

Page 1

Changed chart(s) since Disc 26-2010

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 26-2010

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 InfoATIS **131.3**ATIS **127.4** Non-EnglishNovosibirsk Start Tower **118.5**Novosibirsk Taxiing Ground Control **121.7**Novosibirsk Approach Control **128.5** TCANovosibirsk Approach Control **127.5**Novosibirsk Approach Control **127.1**Novosibirsk Krug Radar **122.0****Notebook Info**

UNNT/OVB
TOLMACHEVO

JEPPESEN
25 JUN 10 **10-2** **Eff 1 Jul**

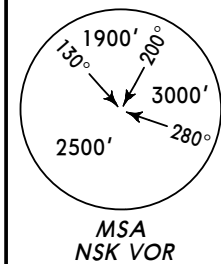
NOVOSIBIRSK, RUSSIA

STAR

ATIS 131.3 (Russian 127.4)	Apt Elev 368'	Alt Set: MM (hPa on request) QNH on request Trans level: FL59 Trans alt: 4640' (4275')	(QFE)
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GV 07D, KD 07D, KG 07D
RWY 07 ARRIVALS
FROM NORTH
FOR ARRIVALS CAT B
REFER TO CHART 10-2S

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

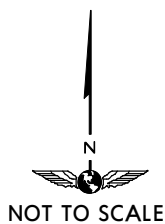


KENGA
N56 19.2 E080 42.1

126° 43

KEGAV
N55 47.6 E081 35.1

141°



KG 07D 53

NOVOTYRYSKINO
715 KD
N55 17.0 E082 24.0

-107° 287°
180°

KD 07D 15

KOLYVAN
660 GV
N55 19.0 E082 43.0

209°
GV 07D 21

D10.6 NSK
N55 02.0 E082 20.0
(NSK R-268)

A+ 3650'
(**3285'**)

D10.5 NSK
N55 01.2 E082 20.2
(NSK R-262)

A+ 3650'
(**3285'**)

D10.5 NSK
N55 02.5 E082 20.4
(NSK R-271)

A+ 3650'
(**3285'**)

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

A+ 2670'
(**2305'**)

Intercept
final at
2010'
(**1645'**)

NOVOSIBIRSK
113.3 NSK
N55 00.8 E082 38.4

***310 RO**
N55 00.2 E082 33.8

FL CONVERSION
FL59 **FL1800m**

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

UNNT/OVB
TOLMACHEVO

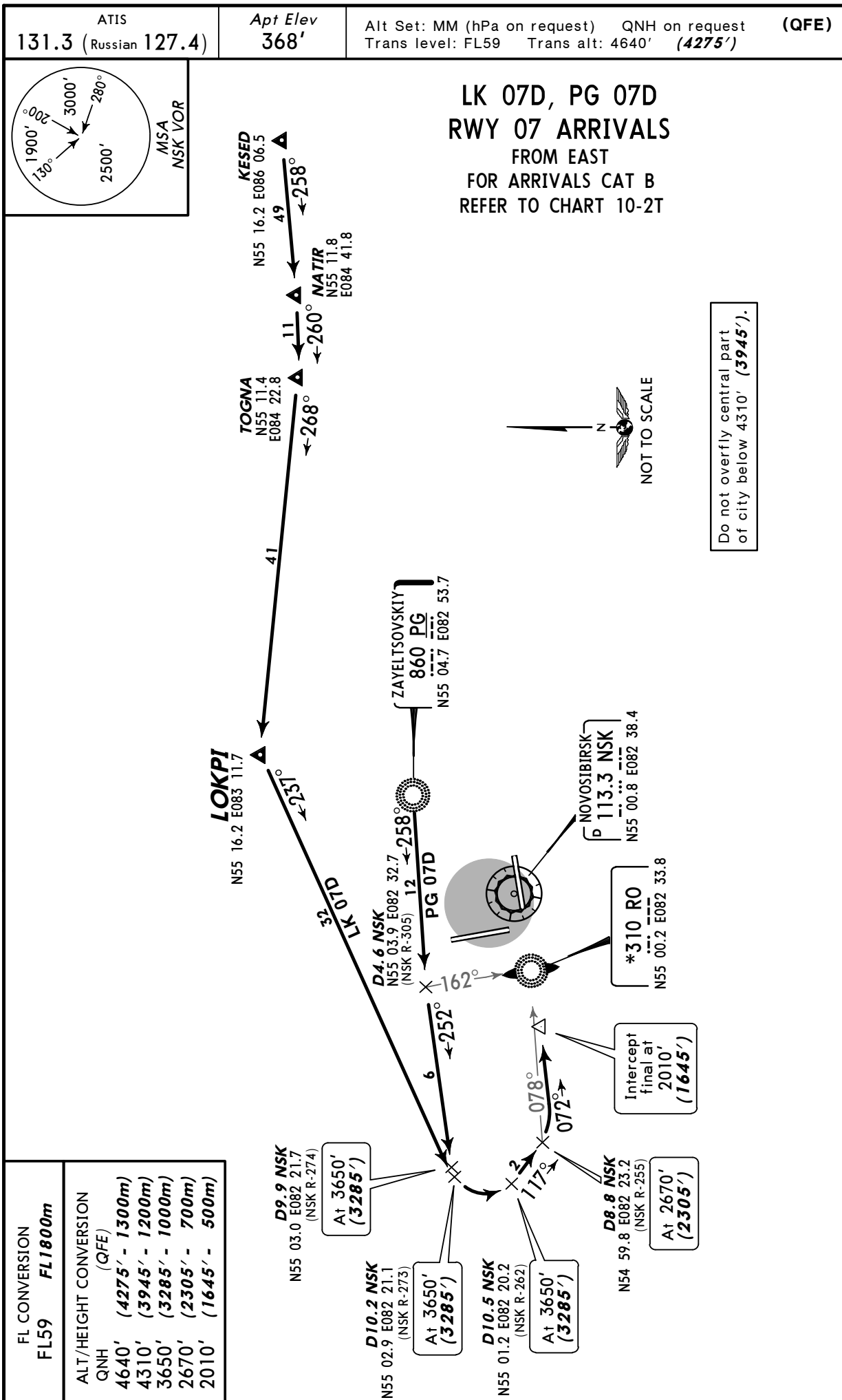
25 JUN 10

10-2A

Eff 1 Jul

NOVOSIBIRSK, RUSSIA

STAR



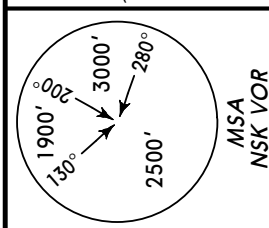
UNNT/OVB
TOLMACHEVO

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

NOVOSIBIRSK, RUSSIA

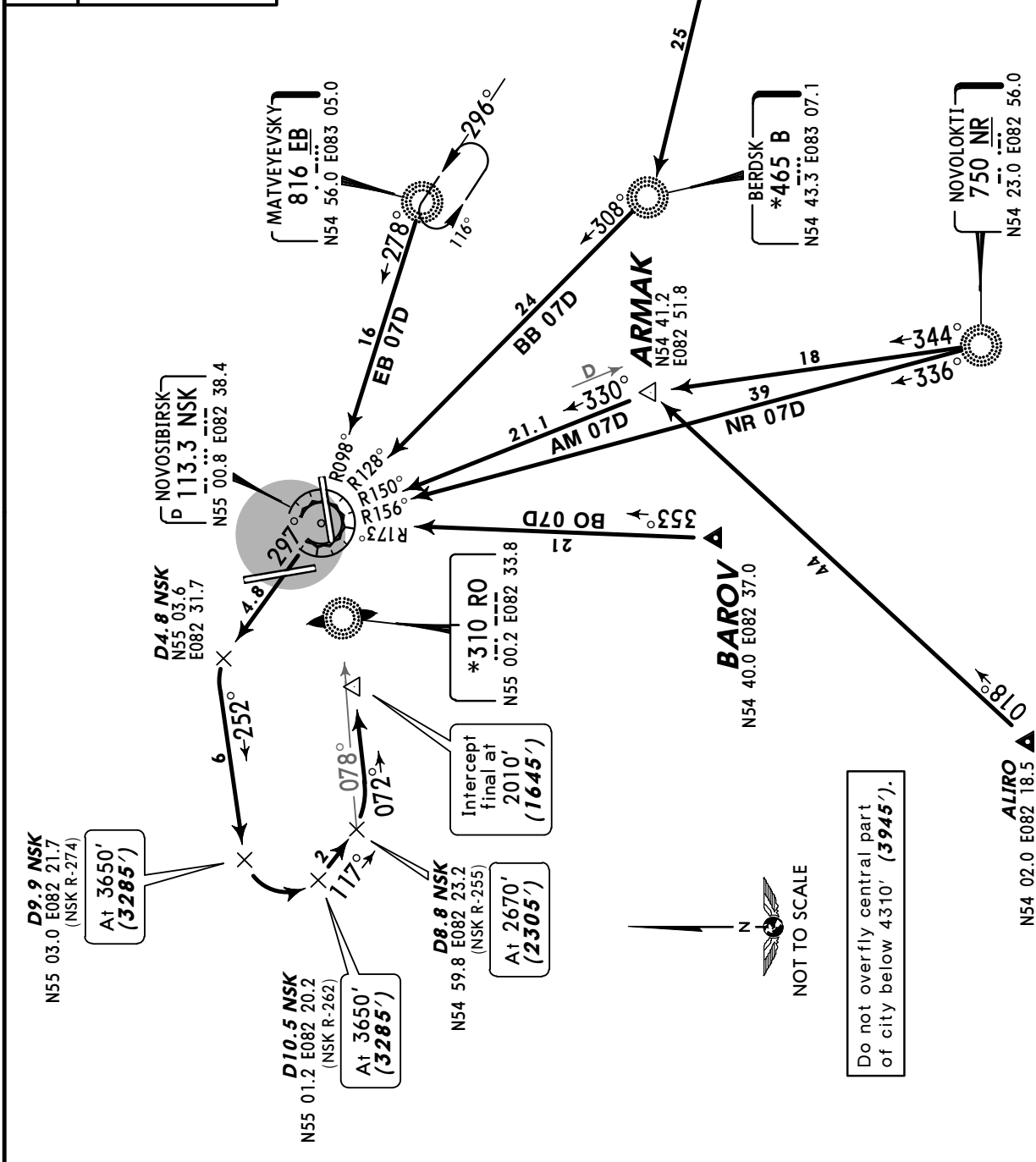
STAR

ATIS 131.3 (Russian 127.4)	Apt Elev 368'	Alt Set: MM (hPa on request) QNH on request Trans level: FL59 Trans alt: 4640' (4275')	(QFE)
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AM 07D, BB 07D, BO 07D, EB 07D, NR 07D
RWY 07 ARRIVALS
 FROM SOUTH
 FOR ARRIVALS CAT B
 REFER TO CHART 10-2U

FL CONVERSION	FL 1800m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
4640'	(4275' - 1300m)
4310'	(3945' - 1200m)
3650'	(3285' - 1000m)
2670'	(2305' - 700m)
2010'	(1645' - 500m)



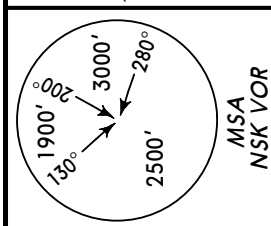
UNNT/OVB
TOLMACHEVO

JEPPESSEN
 25 JUN 10 **10-2C** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

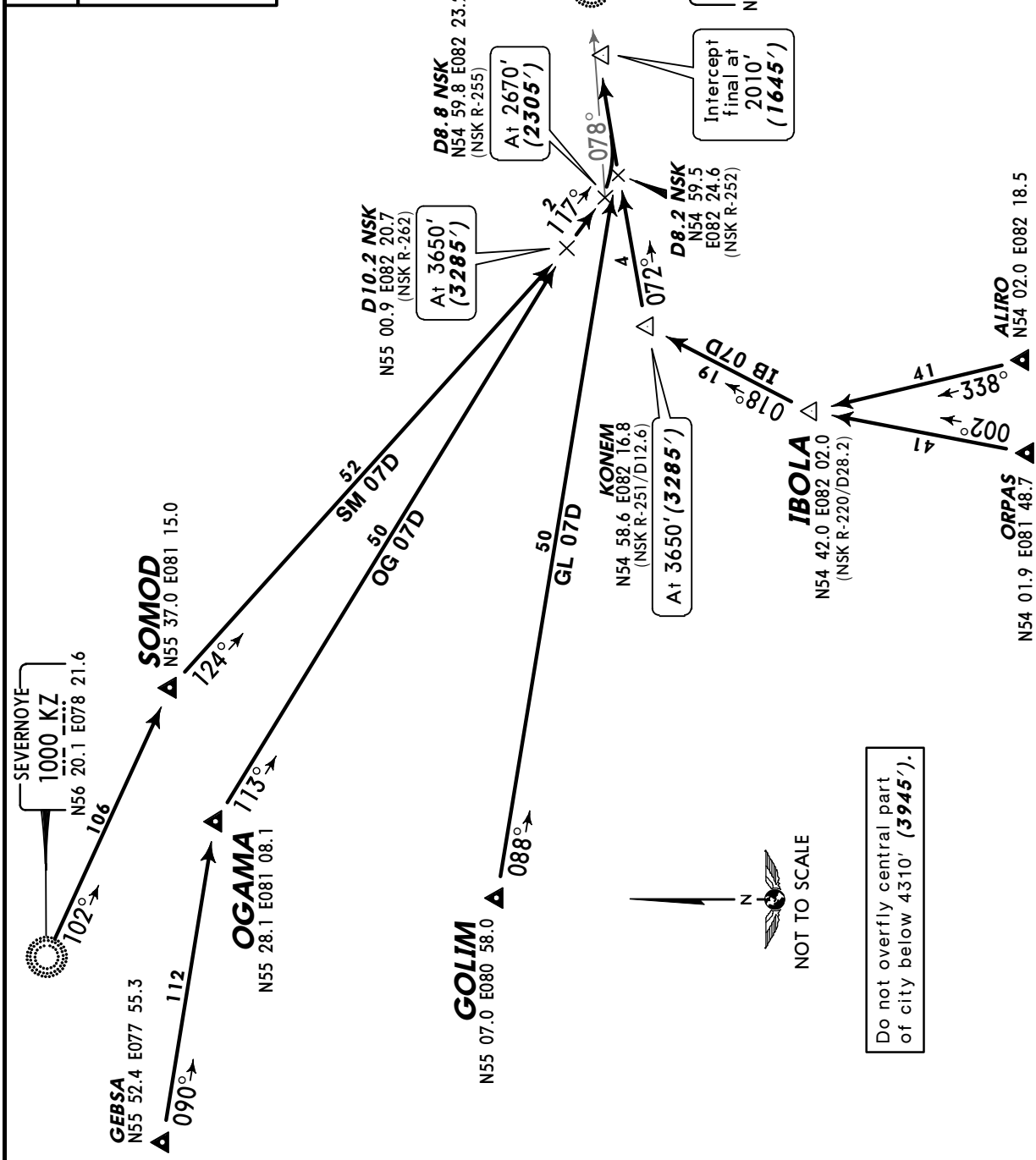
STAR

ATIS 131.3 (Russian 127.4)	Apt Elev 368'	Alt Set: MM (hPa on request) QNH on request Trans level: FL59 Trans alt: 4640' (4275')	(QFE)
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GL 07D, IB 07D, OG 07D, SM 07D
RWY 07 ARRIVALS
 FROM WEST
 FOR ARRIVALS CAT B
 REFER TO CHART 10-2V

FL CONVERSION	FL 1800m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
4640'	(4275' - 1300m)
4310'	(3945' - 1200m)
3650'	(3285' - 1000m)
2670'	(2305' - 700m)
2010'	(1645' - 500m)



UNNT/OVB
TOLMACHEVO

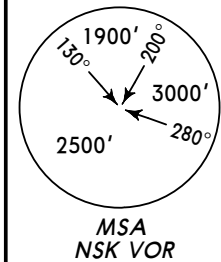
JEPPESSEN
25 JUN 10 **(10-2D)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

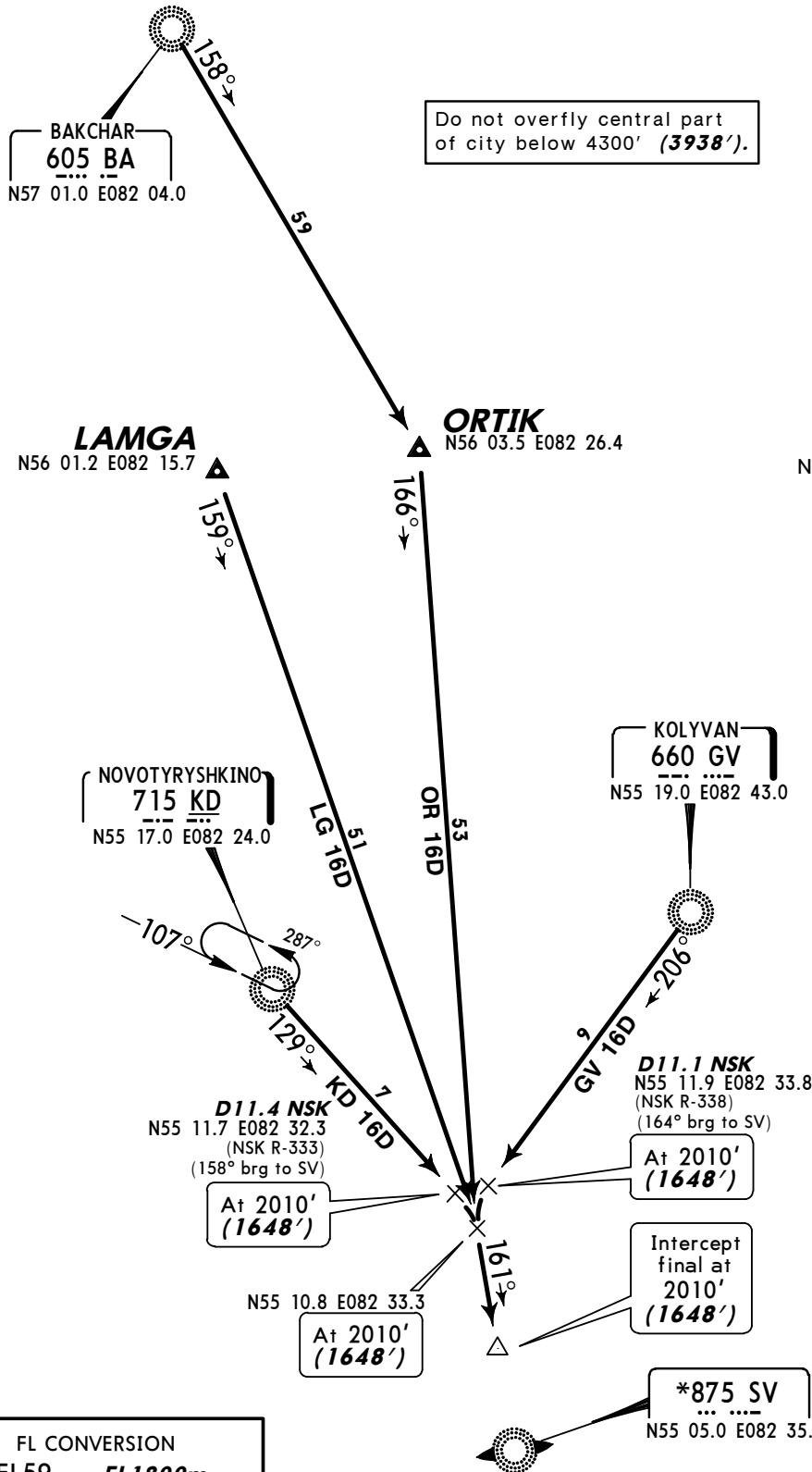
STAR

ATIS 131.3 (Russian 127.4)	Apt Elev 368'	Alt Set: MM (hPa on request) QNH on request Trans level: FL59 Trans alt: 4640' (4278')	(QFE)
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GV 16D, KD 16D, LG 16D, OR 16D
RWY 16 ARRIVALS
FROM NORTH



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

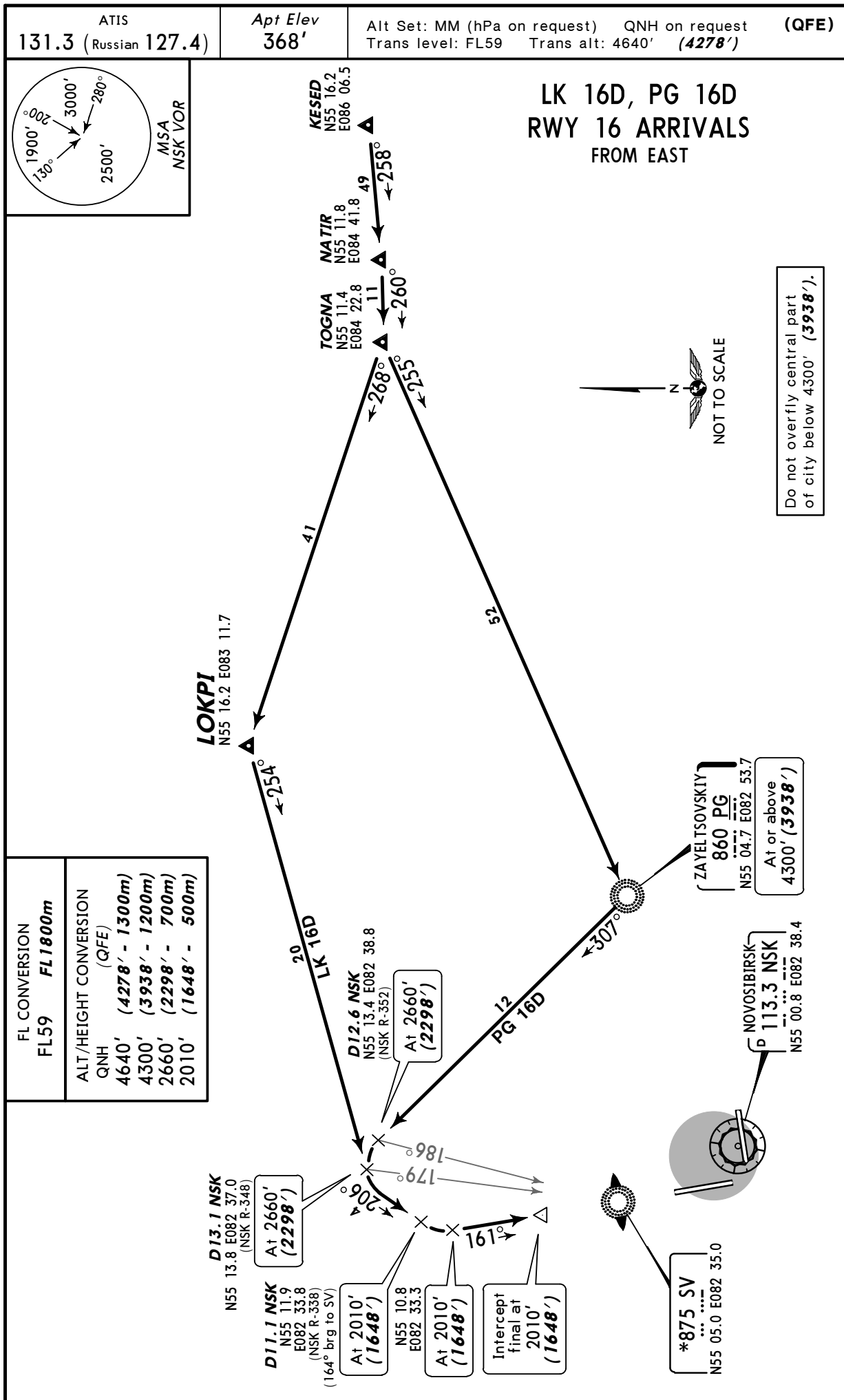


UNNT/OVB
TOLMACHEVO

JEPPesen
 25 JUN 10 **10-2E** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

STAR



UNNT/OVB
TOLMACHEVO

JEPPesen
25 JUN 10 **10-2F** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

STAR

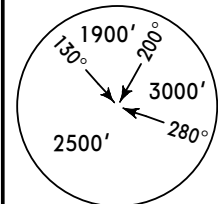
ATIS
131.3 (Russian 127.4)

Apt Elev
368'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' (**4278'**)

(QFE)

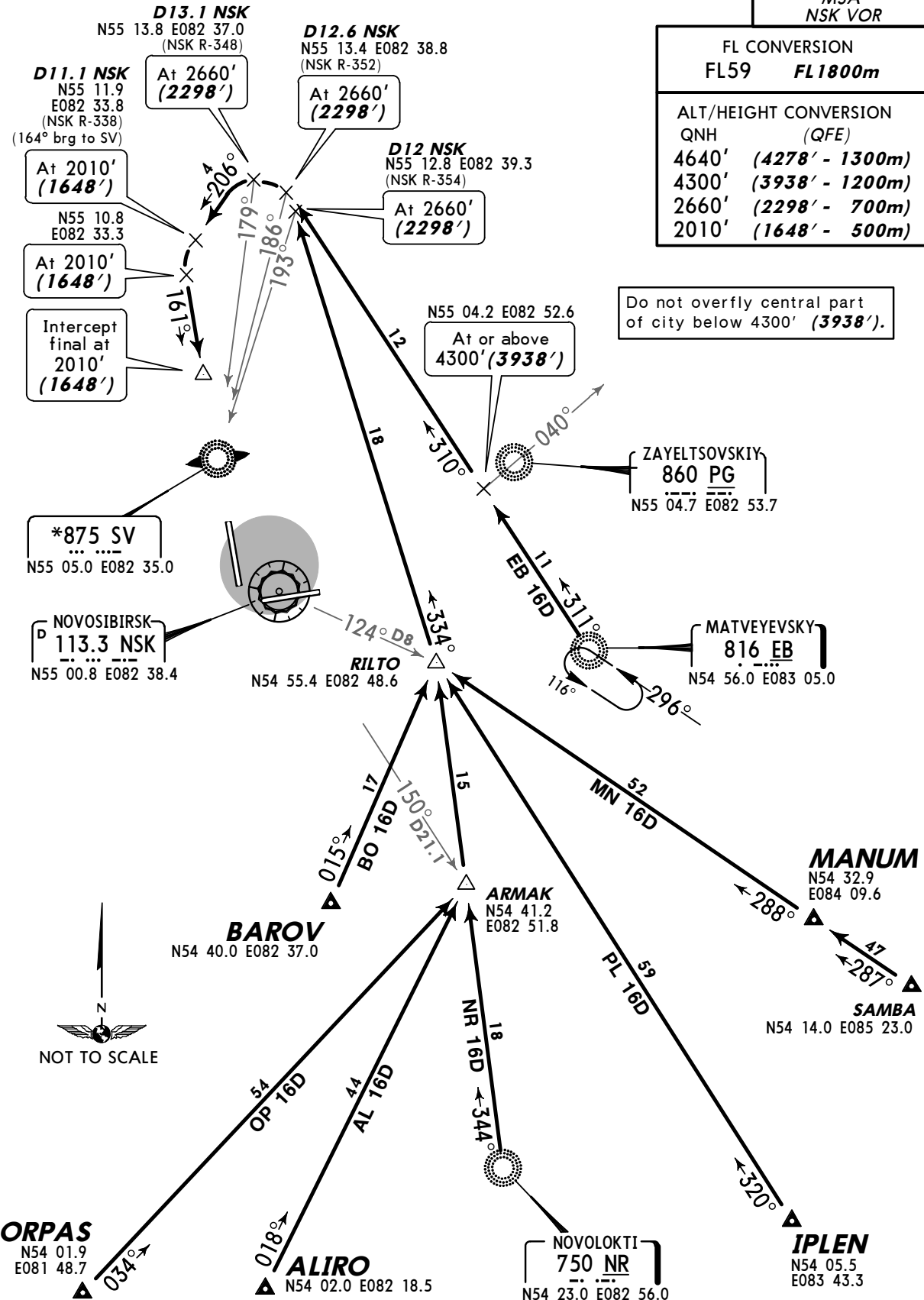
AL 16D, BO 16D, EB 16D, MN 16D
NR 16D, OP 16D, PL 16D
RWY 16 ARRIVALS
FROM SOUTH



MSA
NSK VOR

FL CONVERSION
FL59 **FL1800m**

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



**UNNT/OVB
TOLMACHEVO**

25 JUN 10

JEPPESEN

NOVOSIBIRSK, RUSSIA

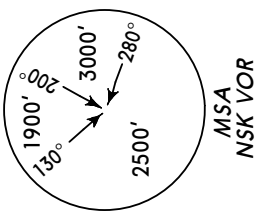
Eff 1 Jul**STAR**

ATIS
131.3 (Russian 127.4)

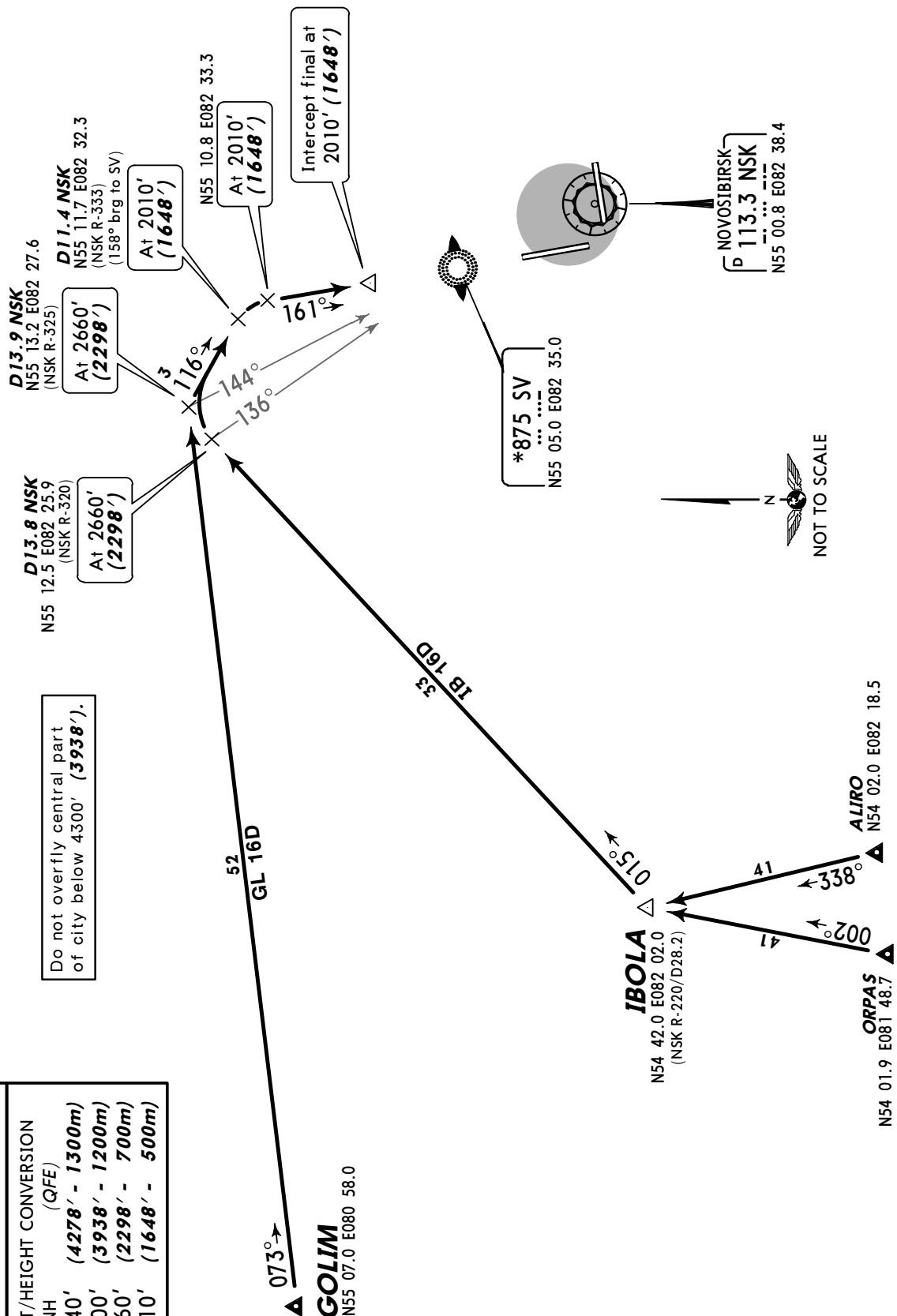
Apt Elev
368'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' (**4278'**)

(QFE)



GL 16D, IB 16D
RWY 16 ARRIVALS
FROM WEST



FL CONVERSION
FL59 FL1800

ALT/HEIGHT CONVERSION
QNH (QFE)

(4278' - 1300m)
(3938' - 1200m)
(2298' - 700m)
(1648' - 500m)

**UNNT/OVB
TOLMACHEVO**

JEPPESSEN
17 DEC 10 (10-2H)

NOVOSIBIRSK, RUSSIA

STAR

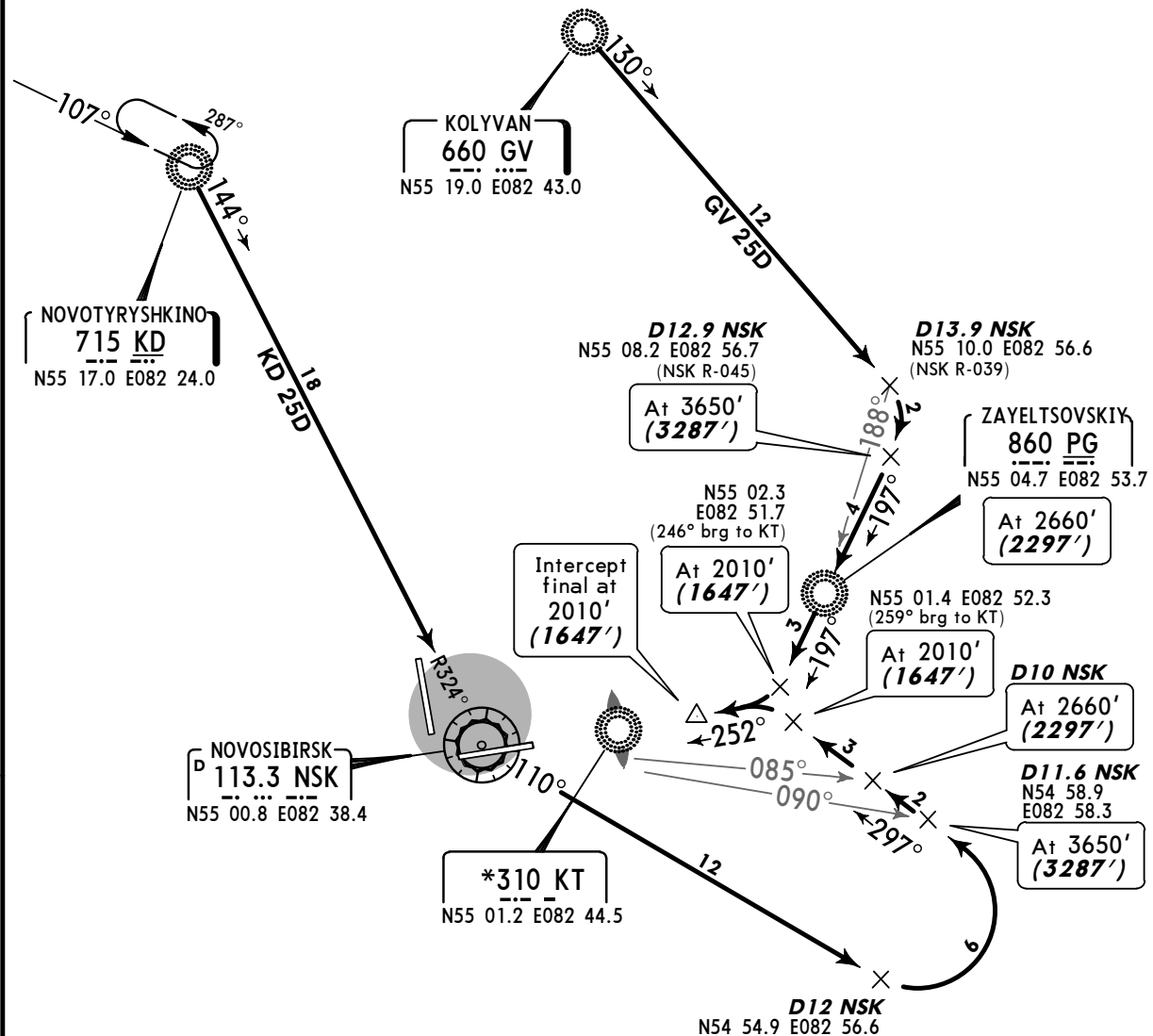
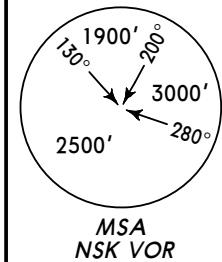
ATIS
131.3 (Russian 127.4)

Apt Elev
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)



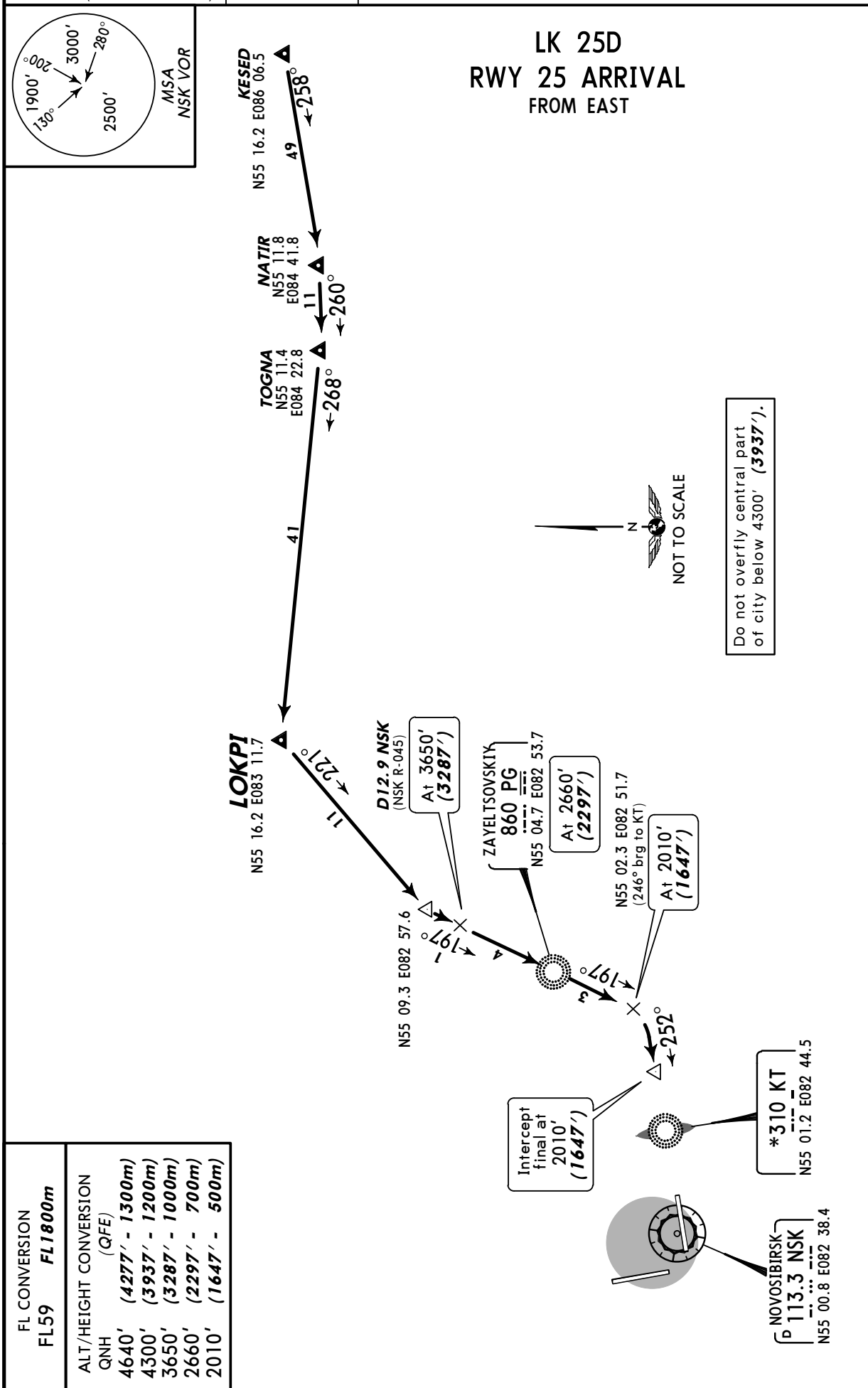
UNNT/OVB
 TOLMACHEVO

JEPPESSEN
 17 DEC 10 (10-2J)

NOVOSIBIRSK, RUSSIA

STAR

ATIS 131.3 (Russian 127.4)	Apt Elev 368'	Alt Set: MM (hPa on request) QNH on request Trans level: FL59 Trans alt: 4640' (4277')	(QFE)
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UNNT/OVB
TOLMACHEVO

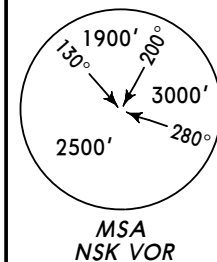
JEPPesen
25 JUN 10 **10-2K** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

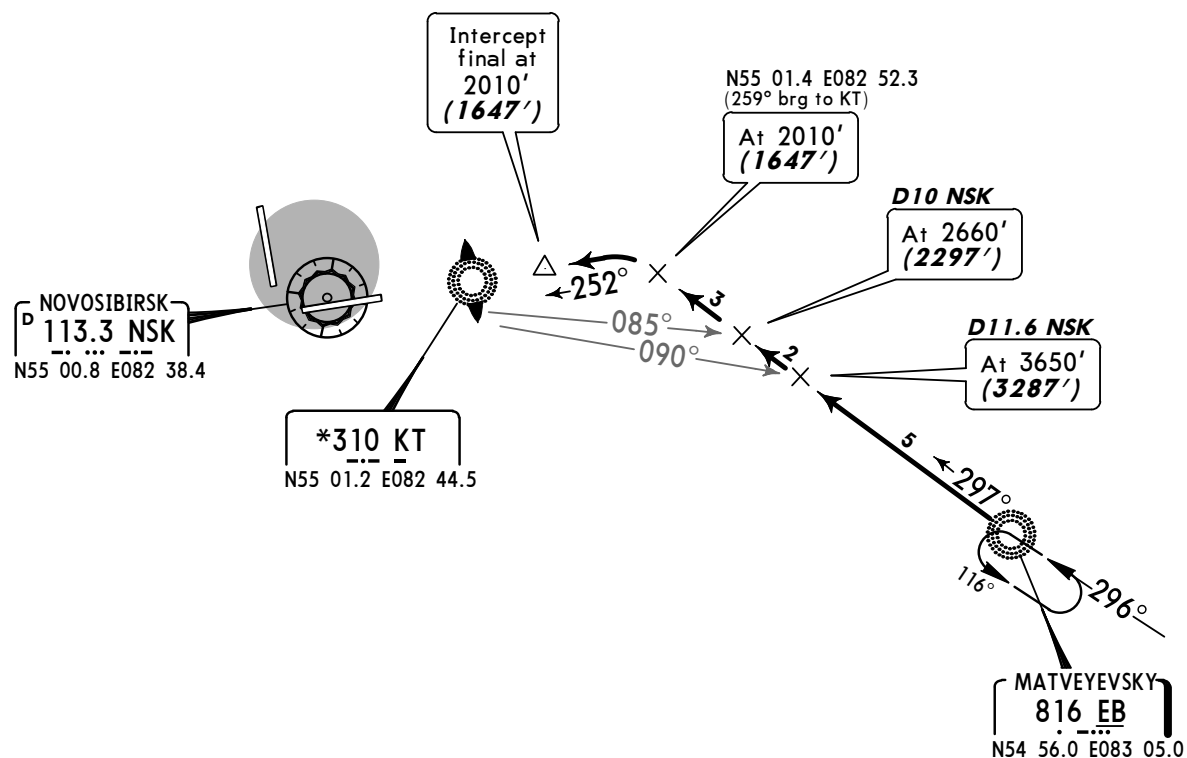
STAR

ATIS 131.3 (Russian 127.4)	Apt Elev 368'	Alt Set: MM (hPa on request) QNH on request Trans level: FL59 Trans alt: 4640' (4277')	(QFE)
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EB 25D
RWY 25 ARRIVAL
FROM SOUTH
FOR ARRIVALS CAT B
REFER TO CHART 10-2X



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)	



UNNT/OVB
TOLMACHEVO

25 JUN 10

JEPPESEN

NOVOSIBIRSK, RUSSIA

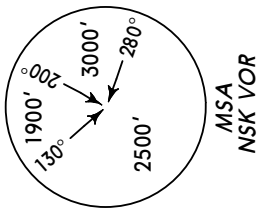
Eff 1 Jul**STAR**

ATIS
131.3 (Russian 127.4)

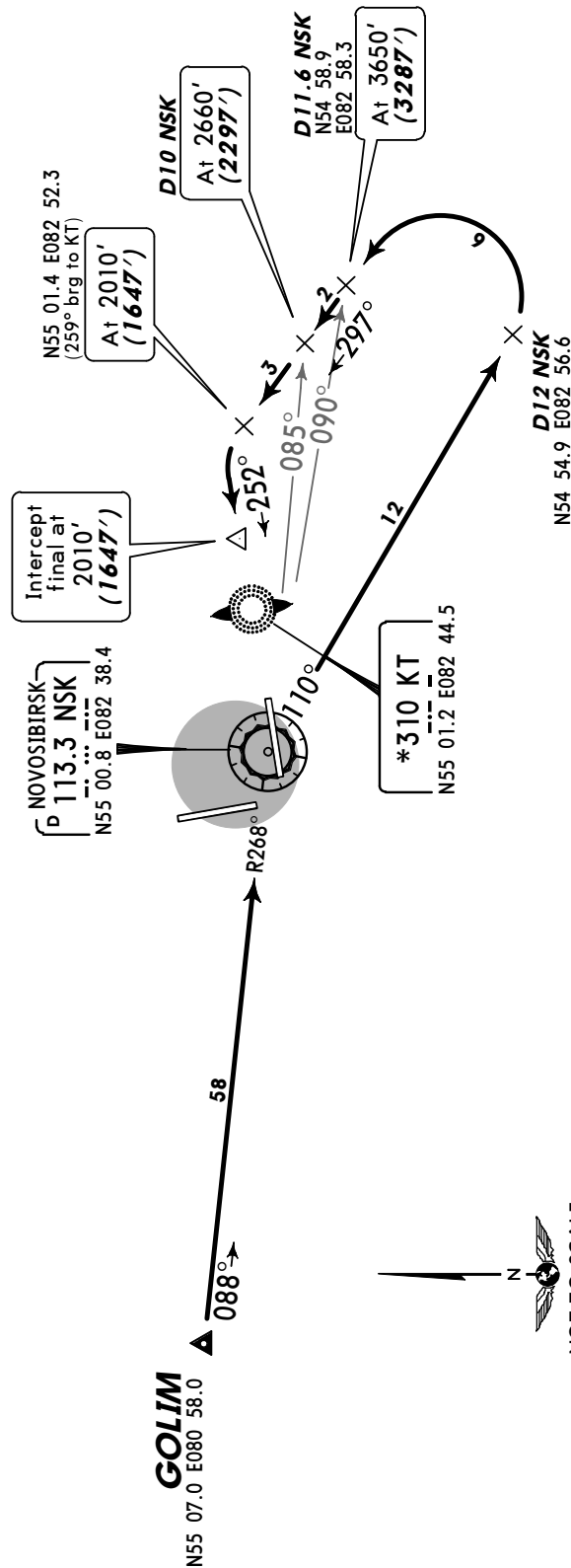
Apt Elev
368'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' **(4277')**

(QFE)



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



NOT TO SCALE

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

FL CONVERSION FL59 FL1800m	ALT/HEIGHT CONVERSION (QFE)
	QNH
	4640' (4277' - 1300m)
	4300' (3937' - 1200m)
	3650' (3287' - 1000m)
	2660' (2297' - 700m)
	2010' (1647' - 500m)

UNNT/OVB
TOLMACHEVO

JEPPESSEN
25 JUN 10 **(10-2M)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

STAR

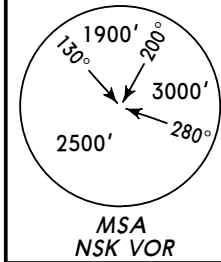
ATIS
131.3 (Russian 127.4)

Apt Elev
368'

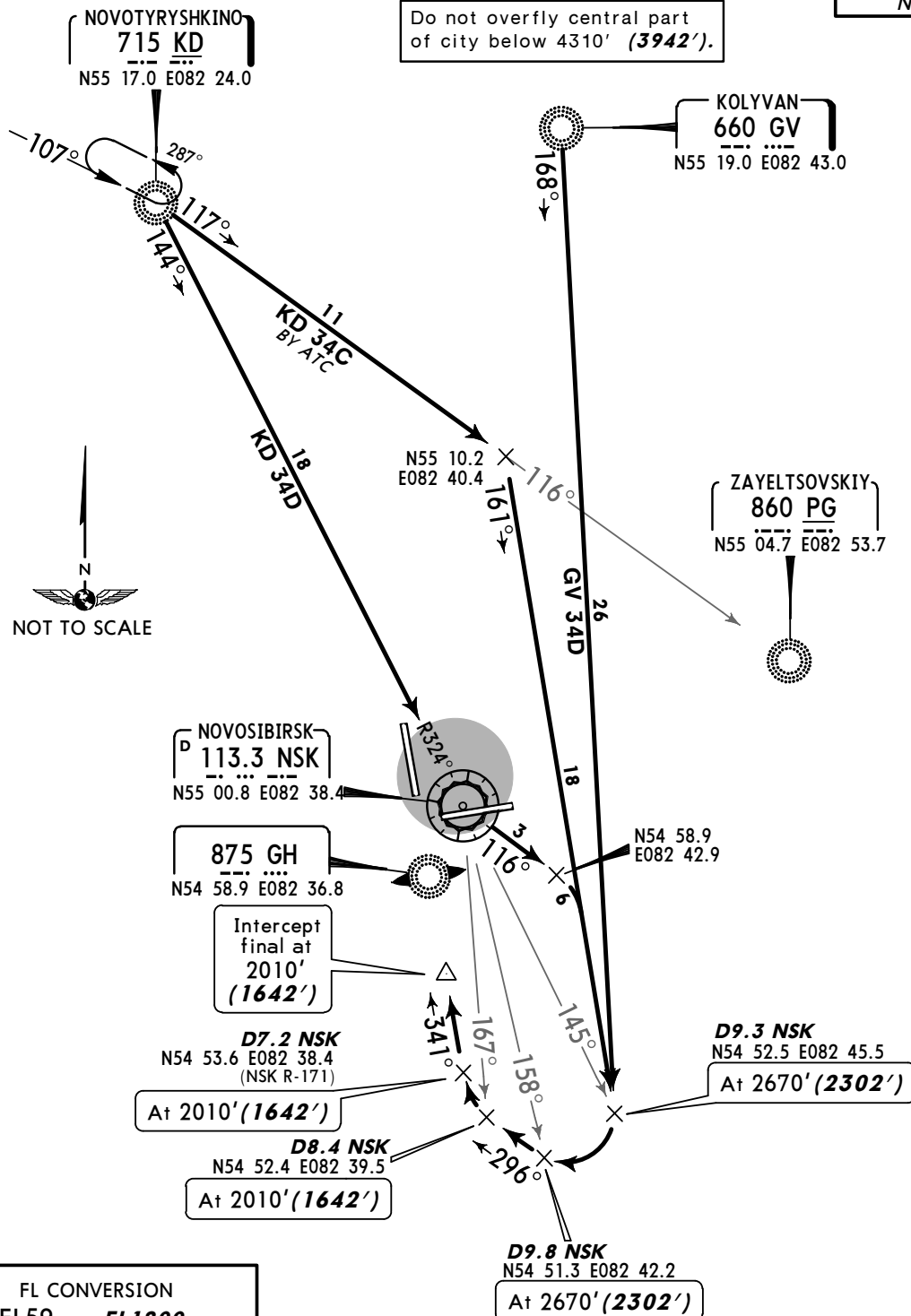
Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' (**4272'**)

(QFE)

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'**).



FL CONVERSION
FL59 **FL1800m**

ALT/HEIGHT CONVERSION
QNH (QFE)
4640' (**4272' - 1300m**)
4310' (**3942' - 1200m**)
2670' (**2302' - 700m**)
2010' (**1642' - 500m**)

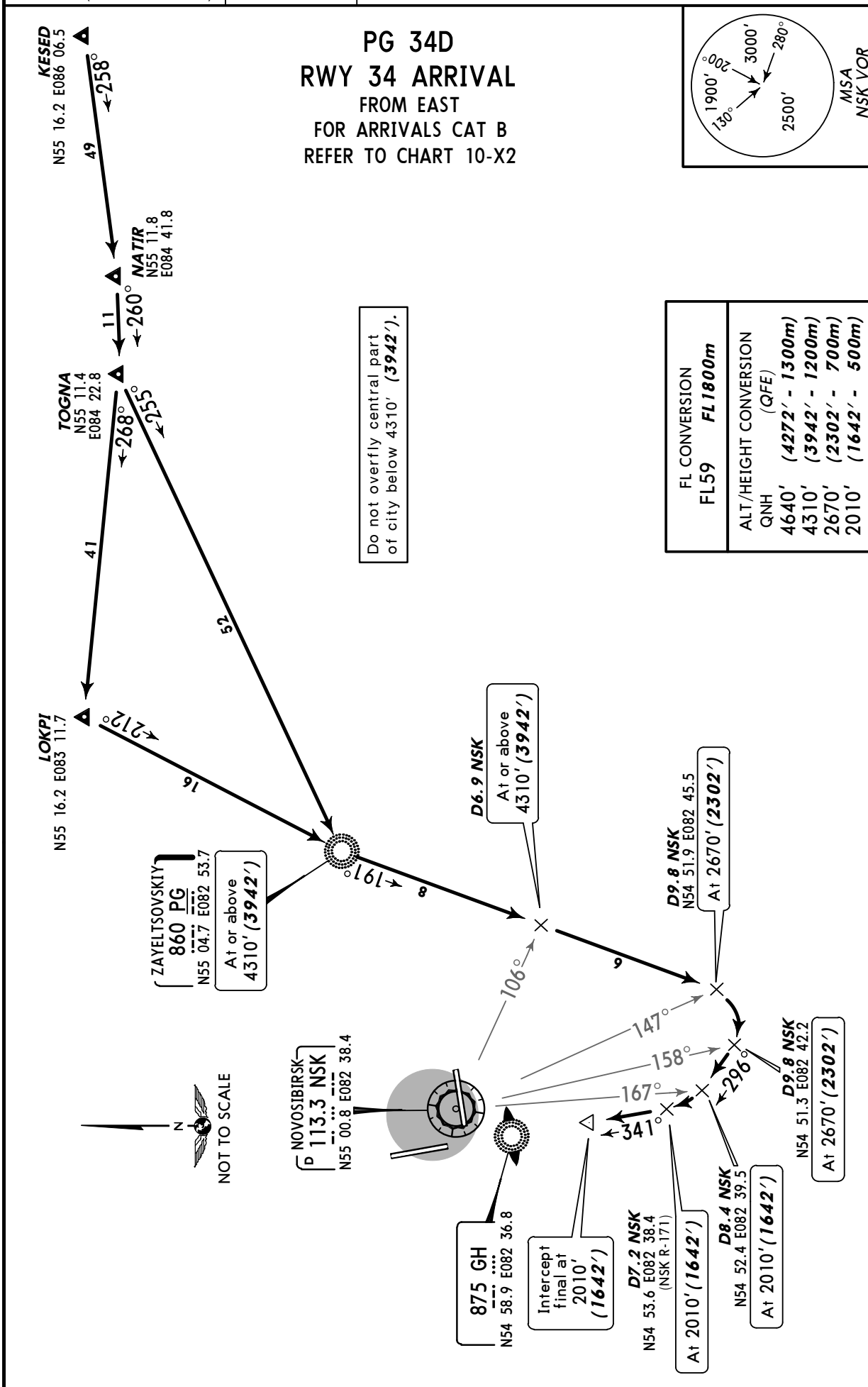
UNNT/OVB
TOLMACHEVO

JEPPESSEN
 25 JUN 10 **(10-2N)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

STAR

ATIS 131.3 (Russian 127.4)	Apt Elev 368'	Alt Set: MM (hPa on request) QNH on request Trans level: FL59 Trans alt: 4640' (4272')	(QFE)
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UNNT/OVB
TOLMACHEVO

JEPPESSEN
25 JUN 10 **10-2P** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

STAR

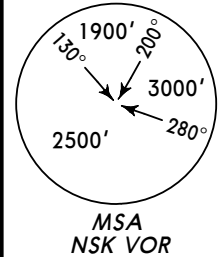
ATIS
131.3 (Russian 127.4)

Apt Elev
368'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' (**4272'**)

(QFE)

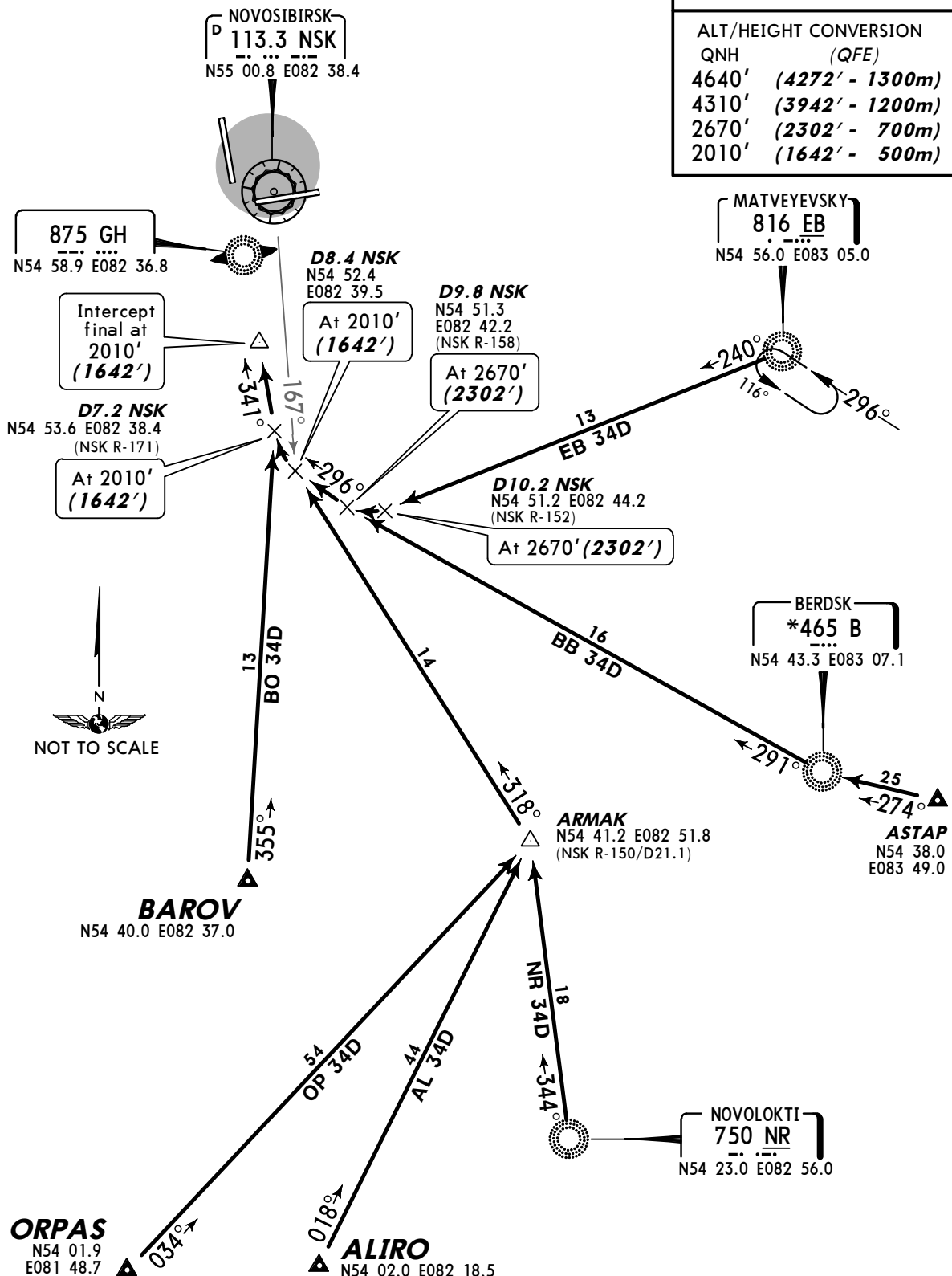
AL 34D, BB 34D, BO 34D, EB 34D, NR 34D, OP 34D
RWY 34 ARRIVALS
FROM SOUTH
FOR ARRIVALS CAT B
REFER TO CHART 10-2X3



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

FL CONVERSION
FL59 **FL 1800m**

ALT/HEIGHT CONVERSION	(QFE)
4640'	(4272' - 1300m)
4310'	(3942' - 1200m)
2670'	(2302' - 700m)
2010'	(1642' - 500m)



UNNT/OVB
TOLMACHEVO

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

NOVOSIBIRSK, RUSSIA

STAR

ATIS
131.3 (Russian 127.4)

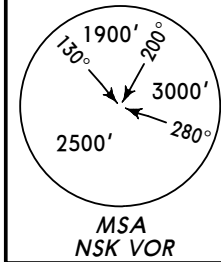
Apt Elev
368'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' (**4272'**)

(QFE)

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'**).



GOLIM
N55 07.0
E080 58.0

086°

58

NOVOSIBIRSK
113.3 NSK
N55 00.8 E082 38.4

R266°

875 GH
N54 58.9 E082 36.8

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**)

UNNT/OVB
TOLMACHEVO

JEPPESEN
10 SEP 10 **10-2S** **Eff 23 Sep**

NOVOSIBIRSK, RUSSIA

STAR

ATIS
131.3 (Russian 127.4)

Apt Elev
368'

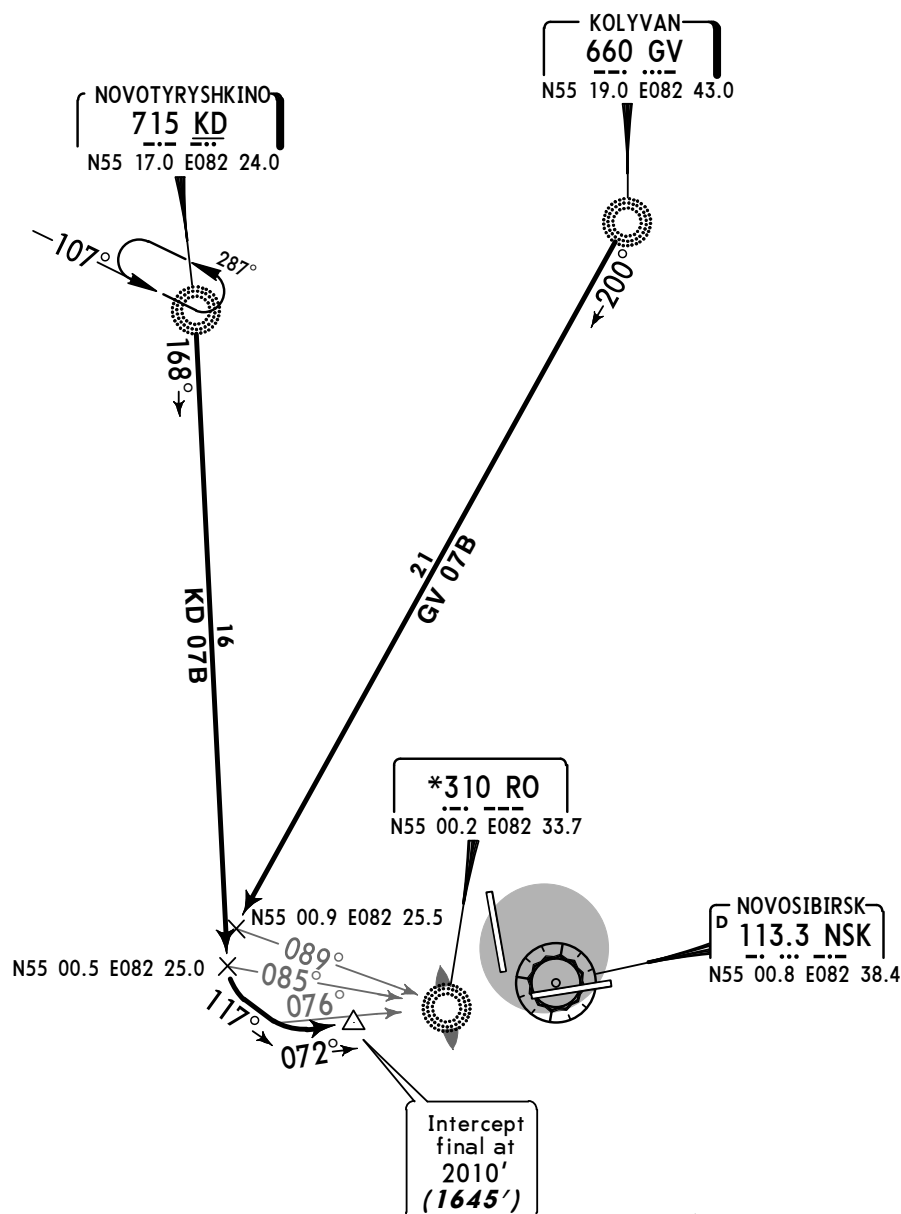
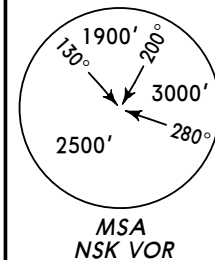
Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' (**4275'**)

(QFE)

GV 07B, KD 07B
RWY 07 ARRIVALS

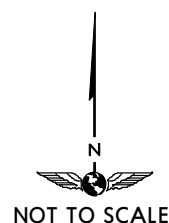
CAT B

FROM NORTH



FL CONVERSION
FL59 **FL1800m**

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



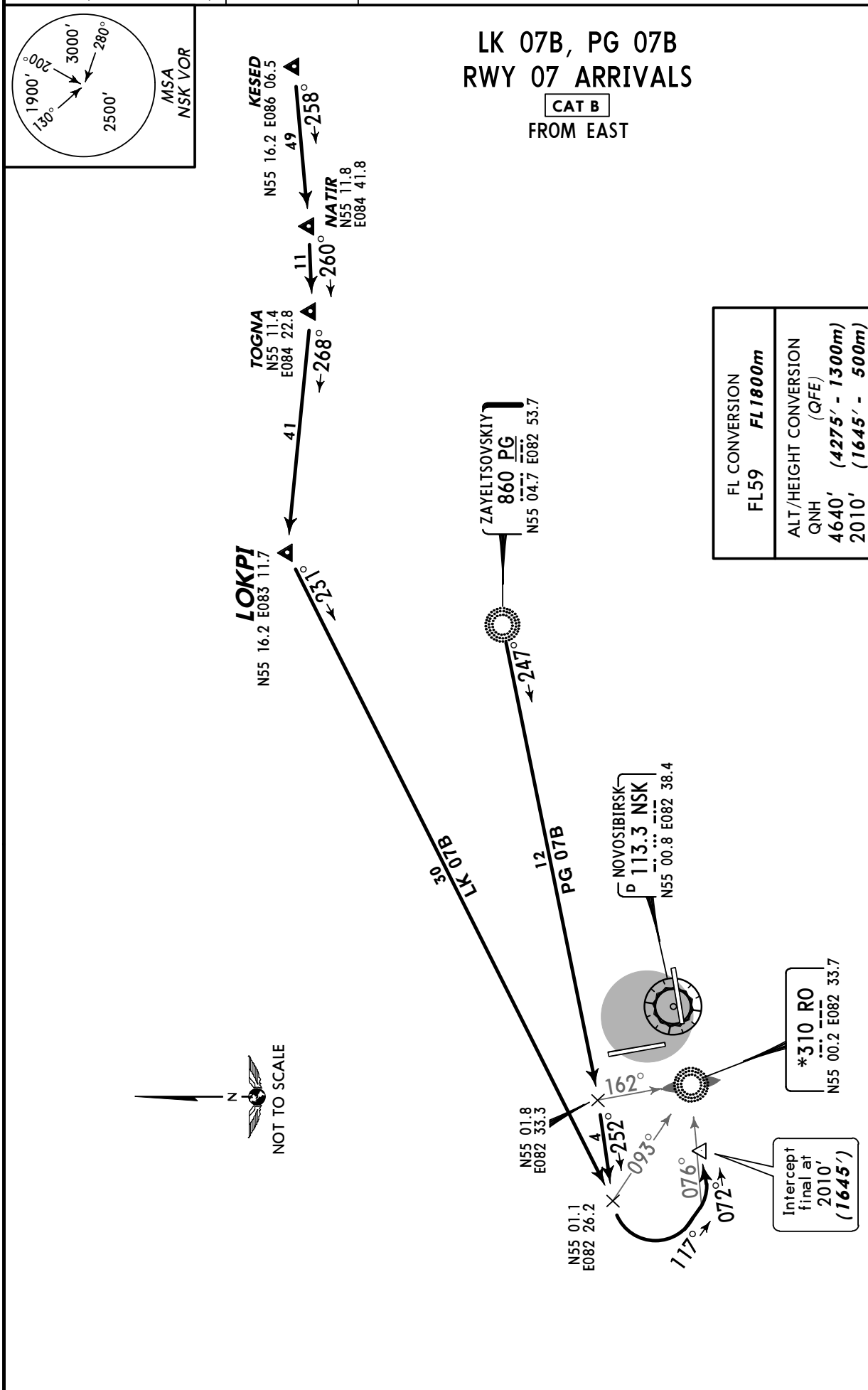
UNNT/OVB
TOLMACHEVO

JEPPESSEN
 10 SEP 10 **(10-2T)** **Eff 23 Sep**

NOVOSIBIRSK, RUSSIA

STAR

ATIS 131.3 (Russian 127.4)	Apt Elev 368'	Alt Set: MM (hPa on request) QNH on request Trans level: FL59 Trans alt: 4640' (4275')	(QFE)
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UNNT/OVB
TOLMACHEVO

JEPPESSEN

NOVOSIBIRSK, RUSSIA

10 SEP 10

10-2U

Eff 23 Sep

STAR

ATIS
131.3 (Russian 127.4)

Apt Elev
368'

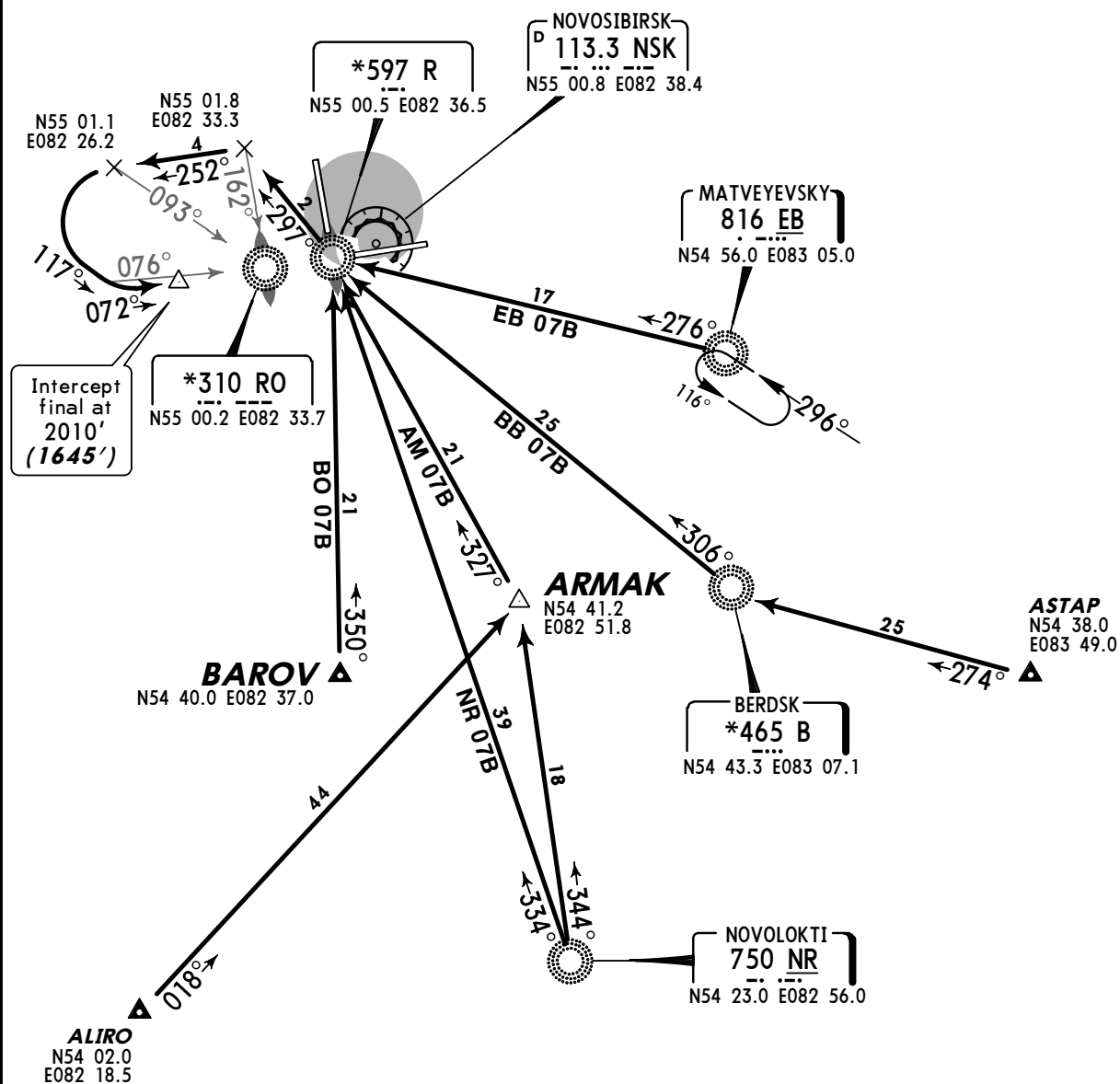
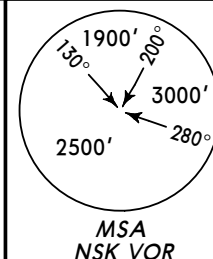
Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' (**4275'**)

(QFE)

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**)



UNNT/OVB
TOLMACHEVO

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

NOVOSIBIRSK, RUSSIA

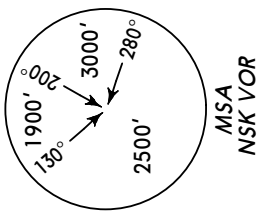
STAR

ATIS
131.3 (Russian 127.4)

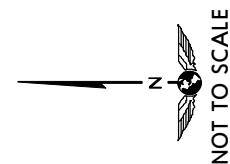
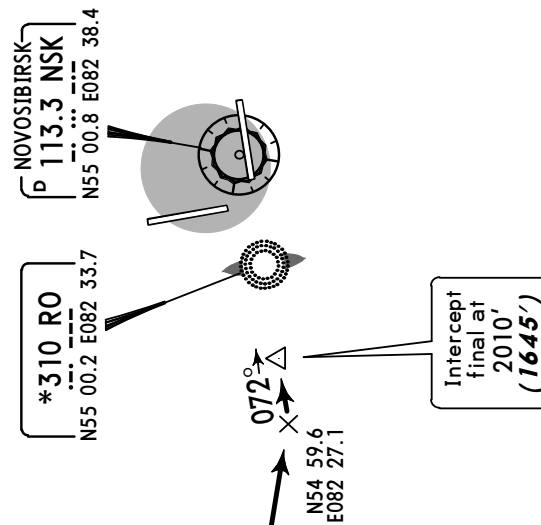
Apt Elev
368'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' (**4275'**)

(QFE)



GL 07B
RWY 07 ARRIVAL
CAT B
FROM WEST



GOLIM
N55 07.0 E080 58.0

FL CONVERSION
FL59 FL1800m

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

UNNT/OVB
TOLMACHEVO

JEPPesen
25 JUN 10 **(10-2W)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

STAR

ATIS
131.3 (Russian 127.4)

Apt Elev
368'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' (**4277'**)

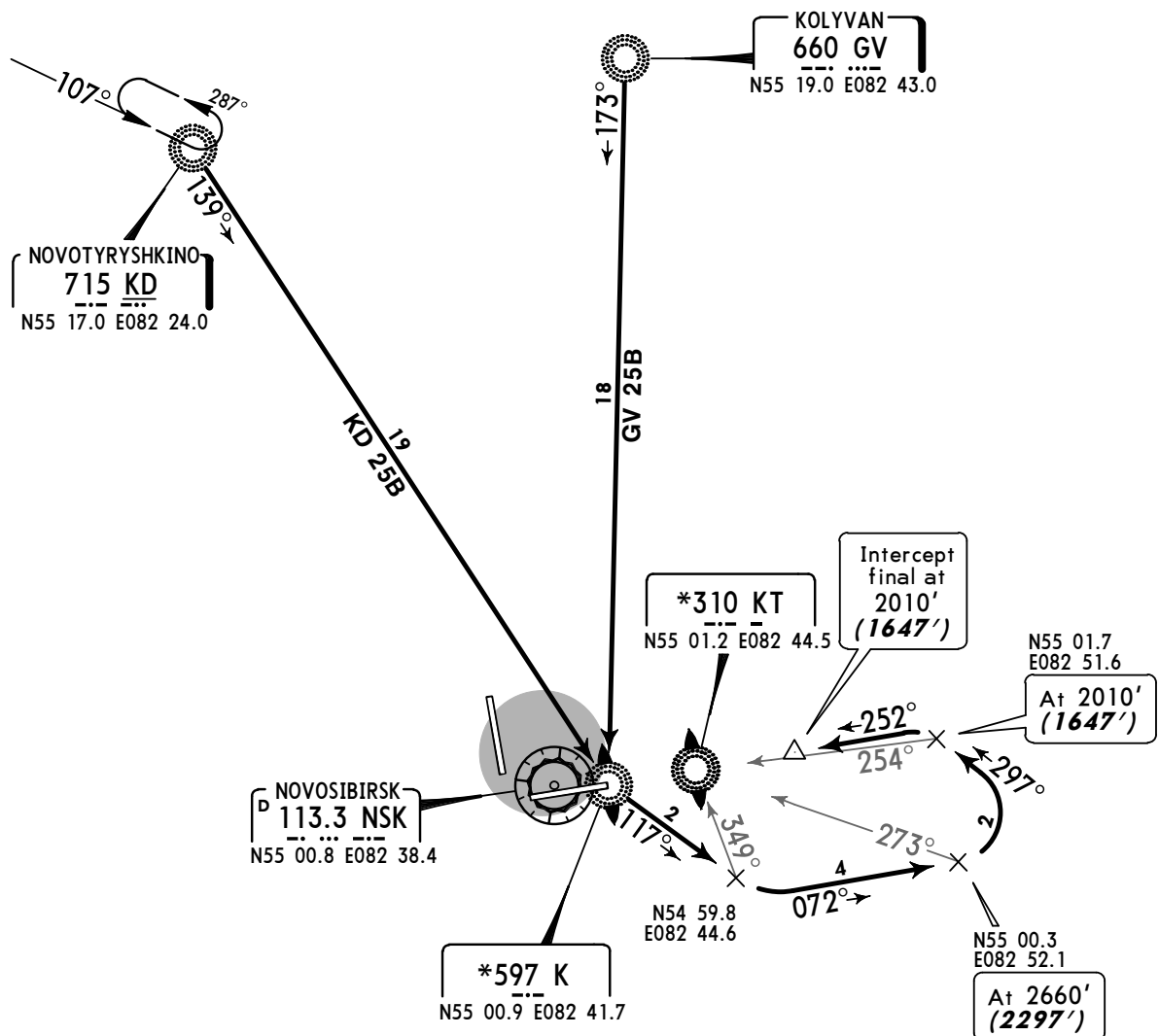
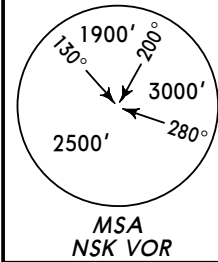
(QFE)

GV 25B, KD 25B
RWY 25 ARRIVALS

CAT B

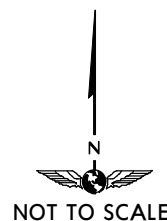
FROM NORTH

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**)



**UNNT/OVB
TOLMACHEVO**

25 JUN 10

JEPPESEN

NOVOSIBIRSK, RUSSIA

Eff 1 Jul**STAR**

ATIS
131.3 (Russian 127.4)

Apt Elev
368'

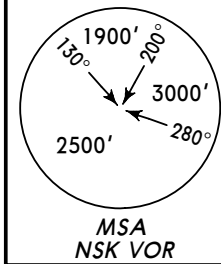
Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' **(4272')**

(QFE)

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

①
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

Intercept
final at
2010'
(1642')

N54 55.0
E082 38.0
At 2010'
(1642')

At 2010'
(1642')

N54 54.2
E082 42.0
At 2670'
(2302')

N54 53.6
E082 41.2
At 2670'
(2302')

FL CONVERSION
FL59 ***FL1800m***

ALT/HEIGHT CONVERSION
QNH (QFE)
4640' (4272' - 1300m)
4310' (3942' - 1200m)
2670' (2302' - 700m)
2010' (1642' - 500m)

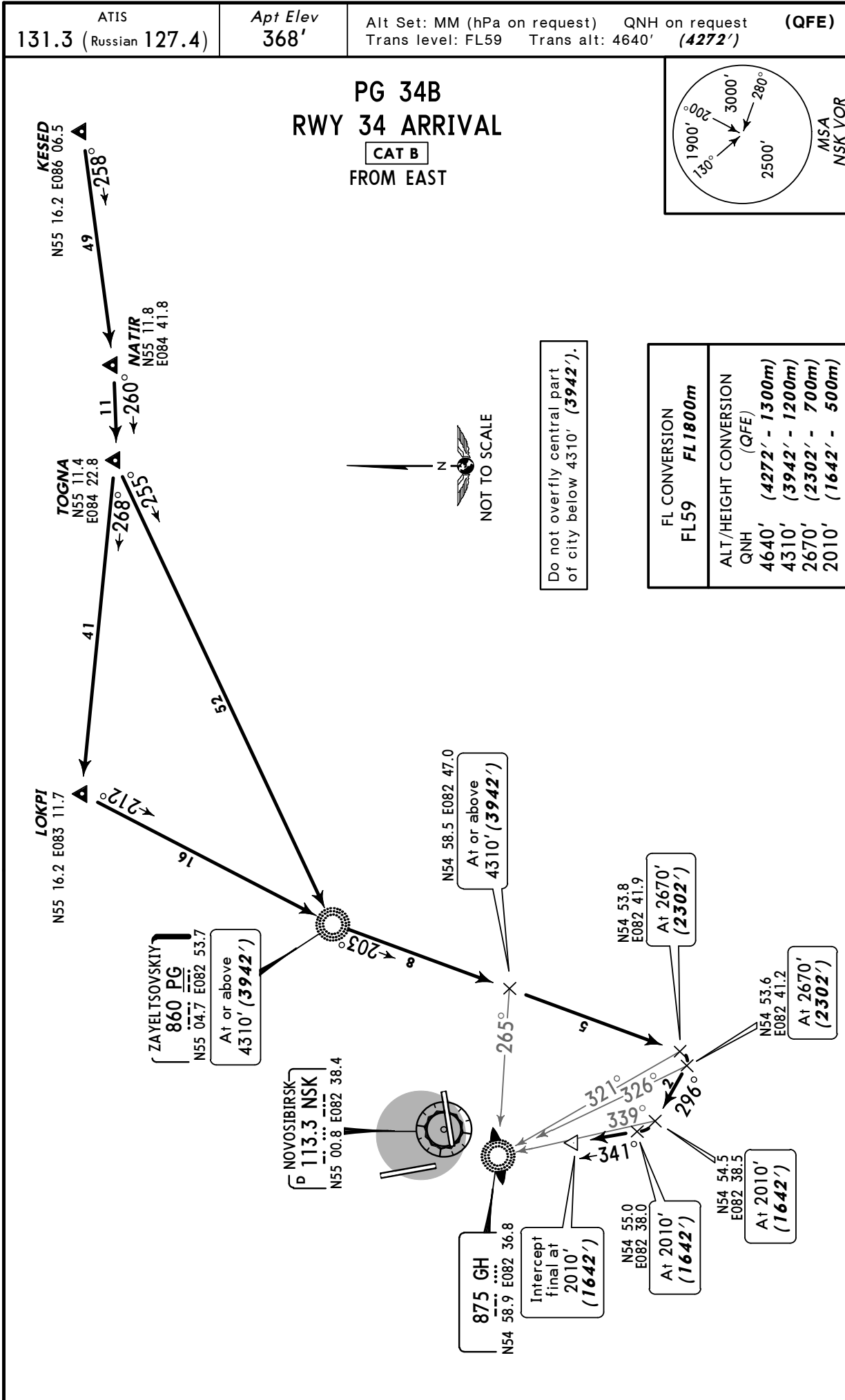


UNNT/OVB
TOLMACHEVO

JEPPESSEN
 25 JUN 10 **(10-2X2)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

STAR



UNNT/OVB
TOLMACHEVO

JEPPESSEN
25 JUN 10 **(10-2X3)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

STAR

ATIS
131.3 (Russian 127.4)

Apt Elev
368'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' (**4272'**)

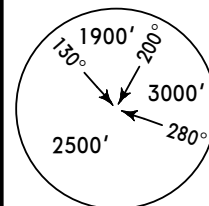
(QFE)

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

CAT B

FROM SOUTH

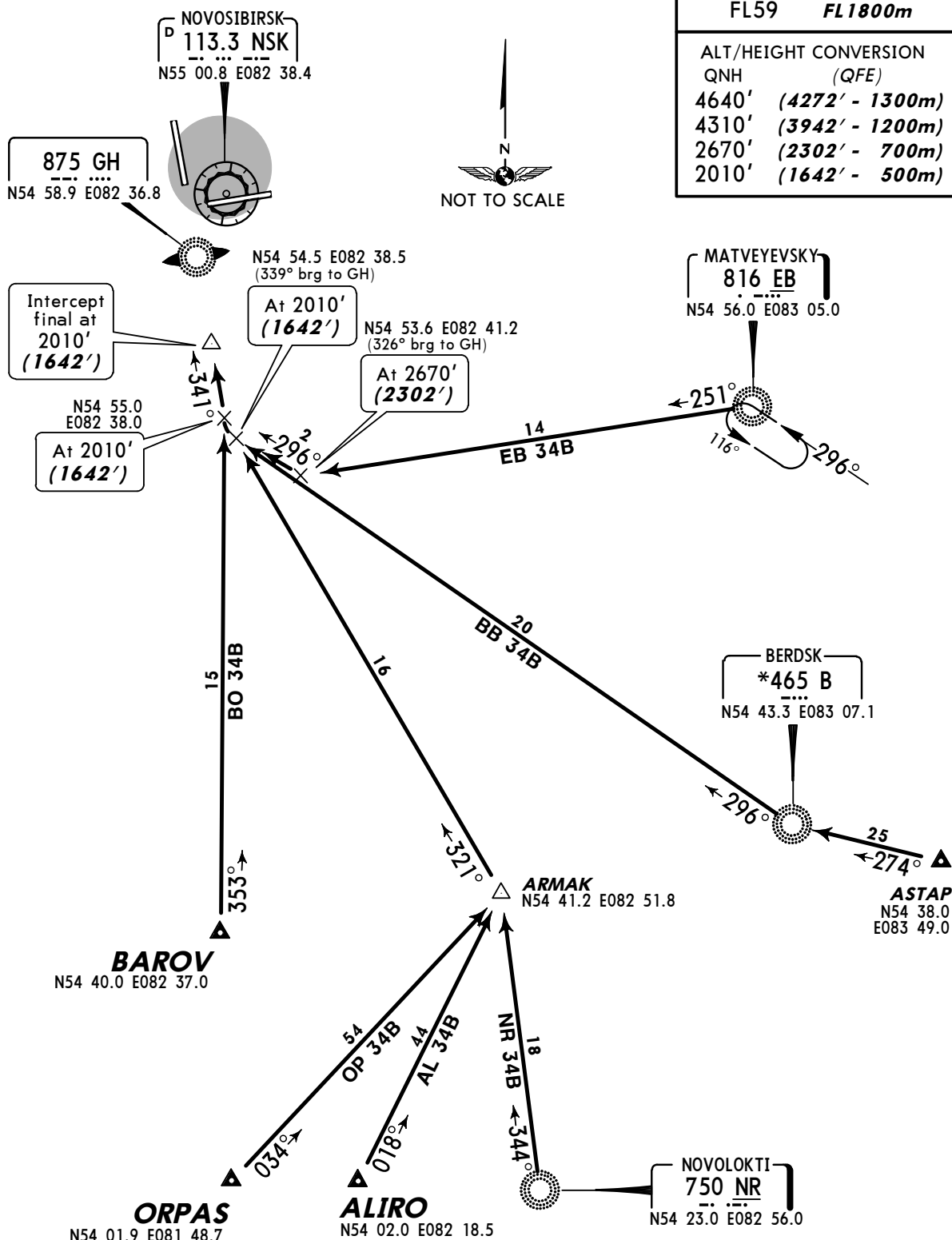
Do not overfly central part
of city below 4310' (**3942'**).



MSA
NSK VOR

FL CONVERSION
FL59 **FL 1800m**

ALT/HEIGHT CONVERSION
QNH (QFE)
4640' (**4272' - 1300m**)
4310' (**3942' - 1200m**)
2670' (**2302' - 700m**)
2010' (**1642' - 500m**)



**UNNT/OVB
TOLMACHEVO**

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

NOVOSIBIRSK, RUSSIA

STAR

ATIS
131.3 (Russian 127.4)

Apt Elev
368'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL59 Trans alt: 4640' **(4272')**

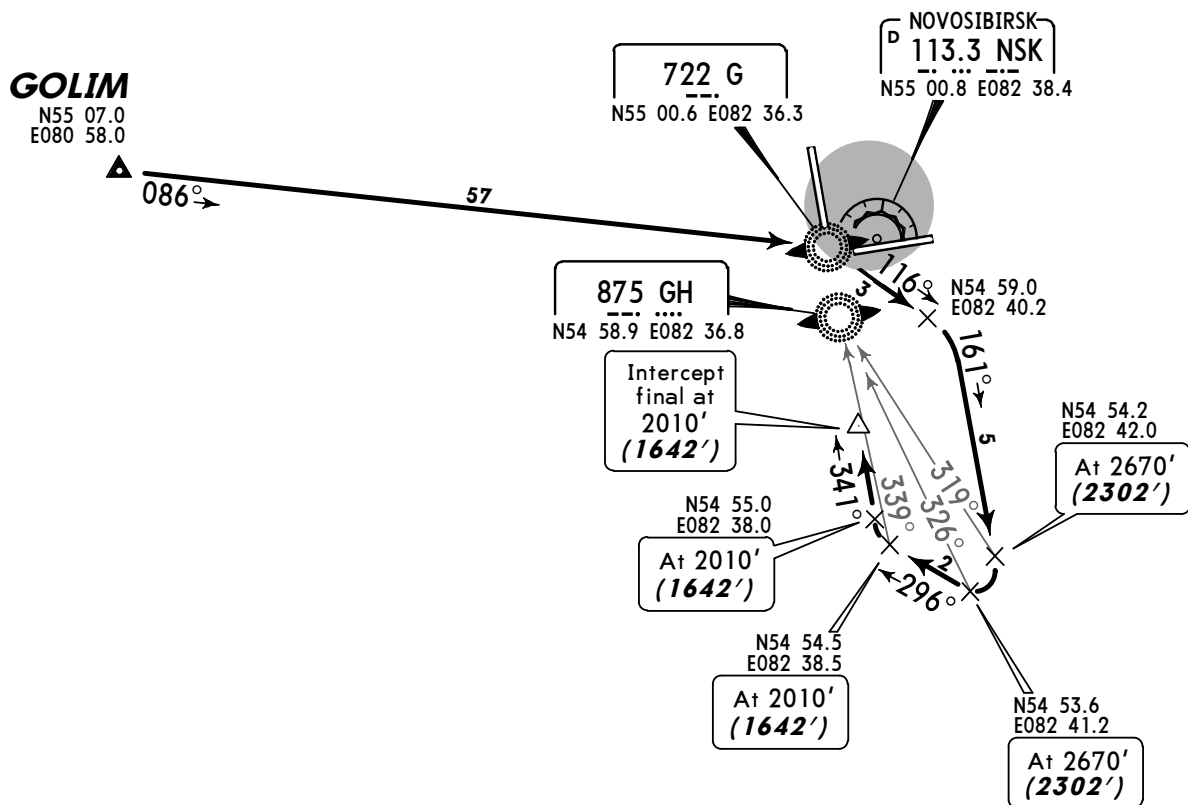
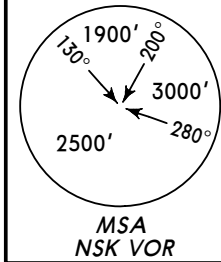
(QFE)

GL 34B
RWY 34 ARRIVAL

CAT B

FROM WEST

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)

UNNT/OVB
TOLMACHEVO

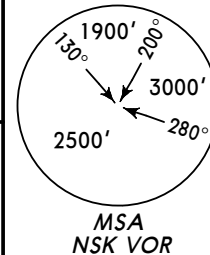
JEPPESEN
25 JUN 10 **10-3** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

SID

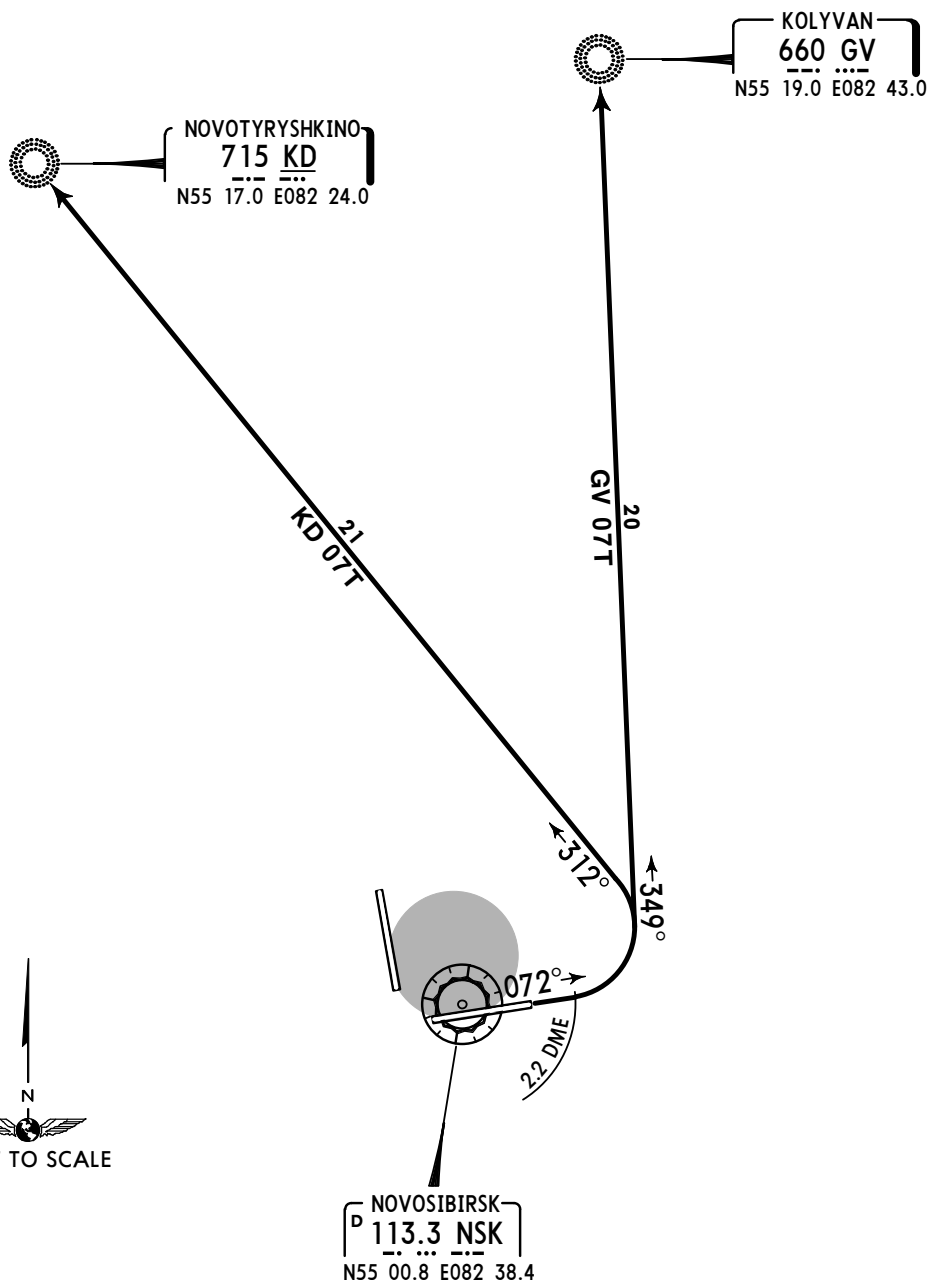
Apt Elev
368'

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.



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**

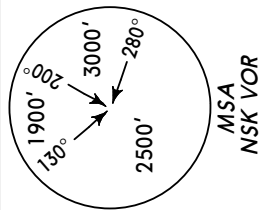
UNNT/OVB
TOLMACHEVO

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

NOVOSIBIRSK, RUSSIA
SID

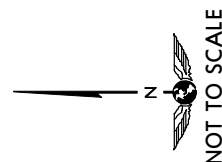
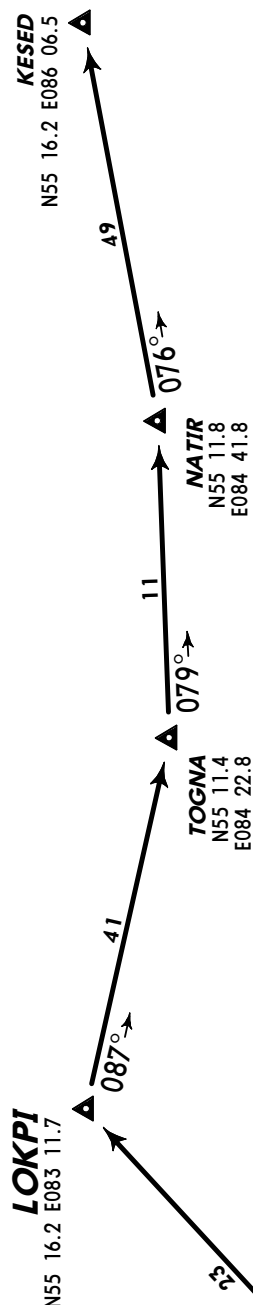
Apt Elev
368'

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.



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

LK 07T
RWY 07 DEPARTURE
TO EAST



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

FL CONVERSION
 FL59 **FL1800m**

NOVOSIBIRSK
 113.3 **NSK**
 N55 00.8 E082 38.4

UNNT/OVB
TOLMACHEVO

JEPPESSEN
25 JUN 10 **10-3B** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

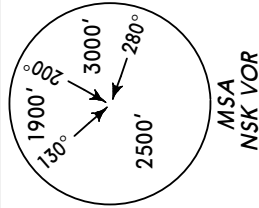
SID

Apt Elev
368'

QNH on request (QFE)

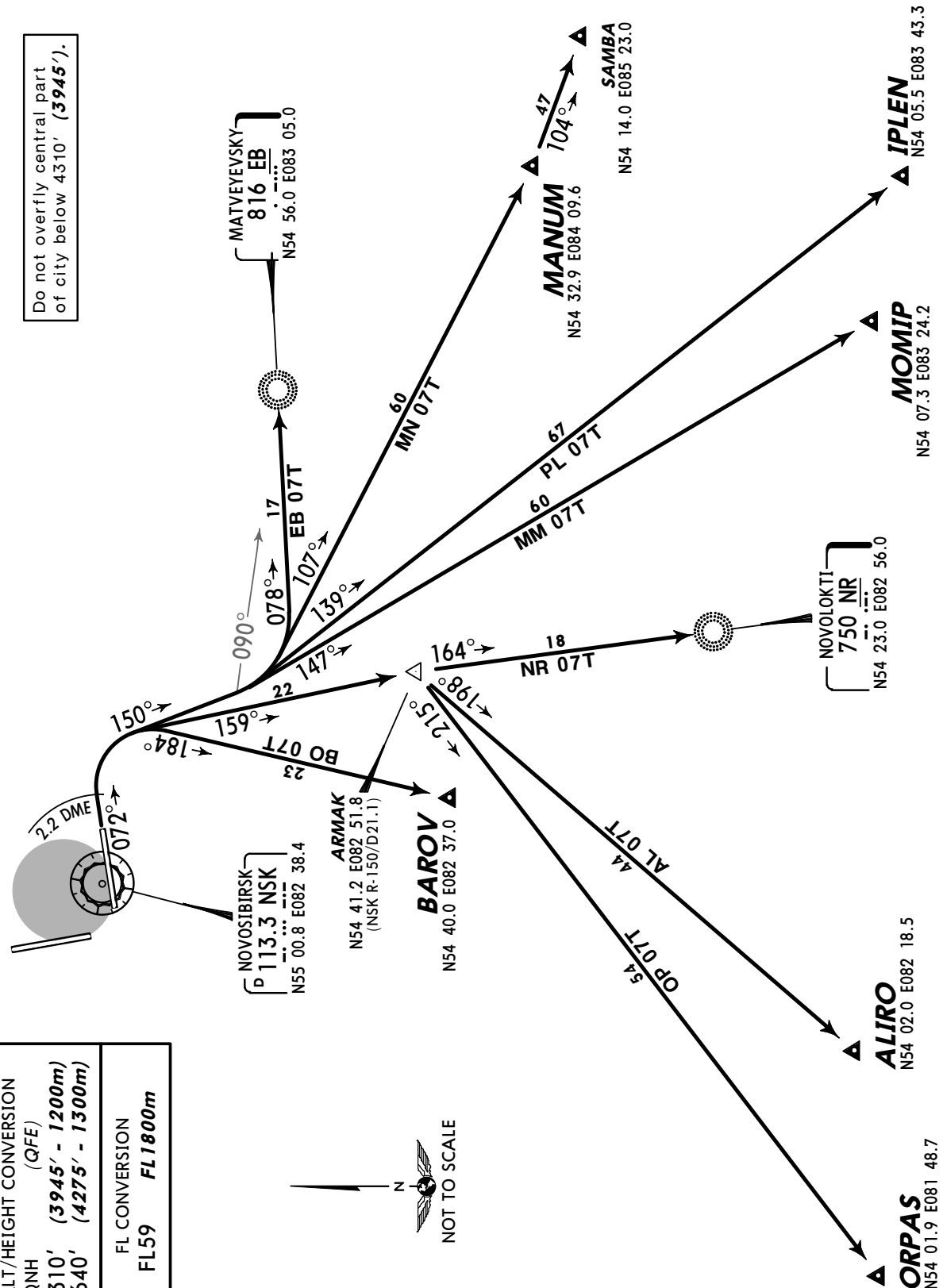
Trans level: FL59 Trans alt: 4640' **(4275')**

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')**.



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

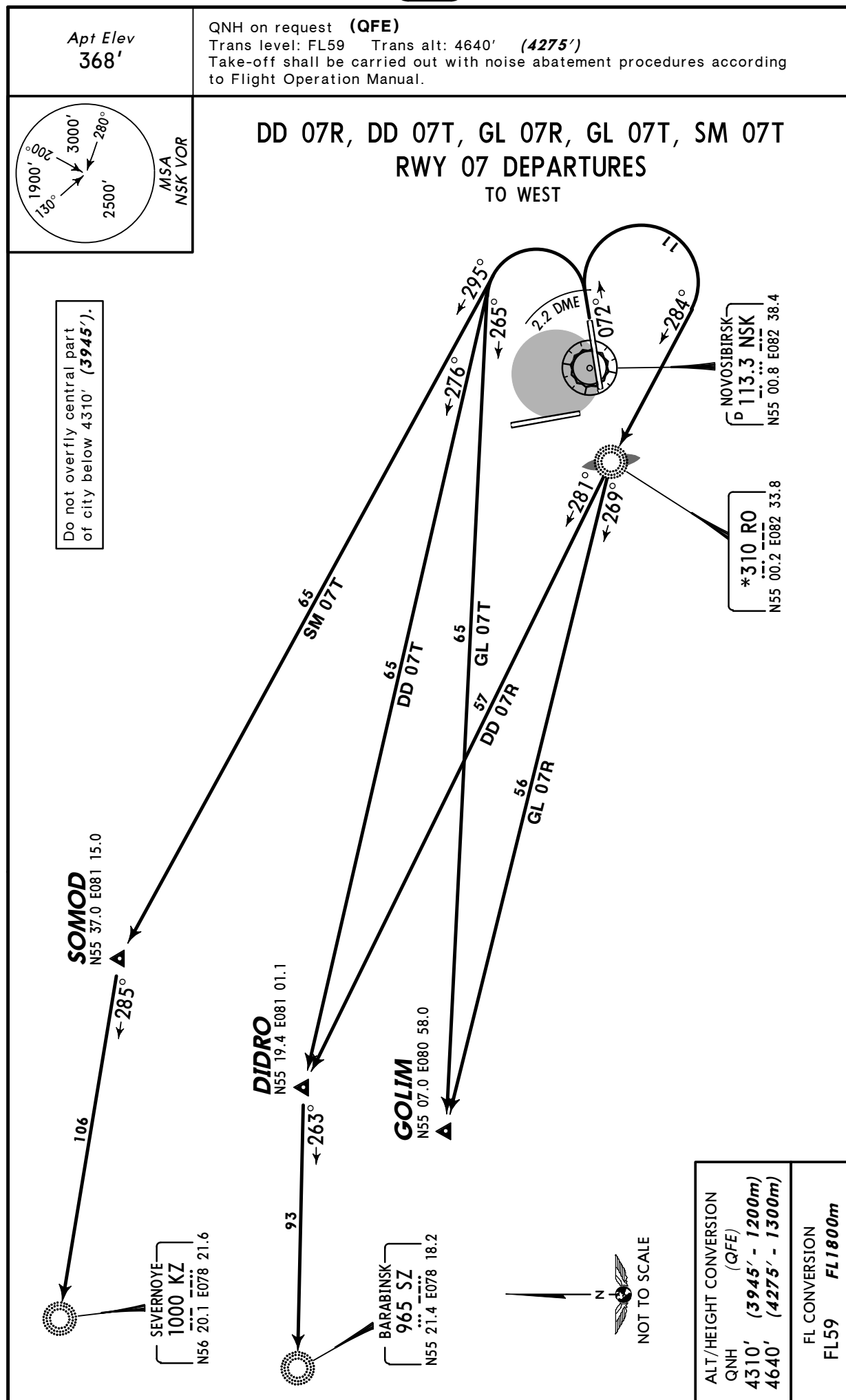
FL CONVERSION
FL59 **FL1800m**

UNNT/OVB
TOLMACHEVO

JEPPESSEN
 25 JUN 10 **10-3C** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

SID



ALT/HEIGHT CONVERSION QNH (QFE) 4310' (3945' - 1200m) 4640' (4275' - 1300m)	FL CONVERSION FL59 FL1800m
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UNNT/OVB
TOLMACHEVO

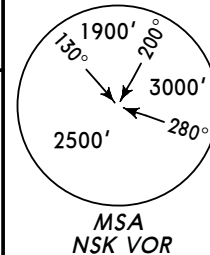
JEPPESEN
25 JUN 10 **(10-3D)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

SID

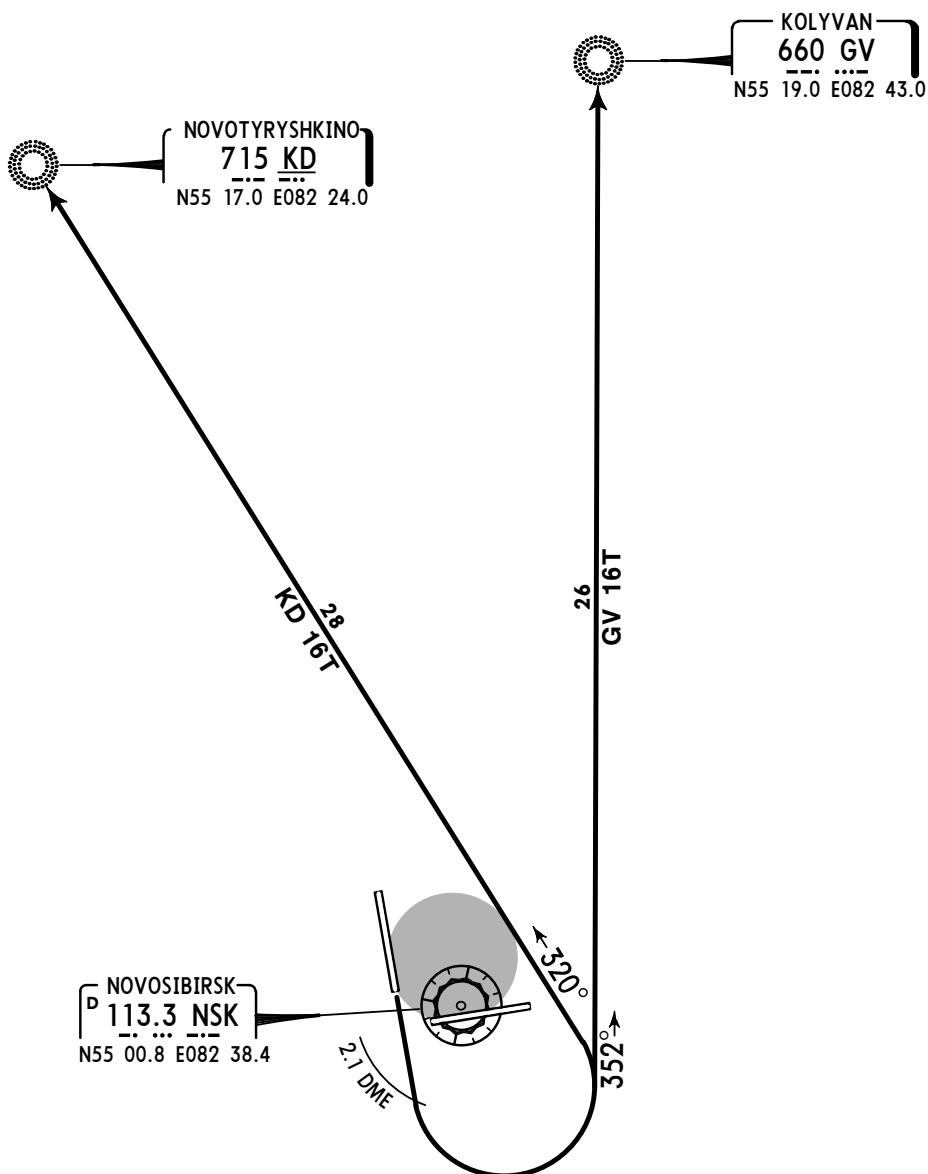
Apt Elev
368'

QNH on request **(QFE)**
Trans level: FL59 Trans alt: 4640' **(4278')**



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

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



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

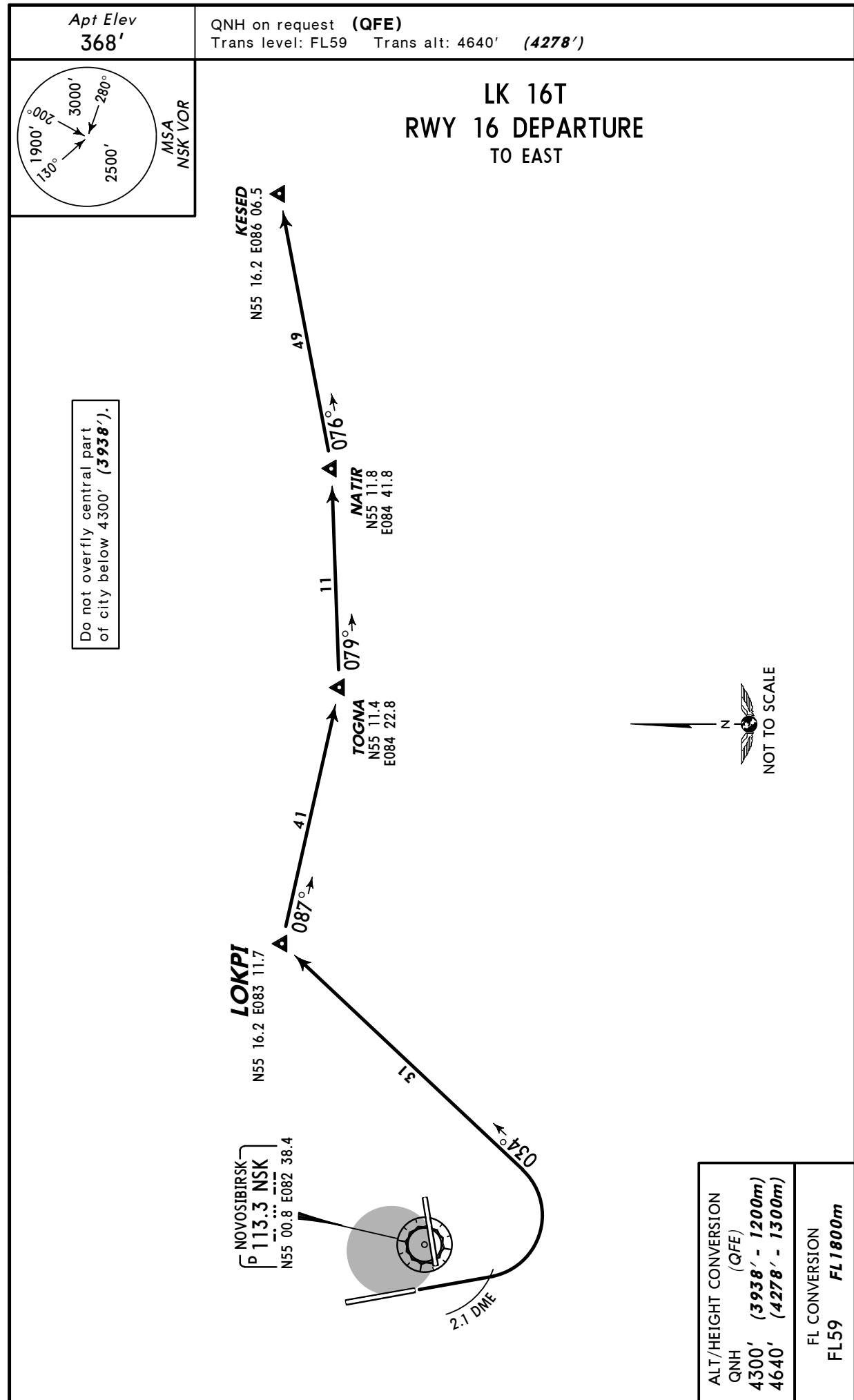
FL CONVERSION
FL59 **FL1800m**

UNNT/OVB
TOLMACHEVO

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

NOVOSIBIRSK, RUSSIA

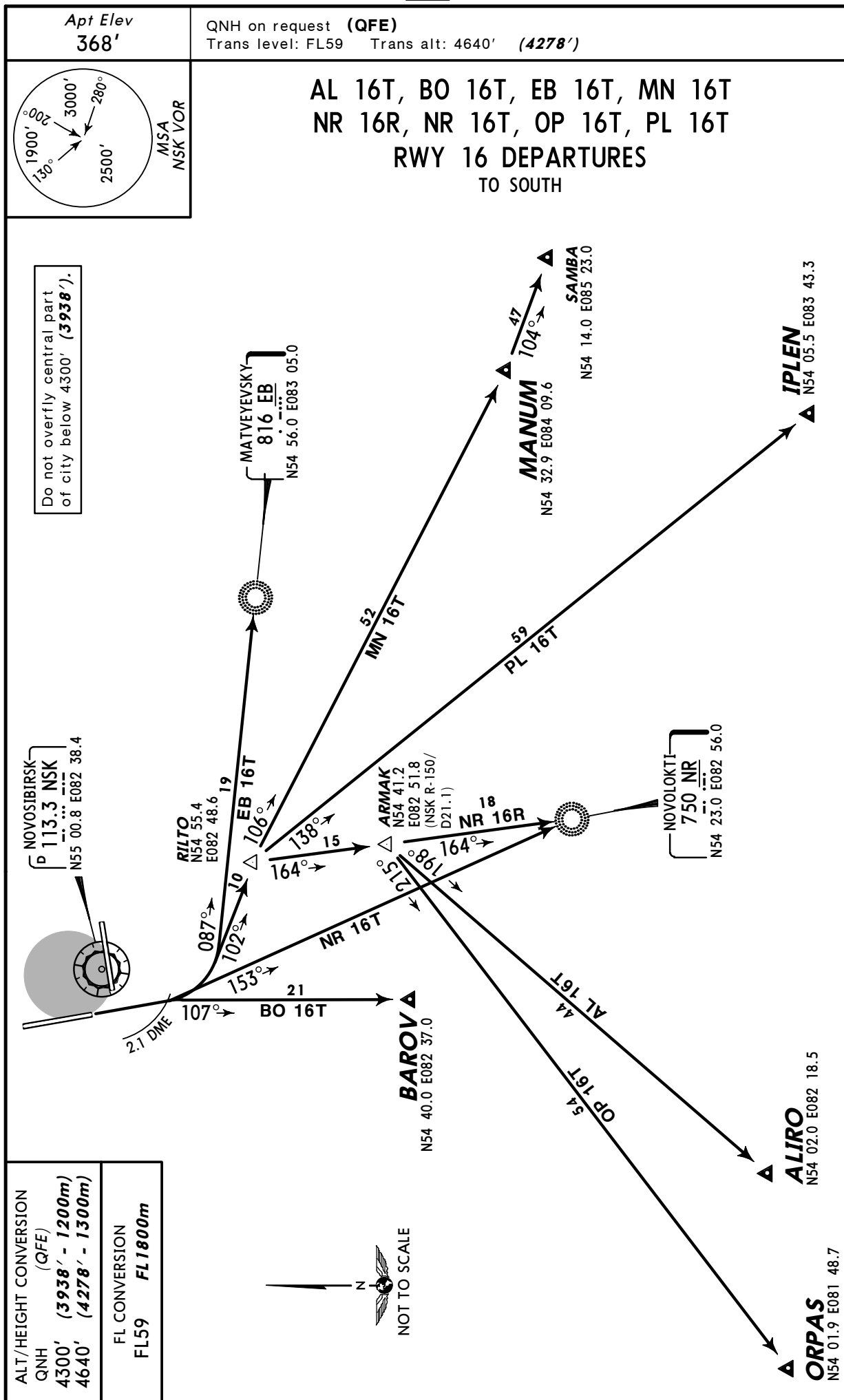
SID



UNNT/OVB
TOLMACHEVO

JEPPESSEN
 25 JUN 10 **10-3F** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA
SID

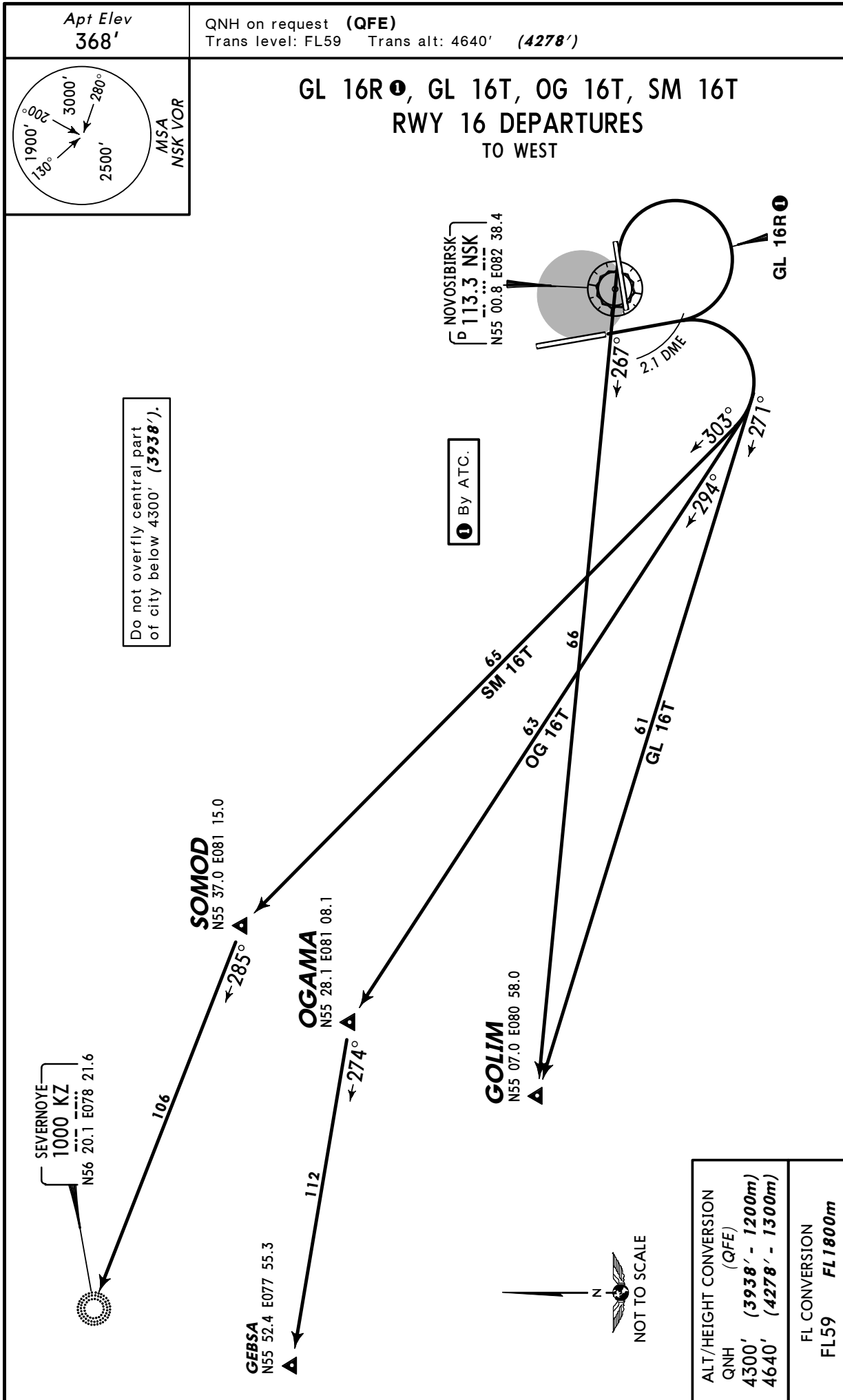


UNNT/OVB
TOLMACHEVO

JEPPESSEN
 25 JUN 10 **(10-3G)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

SID



UNNT/OVB
TOLMACHEVO

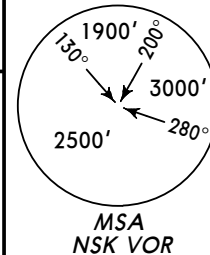
JEPPESEN
25 JUN 10 **(10-3H)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

SID

Apt Elev
368'

QNH on request **(QFE)**
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')**.

KENGA
N56 19.2 E080 42.1



43
← 307°

KEGAV
N55 47.6 E081 35.1



NOVOTYRYSHKINO
715 KD
N55 17.0 E082 24.0



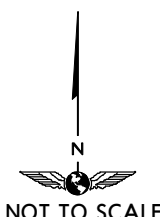
KOLYVAN
660 GV
N55 19.0 E082 43.0



60
KG 25T

19
KD 25T

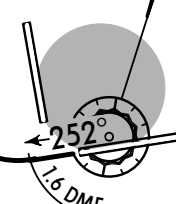
22
GV 25T



NOVOSIBIRSK
113.3 NSK
N55 00.8 E082 38.4



← 333°
← 316°
010°



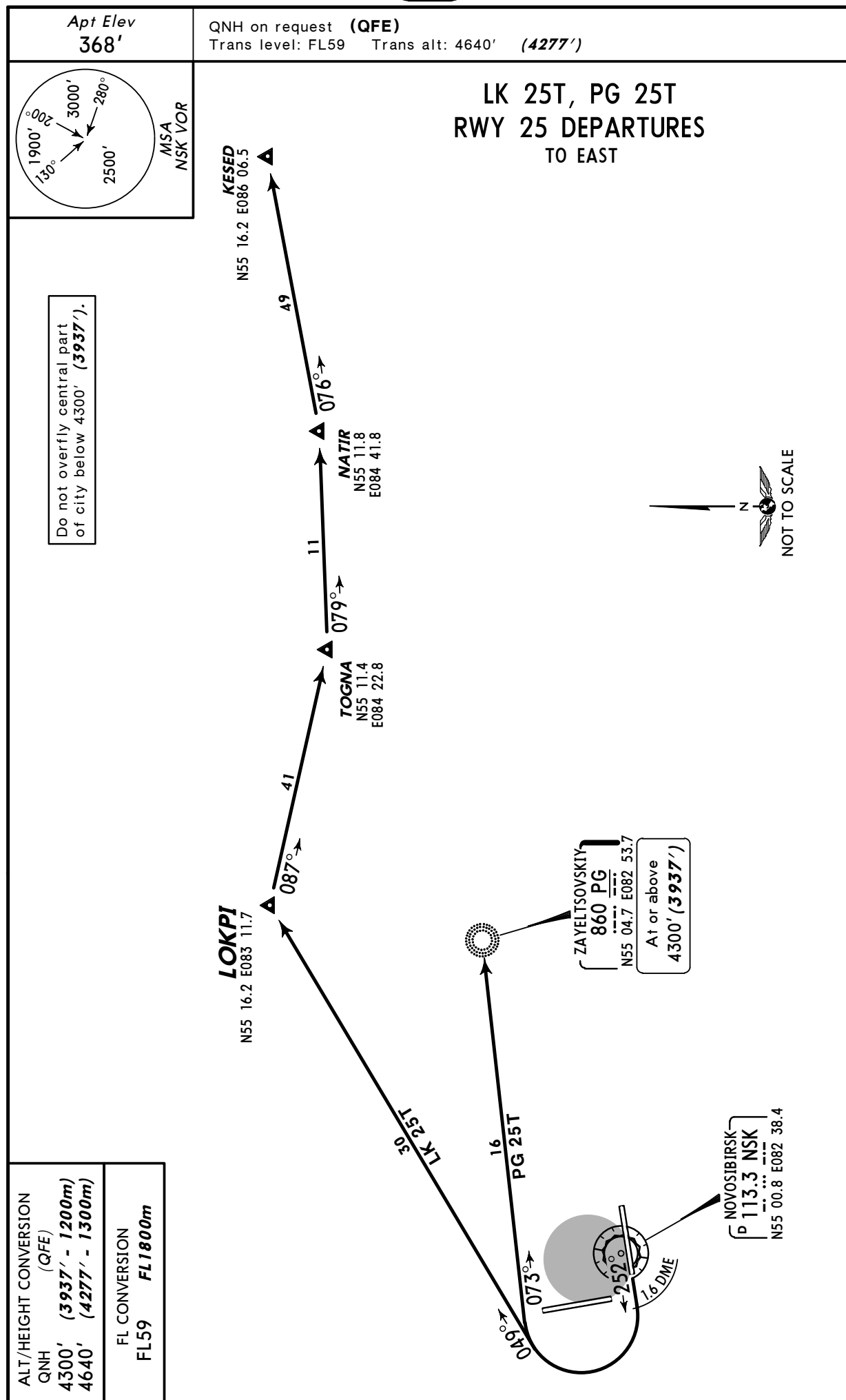
ALT/HEIGHT CONVERSION
QNH **(QFE)**
4300' **(3937' - 1200m)**
4640' **(4277' - 1300m)**

FL CONVERSION
FL59 **FL1800m**

UNNT/OVB
TOLMACHEVO

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

NOVOSIBIRSK, RUSSIA
SID



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

JEPPESSEN
 25 JUN 10 **(10-3K)** **Eff 1 Jul**

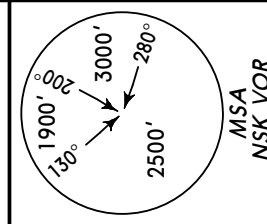
NOVOSIBIRSK, RUSSIA

SID

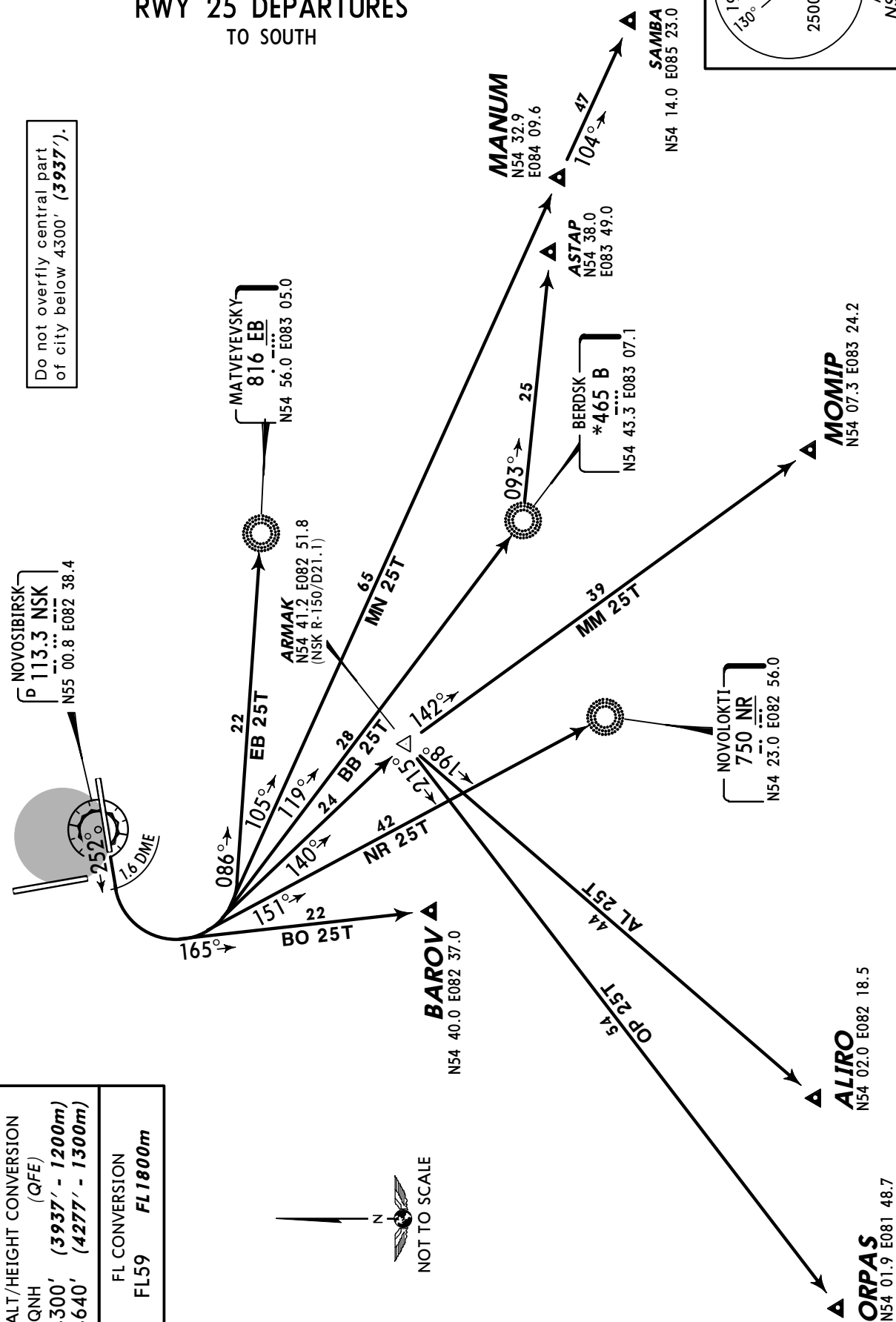
Apt Elev
368'

QNH on request **(QFE)**
 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



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**

UNNT/OVB
TOLMACHEVO

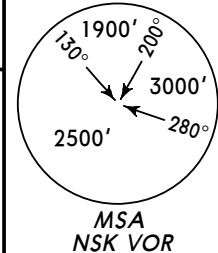
JEPPESEN
25 JUN 10 **(10-3L)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

SID

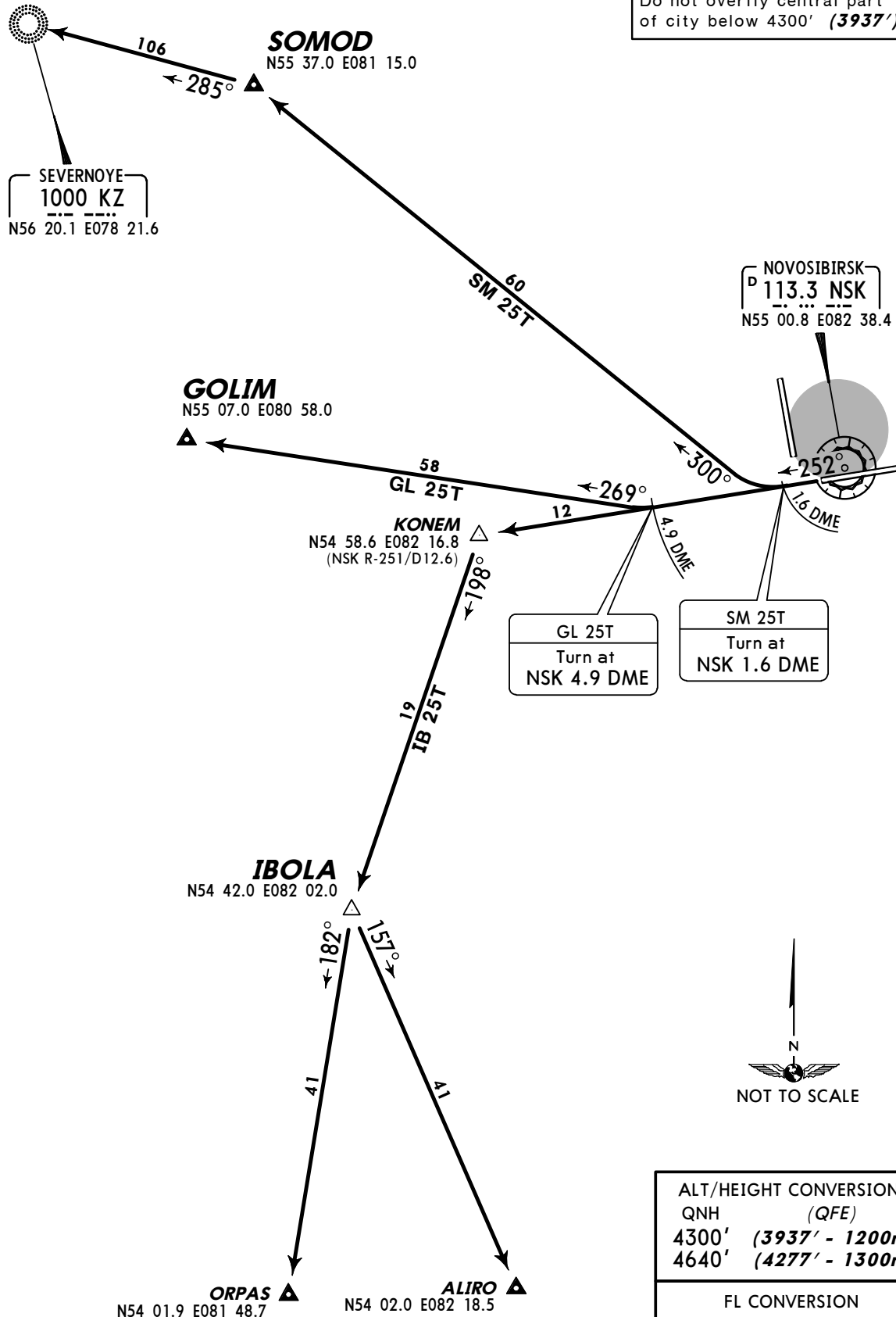
Apt Elev
368'

QNH on request **(QFE)**
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')**.



UNNT/OVB
TOLMACHEVO

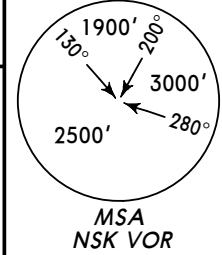
JEPPESEN
25 JUN 10 **(10-3M)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

SID

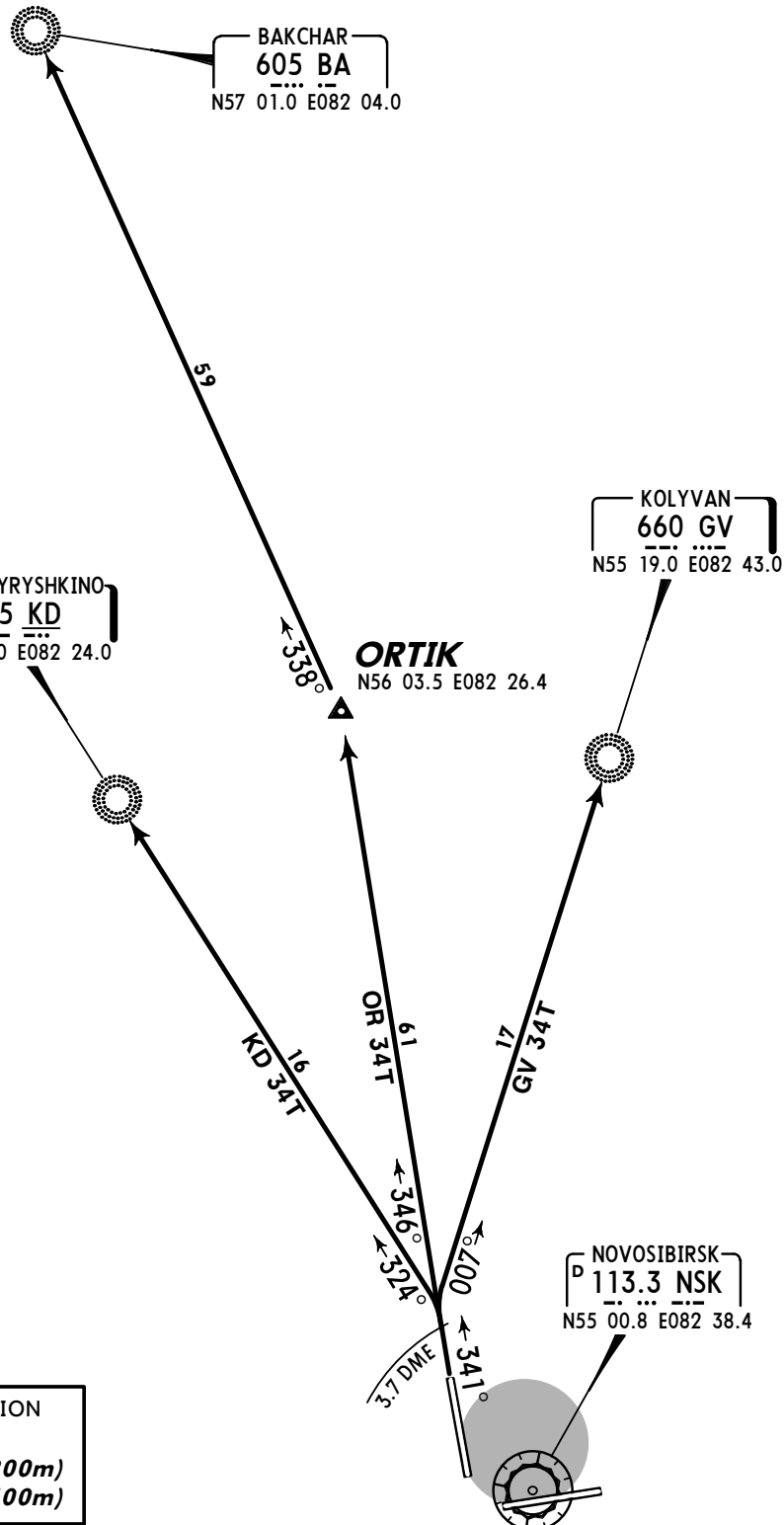
Apt Elev
368'

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



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

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



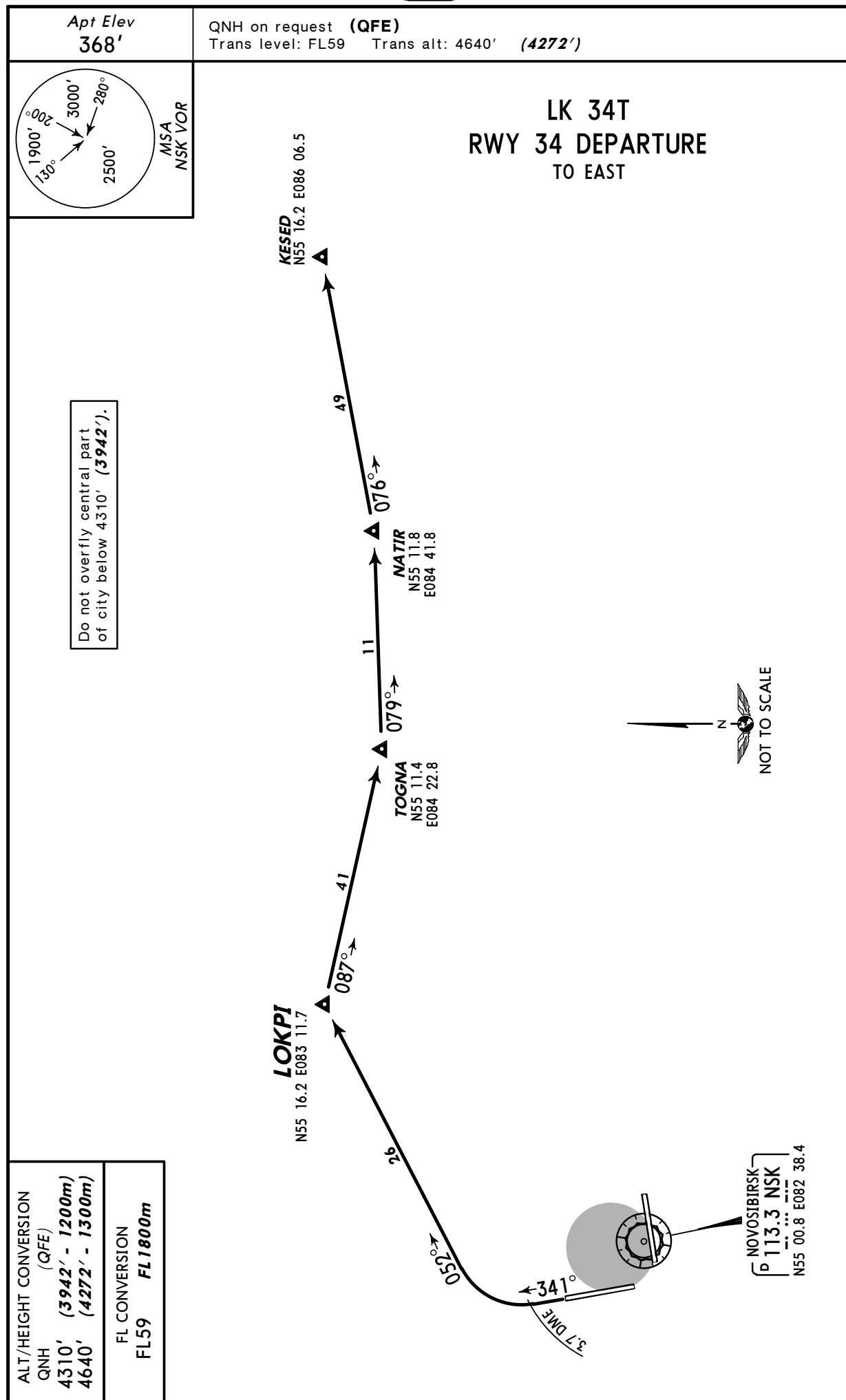
ALT/HEIGHT CONVERSION
QNH **(QFE)**
4310' **(3942' - 1200m)**
4640' **(4272' - 1300m)**

FL CONVERSION
FL59 **FL1800m**

UNNT/OVB
TOLMACHEVO

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

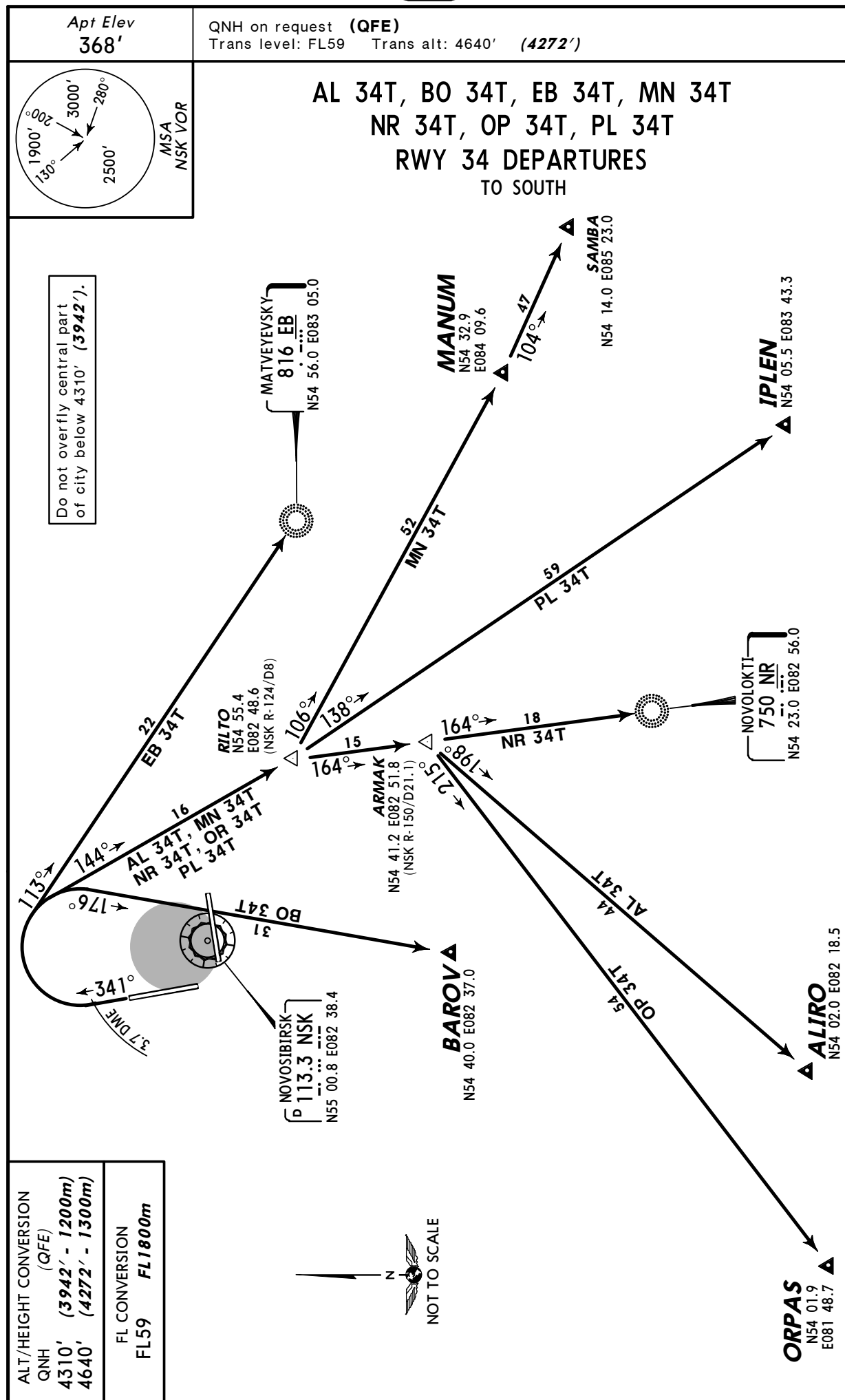
NOVOSIBIRSK, RUSSIA
SID



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TOLMACHEVO

JEPPESEN
 25 JUN 10 **10-3P** Eff 1 Jul

NOVOSIBIRSK, RUSSIA
SID



UNNT/OVB
TOLMACHEVO

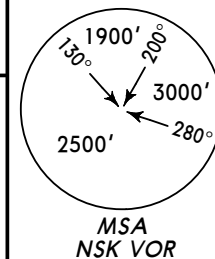
JEPPESEN
25 JUN 10 **(10-3Q)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

SID

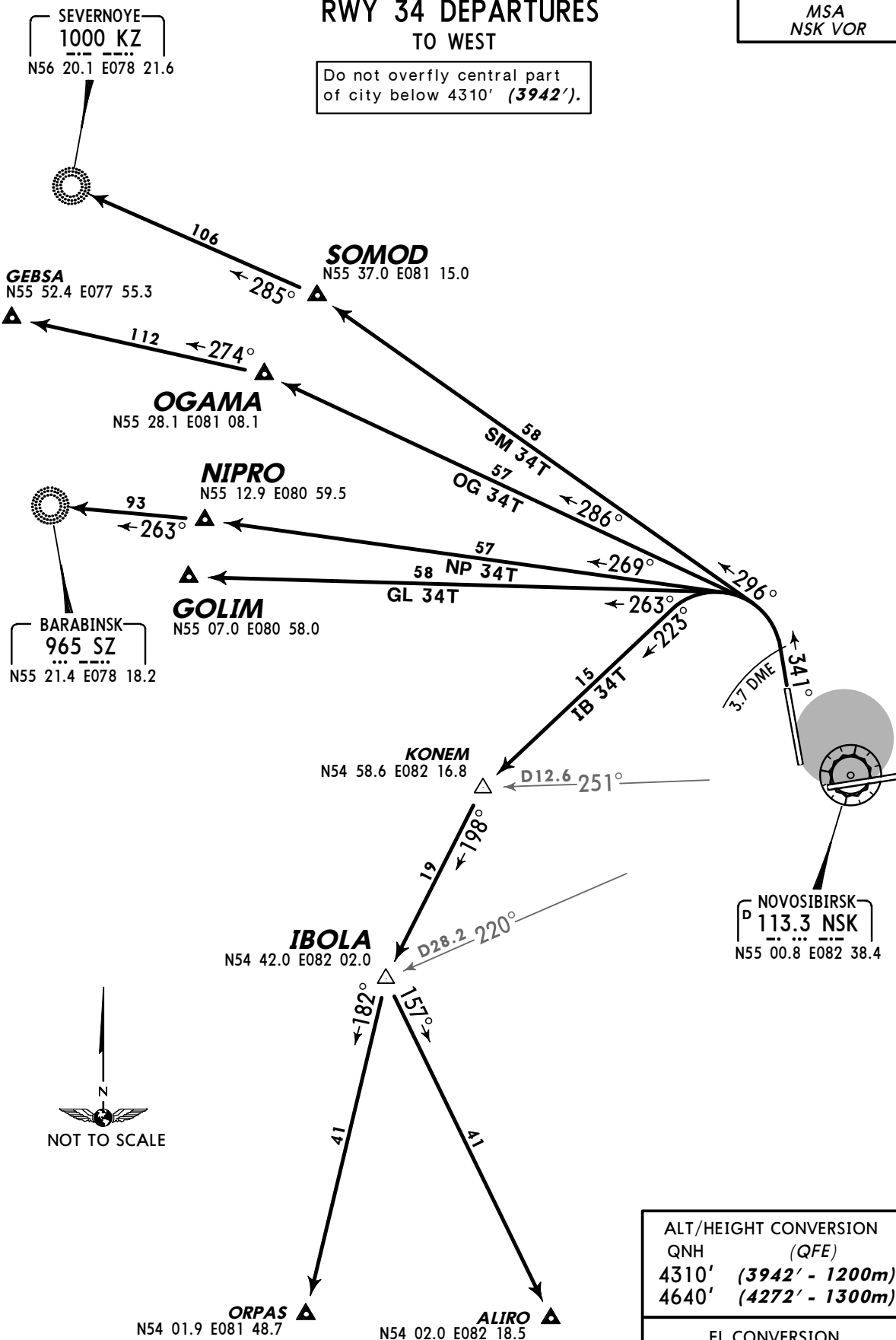
Apt Elev
368'

QNH on request **(QFE)**
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**

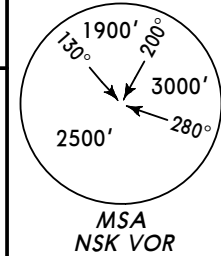
UNNT/OVB
TOLMACHEVO

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

NOVOSIBIRSK, RUSSIA
SID

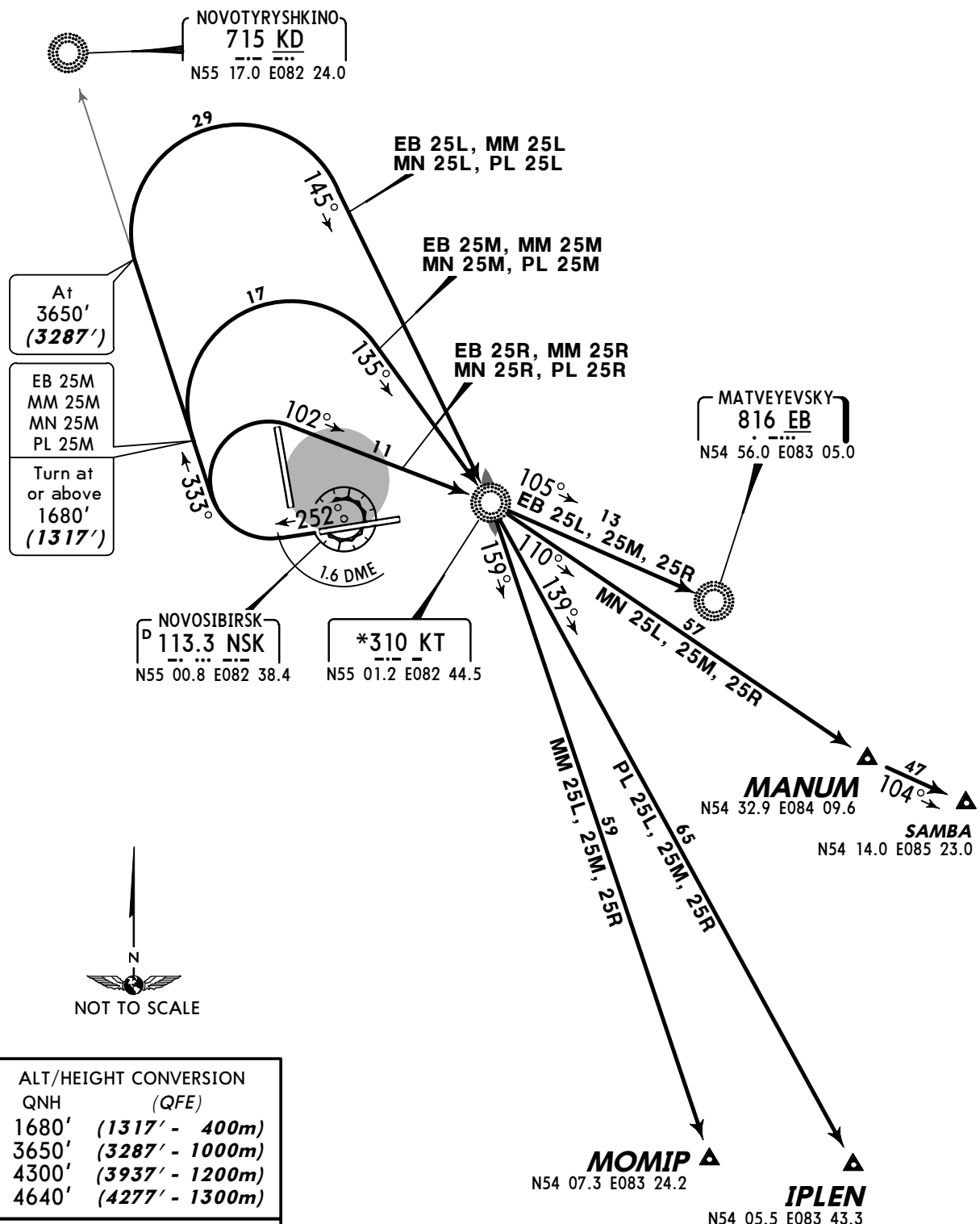
Apt Elev
368'

QNH on request **(QFE)**
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')**.



UNNT/OVB
TOLMACHEVO

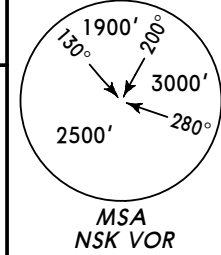
JEPPesen
25 JUN 10 **10-3T** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

SID

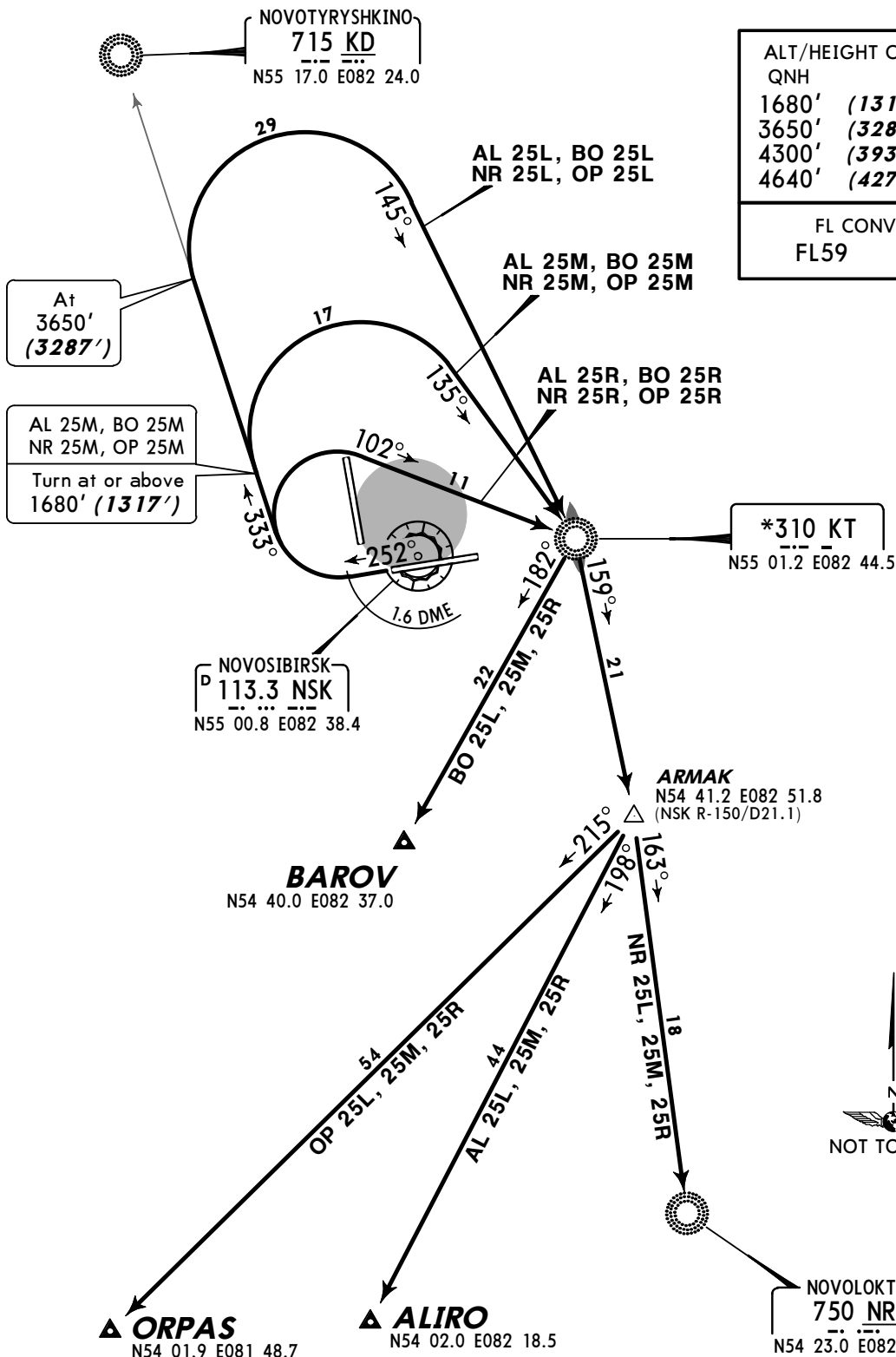
Apt Elev
368'

QNH on request **(QFE)**
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')**.



UNNT/OVB
TOLMACHEVO

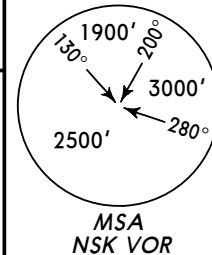
JEPPESEN
25 JUN 10 **(10-3U)** **Eff 1 Jul**

NOVOSIBIRSK, RUSSIA

SID

Apt Elev
368'

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



GL 25R
RWY 25 DEPARTURE
BY ATC
TO WEST

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

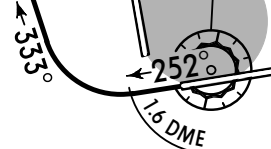
NOVOTYRYSHKINO
715 KD
N55 17.0 E082 24.0

GOLIM
N55 07.0 E080 58.0

60 ← 263°

At or above
1680' **(1317')**

NOVOSIBIRSK
113.3 NSK
N55 00.8 E082 38.4



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

FL CONVERSION
FL59 **FL1800m**

UNNT/OVB
TOLMACHEVO**JEPPESEN**
9 JUL 04 **10-4****NOVOSIBIRSK, RUSSIA**
NOISE

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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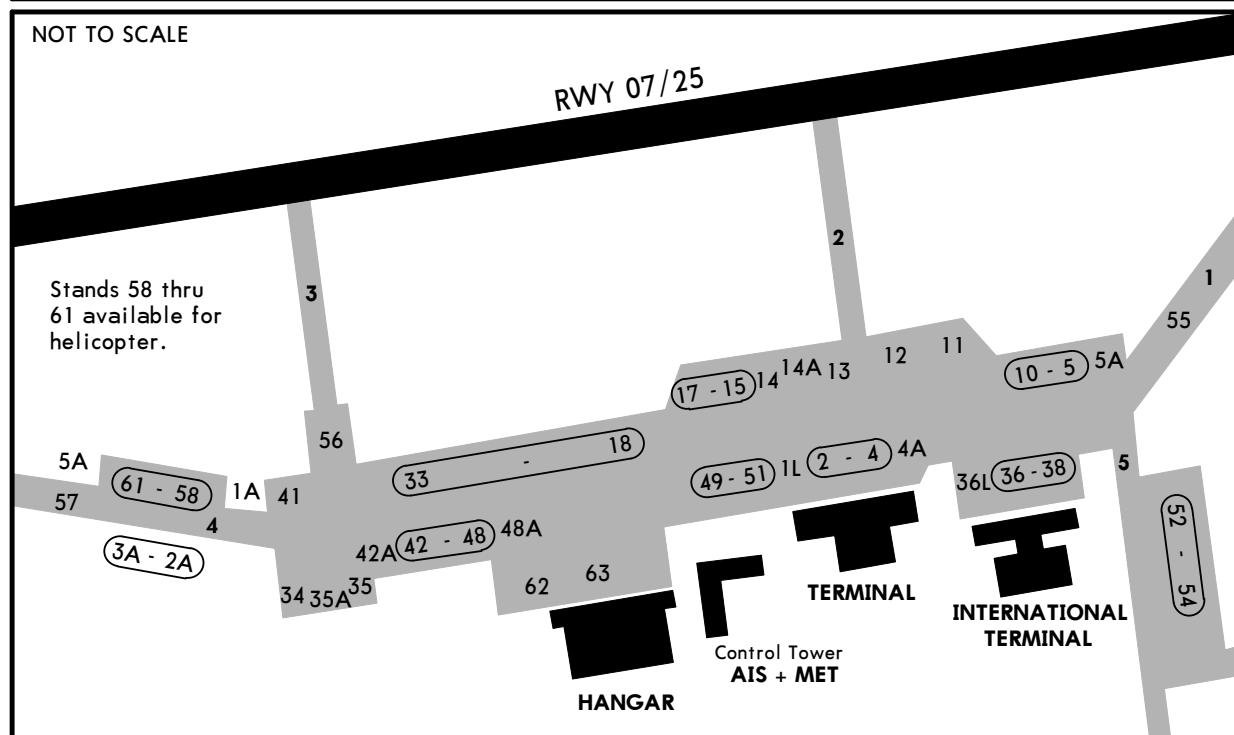
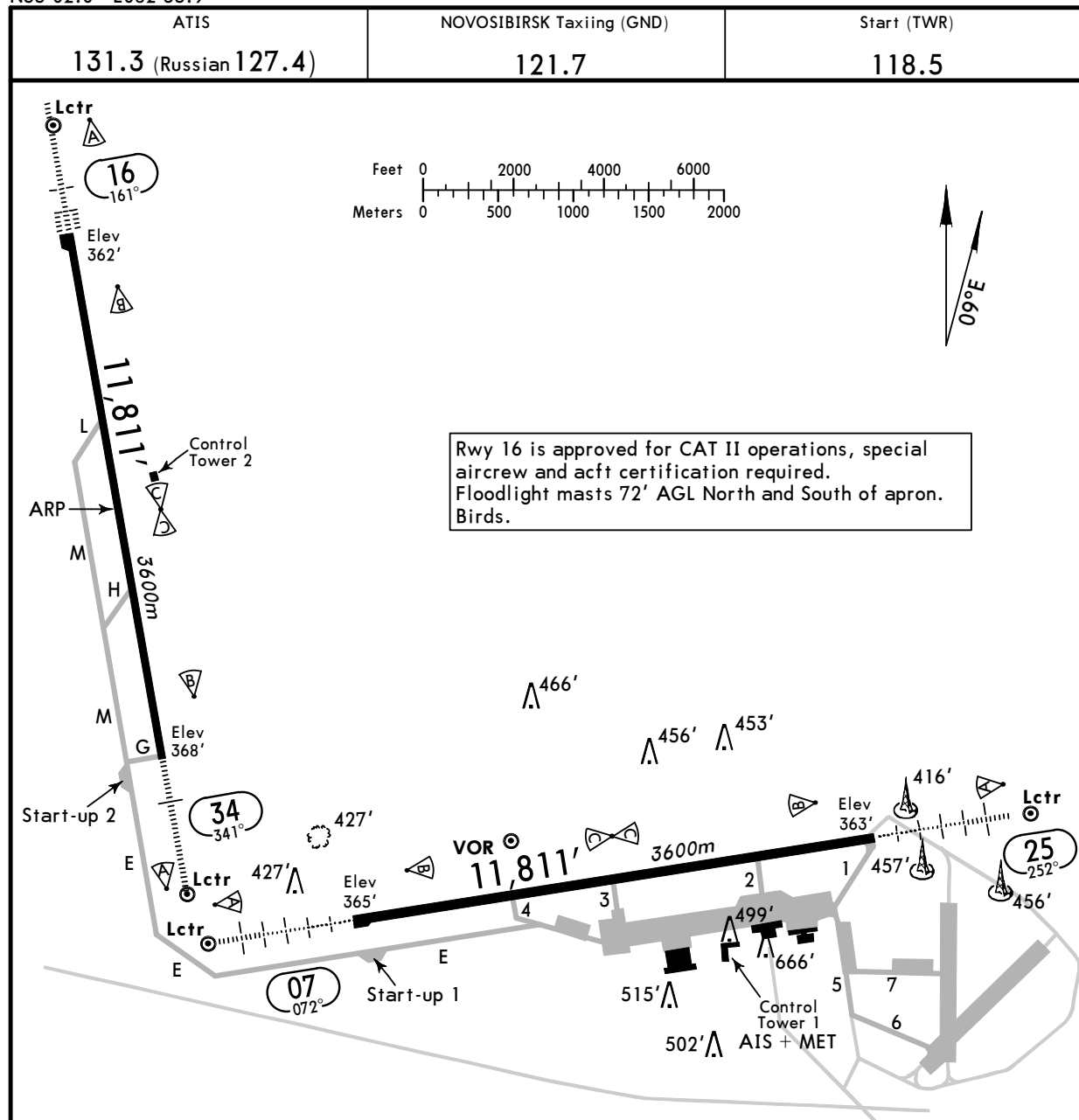
Apt Elev **368'**
N55 02.0 E082 35.9

JEPPESSEN

29 OCT 10 (10-9)

NOVOSIBIRSK, RUSSIA

TOLMACHEVO



UNNT/OVB

 JEPPESEN
29 OCT 10 (10-9A)

NOVOSIBIRSK, RUSSIA

TOLMACHEVO

ADDITIONAL RUNWAY INFORMATION									
RWY					USABLE LENGTHS		TAKE-OFF	WIDTH	
					Threshold	Glide Slope			
07						10,778' 3285m	❶	197'	
25	HIRL (60m)	HIALS	PAPI-L (angle 3.0°)	RVR		11,204' 3415m		60m	
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'
34	HIRL (60m)	CL (15m)	HIALS		PAPI-L (3.0°)	RVR	11,203' 3415m	❸	45m
❸ TAKE-OFF RUN AVAILABLE RWY 34: From rwy head 11,483' (3500m) twy H int 7546' (2300m)									

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

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 **JEPPESSEN**
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 ①	700' (335')	700' (335')	700' (335')	700' (335')
16	with FAF	R800m	R800m	R800m	R800m
	ALS out	R1500m	R1500m	R1500m	R1500m
	NDB ①	720' (355')	720' (355')	720' (355')	720' (355')
	w/o FAF	R1000m	R1000m	R1200m	R1200m
	ALS out	R1600m	R1600m	R1600m	R1600m
	CAT 2 ILS	462' (100')	462' (100')	462' (100')	462' (100')
		RA 104' R300m	RA 104' R300m	RA 104' R300m	RA 104' 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			
25	NDB ①	670' (308')	670' (308')	670' (308')	670' (308')
	with FAF	R750m	R750m	R750m	R750m
	ALS out	R1400m	R1400m	R1400m	R1400m
	NDB ①	720' (358')	720' (358')	720' (358')	720' (358')
	w/o FAF	R1000m	R1000m	R1200m	R1200m
	ALS out	R1600m	R1600m	R1600m	R1600m
34	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 ①	710' (347')	710' (347')	710' (347')	710' (347')
	with FAF	R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m
	NDB ①	1300' (937')	1300' (937')	1300' (937')	1300' (937')
	w/o FAF	C3800m	C3800m	C4000m	C4000m
	ALS out	C4500m	C4500m	C4700m	C4700m
	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 ①	700' (332')	700' (332')	700' (332')	700' (332')
	with FAF	R800m	R800m	R800m	R800m
	ALS out	R1500m	R1500m	R1500m	R1500m
	NDB ①	720' (352')	720' (352')	720' (352')	720' (352')
	w/o FAF	R1000m	R1000m	R1200m	R1200m
	ALS out	R1600m	R1600m	R1600m	R1600m

① Continuous Descent Final Approach.

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JEPPESEN
6 AUG 10 **10-9S1**

Standard
NOVOSIBIRSK, RUSSIA
TOLMACHEVO

TAKE-OFF RWY 07, 16, 25, 34

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

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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
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	700' (335')	700' (335')	700' (335')	700' (335')
	with FAF <i>ALS out</i>	R900m R1500m	R1000m R1500m	R1000m R1800m	R1400m R2000m
	NDB	700' (335')	700' (335')	700' (335')	700' (335')
	w/o FAF <i>ALS out</i>	R900m R1500m	R1000m R1500m	R1000m R1800m	R1400m 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
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	670' (308')	670' (308')	670' (308')	670' (308')
	with FAF <i>ALS out</i>	R900m R1500m	R1000m R1500m	R1000m R1800m	R1400m R2000m
	NDB	670' (308')	670' (308')	670' (308')	670' (308')
	w/o FAF <i>ALS out</i>	R900m R1500m	R1000m R1500m	R1000m R1800m	R1400m R2000m
25	ILS	563' (200')	563' (200')	563' (200')	563' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	710' (347')	710' (347')	710' (347')	710' (347')
	with FAF <i>ALS out</i>	R900m R1500m	R1000m R1500m	R1000m R1800m	R1400m R2000m
	NDB	1300' (937')	1300' (937')	1300' (937')	1300' (937')
	w/o FAF <i>ALS out</i>	R1200m R1500m	R1400m R1500m	R1400m R2000m	R1800m R2000m
34	ILS	568' (200')	568' (200')	568' (200')	568' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	700' (332')	700' (332')	700' (332')	700' (332')
	with FAF <i>ALS out</i>	R900m R1500m	R1000m R1500m	R1000m R1800m	R1400m R2000m
	NDB	700' (332')	700' (332')	700' (332')	700' (332')
	w/o FAF <i>ALS out</i>	R900m R1500m	R1000m R1500m	R1000m R1800m	R1400m R2000m

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JEPPESEN
6 AUG 10 **10-9X1**

JAA MINIMUMS
NOVOSIBIRSK, RUSSIA
TOLMACHEVO

TAKE-OFF RWY 07, 25

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

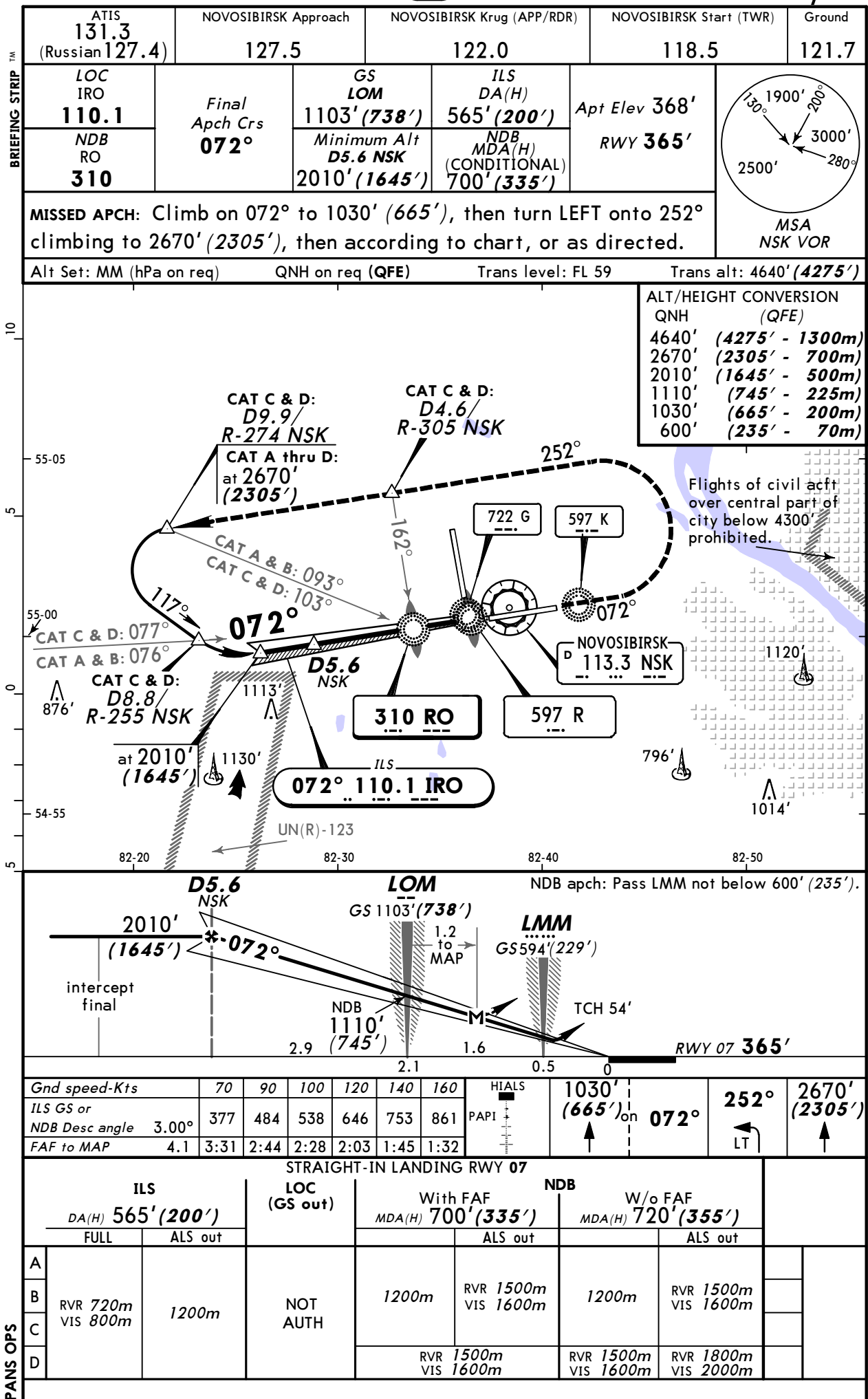
TAKE-OFF RWY 16, 34

LVP must be in force					
Approved Operators					
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
B					
C					
D					
	150m	200m	250m	300m	500m

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TOLMACHEVO

JEPPesen
17 SEP 10 **(11-1)** **Eff 23 Sep**

NOVOSIBIRSK, RUSSIA
ILS or 2 NDB Rwy 07

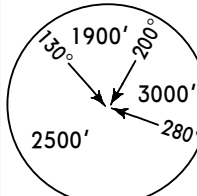


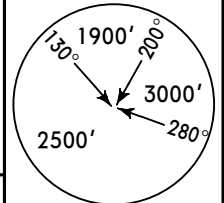
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TOLMACHEVO

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

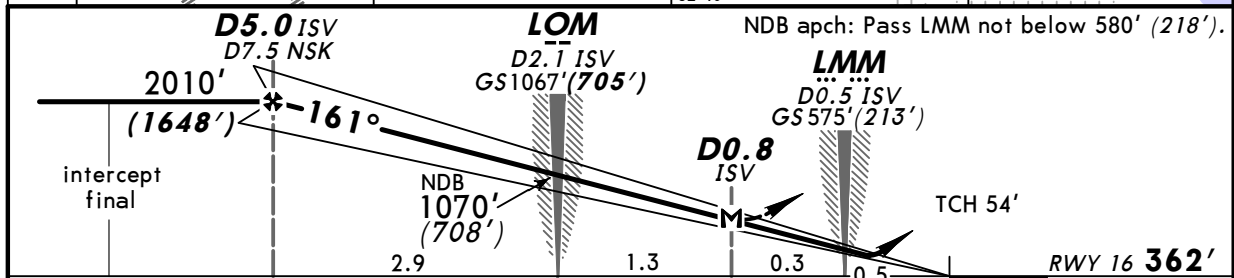
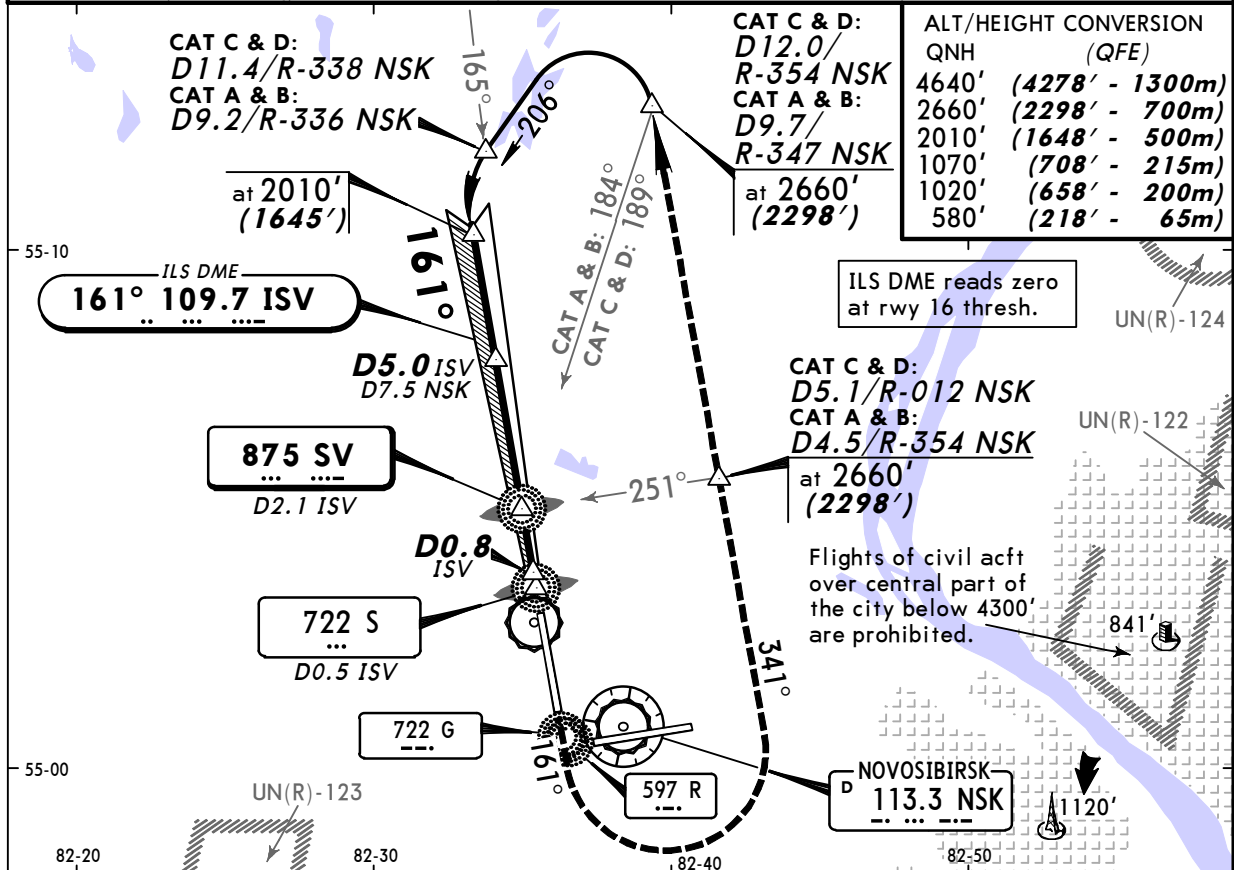
NOVOSIBIRSK, RUSSIA
ILS DME or 2 NDB Rwy 16

BRIEFING STRIP

ATIS 131.3 (Russian 127.4)		NOVOSIBIRSK Approach 127.5		NOVOSIBIRSK Krug (APP/RDR) 122.0		NOVOSIBIRSK Start (TWR) 118.5		Ground 121.7		
LOC ISV 109.7		Final Apch Crs 161°		GS LOM 1067' (705')		ILS DA(H) 562' (200')		Apt Elev 368' RWY 362'		
NDB SV 875				Minimum Alt D5.0 ISV 2010' (1648')		NDB MDA(H) (CONDITIONAL) 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	
Alt Set: MM (hPa on req)			QNH on req (QFE)		Trans level: FL 59		Trans alt: 4640' (4278')			



MSA NSK VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	1020' (658')	161°	341°	2660' (2298')
ILS GS or NDB Desc angle 3.00°	377	484	538	646	753	861	PAPI				
MAP at D0.8 ISV											

STRAIGHT-IN LANDING RWY 16							
ILS				LOC (GS out)		NDB	
DA(H) 562' (200')						With FAF	W/o FAF
						MDA(H) 670' (308')	MDA(H) 720' (358')
FULL	TDZ or CL out	ALS out				ALS out	ALS out
A							
B	RVR 550m VIS 800m	RVR 720m VIS 800m	1200m	NOT AUTH	1200m	RVR 1500m VIS 1600m	1200m RVR 1500m VIS 1600m
C							
D					RVR 1500m VIS 1600m	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m

PANS OPS

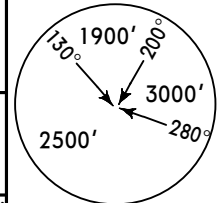
UNNT/OVB
TOLMACHEVO

JEPPesen
17 SEP 10
Eff 23 Sep **(11-2A)**

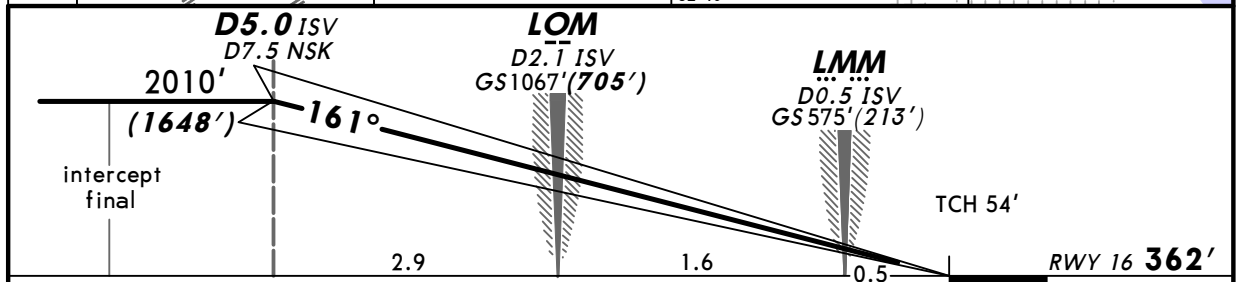
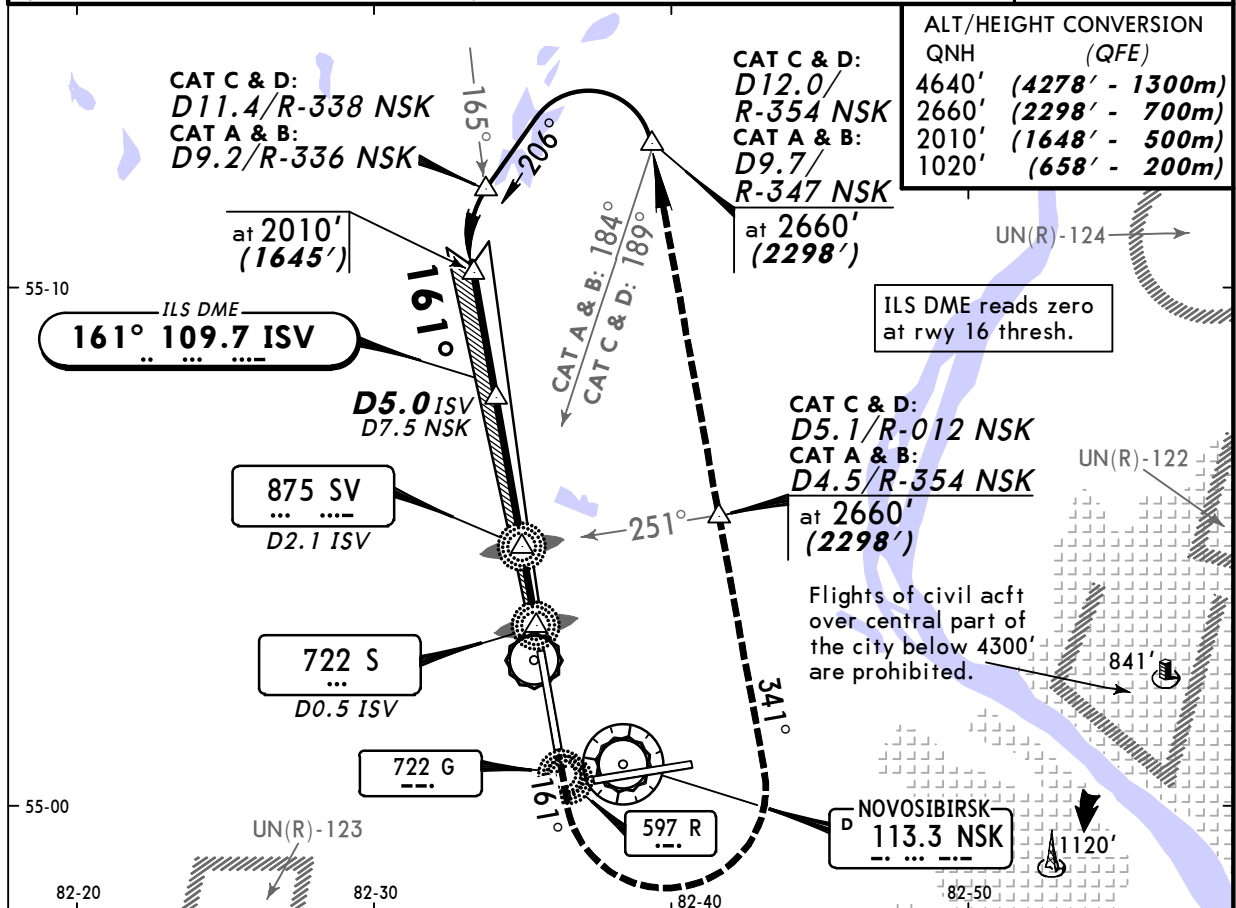
NOVOSIBIRSK, RUSSIA
CAT II ILS DME Rwy 16

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



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	1020' (658')	161°	341°	2660' (2298')
GS	3.00°	377	484	538	646	753	861	↑	↑	↑	↑

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

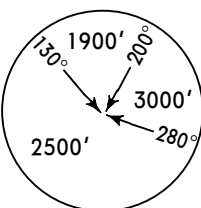
RVR 350m

PANS OPS

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TOLMACHEVO**

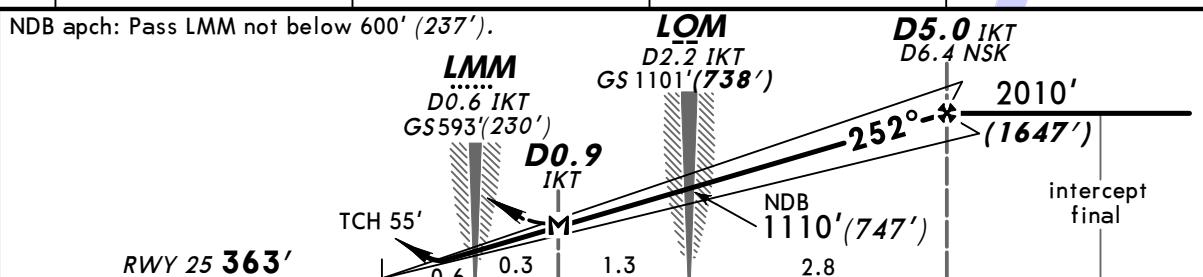
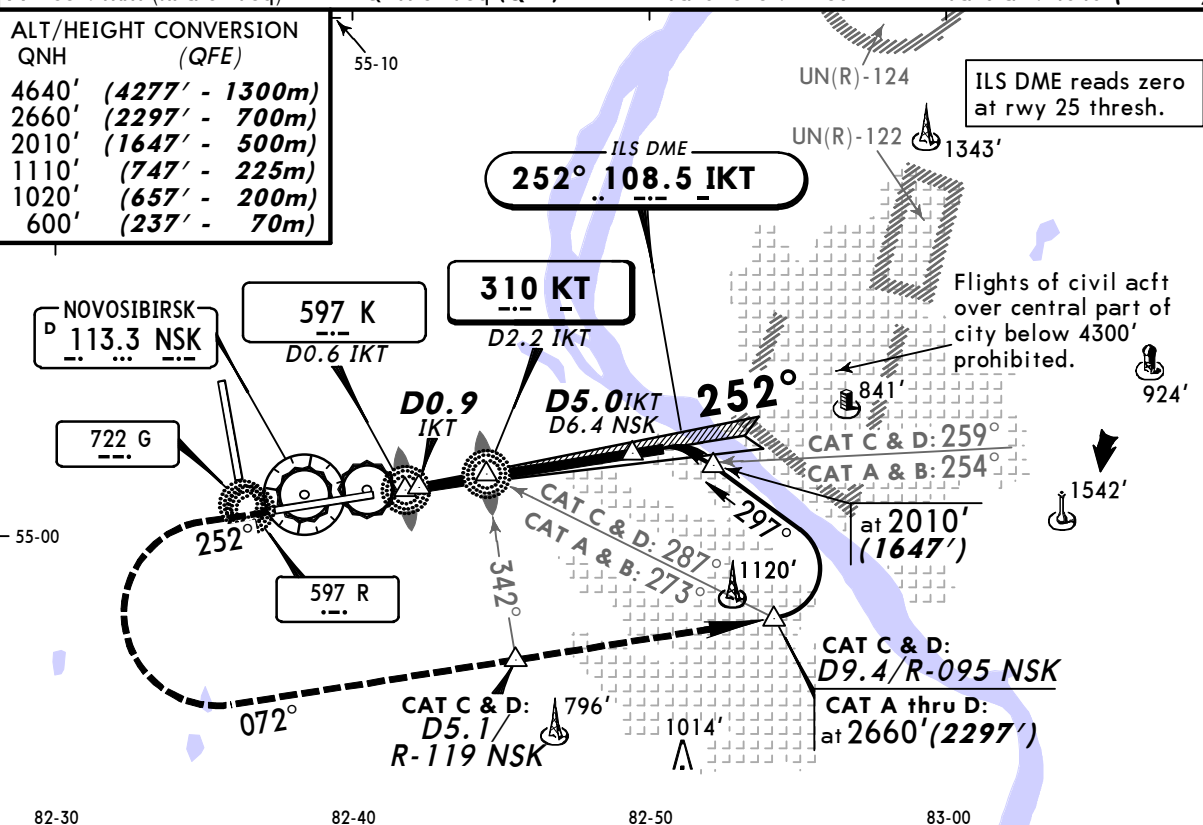
JEPPESEN
6 AUG 10 (11-3) I

N NOVOSIBIRSK, RUSSIA
ILS DME or 2 NDB Rwy 25

ATIS 131.3 (Russian 127.4)		NOVOSIBIRSK Approach 127.5		NOVOSIBIRSK Krug (APP/RDR) 122.0		NOVOSIBIRSK Start (TWR) 118.5		Ground 121.7	
LOC IKT 108.5		Final Apch Crs 252°		GS LOM 1101' (738')		ILS DA(H) 563' (200')		Apt Elev 368' RWY 363'	
NDB KT 310				Minimum Alt D5.0 IKT 2010' (1647')		NDB MDA(H) (CONDITIONAL) 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	
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)



<i>Gnd speed-Kts</i>	70	90	100	120	140	160	 HIALS PAPI	 1020' (657') on	 252°	 072°	 2660' (2297')
<i>ILS GS or</i>											
<i>NDB Desc angle 3.00°</i>	377	484	538	646	753	861					
<i>MAP at D0.9 IKT</i>									 LT		

STRAIGHT-IN LANDING RWY 25									
ILS DA(H) 563' (200')		LOC (GS out)	With FAF MDA(H) 710' (347')		NDB W/o FAF MDA(H) 1300' (937')				
FULL		ALS out			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						4400m	4800m		

CHANGES: None.

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6 AUG 10 (11-4)

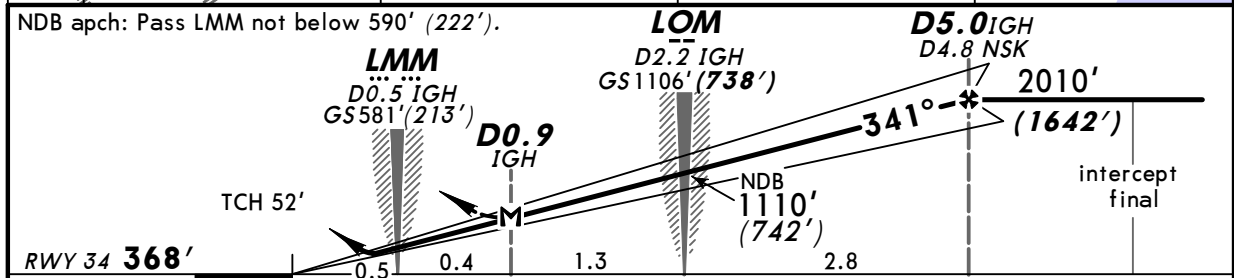
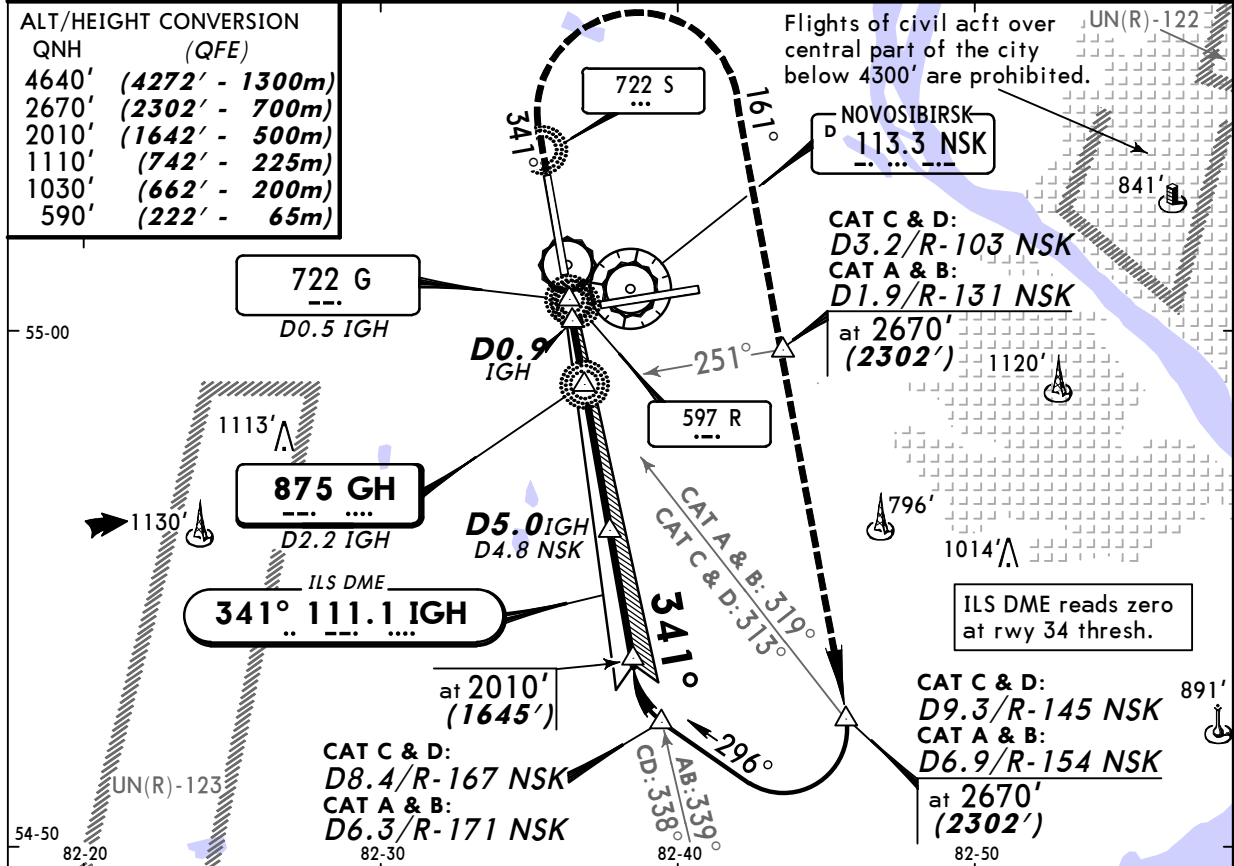
NOVOSIBIRSK, RUSSIA
ILS DME or 2 NDB Rwy 34

BRIEFING STRIP

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

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	HIALS	1030' (662') on 341°	161°	2670' (2302')
ILS GS or NDB Desc angle 3.00°	377	484	538	646	753	861	PAPI		RT	
MAP at D0.9 IGH										

STRAIGHT-IN LANDING RWY 34										
ILS			LOC	With FAF		NDB				
DA(H) 568'(200')			(GS out)	MDA(H) 700'(332')		W/o FAF				
FULL			ALS out			MDA(H) 720'(352')				
				ALS out				ALS out		
A	RVR 720m VIS 800m		1200m		NOT AUTH		1200m		RVR 1500m VIS 1600m	
B										
C										
D										

PANS OPS