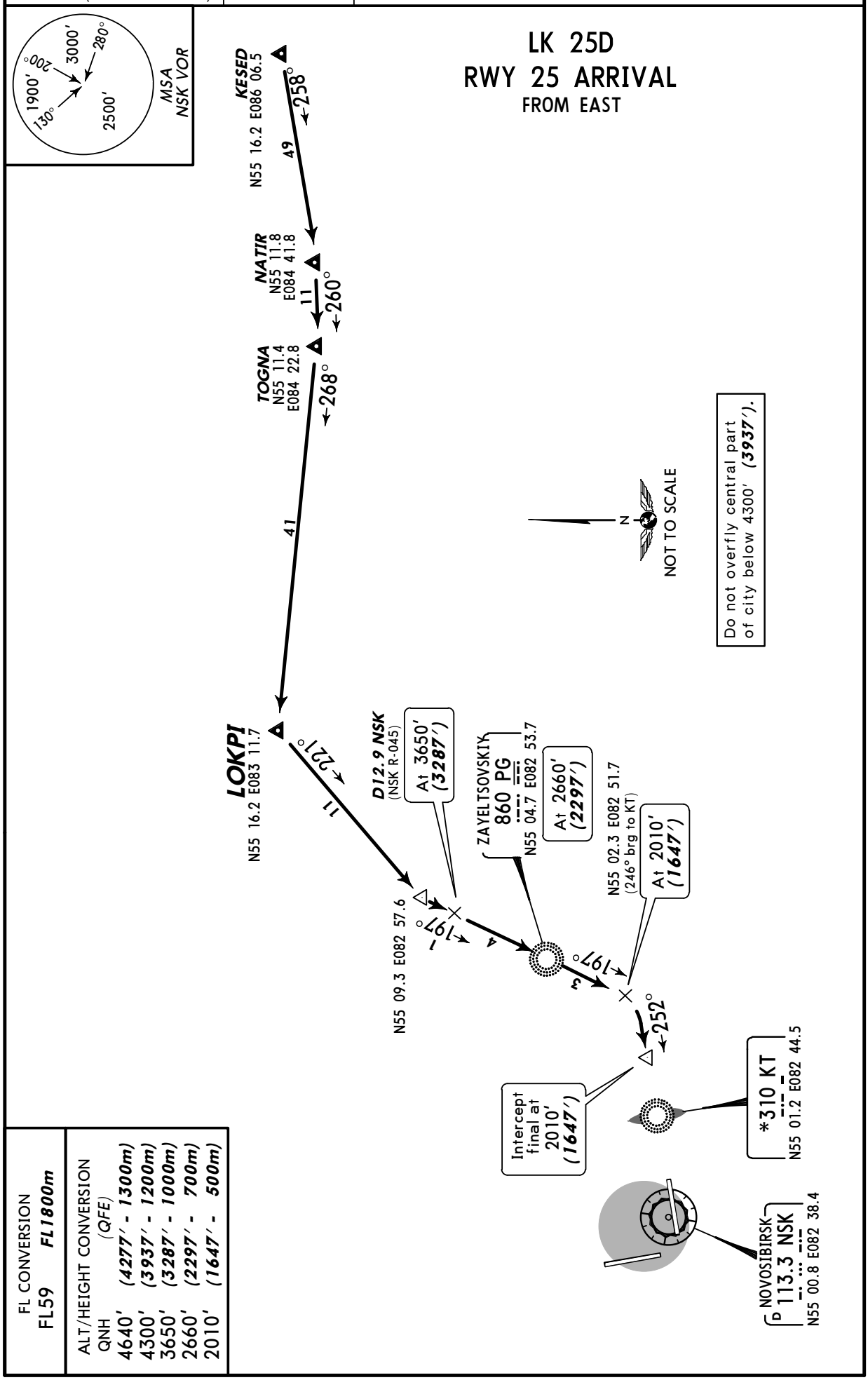
UNNT/OVB TOLMACHEVO

JEPPESEN 17 DEC 10 (10-2J)

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4277′)*



FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4640′	*(4277′ - 1300m)*
4300′	*(3937′ - 1200m)*
3650′	*(3287′ - 1000m)*
2660′	*(2297′ - 700m)*
2010′	*(1647′ - 500m)*

CHANGES: Crossing at PG established.

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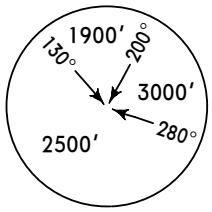
UNNT/OVB
TOLMACHEVO

JEPPESEN
25 JUN 10 (10-2K) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
STAR

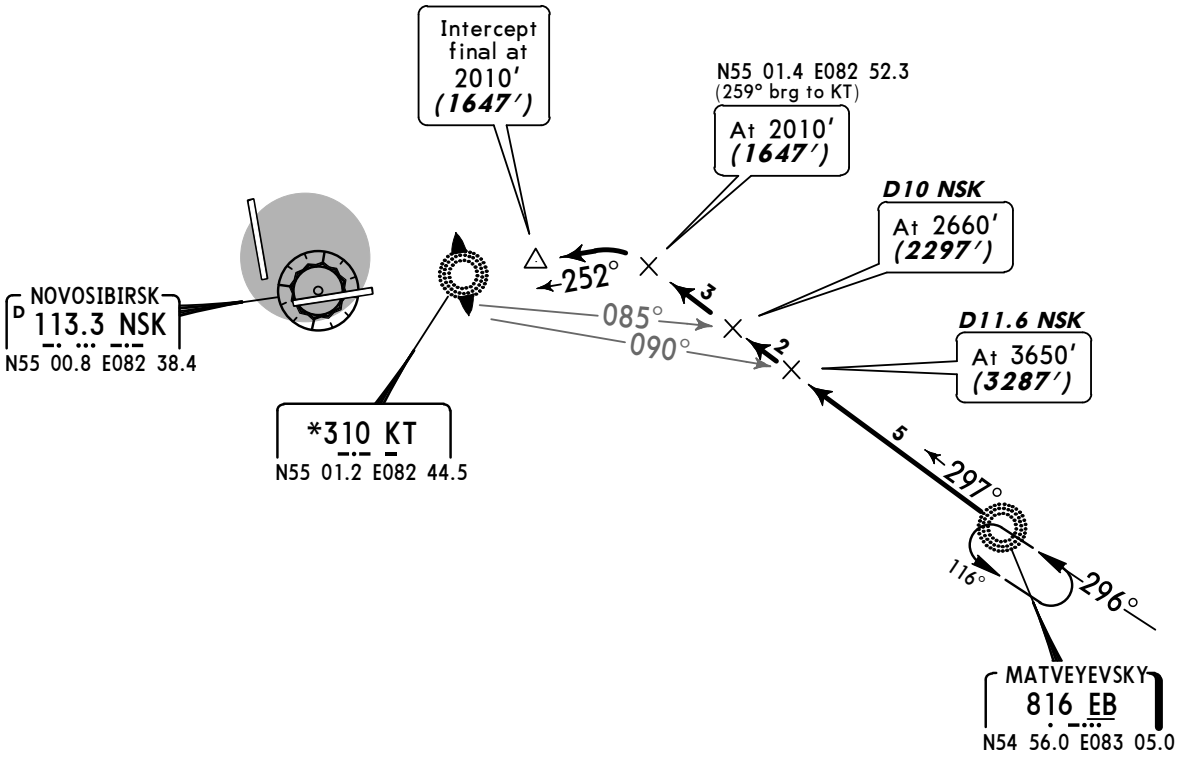
ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4277′)*

EB 25D
RWY 25 ARRIVAL
FROM SOUTH
FOR ARRIVALS CAT B
REFER TO CHART 10-2X



MSA
NSK VOR

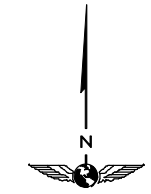
Do not overfly central part of city below 4300′ *(3937′).*



FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
4640′	*(4277′ - 1300m)*
4300′	*(3937′ - 1200m)*
3650′	*(3287′ - 1000m)*
2660′	*(2297′ - 700m)*
2010′	*(1647′ - 500m)*



NOT TO SCALE

CHANGES: New chart.

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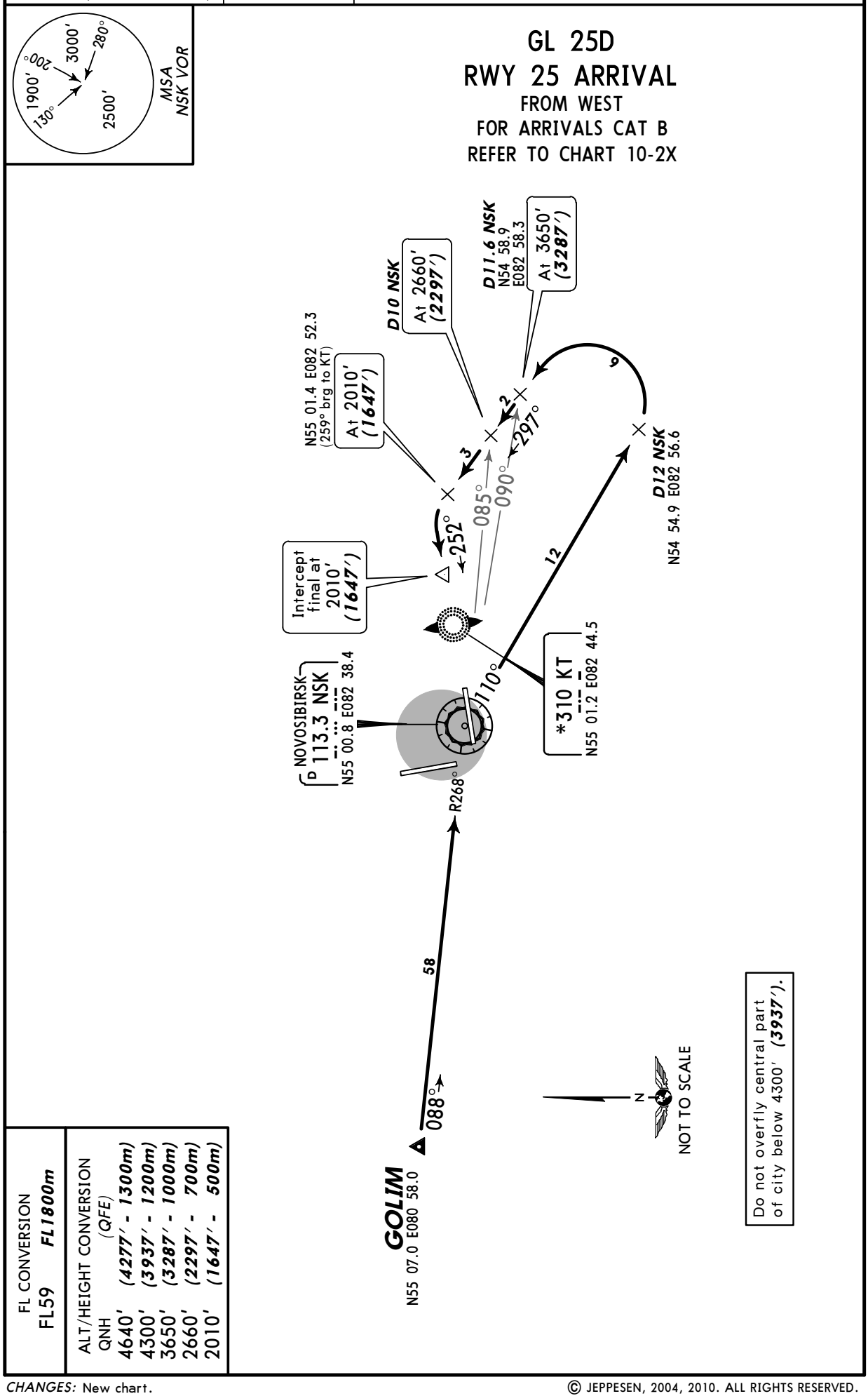
UNNT/OVB TOLMACHEVO

JEPPESEN 25 JUN 10 (10-2L) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4277′)*



FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4640′	*(4277′ - 1300m)*
4300′	*(3937′ - 1200m)*
3650′	*(3287′ - 1000m)*
2660′	*(2297′ - 700m)*
2010′	*(1647′ - 500m)*

CHANGES: New chart.

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UNNT/OVB TOLMACHEVO

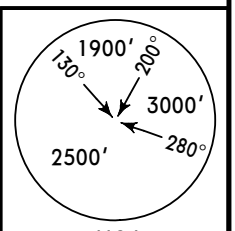
JEPPESEN 25 JUN 10 (10-2M) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4272′)*

GV 34D, KD 34C, KD 34D
RWY 34 ARRIVALS
FROM NORTH
FOR ARRIVALS CAT B
REFER TO CHART 10-2X1



Do not overfly central part of city below 4310′ *(3942′)*.

NOVOTYRYSHKINO
715 KD
N55 17.0 E082 24.0

KOLYVAN
660 GV
N55 19.0 E082 43.0

ZAYELTSOVSKIY
860 PG
N55 04.7 E082 53.7

NOVOSIBIRSK
D 113.3 NSK
N55 00.8 E082 38.4

875 GH
N54 58.9 E082 36.8

N55 10.2 E082 40.4

N54 58.9 E082 42.9

R324°

107° 287° 117° 144° 168° 116° 161° 116° 116° 341° 167° 158° 145° 296°

11 KD 34C BY ATC

18 KD 34D

26 GV 34D

18

3

6

NOT TO SCALE

Intercept final at 2010′ *(1642′)*

D7.2 NSK
N54 53.6 E082 38.4
(NSK R-171)
At 2010′*(1642′)*

D8.4 NSK
N54 52.4 E082 39.5
At 2010′*(1642′)*

D9.3 NSK
N54 52.5 E082 45.5
At 2670′*(2302′)*

D9.8 NSK
N54 51.3 E082 42.2
At 2670′*(2302′)*

FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
4640′	*(4272′ - 1300m)*
4310′	*(3942′ - 1200m)*
2670′	*(2302′ - 700m)*
2010′	*(1642′ - 500m)*

CHANGES: New chart.

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UNNT/OVB TOLMACHEVO

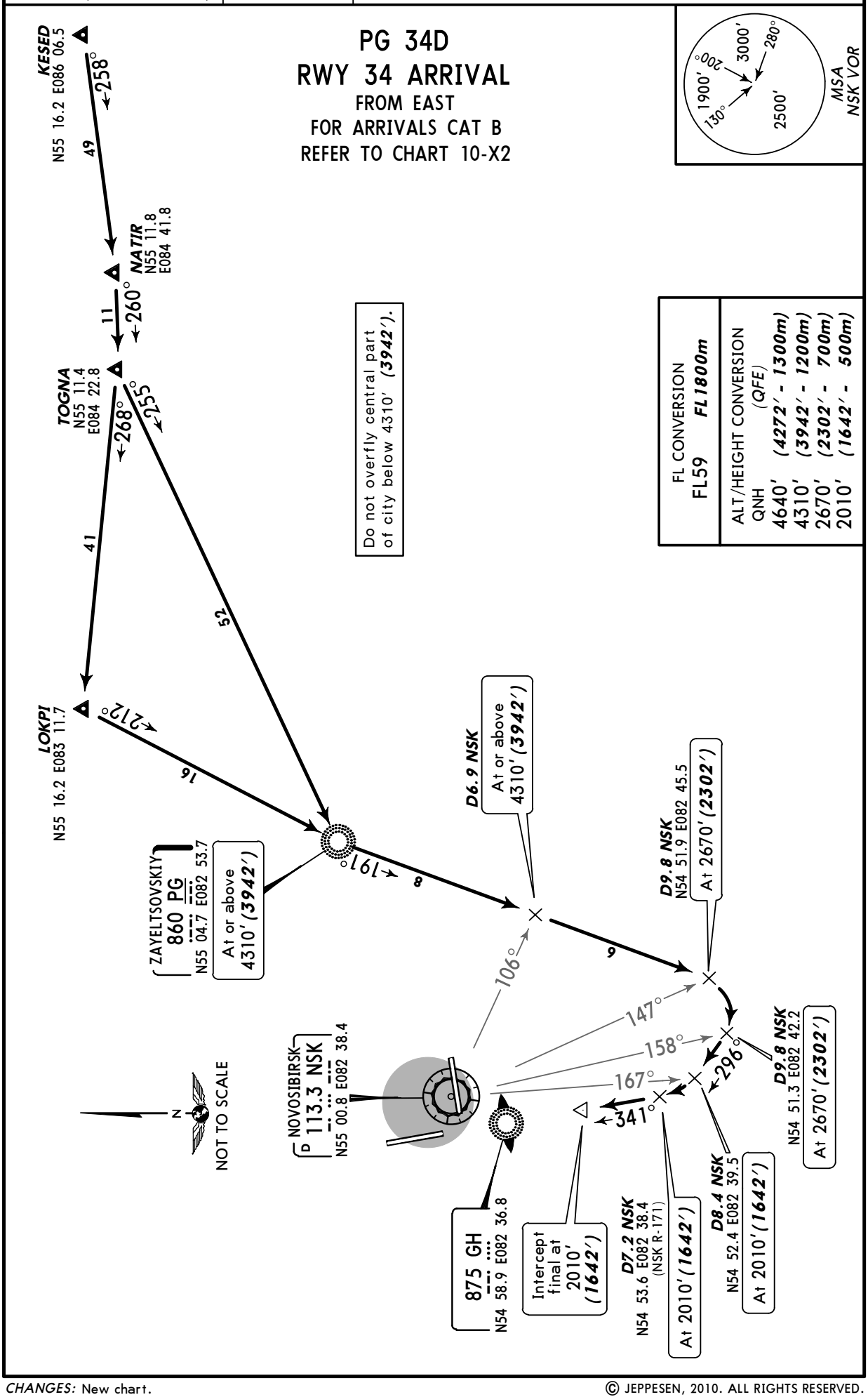
JEPPESEN 25 JUN 10 (10-2N) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4272′)*

PG 34D
RWY 34 ARRIVAL
FROM EAST
FOR ARRIVALS CAT B
REFER TO CHART 10-X2



CHANGES: New chart.

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UNNT/OVB
TOLMACHEVO

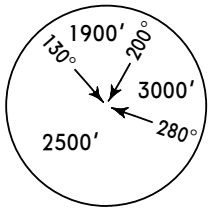
JEPPESEN
25 JUN 10 (10-2P) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4272′)*

AL 34D, BB 34D, BO 34D, EB 34D, NR 34D, OP 34D
RWY 34 ARRIVALS
FROM SOUTH
FOR ARRIVALS CAT B
REFER TO CHART 10-2X3

Do not overfly central part of city below 4310′ *(3942′).*

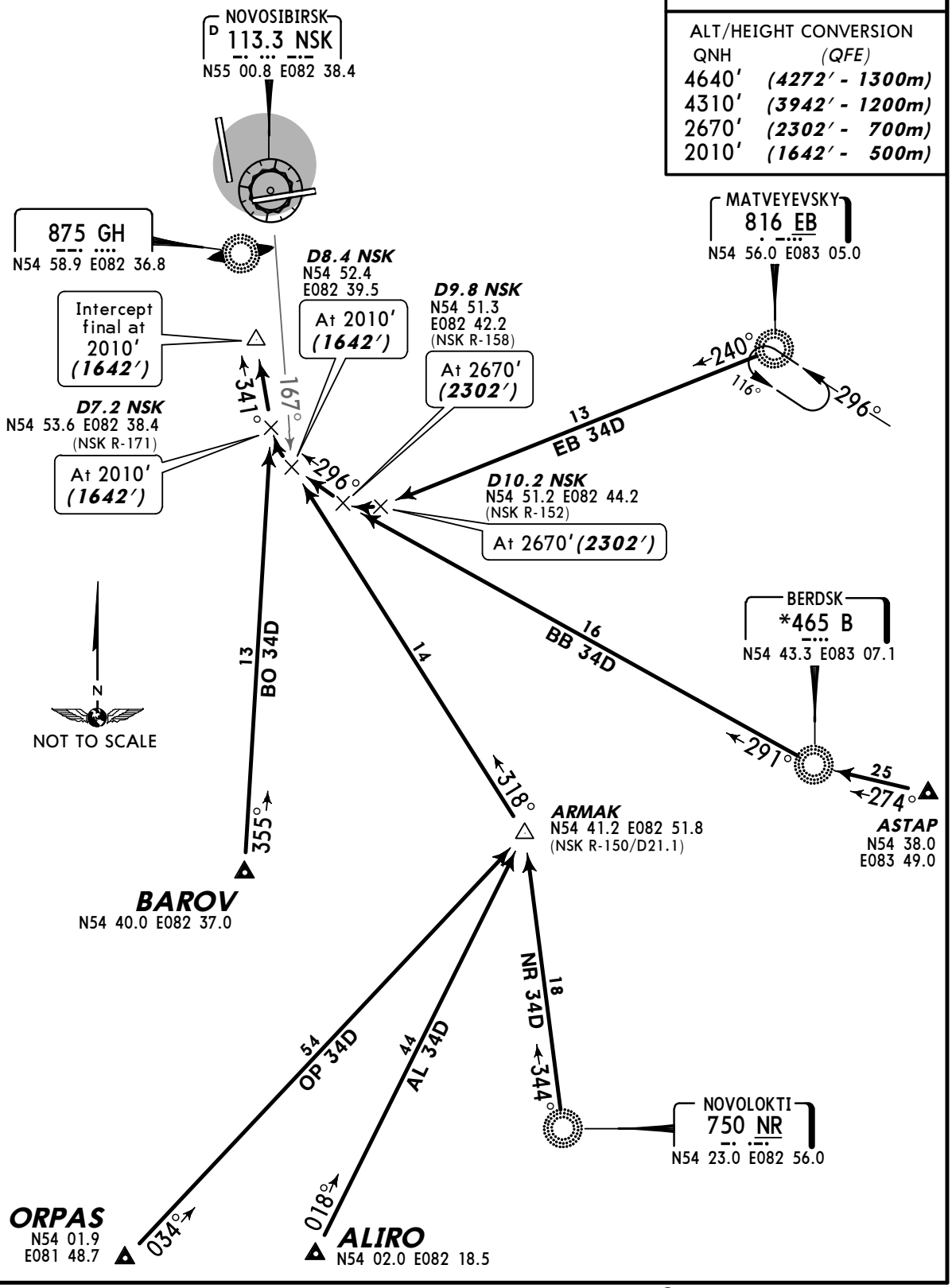


MSA
NSK VOR

FL CONVERSION
FL59 *FL1800m*

ALT/HEIGHT CONVERSION

QNH	(QFE)
4640′	*(4272′ - 1300m)*
4310′	*(3942′ - 1200m)*
2670′	*(2302′ - 700m)*
2010′	*(1642′ - 500m)*



CHANGES: New chart.

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UNNT/OVB TOLMACHEVO

JEPPESEN
25 JUN 10 (10-2Q) Eff 1 Jul

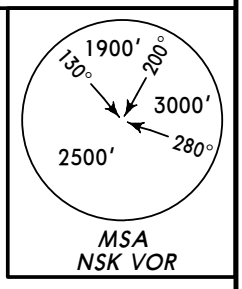
NOVOSIBIRSK, RUSSIA

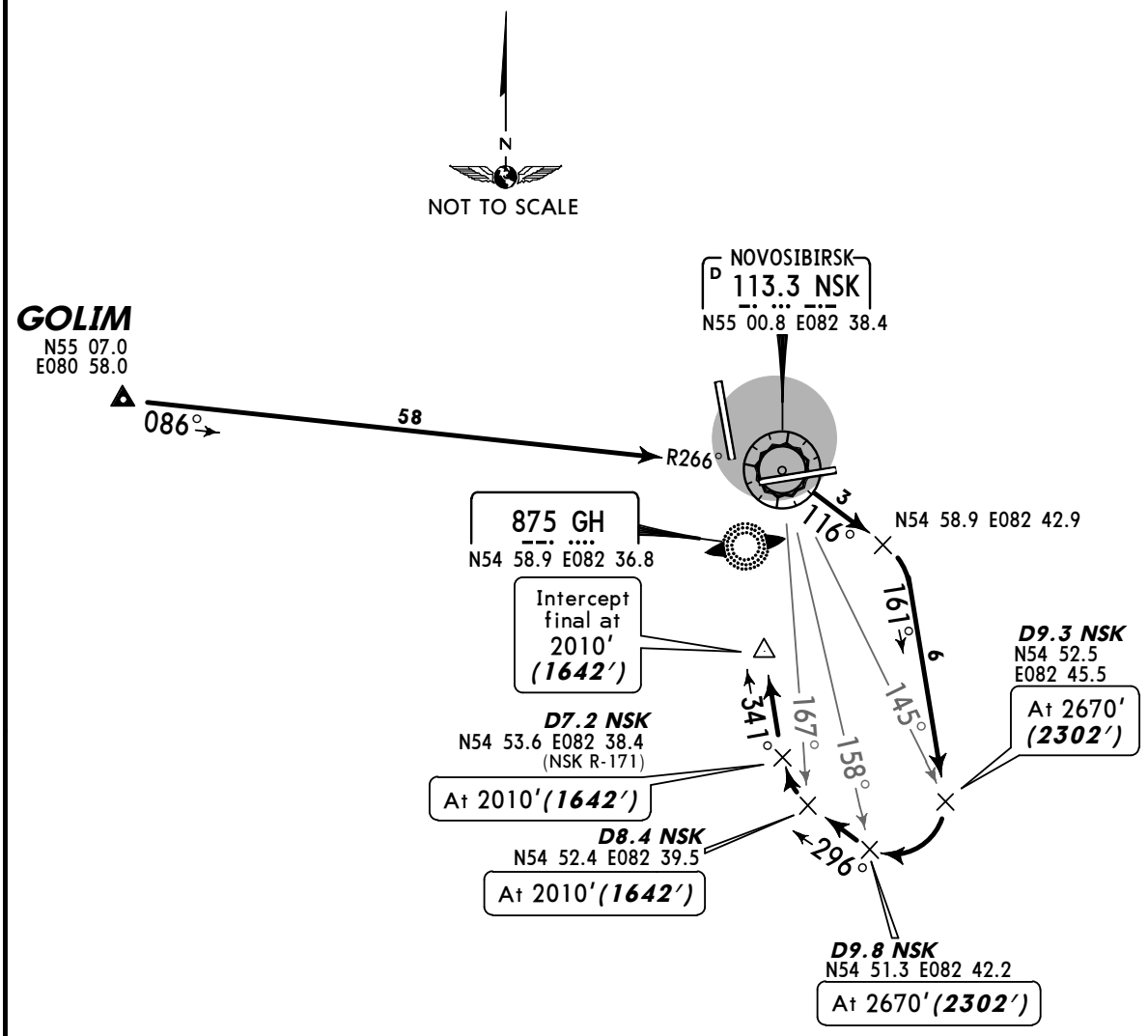
STAR

ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4272′)*

GL 34D
RWY 34 ARRIVAL
FROM WEST
FOR ARRIVALS CAT B
REFER TO CHART 10-2X4

Do not overfly central part of city below 4310′ ***(3942′).***





FL CONVERSION	
FL59	***FL1800m***

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
4640′	***(4272′ - 1300m)***
4310′	***(3942′ - 1200m)***
2670′	***(2302′ - 700m)***
2010′	***(1642′ - 500m)***

CHANGES: New chart.

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UNNT/OVB TOLMACHEVO

JEPPESEN

10 SEP 10 (10-2S) Eff 23 Sep

NOVOSIBIRSK, RUSSIA

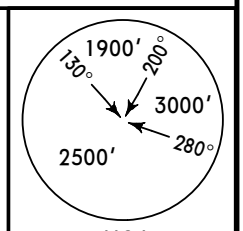
STAR

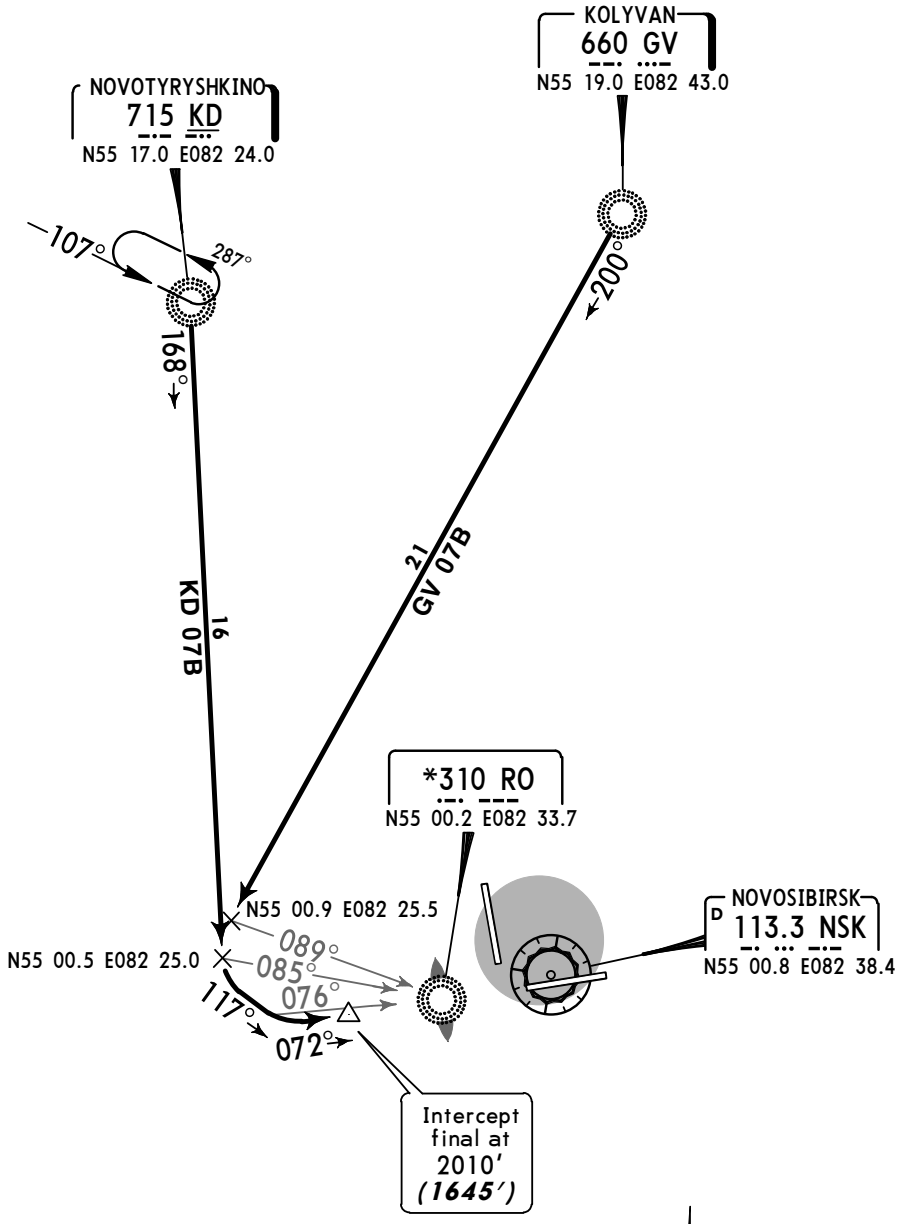
ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4275′)*

GV 07B, KD 07B
RWY 07 ARRIVALS

CAT B

FROM NORTH





FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4640′	*(4275′ - 1300m)*
2010′	*(1645′ - 500m)*

CHANGES: STARs revised.

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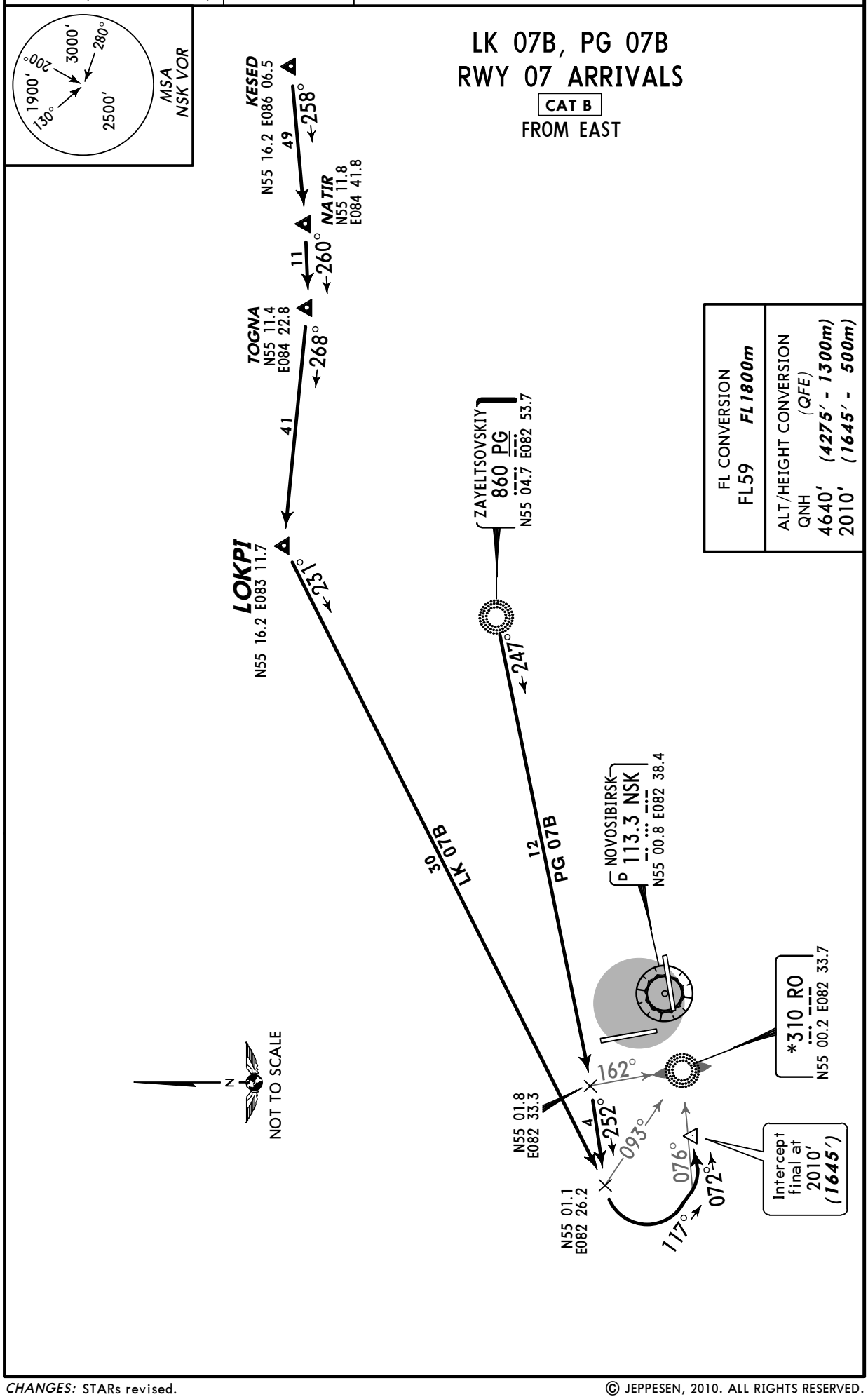
UNNT/OVB
TOLMACHEVO

JEPPESEN 10 SEP 10 (10-2T) Eff 23 Sep

NOVOSIBIRSK, RUSSIA
STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4275′)*



CHANGES: STARs revised.

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UNNT/OVB TOLMACHEVO

JEPPESEN 10 SEP 10 (10-2U) Eff 23 Sep

NOVOSIBIRSK, RUSSIA

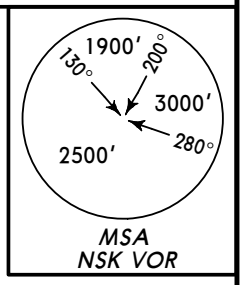
STAR

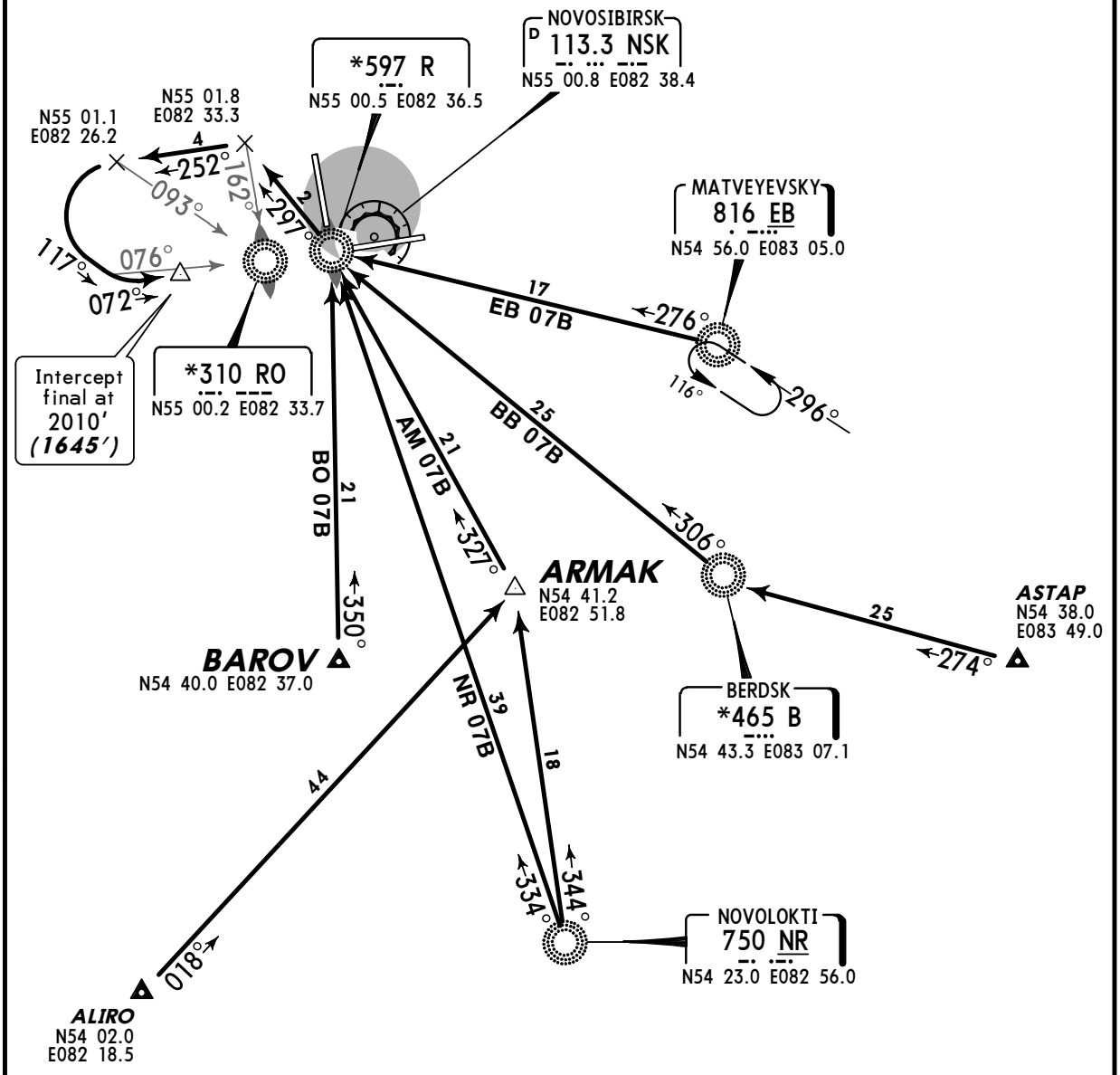
ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4275′)*

AM 07B, BB 07B, BO 07B, EB 07B, NR 07B
RWY 07 ARRIVALS

CAT B

FROM SOUTH





FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4640′	*(4275′ - 1300m)*
2010′	*(1645′ - 500m)*

NOT TO SCALE

CHANGES: STARs revised.

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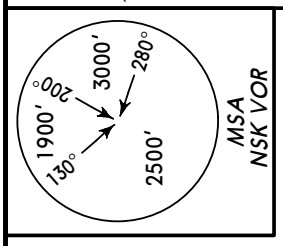
UNNT/OVB TOLMACHEVO

JEPPESEN 10 SEP 10 (10-2V) Eff 23 Sep

NOVOSIBIRSK, RUSSIA

STAR

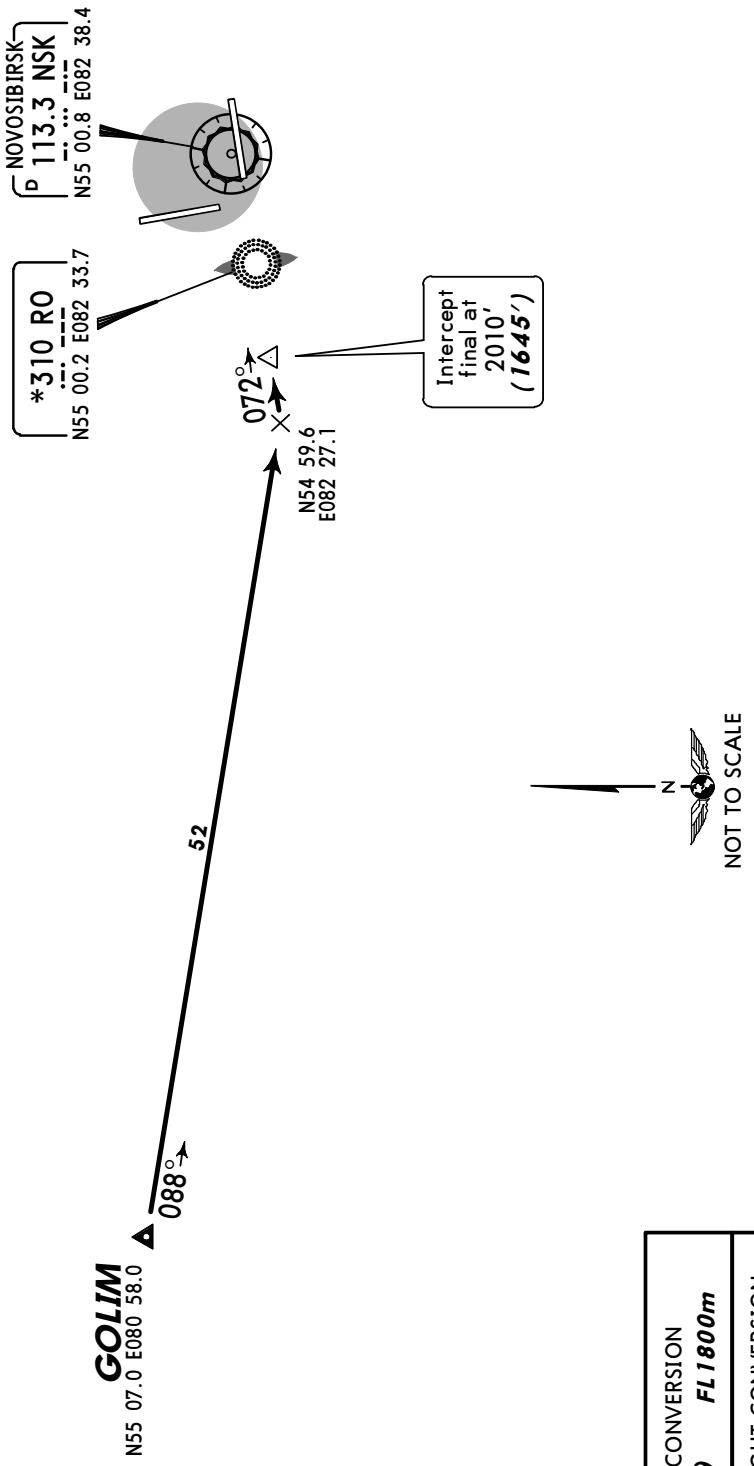
ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4275′)*



GL 07B
RWY 07 ARRIVAL

CAT B

FROM WEST



FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION	(QFE)
QNH 4640′	*(4275′ - 1300m)*
2010′	*(1645′ - 500m)*

CHANGES: None.

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JeppView 3.7.4.0

UNNT/OVB TOLMACHEVO

JEPPESEN
25 JUN 10 (10-2W) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

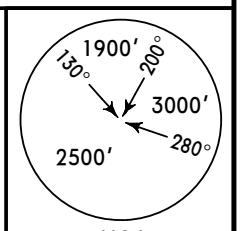
STAR

ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4277′)*

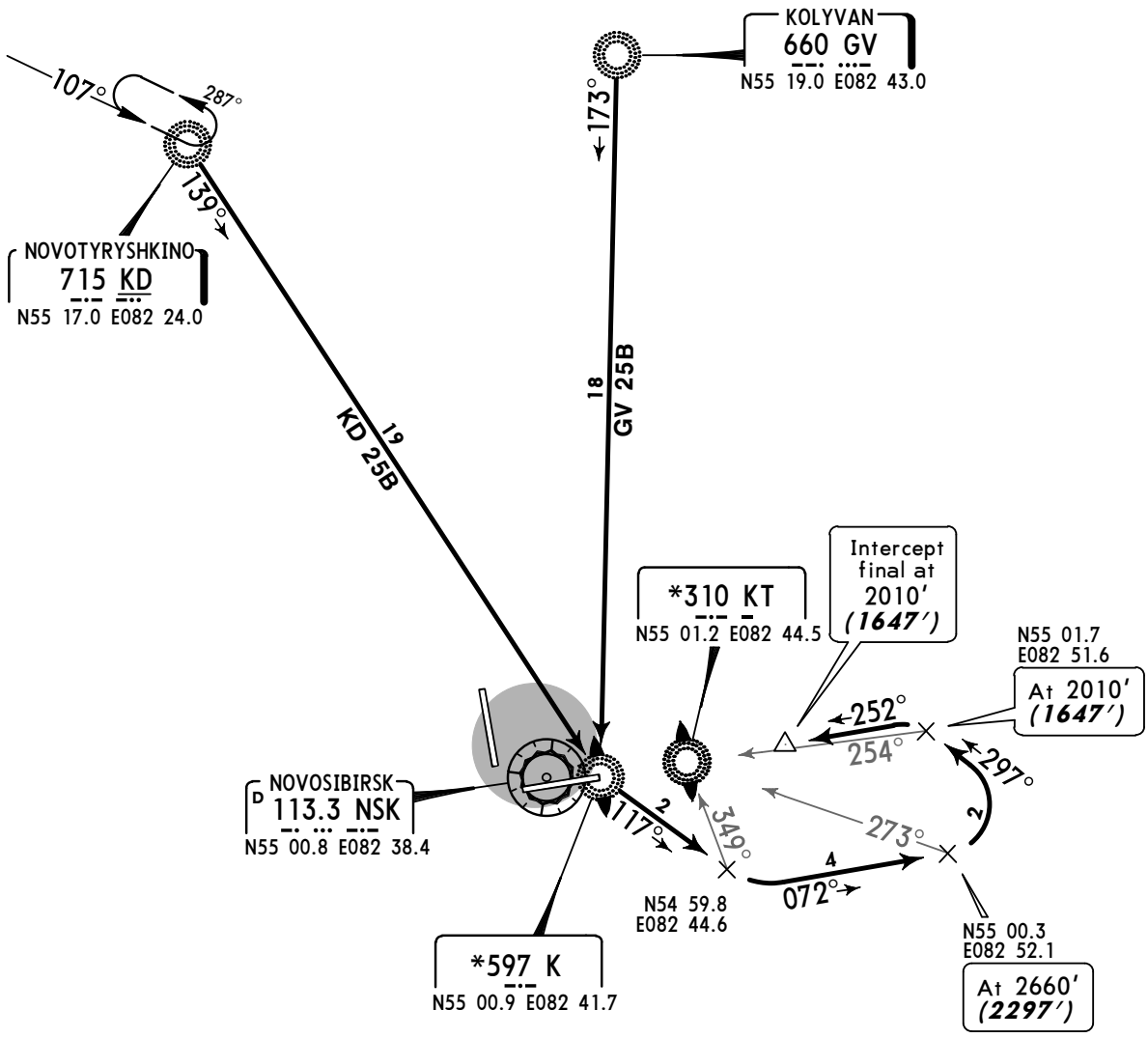
GV 25B, KD 25B
RWY 25 ARRIVALS

CAT B

FROM NORTH



Do not overfly central part of city below 4300′ *(3937′)*.



FL CONVERSION

FL59	*FL1800m*

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
4640′	*(4277′ - 1300m)*
4300′	*(3937′ - 1200m)*
2660′	*(2297′ - 700m)*
2010′	*(1647′ - 500m)*

N

NOT TO SCALE

CHANGES: New chart.

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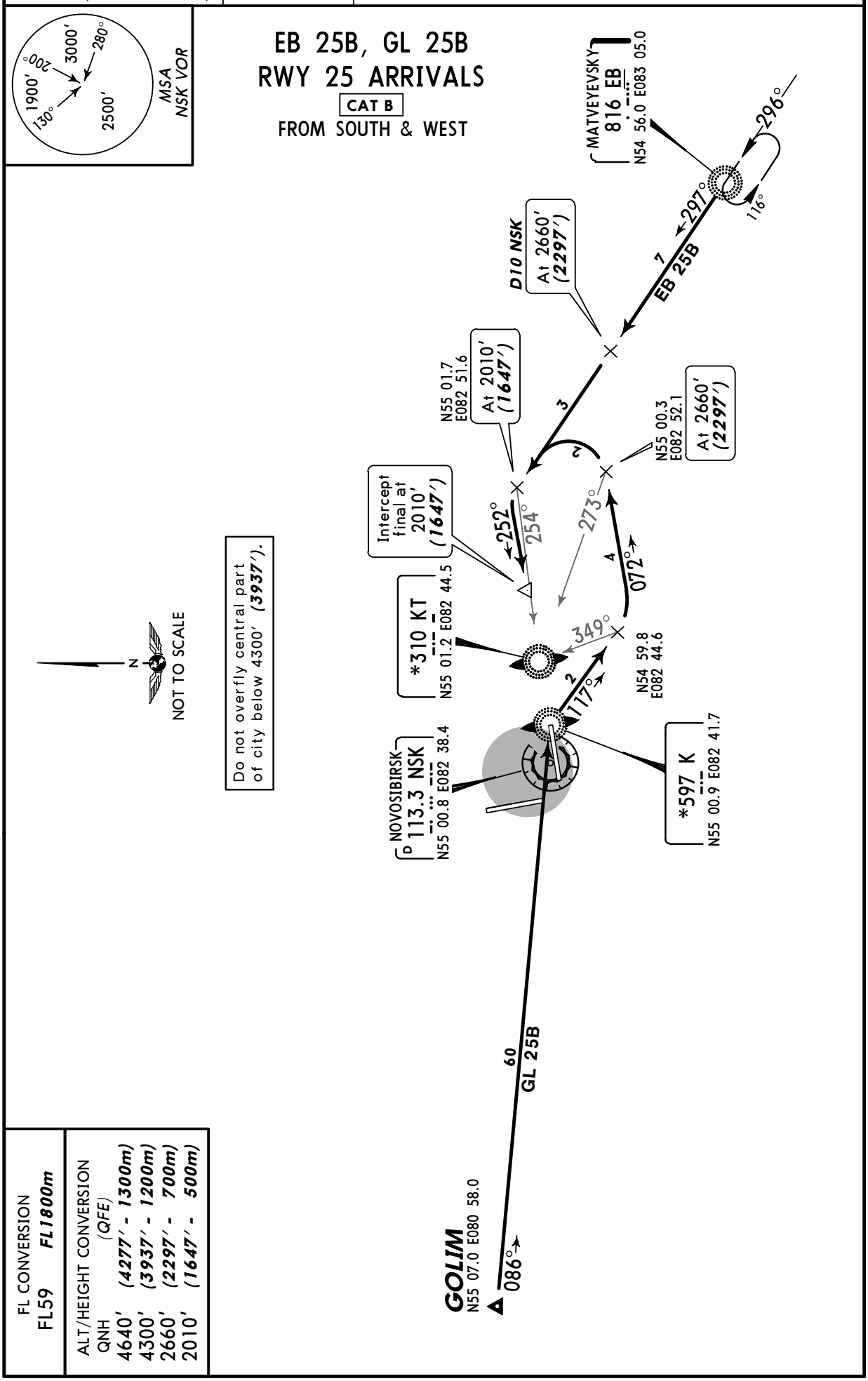
UNNT/OVB TOLMACHEVO

JEPPESEN
25 JUN 10 (10-2X) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
131.3 (Russian 127.4)	368′	Trans level: FL59 Trans alt: 4640′ *(4275′)*



FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION (QFE) QNH	
4640′	*(4277′ - 1300m)*
4300′	*(3937′ - 1200m)*
2660′	*(2297′ - 700m)*
2010′	*(1647′ - 500m)*

CHANGES: New chart.

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JeppView 3.7.4.0

UNNT/OVB TOLMACHEVO

JEPPESEN 25 JUN 10 (10-2X1) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

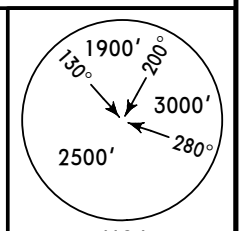
STAR

ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4272′)*

GV 34B, KD 34B, KD 34E
RWY 34 ARRIVALS

CAT B

FROM NORTH



Do not overfly central part of city below 4310′ *(3942′)*.

NOVOTYRYSHKINO
715 KD
N55 17.0 E082 24.0

KOLYVAN
660 GV
N55 19.0 E082 43.0

ZAYELTSOVSKIY
860 PG
N55 04.7 E082 53.7

NOVOSIBIRSK
D 113.3 NSK
N55 00.8 E082 38.4

722 G
N55 00.6 E082 36.3

875 GH
N54 58.9 E082 36.8

N55 11.9
E082 36.3

N54 59.0 E082 40.2
(259° brg to GH)

Intercept final at 2010′ *(1642′)*

N54 55.0
E082 38.0
At 2010′ *(1642′)*

N54 54.2
E082 42.0
At 2670′ *(2302′)*

N54 54.5
E082 38.5
At 2010′ *(1642′)*

N54 53.6
E082 41.2
At 2670′ *(2302′)*

107° 287° 116° 147° 9 KD 34E BY ATC 18 KD 34B 161° 116° 18 25 GV 34B 172° 116° 5 3 341° 339° 319° 326° 2 296°

FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
4640′	*(4272′ - 1300m)*
4310′	*(3942′ - 1200m)*
2670′	*(2302′ - 700m)*
2010′	*(1642′ - 500m)*

N

NOT TO SCALE

CHANGES: New chart.

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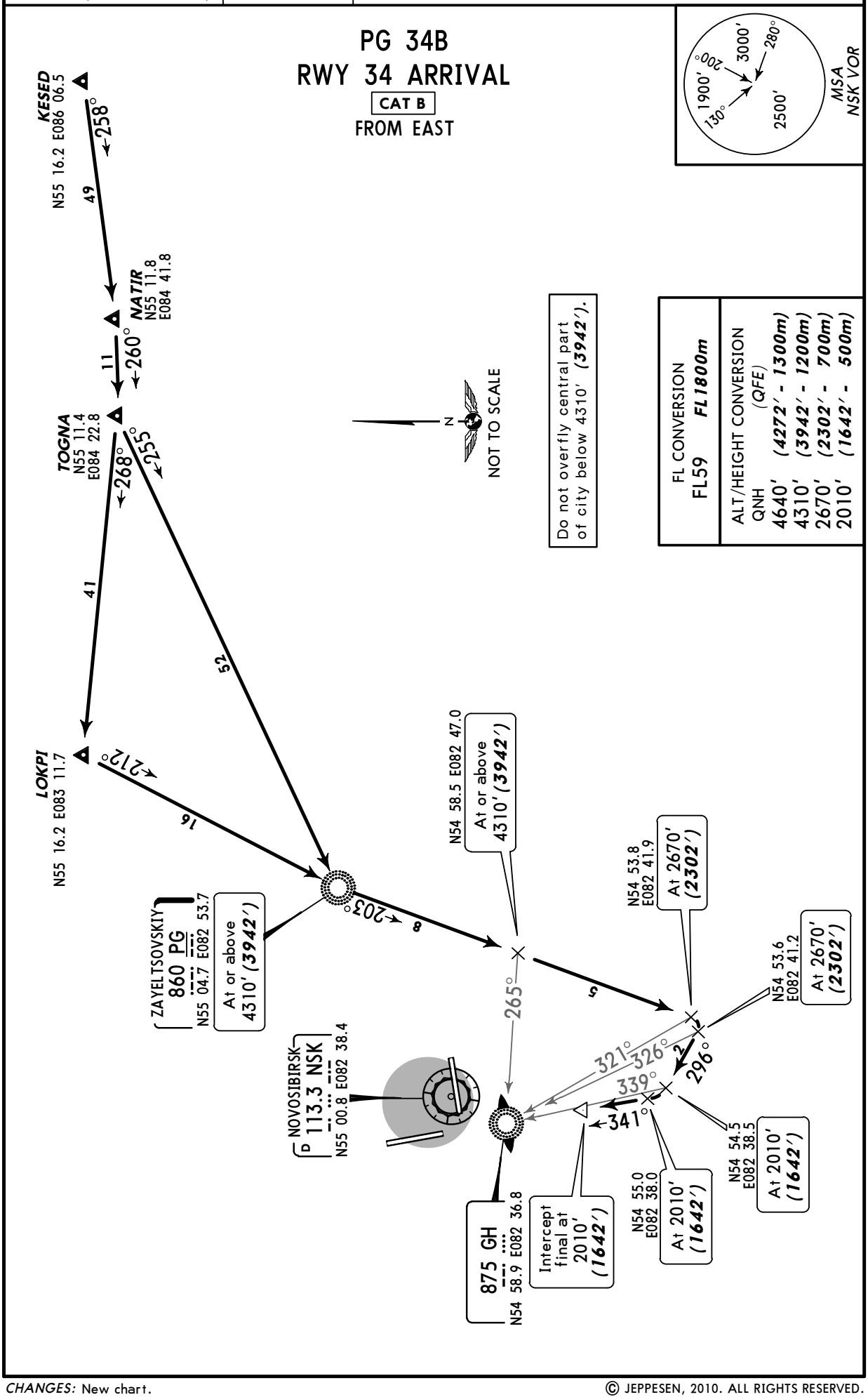
UNNT/OVB
TOLMACHEVO

JEPPESEN 25 JUN 10 (10-2X2) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
STAR

ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4272′)*

PG 34B
RWY 34 ARRIVAL
CAT B
FROM EAST



CHANGES: New chart.

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JeppView 3.7.4.0

UNNT/OVB TOLMACHEVO

JEPPESEN 25 JUN 10 (10-2X3) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR

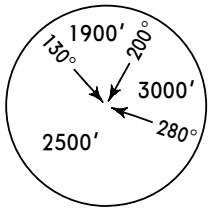
ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4272′)*

AL 34B, BB 34B, BO 34B, EB 34B, NR 34B, OP 34B
RWY 34 ARRIVALS

CAT B

FROM SOUTH

Do not overfly central part of city below 4310′ *(3942′)*.



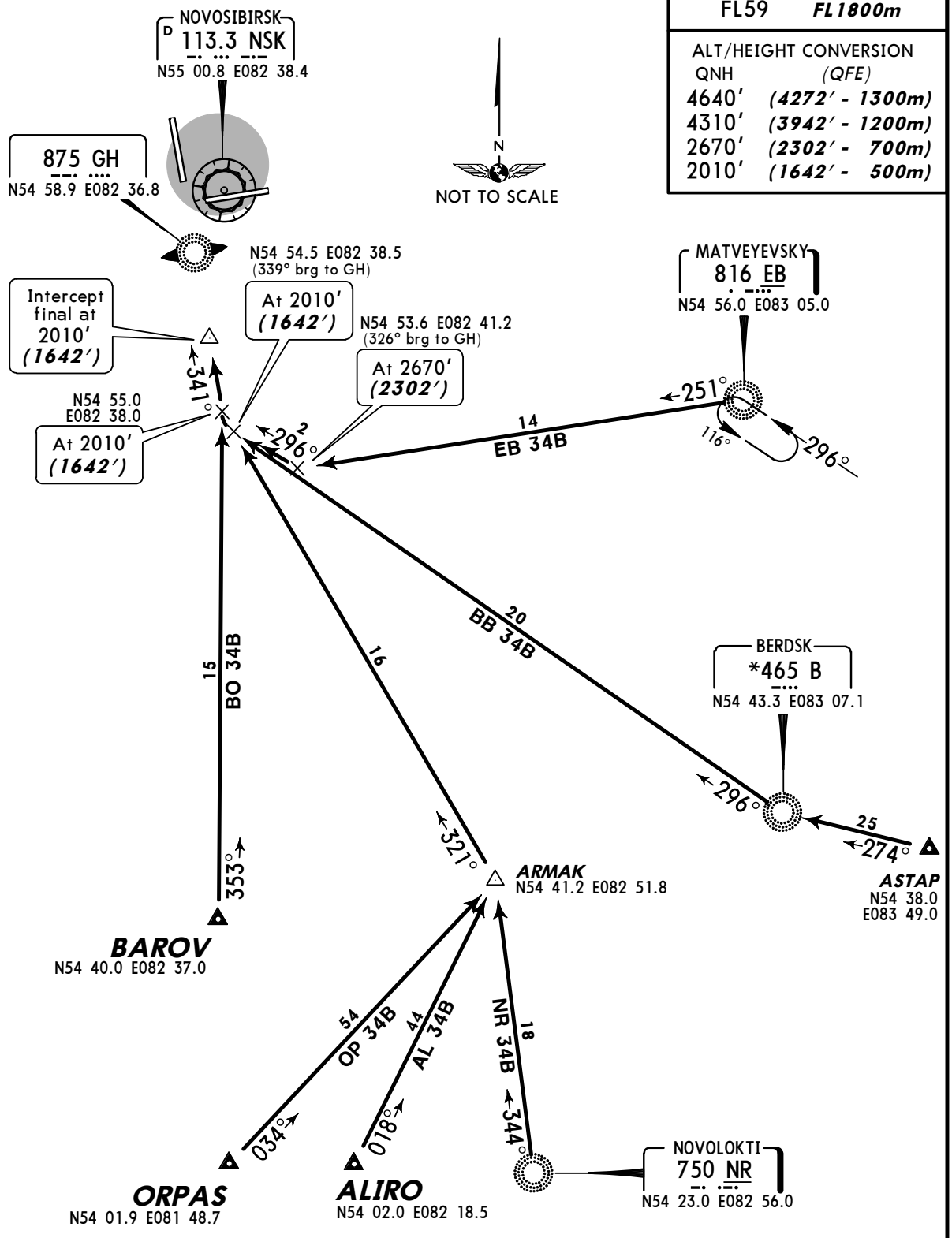
MSA
NSK VOR

FL CONVERSION

FL59	*FL1800m*

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
4640′	*(4272′ - 1300m)*
4310′	*(3942′ - 1200m)*
2670′	*(2302′ - 700m)*
2010′	*(1642′ - 500m)*



CHANGES: New chart.

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JeppView 3.7.4.0

UNNT/OVB
TOLMACHEVO

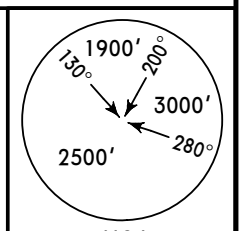
JEPPESEN
25 JUN 10 (10-2X4) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
STAR

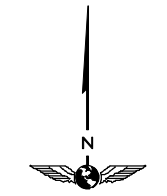
ATIS	Apt Elev	
131.3 (Russian 127.4)	368′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL59 Trans alt: 4640′ *(4272′)*

GL 34B
RWY 34 ARRIVAL
CAT B
FROM WEST

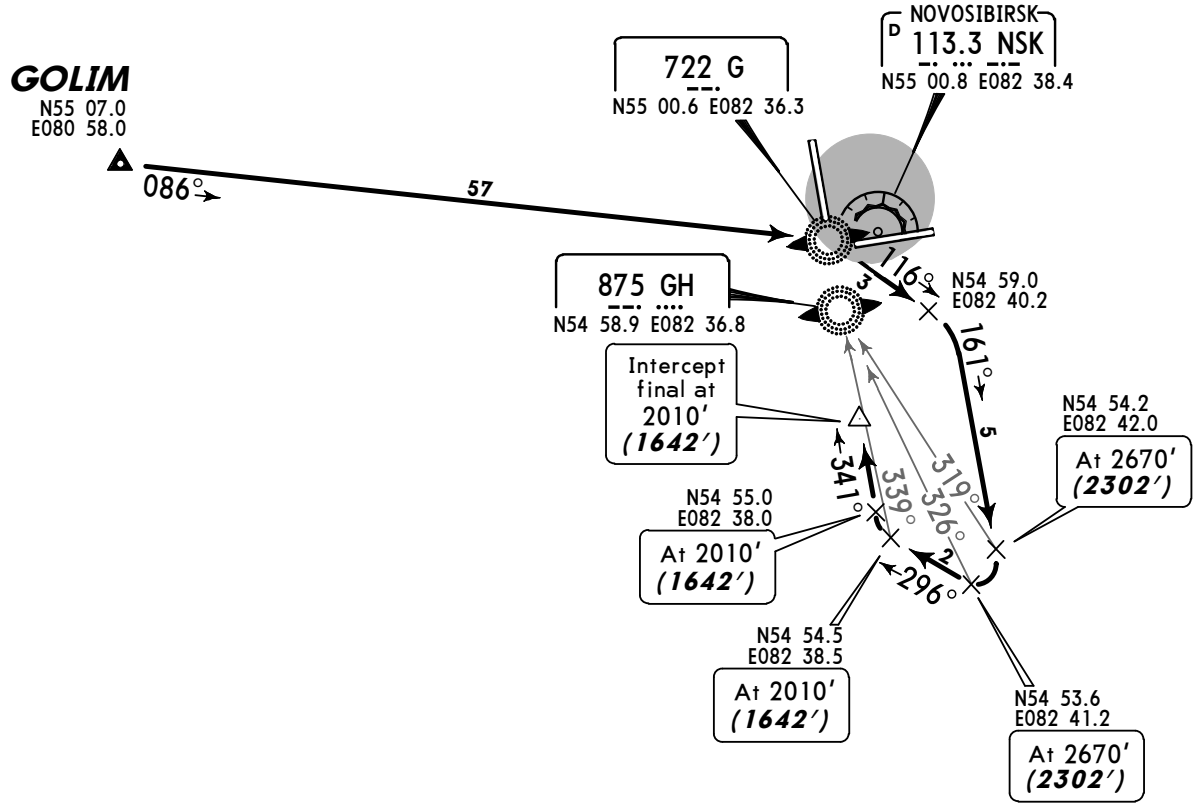
Do not overfly central part of city below 4310′ *(3942′).*



MSA
NSK VOR



NOT TO SCALE



FL CONVERSION	
FL59	*FL1800m*

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
4640′	*(4272′ - 1300m)*
4310′	*(3942′ - 1200m)*
2670′	*(2302′ - 700m)*
2010′	*(1642′ - 500m)*

CHANGES: New chart.

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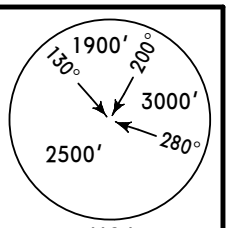
UNNT/OVB
TOLMACHEVO

NOVOSIBIRSK, RUSSIA
SID

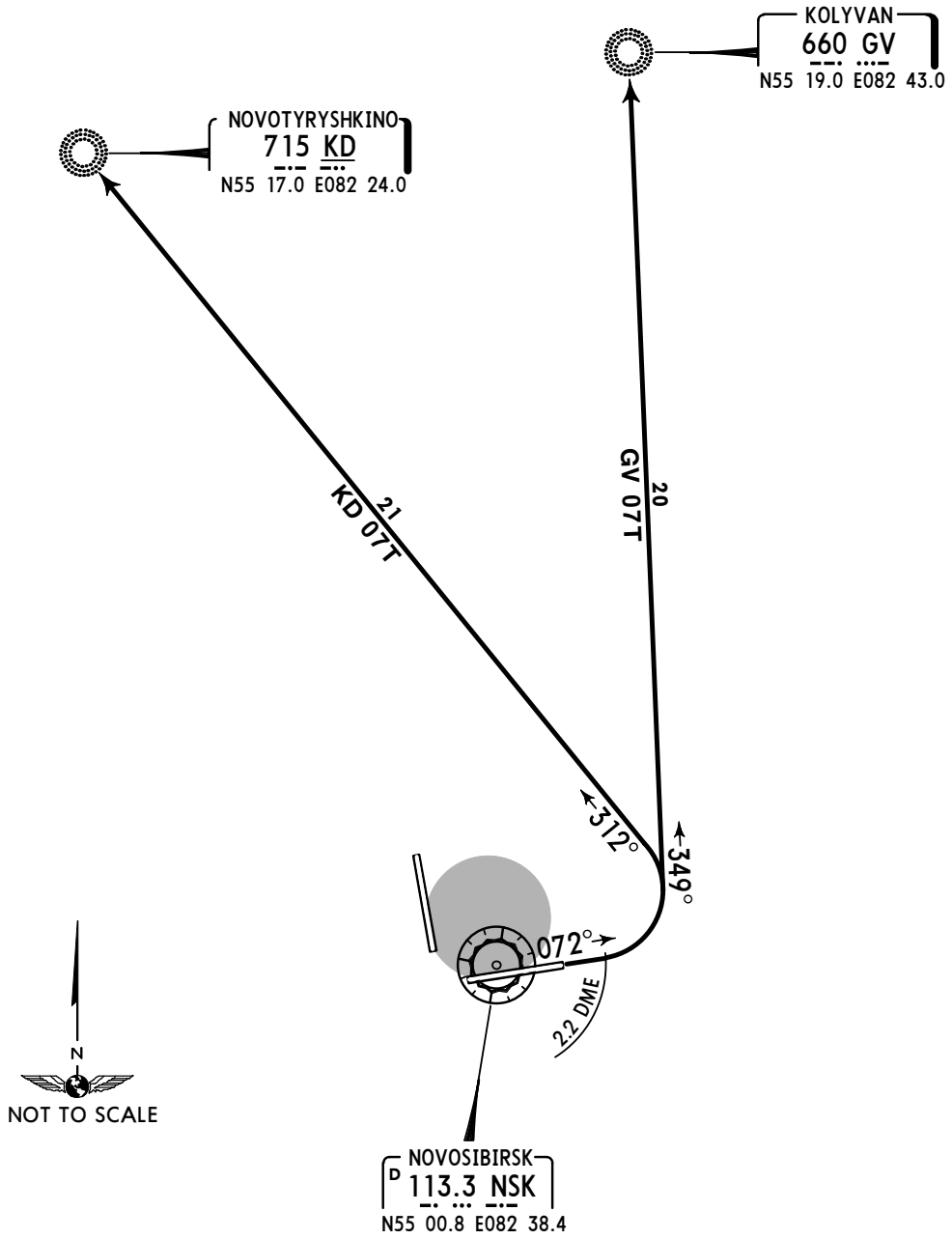
Apt Elev	
368′	QNH on request **(QFE)** Trans level: FL59 Trans alt: 4640′ ***(4275′)*** Take-off shall be carried out with noise abatement procedures according to Flight Operation Manual.



MSA
NSK VOR

GV 07T, KD 07T
RWY 07 DEPARTURES
TO NORTH

Do not overfly central part of city below 4310′ ***(3945′).***



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4310′	***(3945′ - 1200m)***
4640′	***(4275′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: SIDs completely revised.

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UNNT/OVB
TOLMACHEVO

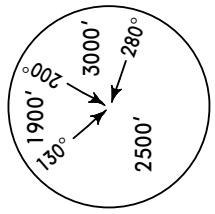
JEPPESEN

NOVOSIBIRSK, RUSSIA

25 JUN 10 (10-3A) Eff 1 Jul

SID

Apt Elev 368′	QNH on request **(QFE)** Trans level: FL59 Trans alt: 4640′ ***(4275′)*** Take-off shall be carried out with noise abatement procedures according to Flight Operation Manual.



LK 07T
RWY 07 DEPARTURE
TO EAST

Do not overfly central part of city below 4310′ ***(3945′)***.

KESED
N55 16.2 E086 06.5

49

076°

NATIR
N55 11.8
E084 41.8

11

079°

TOGNA
N55 11.4
E084 22.8

41

087°

LOKPI
N55 16.2 E083 11.7

23

039°

2.2 DME

072°

NOVOSIBIRSK
113.3 NSK
N55 00.8 E082 38.4

N

NOT TO SCALE

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4310′	***(3945′ - 1200m)***
4640′	***(4275′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: SIDs completely revised.

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UNNT/OVB TOLMACHEVO

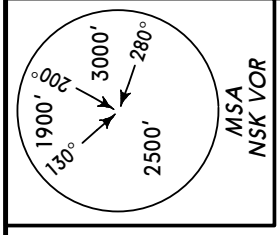
JEPPESEN 25 JUN 10 (10-3B) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

SID

Apt Elev 368′

QNH on request **(QFE)**
Trans level: FL59 Trans alt: 4640′ ***(4275′)***
Take-off shall be carried out with noise abatement procedures according to Flight Operation Manual.



AL 07T, BO 07T, EB 07T, MM 07T, MN 07T
NR 07T, OP 07T, PL 07T
RWY 07 DEPARTURES
TO SOUTH

Do not overfly central part of city below 4310′ ***(3945′)***.

MATVEYEVSKY 816 EB N54 56.0 E083 05.0

MANUM N54 32.9 E084 09.6

SAMBA N54 14.0 E085 23.0

IPLEN N54 05.5 E083 43.3

MOMIP N54 07.3 E083 24.2

NOVOLOKTI 750 NR N54 23.0 E082 56.0

NOVOSIBIRSK 113.3 NSK N55 00.8 E082 38.4

ARMAK N54 41.2 E082 51.8 (NSK R-150/D21.1)

BAROV N54 40.0 E082 37.0

ALIRO N54 02.0 E082 18.5

ORPAS N54 01.9 E081 48.7

2.2 DME

072°

150° 184° 159° 147° 078° 107° 139° 090° 164° 198° 215°

22 BO 07T 23

17 EB 07T

60 MN 07T

67 PL 07T

60 MM 07T

18 NR 07T

47 104°

44 AL 07T

54 OP 07T

N

NOT TO SCALE

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4310′	***(3945′ - 1200m)***
4640′	***(4275′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: SIDs completely revised.

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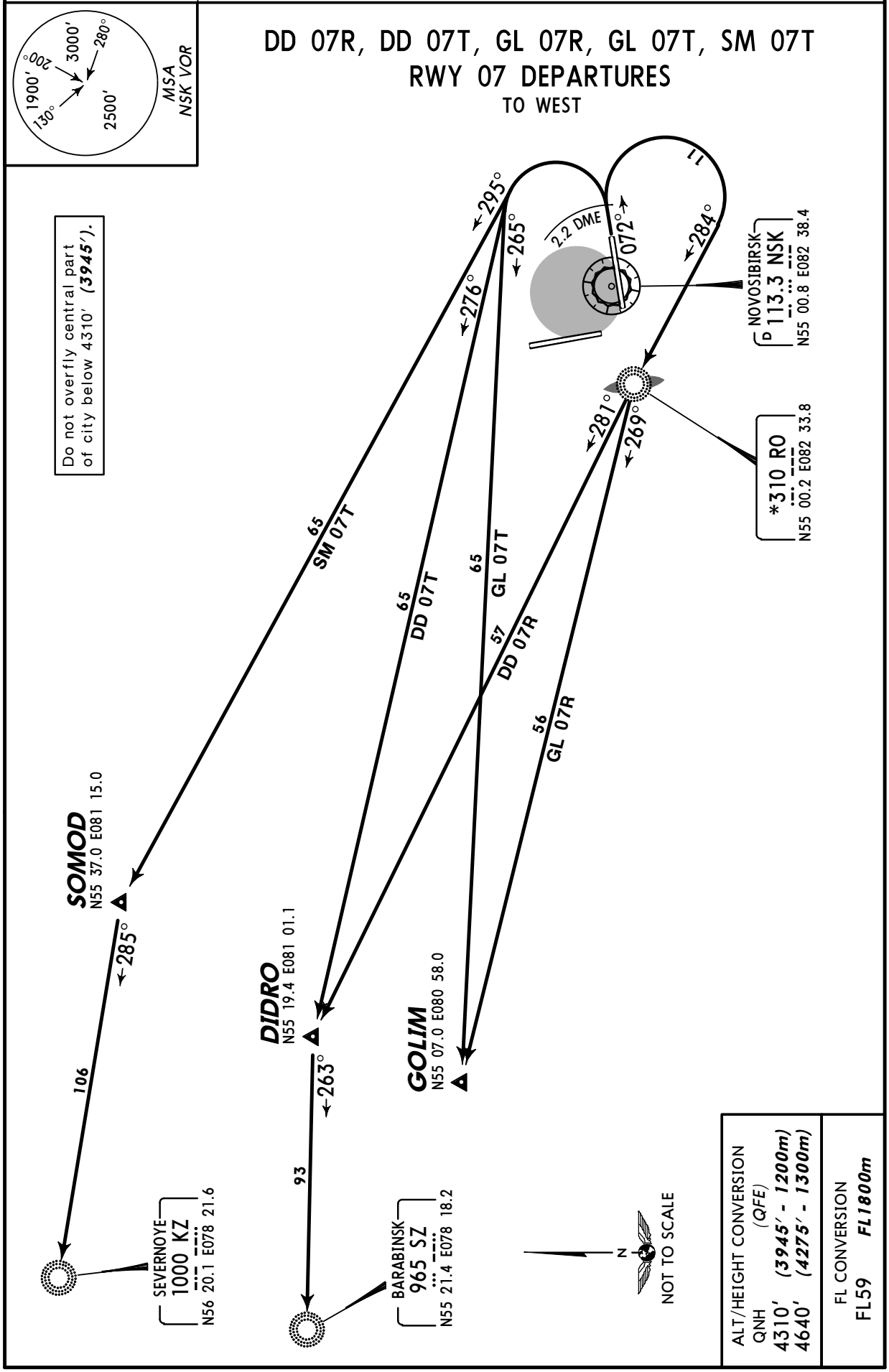
UNNT/OVB
TOLMACHEVO

JEPPESEN 25 JUN 10 (10-3C) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
SID

Apt Elev
368′

QNH on request **(QFE)**
Trans level: FL59 Trans alt: 4640′ ***(4275′)***
Take-off shall be carried out with noise abatement procedures according to Flight Operation Manual.



CHANGES: SIDs completely revised.

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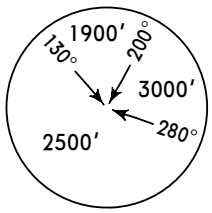
UNNT/OVB TOLMACHEVO

JEPPESEN 25 JUN 10 (10-3D) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

SID

Apt Elev	QNH on request (QFE)
368′	Trans level: FL59 Trans alt: 4640′ *(4278′)*



MSA
NSK VOR

GV 16T, KD 16T
RWY 16 DEPARTURES
TO NORTH

Do not overfly central part of city below 4300′ *(3938′).*

KOLYVAN
660 GV
N55 19.0 E082 43.0

NOVOTYRYSHKINO
715 KD
N55 17.0 E082 24.0

26 GV 16T

28 KD 16T

320°

352°

NOVOSIBIRSK
D 113.3 NSK
N55 00.8 E082 38.4

2.7 DME

N
NOT TO SCALE

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4300′	*(3938′ - 1200m)*
4640′	*(4278′ - 1300m)*

FL CONVERSION	
FL59	*FL1800m*

CHANGES: SIDs completely revised.

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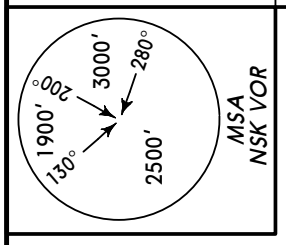
UNNT/OVB
TOLMACHEVO

JEPPESEN
25 JUN 10 (10-3E) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
SID

Apt Elev	QNH on request **(QFE)**
368′	Trans level: FL59 Trans alt: 4640′ ***(4278′)***



LK 16T
RWY 16 DEPARTURE
TO EAST

Do not overfly central part of city below 4300′ ***(3938′)***.

KESED
N55 16.2 E086 06.5

49

076°

NATIR
N55 11.8
E084 41.8

11

079°

TOGNA
N55 11.4
E084 22.8

41

087°

LOKPI
N55 16.2 E083 11.7

31

034°

NOVOSIBIRSK
113.3 NSK
N55 00.8 E082 38.4

2.1 DME

N
NOT TO SCALE

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4300′	***(3938′ - 1200m)***
4640′	***(4278′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: SIDs completely revised.

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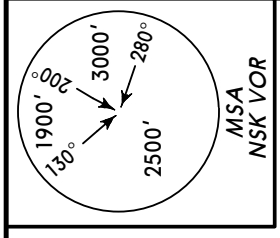
UNNT/OVB TOLMACHEVO

JEPPESEN 25 JUN 10 (10-3F) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

SID

Apt Elev 368′	QNH on request **(QFE)** Trans level: FL59 Trans alt: 4640′ ***(4278′)***



AL 16T, BO 16T, EB 16T, MN 16T
NR 16R, NR 16T, OP 16T, PL 16T
RWY 16 DEPARTURES
TO SOUTH

Do not overfly central part of city below 4300′ ***(3938′)***.

NOVOSIBIRSK 113.3 NSK N55 00.8 E082 38.4

MATVEYEVSKY 816 EB N54 56.0 E083 05.0

RILTO N54 55.4 E082 48.6

ARMAK N54 41.2 E082 51.8 (NSK R-150/D21.1)

MANUM N54 32.9 E084 09.6

SAMBA N54 14.0 E085 23.0

IPLEN N54 05.5 E083 43.3

NOVOLOKTI 750 NR N54 23.0 E082 56.0

BAROV N54 40.0 E082 37.0

ALIRO N54 02.0 E082 18.5

ORPAS N54 01.9 E081 48.7

2.1 DME

107° BO 16T 21

153° NR 16T

087° 102° 10

EB 16T 19

106° 138° 164° 15

MN 16T 52

104° 47

PL 16T 59

NR 16R 18

164° 198° 215°

AL 16T 44

OP 16T 54

N

NOT TO SCALE

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4300′	***(3938′ - 1200m)***
4640′	***(4278′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: New chart.

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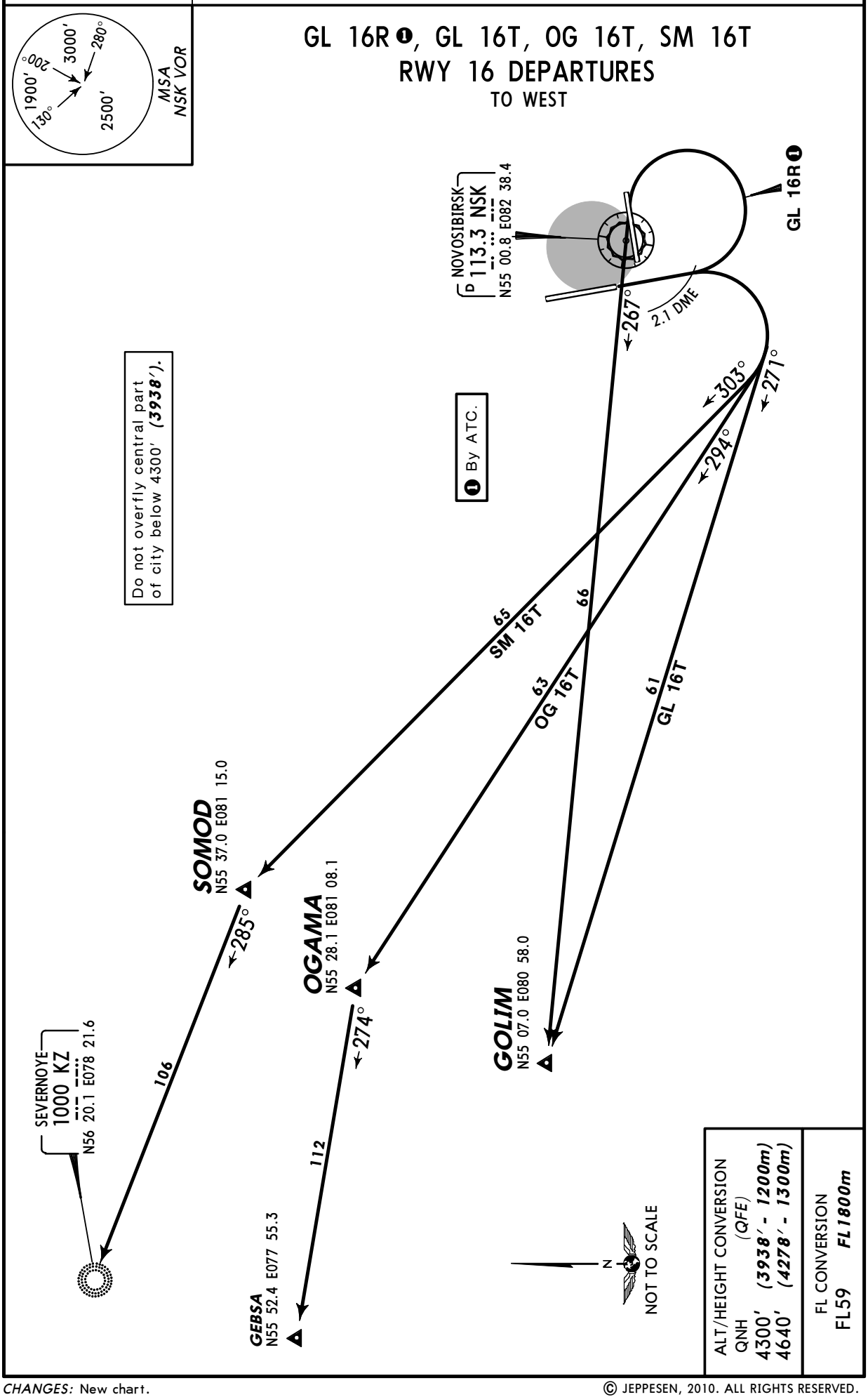
UNNT/OVB
TOLMACHEVO

JEPPESEN
25 JUN 10 (10-3G) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
SID

Apt Elev	QNH on request **(QFE)**
368′	Trans level: FL59 Trans alt: 4640′ *(4278′)*



CHANGES: New chart.

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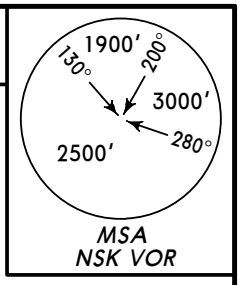
JeppView 3.7.4.0

UNNT/OVB
TOLMACHEVO

JEPPESEN
25 JUN 10 (10-3H) Eff 1 Jul

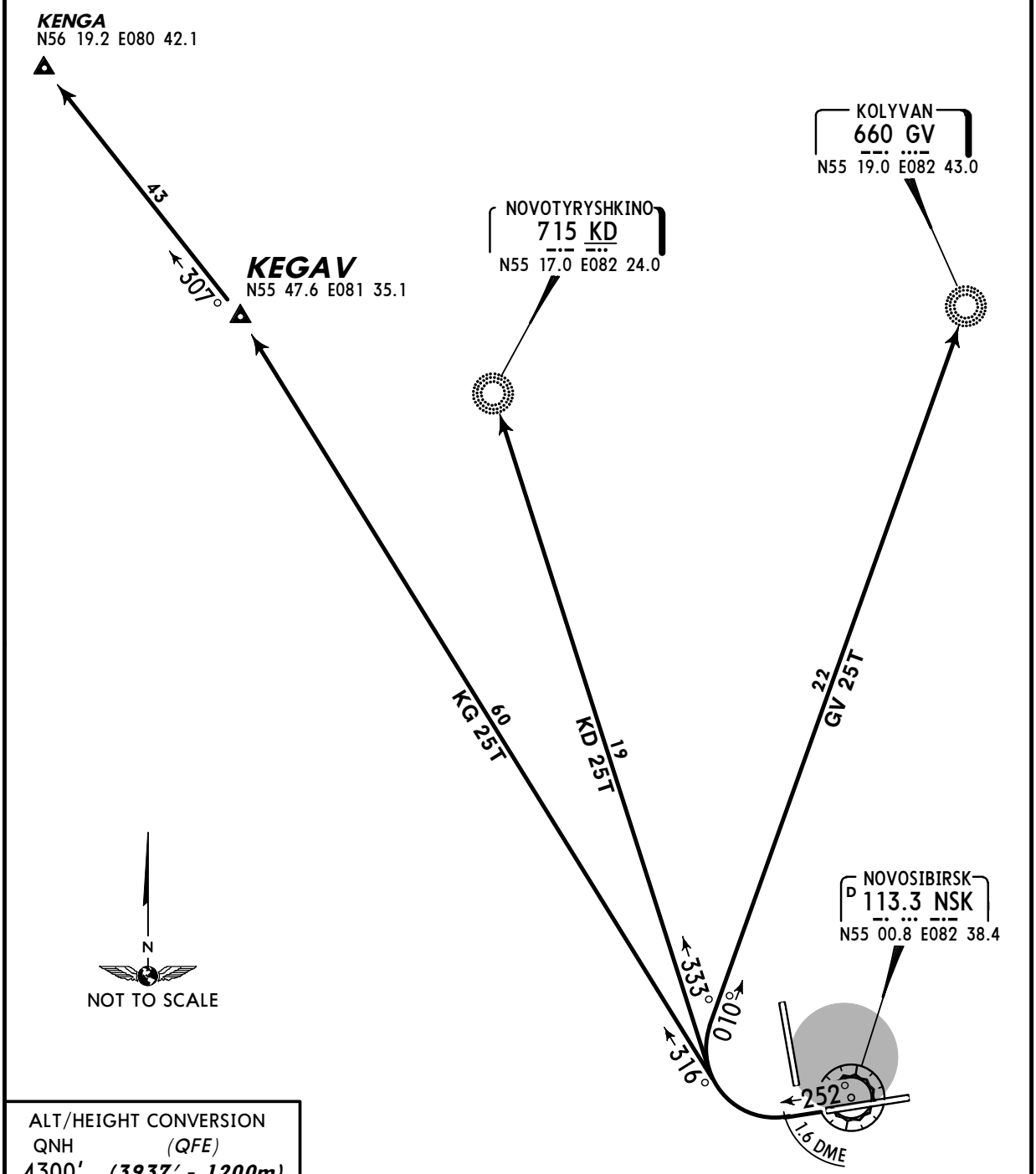
NOVOSIBIRSK, RUSSIA
SID

Apt Elev	QNH on request **(QFE)**
368′	Trans level: FL59 Trans alt: 4640′ ***(4277′)***



GV 25T, KD 25T, KG 25T
RWY 25 DEPARTURES
TO NORTH

Do not overfly central part of city below 4300′ ***(3937′).***



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4300′	***(3937′ - 1200m)***
4640′	***(4277′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: New chart.

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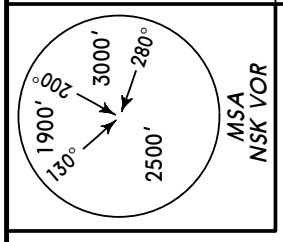
UNNT/OVB
TOLMACHEVO

JEPPESEN 25 JUN 10 (10-3J) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
SID

Apt Elev
368′

QNH on request **(QFE)**
Trans level: FL59 Trans alt: 4640′ ***(4277′)***



LK 25T, PG 25T
RWY 25 DEPARTURES
TO EAST

Do not overfly central part of city below 4300′ ***(3937′)***.

KESED
N55 16.2 E086 06.5

49

076°

NATIR
N55 11.8
E084 41.8

11

079°

TOGNA
N55 11.4
E084 22.8

41

087°

LOKPI
N55 16.2 E083 11.7

30 LK 25T

16 PG 25T

ZAYELTSOVSKIY
860 PG
N55 04.7 E082 53.7

At or above
4300′ ***(3937′)***

NOVOSIBIRSK
113.3 NSK
N55 00.8 E082 38.4

073°

049°

252°

1.6 DME

N

NOT TO SCALE

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4300′	***(3937′ - 1200m)***
4640′	***(4277′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: New chart.

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UNNT/OVB TOLMACHEVO

JEPPESEN 25 JUN 10 (10-3K) Eff 1 Jul

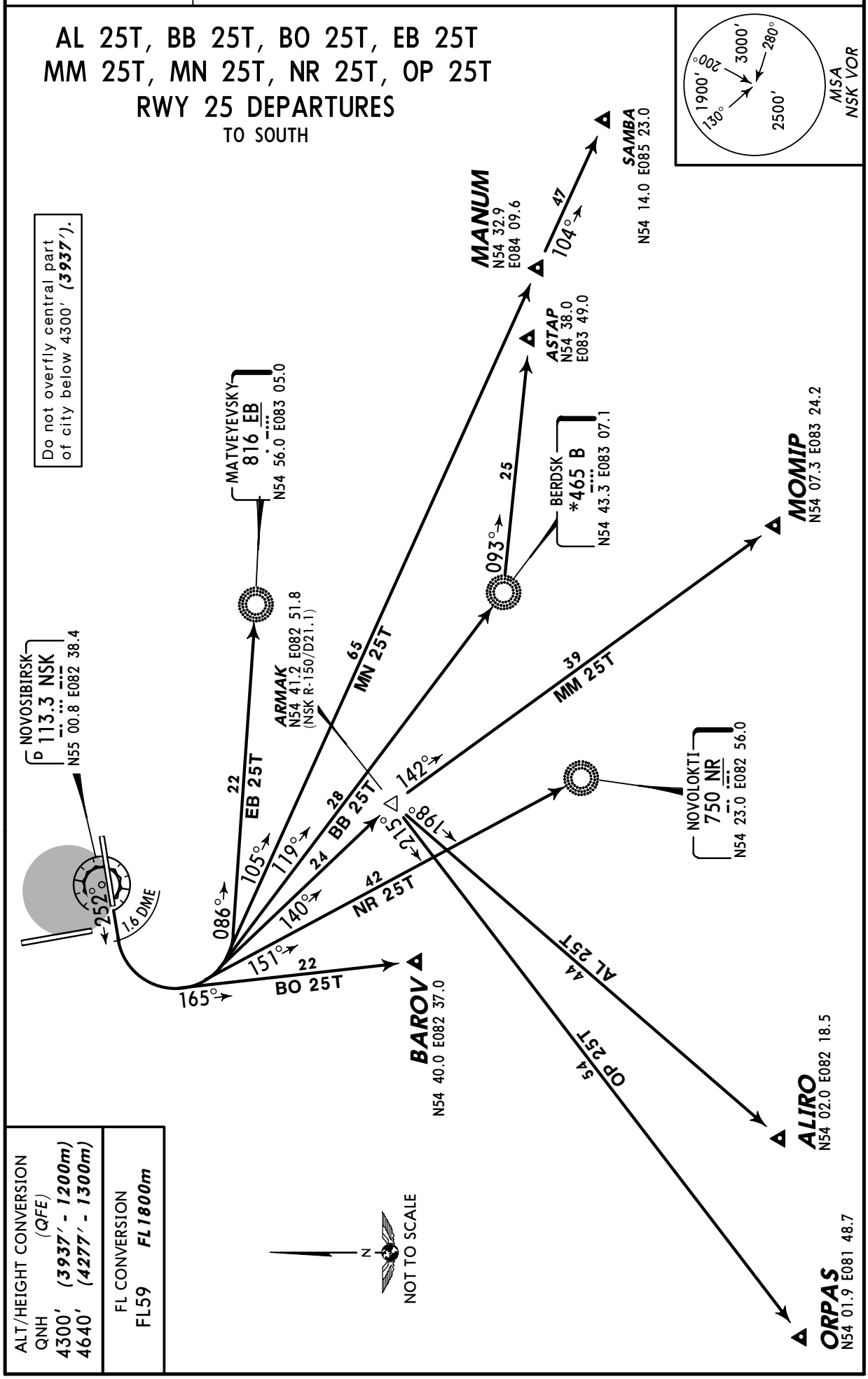
NOVOSIBIRSK, RUSSIA

SID

Apt Elev	QNH on request **(QFE)**
368′	Trans level: FL59 Trans alt: 4640′ *(4277′)*

AL 25T, BB 25T, BO 25T, EB 25T MM 25T, MN 25T, NR 25T, OP 25T RWY 25 DEPARTURES

TO SOUTH



ALT/HEIGHT CONVERSION (QFE)	
QNH	
4300′	*(3937′ - 1200m)*
4640′	*(4277′ - 1300m)*

FL CONVERSION
FL59 *FL1800m*

CHANGES: New chart.

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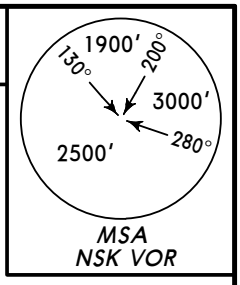
UNNT/OVB
TOLMACHEVO

JEPPESEN
25 JUN 10 (10-3L) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
SID

Apt Elev	QNH on request **(QFE)**
368′	Trans level: FL59 Trans alt: 4640′ ***(4277′)***



GL 25T, IB 25T, SM 25T
RWY 25 DEPARTURES
TO WEST

Do not overfly central part of city below 4300′ ***(3937′).***

SOMOD
N55 37.0 E081 15.0

106
285°

SEVERNOYE
1000 KZ
N56 20.1 E078 21.6

60
SM 25T

NOVOSIBIRSK
D 113.3 NSK
N55 00.8 E082 38.4

GOLIM
N55 07.0 E080 58.0

58
GL 25T

300°
252°
269°
12
1.6 DME
4.9 DME

KONEM
N54 58.6 E082 16.8
(NSK R-251/D12.6)

198°

GL 25T
Turn at
NSK 4.9 DME

SM 25T
Turn at
NSK 1.6 DME

19
IB 25T

IBOLA
N54 42.0 E082 02.0

182°
157°

41
41

N
NOT TO SCALE

ORPAS
N54 01.9 E081 48.7

ALIRO
N54 02.0 E082 18.5

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4300′	***(3937′ - 1200m)***
4640′	***(4277′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: New chart.

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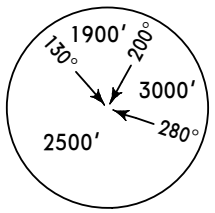
UNNT/OVB
TOLMACHEVO

JEPPESEN
25 JUN 10 (10-3M) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
SID

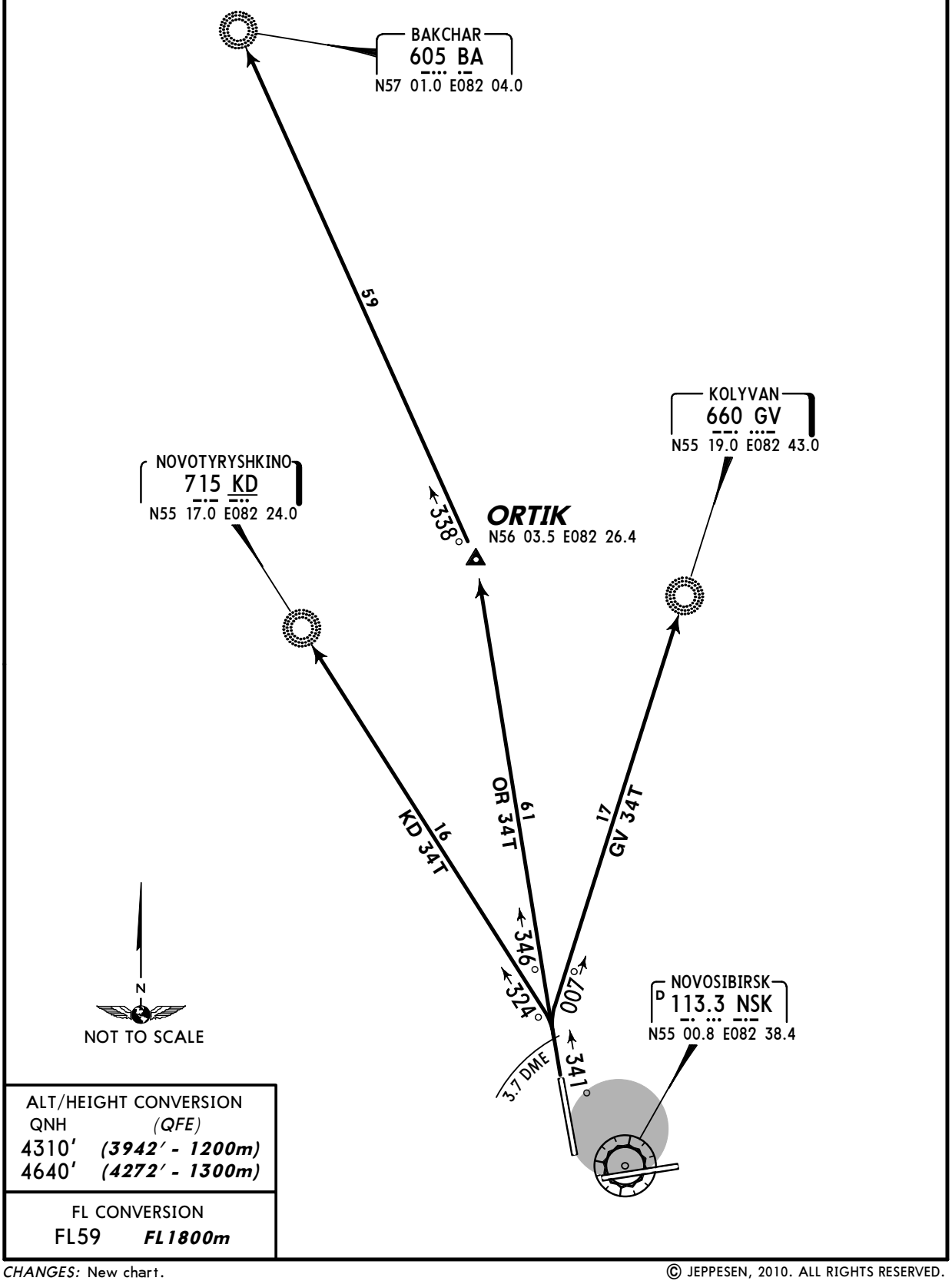
Apt Elev	QNH on request **(QFE)**
368′	Trans level: FL59 Trans alt: 4640′ ***(4272′)***

GV 34T, KD 34T, OR 34T
RWY 34 DEPARTURES
TO NORTH



MSA
NSK VOR

Do not overfly central part of city below 4310′ ***(3942′).***



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4310′	***(3942′ - 1200m)***
4640′	***(4272′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: New chart.

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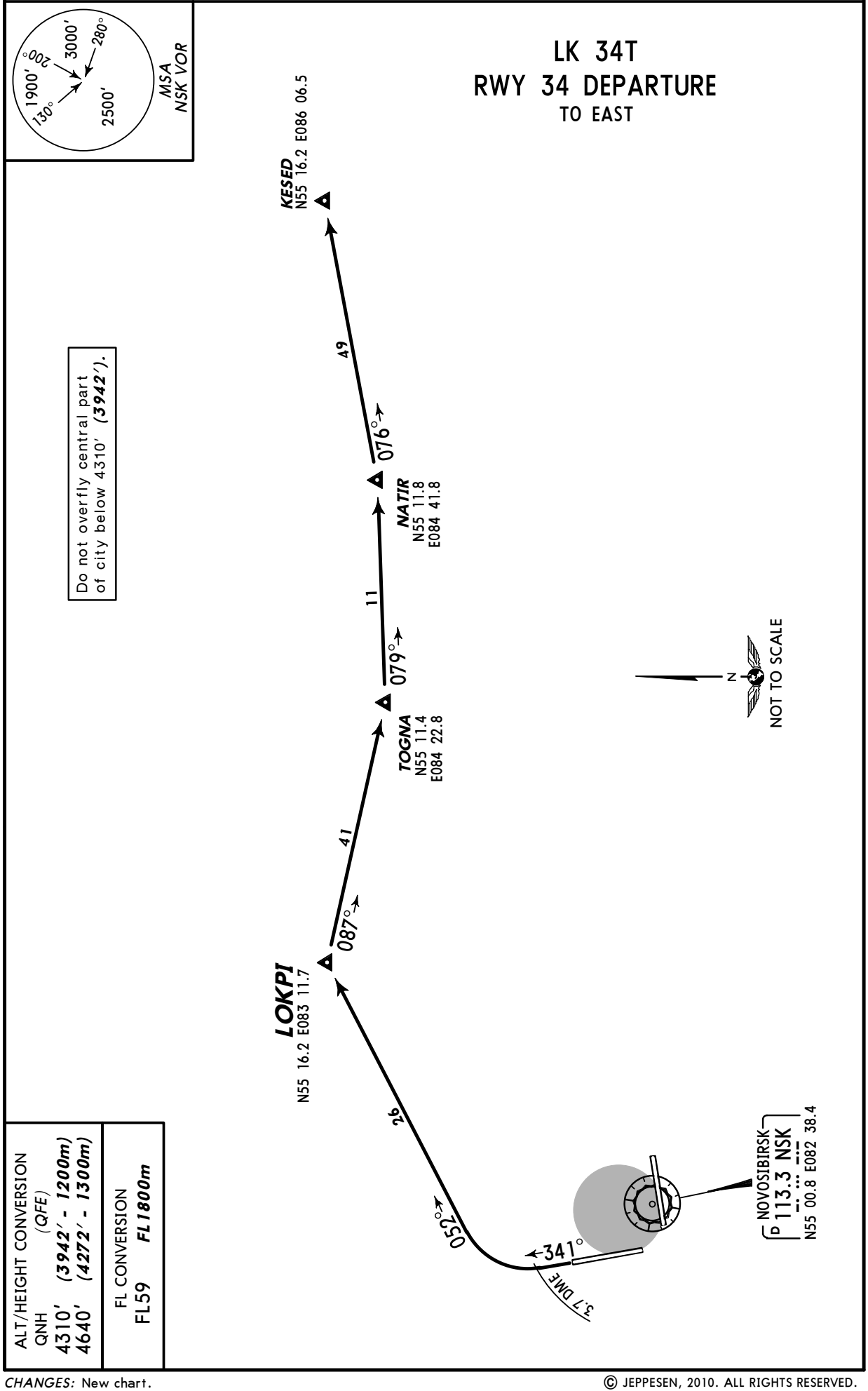
UNNT/OVB
TOLMACHEVO

JEPPESEN 25 JUN 10 (10-3N) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
SID

Apt Elev
368′

QNH on request **(QFE)**
Trans level: FL59 Trans alt: 4640′ ***(4272′)***



ALT/HEIGHT CONVERSION (QFE)	
QNH	
4310′	***(3942′ - 1200m)***
4640′	***(4272′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: New chart.

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UNNT/OVB TOLMACHEVO

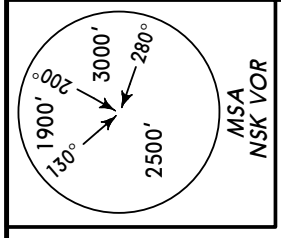
JEPPESEN 25 JUN 10 (10-3P) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

SID

Apt Elev 368′

QNH on request **(QFE)**
Trans level: FL59 Trans alt: 4640′ ***(4272′)***



AL 34T, BO 34T, EB 34T, MN 34T
NR 34T, OP 34T, PL 34T
RWY 34 DEPARTURES
TO SOUTH

Do not overfly central part of city below 4310′ ***(3942′)***.

MATVEYEVSKY 816 EB N54 56.0 E083 05.0

MANUM N54 32.9 E084 09.6

SAMBA N54 14.0 E085 23.0

IPLEN N54 05.5 E083 43.3

NOVOLOKTI 750 NR N54 23.0 E082 56.0

RILTO N54 55.4 E082 48.6 (NSK R-124/D8)

ARMAK N54 41.2 E082 51.8 (NSK R-150/D21.1)

BAROV N54 40.0 E082 37.0

ALIRO N54 02.0 E082 18.5

ORPAS N54 01.9 E081 48.7

NOVOSIBIRSK D 113.3 NSK N55 00.8 E082 38.4

22 EB 34T
52 MN 34T
59 PL 34T
18 NR 34T
15
16 AL 34T, MN 34T NR 34T, OR 34T PL 34T
31 BO 34T
44 AL 34T
54 OP 34T
47
106° 138° 164° 144° 113° 176° 341° 3.7 DME 164° 198° 215° 104°

NOT TO SCALE

ALT/HEIGHT CONVERSION (QFE)	
QNH	
4310′	***(3942′ - 1200m)***
4640′	***(4272′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***

CHANGES: New chart.

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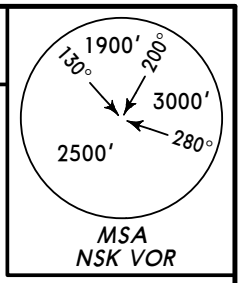
UNNT/OVB TOLMACHEVO

JEPPESEN
25 JUN 10 (10-3Q) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

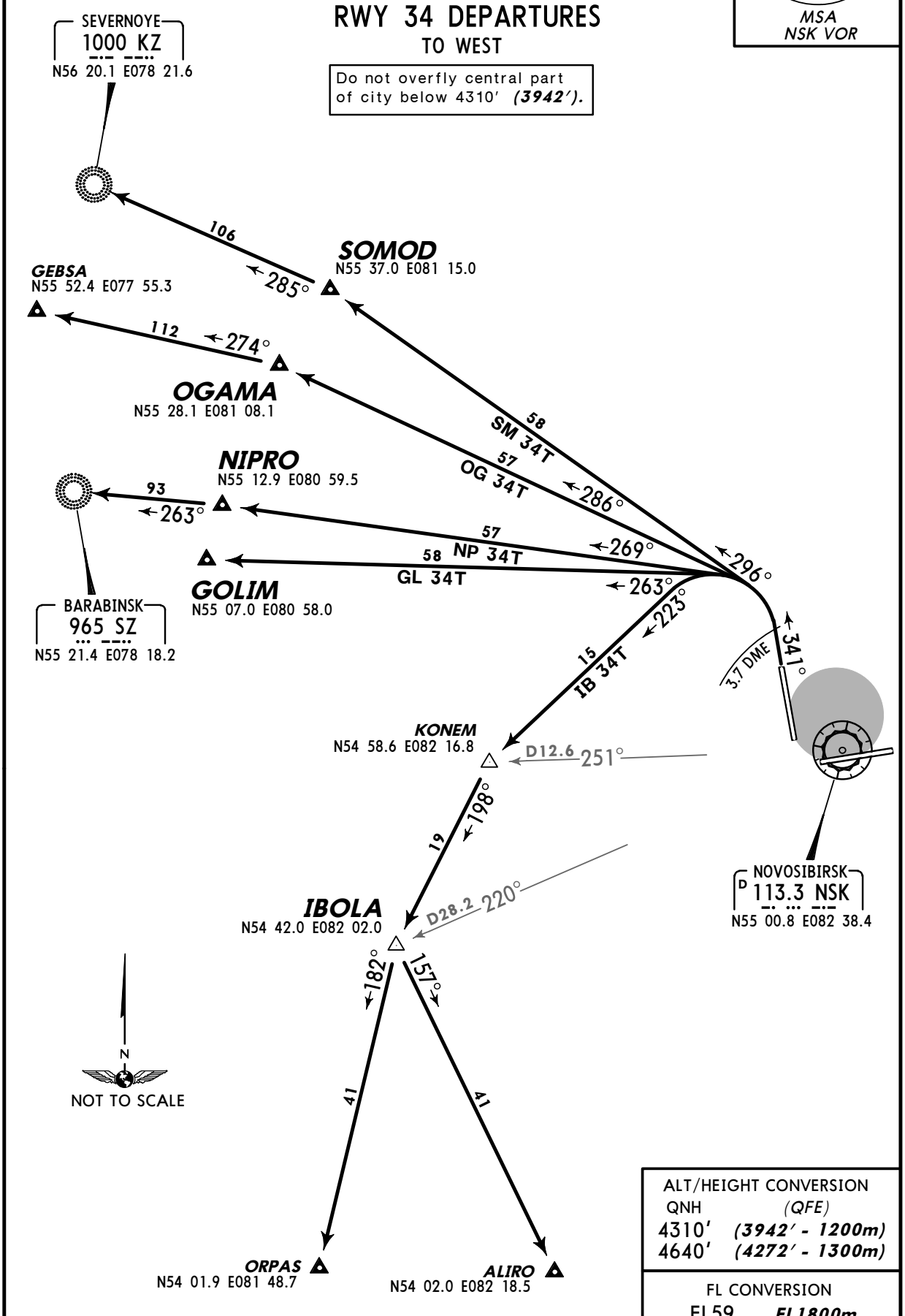
SID

Apt Elev	QNH on request (QFE)
368′	Trans level: FL59 Trans alt: 4640′ *(4272′)*



GL 34T, IB 34T, NP 34T
OG 34T, SM 34T
RWY 34 DEPARTURES
TO WEST

Do not overfly central part of city below 4310′ *(3942′).*



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
4310′	*(3942′ - 1200m)*
4640′	*(4272′ - 1300m)*

FL CONVERSION	
FL59	*FL1800m*

CHANGES: New chart.

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JeppView 3.7.4.0

UNNT/OVB TOLMACHEVO

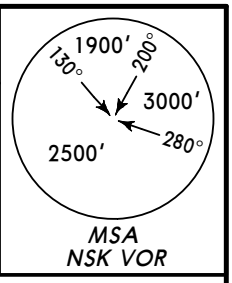
JEPPESEN

25 JUN 10 (10-3S) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

SID

Apt Elev	QNH on request (QFE)
368′	Trans level: FL59 Trans alt: 4640′ *(4277′)*



EB 25L, EB 25M, EB 25R
MM 25L, MM 25M, MM 25R
MN 25L, MN 25M, MN 25R
PL 25L, PL 25M, PL 25R
RWY 25 DEPARTURES

BY ATC
TO SOUTHEAST

Do not overfly central part of city below 4300′ *(3937′)*.

NOVOTYRYSHKINO
715 KD
N55 17.0 E082 24.0

29
145°
EB 25L, MM 25L
MN 25L, PL 25L

EB 25M, MM 25M
MN 25M, PL 25M

17
135°

EB 25R, MM 25R
MN 25R, PL 25R

At 3650′ *(3287′)*

EB 25M
MM 25M
MN 25M
PL 25M
Turn at or above 1680′ *(1317′)*

102°
11
333°
252°
1.6 DME

MATVEYEVSKY
816 EB
N54 56.0 E083 05.0

105°
13
EB 25L, 25M, 25R

159°
110°
139°
MN 25L, 25M, 25R
57

NOVOSIBIRSK
D 113.3 NSK
N55 00.8 E082 38.4

*310 KT
N55 01.2 E082 44.5

MANUM
N54 32.9 E084 09.6

47
104°
SAMBA
N54 14.0 E085 23.0

MM 25L, 25M, 25R
59

PL 25L, 25M, 25R
65

MOMIP
N54 07.3 E083 24.2

IPLEN
N54 05.5 E083 43.3

N
NOT TO SCALE

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
1680′	*(1317′ - 400m)*
3650′	*(3287′ - 1000m)*
4300′	*(3937′ - 1200m)*
4640′	*(4277′ - 1300m)*

FL CONVERSION

FL59 *FL1800m*

CHANGES: New chart.

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UNNT/OVB TOLMACHEVO

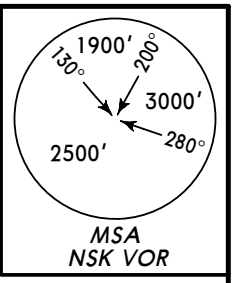
JEPPESEN

25 JUN 10 (10-3T) Eff 1 Jul

NOVOSIBIRSK, RUSSIA

SID

Apt Elev	QNH on request **(QFE)**
368′	Trans level: FL59 Trans alt: 4640′ ***(4277′)***



AL 25L, AL 25M, AL 25R
BO 25L, BO 25M, BO 25R
NR 25L, NR 25M, NR 25R
OP 25L, OP 25M, OP 25R
RWY 25 DEPARTURES

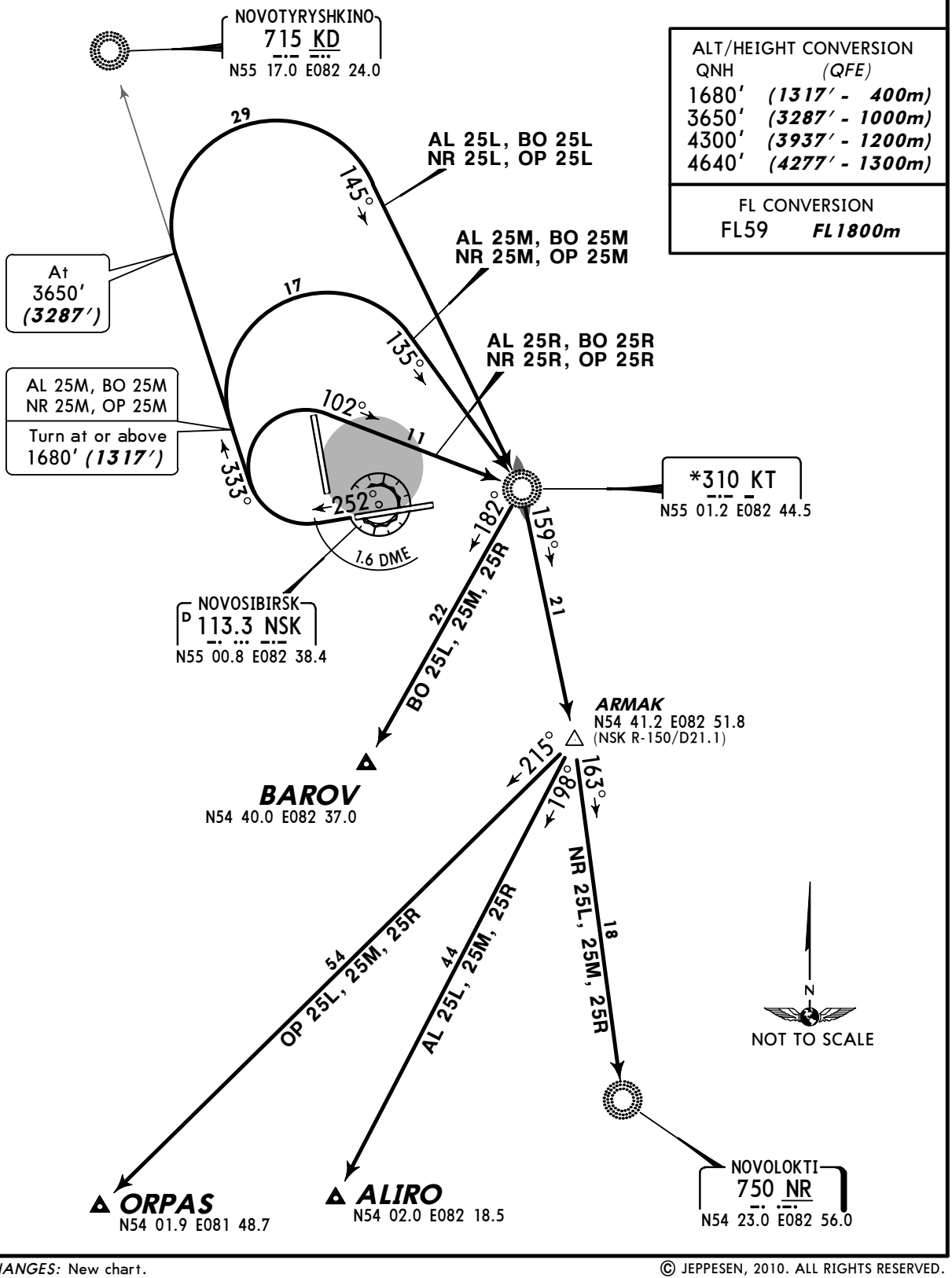
BY ATC

TO SOUTHWEST

Do not overfly central part of city below 4300′ ***(3937′).***

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1680′	***(1317′ - 400m)***
3650′	***(3287′ - 1000m)***
4300′	***(3937′ - 1200m)***
4640′	***(4277′ - 1300m)***

FL CONVERSION	
FL59	***FL1800m***



CHANGES: New chart.

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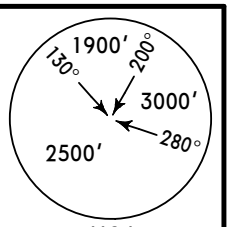
UNNT/OVB
TOLMACHEVO

JEPPESEN
25 JUN 10 (10-3U) Eff 1 Jul

NOVOSIBIRSK, RUSSIA
SID

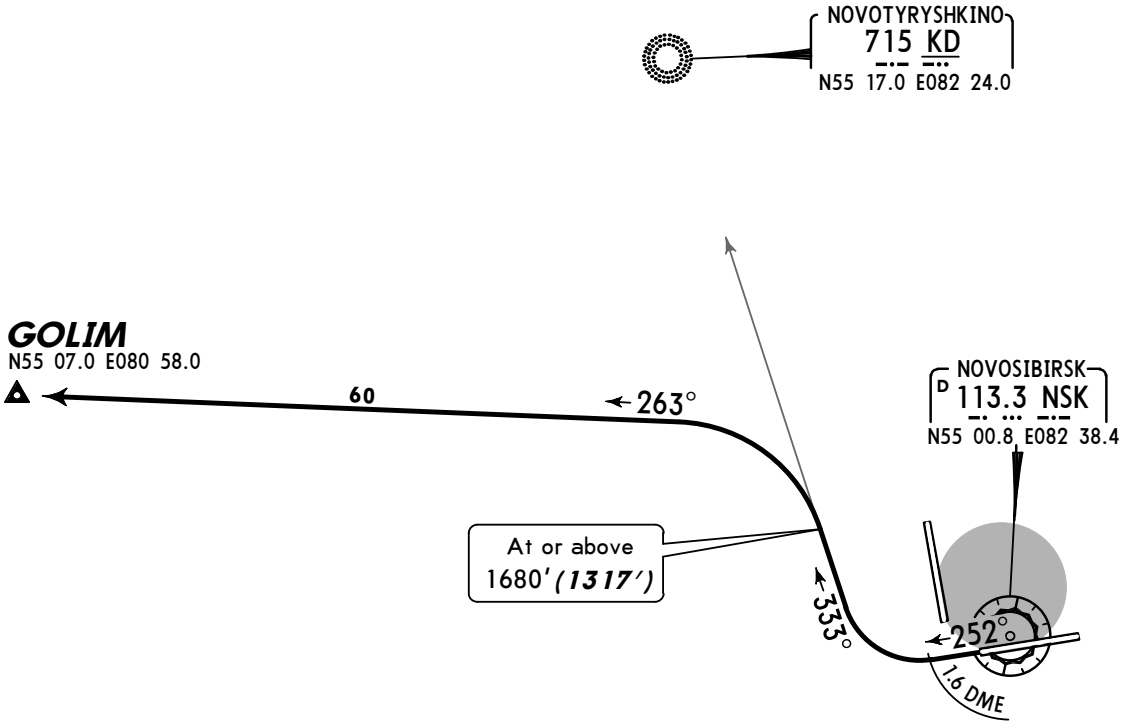
Apt Elev	QNH on request **(QFE)**
368′	Trans level: FL59 Trans alt: 4640′ ***(4277′)***



MSA
NSK VOR

GL 25R
RWY 25 DEPARTURE
BY ATC
TO WEST

Do not overfly central part of city below 4300′ ***(3937′).***



NOT TO SCALE

ALT/HEIGHT CONVERSION

QNH	(QFE)
1680′	***(1317′ - 400m)***
4300′	***(3937′ - 1200m)***
4640′	***(4277′ - 1300m)***

FL CONVERSION

FL59 ***FL1800m***

CHANGES: New chart.

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NOISE ABATEMENT PROCEDURES

GENERAL

Noise abatement procedures shall be executed by crews of all aircraft. Overflying the central part of the city at or below 4310′ (3945′ - 1200m) is prohibited.

ARRIVALS

Runway 07 is noise preferential and shall be used for approach to the greatest extend possible.

Restrictions

Restrictions for cross-wind and tail-wind components are as in accordance with the Airplane Flight Manual for the specified aircraft type. It is allowed to land on runway when friction coefficient is 0.3 or more.
Straight-in approach is allowed on landing heading 072° when transition level has been reached before a distance of 16.2 NM or more.

DEPARTURES

The noise abatement procedures stated below shall not be executed at the expense of reduction of flight safety or in case of engine failiure during take-off.

Restrictions

Restrictions on maximum cross-wind and tail-wind components are as in accordance with the Airplane Flight Manual for the specified aircraft type. It is allowed to take-off from dry and wet runway when friction coefficient is 0.3 or more.

Runway 07 special take-off procedure

During take-off the initial turn shall be carried out at 1.1 NM from departure threshold.

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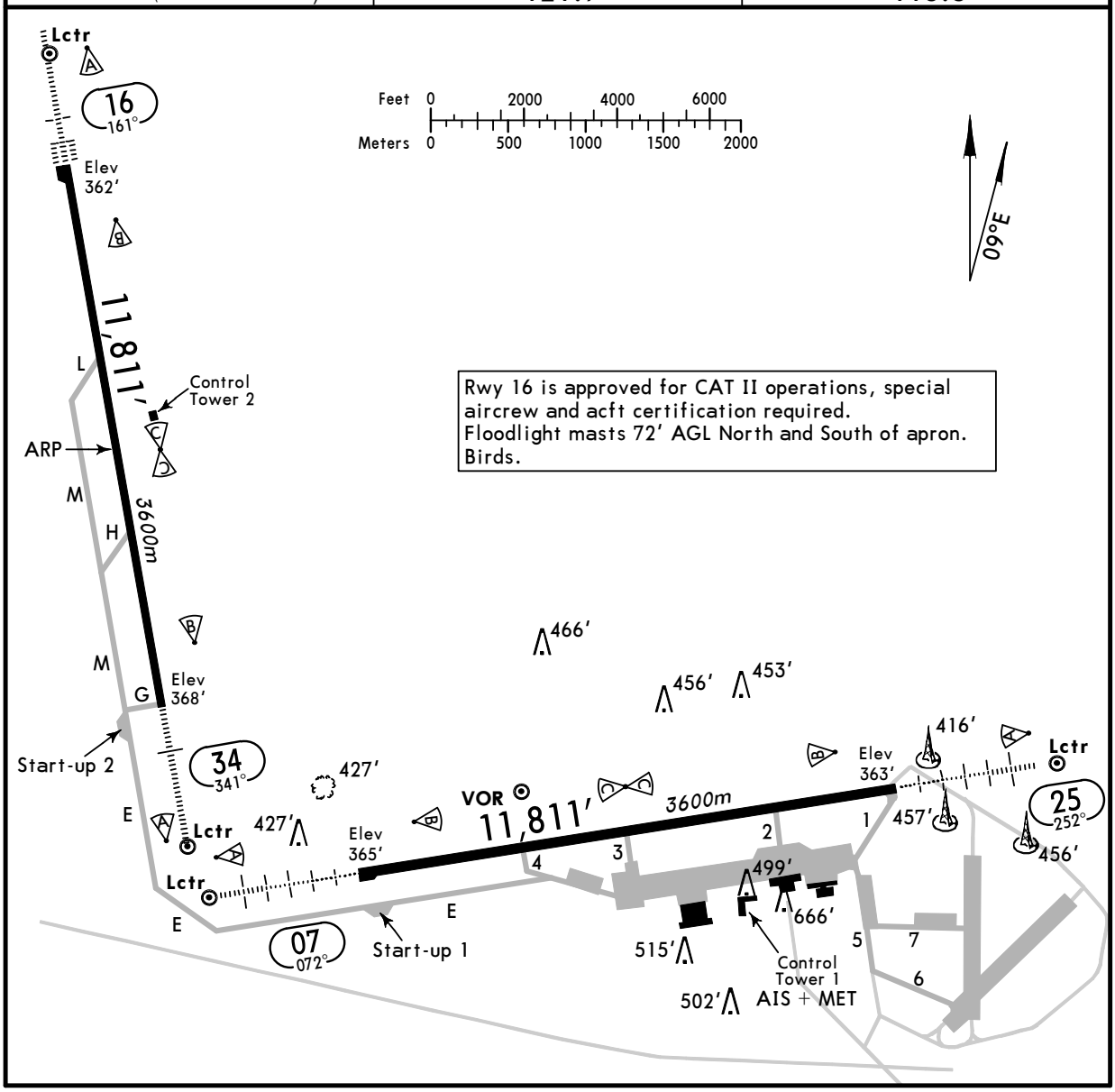
UNNT/OVB

Apt Elev **368′**
N55 02.0 E082 35.9

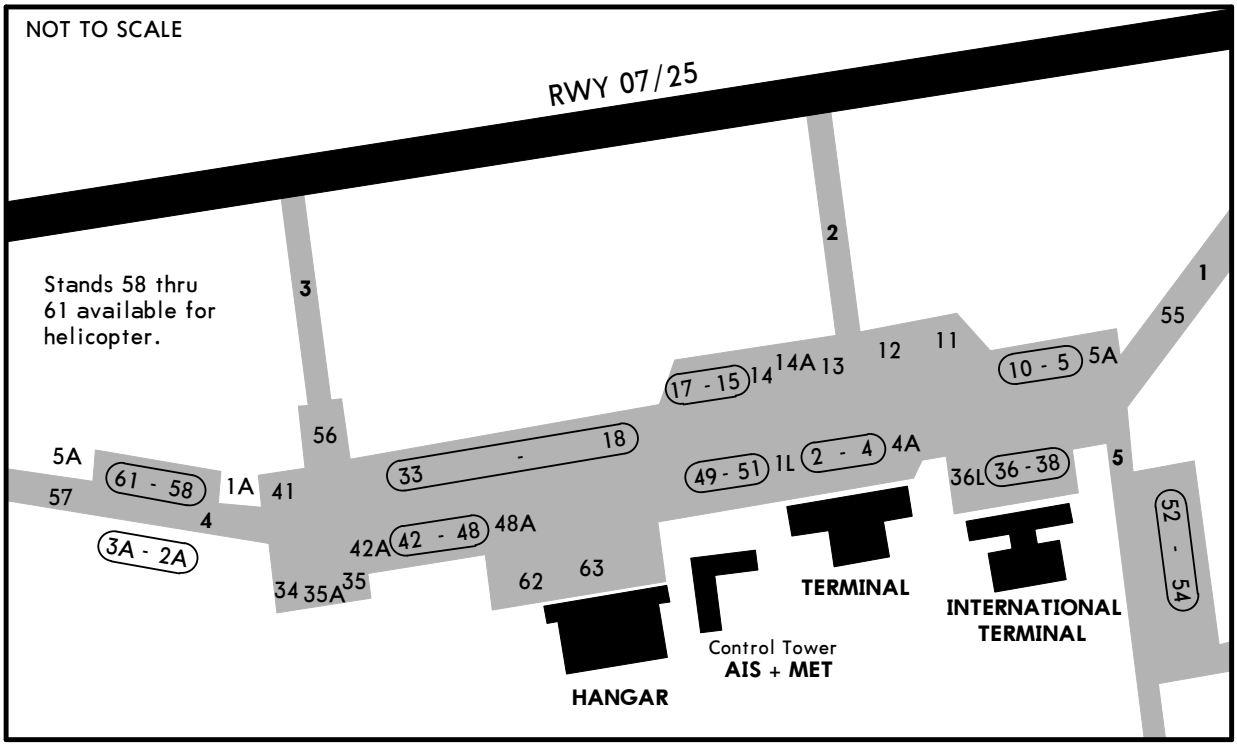
JEPPESEN
29 OCT 10 (10-9)

NOVOSIBIRSK, RUSSIA
TOLMACHEVO

ATIS	NOVOSIBIRSK Taxiing (GND)	Start (TWR)
131.3 (Russian 127.4)	121.7	118.5



Rwy 16 is approved for CAT II operations, special aircrew and acft certification required.
Floodlight masts 72′ AGL North and South of apron.
Birds.



CHANGES: Turning pad.

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ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS LANDING BEYOND Threshold	Glide Slope	TAKE-OFF	WIDTH
07	HIRL *(60m)* HIALS PAPI-L (angle 3.0°) RVR		10,778′ *3285m*	❶	197′ *60m*
25			11,204′ *3415m*		

❶ TAKE-OFF RUN AVAILABLE

RWY 07:
From rwy head 11,483′ (3500m) ❷
twy 4 int 7874′ (2400m)
twy 3 int 5741′ (1750m)

RWY 25:
From rwy head 11,483′ (3500m) ❷
twy 2 int 9022′ (2750m)
twy 3 int 5741′ (1750m)

❷ First 328′/100m unusable for take-off.

16	HIRL *(60m)* CL *(15m)* HIALS-II TDZ PAPI-L (3.0°) RVR		10,657′ *3248m*	11,483′ *3500m*	148′ *45m*
34	HIRL *(60m)* CL *(15m)* HIALS PAPI-L (3.0°) RVR		11,203′ *3415m*	❸	

❸ TAKE-OFF RUN AVAILABLE

RWY 34:
From rwy head 11,483′ (3500m)
twy H int 7546′ (2300m)

TAKE-OFF

	AIR CARRIER (JAA)		
	Rwys 16/34	**All Rwys**	
	LVP must be in force	**LVP must be in force**	
	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	*200m (150m)*	*250m*	*400m*
B			
C			
D	*250m (200m)*	*300m*	

CHANGES: None.

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UNNT/OVB

JEPPESEN
6 AUG 10 10-9S

Standard

NOVOSIBIRSK, RUSSIA
TOLMACHEVO

STRAIGHT-IN RWY		A	B	C	D
07	ILS	**565**′(200′)	**565**′(200′)	**565**′(200′)	**565**′(200′)
	FULL	**R550m**	**R550m**	**R550m**	**R550m**
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED			
	NDB ❶	**700**′(335′)	**700**′(335′)	**700**′(335′)	**700**′(335′)
	with FAF	**R800m**	**R800m**	**R800m**	**R800m**
	ALS out	R1500m	R1500m	R1500m	R1500m
	NDB ❶	**720**′(355′)	**720**′(355′)	**720**′(355′)	**720**′(355′)
	w/o FAF	**R1000m**	**R1000m**	**R1200m**	**R1200m**
	ALS out	R1600m	R1600m	R1600m	R1600m
16	CAT 2 ILS	**462**′(100′)	**462**′(100′)	**462**′(100′)	**462**′(100′)
		RA104′ R300m	**RA104′ R300m**	**RA104′ R300m**	**RA104′ R300m**
	ILS	**562**′(200′)	**562**′(200′)	**562**′(200′)	**562**′(200′)
	FULL	**R550m**	**R550m**	**R550m**	**R550m**
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED			
	NDB ❶	**670**′(308′)	**670**′(308′)	**670**′(308′)	**670**′(308′)
	with FAF	**R750m**	**R750m**	**R750m**	**R750m**
	ALS out	R1400m	R1400m	R1400m	R1400m
	NDB ❶	**720**′(358′)	**720**′(358′)	**720**′(358′)	**720**′(358′)
	w/o FAF	**R1000m**	**R1000m**	**R1200m**	**R1200m**
	ALS out	R1600m	R1600m	R1600m	R1600m
25	ILS	**563**′(200′)	**563**′(200′)	**563**′(200′)	**563**′(200′)
	FULL	**R550m**	**R550m**	**R550m**	**R550m**
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED			
	NDB ❶	**710**′(347′)	**710**′(347′)	**710**′(347′)	**710**′(347′)
	with FAF	**R900m**	**R900m**	**R900m**	**R900m**
	ALS out	R1500m	R1500m	R1600m	R1600m
	NDB	**1300**′(937′)	**1300**′(937′)	**1300**′(937′)	**1300**′(937′)
	w/o FAF	**C3800m**	**C3800m**	**C4000m**	**C4000m**
	ALS out	C4500m	C4500m	C4700m	C4700m
34	ILS	**568**′(200′)	**568**′(200′)	**568**′(200′)	**568**′(200′)
	FULL	**R550m**	**R550m**	**R550m**	**R550m**
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED			
	NDB ❶	**700**′(332′)	**700**′(332′)	**700**′(332′)	**700**′(332′)
	with FAF	**R800m**	**R800m**	**R800m**	**R800m**
	ALS out	R1500m	R1500m	R1500m	R1500m
	NDB ❶	**720**′(352′)	**720**′(352′)	**720**′(352′)	**720**′(352′)
	w/o FAF	**R1000m**	**R1000m**	**R1200m**	**R1200m**
	ALS out	R1600m	R1600m	R1600m	R1600m

❶ Continuous Descent Final Approach.

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TAKE-OFF RWY 07, 16, 25, 34

	Approved Operators HIRL, CL & mult. RVR req	LVP must be in force RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	125m	150m	200m	250m	400m	500m
B						
C						
D	150m	200m	250m	300m		

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UNNT/OVB

JEPPESEN
6 AUG 10 10-9X

JAA MINIMUMS

NOVOSIBIRSK, RUSSIA
TOLMACHEVO

STRAIGHT-IN RWY		A	B	C	D
07	ILS	**565′**(200′)	**565′**(200′)	**565′**(200′)	**565′**(200′)
		R550m	**R550m**	**R550m**	**R550m**
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	**700′**(335′)	**700′**(335′)	**700′**(335′)	**700′**(335′)
	with FAF	**R900m**	**R1000m**	**R1000m**	**R1400m**
	ALS out	R1500m	R1500m	R1800m	R2000m
	NDB	**700′**(335′)	**700′**(335′)	**700′**(335′)	**700′**(335′)
	w/o FAF	**R900m**	**R1000m**	**R1000m**	**R1400m**
	ALS out	R1500m	R1500m	R1800m	R2000m
16	CAT 2 ILS	**462′**(100′)	**462′**(100′)	**462′**(100′)	**462′**(100′)
		RA104′ R300m	**RA104′ R300m**	**RA104′ R300m**	**RA104′ R300m**
	ILS	**562′**(200′)	**562′**(200′)	**562′**(200′)	**562′**(200′)
		R550m	**R550m**	**R550m**	**R550m**
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	**670′**(308′)	**670′**(308′)	**670′**(308′)	**670′**(308′)
	with FAF	**R900m**	**R1000m**	**R1000m**	**R1400m**
	ALS out	R1500m	R1500m	R1800m	R2000m
	NDB	**670′**(308′)	**670′**(308′)	**670′**(308′)	**670′**(308′)
	w/o FAF	**R900m**	**R1000m**	**R1000m**	**R1400m**
	ALS out	R1500m	R1500m	R1800m	R2000m
25	ILS	**563′**(200′)	**563′**(200′)	**563′**(200′)	**563′**(200′)
		R550m	**R550m**	**R550m**	**R550m**
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	**710′**(347′)	**710′**(347′)	**710′**(347′)	**710′**(347′)
	with FAF	**R900m**	**R1000m**	**R1000m**	**R1400m**
	ALS out	R1500m	R1500m	R1800m	R2000m
	NDB	**1300′**(937′)	**1300′**(937′)	**1300′**(937′)	**1300′**(937′)
	w/o FAF	**R1200m**	**R1400m**	**R1400m**	**R1800m**
	ALS out	R1500m	R1500m	R2000m	R2000m
34	ILS	**568′**(200′)	**568′**(200′)	**568′**(200′)	**568′**(200′)
		R550m	**R550m**	**R550m**	**R550m**
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	**700′**(332′)	**700′**(332′)	**700′**(332′)	**700′**(332′)
	with FAF	**R900m**	**R1000m**	**R1000m**	**R1400m**
	ALS out	R1500m	R1500m	R1800m	R2000m
	NDB	**700′**(332′)	**700′**(332′)	**700′**(332′)	**700′**(332′)
	w/o FAF	**R900m**	**R1000m**	**R1000m**	**R1400m**
	ALS out	R1500m	R1500m	R1800m	R2000m

CHANGES: Minimums.

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TAKE-OFF RWY 07, 25

	LVP must be in Force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

TAKE-OFF RWY 16, 34

	Approved Operators	LVP must be in force				
	HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	125m	150m	200m	250m	400m	500m
B						
C						
D	150m	200m	250m	300m		

CHANGES: None.

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UNNT/OVB TOLMACHEVO

JEPPESEN 17 SEP 10 (11-1) Eff 23 Sep

NOVOSIBIRSK, RUSSIA ILS or 2 NDB Rwy 07

ATIS	NOVOSIBIRSK Approach	NOVOSIBIRSK Krug (APP/RDR)	NOVOSIBIRSK Start (TWR)	Ground
131.3 (Russian 127.4)	127.5	122.0	118.5	121.7

BRIEFING STRIP ™

LOC IRO 110.1	Final Apch Crs 072°	GS LOM 1103′ (738′)	ILS DA(H) 565′ (200′)	Apt Elev 368′
NDB RO 310		Minimum Alt D5.6 NSK 2010′ (1645′)	NDB MDA(H) (CONDITIONAL) 700′ (335′)	RWY 365′

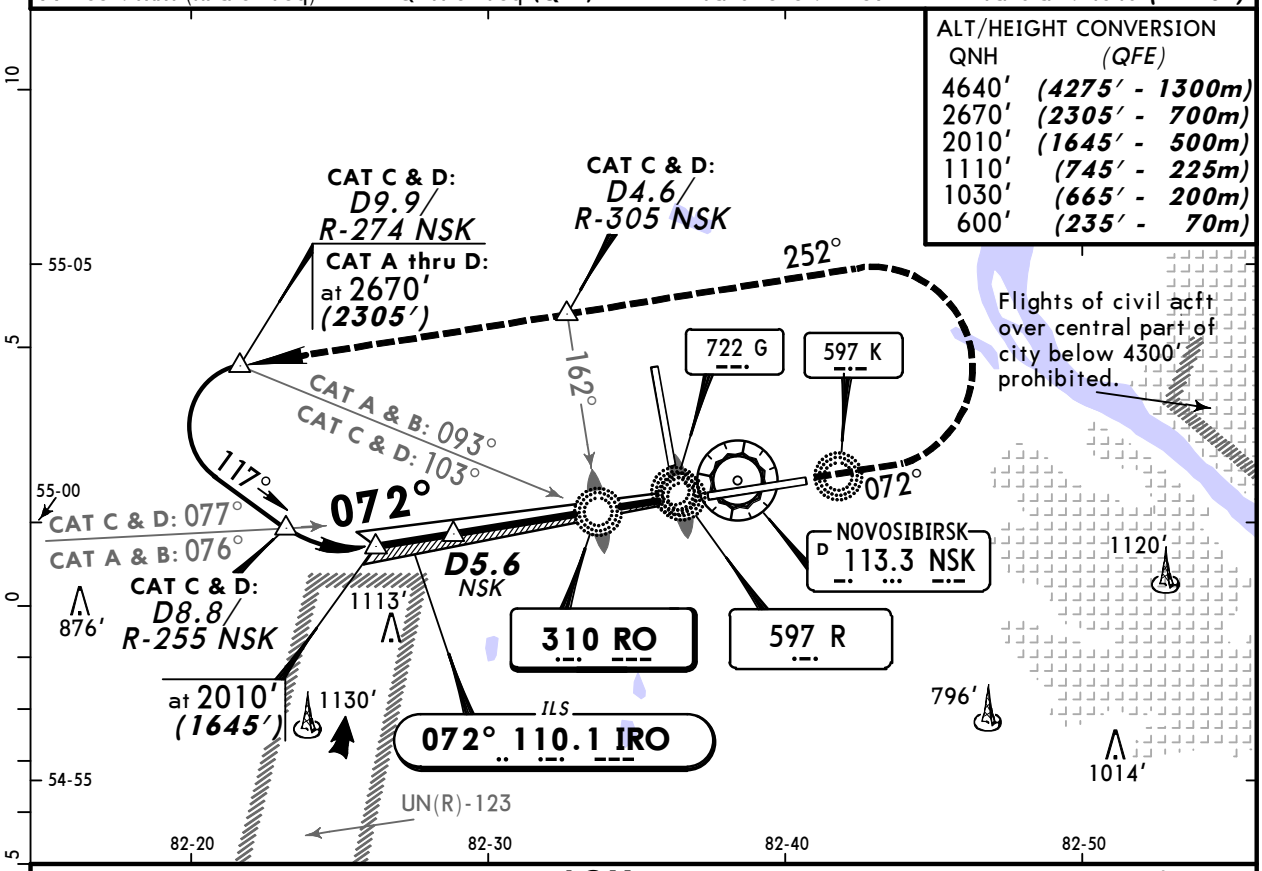
MISSED APCH: Climb on 072° to 1030′ (665′), then turn LEFT onto 252° climbing to 2670′ (2305′), then according to chart, or as directed.

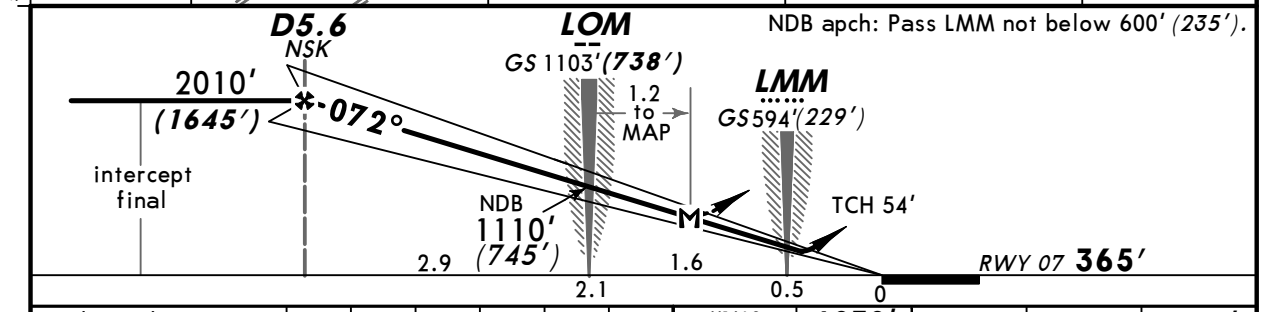
MSA NSK VOR: 130° 1900′; 200° 3000′; 280° 2500′

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 Trans alt: 4640′ (4275′)

ALT/HEIGHT CONVERSION

QNH	(QFE)
4640′	(4275′ - 1300m)
2670′	(2305′ - 700m)
2010′	(1645′ - 500m)
1110′	(745′ - 225m)
1030′	(665′ - 200m)
600′	(235′ - 70m)





Gnd speed-Kts		70	90	100	120	140	160
ILS GS or NDB Desc angle	3.00°	377	484	538	646	753	861
FAF to MAP	4.1	3:31	2:44	2:28	2:03	1:45	1:32

HIALS PAPI

1030′ (665′) on 072° | 252° LT | 2670′ (2305′)

STRAIGHT-IN LANDING RWY 07

PANS OPS

	ILS DA(H) 565′ (200′) FULL	ILS DA(H) 565′ (200′) ALS out	LOC (GS out)	NDB With FAF MDA(H) 700′ (335′)	NDB With FAF MDA(H) 700′ (335′) ALS out	NDB W/o FAF MDA(H) 720′ (355′)	NDB W/o FAF MDA(H) 720′ (355′) ALS out
A	RVR 720m VIS 800m	1200m	NOT AUTH	1200m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m
B							
C							
D				RVR 1500m VIS 1600m		RVR 1500m VIS 1600m	RVR 1800m VIS 2000m

CHANGES: Procedure.

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UNNT/OVB TOLMACHEVO

JEPPESEN
17 SEP 10
Eff 23 Sep
(11-2)

NOVOSIBIRSK, RUSSIA
ILS DME or 2 NDB Rwy 16

BRIEFING STRIP ™

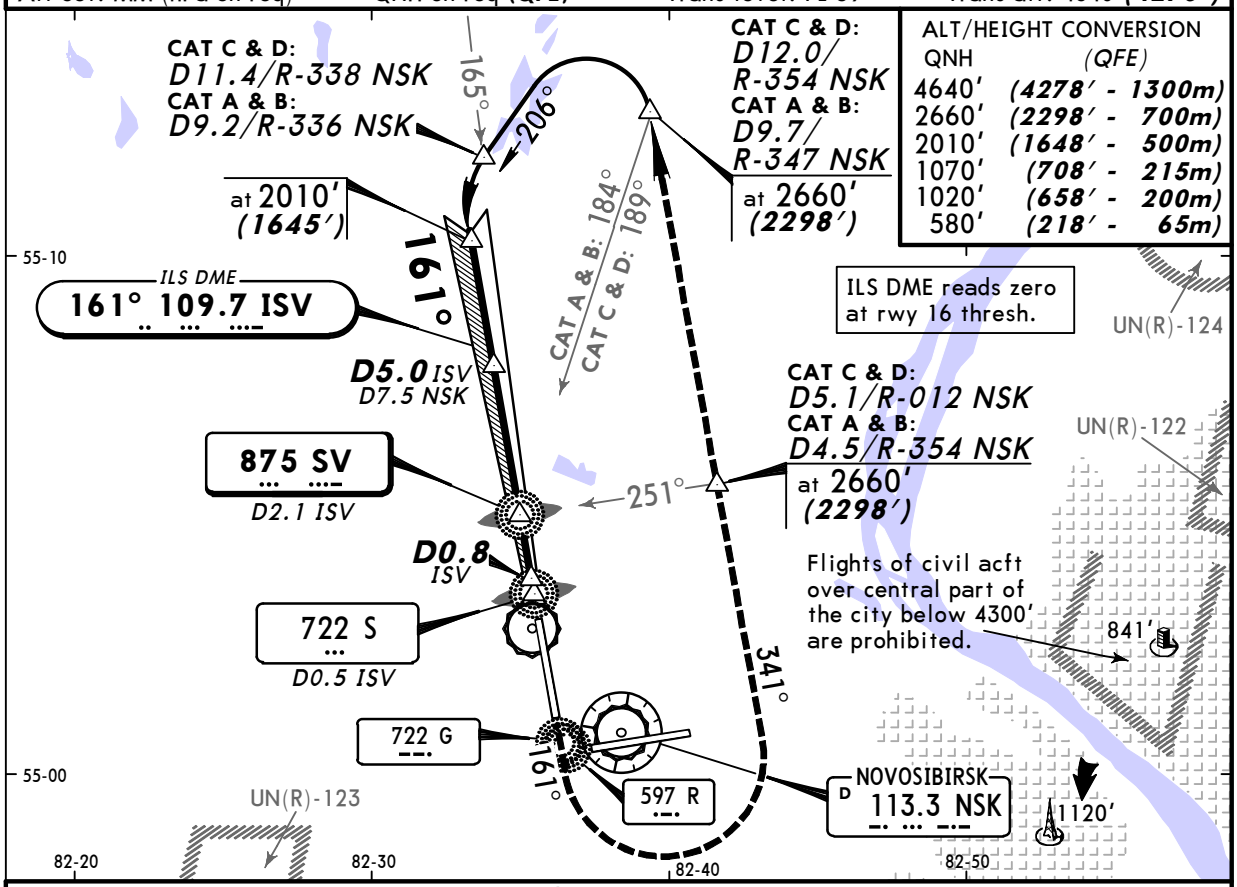
ATIS	NOVOSIBIRSK Approach	NOVOSIBIRSK Krug (APP/RDR)	NOVOSIBIRSK Start (TWR)	Ground
131.3 (Russian 127.4)	127.5	122.0	118.5	121.7

LOC ISV	Final Apch Crs	GS LOM	ILS DA(H)	Apt Elev 368'
109.7	161°	1067' (705')	562' (200')	RWY 362'
NDB SV		Minimum Alt D5.0 ISV	NDB MDA(H) (CONDITIONAL)	
875		2010' (1648')	670' (308')	

MISSED APCH: Climb on 161° to 1020' (658'), then turn LEFT onto 341° climbing to 2660' (2298'), then according to chart or as directed.

MSA NSK VOR: 1900' (130°–200°), 3000' (200°–280°), 2500' (280°–130°)

Alt Set: MM (hPa on req) | QNH on req (QFE) | Trans level: FL 59 | Trans alt: 4640' (4278')

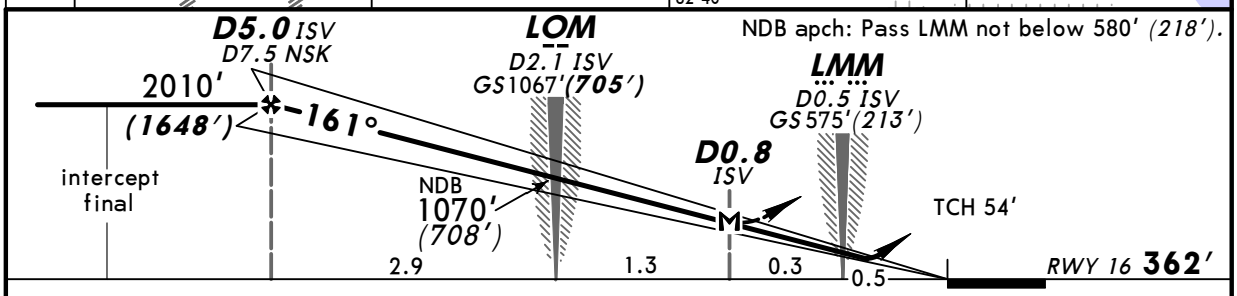


ALT/HEIGHT CONVERSION

QNH	(QFE)
4640'	(4278' - 1300m)
2660'	(2298' - 700m)
2010'	(1648' - 500m)
1070'	(708' - 215m)
1020'	(658' - 200m)
580'	(218' - 65m)

ILS DME reads zero at rwy 16 thresh.

Flights of civil acft over central part of the city below 4300' are prohibited.



NDB apch: Pass LMM not below 580' (218').

Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Desc angle 3.00°	377	484	538	646	753	861
MAP at D0.8 ISV						

HIALS-II
PAPI

1020' (658') on 161°

341° LT

2660' (2298')

STRAIGHT-IN LANDING RWY 16

PANS OPS

	ILS DA(H) 562' (200') FULL	ILS TDZ or CL out	ILS ALS out	LOC (GS out)	NDB With FAF MDA(H) 670' (308')	NDB With FAF ALS out	NDB W/o FAF MDA(H) 720' (358')	NDB W/o FAF ALS out
A	RVR 550m VIS 800m	RVR 720m VIS 800m	1200m	NOT AUTH	1200m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m
B								
C								
D					RVR 1500m VIS 1600m		RVR 1500m VIS 1600m	RVR 1800m VIS 2000m

CHANGES: Map.

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UNNT/OVB TOLMACHEVO

JEPPESEN
17 SEP 10
Eff 23 Sep
11-2A

NOVOSIBIRSK, RUSSIA
CAT II ILS DME Rwy 16

BRIEFING STRIP ™

ATIS	NOVOSIBIRSK Approach	NOVOSIBIRSK Krug (APP/RDR)	NOVOSIBIRSK Start (TWR)	Ground
131.3 (Russian 127.4)	127.5	122.0	118.5	121.7

LOC	Final Apch Crs	GS	CAT II ILS	Apt Elev 368'
ISV 109.7	161°	LOM 1067' (705')	RA 104' DA(H) 462' (100')	RWY 362'

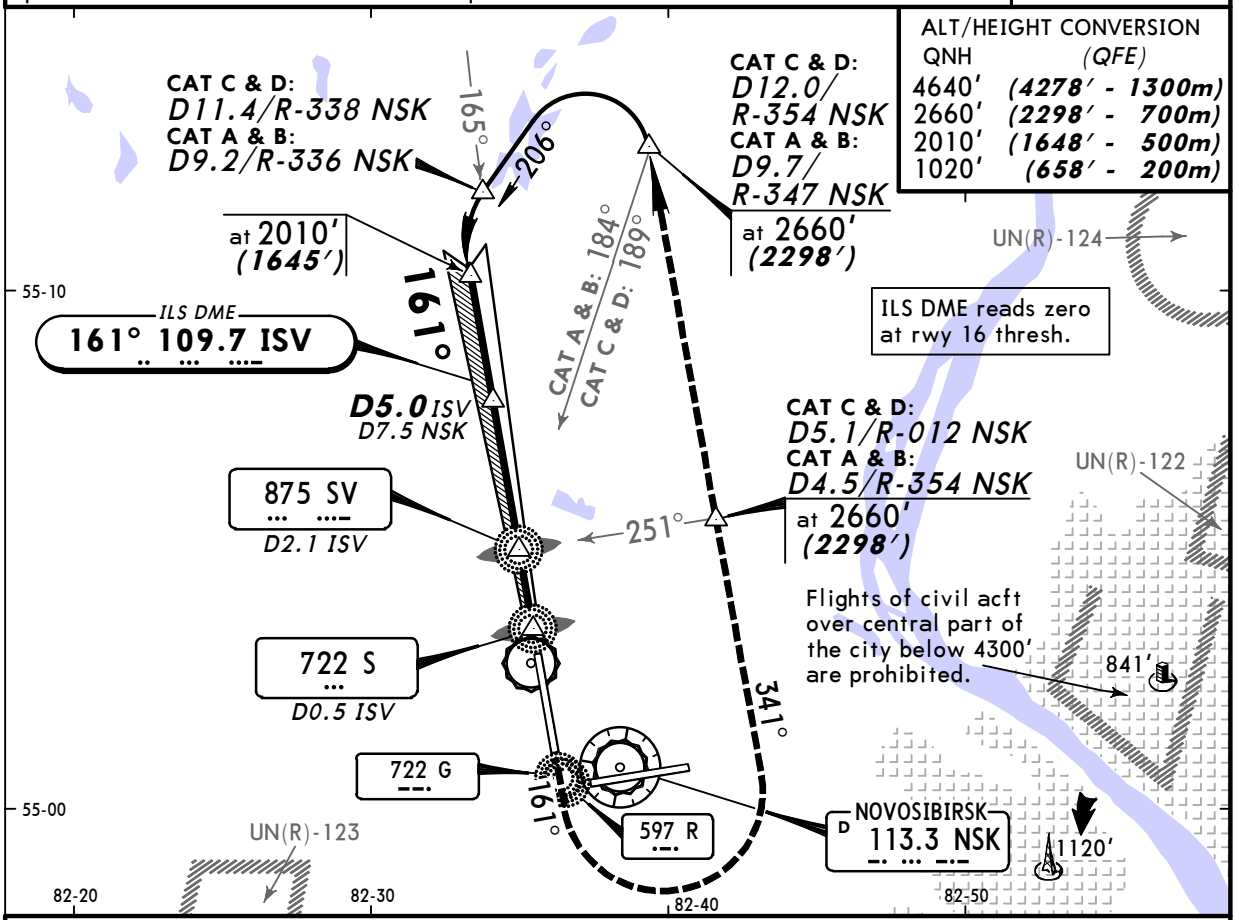
MISSED APCH: Climb on 161° to 1020' (658'), then turn LEFT onto 341° climbing to 2660' (2298'), then according to chart or as directed.

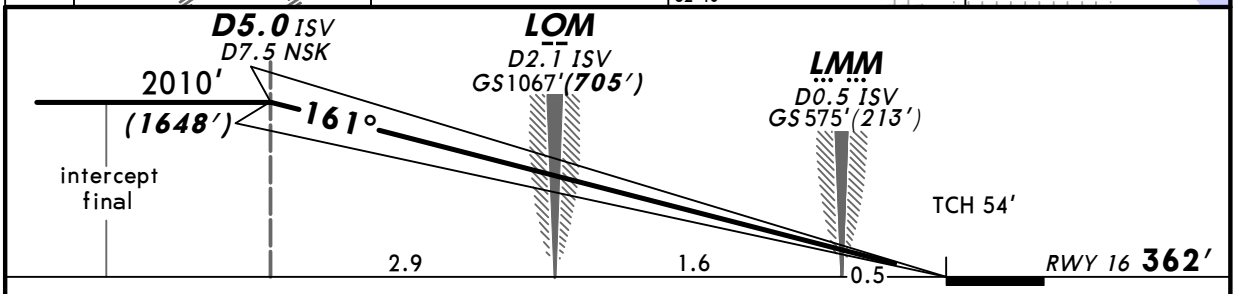
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 Trans alt: 4640' (4278')
Special aircrew and acft certification required.

MSA NSK VOR: 1900' (130°–200°), 3000' (280°), 2500'

ALT/HEIGHT CONVERSION

QNH	(QFE)
4640'	(4278' - 1300m)
2660'	(2298' - 700m)
2010'	(1648' - 500m)
1020'	(658' - 200m)





Gnd speed-Kts		70	90	100	120	140	160
GS	3.00°	377	484	538	646	753	861

HIALS-II
PAPI

1020' (658') on 161° | 341° LT | 2660' (2298')

STRAIGHT-IN LANDING RWY 16
CAT II ILS
ABCD
RA 104'
DA(H) 462' (100')

PANS OPS

RVR 350m

CHANGES: None.

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UNNT/OVB TOLMACHEVO

JEPPESEN 6 AUG 10 (11-3)

NOVOSIBIRSK, RUSSIA
ILS DME or 2 NDB Rwy 25

BRIEFING STRIP ™

ATIS	NOVOSIBIRSK Approach	NOVOSIBIRSK Krug (APP/RDR)	NOVOSIBIRSK Start (TWR)	Ground
131.3 (Russian 127.4)	127.5	122.0	118.5	121.7

LOC IKT	Final Apch Crs	GS LOM	ILS DA(H)	Apt Elev 368'
108.5	252°	1101' (738')	563' (200')	RWY 363'
NDB KT		Minimum Alt D5.0 IKT	NDB MDA(H) (CONDITIONAL)	
310		2010' (1647')	710' (347')	

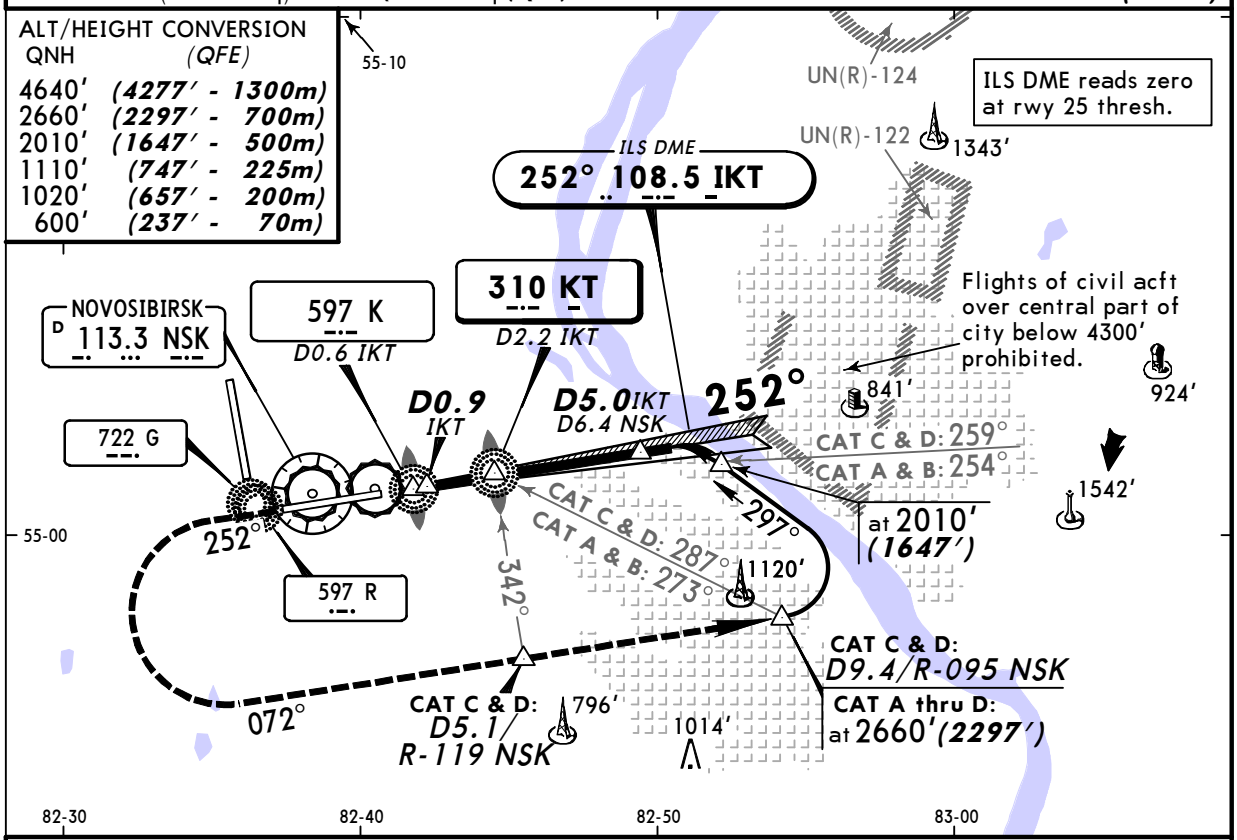
MISSED APCH: Climb on 252° to 1020' (657'), then turn LEFT onto 072° climbing to 2660' (2297'), then according to chart.

MSA NSK VOR: 130° 1900', 200° 3000', 280° 2500'

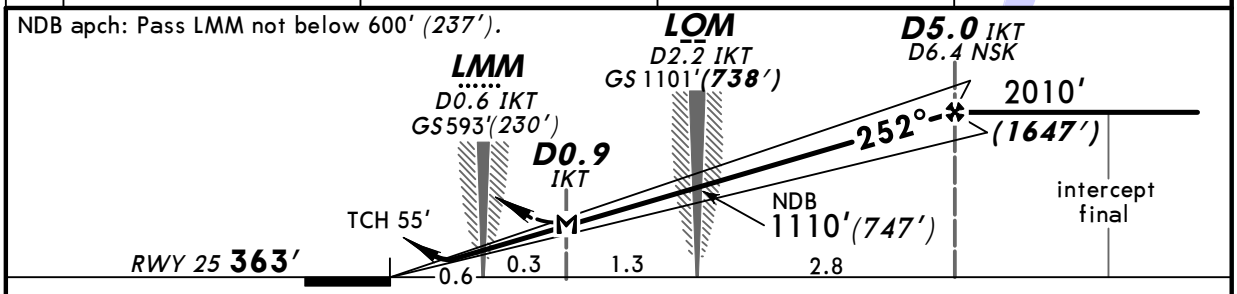
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 Trans alt: 4640' (4277')

ALT/HEIGHT CONVERSION

QNH	(QFE)
4640'	(4277' - 1300m)
2660'	(2297' - 700m)
2010'	(1647' - 500m)
1110'	(747' - 225m)
1020'	(657' - 200m)
600'	(237' - 70m)



NDB apch: Pass LMM not below 600' (237').



Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Desc angle 3.00°	377	484	538	646	753	861
MAP at D0.9 IKT						

HIALS PAPI

1020' (657') on 252°

072° LT

2660' (2297')

PANS OPS

STRAIGHT-IN LANDING RWY 25

	ILS DA(H) 563' (200') FULL	ILS DA(H) 563' (200') ALS out	LOC (GS out)	NDB With FAF MDA(H) 710' (347')	NDB With FAF MDA(H) 710' (347') ALS out	NDB W/o FAF MDA(H) 1300' (937')	NDB W/o FAF MDA(H) 1300' (937') ALS out
A	RVR 720m VIS 800m	1200m	NOT AUTH	1200m	RVR 1500m VIS 1600m	1200m	RVR 1800m VIS 2000m
B							
C						3600m	4400m
D				RVR 1500m VIS 1600m	RVR 1800m VIS 2000m	4400m	4800m

CHANGES: None.

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UNNT/OVB TOLMACHEVO

JEPPESEN 6 AUG 10 (11-4)

NOVOSIBIRSK, RUSSIA
ILS DME or 2 NDB Rwy 34

BRIEFING STRIP ™

ATIS	NOVOSIBIRSK Approach	NOVOSIBIRSK Krug (APP/RDR)	NOVOSIBIRSK Start (TWR)	Ground
131.3 (Russian 127.4)	127.5	122.0	118.5	121.7

LOC IGH 111.1	Final Apch Crs 341°	GS LOM 1106′ (738′)	ILS DA(H) 568′ (200′)	Apt Elev 368′
NDB GH 875		Minimum Alt D5.0 IGH 2010′ (1642′)	NDB MDA(H) (CONDITIONAL) 700′ (332′)	RWY 368′

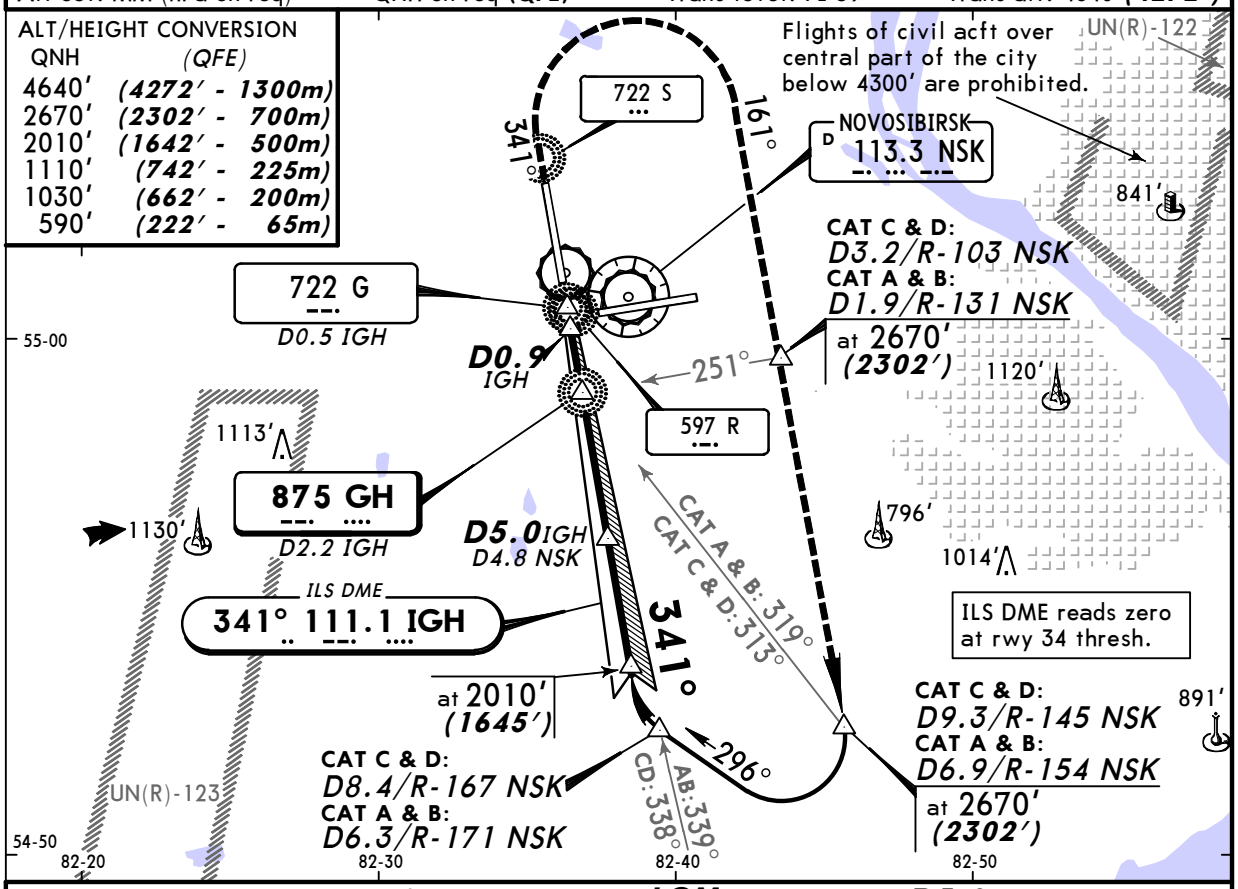
MISSED APCH: Climb on 341° to 1030′ (662′), then turn RIGHT onto 161° climbing to 2670′ (2302′), then according to chart.

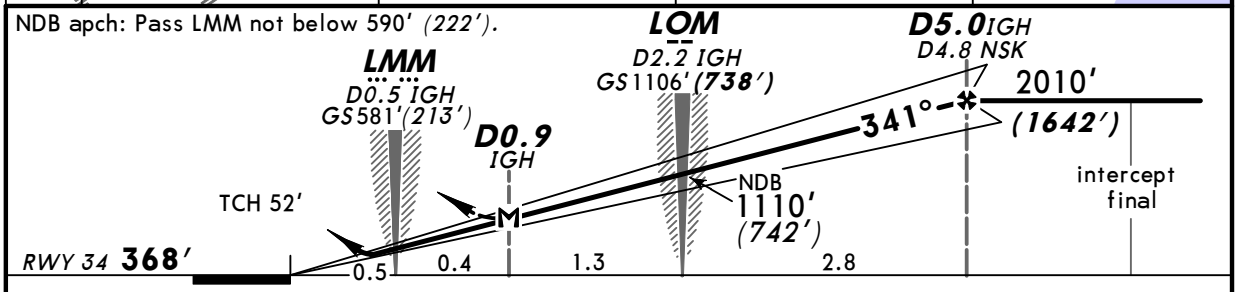
MSA NSK VOR: 130° 1900′; 200° 3000′; 280° 2500′

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 Trans alt: 4640′ (4272′)

ALT/HEIGHT CONVERSION

QNH	(QFE)
4640′	(4272′ - 1300m)
2670′	(2302′ - 700m)
2010′	(1642′ - 500m)
1110′	(742′ - 225m)
1030′	(662′ - 200m)
590′	(222′ - 65m)





Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Desc angle 3.00°	377	484	538	646	753	861
MAP at D0.9 IGH						

HIALS PAPI

1030′ (662′) on 341°

161° RT

2670′ (2302′)

PANS OPS

STRAIGHT-IN LANDING RWY 34

	ILS DA(H) 568′ (200′) FULL	ILS DA(H) 568′ (200′) ALS out	LOC (GS out)	NDB With FAF MDA(H) 700′ (332′)	NDB With FAF MDA(H) 700′ (332′) ALS out	NDB W/o FAF MDA(H) 720′ (352′)	NDB W/o FAF MDA(H) 720′ (352′) ALS out
A	RVR 720m VIS 800m	1200m	NOT AUTH	1200m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m
B							
C							
D				RVR 1500m VIS 1600m		RVR 1500m VIS 1600m	RVR 1800m VIS 2000m

CHANGES: Minimums.

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