

## List of pages in this Trip Kit

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Revision Letter For Cycle 13-2016

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## General Information

Location: BELGOROD RUS  
ICAO/IATA: UUOB / EGO  
Lat/Long: N50° 38.63', E036° 35.40'  
Elevation: 735 ft

Airport Use: Public  
Daylight Savings: Not Observed  
UTC Conversion: -3:00 = UTC  
Magnetic Variation: 8.0° E

Fuel Types: Jet A-1  
Repair Types: Minor Airframe, Minor Engine  
Customs: Yes  
Airport Type: IFR  
Landing Fee: Yes  
Control Tower: Yes  
Jet Start Unit: Yes  
LLWS Alert: No  
Beacon: No

Sunrise: 0121 Z  
Sunset: 1749 Z

## Runway Information

Runway: 11  
Length x Width: 8202 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 735 ft  
Lighting: Edge, ALS

Runway: 29  
Length x Width: 8202 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 698 ft  
Lighting: Edge, ALS

## Communication Information

Belgorod Tower: 124.000 Secondary  
Belgorod Tower: 118.200  
Belgorod Approach: 124.000 Secondary  
Belgorod Approach: 133.000  
Belgorod Transit Operations: 122.700 Secondary  
Belgorod Transit Operations: 123.300

Apt Elev  
735'

Alt Set: MM (hPa on request)    QNH on request    **(QFE)**  
Trans level: FL50  
                FL60 if pressure is less than 740mm (986.6 hPa)  
                FL70 if pressure is less than 713mm (950.6 hPa)  
Trans alt: 3040' **(2305')**  
Crossings at airway exit points by ATC.

2800'

MSA  
ARP

ANIGI 2A [ANIG2A], NALEG 2A [NALE2A]

**ANIGI 2B [ANIG2B], NALEG 2B [NALE2B]**

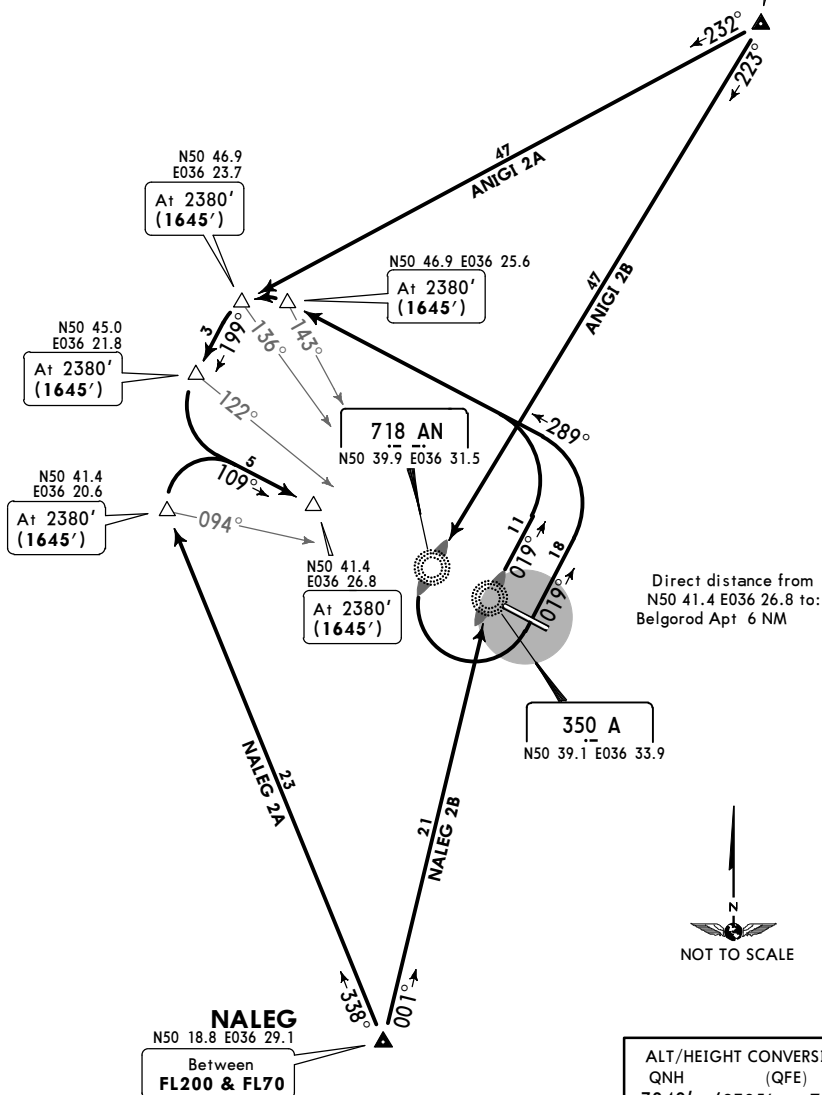
BY ATC

RWY 11

# ANIGI

N51 09.7 E037 28.4

Between  
**FL200 & FL50**



ALT/HEIGHT CONVERSION

| QNH   | (QFE)          |
|-------|----------------|
| 3040' | (2305' - 700m) |
| 2380' | (1645' - 500m) |

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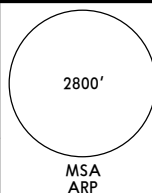
UUOB/EGO  
BELGOROD

 **JEPPesen**  
8 APR 16 **(10-2B)**

**BELGOROD, RUSSIA**  
**STAR**

Apt Elev  
**735'**

Alt Set: MM (hPa on request) QNH on request (QFE)  
Trans level: FL50  
FL60 if pressure is less than 740mm (986.6 hPa)  
FL70 if pressure is less than 713mm (950.6 hPa)  
Trans alt: 3040' (2341')  
Crossings at airway exit points by ATC.



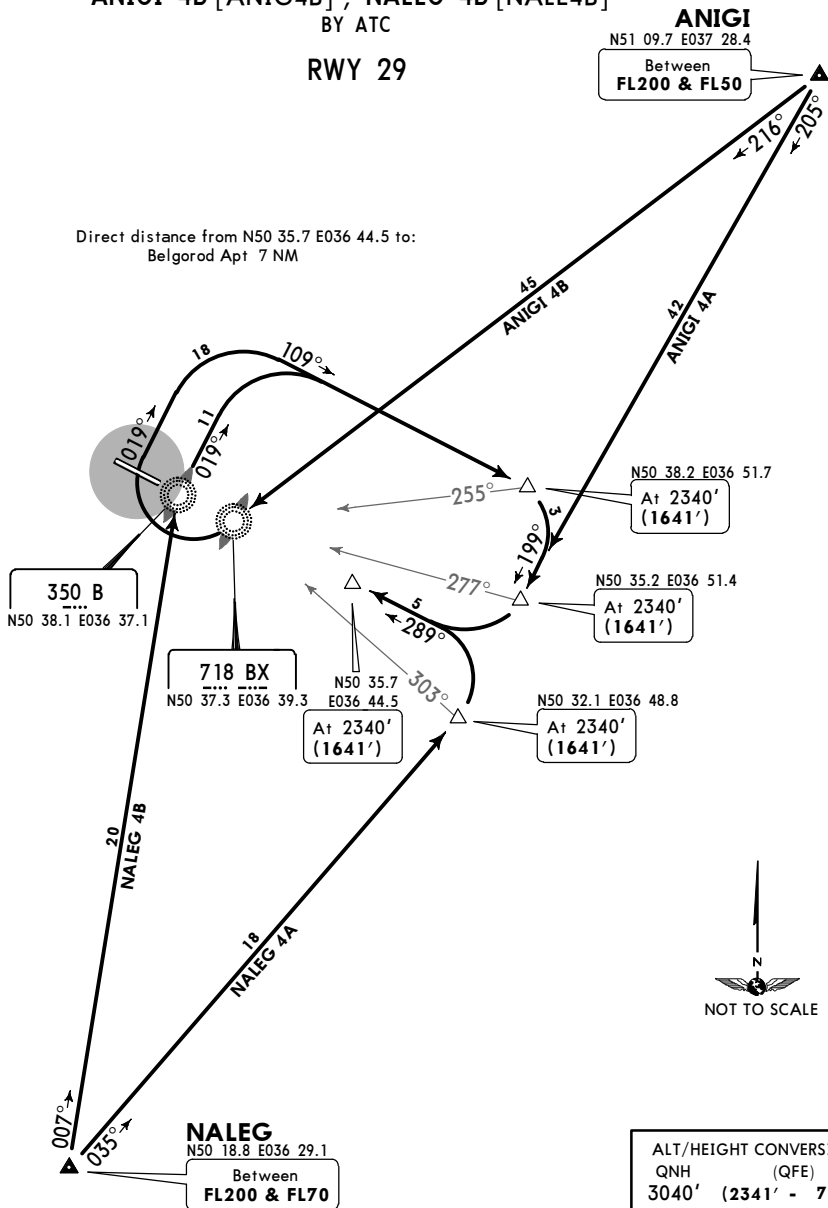
**ANIGI 4A [ANIG4A] , NALEG 4A [NALE4A]**

**ANIGI 4B [ANIG4B] , NALEG 4B [NALE4B]**

BY ATC

**RWY 29**

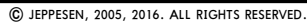
Direct distance from N50 35.7 E036 44.5 to:  
Belgorod Apt 7 NM



ALT/HEIGHT CONVERSION  
QNH (QFE)  
3040' (2341' - 700m)  
2340' (1641' - 500m)



QNH on request **(QFE)**  
Trans level: FL50  
FL60 if pressure is less than 740mm (986.6 hPa)  
FL70 if pressure is less than 713mm (950.6 hPa)  
Trans alt: 3040' **(2305')**  
Crossings at airway entry points by ATC.

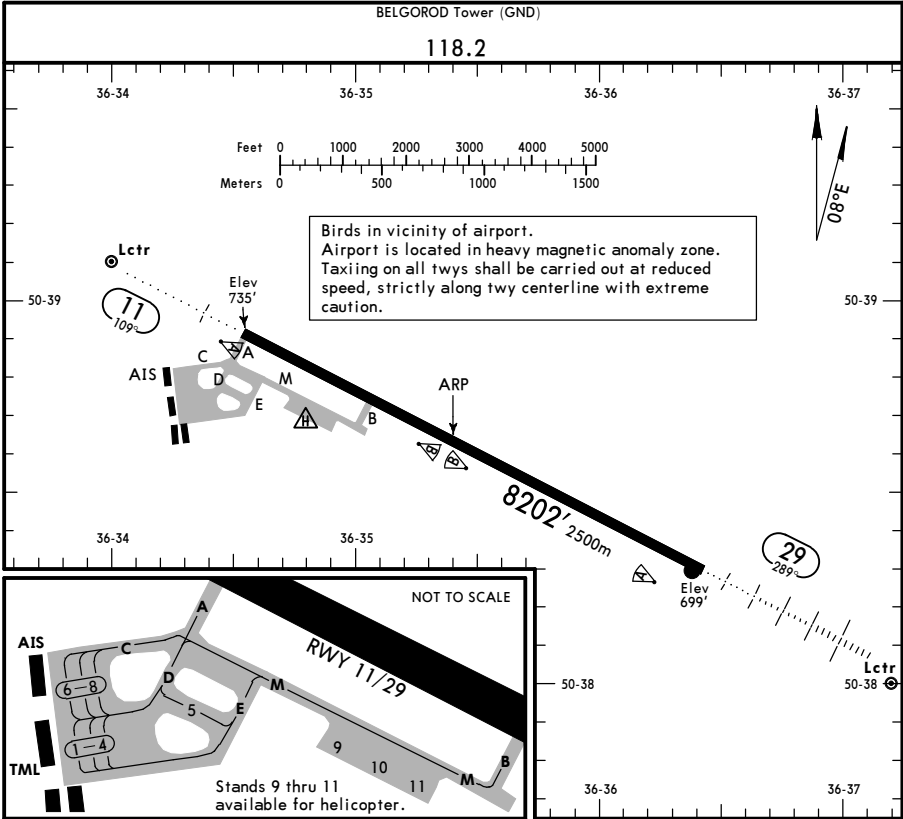


The initial turn is allowed to be carried out at an altitude less than 1360' (661'), according to Flight Manual for the given aircraft type notifying ATS unit.

UUOB/EGO  
Apt Elev **735'**  
N50 38.6 E036 35.4

**JEPPESSEN**  
8 APR 16 **(10-9)**

**BELGOROD, RUSSIA**  
**BELGOROD**



ADDITIONAL RUNWAY INFORMATION

| RWY |  |            |       |                | USABLE LENGTHS |             |       |
|-----|--|------------|-------|----------------|----------------|-------------|-------|
|     |  |            |       |                | LANDING BEYOND |             | WIDTH |
|     |  |            |       | RVR            | Threshold      | Glide Slope |       |
| 11  |  | HIRL (60m) | ALS   | PAPI-L (2.67°) | RVR            |             | 138'  |
| 29  |  | HIRL (60m) | HIALS | PAPI-L (2.75°) | RVR            | 6683' 2037m | 45m   |
|     |  |            |       |                |                |             |       |
|     |  |            |       |                |                |             |       |
|     |  |            |       |                |                |             |       |
|     |  |            |       |                |                |             |       |

TAKE-OFF

AIR CARRIER (JAA)

All Rwys

LVP must be in force

RCLM (DAY only)  
or RL

RCLM (DAY only)  
or RL

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

UUOB/EGO


**JEPPESSEN**  
 25 JUL 14 **10-9S**
**Standard**  
**BELGOROD, RUSSIA**  
**BELGOROD**

| STRAIGHT-IN RWY |           | A                             | B                             | C                             | D                             |
|-----------------|-----------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 11              | 2 NDB ①②  | 1100' (365')<br><b>R1500m</b> | 1100' (365')<br><b>R1500m</b> | 1100' (365')<br><b>R1500m</b> | 1100' (365')<br><b>R1500m</b> |
|                 | ALS out   | R1500m                        | R1500m                        | R1700m                        | R1700m                        |
|                 | 2 NDB ①③  | 1100' (365')<br><b>R1500m</b> | 1100' (365')<br><b>R1500m</b> | 1100' (365')<br><b>R1500m</b> | 1100' (365')<br><b>R1500m</b> |
|                 | ALS out   | R1700m                        | R1700m                        | R1700m                        | R1700m                        |
|                 | AN NDB ①② | 1110' (375')<br><b>R1500m</b> | 1110' (375')<br><b>R1500m</b> | 1110' (375')<br><b>R1500m</b> | 1110' (375')<br><b>R1500m</b> |
|                 | ALS out   | R1500m                        | R1500m                        | R1700m                        | R1700m                        |
|                 | AN NDB ①③ | 1110' (375')<br><b>R1500m</b> | 1110' (375')<br><b>R1500m</b> | 1110' (375')<br><b>R1500m</b> | 1110' (375')<br><b>R1500m</b> |
|                 | ALS out   | R1700m                        | R1700m                        | R1700m                        | R1700m                        |
|                 | A Lctr ①② | 1100' (365')<br><b>R1500m</b> | 1100' (365')<br><b>R1500m</b> | 1100' (365')<br><b>R1500m</b> | 1100' (365')<br><b>R1500m</b> |
|                 | ALS out   | R1500m                        | R1500m                        | R1700m                        | R1700m                        |
| 29              | A Lctr ③  | 1140' (405')<br><b>R1900m</b> | 1140' (405')<br><b>R1900m</b> | 1140' (405')<br><b>C2100m</b> | 1140' (405')<br><b>C2100m</b> |
|                 | ALS out   | C2100m                        | C2100m                        | C2300m                        | C2300m                        |
|                 | ILS       | 899' (200')<br><b>R550m</b>   | 899' (200')<br><b>R550m</b>   | 899' (200')<br><b>R550m</b>   | 899' (200')<br><b>R550m</b>   |
|                 | FULL      | R750m                         | R750m                         | R750m                         | R750m                         |
|                 | Limited   | R1200m                        | R1200m                        | R1200m                        | R1200m                        |
|                 | ALS out   |                               |                               |                               |                               |
|                 | LOC       | NOT AUTH                      | NOT AUTH                      | NOT AUTH                      | NOT AUTH                      |
|                 | 2 NDB ①②  | 1050' (351')<br><b>R900m</b>  | 1050' (351')<br><b>R900m</b>  | 1050' (351')<br><b>R900m</b>  | 1050' (351')<br><b>R900m</b>  |
|                 | ALS out   | R1500m                        | R1500m                        | R1600m                        | R1600m                        |
|                 | 2 NDB ①③  | 1050' (351')<br><b>R1000m</b> | 1050' (351')<br><b>R1000m</b> | 1050' (351')<br><b>R1200m</b> | 1050' (351')<br><b>R1200m</b> |
|                 | ALS out   | R1600m                        | R1600m                        | R1600m                        | R1600m                        |
|                 | BX NDB ①② | 1130' (431')<br><b>R1300m</b> | 1130' (431')<br><b>R1300m</b> | 1130' (431')<br><b>R1300m</b> | 1130' (431')<br><b>R1300m</b> |
|                 | ALS out   | R1500m                        | R1500m                        | R2000m                        | R2000m                        |
|                 | BX NDB ①③ | 1130' (431')<br><b>R1300m</b> | 1130' (431')<br><b>R1300m</b> | 1130' (431')<br><b>R1300m</b> | 1130' (431')<br><b>R1300m</b> |
|                 | ALS out   | R2000m                        | R2000m                        | R2000m                        | R2000m                        |
|                 | B Lctr ①② | 1090' (391')<br><b>R1100m</b> | 1090' (391')<br><b>R1100m</b> | 1090' (391')<br><b>R1100m</b> | 1090' (391')<br><b>R1100m</b> |
|                 | ALS out   | R1500m                        | R1500m                        | R1800m                        | R1800m                        |
|                 | B Lctr ③  | 1130' (431')<br><b>R1500m</b> | 1130' (431')<br><b>R1500m</b> | 1130' (431')<br><b>R1700m</b> | 1130' (431')<br><b>R1700m</b> |
|                 | ALS out   | C2200m                        | C2200m                        | C2400m                        | C2400m                        |

① Continuous Descent Final Approach.

② with FAF.

③ w/o FAF.

UUOB/EGO

 **JEPPESSEN**

25 JUL 14

**(10-9S)**

**Standard**

**BELGOROD, RUSSIA**

**BELGOROD**

| CIRCLE-TO-LAND | A                                                  | B                                                  | C                                                   | D                                                   |
|----------------|----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| to rwy 11      | <b>1720'</b> (985')<br>ceiling 500m- <b>V5000m</b> | <b>1720'</b> (985')<br>ceiling 500m- <b>V5000m</b> | <b>1720'</b> (985')<br>ceiling 500m- <b>V5000m</b>  | <b>1720'</b> (985')<br>ceiling 500m- <b>V5000m</b>  |
| to rwy 29 ❶    | <b>1690'</b> (991')<br>ceiling 500m- <b>V5000m</b> | <b>1690'</b> (991')<br>ceiling 500m- <b>V5000m</b> | <b>1720'</b> (1021')<br>ceiling 500m- <b>V5000m</b> | <b>1720'</b> (1021')<br>ceiling 500m- <b>V5000m</b> |

❶ Circling height based on rwy 29 thresh elev of 699'.

| TAKE-OFF RWY 11, 29      |      |                          |                   |
|--------------------------|------|--------------------------|-------------------|
| 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 |                          |                   |

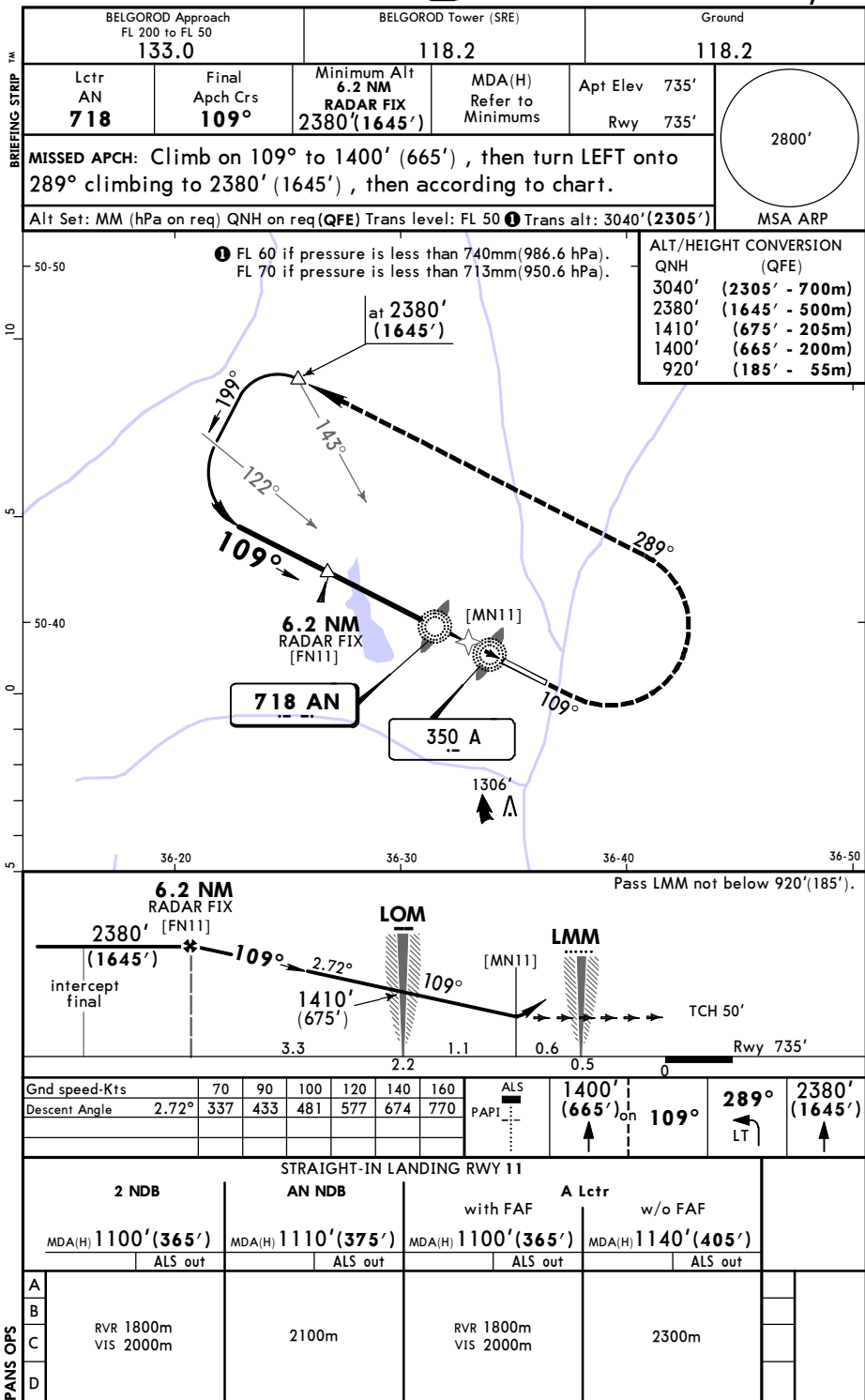
## BRIEFING STRIP™



UUOB/EGO  
BELGOROD

JEPPesen  
8 APR 16 **16-1**

BELGOROD, RUSSIA  
2 NDB or NDB Rwy 11

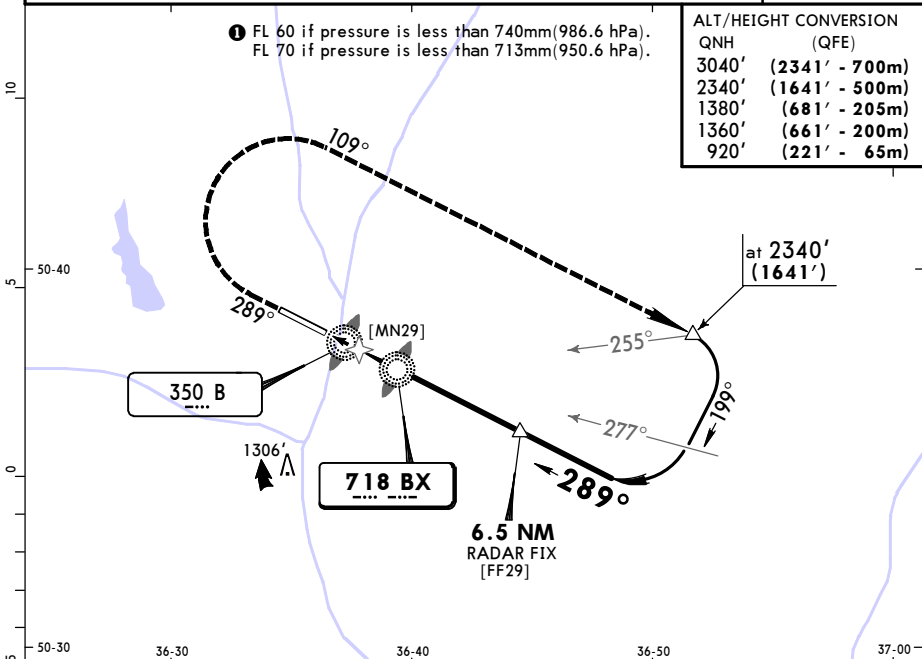


UUOB/EGO  
BELGOROD

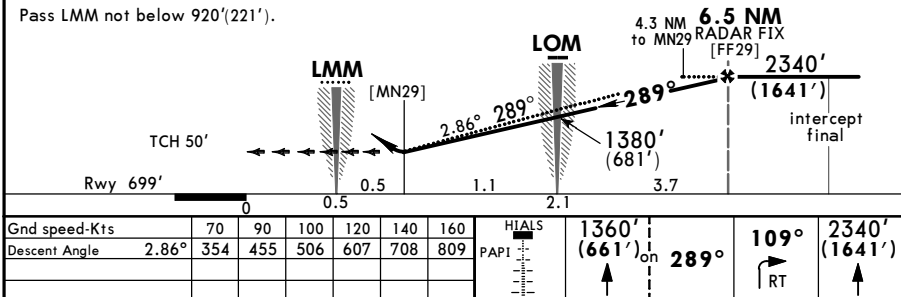
JEPPesen  
8 APR 16 (16-2)

BELGOROD, RUSSIA  
2 NDB or NDB Rwy 29

|                      |                                                                                                                                                                                                                            |                           |                                                   |                                |                           |                                         |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------|--------------------------------|---------------------------|-----------------------------------------|
| BRIEFING STRIP<br>TM | BELGOROD Approach<br>FL 200 to FL 50<br>133.0                                                                                                                                                                              |                           | BELGOROD Tower (SRE)<br>118.2                     |                                | Ground<br>118.2           |                                         |
|                      | Lctr<br>BX<br>718                                                                                                                                                                                                          | Final<br>Apch Crs<br>289° | Minimum Alt<br>6.5NM<br>RADAR FIX<br>2340'(1641') | MDA(H)<br>Refer to<br>Minimums | Apt Elev 735'<br>Rwy 699' | <div>2800'</div> <div>MSA<br/>ARP</div> |
|                      | MISSED APCH: Climb on 289° to 1360'(661'), then turn RIGHT onto 109° climbing to 2340'(1641'), then according to chart.                                                                                                    |                           |                                                   |                                |                           |                                         |
|                      | Alt Set: MM (hPa on req) QNH on req(QFE) Trans level: FL 50 ① Trans alt: 3040'(2341')<br>WARNING: Ground proximity warning system (GPWS) installed on acft may give faulty signal due to rough relief between LOM and LMM. |                           |                                                   |                                |                           |                                         |
|                      |                                                                                                                                                                                                                            |                           |                                                   |                                |                           |                                         |



Pass LMM not below 920'(221').



| STRAIGHT-IN LANDING RWY 29 |                        |                        |                        |                        |       |              |       |                        |       |       |
|----------------------------|------------------------|------------------------|------------------------|------------------------|-------|--------------|-------|------------------------|-------|-------|
| with FAF                   |                        | 2 NDB                  |                        | w/o FAF                |       | BX NDB       |       | B Lctr                 |       |       |
| MDA(H)                     |                        | MDA(H)                 |                        | MDA(H)                 |       | MDA(H)       |       | MDA(H)                 |       |       |
| 1030' (331')               |                        | 1050' (351')           |                        | 1130' (431')           |       | 1090' (391') |       | 1130' (431')           |       |       |
| ALS out                    |                        | ALS out                |                        | ALS out                |       | ALS out      |       | ALS out                |       |       |
| A                          | 1200m                  | RVR 1500m<br>VIS 1600m | 1200m                  | RVR 1500m<br>VIS 1600m | 1500m | 2300m        | 1300m | 2100m                  | 1500m | 2300m |
| B                          |                        |                        |                        |                        |       |              |       |                        |       |       |
| C                          |                        |                        |                        |                        |       |              |       |                        |       |       |
| D                          | RVR 1500m<br>VIS 1600m | RVR 1500m<br>VIS 1600m | RVR 1800m<br>VIS 2000m | RVR 1800m<br>VIS 2000m | 2400m | 1700m        |       | RVR 1800m<br>VIS 2000m | 2400m |       |

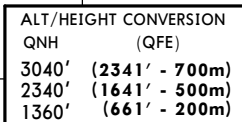
CHANGES: Transition level.

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**BRIEFING STRIP** TM

| Date           | Cases per 100,000 population |
|----------------|------------------------------|
| March 2020     | 0.0                          |
| April 2020     | 0.5                          |
| May 2020       | 8.5                          |
| June 2020      | 4.0                          |
| July 2020      | 2.0                          |
| August 2020    | 1.5                          |
| September 2020 | 1.0                          |
| October 2020   | 1.5                          |
| November 2020  | 4.5                          |
| December 2020  | 2.0                          |
| January 2021   | 1.5                          |
| February 2021  | 1.0                          |
| March 2021     | 1.5                          |



## PANS OPS

**1** Circling height based on rwy 29 thresh elev of 699'.



### Chart changes since cycle 12-2016

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

ACT PROCEDURE IDENT

## INDEX

REV DATE

EFF DATE

**BELGOROD, (BELGOROD - UUOB)**

## **TERMINAL CHART CHANGE NOTICES**

### **No Chart Change Notices for Airport UUOB**