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Changed chart(s) since Disc 26-2012

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

| ACT | PROCEDURE IDENT | INDEX | REV DATE | EFF DATE |
|-----|-----------------|-------|----------|----------|
|-----|-----------------|-------|----------|----------|

No revision activity since Disc 26-2012

## **TERMINAL CHART NOTAMs**

**No Chart NOTAMs for Airport USNN**

**USNN (Nizhnevartovsk)****General Info**

Nizhnevartovsk, RUS

N 60° 56.9' E 76° 28.8' Mag Var: 15.8°E

Elevation: 177'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet A-1

Time Zone Info: GMT+6:00 no DST

**Runway Info**

Runway 03-21 10502' x 197' asphalt

Runway 03 (27.0°M) TDZE 143'

Lights: Edge, ALS

Runway 21 (207.0°M) TDZE 177'

Lights: Edge, ALS

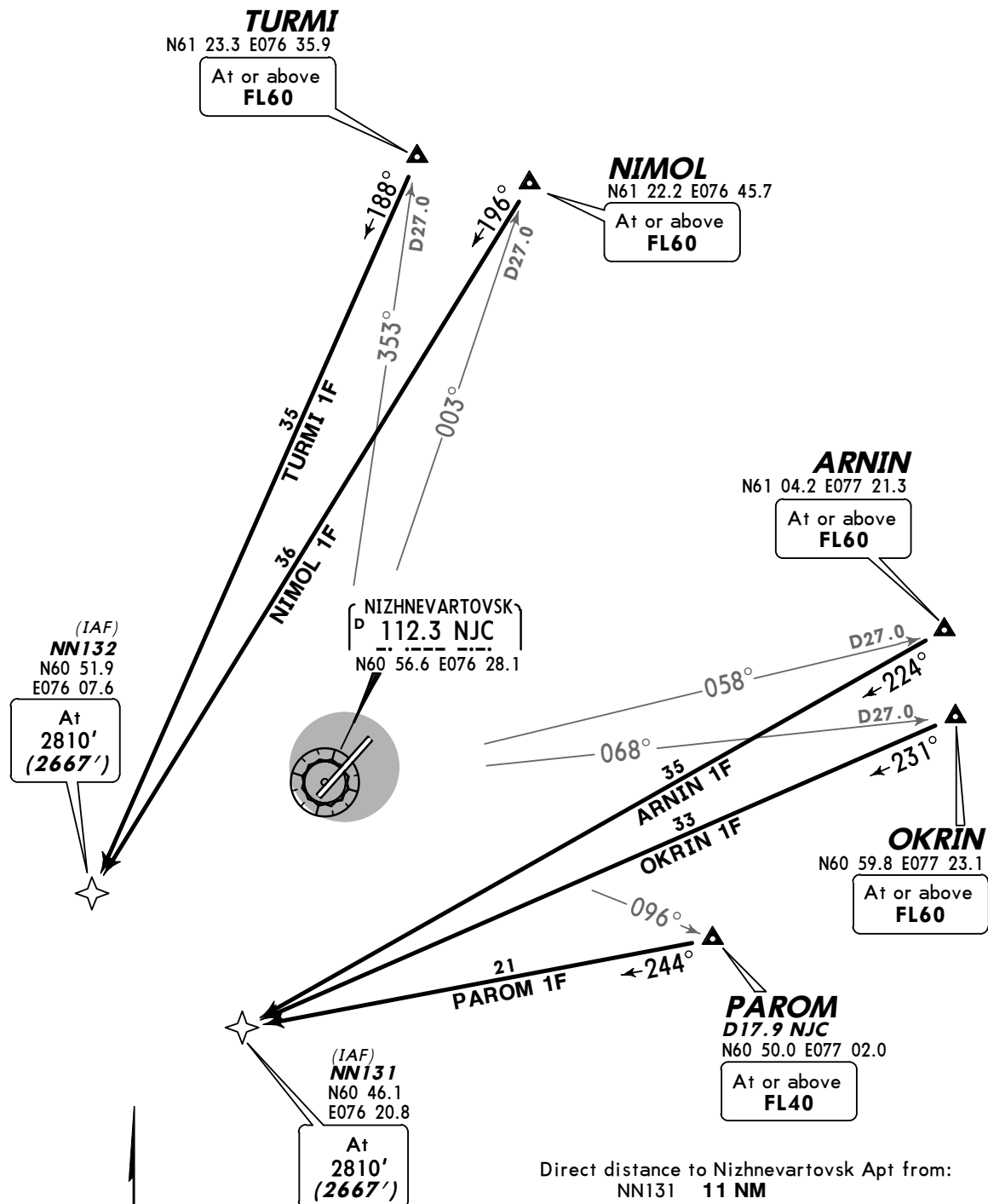
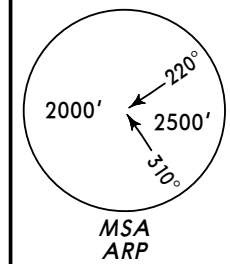
**Communications Info**ATIS **126.6**Nizhnevartovsk Tower **118.1**Nizhnevartovsk Radar **120.4**Nizhnevartovsk Transit Operations **118.9** Non-English**Notebook Info**

USNN/NJC  
NIZHNEVARTOVSK

JEPPESEN NIZHNEVARTOVSK, RUSSIA  
4 NOV 11 10-2 Eff 17 Nov RNAV STAR

|               |                  |                                                                                                                                                                                                           |
|---------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATIS<br>126.6 | Apt Elev<br>177' | Alt Set: MM (hPa on request) QNH on request (QFE)<br>Trans level: FL40<br>FL50 if pressure is less than 756 mm (1007.9 hPa)<br>FL60 if pressure is 729 mm (971.9 hPa) or less<br>Trans alt: 2810' (2667') |
|---------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

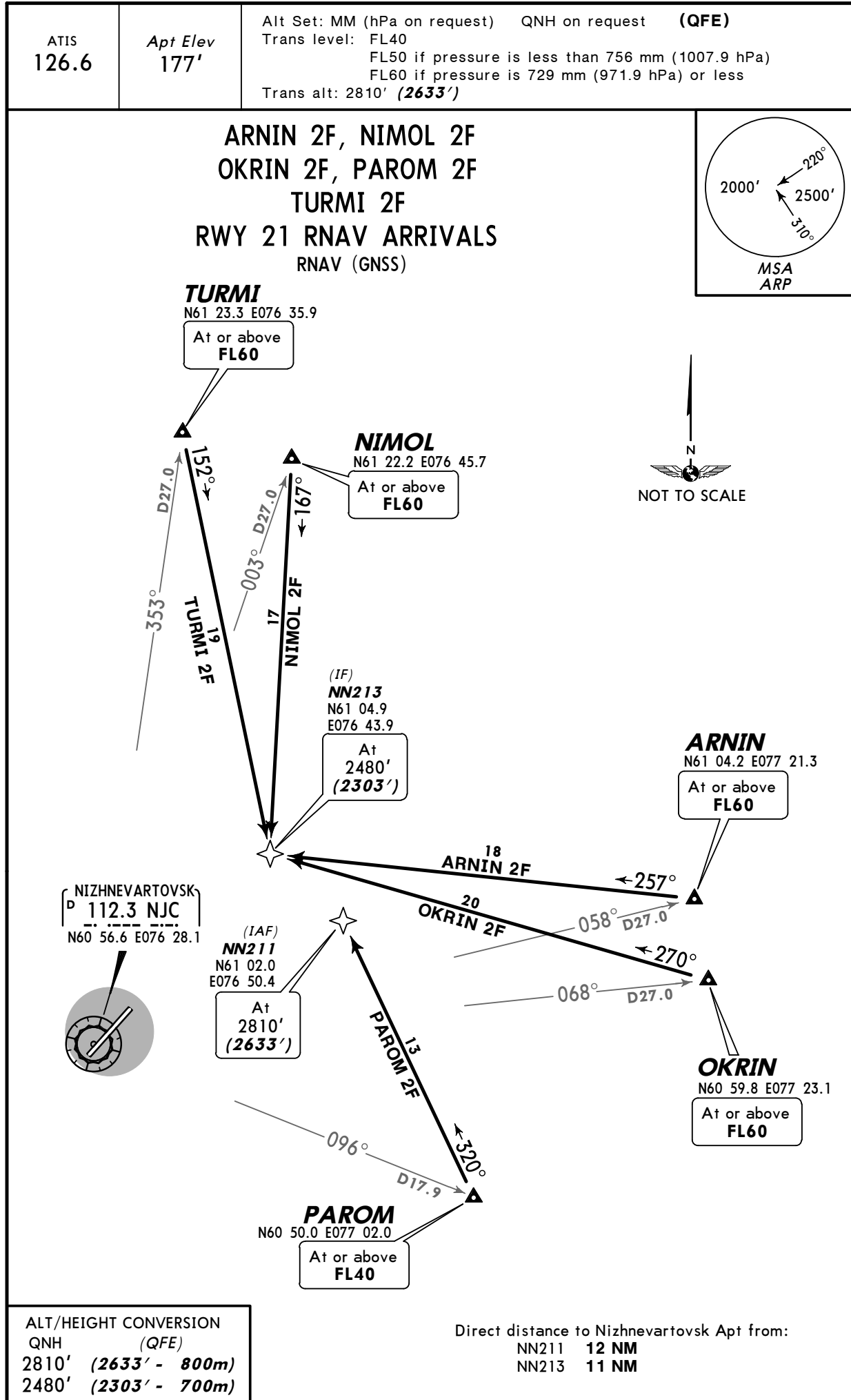
ARNIN 1F, NIMOL 1F  
OKRIN 1F, PAROM 1F  
TURMI 1F  
RWY 03 RNAV ARRIVALS  
RNAV (GNSS)



ALT/HEIGHT CONVERSION  
QNH (QFE)  
2810' (2667' - 800m)

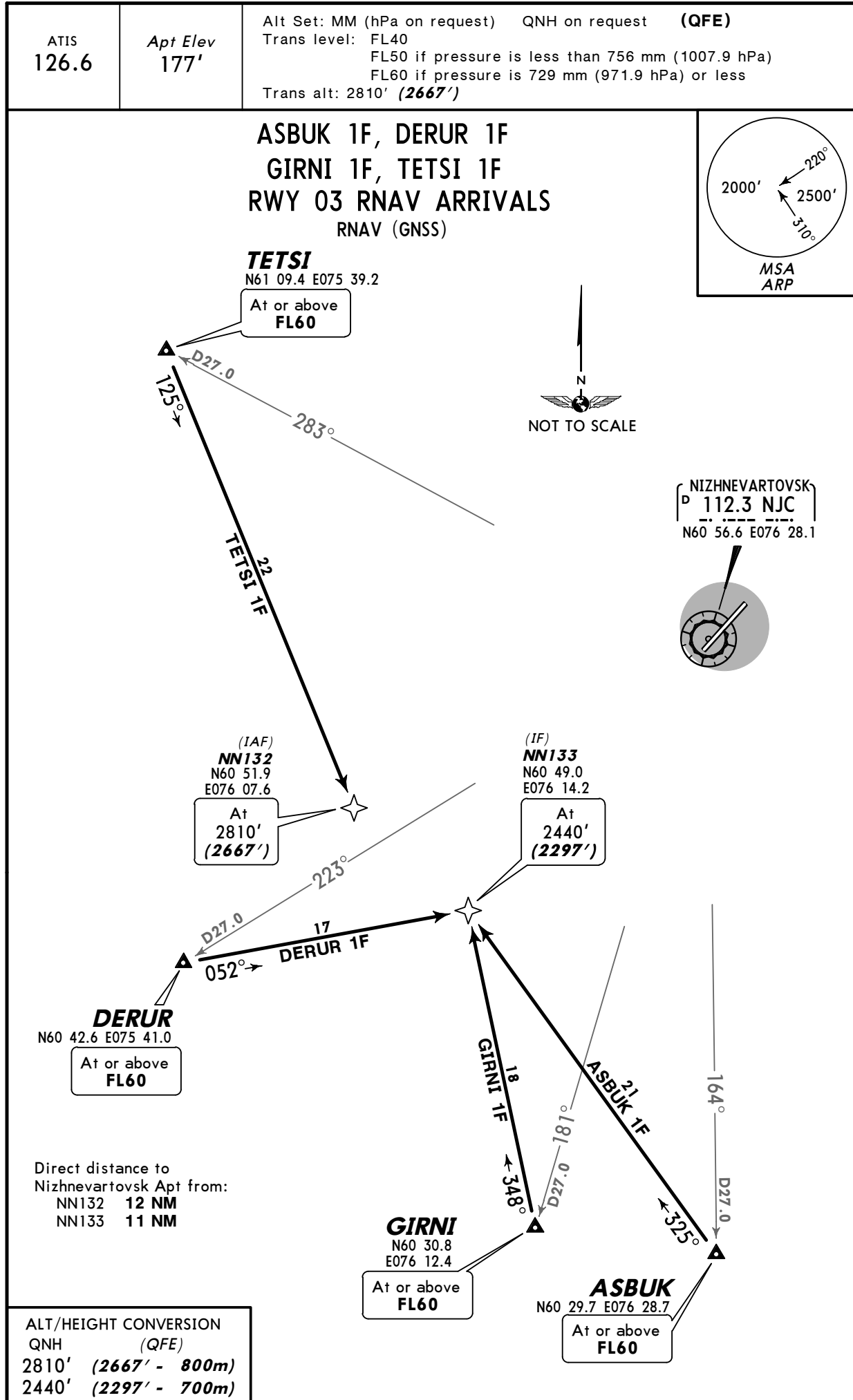
USNN/NJC  
NIZHNEVARTOVSK

JEPPESEN NIZHNEVARTOVSK, RUSSIA  
4 NOV 11 (10-2A) Eff 17 Nov RNAV STAR



USNN/NJC  
NIZHNEVARTOVSK

JEPPESEN NIZHNEVARTOVSK, RUSSIA  
4 NOV 11 (10-2B) Eff 17 Nov RNAV STAR

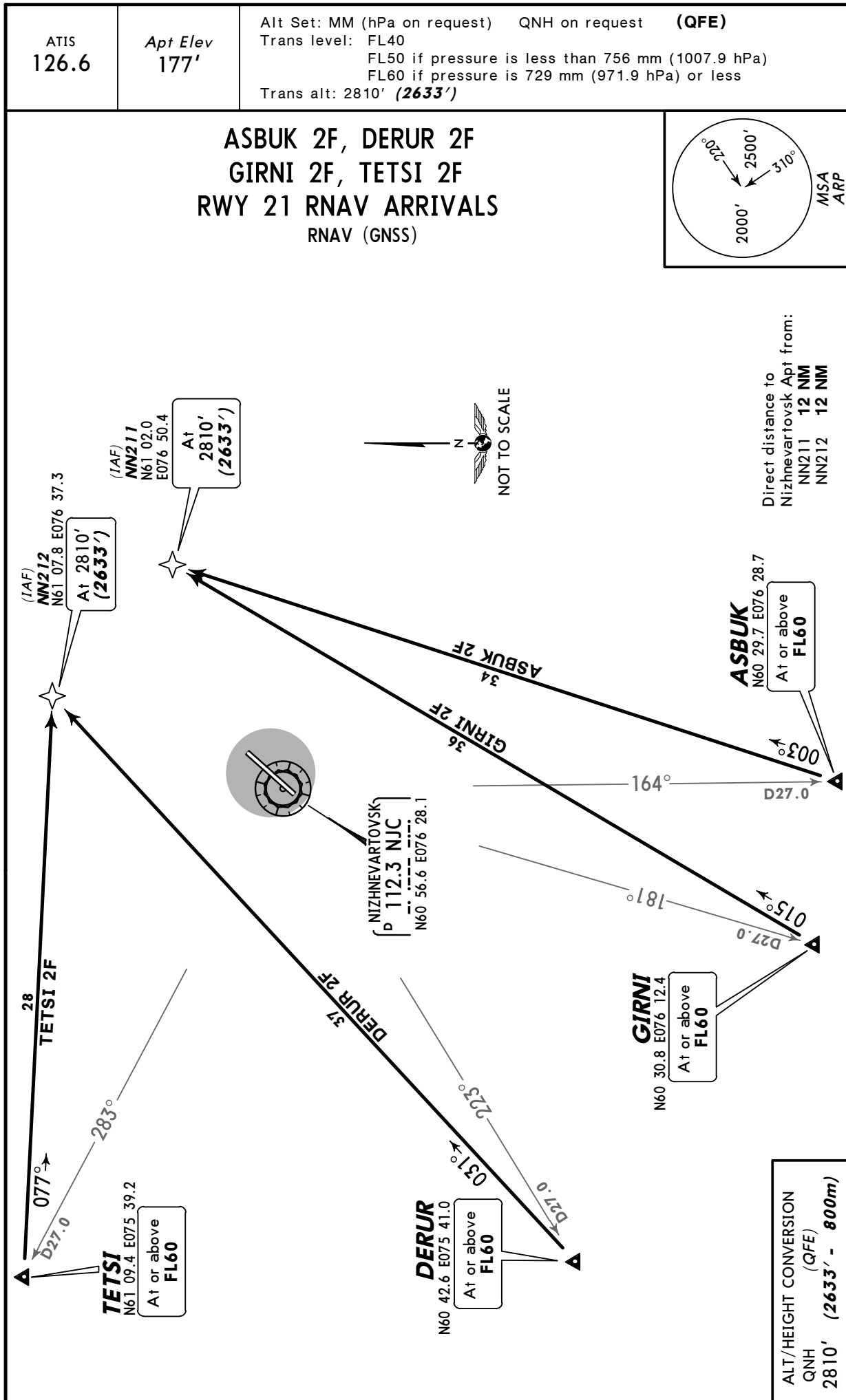


USNN/NJC  
 NIZHNEVARTOVSK

JEPPESSEN  
 4 NOV 11 10-2C Eff 17 Nov

NIZHNEVARTOVSK, RUSSIA

RNAV STAR

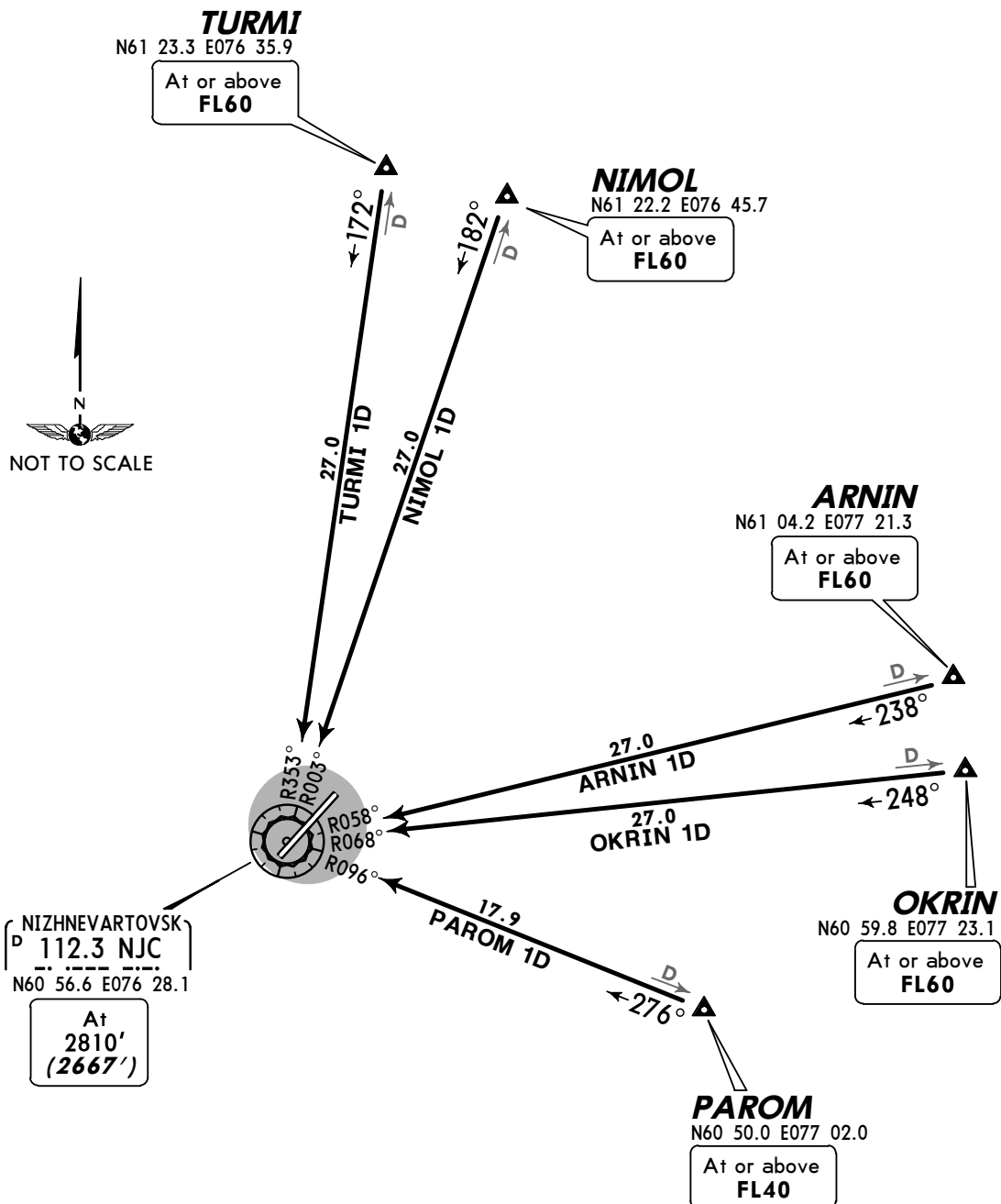
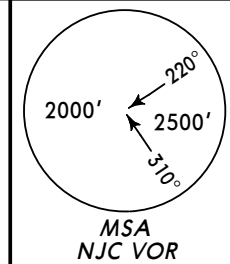


USNN/NJC  
NIZHNEVARTOVSK

JEPPESEN NIZHNEVARTOVSK, RUSSIA  
4 NOV 11 (10-2D) Eff 17 Nov **STAR**

|               |                  |                                                                                                                                                                                                           |
|---------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATIS<br>126.6 | Apt Elev<br>177' | Alt Set: MM (hPa on request) QNH on request (QFE)<br>Trans level: FL40<br>FL50 if pressure is less than 756 mm (1007.9 hPa)<br>FL60 if pressure is 729 mm (971.9 hPa) or less<br>Trans alt: 2810' (2667') |
|---------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

ARNIN 1D, NIMOL 1D  
OKRIN 1D, PAROM 1D  
TURMI 1D  
RWY 03 ARRIVALS



ALT/HEIGHT CONVERSION  
QNH (QFE)  
2810' (2667' - 800m)



USNN/NJC  
NIZHNEVARTOVSK

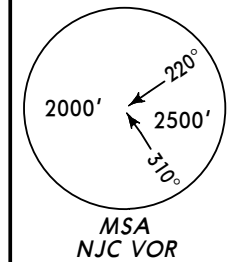
JEPPESEN NIZHNEVARTOVSK, RUSSIA  
4 NOV 11 (10-2E) Eff 17 Nov STAR

ATIS  
126.6

Apt Elev  
177'

Alt Set: MM (hPa on request) QNH on request (QFE)  
Trans level: FL40  
FL50 if pressure is less than 756 mm (1007.9 hPa)  
FL60 if pressure is 729 mm (971.9 hPa) or less  
Trans alt: 2810' (2633')

ARNIN 2D, NIMOL 2D  
OKRIN 2D, PAROM 2D  
TURMI 2D  
RWY 21 ARRIVALS



**TURMI**  
N61 23.3 E076 35.9  
(NJC R-353/D27.0)

At or above  
FL60

**NIMOL**

N61 22.2 E076 45.7  
(NJC R-003/D27.0)

At or above  
FL60



**OBUMI**  
N61 10.3 E076 32.1

**BATKI**  
N61 09.7 E076 36.9

**ARNIN**

N61 04.2 E077 21.3

At or above  
FL60

**ULTAB**  
N61 00.5 E076 55.2

**ARNIN 2D**  
13.2  
D27.0  
←238°

**OKRIN 2D**  
13.2  
D27.0  
←248°

**NILDI**  
N60 58.3 E076 56.1

**OKRIN**  
N60 59.8 E077 23.1

At or above  
FL60

**AMLAR**  
N60 51.6 E076 54.3

**PAROM 2D**  
4.1  
←276°  
D17.9

**PAROM**

N60 50.0 E077 02.0

At or above  
FL40

NIZHNEVARTOVSK  
D 112.3 NJC  
N60 56.6 E076 28.1

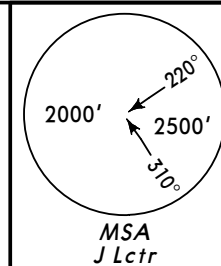
ALT/HEIGHT CONVERSION  
QNH (QFE)  
2810' (2633' - 800m)

USNN/NJC  
NIZHNEVARTOVSK

JEPPESEN NIZHNEVARTOVSK, RUSSIA  
9 DEC 11 10-2F Eff 15 Dec STAR

|               |                  |                                                                                                                                                                                                           |
|---------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATIS<br>126.6 | Apt Elev<br>177' | Alt Set: MM (hPa on request) QNH on request (QFE)<br>Trans level: FL40<br>FL50 if pressure is less than 756 mm (1007.9 hPa)<br>FL60 if pressure is 729 mm (971.9 hPa) or less<br>Trans alt: 2810' (2667') |
|---------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

ARNIN 1E, NIMOL 1E  
OKRIN 1E, PAROM 1E  
TURMI 1E  
RWY 03 ARRIVALS

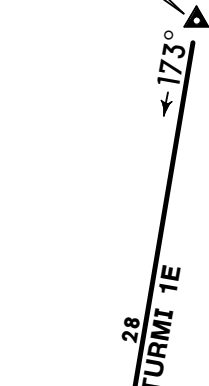


**TURMI**  
N61 23.3 E076 35.9  
(NJC R-353/D27.0)

At or above  
FL60

**NIMOL**  
N61 22.2 E076 45.7  
(NJC R-003/D27.0)

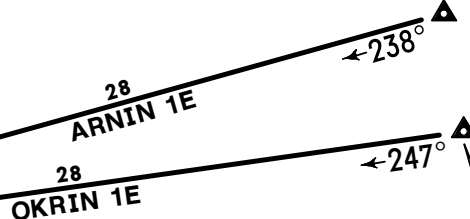
At or above  
FL60



NIZHNEVARTOVSK  
D 112.3 NJC  
N60 56.6 E076 28.1

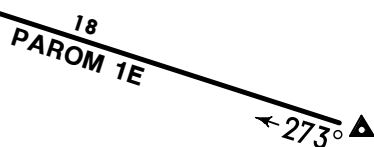
915 J  
N60 55.9 E076 27.0

At  
2810'  
(2667')



**OKRIN**  
N60 59.8  
E077 23.1  
(NJC R-068/D27.0)

At or above  
FL60



**PAROM**  
N60 50.0 E077 02.0  
(NJC R-096/D19.9)

At or above  
FL40

ALT/HEIGHT CONVERSION  
QNH (QFE)  
2810' (2667' - 800m)

USNN/NJC  
NIZHNEVARTOVSK

9 DEC 11

(10-2G)

Eff 15 Dec

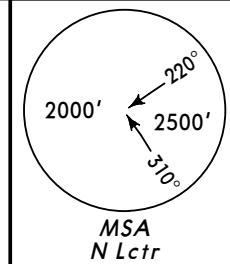
STAR

Alt Set: MM (hPa on request) QNH on request (QFE)  
Trans level: FL40  
FL50 if pressure is less than 756 mm (1007.9 hPa)  
FL60 if pressure is 729 mm (971.9 hPa) or less  
Trans alt: 2810' (2633')

ATIS  
126.6

Apt Elev  
177'

ARNIN 2E, NIMOL 2E  
OKRIN 2E, PAROM 2E  
TURMI 2E  
RWY 21 ARRIVALS



**TURMI**  
N61 23.3 E076 35.9  
(NJC R-353/D27.0)

At or above  
FL60

**NIMOL**

N61 22.2 E076 45.7  
(NJC R-003/D27.0)

At or above  
FL60



915 N

N60 58.1 E076 31.0

At  
2810'  
(2633')

**ARNIN**

N61 04.2 E077 21.3  
(NJC R-058/D27.0)

At or above  
FL60

NIZHNEVARTOVSK  
D 112.3 NJC  
N60 56.6 E076 28.1

**OKRIN**

N60 59.8  
E077 23.1  
(NJC R-068/D27.0)

At or above  
FL60

**PAROM**

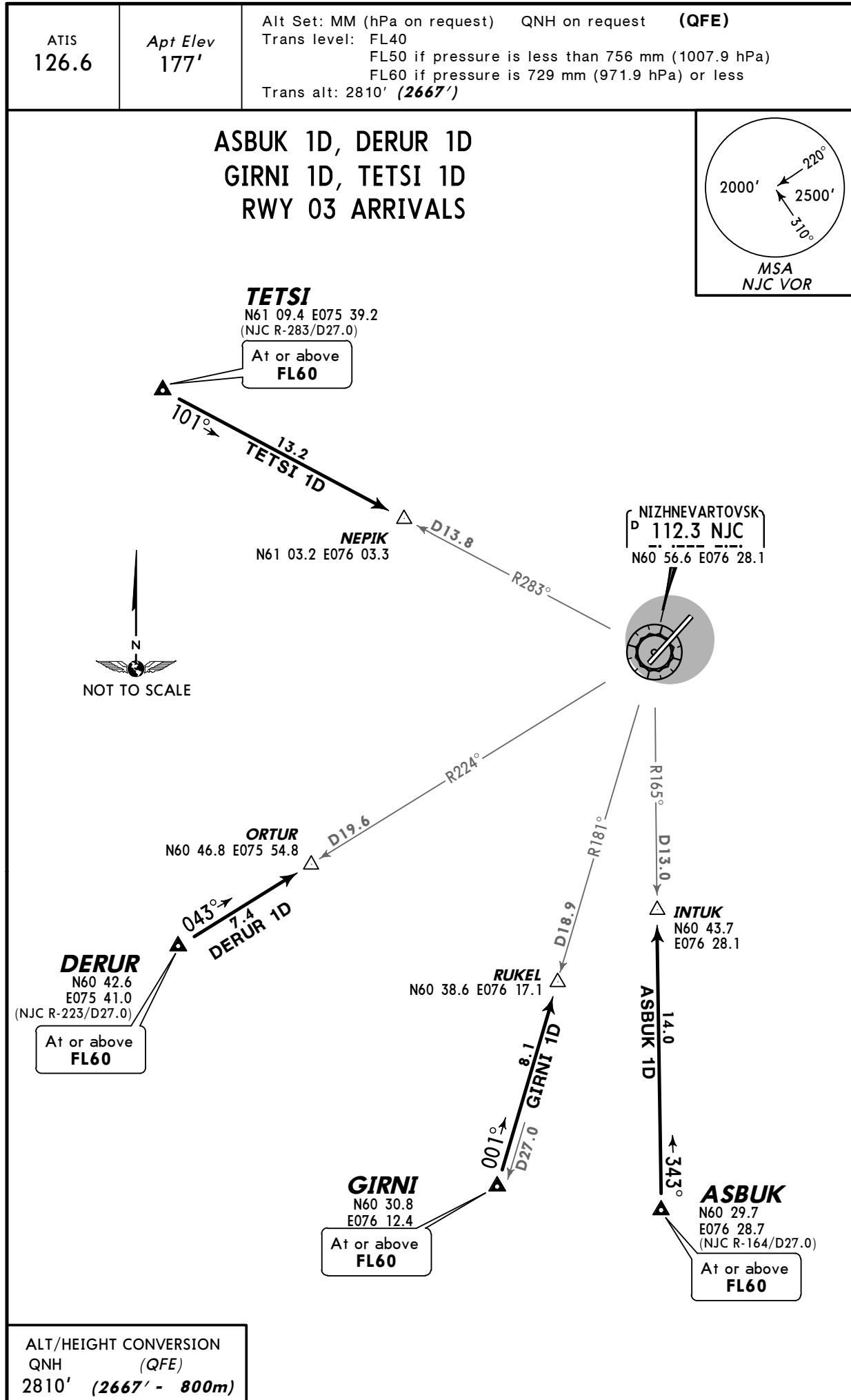
N60 50.0 E077 02.0  
(NJC R-096/D17.9)

At or above  
FL40

ALT/HEIGHT CONVERSION  
QNH (QFE)  
2810' (2633' - 800m)

USNN/NJC  
NIZHNEVARTOVSK

JEPPESEN NIZHNEVARTOVSK, RUSSIA  
4 NOV 11 (10-2H) Eff 17 Nov STAR

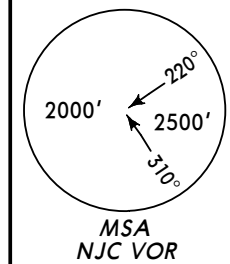


USNN/NJC  
NIZHNEVARTOVSK

JEPPESSEN NIZHNEVARTOVSK, RUSSIA  
4 NOV 11 (10-2J) Eff 17 Nov STAR

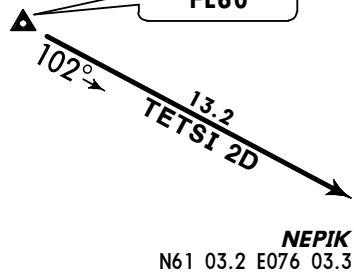
|               |                  |                                                                                                                                                                                                           |
|---------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATIS<br>126.6 | Apt Elev<br>177' | Alt Set: MM (hPa on request) QNH on request (QFE)<br>Trans level: FL40<br>FL50 if pressure is less than 756 mm (1007.9 hPa)<br>FL60 if pressure is 729 mm (971.9 hPa) or less<br>Trans alt: 2810' (2633') |
|---------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

ASBUK 2D, DERUR 2D  
GIRNI 2D, TETSI 2D  
RWY 21 ARRIVALS



**TETSI**  
N61 09.4 E075 39.2  
(NJC R-283/D27.0)

At or above  
FL60



NIZHNEVARTOVSK  
D 112.3 NJC  
N60 56.6 E076 28.1

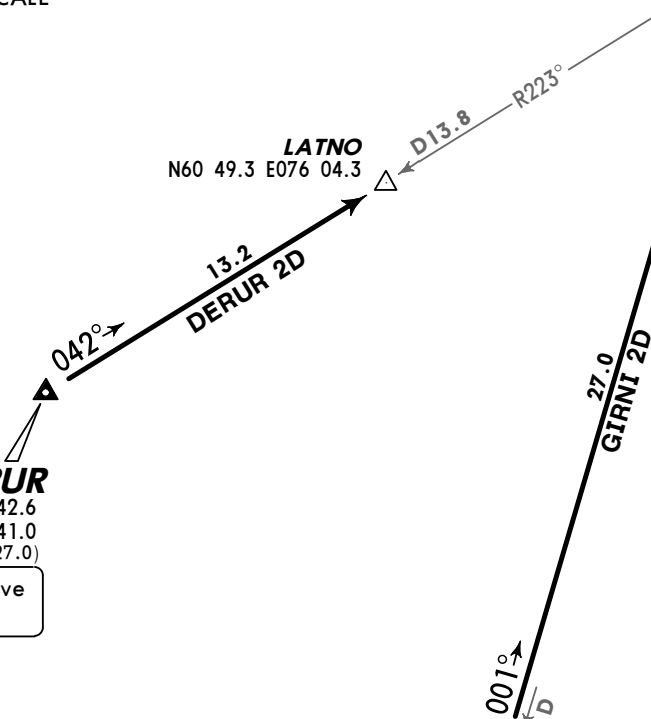
At  
2810'  
(2633')

**LATNO**  
N60 49.3 E076 04.3

13.2  
DERUR 2D

**DERUR**  
N60 42.6  
E075 41.0  
(NJC R-223/D27.0)

At or above  
FL60



**GIRNI**  
N60 30.8  
E076 12.4

At or above  
FL60



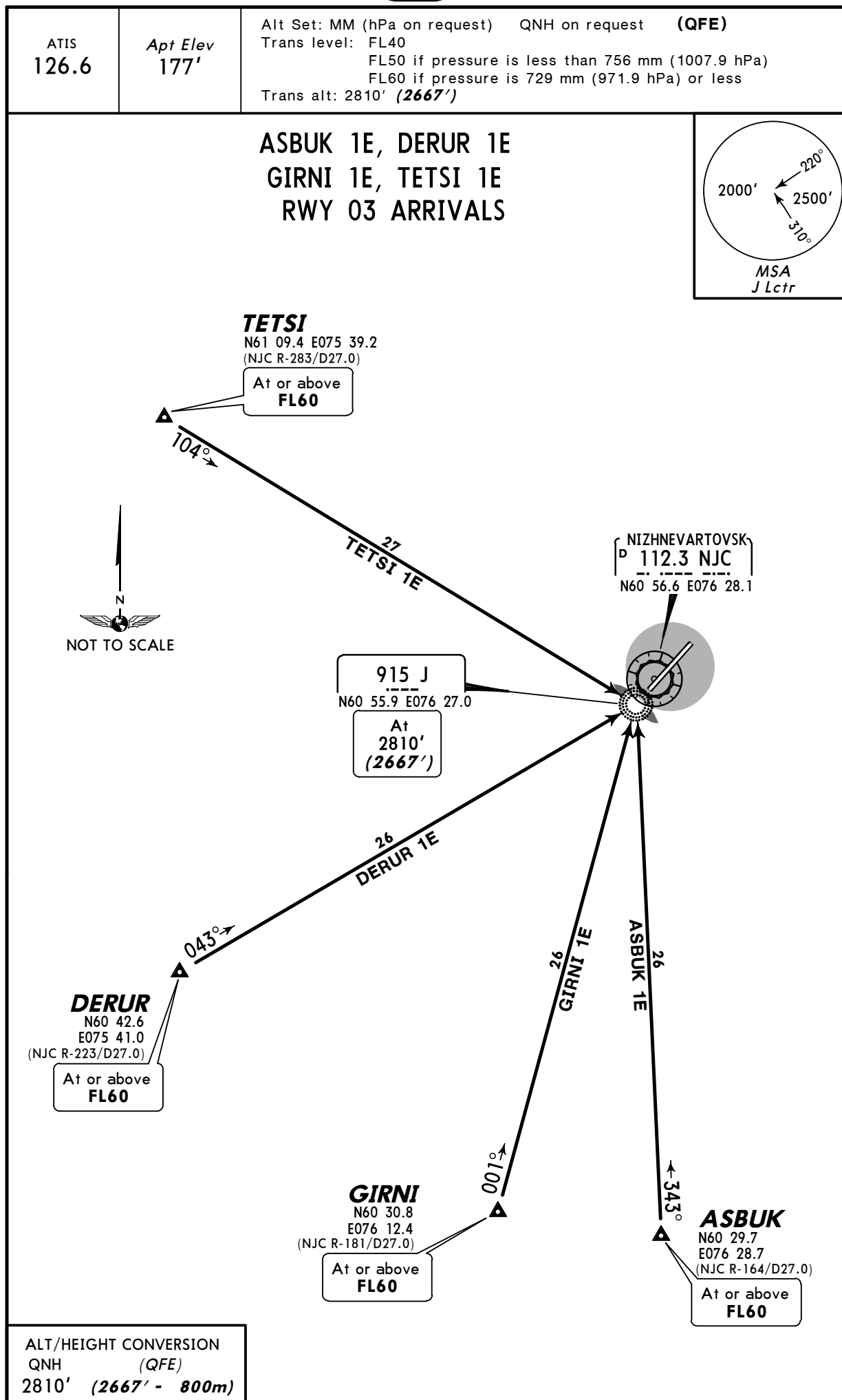
**ASBUK**  
N60 29.7  
E076 28.7

At or above  
FL60

ALT/HEIGHT CONVERSION  
QNH (QFE)  
2810' (2633' - 800m)

USNN/NJC  
NIZHNEVARTOVSK

JEPPESEN NIZHNEVARTOVSK, RUSSIA  
9 DEC 11 (10-2K) Eff 15 Dec STAR



USNN/NJC  
NIZHNEVARTOVSK

9 DEC 11

10-2L

Eff 15 Dec

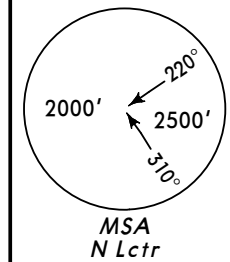
STAR

Alt Set: MM (hPa on request) QNH on request (QFE)  
Trans level: FL40  
FL50 if pressure is less than 756 mm (1007.9 hPa)  
FL60 if pressure is 729 mm (971.9 hPa) or less  
Trans alt: 2810' (2633')

ATIS  
126.6

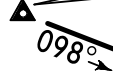
Apt Elev  
177'

ASBUK 2E, DERUR 2E  
GIRNI 2E, TETSI 2E  
RWY 21 ARRIVALS



**TETSI**  
N61 09.4 E075 39.2  
(NJC R-283/D27.0)

At or above  
FL60



28  
TETSI 2E

915 N  
N60 58.1 E076 31.0

At  
2810'  
(2633')



NIZHNEVARTOVSK  
P 112.3 NJC  
N60 56.6 E076 28.1

29  
DERUR 2E

**DERUR**  
N60 42.6  
E075 41.0  
(NJC R-223/D27.0)

At or above  
FL60



29  
GIRNI 2E

**GIRNI**  
N60 30.8  
E076 12.4  
(NJC R-181/D27.0)

At or above  
FL60



29  
ASBUK 2E

**ASBUK**  
N60 29.7  
E076 28.7  
(NJC R-164/D27.0)

At or above  
FL60



ALT/HEIGHT CONVERSION  
QNH (QFE)  
2810' (2633' - 800m)

USNN/NJC  
NIZHNEVARTOVSK

15 JUN 12

10-3

Eff 28 Jun

SID

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

QNH on request (QFE)

Trans level: FL40

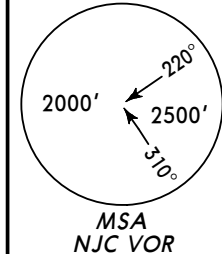
FL50 if pressure is less than 756 mm (1007.9 hPa)

FL60 if pressure is less than 729 mm (971.9 hPa)

Trans alt: 2810' (2667')

1. After climbing to 800' (657') contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1790' (1647').

ARNIN 1A [ARNI1A], NIMOL 1A [NIMO1A]  
OKRIN 1A [OKRI1A], TURMI 1A [TURM1A]  
RWY 03 DEPARTURES



**TURMI**  
N61 23.3 E076 35.9  
At or above  
FL60

**NIMOL**  
N61 22.2 E076 45.7  
At or above  
FL60



NIZHNEVARTOVSK  
P 112.3 NJC  
N60 56.6 E076 28.1

After 1  
min or  
800' (657')  
whichever  
is later

**ARNIN**  
N61 04.2 E077 21.3  
At or above  
FL60

**OKRIN**  
N60 59.8  
E077 23.1  
At or above  
FL60

| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 800'                  | (657' - 200m)  |
| 1790'                 | (1647' - 500m) |
| 2810'                 | (2667' - 800m) |



USNN/NJC  
NIZHNEVARTOVSK

15 JUN 12

10-3A

Eff 28 Jun

SID

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

QNH on request (QFE)

Trans level: FL40

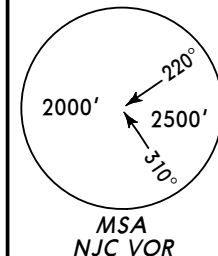
FL50 if pressure is less than 755 mm (1006.6 hPa)

FL60 if pressure is less than 728 mm (970.6 hPa)

Trans alt: 2810' (2633')

1. After climbing to 840' (663') contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1820' (1643').

ARNIN 2A [ARNI2A], NIMOL 2A [NIMO2A]  
OKRIN 2A [OKRI2A], TURMI 2A [TURM2A]  
RWY 21 DEPARTURES



**TURMI**  
N61 23.3 E076 35.9  
At or above  
FL60

**NIMOL**  
N61 22.2 E076 45.7  
At or above  
FL60



**ARNIN**  
N61 04.2 E077 21.3  
At or above  
FL60

**OKRIN**  
N60 59.8  
E077 23.1  
At or above  
FL60

NIZHNEVARTOVSK  
D 112.3 NJC  
N60 56.6 E076 28.1

**D6.0 NJC**  
N60 50.7 E076 28.7  
At or above  
1820' (1643')

After 1  
min or  
840' (663')  
whichever  
is later

| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 840'                  | (663' - 200m)  |
| 1820'                 | (1643' - 500m) |
| 2810'                 | (2633' - 800m) |

USNN/NJC  
NIZHNEVARTOVSK

15 JUN 12

(10-3B)

Eff 28 Jun

SID

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

QNH on request (QFE)

Trans level: FL40

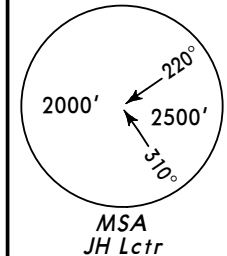
FL50 if pressure is less than 756 mm (1007.9 hPa)

FL60 if pressure is less than 729 mm (971.9 hPa)

Trans alt: 2810' (2667')

1. After climbing to 800' (657') contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1790' (1647').

ARNIN 1B [ARNI1B], NIMOL 1B [NIMO1B]  
OKRIN 1B [OKRI1B], TURMI 1B [TURM1B]  
RWY 03 DEPARTURES



**TURMI**  
N61 23.3 E076 35.9  
(NJC R-353/D27.0)

At or above  
FL60

**NIMOL**  
N61 22.2 E076 45.7  
(NJC R-003/D27.0)

At or above  
FL60

**ARNIN**  
N61 04.2 E077 21.3  
(NJC R-058/D27.0)

At or above  
FL60

**OKRIN**  
N60 59.8  
E077 23.1  
(NJC R-068/D27.0)

At or above  
FL60

NIZHNEVARTOVSK  
D 112.3 NJC  
N60 56.6 E076 28.1

\*450 JH  
N60 54.7 E076 24.8

| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 800'                  | (657' - 200m)  |
| 1790'                 | (1647' - 500m) |
| 2810'                 | (2667' - 800m) |

USNN/NJC  
NIZHNEVARTOVSK

15 JUN 12

(10-3C)

Eff 28 Jun

SID

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

QNH on request (QFE)

Trans level: FL40

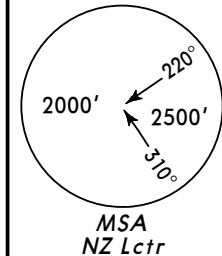
FL50 if pressure is less than 755 mm (1006.6 hPa)

FL60 if pressure is less than 728 mm (970.6 hPa)

Trans alt: 2810' (2633')

1. After climbing to 840' (663') contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1820' (1643').

ARNIN 2B [ARNI2B], NIMOL 2B [NIMO2B]  
OKRIN 2B [OKRI2B], TURMI 2B [TURM2B]  
RWY 21 DEPARTURES

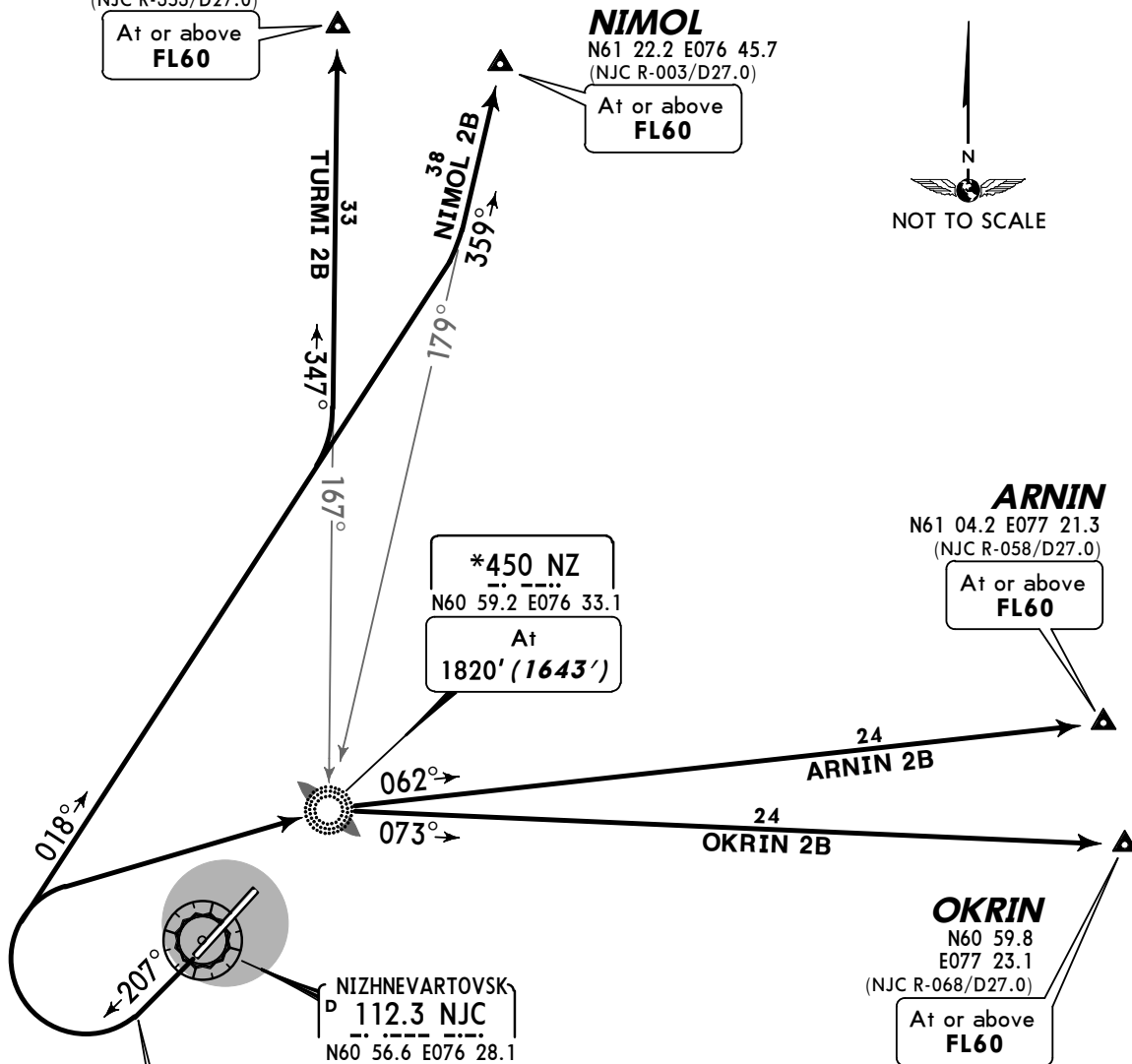
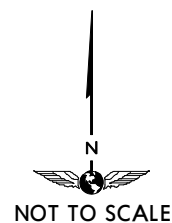


**TURMI**  
N61 23.3 E076 35.9  
(NJC R-353/D27.0)

At or above  
FL60

**NIMOL**  
N61 22.2 E076 45.7  
(NJC R-003/D27.0)

At or above  
FL60



| ALT/HEIGHT CONVERSION |          |       |
|-----------------------|----------|-------|
| QNH                   | (QFE)    |       |
| 840'                  | (663' -  | 200m) |
| 1820'                 | (1643' - | 500m) |
| 2810'                 | (2633' - | 800m) |

USNN/NJC  
NIZHNEVARTOVSK

15 JUN 12

10-3D

Eff 28 Jun

SID

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

QNH on request (QFE)

Trans level: FL40

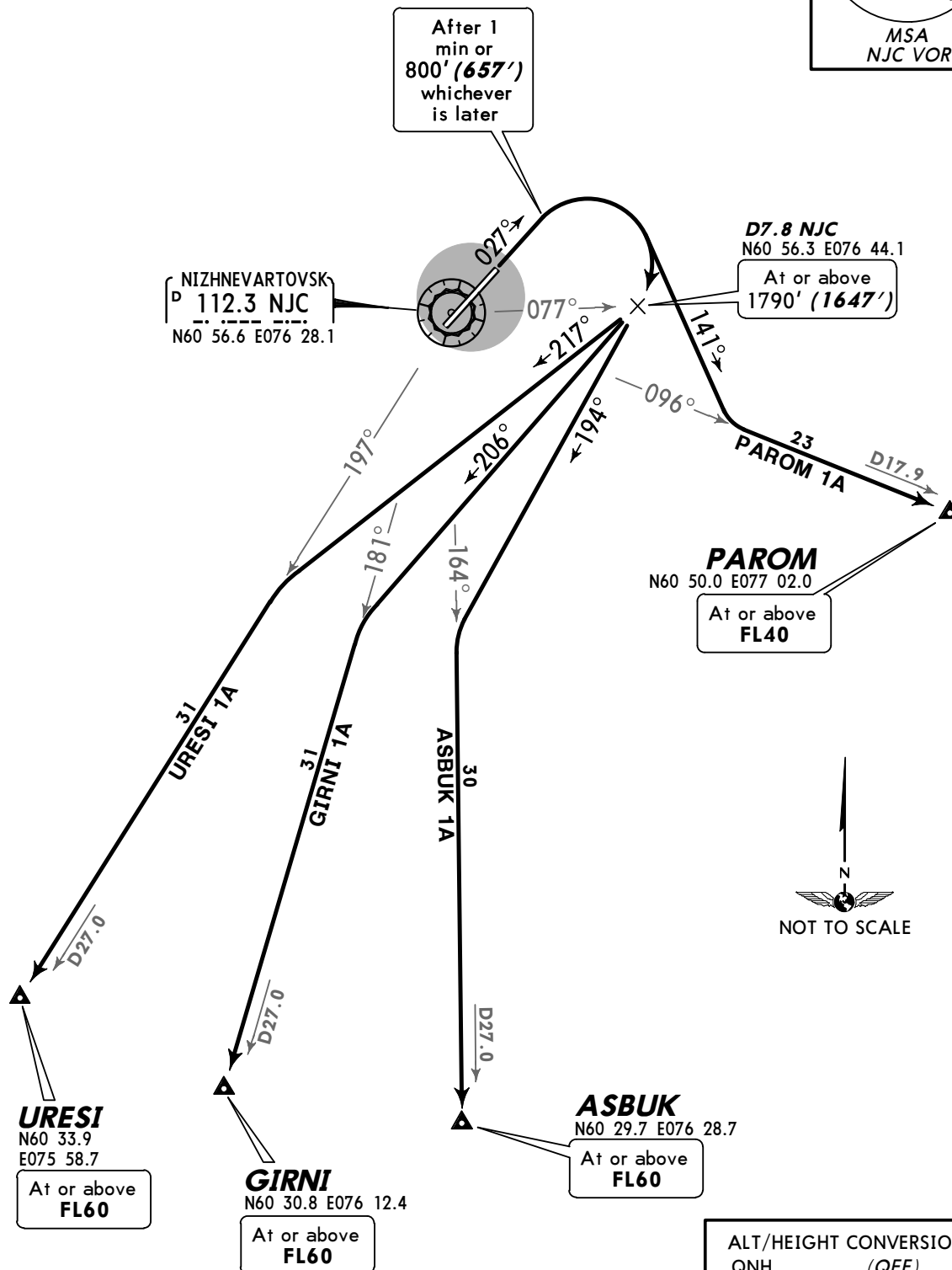
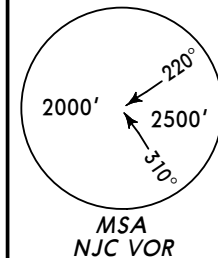
FL50 if pressure is less than 756 mm (1007.9 hPa)

FL60 if pressure is less than 729 mm (971.9 hPa)

Trans alt: 2810' (2667')

1. After climbing to 800' (657') contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1790' (1647').

ASBUK 1A [ASBU1A], GIRNI 1A [GIRI1A]  
PAROM 1A [PARO1A], URESI 1A [URES1A]  
RWY 03 DEPARTURES



| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 800'                  | (657' - 200m)  |
| 1790'                 | (1647' - 500m) |
| 2810'                 | (2667' - 800m) |

**USNN/NJC**  
**NIZHNEVARTOVSK**

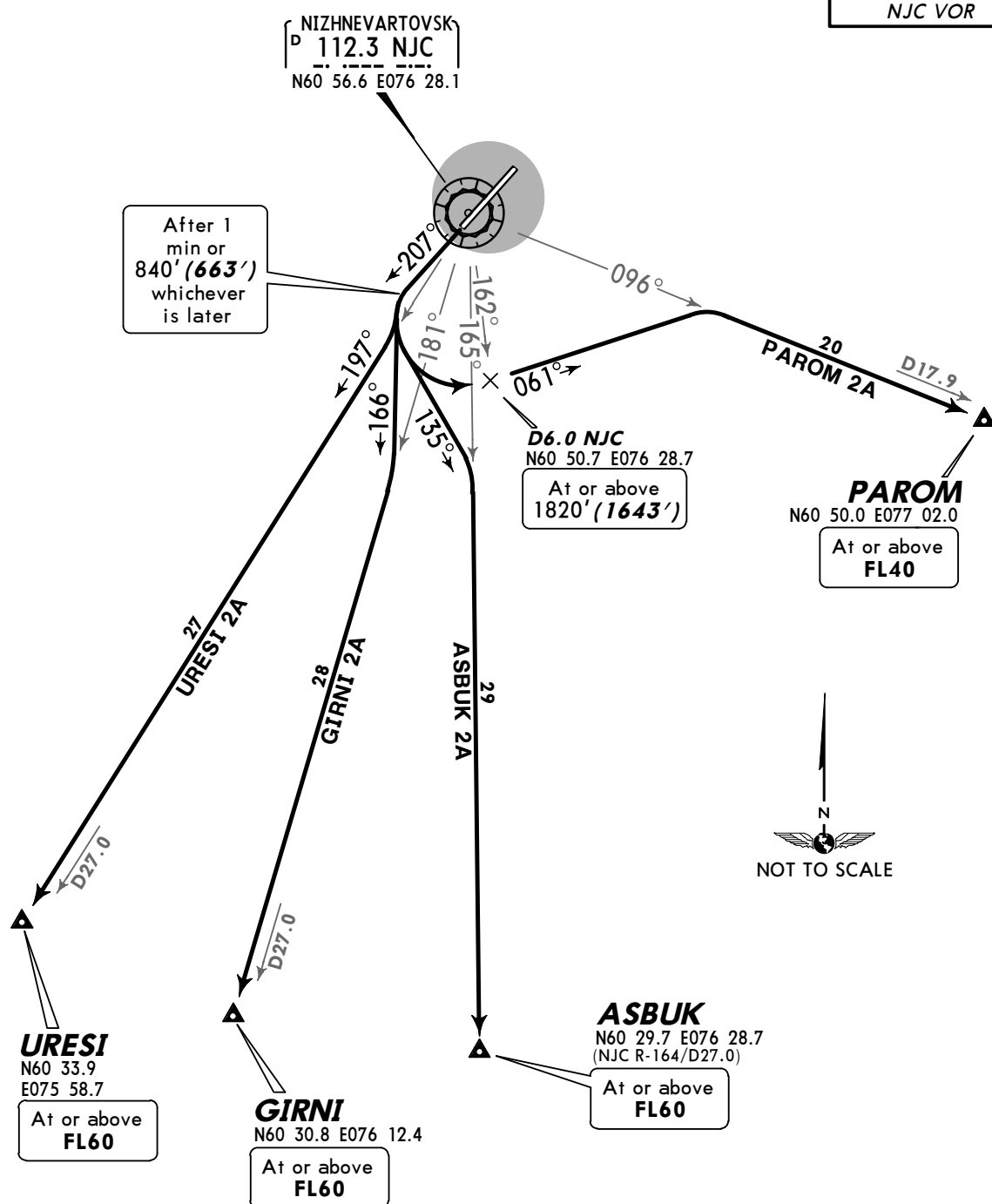
15 JUN 12

**JEPPESSEN NIZHNEVARTOVSK, RUSSIA**

**Eff 28 Jun****SID**

|                                         |                                |                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NIZHNEVARTOVSK<br>Radar<br><b>120.4</b> | <i>Apt Elev</i><br><b>177'</b> | QNH on request <b>(QFE)</b><br>Trans level: FL40<br>FL50 if pressure is less than 755 mm (1006.6 hPa)<br>FL60 if pressure is less than 728 mm (970.6 hPa)<br>Trans alt: 2810' <b>(2633')</b><br>1. After climbing to 840' <b>(663')</b> contact NIZHNEVARTOVSK Radar.<br>2. Initial climb clearance 1820' <b>(1643')</b> . |
|-----------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

ASBUK 2A [ASBU2A], GIRNI 2A [GIRI2A]  
PAROM 2A [PARO2A], URESI 2A [URES2A]  
RWY 21 DEPARTURES



ALT/HEIGHT CONVERSION  
QNH (QFE)

|       |                |
|-------|----------------|
| 840'  | (663' - 200m)  |
| 1820' | (1643' - 500m) |
| 2810' | (2633' - 800m) |

**USNN/NJC**  
**NIZHNEVARTOVSK**

15 JUN 12

10-3F

**Eff 28 Jun**

SID

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

### QNH on request (QFE)

Trans level: FL40

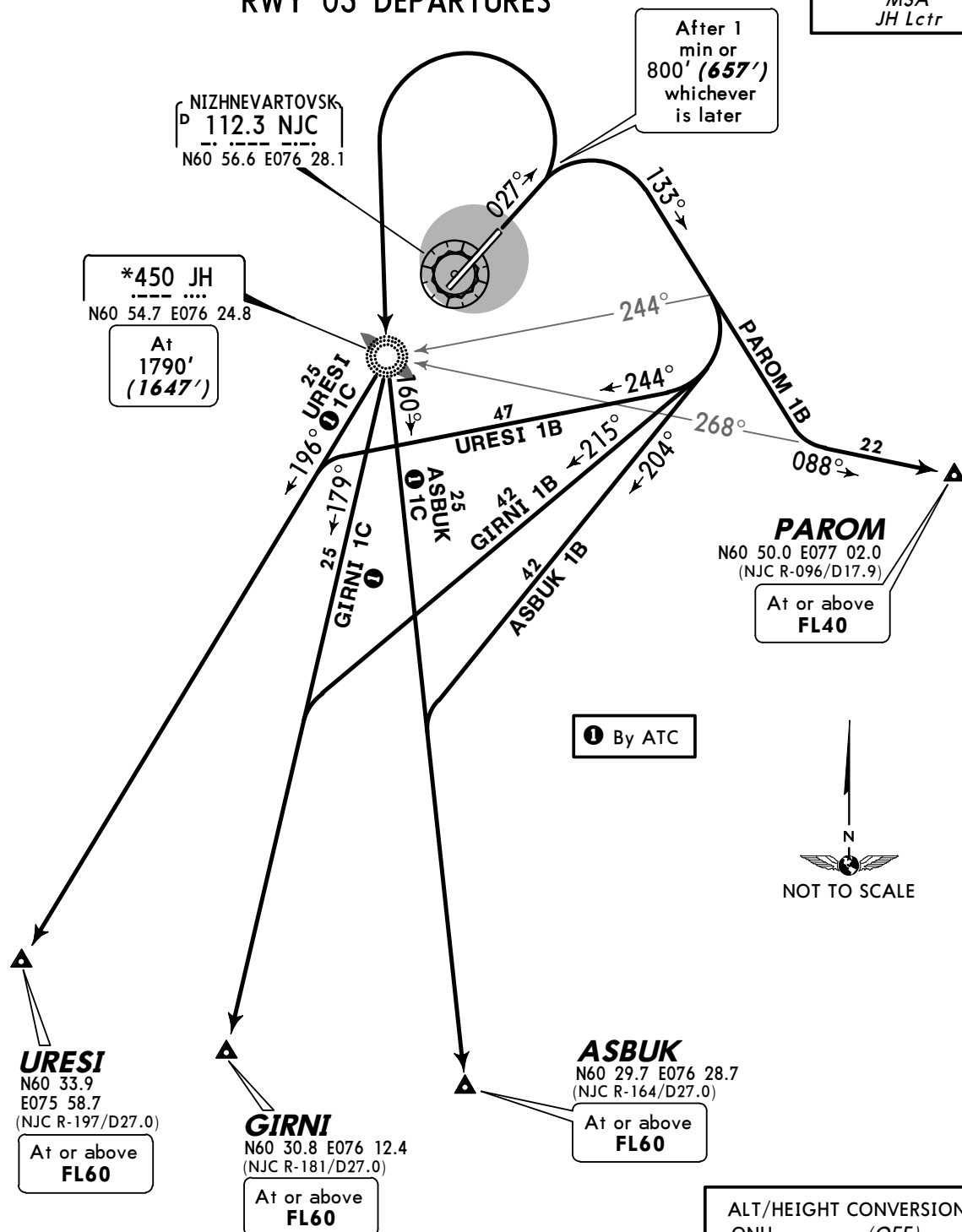
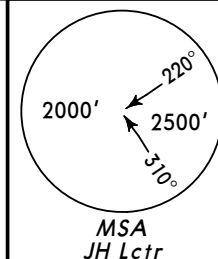
FL50 if pressure is less than 756 mm (1007.9 hPa)

FL60 if pressure is less than 729 mm (971.9 hPa)

Trans alt: 2810' (**2667'**)

1. After climbing to 800' **(657')** contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1790' **(1647')**.

ASBUK 1B [ASBU1B],ASBUK 1C [ASBU1C]❶  
GIRNI 1B [GIRI1B],GIRNI 1C [GIRI1C]❶  
PAROM 1B [PARO1B]  
URESI 1B [URES1B],URESI 1C [URES1C]❶  
RWY 03 DEPARTURES



**PAROM**  
N60 50.0 E077 02.0  
(NJC R-096/D17.9)

At or above  
**FL40**

**1** By ATC



**URES!**  
N60 33.9  
E075 58.7  
(NJC R-197/D27.0)

At or above  
**FL60**

**GIRNI**  
N60 30.8 E076 12.4  
(NJC R-181/D27.0)

At or above  
**FL60**

**ASBUK**  
N60 29.7 E076 28.7  
(NJC R-164/D27.0)

At or above  
**FL60**

| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 800'                  | (657' - 200m)  |
| 1790'                 | (1647' - 500m) |
| 2810'                 | (2667' - 800m) |

USNN/NJC  
NIZHNEVARTOVSK

15 JUN 12

10-3G

Eff 28 Jun

SID

QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 755 mm (1006.6 hPa)

FL60 if pressure is less than 728 mm (970.6 hPa)

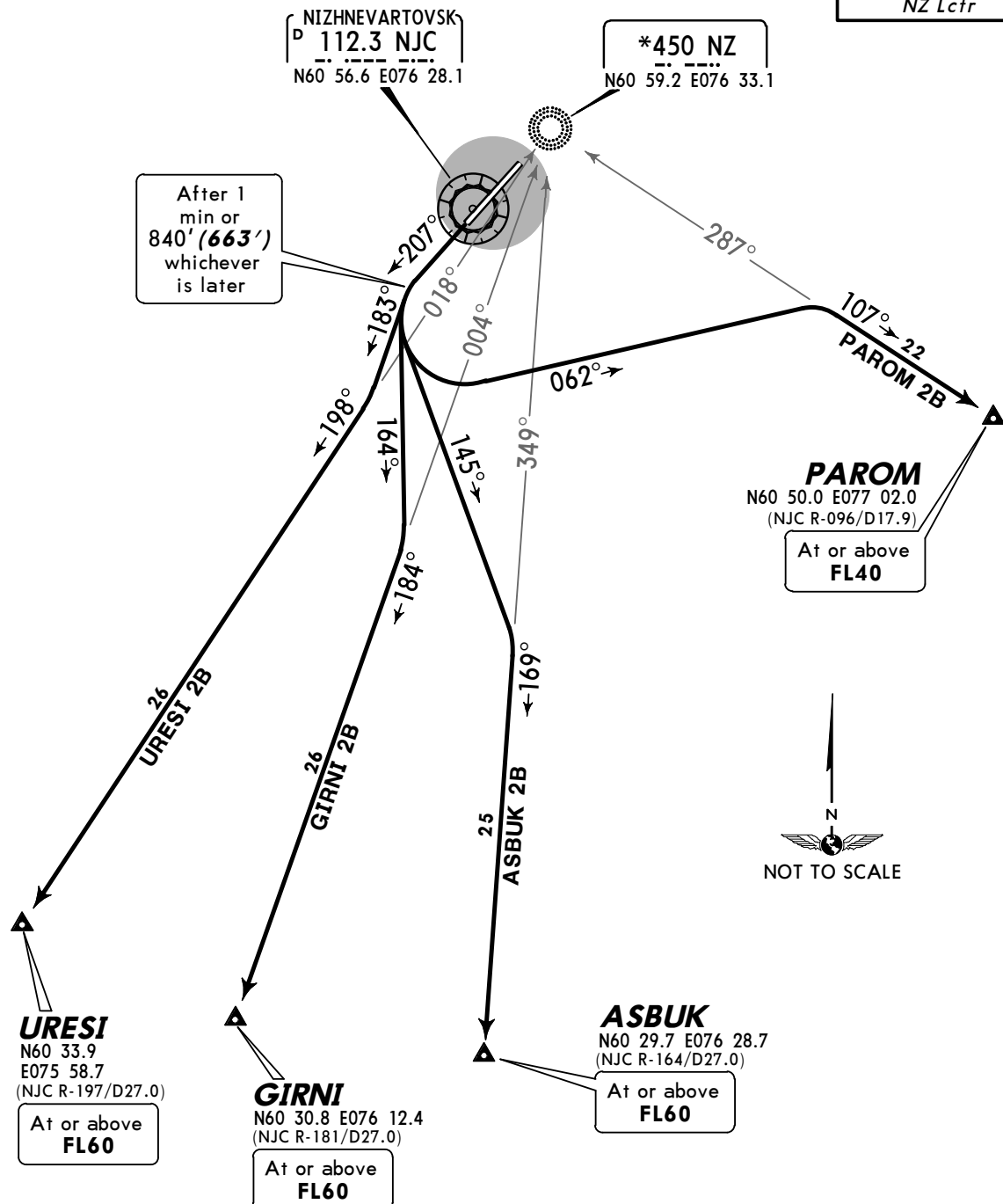
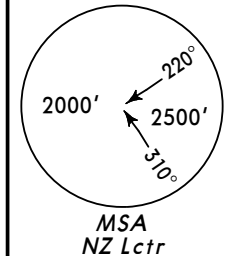
Trans alt: 2810' (2633')

1. After climbing to 840' (663') contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1820' (1643').

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

ASBUK 2B [ASBU2B], GIRNI 2B [GIRI2B]  
PAROM 2B [PARO2B], URESI 2B [URES2B]  
RWY 21 DEPARTURES



| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 840'                  | (663' - 200m)  |
| 1820'                 | (1643' - 500m) |
| 2810'                 | (2633' - 800m) |

USNN/NJC  
NIZHNEVARTOVSK

15 JUN 12

(10-3H)

Eff 28 Jun

SID

QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 756 mm (1007.9 hPa)

FL60 if pressure is 729 mm (971.9 hPa) or less

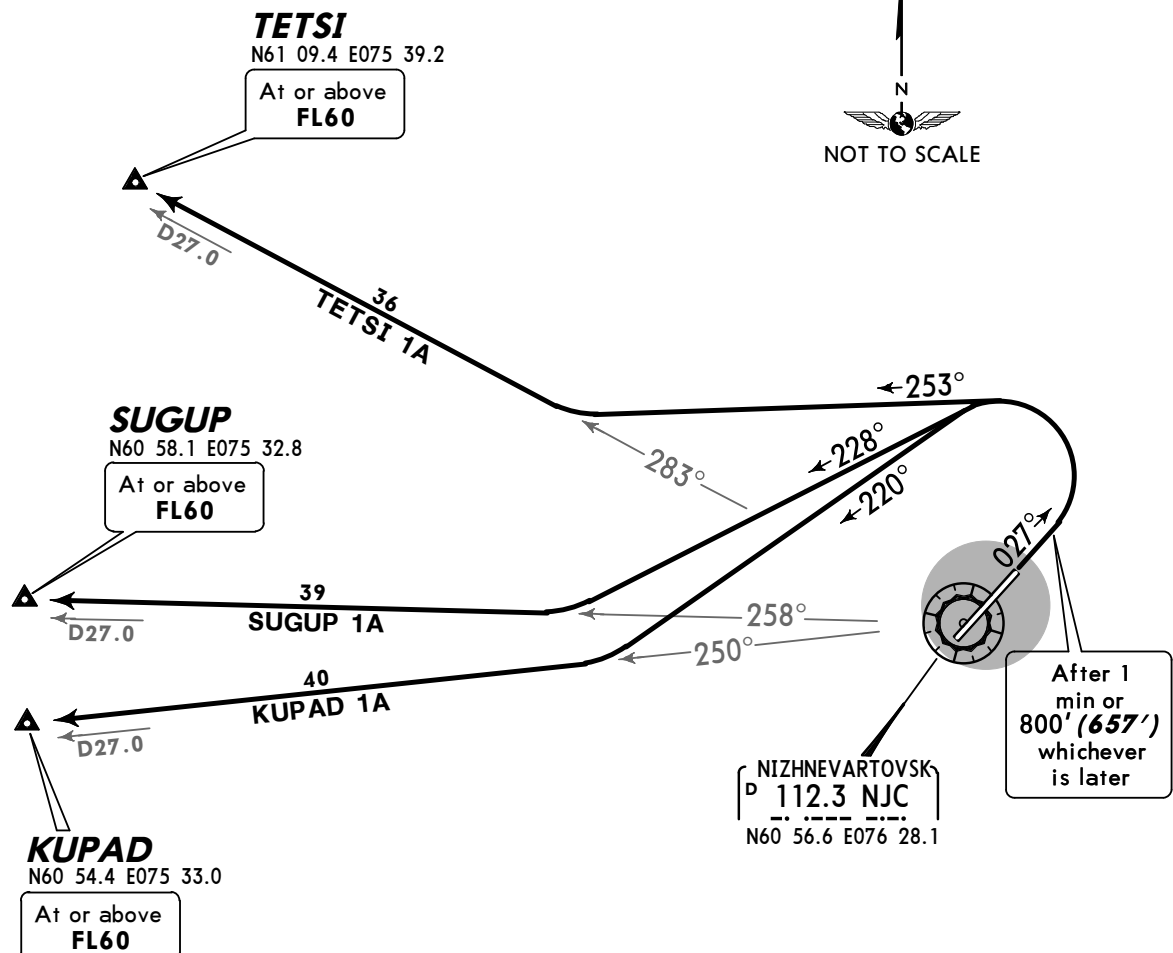
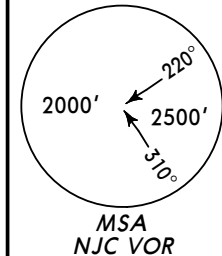
Trans alt: 2810' (2667')

1. After climbing to 800' (657') contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1790' (1647').

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

KUPAD 1A [KUPA1A], SUGUP 1A [SUGU1A]  
TETSI 1A [TETS1A]  
RWY 03 DEPARTURES



ALT/HEIGHT CONVERSION

QNH (QFE)

800' (657' - 200m)

1790' (1647' - 500m)

2810' (2667' - 800m)



USNN/NJC  
NIZHNEVARTOVSK

15 JUN 12

(10-3J)

Eff 28 Jun

SID

QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 755 mm (1006.6 hPa)

FL60 if pressure is less than 728 mm (970.6 hPa)

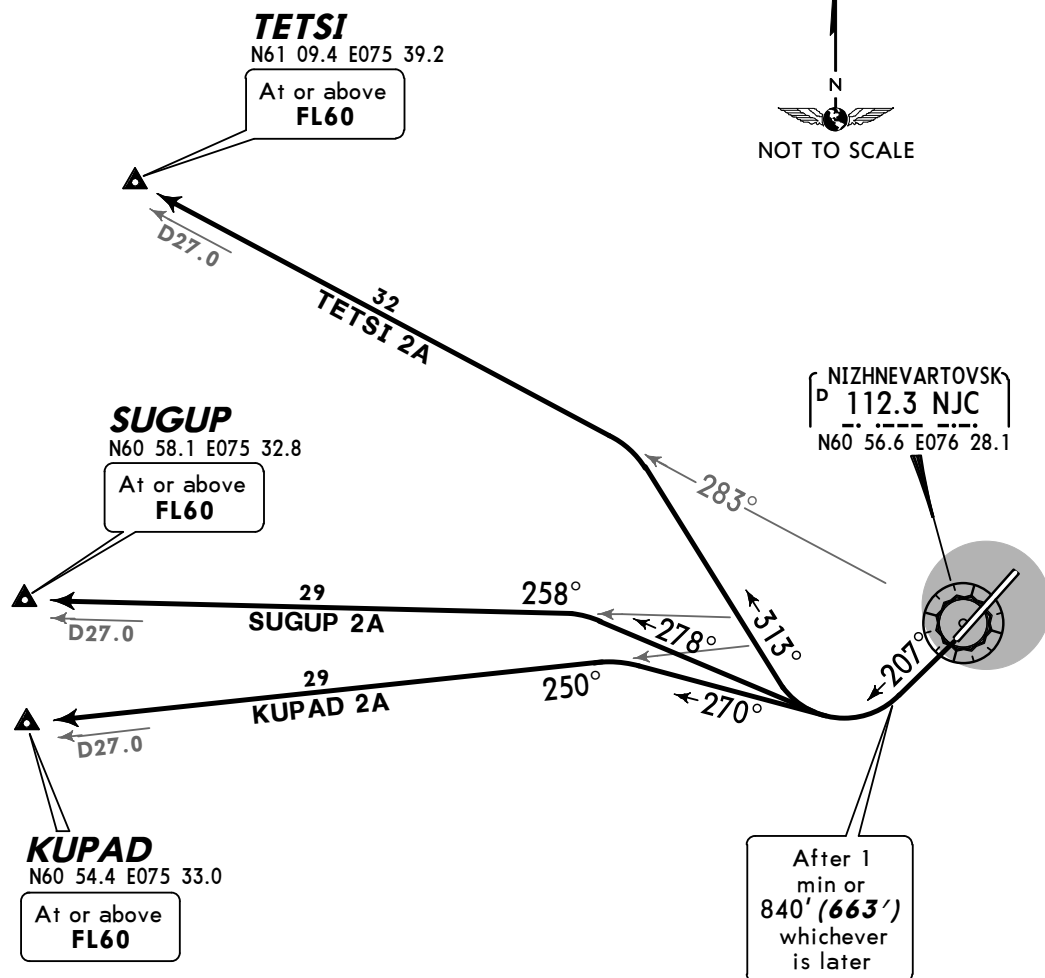
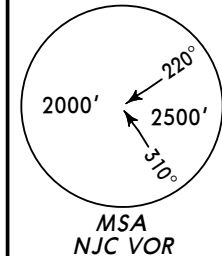
Trans alt: 2810' (2633')

1. After climbing to 840' (663') contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1820' (1643').

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

KUPAD 2A [KUPA2A], SUGUP 2A [SUGU2A]  
TETSI 2A [TETS2A]  
RWY 21 DEPARTURES



| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 840'                  | (663' - 200m)  |
| 1820'                 | (1643' - 500m) |
| 2810'                 | (2633' - 800m) |

USNN/NJC  
NIZHNEVARTOVSK

15 JUN 12

10-3K

Eff 28 Jun

SID

QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 756 mm (1007.9 hPa)

FL60 if pressure is less than 729 mm (971.9 hPa)

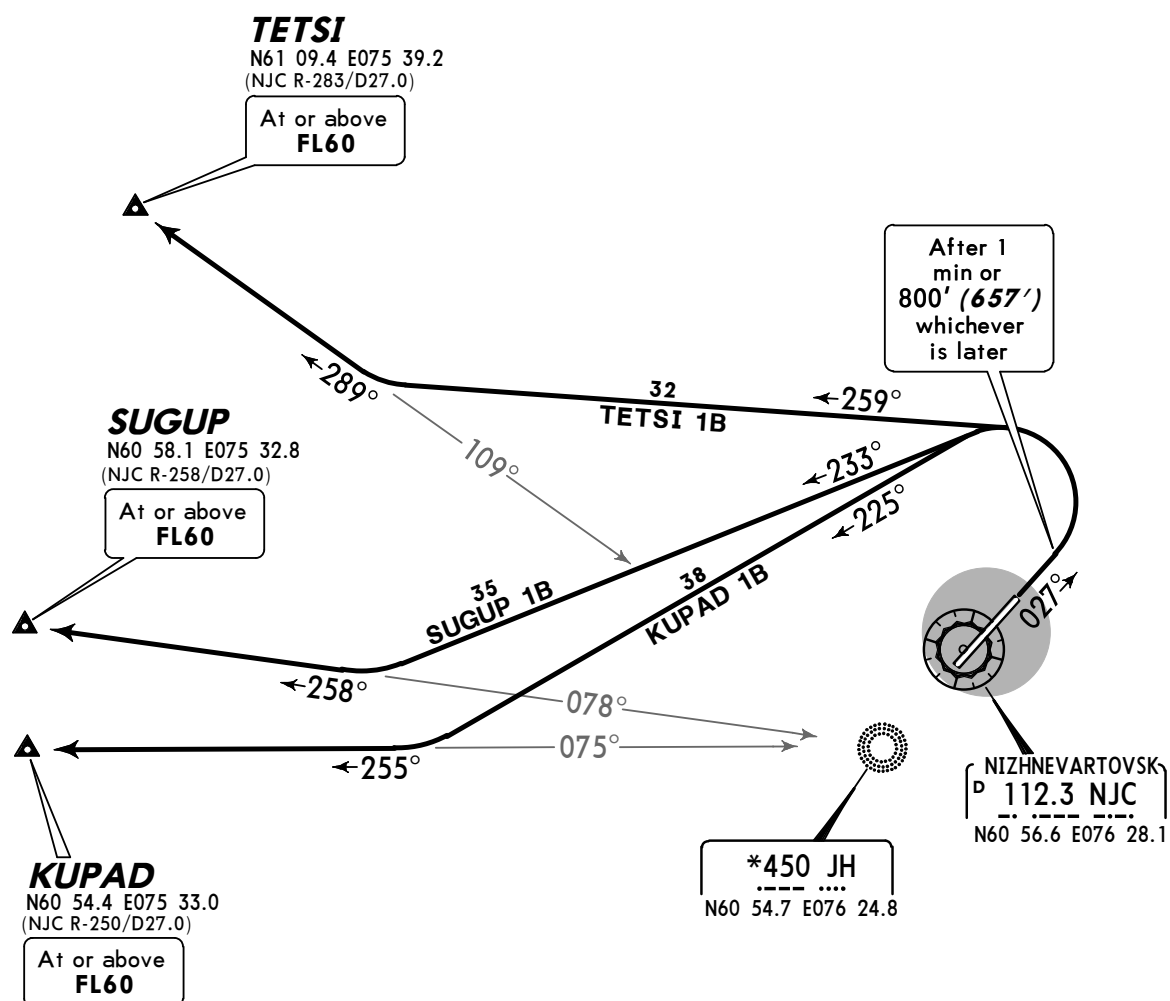
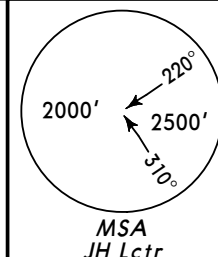
Trans alt: 2810' (2667')

1. After climbing to 800' (657') contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1790' (1647').

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

KUPAD 1B [KUPA1B], SUGUP 1B [SUGU1B]  
TETSI 1B [TETS1B]  
RWY 03 DEPARTURES



| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 800'                  | (657' - 200m)  |
| 1790'                 | (1647' - 500m) |
| 2810'                 | (2667' - 800m) |

**USNN/NJC**  
**NIZHNEVARTOVSK**

15 JUN 12

10-3L

**Eff 28 Jun****SID**

NIZHNEVARTOVSK  
Radar  
120.4

Apt Elev  
177'

### QNH on request (QFE)

Trans level: FL40

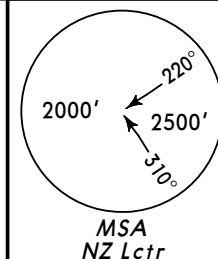
FL50 if pressure is less than 755 mm (1006.6 hPa)

FL60 if pressure is less than 728 mm (970.6 hPa)

Trans alt: 2810' (**2633'**)

1. After climbing to 840' (**663'**) contact NIZHNEVARTOVSK Radar.
2. Initial climb clearance 1820' (**1643'**).

KUPAD 2B [*KUPA2B*], SUGUP 2B [*SUGU2B*]  
TETSI 2B [*TETS2B*]  
RWY 21 DEPARTURES



**TETSI**

N61 09.4 E075 39.2  
(NJC R-283/D27.0)

or above  
**FL60**

TETSI 2B  $\leftarrow 276^\circ$

-096.

***SUGUP***

N60 58.1 E075 32.8  
(NJC R-258/D27.0)

At or above  
**FL60**

**SUGUP 2B**

**KUPAD 2B**

**KUPAD**

N60 54.4 E075 33.0  
(NJC R-250/D27.0)

At or above  
**FL60**

**\*450 NZ**

N60 59.2 E076 33.1

NIZHNEVARTOVSK

**D 112.3 NJC**  
N60 56.6 E076 28.1

After 1  
min or  
**840' (663')**  
whichever  
is later



NOT TO SCALE

ALT/HEIGHT CONVERSION  
QNH (QFE)

|       |                |
|-------|----------------|
| 840'  | (663' - 200m)  |
| 1820' | (1643' - 500m) |
| 2810' | (2633' - 800m) |

USNN/NJC

Apt Elev **177'**  
N60 56.9 E076 28.8



JEPPESSEN

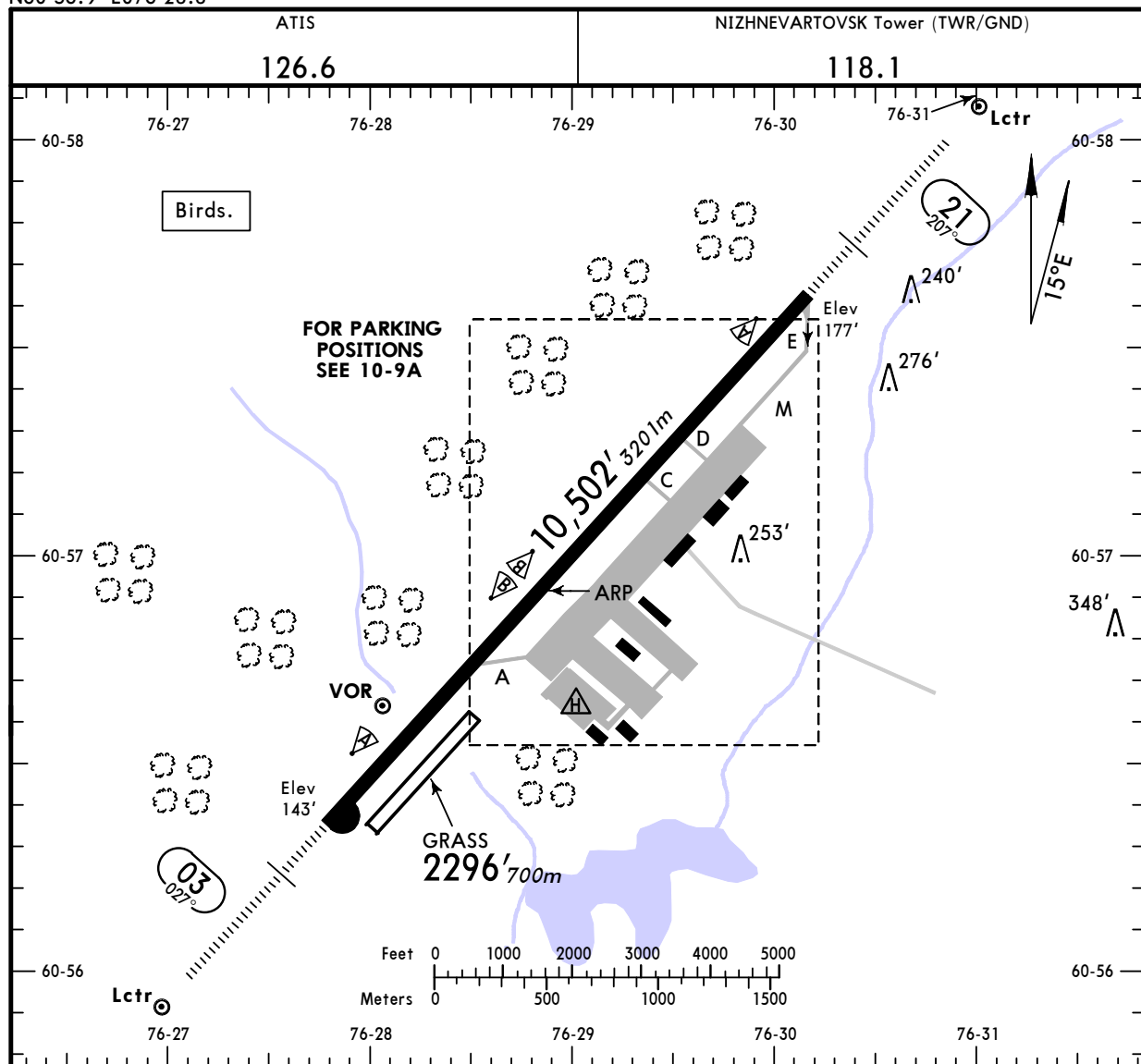
NIZHNEVARTOVSK, RUSSIA

4 NOV 11

(10-9)

Eff 17 Nov

NIZHNEVARTOVSK



# ADDITIONAL RUNWAY INFORMATION

| RWY |    |              |       |                      | USABLE LENGTHS |                | TAKE-OFF | WIDTH       |
|-----|----|--------------|-------|----------------------|----------------|----------------|----------|-------------|
|     |    |              |       |                      | Threshold      | Landing Beyond |          |             |
| 03  | 21 | HIRL (60m)   | HIALS | PAPI-L (angle 2.67°) | RVR            |                | 1        | 197'<br>60m |
| 03  | 21 | Grass runway |       |                      |                |                |          | 197'<br>60m |

## 1 TAKE-OFF RUN AVAILABLE

### RWY 03:

from rwy head 10,502' (3201m)  
twy A int 6234' (1900m)  
twy C int 3281' (1000m)  
twy D int 2625' (800m)

### RWY 21:

From rwy head 10,502' (3201m)  
twy D int 7874' (2400m)  
twy C int 7218' (2200m)  
twy A int 4101' (1250m)

## TAKE-OFF

### AIR CARRIER (JAA)

### Main rwy 03/21

### LVP must be in force

RCLM (DAY only)  
or RL

RCLM (DAY only)  
or RL

|   |      |      |
|---|------|------|
| A |      |      |
| B | 250m | 400m |
| C |      |      |
| D | 300m |      |

USNN/NJC

4 NOV 11

JEPPESEN

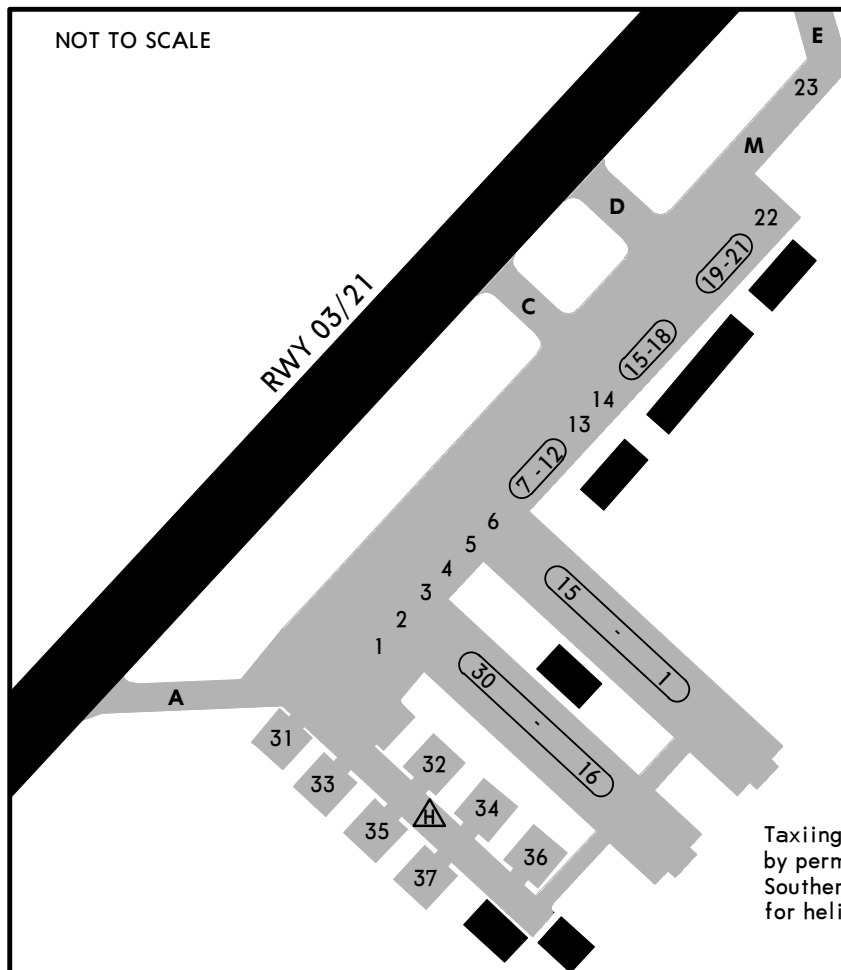
10-9A

Eff 17 Nov

NIZHNEVARTOVSK, RUSSIA

NIZHNEVARTOVSK

NOT TO SCALE



Taxiing and towing shall be carried out by permission of taxiing controller. Southern stands 1 thru 37 available for helicopters.

# INS COORDINATES NORTH

| STAND No. | DIRECTION  | COORDINATES        |
|-----------|------------|--------------------|
| 1 thru 3  | 117°       | N60 56.9 E076 29.2 |
| 3         | 297°       | N60 56.9 E076 29.2 |
| 4         | 117°       | N60 56.9 E076 29.3 |
| 4         | 297°       | N60 57.0 E076 29.2 |
| 5         | 117°       | N60 57.0 E076 29.3 |
| 5         | 297°       | N60 57.0 E076 29.4 |
| 6         | 117°       | N60 57.0 E076 29.4 |
| 6         | 297°       | N60 57.0 E076 29.3 |
| 7, 8      | 117°, 297° | N60 57.0 E076 29.4 |
| 9         | 117°       | N60 57.0 E076 29.5 |
| 9         | 297°       | N60 57.1 E076 29.4 |
| 13        | 117°, 297° | N60 57.1 E076 29.6 |
| 22        | 297°       | N60 57.3 E076 29.9 |
| 23        | 297°       | N60 57.4 E076 30.1 |

USNN/NJC


**NIZHNEVARTOVSK, RUSSIA**  
 NIZHNEVARTOVSK
**Standard**

| STRAIGHT-IN RWY |                | A                  | B                  | C                  | D                  |
|-----------------|----------------|--------------------|--------------------|--------------------|--------------------|
| <b>03</b>       | ILS            | <b>343'</b> (200') | <b>343'</b> (200') | <b>343'</b> (200') | <b>343'</b> (200') |
|                 | <i>FULL</i>    | <b>R550m</b>       | <b>R550m</b>       | <b>R550m</b>       | <b>R550m</b>       |
|                 | <i>Limited</i> | R750m              | R750m              | R750m              | R750m              |
|                 | <i>ALS out</i> | R1200m             | R1200m             | R1200m             | R1200m             |
|                 | LOC            | NOT AUTH           | NOT AUTH           | NOT AUTH           | NOT AUTH           |
|                 | RNAV ①         | <b>490'</b> (347') | <b>490'</b> (347') | <b>490'</b> (347') | <b>490'</b> (347') |
| <b>21</b>       | <i>ALS out</i> | <b>R900m</b>       | <b>R900m</b>       | <b>R900m</b>       | <b>R900m</b>       |
|                 |                | R1500m             | R1500m             | R1600m             | R1600m             |
|                 | VOR ①          | <b>490'</b> (347') | <b>490'</b> (347') | <b>490'</b> (347') | <b>490'</b> (347') |
|                 | <i>ALS out</i> | <b>R900m</b>       | <b>R900m</b>       | <b>R900m</b>       | <b>R900m</b>       |
|                 |                | R1500m             | R1500m             | R1600m             | R1600m             |
|                 | NDB ①          | <b>500'</b> (357') | <b>500'</b> (357') | <b>500'</b> (357') | <b>500'</b> (357') |
| <b>21</b>       | <i>ALS out</i> | <b>R900m</b>       | <b>R900m</b>       | <b>R900m</b>       | <b>R900m</b>       |
|                 |                | R1500m             | R1500m             | R1600m             | R1600m             |
|                 | ILS            | <b>377'</b> (200') | <b>377'</b> (200') | <b>377'</b> (200') | <b>377'</b> (200') |
|                 | <i>FULL</i>    | <b>R550m</b>       | <b>R550m</b>       | <b>R550m</b>       | <b>R550m</b>       |
|                 | <i>Limited</i> | R750m              | R750m              | R750m              | R750m              |
|                 | <i>ALS out</i> | R1200m             | R1200m             | R1200m             | R1200m             |
| <b>21</b>       | LOC            | NOT AUTH           | NOT AUTH           | NOT AUTH           | NOT AUTH           |
|                 | RNAV ①         | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') |
|                 | <i>ALS out</i> | <b>R1100m</b>      | <b>R1100m</b>      | <b>R1100m</b>      | <b>R1100m</b>      |
|                 |                | R1500m             | R1500m             | R1800m             | R1800m             |
|                 | VOR ①          | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') |
|                 | <i>ALS out</i> | <b>R1100m</b>      | <b>R1100m</b>      | <b>R1100m</b>      | <b>R1100m</b>      |
| <b>21</b>       |                | R1500m             | R1500m             | R1800m             | R1800m             |
|                 | NDB ①          | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') |
|                 | <i>ALS out</i> | <b>R1100m</b>      | <b>R1100m</b>      | <b>R1100m</b>      | <b>R1100m</b>      |
|                 |                | R1500m             | R1500m             | R1800m             | R1800m             |

① Continuous Descent Final Approach.

| CIRCLE-TO-LAND ② | 100 KT             | 135 KT             | 180 KT             | 205 KT             |
|------------------|--------------------|--------------------|--------------------|--------------------|
|                  | <b>710'</b> (533') | <b>850'</b> (673') | <b>950'</b> (773') | <b>950'</b> (773') |
|                  | ceil500m- V3000m   | ceil500m- V3000m   | ceil500m- V3000m   | ceil500m- V4000m   |

② WARNING: Prohibited Southeast of apt below 1820' (1643').

**TAKE-OFF RWY 03, 21**

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

USNN/NJC


**JAA MINIMUMS**  
**NIZHNEVARTOVSK, RUSSIA**  
**NIZHNEVARTOVSK**

| STRAIGHT-IN RWY |                | A                  | B                  | C                  | D                  |
|-----------------|----------------|--------------------|--------------------|--------------------|--------------------|
| 03              | ILS            | <b>343'</b> (200') | <b>343'</b> (200') | <b>343'</b> (200') | <b>343'</b> (200') |
|                 |                | <b>R550m</b>       | <b>R550m</b>       | <b>R550m</b>       | <b>R550m</b>       |
|                 | <i>ALS out</i> | R1000m             | R1000m             | R1000m             | R1000m             |
|                 | LOC            | NOT AUTH           | NOT AUTH           | NOT AUTH           | NOT AUTH           |
|                 | RNAV           | <b>490'</b> (347') | <b>490'</b> (347') | <b>490'</b> (347') | <b>490'</b> (347') |
|                 |                | <b>R900m</b>       | <b>R1000m</b>      | <b>R1000m</b>      | <b>R1400m</b>      |
|                 | <i>ALS out</i> | R1500m             | R1500m             | R1800m             | R2000m             |
|                 | VOR            | <b>490'</b> (347') | <b>490'</b> (347') | <b>490'</b> (347') | <b>490'</b> (347') |
|                 |                | <b>R900m</b>       | <b>R1000m</b>      | <b>R1000m</b>      | <b>R1400m</b>      |
|                 | <i>ALS out</i> | R1500m             | R1500m             | R1800m             | R2000m             |
|                 | NDB            | <b>490'</b> (347') | <b>490'</b> (347') | <b>490'</b> (347') | <b>490'</b> (347') |
|                 |                | <b>R900m</b>       | <b>R1000m</b>      | <b>R1000m</b>      | <b>R1400m</b>      |
| 21              | <i>ALS out</i> | R1500m             | R1500m             | R1800m             | R2000m             |
|                 | ILS            | <b>377'</b> (200') | <b>377'</b> (200') | <b>377'</b> (200') | <b>377'</b> (200') |
|                 |                | <b>R550m</b>       | <b>R550m</b>       | <b>R550m</b>       | <b>R550m</b>       |
|                 | <i>ALS out</i> | R1000m             | R1000m             | R1000m             | R1000m             |
|                 | LOC            | NOT AUTH           | NOT AUTH           | NOT AUTH           | NOT AUTH           |
|                 | RNAV           | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') |
|                 |                | <b>R900m</b>       | <b>R1000m</b>      | <b>R1000m</b>      | <b>R1400m</b>      |
|                 | <i>ALS out</i> | R1500m             | R1500m             | R1800m             | R2000m             |
|                 | VOR            | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') |
|                 |                | <b>R900m</b>       | <b>R1000m</b>      | <b>R1000m</b>      | <b>R1400m</b>      |
|                 | <i>ALS out</i> | R1500m             | R1500m             | R1800m             | R2000m             |
|                 | NDB            | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') | <b>570'</b> (393') |
|                 |                | <b>R900m</b>       | <b>R1000m</b>      | <b>R1000m</b>      | <b>R1400m</b>      |
|                 | <i>ALS out</i> | R1500m             | R1500m             | R1800m             | R2000m             |

| CIRCLE-TO-LAND ① | 100 KT             | 135 KT             | 180 KT             | 205 KT             |
|------------------|--------------------|--------------------|--------------------|--------------------|
|                  | <b>710'</b> (533') | <b>850'</b> (673') | <b>950'</b> (773') | <b>950'</b> (773') |
|                  | ceil500m- V3000m   | ceil500m- V3000m   | ceil500m- V3000m   | ceil500m- V4000m   |

① WARNING: Prohibited Southeast of apt below 1820' (1643').

**TAKE-OFF RWY 03, 21**

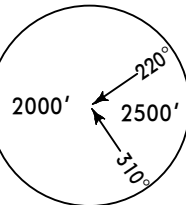
| LVP must be in Force     |      |                   |
|--------------------------|------|-------------------|
| RCLM (DAY only)<br>or RL |      | NIL<br>(DAY only) |
| A                        | 250m | 400m              |
| B                        |      |                   |
| C                 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

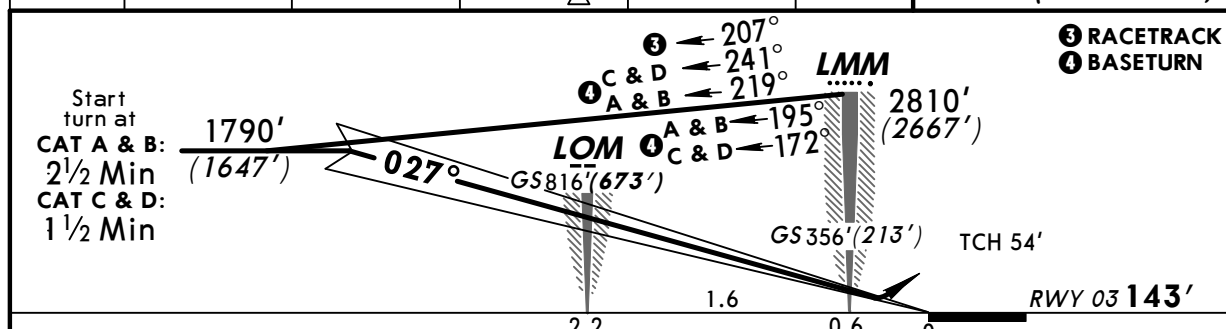
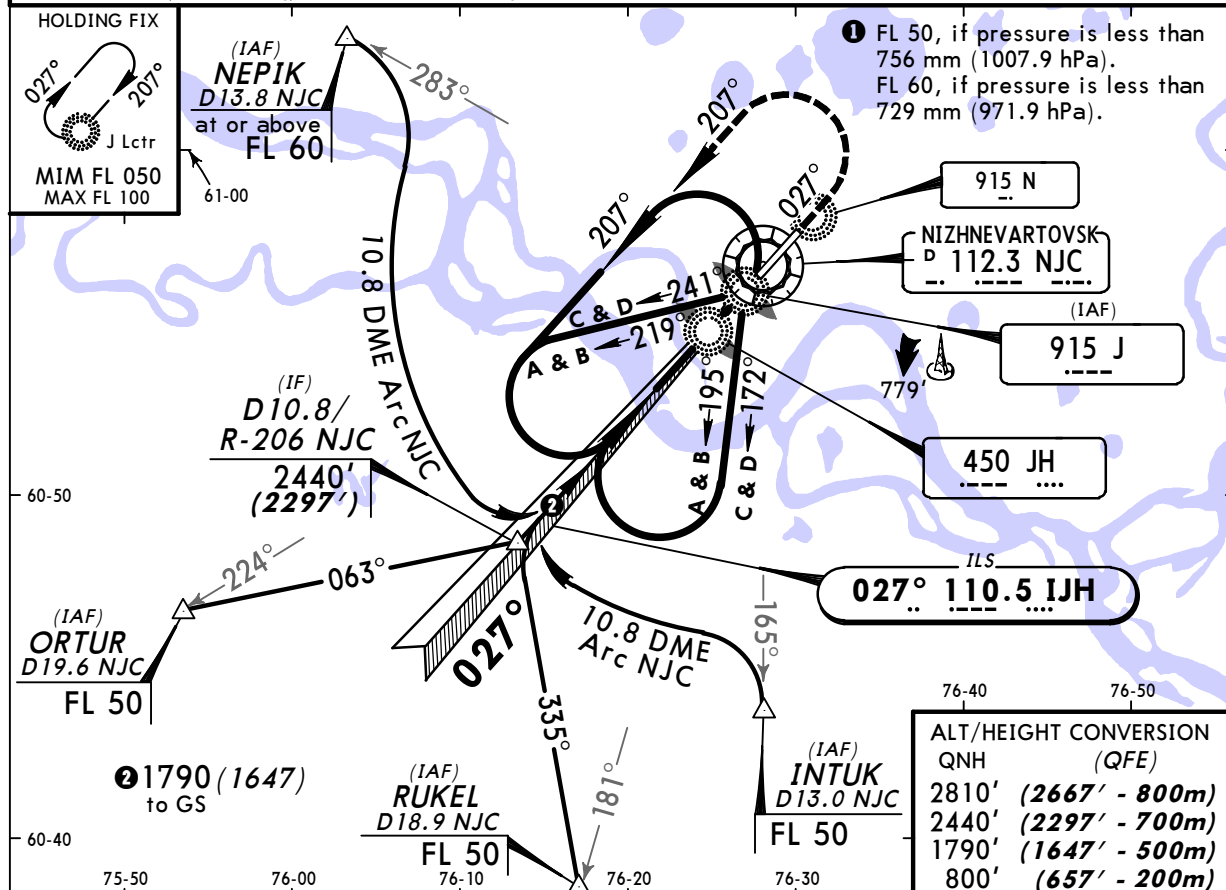
USNN/NJC  
NIZHNEVARTOVSK

30 DEC 11 (11-1)

NIZHNEVARTOVSK, RUSSIA  
ILS Rwy 03

BRIEFING STRIP

|                                                                                                                       |                            |                               |                            |                                            |  |                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------|----------------------------|--------------------------------------------|--|-------------------------------------------------------------------------------------------------------|
| ATIS<br>126.6                                                                                                         |                            | NIZHNEVARTOVSK Radar<br>120.4 |                            | NIZHNEVARTOVSK Tower<br>(TWR/GND)<br>118.1 |  | <br>MSA<br>NJC VOR |
| LOC<br>IJH<br>110.5                                                                                                   | Final<br>Aptch Crs<br>027° | GS<br>LOM<br>816'(673')       | ILS<br>DA(H)<br>343'(200') | Apt Elev 177'<br>RWY 143'                  |  |                                                                                                       |
| MISSED APCH: Climb on 027° to 800'(657'), then turn LEFT onto 207° climbing to 1790'(1647'), then according to chart. |                            |                               |                            |                                            |  |                                                                                                       |
| Alt Set: MM (hPa on req)      QNH on req (QFE)      Trans level: FL 40 ①      Trans alt: 2810'(2667')                 |                            |                               |                            |                                            |  |                                                                                                       |
|                                                                                                                       |                            |                               |                            |                                            |  |                                                                                                       |



| Gnd speed-Kts | 70    | 90  | 100 | 120 | 140 | 160 | HIALS | 800' (657') on 027° | 207° LT | 1790' (1647') |
|---------------|-------|-----|-----|-----|-----|-----|-------|---------------------|---------|---------------|
| GS            | 2.67° | 336 | 432 | 480 | 576 | 671 | 767   |                     |         |               |

| STRAIGHT-IN LANDING RWY 03 |  |  | CEILING REQUIRED |  | CIRCLE-TO-LAND                                           |                          |
|----------------------------|--|--|------------------|--|----------------------------------------------------------|--------------------------|
| ILS                        |  |  | LOC (GS out)     |  | WARNING: Prohibited Southeast of apt below 1820' (1643') |                          |
| DA(H) 343' (200')          |  |  |                  |  |                                                          |                          |
| FULL                       |  |  | ALS out          |  |                                                          |                          |
| A                          |  |  |                  |  | Max Kts                                                  | MDA(H) CEIL-VIS          |
| B                          |  |  |                  |  | 100                                                      | 710' (533') 500m - 3000m |
| C                          |  |  |                  |  | 135                                                      | 850' (673') 500m - 3000m |
| D                          |  |  |                  |  | 180                                                      | 950' (773') 500m - 3000m |
|                            |  |  |                  |  | 205                                                      | 950' (773') 500m - 4000m |

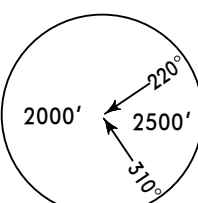


USNN/NJC  
NIZHNEVARTOVSK

30 DEC 11 (11-2)

NIZHNEVARTOVSK, RUSSIA  
ILS Rwy 21

BRIEFING STRIP

|                                                                                                                        |                           |                                   |                            |                                                |  |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------|----------------------------|------------------------------------------------|--|-------------------------------------------------------------------------------------|
| ATIS<br><br>126.6                                                                                                      |                           | NIZHNEVARTOVSK Radar<br><br>120.4 |                            | NIZHNEVARTOVSK Tower<br>(TWR/GND)<br><br>118.1 |  |  |
| LOC<br>INZ<br>111.9                                                                                                    | Final<br>Apch Crs<br>207° | GS<br>LOM<br>834'(657')           | ILS<br>DA(H)<br>377'(200') | Apt Elev 177'<br>RWY 177'                      |  |                                                                                     |
| MISSED APCH: Climb on 207° to 840'(663'), then turn RIGHT onto 027° climbing to 1820'(1643'), then according to chart. |                           |                                   |                            |                                                |  |                                                                                     |
|                                                                                                                        |                           |                                   |                            |                                                |  |                                                                                     |

Alt Set: MM (hPa on req)

QNH on req (QFE)

Trans level: FL 40 ①

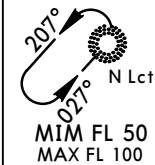
Trans alt: 2810' (2633')

ALT/HEIGHT CONVERSION  
QNH (QFE)

2810' (2633' - 800m)  
2480' (2303' - 700m)  
1820' (1643' - 500m)  
840' (663' - 200m)

① FL 50, if pressure is less than 755 mm (1006.6 hPa).  
FL 60, if pressure is less than 728 mm (970.6 hPa).

HOLDING FIX



(IAF) NEPIK  
D13.8 NJC  
at or above  
FL 60

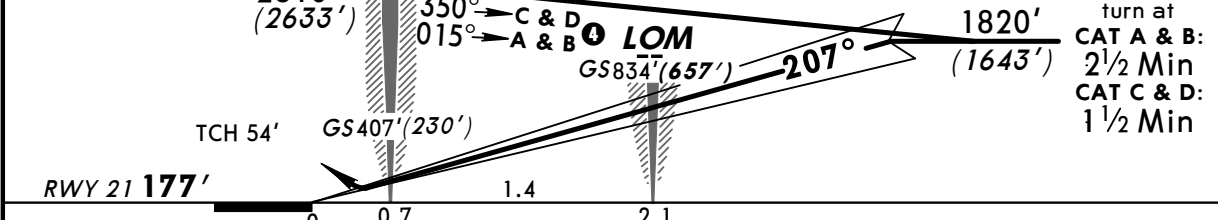
61-00

(IAF) LATNO  
D13.8 NJC  
at or above  
FL 60

60-50 76-00 76-10 76-20 76-30 76-40 76-50 77-00

③ RACETRACK

④ BASETURN



| Gnd speed-Kts | 70    | 90  | 100 | 120 | 140 | 160 | HIALS | 840' (663') on 207° | 027° | 1820' (1643') |
|---------------|-------|-----|-----|-----|-----|-----|-------|---------------------|------|---------------|
| GS            | 2.67° | 336 | 432 | 480 | 576 | 671 | 767   | PAPI                | RT   |               |

| STRAIGHT-IN LANDING RWY 21 |  |  | CEILING REQUIRED |  | CIRCLE-TO-LAND                                           |                          |
|----------------------------|--|--|------------------|--|----------------------------------------------------------|--------------------------|
| ILS                        |  |  | LOC (GS out)     |  | WARNING: Prohibited Southeast of apt below 1820' (1643') |                          |
| DA(H) 377' (200')          |  |  |                  |  |                                                          |                          |
| FULL                       |  |  | ALS out          |  |                                                          |                          |
| A                          |  |  |                  |  | Max Kts                                                  | MDA(H) CEIL-VIS          |
| B                          |  |  |                  |  | 100                                                      | 710' (533') 500m - 3000m |
| C                          |  |  |                  |  | 135                                                      | 850' (673') 500m - 3000m |
| D                          |  |  |                  |  | 180                                                      | 950' (773') 500m - 3000m |
|                            |  |  |                  |  | 205                                                      | 950' (773') 500m - 4000m |

CHANGES: Communications.

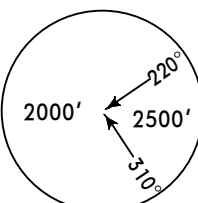
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30 DEC 11 (12-1)

NIZHNEVARTOVSK, RUSSIA  
RNAV (GNSS) Rwy 03

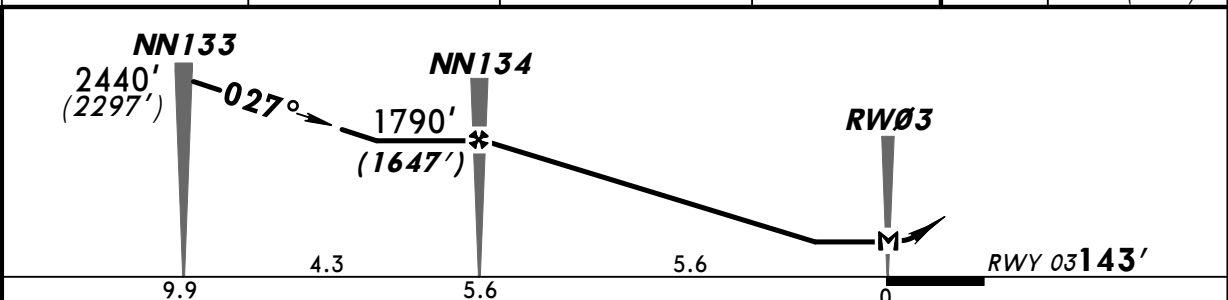
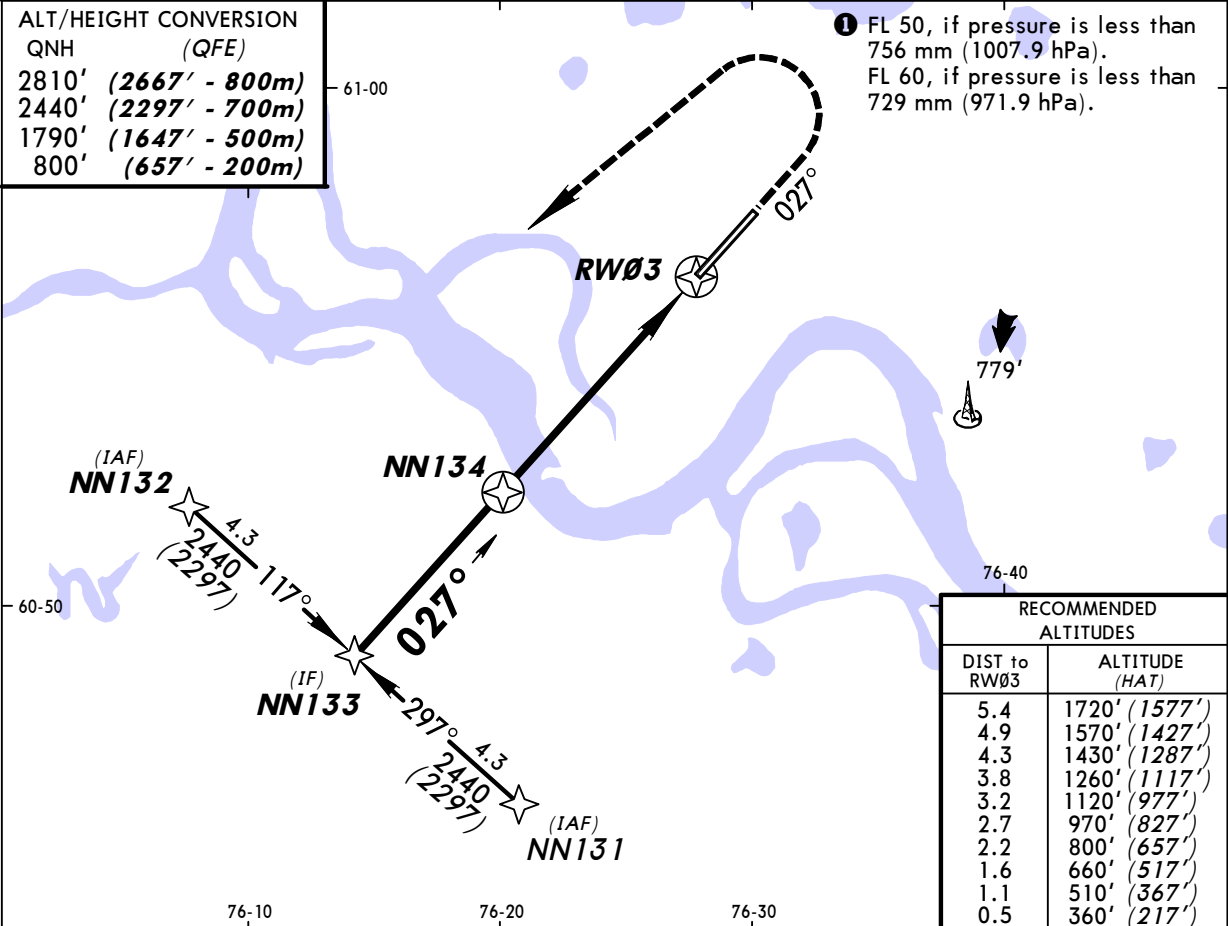
BRIEFING STRIP

|                                                                                                                              |                                  |                                              |                              |                                                   |  |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------|------------------------------|---------------------------------------------------|--|-------------------------------------------------------------------------------------|
| ATIS<br><b>126.6</b>                                                                                                         |                                  | NIZHNEVARTOVSK Radar<br><b>120.4</b>         |                              | NIZHNEVARTOVSK Tower<br>(TWR/GND)<br><b>118.1</b> |  |  |
| RNAV                                                                                                                         | Final<br>Apch Crs<br><b>027°</b> | Minimum Alt<br><b>NN134</b><br>1790' (1647') | MDA(H)<br><b>490' (347')</b> | Apt Elev 177'<br><b>RWY 143'</b>                  |  |                                                                                     |
| MISSED APCH: Climb on track 027° to 800' (657'), then turn LEFT to NN132 climbing to 1790' (1647'), then according to chart. |                                  |                                              |                              |                                                   |  |                                                                                     |

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 ① Trans alt: 2810' (2667')

| ALT/HEIGHT CONVERSION | QNH            | (QFE) |
|-----------------------|----------------|-------|
| 2810'                 | (2667' - 800m) |       |
| 2440'                 | (2297' - 700m) |       |
| 1790'                 | (1647' - 500m) |       |
| 800'                  | (657' - 200m)  |       |

① FL 50, if pressure is less than 756 mm (1007.9 hPa).  
FL 60, if pressure is less than 729 mm (971.9 hPa).



|               |       |     |     |     |     |     |       |                     |       |               |
|---------------|-------|-----|-----|-----|-----|-----|-------|---------------------|-------|---------------|
| Gnd speed-Kts | 70    | 90  | 100 | 120 | 140 | 160 | HIALS | 800' (657') on 027° | NN132 | 1790' (1647') |
| Descent Angle | 2.67° | 331 | 425 | 472 | 567 | 661 | 756   | PAPI                | LT    |               |
| MAP at RWY03  |       |     |     |     |     |     |       |                     |       |               |

| STRAIGHT-IN LANDING RWY 03 |                        |         |                        | CEILING REQUIRED                                         |                    | CIRCLE-TO-LAND |  |
|----------------------------|------------------------|---------|------------------------|----------------------------------------------------------|--------------------|----------------|--|
| MDA(H) <b>490' (347')</b>  |                        |         |                        | WARNING: Prohibited Southeast of apt below 1820' (1643') |                    |                |  |
|                            |                        | ALS out |                        | Max Kts                                                  | MDA(H)             | CEIL-VIS       |  |
| A                          |                        |         |                        | 100                                                      | <b>710' (533')</b> | 500m - 3000m   |  |
| B                          | RVR 720m<br>VIS 800m   |         | RVR 1500m<br>VIS 1600m | 135                                                      | <b>850' (673')</b> | 500m - 3000m   |  |
| C                          |                        |         |                        | 180                                                      | <b>950' (773')</b> | 500m - 3000m   |  |
| D                          | RVR 1500m<br>VIS 1600m |         | RVR 1800m<br>VIS 2000m | 205                                                      | <b>950' (773')</b> | 500m - 4000m   |  |

PANS OPS

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NIZHNEVARTOVSK

30 DEC 11 (12-2)

NIZHNEVARTOVSK, RUSSIA  
RNAV (GNSS) Rwy 21

BRIEFING STRIP™

|                                                                                                                               |                           |                                       |                       |                                            |  |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------|-----------------------|--------------------------------------------|--|-------------------------------------------------------------------------------------|
| ATIS<br>126.6                                                                                                                 |                           | NIZHNEVARTOVSK Radar<br>120.4         |                       | NIZHNEVARTOVSK Tower<br>(TWR/GND)<br>118.1 |  |  |
| RNAV                                                                                                                          | Final<br>Apch Crs<br>207° | Minimum Alt<br>NN214<br>1820' (1643') | MDA(H)<br>570' (393') | Apt Elev 177'<br>RWY 177'                  |  |                                                                                     |
| MISSED APCH: Climb on track 207° to 840' (663'), then turn RIGHT to NN212 climbing to 1820' (1643'), then according to chart. |                           |                                       |                       |                                            |  |                                                                                     |

Alt Set: MM (hPa on req)

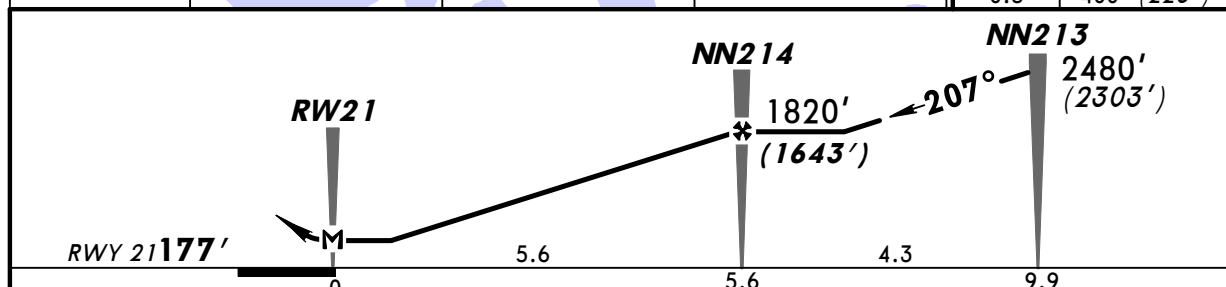
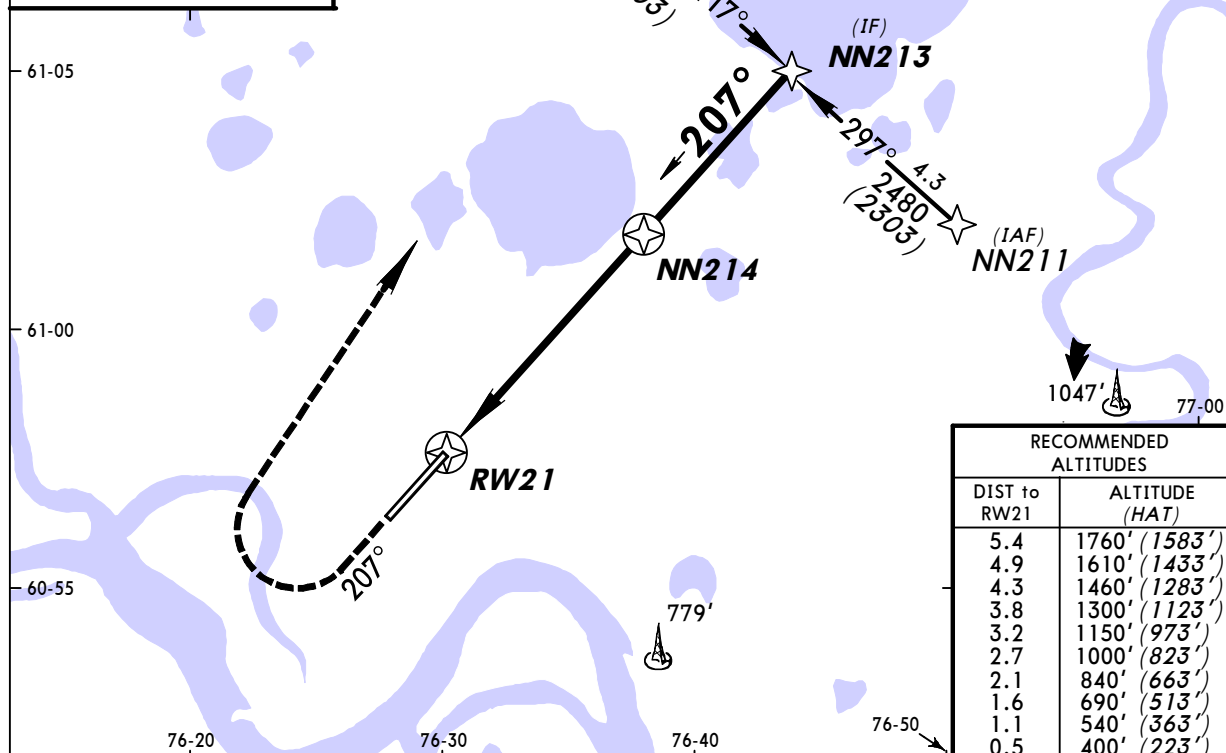
QNH on req (QFE)

Trans level: FL 40 ①

Trans alt: 2810' (2633')

| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 2810'                 | (2633' - 800m) |
| 2480'                 | (2303' - 700m) |
| 1820'                 | (1643' - 500m) |
| 840'                  | (663' - 200m)  |

① FL 50, if pressure is less than 755 mm (1006.6 hPa).  
FL 60, if pressure is less than 728 mm (970.6 hPa).



|               |       |     |     |     |     |     |       |                     |       |               |
|---------------|-------|-----|-----|-----|-----|-----|-------|---------------------|-------|---------------|
| Gnd speed-Kts | 70    | 90  | 100 | 120 | 140 | 160 | HIALS | 840' (663') on 207° | NN212 | 1820' (1643') |
| Descent Angle | 2.67° | 331 | 425 | 472 | 567 | 661 | 756   | PAPI                | RT    |               |
| MAP at RW21   |       |     |     |     |     |     |       |                     |       |               |

STRAIGHT-IN LANDING RWY 21

CEILING REQUIRED

CIRCLE-TO-LAND

WARNING: Prohibited Southeast of apt below 1820' (1643')

| MDA(H) 570' (393') |                        | ALS out                | Max Kts | MDA(H)      | CEIL-VIS     |
|--------------------|------------------------|------------------------|---------|-------------|--------------|
| A                  |                        |                        | 100     | 710' (533') | 500m - 3000m |
| B                  | RVR 720m<br>VIS 800m   | RVR 1500m<br>VIS 1600m | 135     | 850' (673') | 500m - 3000m |
| C                  |                        |                        | 180     | 950' (773') | 500m - 3000m |
| D                  | RVR 1500m<br>VIS 1600m | RVR 1800m<br>VIS 2000m | 205     | 950' (773') | 500m - 4000m |

PANS OPS

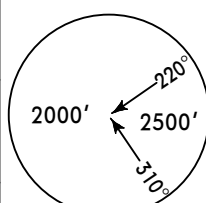
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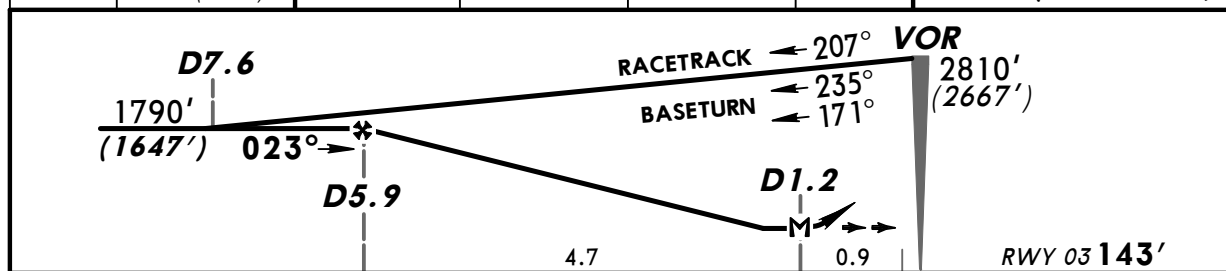
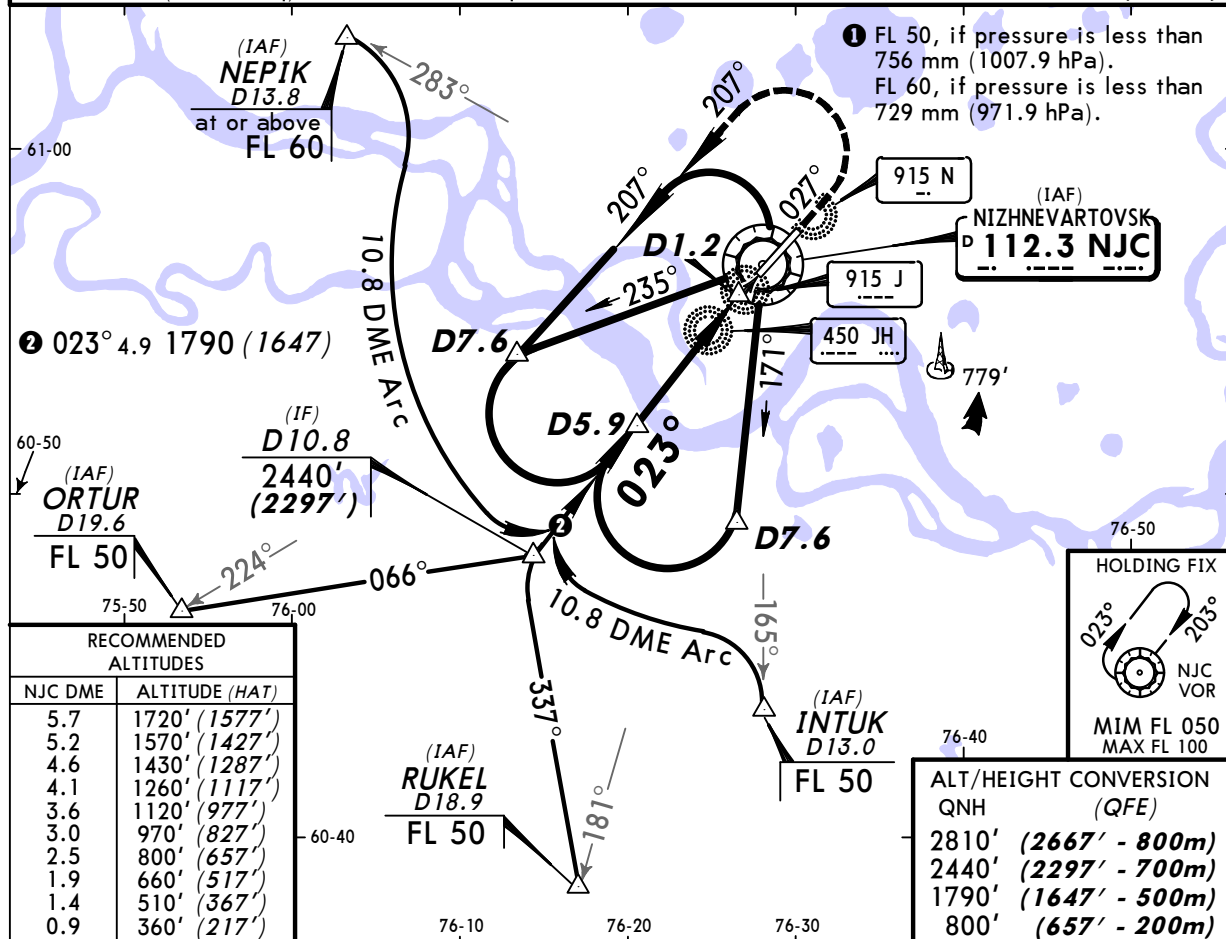
30 DEC 11

(13-1)

NIZHNEVARTOVSK, RUSSIA  
VOR DME Rwy 03

BRIEFING STRIP

|                                                                                                                       |                            |                                     |                      |                                            |  |                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------|----------------------|--------------------------------------------|--|-------------------------------------------------------------------------------------------------------|
| ATIS<br>126.6                                                                                                         |                            | NIZHNEVARTOVSK Radar<br>120.4       |                      | NIZHNEVARTOVSK Tower<br>(TWR/GND)<br>118.1 |  | <br>MSA<br>NJC VOR |
| VOR<br>NJC<br>112.3                                                                                                   | Final<br>Aptch Crs<br>023° | Minimum Alt<br>D5.9<br>1790'(1647') | MDA(H)<br>490'(347') | Apt Elev 177'<br>RWY 143'                  |  |                                                                                                       |
| MISSED APCH: Climb on 027° to 800'(657'), then turn LEFT onto 207° climbing to 1790'(1647'), then according to chart. |                            |                                     |                      |                                            |  |                                                                                                       |
| Alt Set: MM (hPa on req)                                                                                              |                            | QNH on req (QFE)                    |                      | Trans level: FL 40 ①                       |  | Trans alt: 2810'(2667')                                                                               |



|               |       |     |     |     |     |     |       |                     |      |               |
|---------------|-------|-----|-----|-----|-----|-----|-------|---------------------|------|---------------|
| Gnd speed-Kts | 70    | 90  | 100 | 120 | 140 | 160 | HIALS | 800' (657') on 027° | 207° | 1790' (1647') |
| Descent Angle | 2.67° | 331 | 425 | 472 | 567 | 661 | 756   | PAP                 | RT   | LT            |
| MAP at D1.2   |       |     |     |     |     |     |       |                     |      |               |

| STRAIGHT-IN LANDING RWY 03 |                        |         |  | CEILING REQUIRED                                         |             | CIRCLE-TO-LAND |  |
|----------------------------|------------------------|---------|--|----------------------------------------------------------|-------------|----------------|--|
| MDA(H) 490' (347')         |                        |         |  | WARNING: Prohibited Southeast of apt below 1820' (1643') |             |                |  |
|                            |                        | ALS out |  | Max Kts                                                  | MDA(H)      | CEIL-VIS       |  |
| A                          |                        |         |  | 100                                                      | 710' (533') | 500m - 3000m   |  |
| B                          | RVR 720m<br>VIS 800m   |         |  | 135                                                      | 850' (673') | 500m - 3000m   |  |
| C                          |                        |         |  | 180                                                      | 950' (773') | 500m - 3000m   |  |
| D                          | RVR 1500m<br>VIS 1600m |         |  | 205                                                      | 950' (773') | 500m - 4000m   |  |

PANS OPS

**USNN/NJC**  
**NIZHNEVARTOVSK**

30 DEC 11

13-2

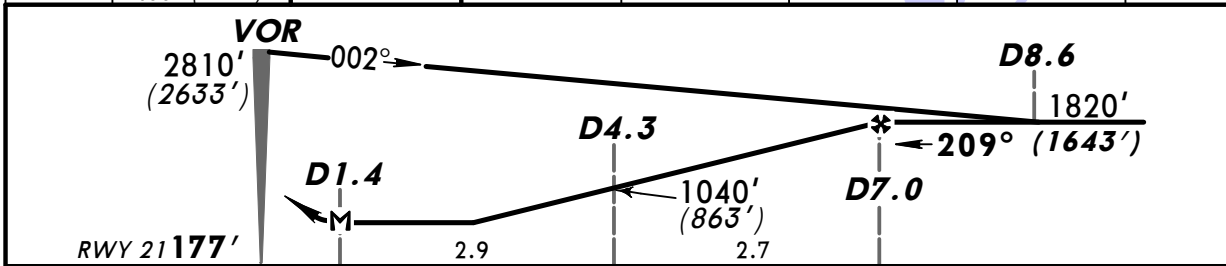
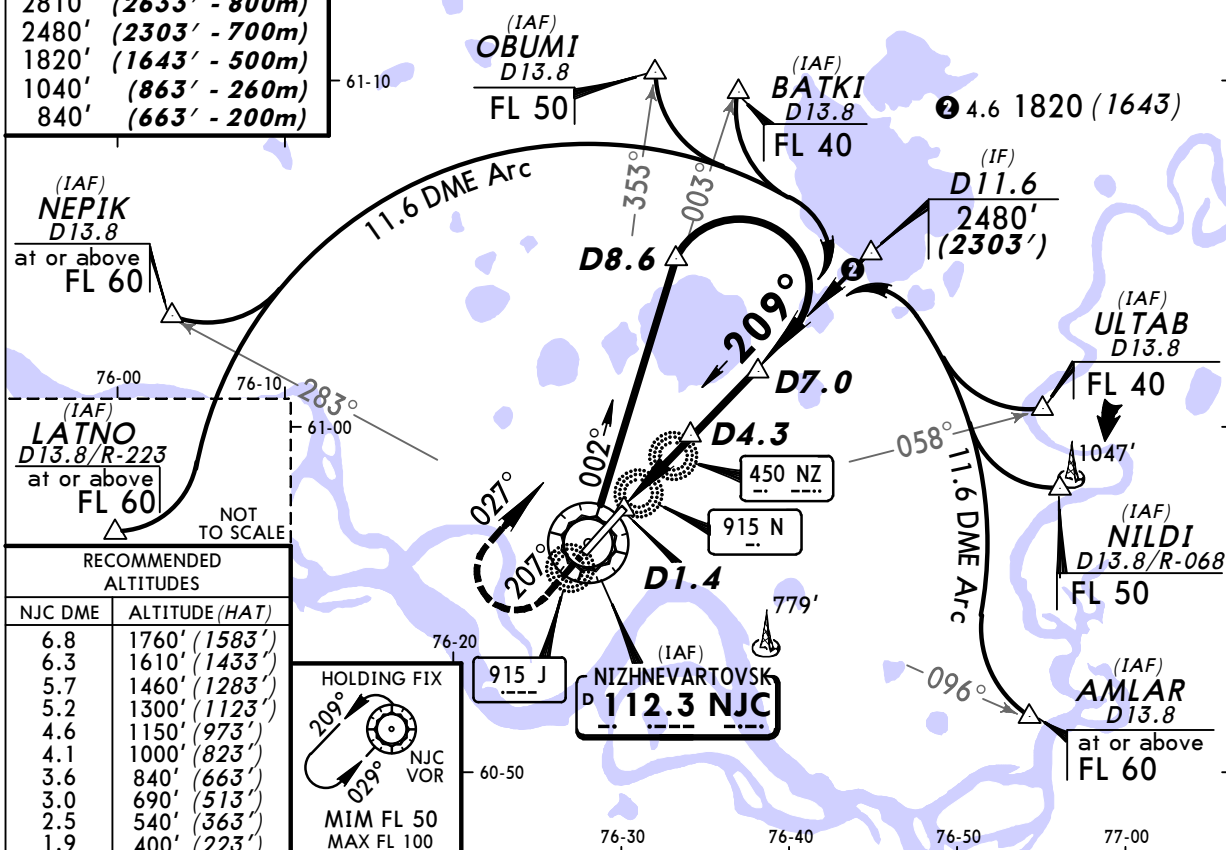
NIZHNEVARTOVSK, RUSSIA  
VOR DME Rwy 21

|                                                                                                                                        |                                  |                                             |                              |                                                   |  |                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------|------------------------------|---------------------------------------------------|--|-----------------------------------------------------|
| ATIS<br><b>126.6</b>                                                                                                                   |                                  | NIZHNEVARTOVSK Radar<br><b>120.4</b>        |                              | NIZHNEVARTOVSK Tower<br>(TWR/GND)<br><b>118.1</b> |  | <p>2000' 220° 2500' 310°</p> <p>MSA<br/>NJC VOR</p> |
| VOR<br>NJC<br><b>112.3</b>                                                                                                             | Final<br>Apch Crs<br><b>209°</b> | Minimum Alt<br><b>D7.0</b><br>1820' (1643') | MDA(H)<br><b>570' (393')</b> | Apt Elev 177'<br><b>RWY 177'</b>                  |  |                                                     |
| <p><b>MISSED APCH:</b> Climb on 207° to 840' (663'), then turn RIGHT onto 027° climbing to 1820' (1643'), then according to chart.</p> |                                  |                                             |                              |                                                   |  |                                                     |

Alt Set: MM (hPa on req)      QNH on req (**QFE**)      Trans level: FL 40 **1**      Trans alt: 2810'(**2633'**)

| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 2810'                 | (2633' - 800m) |
| 2480'                 | (2303' - 700m) |
| 1820'                 | (1643' - 500m) |
| 1040'                 | (863' - 260m)  |
| 840'                  | (663' - 200m)  |

① FL 50, if pressure is less than 755 mm (1006.6 hPa).  
FL 60, if pressure is less than 728 mm (970.6 hPa).



|                            |     |     |     |     |     |     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|----------------------------|-----|-----|-----|-----|-----|-----|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <i>Gnd speed-Kts</i>       | 70  | 90  | 100 | 120 | 140 | 160 |  |  |  |  |
| <i>Descent Angle 2.67°</i> | 331 | 425 | 472 | 567 | 661 | 756 |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| <i>MAP at D1.4</i>         |     |     |     |     |     |     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |

| STRAIGHT-IN LANDING RWY 21                 |                                                        |                                                        | CEILING REQUIRED                                                    | CIRCLE-TO-LAND                                                              |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <div> <div>MDA(H) 570' (393')</div> </div> |                                                        |                                                        | <div>WARNING: Prohibited Southeast of apt below 1820' (1643')</div> |                                                                             |
|                                            |                                                        | ALS out                                                | Max Kts                                                             |                                                                             |
| A                                          |                                                        |                                                        | 100                                                                 | <div> <div>MDA(H) 710' (533')</div> <div>CEIL-VIS 500m - 3000m</div> </div> |
| B                                          | <div> <div>RVR 720m</div> <div>VIS 800m</div> </div>   | <div> <div>RVR 1500m</div> <div>VIS 1600m</div> </div> | 135                                                                 | <div> <div>850' (673')</div> <div>500m - 3000m</div> </div>                 |
| C                                          |                                                        |                                                        | 180                                                                 | <div> <div>950' (773')</div> <div>500m - 3000m</div> </div>                 |
| D                                          | <div> <div>RVR 1500m</div> <div>VIS 1600m</div> </div> | <div> <div>RVR 1800m</div> <div>VIS 2000m</div> </div> | 205                                                                 | <div> <div>950' (773')</div> <div>500m - 4000m</div> </div>                 |



**USNN/NJC**  
**NIZHNEVARTOVSK**

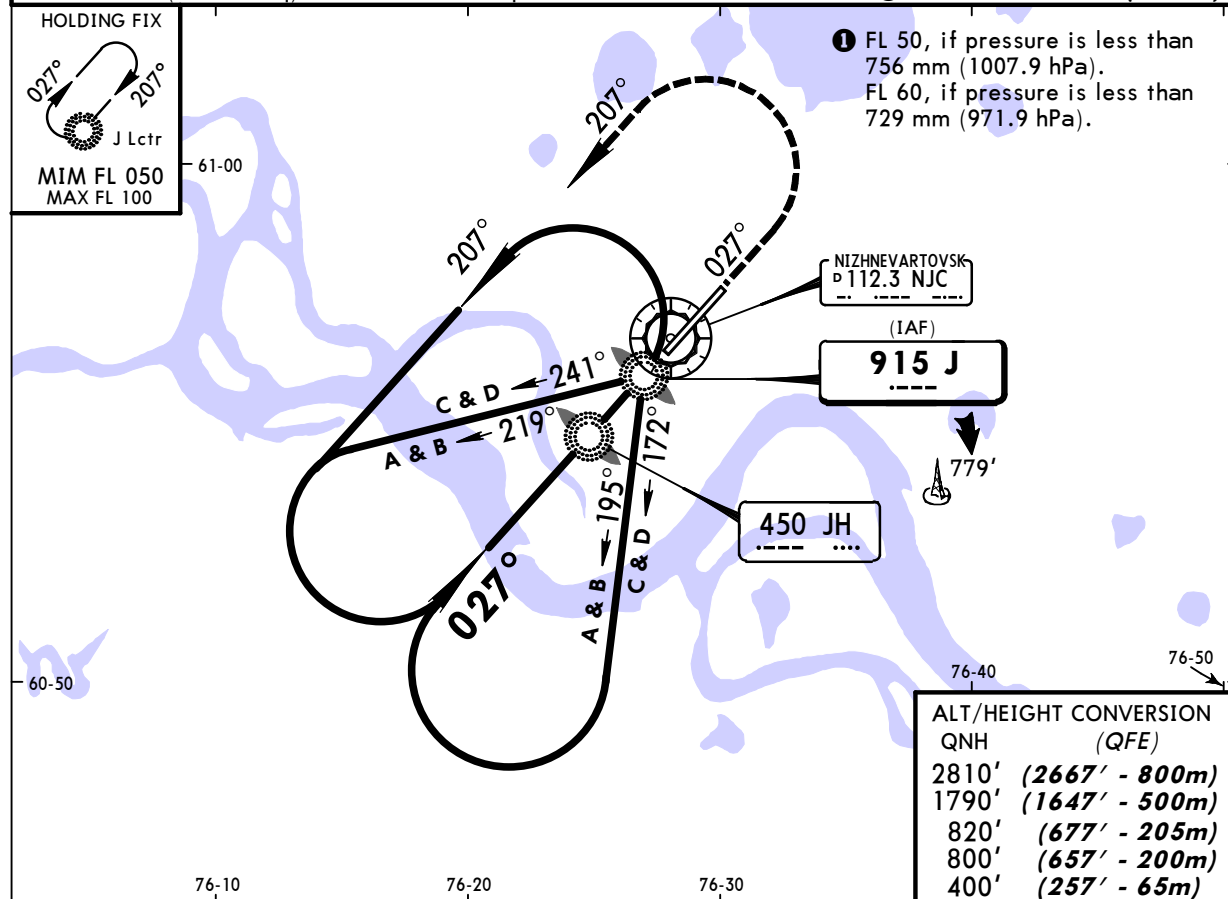
30 DEC 11

16-1

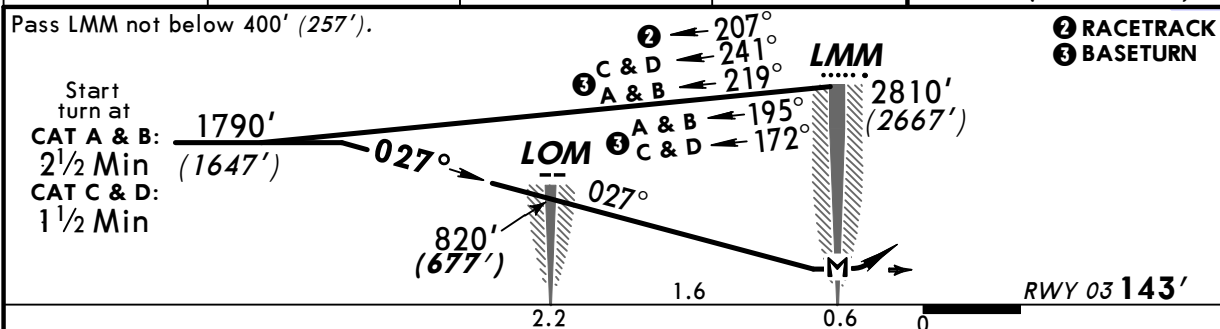
NIZHNEVARTOVSK, RUSSIA  
2 NDB Rwy 03

2 NDB Rwy 03

|                                                                                                                                                                   |                                  |                                                |                             |                                                            |  |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|-----------------------------|------------------------------------------------------------|--|-----------------------|
| ATIS<br><b>126.6</b>                                                                                                                                              |                                  | NIZHNEVARTOVSK Radar<br><b>120.4</b>           |                             | NIZHNEVARTOVSK Tower<br>(TWR/GND)<br><b>118.1</b>          |  | <p>MSA<br/>J Lctr</p> |
| Lctr<br>J<br><b>915</b>                                                                                                                                           | Final<br>Apch Crs<br><b>027°</b> | Minimum Alt<br><b>LOM</b><br><b>820'(677')</b> | MDA(H)<br><b>490'(347')</b> | Apt Elev <b>177'</b><br><b>RWY 143'</b>                    |  |                       |
| <b>MISSED APCH:</b> Climb on <b>027°</b> to <b>800'(657')</b> , then turn <b>LEFT</b> onto <b>207°</b> climbing to <b>1790'(1647')</b> , then according to chart. |                                  |                                                |                             |                                                            |  |                       |
| Alt Set: MM (hPa on req)                                                                                                                                          |                                  | QNH on req ( <b>QFE</b> )                      |                             | Trans level: FL 40 <b>①</b> Trans alt: <b>2810'(2667')</b> |  |                       |



Pass LMM not below 400' (257').



|                            |     |     |     |     |     |     |                                                                                       |                                                                                      |                                                                                       |                                                                                       |
|----------------------------|-----|-----|-----|-----|-----|-----|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <i>Gnd speed-Kts</i>       | 70  | 90  | 100 | 120 | 140 | 160 |  |  |  |  |
| <i>Descent Angle 2.67°</i> | 331 | 425 | 472 | 567 | 661 | 756 |                                                                                       |                                                                                      |                                                                                       |                                                                                       |
| <i>MAP at LMM</i>          |     |     |     |     |     |     |                                                                                       |                                                                                      |                                                                                       |                                                                                       |
|                            |     |     |     |     |     |     |                                                                                       |                                                                                      |                                                                                       |                                                                                       |

STRAIGHT-IN LANDING RWY 03

**CEILING REQUIRED**

CIRCLE-TO-LAND

**WARNING:** Prohibited Southeast  
of apt below 1820' (1643')

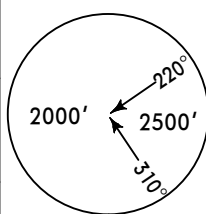
| MDA(H) 490 (347') |                        | ALS out                | Max Kts | MDA(H)      | CEIL-VIS     |
|-------------------|------------------------|------------------------|---------|-------------|--------------|
| A                 | 1200m                  | RVR 1500m<br>VIS 1600m | 100     | 710' (533') | 500m - 3000m |
| B                 |                        |                        | 135     | 850' (673') | 500m - 3000m |
| C                 |                        |                        | 180     | 950' (773') | 500m - 3000m |
| D                 | RVR 1500m<br>VIS 1600m | RVR 1800m<br>VIS 2000m | 205     | 950' (773') | 500m - 4000m |

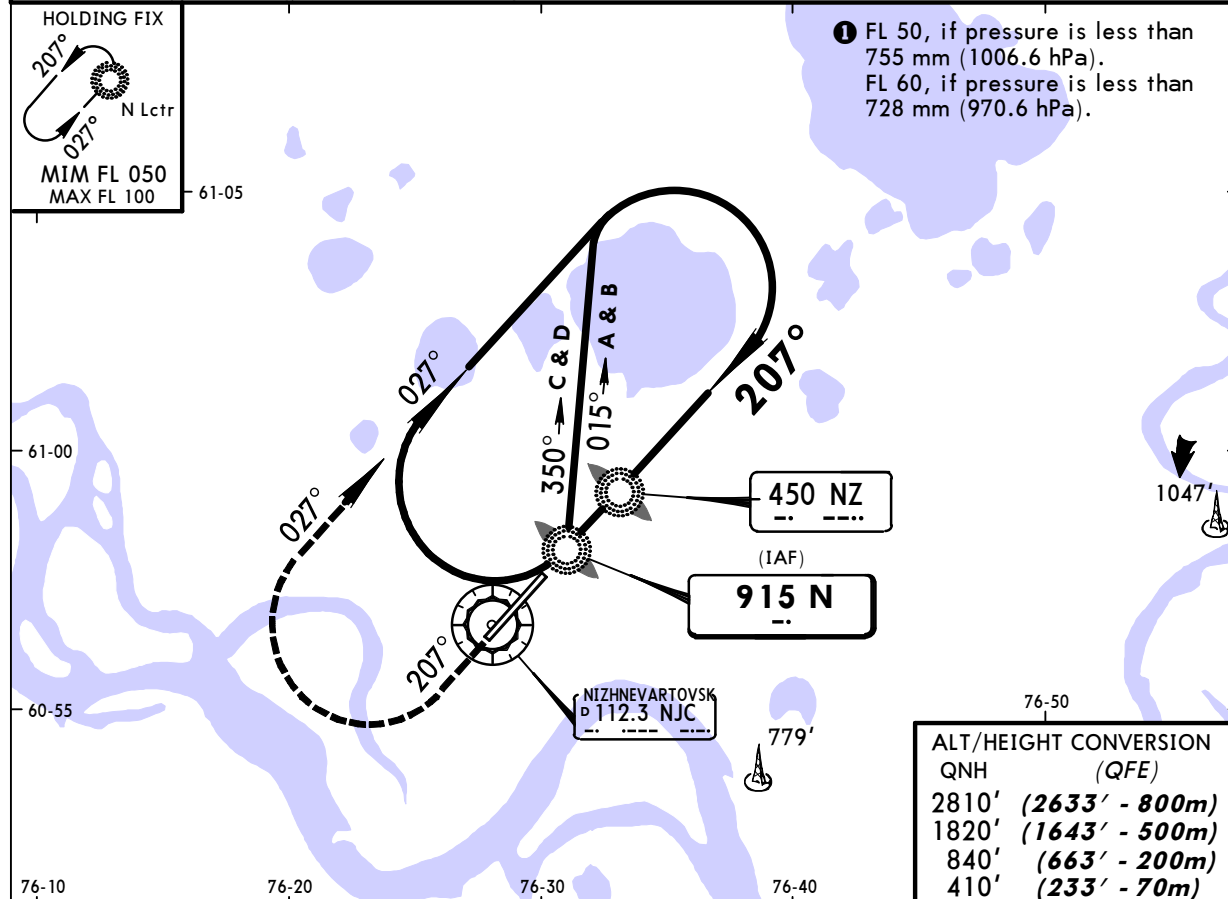
USNN/NJC  
NIZHNEVARTOVSK

30 DEC 11 (16-2)

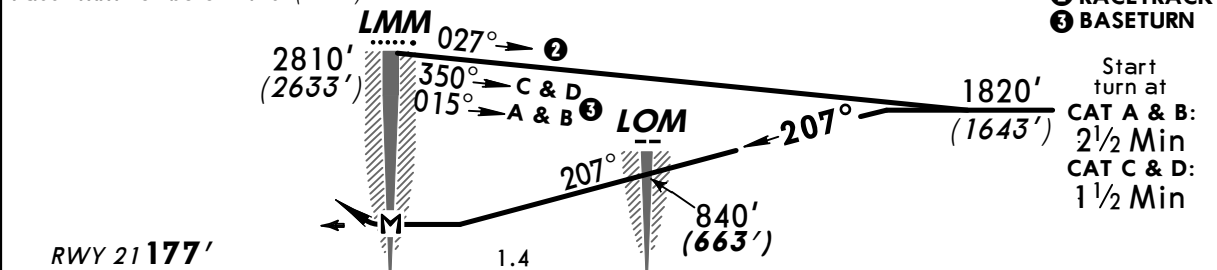
NIZHNEVARTOVSK, RUSSIA  
2 NDB Rwy 21

BRIEFING STRIP

|                                                                                                                                          |                                  |                                                  |                                   |                                                              |  |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------|-----------------------------------|--------------------------------------------------------------|--|-------------------------------------------------------------------------------------|
| ATIS<br><br>126.6                                                                                                                        |                                  | NIZHNEVARTOVSK Radar<br><br>120.4                |                                   | NIZHNEVARTOVSK Tower<br>(TWR/GND)<br><br>118.1               |  |  |
| Lctr<br>N<br><b>915</b>                                                                                                                  | Final<br>Apch Crs<br><b>207°</b> | Minimum Alt<br><b>LOM</b><br>840'( <b>663'</b> ) | MDA(H)<br><br>570'( <b>393'</b> ) | Apt Elev 177'<br><br>RWY <b>177'</b>                         |  |                                                                                     |
| MISSED APCH: Climb on 207° to 840'( <b>663'</b> ), then turn RIGHT onto 027° climbing to 1820'( <b>1643'</b> ), then according to chart. |                                  |                                                  |                                   |                                                              |  |                                                                                     |
| Alt Set: MM (hPa on req)                                                                                                                 |                                  | QNH on req ( <b>QFE</b> )                        |                                   | Trans level: FL 40 <b>1</b> Trans alt: 2810'( <b>2633'</b> ) |  |                                                                                     |



Pass LMM not below 410' (233').



|               |       |     |     |     |     |     |       |                     |         |               |
|---------------|-------|-----|-----|-----|-----|-----|-------|---------------------|---------|---------------|
| Gnd speed-Kts | 70    | 90  | 100 | 120 | 140 | 160 | HIALS | 840' (663') on 207° | 027° RT | 1820' (1643') |
| Descent Angle | 2.67° | 331 | 425 | 472 | 567 | 661 | PAPI  |                     |         |               |
| MAP at LMM    |       |     |     |     |     |     |       |                     |         |               |

| STRAIGHT-IN LANDING RWY 21 |                        |                        |  | CEILING REQUIRED                                         |             | CIRCLE-TO-LAND |  |
|----------------------------|------------------------|------------------------|--|----------------------------------------------------------|-------------|----------------|--|
| MDA(H) 570' (393')         |                        |                        |  | WARNING: Prohibited Southeast of apt below 1820' (1643') |             |                |  |
|                            |                        | ALS out                |  | Max Kts                                                  | MDA(H)      | CEIL-VIS       |  |
| A                          | 1200m                  | RVR 1500m<br>VIS 1600m |  | 100                                                      | 710' (533') | 500m - 3000m   |  |
| B                          |                        |                        |  | 135                                                      | 850' (673') | 500m - 3000m   |  |
| C                          |                        |                        |  | 180                                                      | 950' (773') | 500m - 3000m   |  |
| D                          | RVR 1500m<br>VIS 1600m | RVR 1800m<br>VIS 2000m |  | 205                                                      | 950' (773') | 500m - 4000m   |  |
|                            |                        |                        |  |                                                          |             |                |  |

PANS OPS