

## List of pages in this Trip Kit

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Terminal Charts For UNAA

Revision Letter For Cycle 13-2016

Change Notices

Notebook

## General Information

Location: ABAKAN RUS  
ICAO/IATA: UNAA / ABA  
Lat/Long: N53° 44.40', E091° 23.12'  
Elevation: 830 ft

Airport Use: Public  
Daylight Savings: Not Observed  
UTC Conversion: -7:00 = UTC  
Magnetic Variation: 4.0° E

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

Sunrise: 2123 Z  
Sunset: 1428 Z

## Runway Information

Runway: 02R  
Length x Width: 10663 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 830 ft  
Lighting: Edge, ALS  
Displaced Threshold: 1640 ft

Runway: 20L  
Length x Width: 10663 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 823 ft  
Lighting: Edge, ALS  
Displaced Threshold: 820 ft

## Communication Information

ATIS: 126.200 Non-English  
Abakan Radar Tower: 134.300  
Abakan Start Tower: 129.000  
Abakan Start Tower: 122.000  
Abakan Ground Ramp/Taxi: 119.000  
Abakan-Transit Operations: 131.700  
Abakan-Transit Operations: 129.000

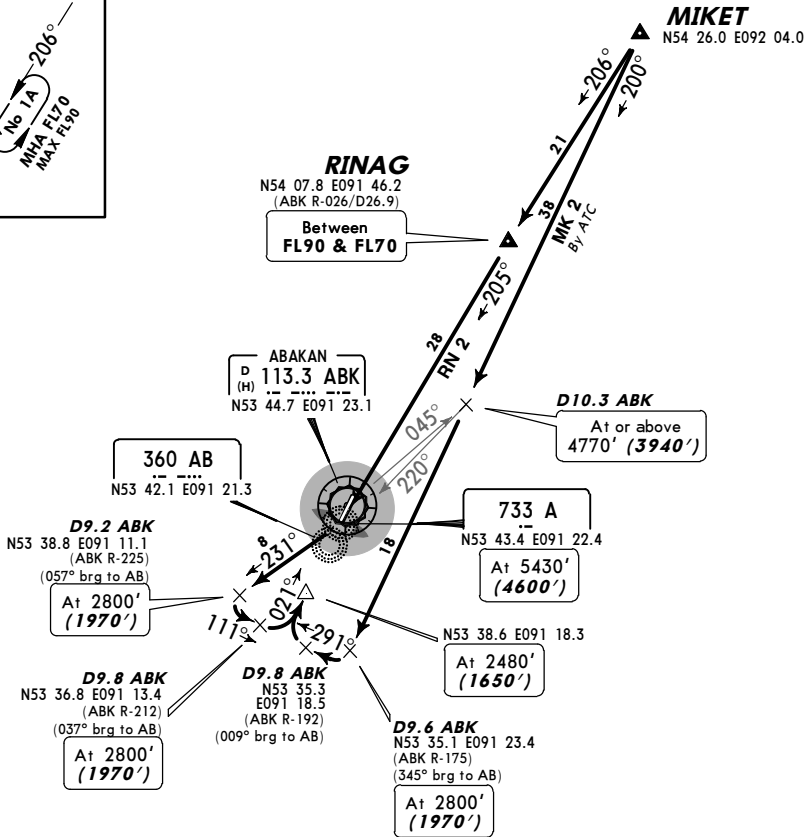
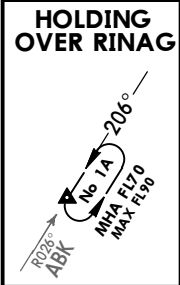
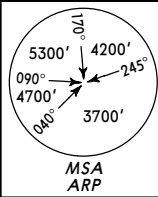
UNAA/ABA  
ABAKAN

JEPPesen  
20 JAN 12 (10-2)

ABAKAN, RUSSIA  
STAR

|               |                  |                                                                                                                                                       |
|---------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATIS<br>126.2 | Apt Elev<br>830' | Alt Set: MM (hPa on request) QNH on request (QFE)<br>Trans level: FL70<br>FL80 if pressure is less than 724mm (965.3 hPa)<br>Trans alt: 5430' (4600') |
|---------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

MK 2, RN 2  
RWY 02R ARRIVALS



| ALT/HEIGHT CONVERSION |
|-----------------------|
| QNH (QFE)             |
| 5430' (4600' - 1400m) |
| 4770' (3940' - 1200m) |
| 2800' (1970' - 600m)  |
| 2480' (1650' - 500m)  |

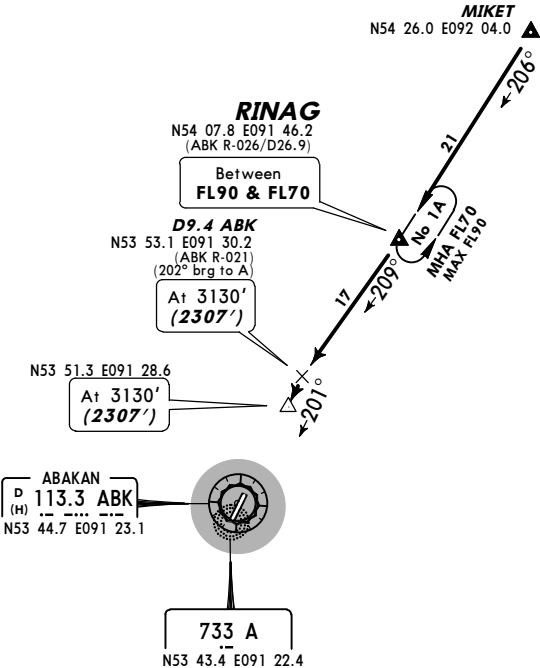
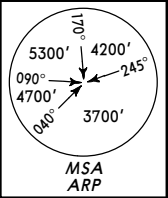
UNAA/ABA  
ABAKAN

JEPPesen  
20 JAN 12 (10-2A)

ABAKAN, RUSSIA  
STAR

|               |                  |                                                                                                                                                       |
|---------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATIS<br>126.2 | Apt Elev<br>830' | Alt Set: MM (hPa on request) QNH on request (QFE)<br>Trans level: FL70<br>FL80 if pressure is less than 724mm (965.3 hPa)<br>Trans alt: 5430' (4607') |
|---------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

RN 4  
RWY 20L ARRIVAL



|                       |
|-----------------------|
| ALT/HEIGHT CONVERSION |
| QNH (QFE)             |
| 5430' (4607' - 1400m) |
| 3130' (2307' - 700m)  |

Alt Set: MM (hPa on request) QNH on request **(QFE)**  
Trans level: FL70  
FL80 if pressure is less than 724mm (965.3 hPa)  
Trans alt: 5430' **(4600')**

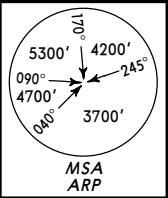
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UNAA/ABA  
ABAKAN

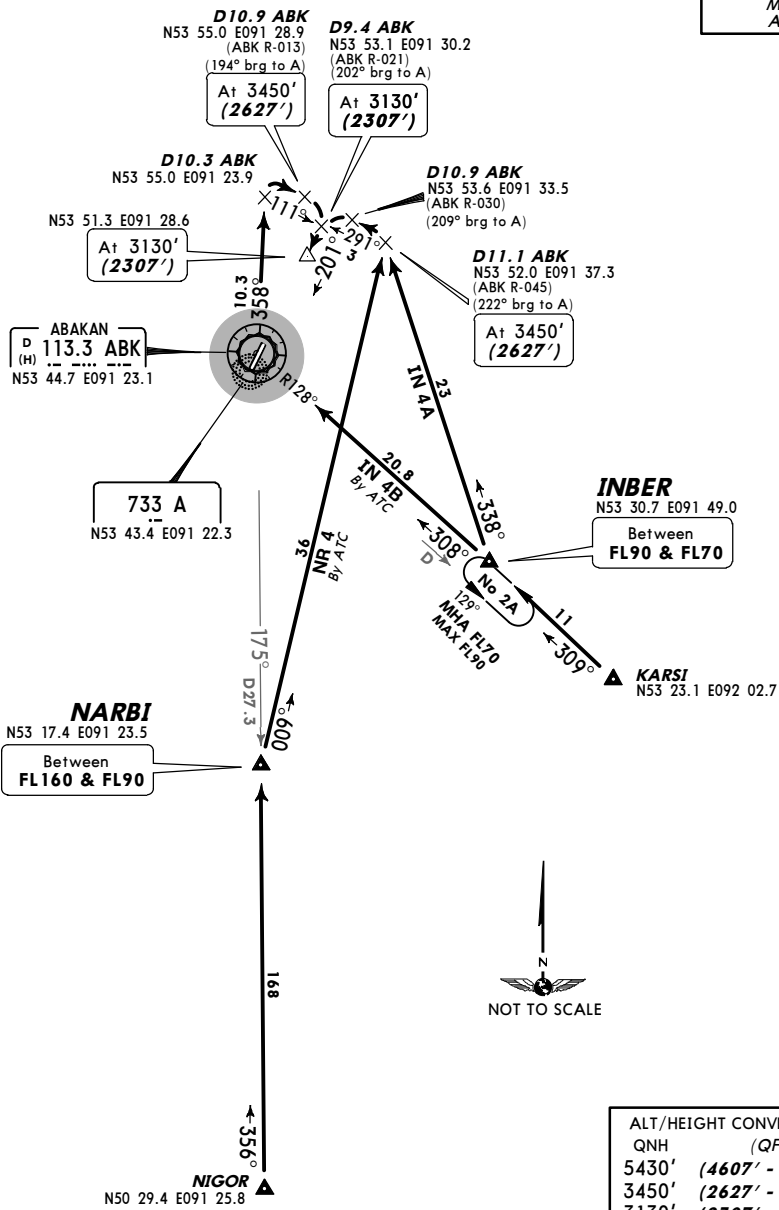
JEPPesen  
20 JAN 12 10-2C

ABAKAN, RUSSIA  
STAR

|               |                  |                                                                                                                                                       |
|---------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATIS<br>126.2 | Apt Elev<br>830' | Alt Set: MM (hPa on request) QNH on request (QFE)<br>Trans level: FL70<br>FL80 if pressure is less than 724mm (965.3 hPa)<br>Trans alt: 5430' (4607') |
|---------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|



IN 4A, IN 4B, NR 4  
RWY 20L ARRIVALS



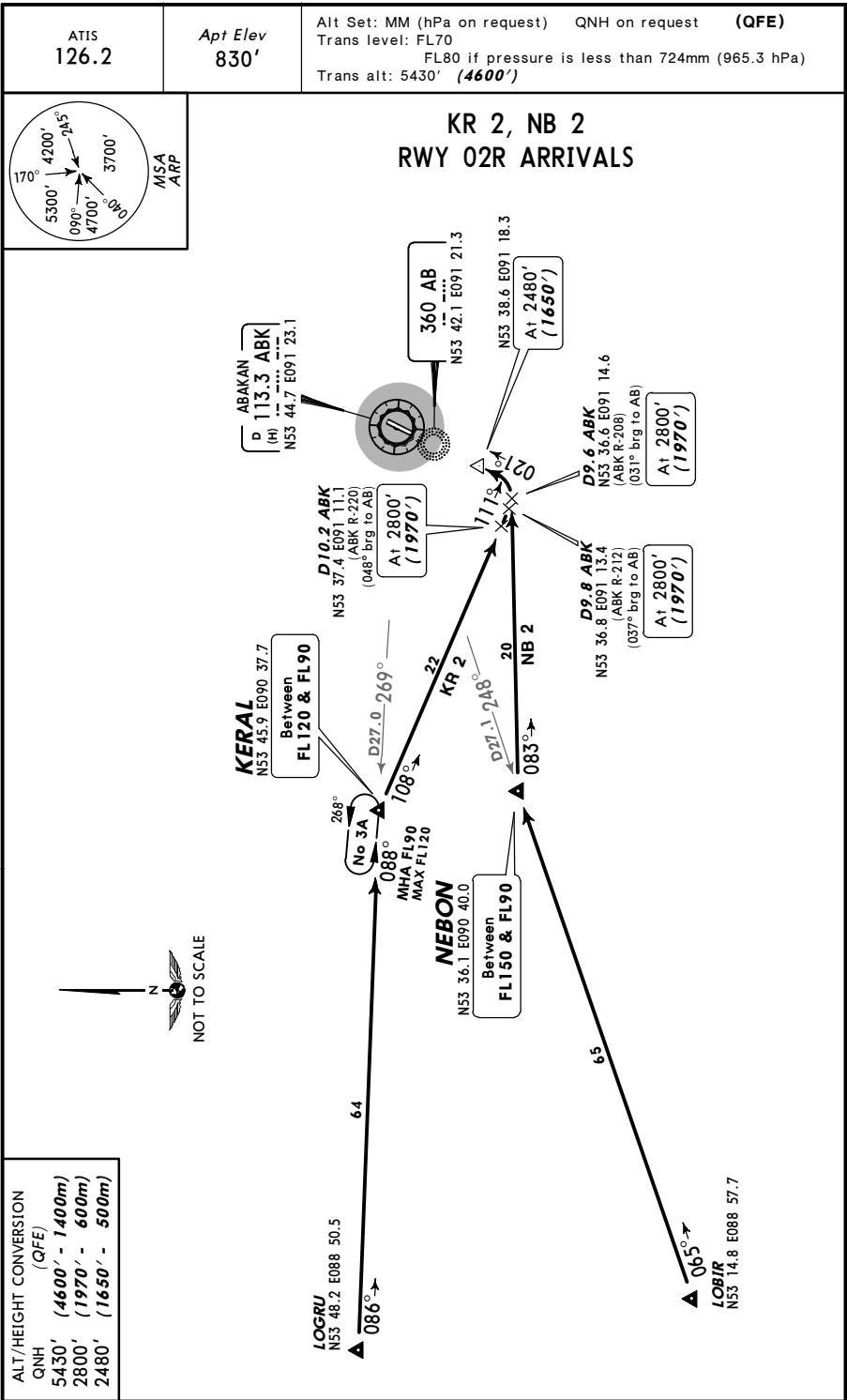
NOT TO SCALE

| ALT/HEIGHT CONVERSION |                 |
|-----------------------|-----------------|
| QNH                   | (QFE)           |
| 5430'                 | (4607' - 1400m) |
| 3450'                 | (2627' - 800m)  |
| 3130'                 | (2307' - 700m)  |

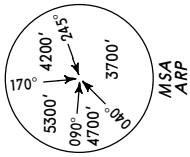
UNAA/ABA  
ABAKAN

JEYPESEN  
20 JAN 12 (10-2D)

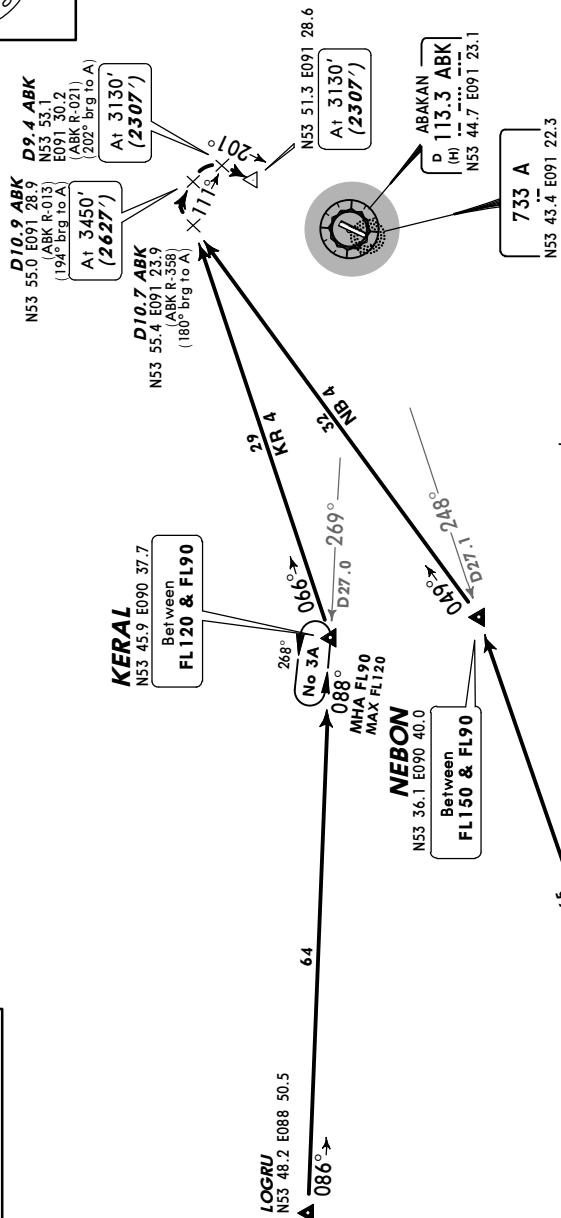
ABAKAN, RUSSIA  
STAR



Alt Set: MM (hPa on request) QNH on request **(QFE)**  
Trans level: FL70  
FL80 if pressure is less than 724mm (965.3 hPa)  
Trans alt: 5430' **(4607')**



KR 4, NB 4  
RWY 20L ARRIVALS



ALT/HEIGHT CONVERSION  
(QFE)

|       |                 |
|-------|-----------------|
| QNH   |                 |
| 5430' | (4607' - 1400m) |
| 3450' | (2627' - 800m)  |
| 3130' | (2307' - 700m)  |

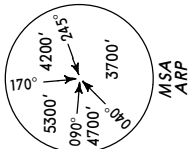
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ATIS  
126.2

*Apt Elev*  
830'

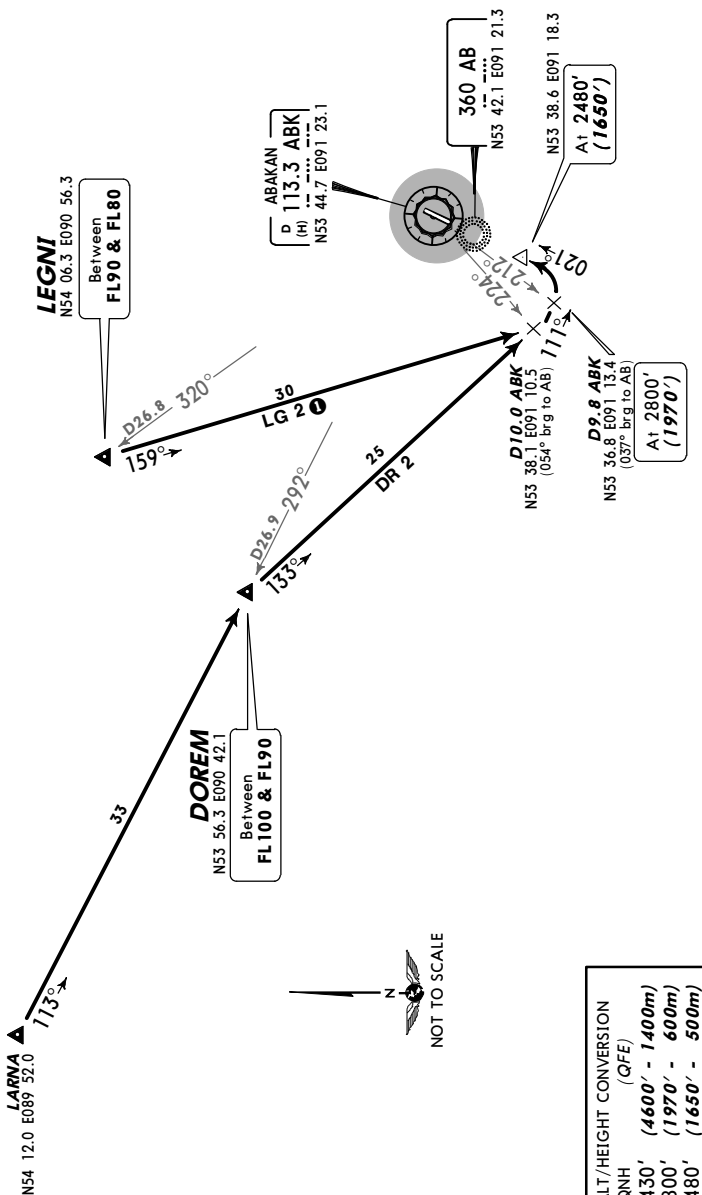
Alt Set: MM (hPa on request) QNH on request **(QFE)**  
Trans level: FL70  
FL80 if pressure is less than 724mm (965.3 hPa)  
Trans alt: 5430' **(4600')**

**STAR**



DR 2, LG 2  
RWY 02R ARRIVALS

**1** Only for Russian users of airspace.



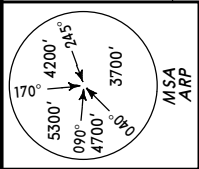
| ALT/HEIGHT CONVERSION | (QFE)           |
|-----------------------|-----------------|
| QNH                   |                 |
| 5430'                 | (4600' - 1400m) |
| 2800'                 | (1970' - 600m)  |
| 2480'                 | (1650' - 500m)  |

UNAA/ABA  
ABAKAN

JEPPesen  
20 JAN 12 (10-2G)

ABAKAN, RUSSIA  
STAR

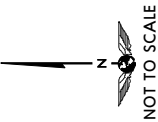
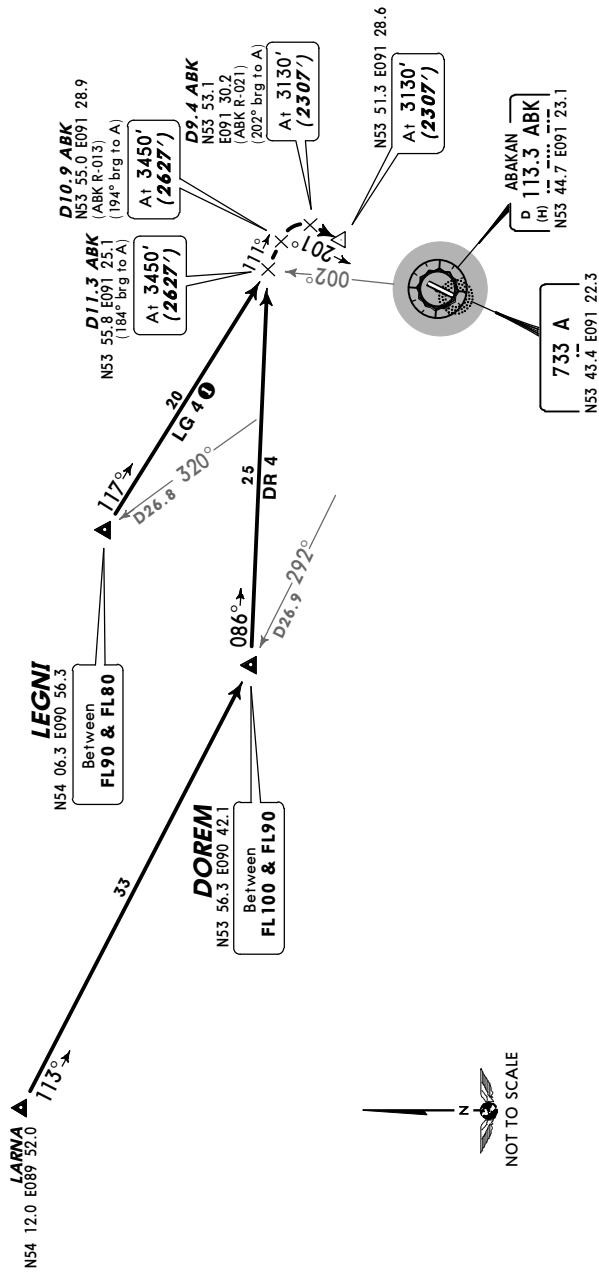
|               |                  |                                                                                                                                                       |
|---------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATIS<br>126.2 | Apt Elev<br>830' | Alt Set: MM (hPa on request) QNH on request (QFE)<br>Trans level: FL70<br>FL80 if pressure is less than 724mm (965.3 hPa)<br>Trans alt: 5430' (4607') |
|---------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|



DR 4, LG 4  
RWY 20L ARRIVALS

① Only for Russian users of airspace.

|                                    |
|------------------------------------|
| ALT/HEIGHT CONVERSION<br>QNH (QFE) |
| 5430' (4607' - 1400m)              |
| 3450' (2627' - 800m)               |
| 3130' (2307' - 700m)               |



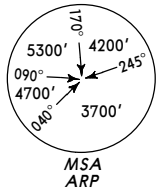
UNAA/ABA  
ABAKAN

JEPPesen  
20 JAN 12 10-3

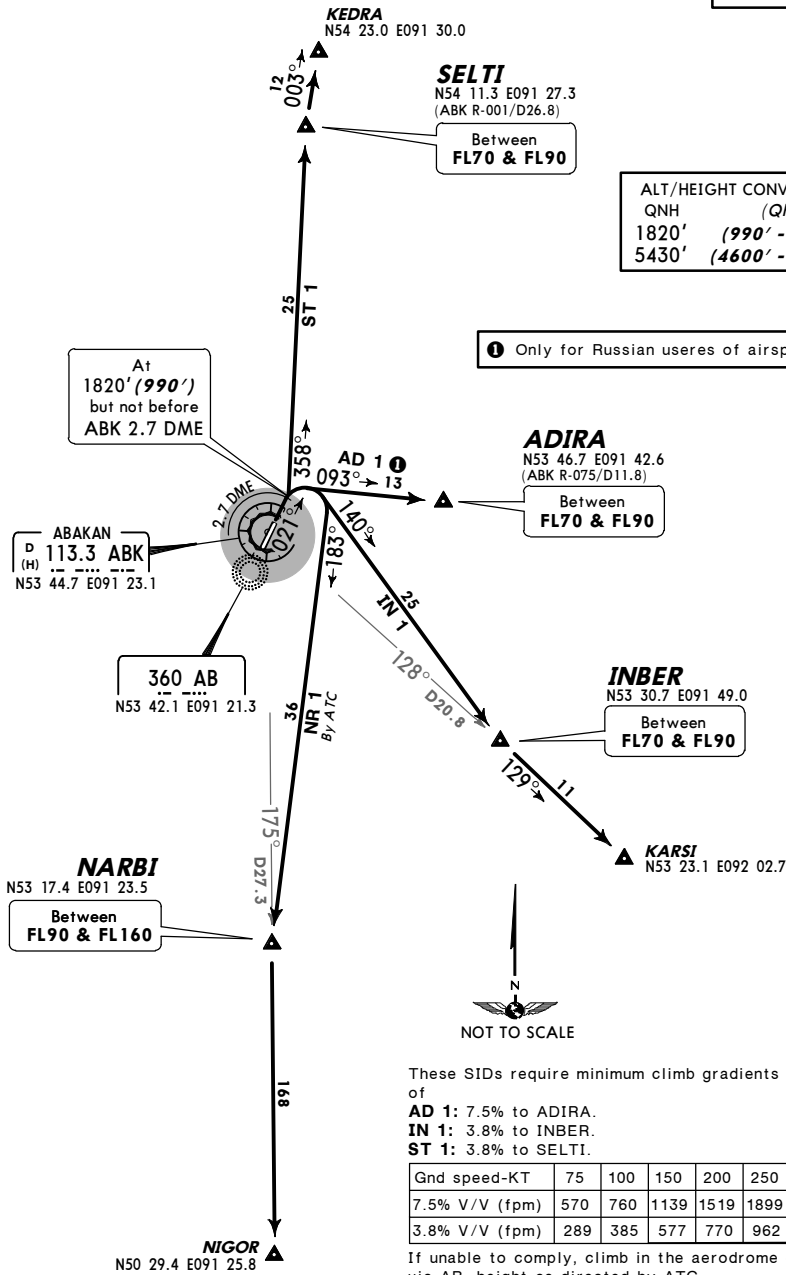
ABAKAN, RUSSIA  
SID

Apt Elev  
830'

QNH on request (QFE)  
Trans level: FL70  
FL80 if pressure is less than 724mm (965.3 hPa)  
Trans alt: 5430' (4600')



AD 1, IN 1, NR 1, ST 1  
RWY 02R DEPARTURES



ALT/HEIGHT CONVERSION

|       |                 |
|-------|-----------------|
| QNH   | (QFE)           |
| 1820' | (990' - 300m)   |
| 5430' | (4600' - 1400m) |

Only for Russian users of airspace.

These SIDs require minimum climb gradients of

- AD 1: 7.5% to ADIRA.
- IN 1: 3.8% to INBER.
- ST 1: 3.8% to SELTI.

| Gnd speed-KT   | 75  | 100 | 150  | 200  | 250  | 300  |
|----------------|-----|-----|------|------|------|------|
| 7.5% V/V (fpm) | 570 | 760 | 1139 | 1519 | 1899 | 2279 |
| 3.8% V/V (fpm) | 289 | 385 | 577  | 770  | 962  | 1155 |

If unable to comply, climb in the aerodrome circle via AB, height as directed by ATC.

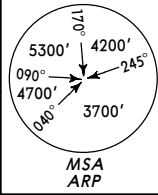
UNAA/ABA  
ABAKAN

JEPPesen  
20 JAN 12 (10-3A)

ABAKAN, RUSSIA  
SID

Apt Elev  
830'

QNH on request (QFE)  
Trans level: FL70  
FL80 if pressure is less than 724mm (965.3 hPa)  
Trans alt: 5430' (4607')



AD 3, IN 3, NR 3, ST 3  
RWY 20L DEPARTURES



KEDRA  
N54 23.0 E091 30.0

SEITI  
N54 11.3 E091 27.3  
(ABK R-001/D26.8)

Between  
FL70 & FL90

ALT/HEIGHT CONVERSION  
QNH (QFE)  
1810' (987' - 300m)  
5430' (4607' - 1400m)

ABAKAN  
D (H)  
113.3 ABK  
N53 44.7 E091 23.1

ADIRA  
N53 46.7 E091 42.6

Between  
FL70 & FL90

At 1810'  
(987')

170°  
175°  
175° D27.3  
NR 3  
BY ATC

075° D11.8  
19  
AD 3

INBER  
N53 30.7 E091 49.0

Between  
FL70 & FL90

NARBI

N53 17.4 E091 23.5

Between  
FL90 & FL160

KARSI  
N53 23.1 E092 02.7

① Only for Russian users of airspace.

These SIDs require minimum climb gradients of

AD 3: 4.6% to ADIRA.

IN 3: 4.2% to INBER.

NR 3: 5.2% to NARBI.

| Gnd speed-KT   | 75  | 100 | 150 | 200  | 250  | 300  |
|----------------|-----|-----|-----|------|------|------|
| 5.2% V/V (fpm) | 395 | 527 | 790 | 1053 | 1317 | 1580 |
| 4.6% V/V (fpm) | 349 | 466 | 699 | 932  | 1165 | 1398 |
| 4.2% V/V (fpm) | 319 | 425 | 638 | 851  | 1063 | 1276 |

NIGOR  
N50 29.4 E091 25.8

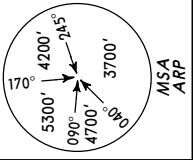
UNAA/ABA  
ABAKAN

JEPPesen  
20 JAN 12 (10-3B)

ABAKAN, RUSSIA  
SID

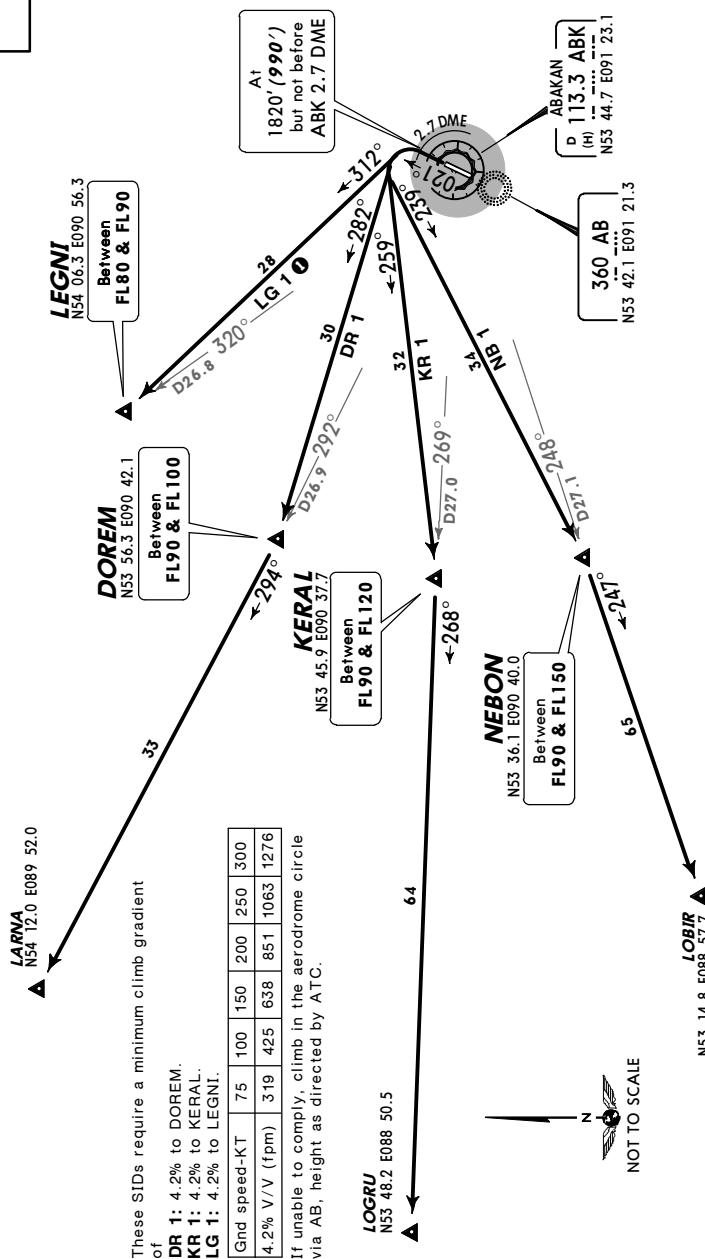
Apt Elev  
830'

QNH on request (QFE)  
Trans level: FL70  
FL80 if pressure is less than 724mm (965.3 hPa)  
Trans alt: 5430' (4600')



Only for Russian users of airspace.

DR 1, KR 1, LG 1, NB 1  
RWY 02R DEPARTURES



ALT/HEIGHT CONVERSION  
(QFE)  
1820' (990' - 300m)  
5430' (4600' - 1400m)

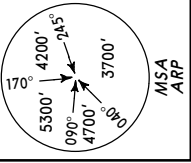
UNAA/ABA  
ABAKAN

JEPPesen  
20 JAN 12 (10-3C)

ABAKAN, RUSSIA  
SID

Apt Elev  
830'

QNH on request (QFE)  
Trans level: FL70  
FL80 if pressure is less than 724mm (965.3 hPa)  
Trans alt: 5430' (4607')



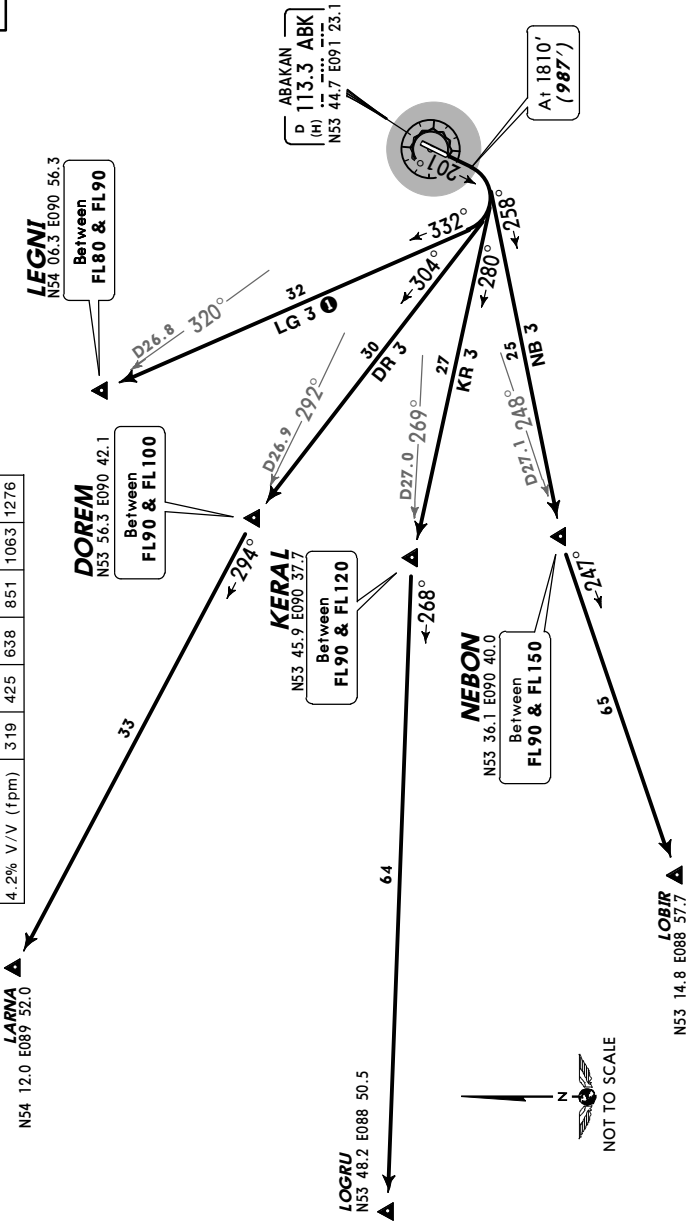
DR 3, KR 3, LG 3, NB 3  
RWY 20L DEPARTURES

Only for Russian users of airspace.

These SIDs require minimum climb gradients

DR 3: 4.2% to DOREM.  
KR 3: 4.6% to KERAL.  
NB 3: 5.0% to NEBON.

| Gnd speed-KT         | 75  | 100 | 150 | 200  | 250  | 300  |
|----------------------|-----|-----|-----|------|------|------|
| DR 3: 4.2% to DOREM. | 380 | 506 | 760 | 1013 | 1266 | 1519 |
| KR 3: 4.6% to KERAL. | 349 | 466 | 699 | 932  | 1165 | 1398 |
| NB 3: 5.0% to NEBON. | 319 | 425 | 638 | 851  | 1063 | 1276 |



ALT/HEIGHT CONVERSION  
QNH (QFE)  
1810' (987' - 300m)  
5430' (4607' - 1400m)

UNAA/ABA

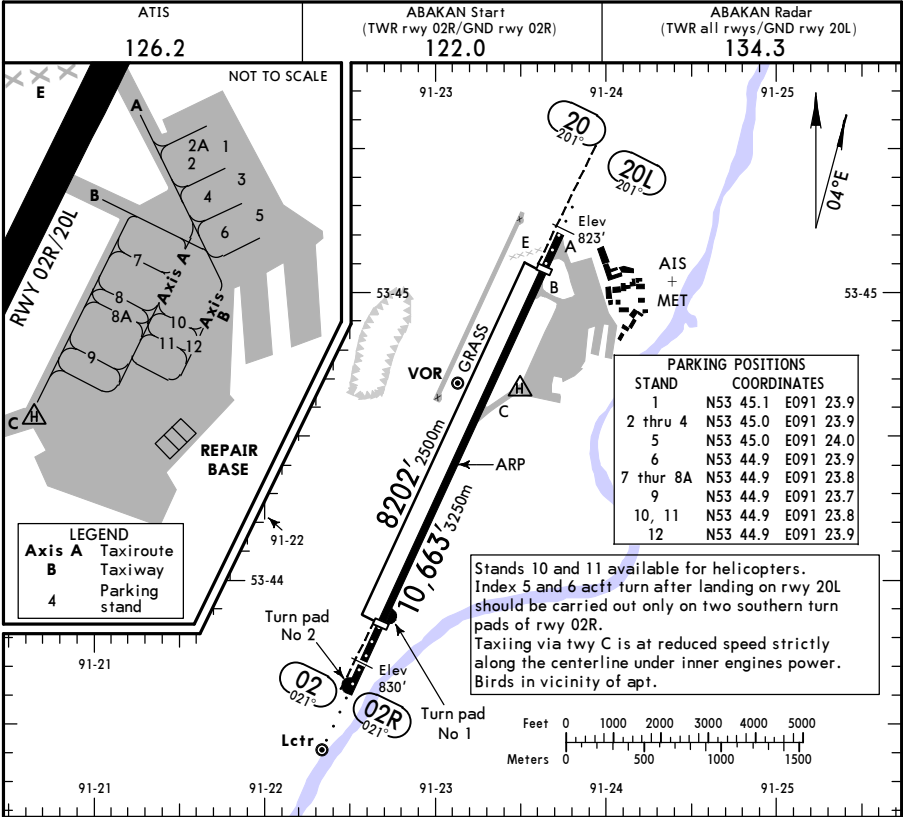
Apt Elev **830'**  
N53 44.4 E091 23.1

JEPPesen

15 APR 16 **10-9** Eff 28 Apr

ABAKAN, RUSSIA

ABAKAN



ADDITIONAL RUNWAY INFORMATION

| RWY |              |     | USABLE LENGTHS |                               | TAKE-OFF | WIDTH       |
|-----|--------------|-----|----------------|-------------------------------|----------|-------------|
|     |              |     | Threshold      | Landing Beyond<br>Glide Slope |          |             |
| 02  | 20           |     |                |                               |          | 262'<br>80m |
| 02R | RL (60m) ALS | RVR | 9022' 2750m    | 7930' 2417m                   |          | 148'<br>45m |
| 20L |              |     | 9843' 3000m    | 8872' 2704m                   |          |             |
|     |              |     |                |                               |          |             |
|     |              |     |                |                               |          |             |
|     |              |     |                |                               |          |             |

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 |      |

UNAA/ABA

Standard

**ABAKAN, RUSSIA**

**ABAKAN**

| STRAIGHT-IN RWY |         | A                      | B                      | C                      | D                      |
|-----------------|---------|------------------------|------------------------|------------------------|------------------------|
| 02R             | ILS     | 1030'(200')<br>R1000m  | 1030'(200')<br>R1000m  | 1030'(200')<br>R1000m  | 1030'(200')<br>R1000m  |
|                 | ALS out | R1200m                 | R1200m                 | R1200m                 | R1200m                 |
|                 | LOC     | NOT AUTH               | NOT AUTH               | NOT AUTH               | NOT AUTH               |
|                 | NDB ❶   | 1130'(300')<br>R1200m  | 1160'(330')<br>R1300m  | 1160'(330')<br>R1300m  | 1160'(330')<br>R1300m  |
|                 | ALS out | R1400m                 | R1500m                 | R1500m                 | R1500m                 |
| 20L             | ILS     | 1023'(200')<br>R1000m  | 1023'(200')<br>R1000m  | 1023'(200')<br>R1000m  | 1023'(200')<br>R1000m  |
|                 | ALS out | R1200m                 | R1200m                 | R1200m                 | R1200m                 |
|                 | LOC     | NOT AUTH               | NOT AUTH               | NOT AUTH               | NOT AUTH               |
|                 | NDB ❶❷  | 2160'(1337')<br>C5000m | 2160'(1337')<br>C5000m | 2160'(1337')<br>C5000m | 2160'(1337')<br>C5000m |
|                 | NDB ❸   | 2700'(1877')<br>C5000m | 2700'(1877')<br>C5000m | 2700'(1877')<br>C5000m | 2700'(1877')<br>C5000m |

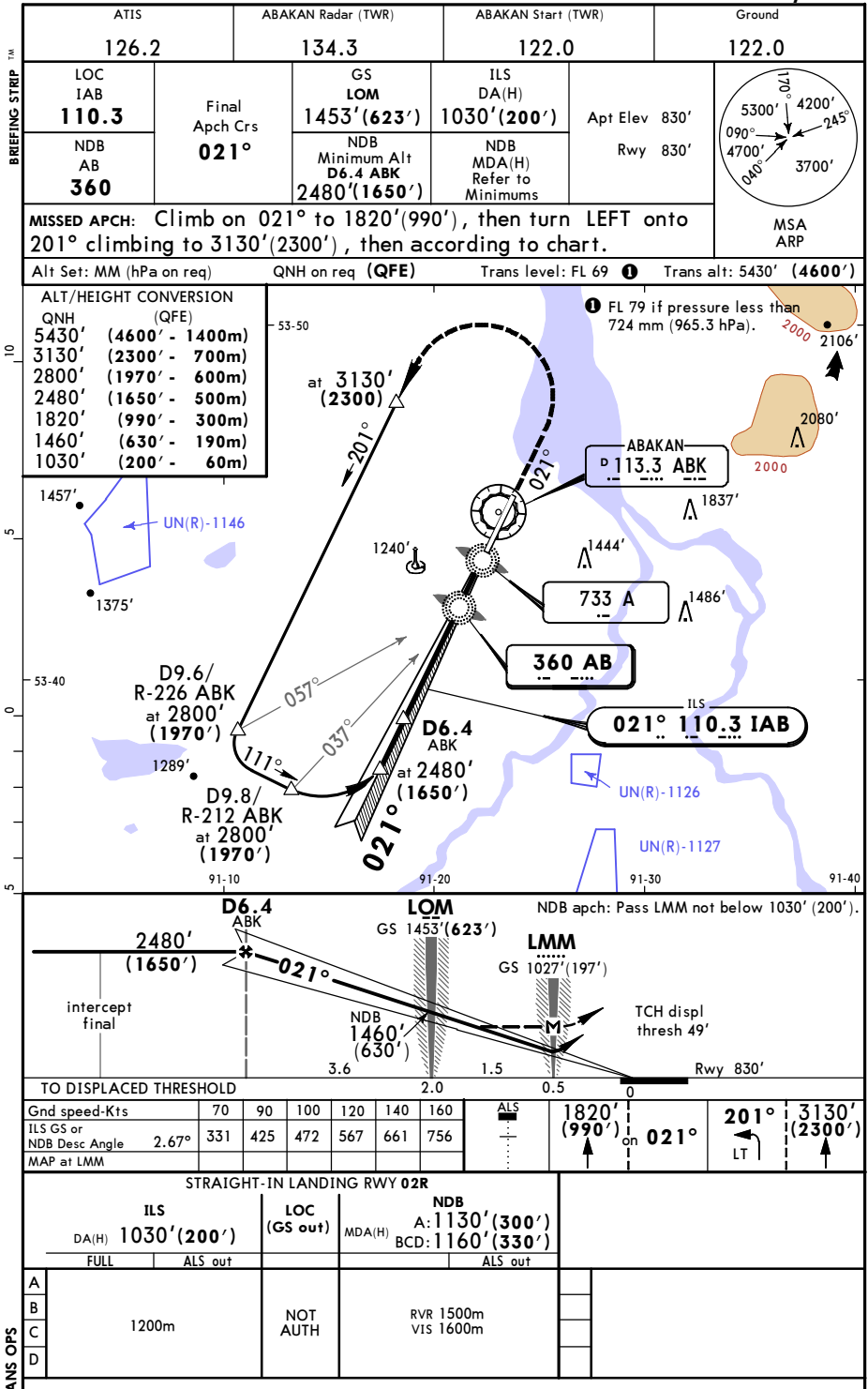
- ❶ Continuous Descent Final Approach.
- ❷ With D7.2 ABK.
- ❸ W/o D7.2 ABK.

| TAKE-OFF RWY 02, 02R, 20, 20L |      |                          |                   |
|-------------------------------|------|--------------------------|-------------------|
| 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 |                          |                   |

UNAA/ABA  
ABAKAN

JEPPesen  
15 APR 16  
Eff 28 Apr 11-1

ABAKAN, RUSSIA  
ILS or 2 NDB Rwy 02R



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### Chart changes since cycle 12-2016

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

ACT PROCEDURE IDENT

## INDEX

REV DATE

EFF DATE

**ABAKAN, (ABAKAN - UNAA)**

## **TERMINAL CHART CHANGE NOTICES**

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