

## List of pages in this Trip Kit

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Airport Information For URML

Terminal Charts For URML

Revision Letter For Cycle 08-2012

Change Notices

Notebook

## General Information

Location: Makhachkala Rus  
IATA Code: MCX  
Lat/Long: N42° 49.0' E047° 39.2'  
Elevation: 15 ft

Airport Use: Public  
Magnetic Variation: 6.6°E

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

Sunrise: 0201 Z  
Sunset: 1536 Z,

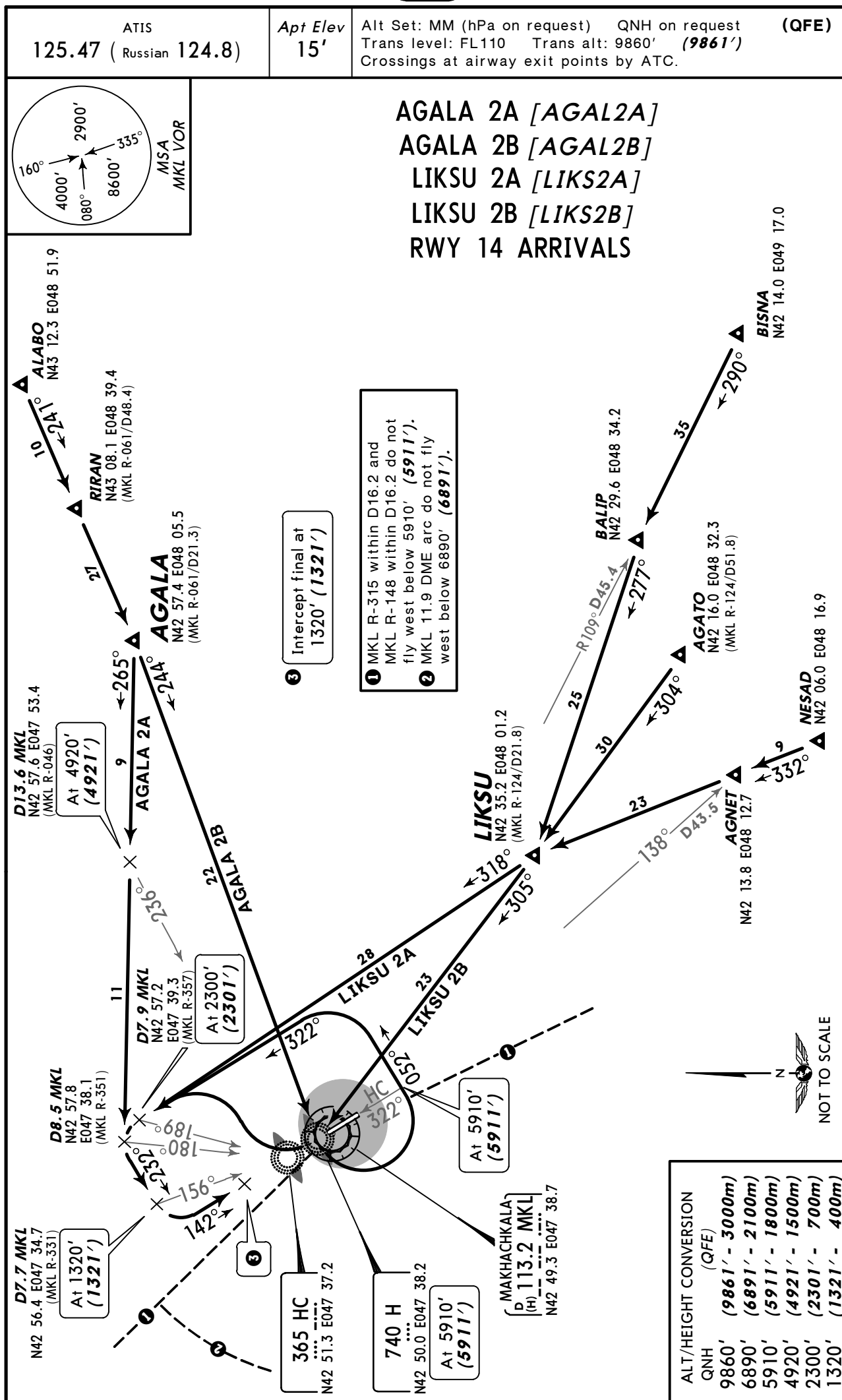
## Runway Information

Runway: 14  
Length x Width: 8661 ft x 138 ft  
Surface Type: concrete  
TDZ-Elev: -1 ft  
Lighting: Edge, ALS

Runway: 32  
Length x Width: 8661 ft x 138 ft  
Surface Type: concrete  
TDZ-Elev: 12 ft  
Lighting: Edge, ALS

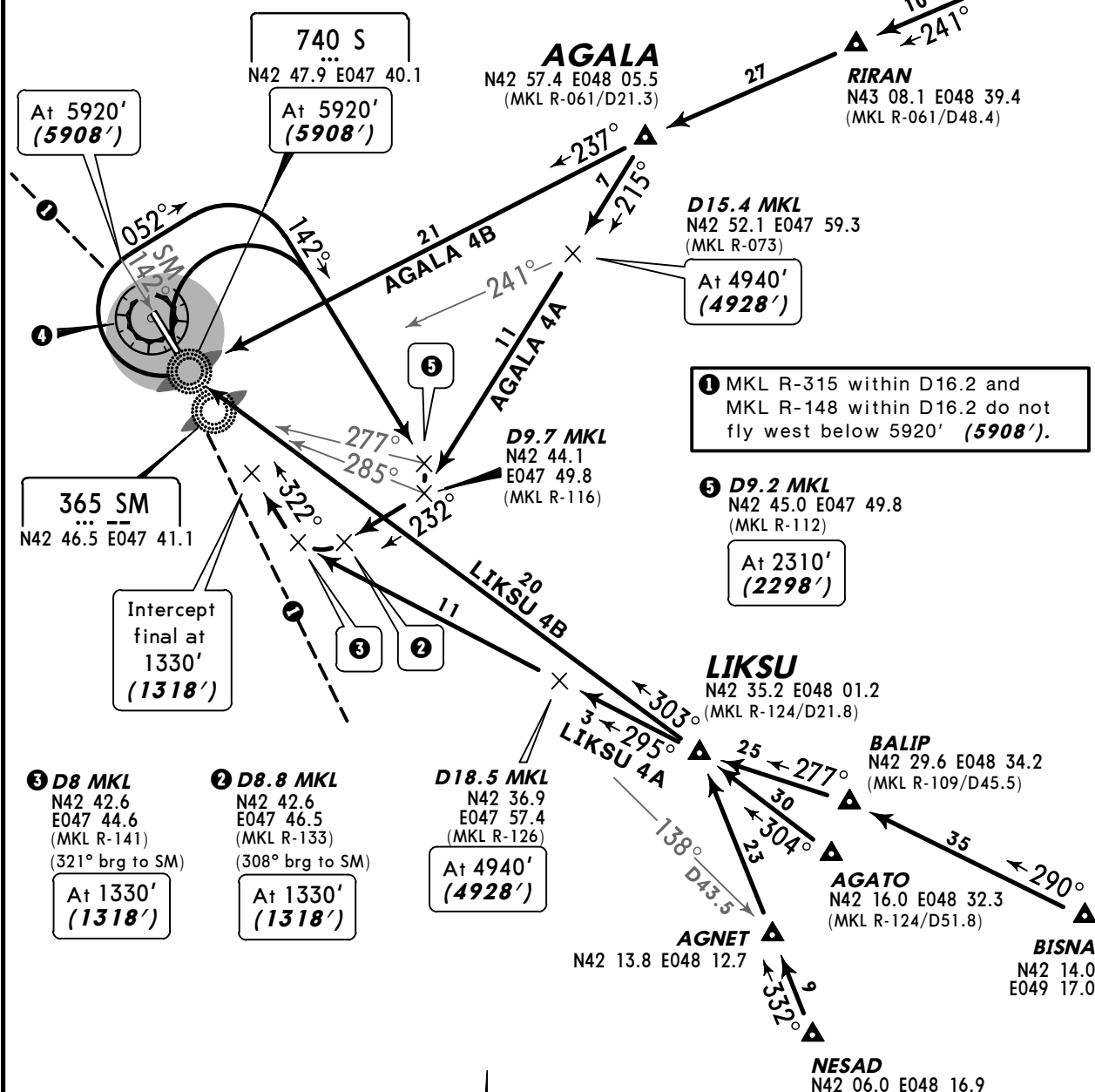
## Communication Information

ATIS 125.475  
ATIS 124.8 Non-English  
Makhachkala Start Tower 121.3 Non-English  
Makhachkala Approach Control 119.7 Non-English  
Makhachkala Krug Radar 121.3



**(QFE)**

**ALABO**  
N43 12.3  
E048 51.9



ALT/HEIGHT CONVERSION  
QNH (QFE)

|       |                 |
|-------|-----------------|
| 9860' | (9848' - 3000m) |
| 5920' | (5908' - 1800m) |
| 4940' | (4928' - 1500m) |
| 2310' | (2298' - 700m)  |
| 1330' | (1318' - 400m)  |

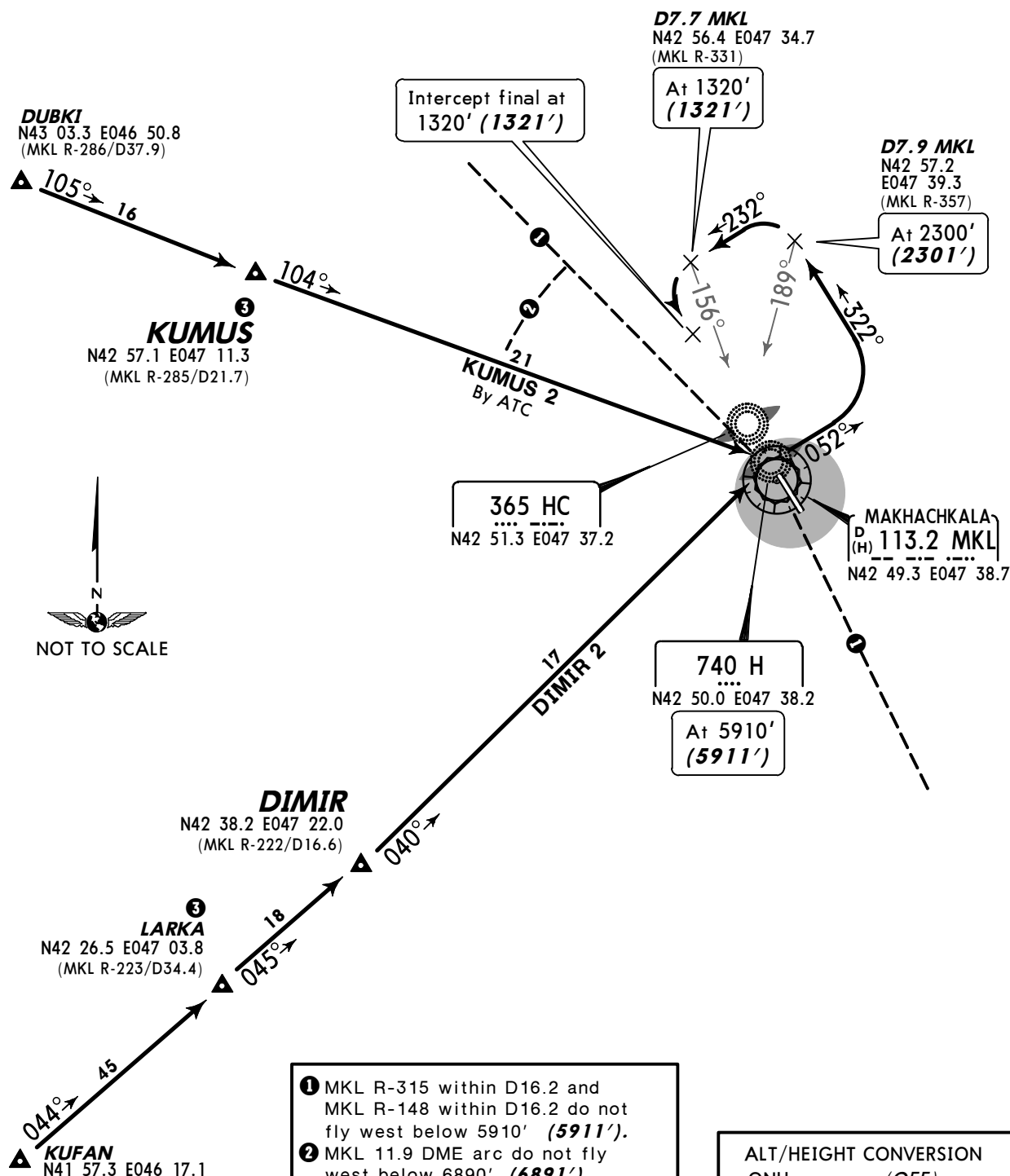
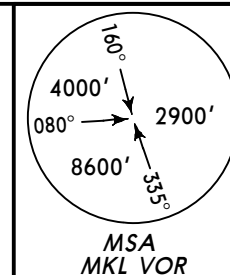
ATIS  
125.47 (Russian 124.8)

Apt Elev  
15'

Alt Set: MM (hPa on request) QNH on request  
Trans level: FL110 Trans alt: 9860' (9861')  
Crossings at airway exit points by ATC.

(QFE)

**DIMIR 2  
KUMUS 2  
BY ATC  
RWY 14 ARRIVALS**



- ① MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5910' (5911').
- ② MKL 11.9 DME arc do not fly west below 6890' (6891').
- ③ Flights from LARKA, KUMUS are allowed under radar control and steady operation of airborne navigation equipment.

| ALT/HEIGHT CONVERSION |                 |
|-----------------------|-----------------|
| QNH                   | (QFE)           |
| 9860'                 | (9861' - 3000m) |
| 6890'                 | (6891' - 2100m) |
| 5910'                 | (5911' - 1800m) |
| 2300'                 | (2301' - 700m)  |
| 1320'                 | 1321' - 400m)   |

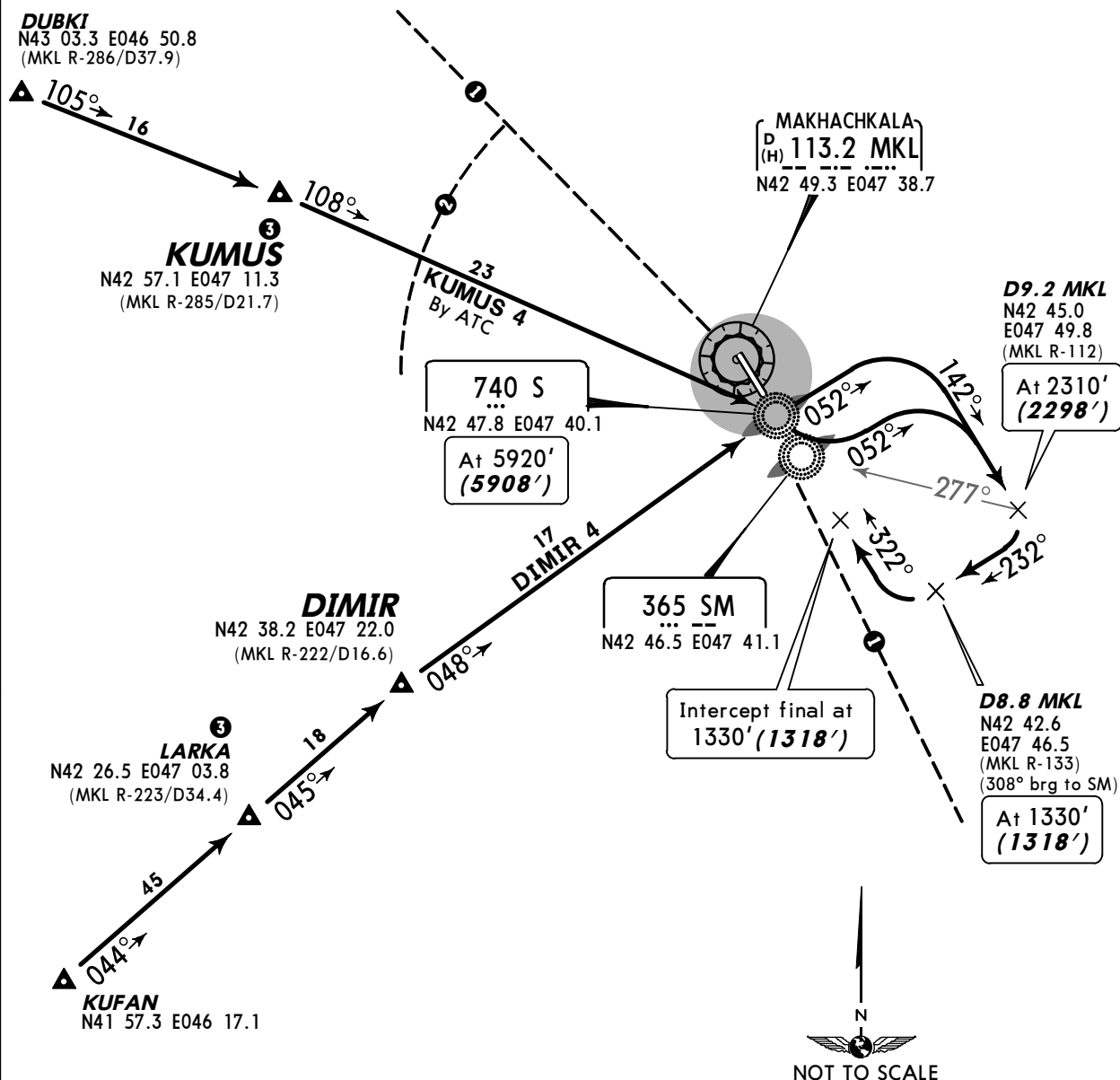
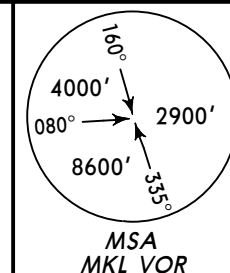
ATIS  
125.47 (Russian 124.8)

Apt Elev  
15'

Alt Set: MM (hPa on request) QNH on request  
Trans level: FL110 Trans alt: 9860' (9848')  
Crossings at airway exit points by ATC.

(QFE)

DIMIR 4  
KUMUS 4  
BY ATC  
RWY 32 ARRIVALS



- ① MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5920' (5908').
- ② MKL 11.9 DME arc do not fly west below 6910' (6898').
- ③ Flights from LARKA, KUMUS are allowed under radar control and steady operation of airborne navigation equipment.

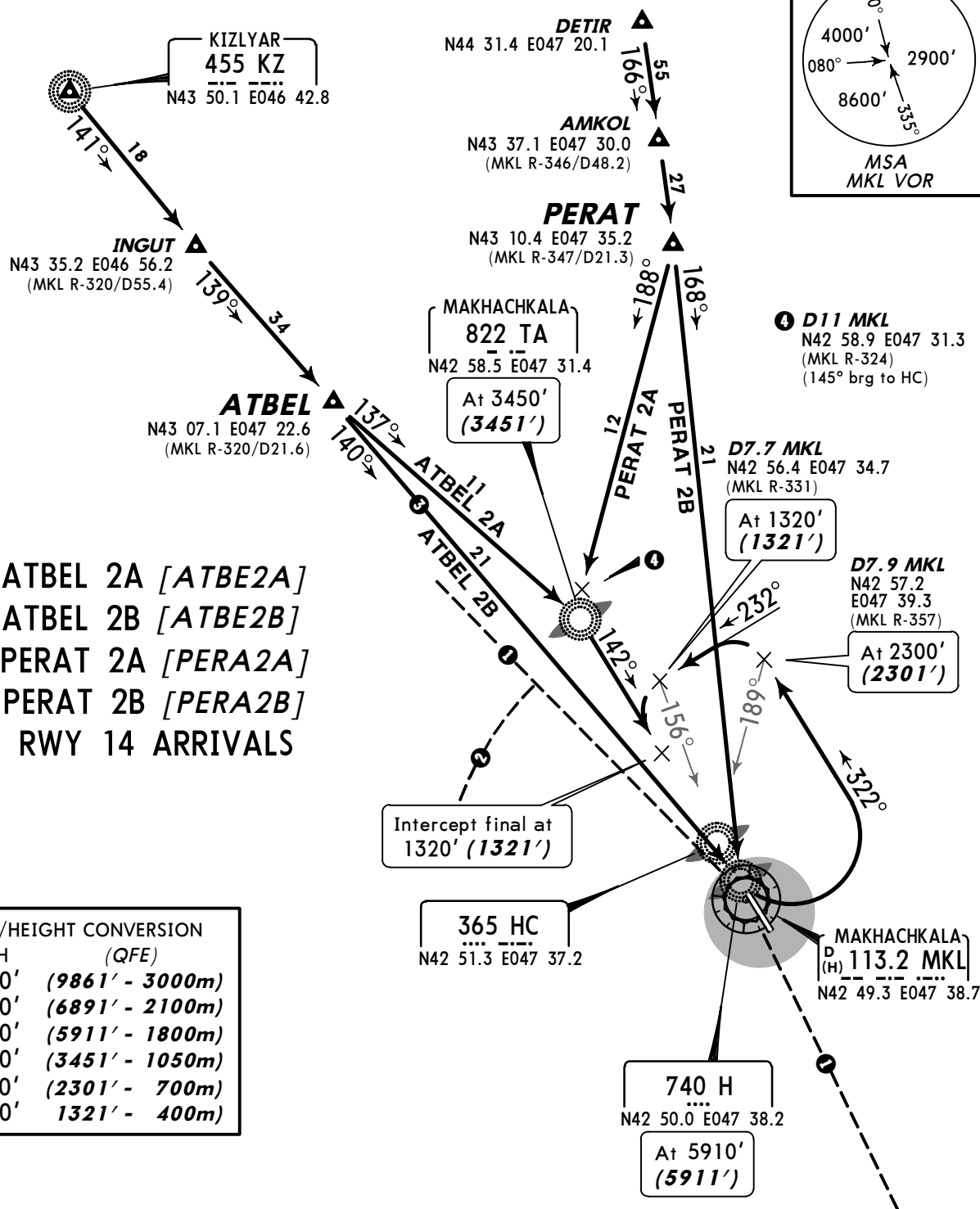
| ALT/HEIGHT CONVERSION |                 |
|-----------------------|-----------------|
| QNH                   | (QFE)           |
| 9860'                 | (9848' - 3000m) |
| 6910'                 | (6898' - 2100m) |
| 5920'                 | (5908' - 1800m) |
| 2310'                 | (2298' - 700m)  |
| 1330'                 | (1318' - 400m)  |

ATIS  
125.47 (Russian 124.8)

Apt Elev  
15'

Alt Set: MM (hPa on request) QNH on request  
Trans level: FL110 Trans alt: 9860' (9861')  
Crossings at airway exit points by ATC.

(QFE)



- 1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5910' (5911').
- 2 MKL 11.9 DME arc do not fly west below 6890' (6891').
- 3 Available when TA u/s.

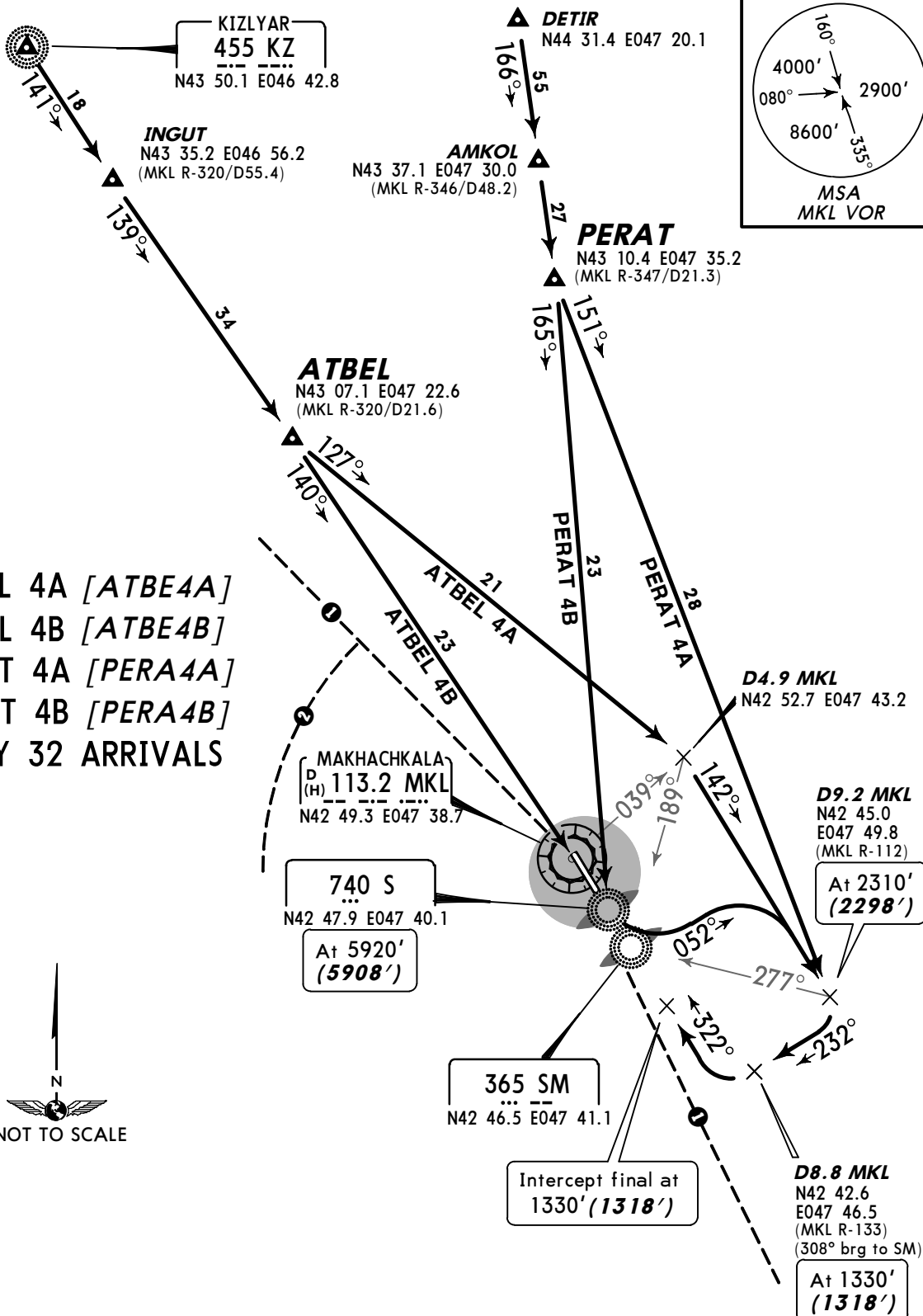
ATIS  
125.47 (Russian 124.8)

Apt Elev  
15'

Alt Set: MM (hPa on request) QNH on request  
Trans level: FL110 Trans alt: 9860' (9848')  
Crossings at airway exit points by ATC.

(QFE)

ATBEL 4A [ATBE4A]  
ATBEL 4B [ATBE4B]  
PERAT 4A [PERA4A]  
PERAT 4B [PERA4B]  
RWY 32 ARRIVALS



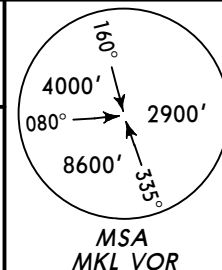
- 1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5920' (5908').
- 2 MKL 11.9 DME arc do not fly west below 6910' (6898').

| ALT/HEIGHT CONVERSION |                 |
|-----------------------|-----------------|
| QNH                   | (QFE)           |
| 9860'                 | (9848' - 3000m) |
| 6910'                 | (6898' - 2100m) |
| 5920'                 | (5908' - 1800m) |
| 2310'                 | (2298' - 700m)  |
| 1330'                 | (1318' - 400m)  |

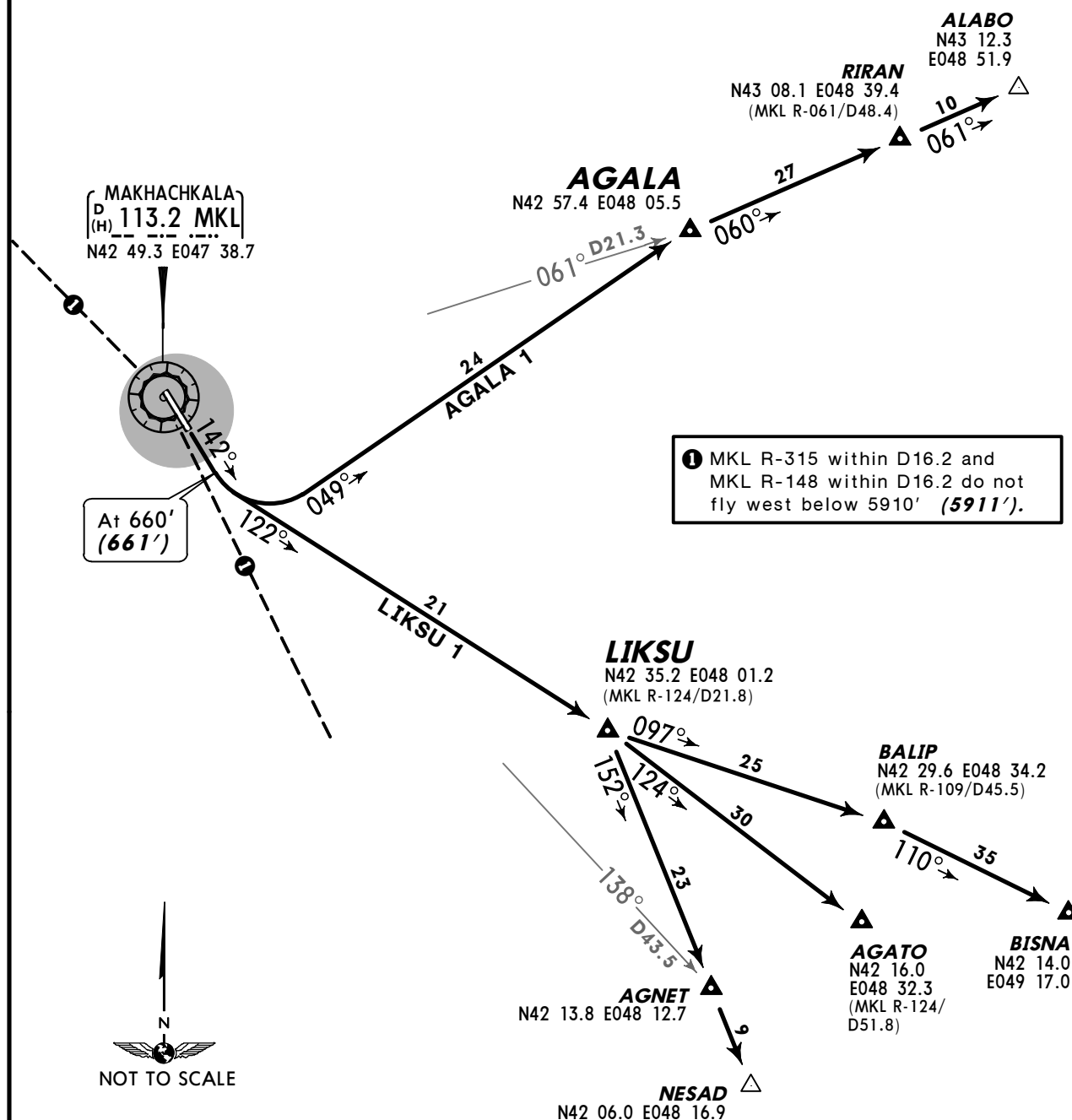


Apt Elev  
15'

QNH on request (QFE)  
Trans level: FL110 Trans alt: 9860' (9861')  
Crossings at airway entry points by ATC.



# AGALA 1 LIKSU 1 RWY 14 DEPARTURES



| ALT/HEIGHT CONVERSION |                 |
|-----------------------|-----------------|
| QNH                   | (QFE)           |
| 660'                  | (661' - 200m)   |
| 5910'                 | (5911' - 1800m) |
| 9860'                 | (9861' - 3000m) |

At 670' (658')

MAKHACHKALA  
D (H) 113.2 MKL  
N42 49.3 E047 38.7

365 SM  
N42 46.5 E047 41.1

D5 MKL  
N42 50.2 E047 45.4

AGALA  
N42 57.4 E048 05.5

RIRAN  
N43 08.1 E048 39.4  
(MKL R-061/D48.4)

ALABO  
N43 12.3 E048 51.9

LIKSU  
N42 35.2 E048 01.2

AGATO  
N42 16.0 E048 32.3

BISNA  
N42 14.0 E049 17.0

AGNET  
N42 13.8 E048 12.7

NESAD  
N42 06.0 E048 16.9

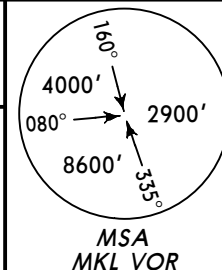
1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5920' (5908').

NOT TO SCALE

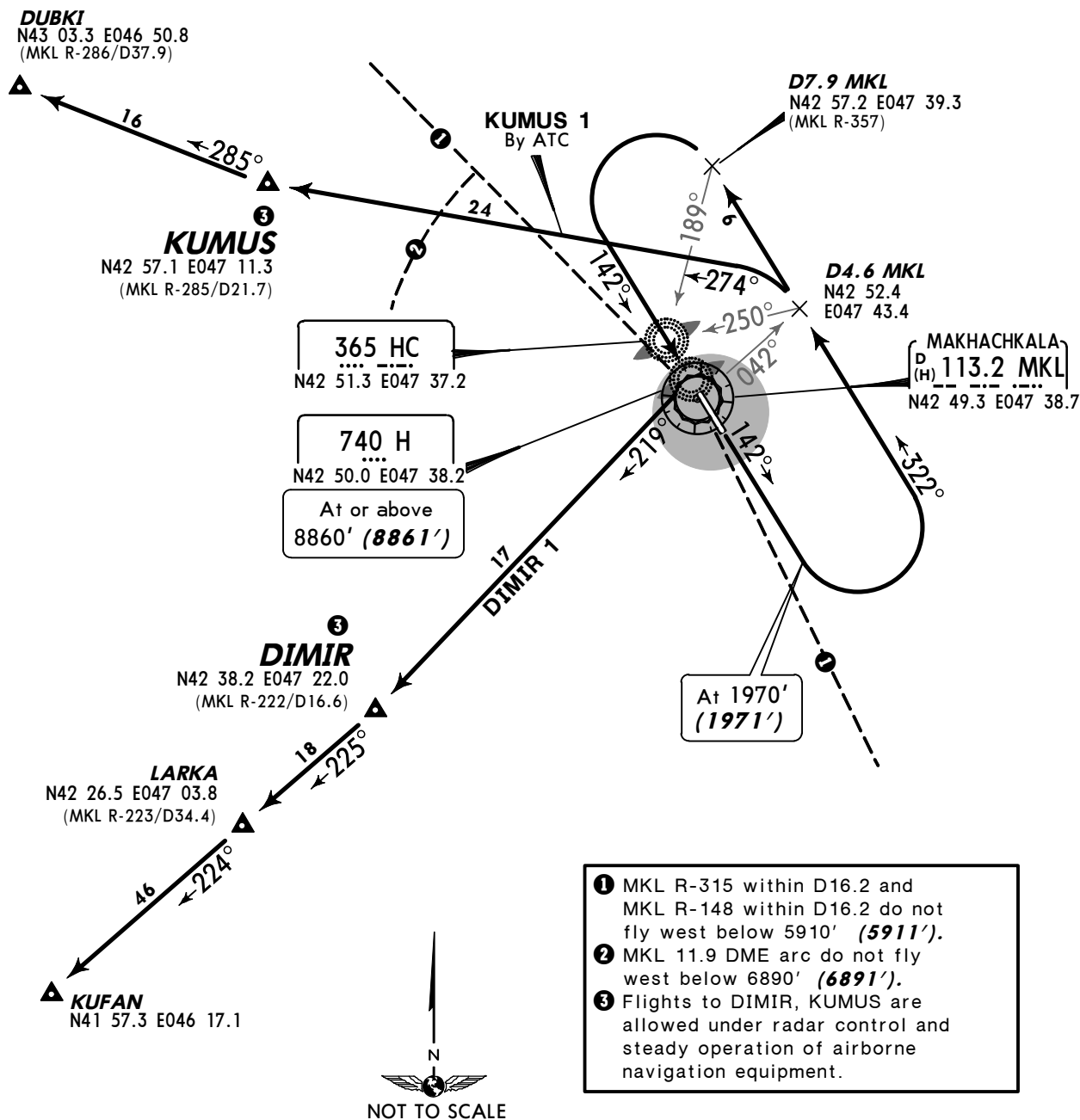
| ALT/HEIGHT CONVERSION |                 |
|-----------------------|-----------------|
| QNH                   | (QFE)           |
| 670'                  | (658' - 200m)   |
| 5920'                 | (5908' - 1800m) |
| 9860'                 | (9848' - 3000m) |

Apt Elev  
15'

QNH on request (QFE)  
Trans level: FL110 Trans alt: 9860' (9861')  
Crossings at airway entry points by ATC.

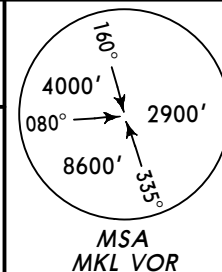


**DIMIR 1  
KUMUS 1  
BY ATC  
RWY 14 DEPARTURES**



- ① MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5910' (5911').
- ② MKL 11.9 DME arc do not fly west below 6890' (6891').
- ③ Flights to DIMIR, KUMUS are allowed under radar control and steady operation of airborne navigation equipment.

| QNH   | (QFE)           |
|-------|-----------------|
| 1970' | (1971' - 600m)  |
| 5910' | (5911' - 1800m) |
| 6890' | (6891' - 2100m) |
| 8860' | (8861' - 2700m) |
| 9860' | (9861' - 3000m) |

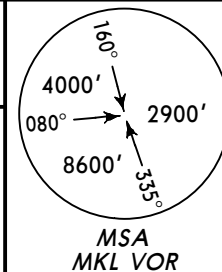
Apt Elev  
15'QNH on request (QFE)  
Trans level: FL110 Trans alt: 9860' (9848')  
Crossings at airway entry points by ATC.DIMIR 3  
KUMUS 3  
BY ATC  
RWY 32 DEPARTURES**DUBKI**  
N43 03.3 E046 50.8  
(MKL R-286/D37.9)**KUMUS**  
N42 57.1 E047 11.3  
(MKL R-285/D21.7)**740 S**  
N42 47.9 E047 40.1  
At or above  
8880' (8868')**365 SM**  
N42 46.5 E047 41.1**MAKHACHKALA**  
D(H) 113.2 MKL  
N42 49.3 E047 38.7**D9.2 MKL**  
N42 45.0 E047 49.8**LARKA**  
N42 26.5 E047 03.8  
(MKL R-223/D34.4)**DIMIR**  
N42 38.2 E047 22.0**KUFAN**  
N41 57.3 E046 17.1

- 1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5920' (5908').
- 2 MKL 11.9 DME arc do not fly west below 6910' (6898').
- 3 Flights to DIMIR, KUMUS are allowed under radar control and steady operation of airborne navigation equipment.

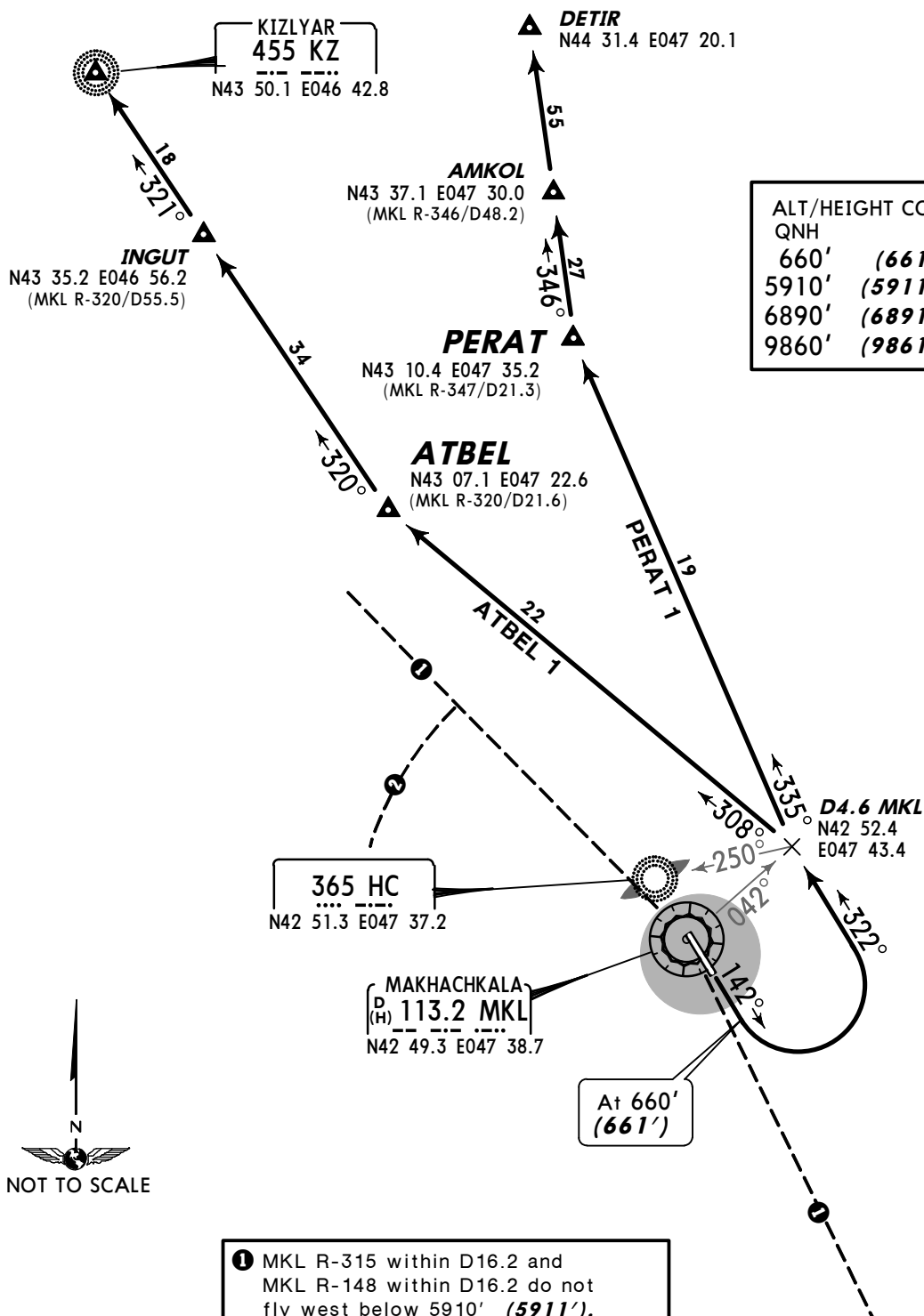
| ALT/HEIGHT CONVERSION |                 |
|-----------------------|-----------------|
| QNH                   | (QFE)           |
| 1990'                 | (1978' - 600m)  |
| 5920'                 | (5908' - 1800m) |
| 6910'                 | (6898' - 2100m) |
| 8880'                 | (8868' - 2700m) |
| 9860'                 | (9848' - 3000m) |

Apt Elev  
15'

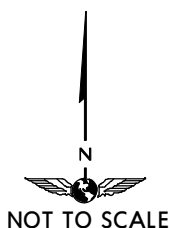
QNH on request (QFE)  
Trans level: FL110 Trans alt: 9860' (9861')  
Crossings at airway entry points by ATC.



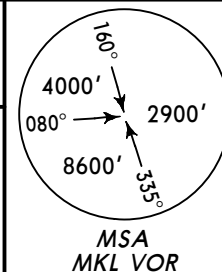
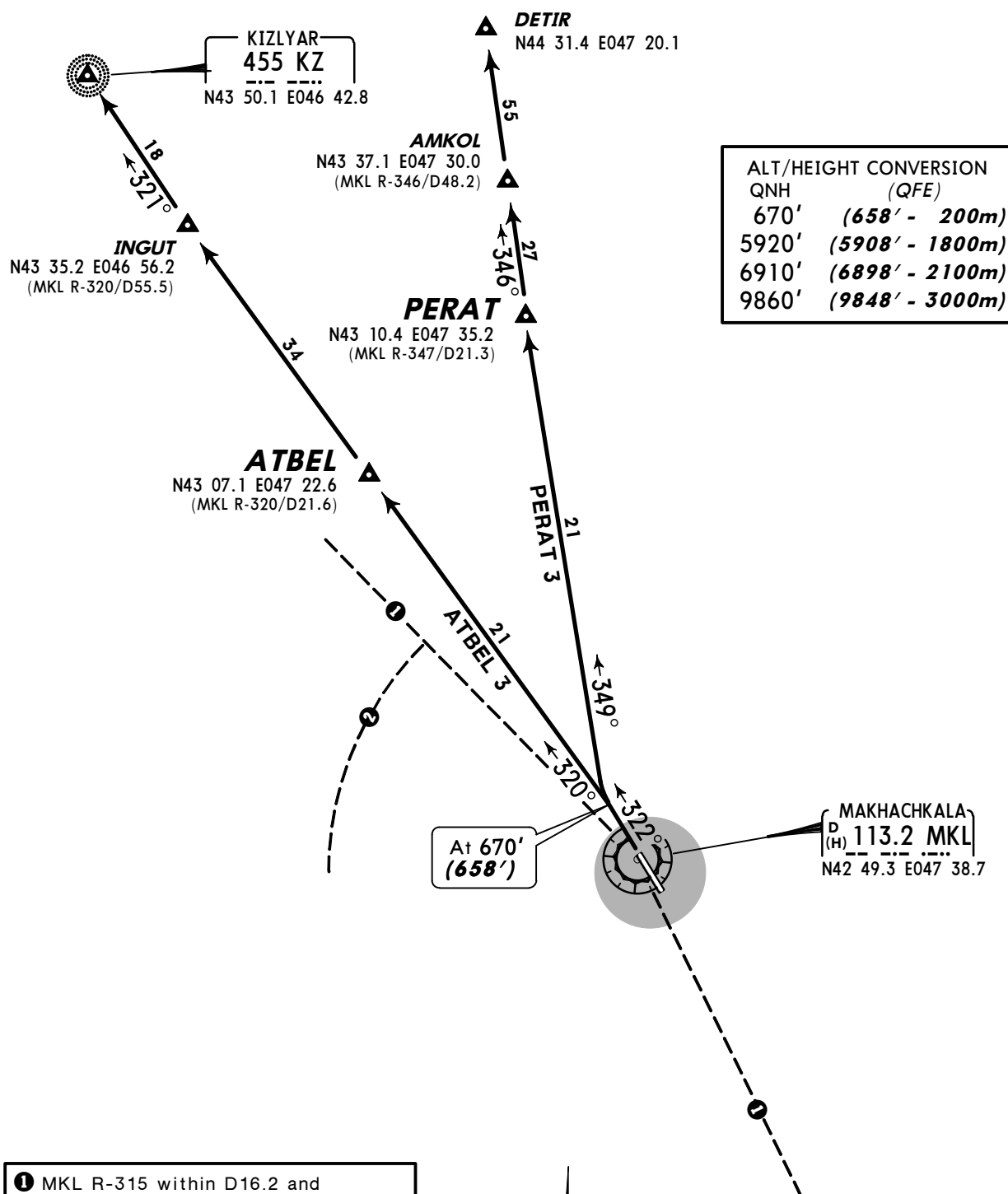
# ATBEL 1 PERAT 1 RWY 14 DEPARTURES



| QNH   | (QFE)           |
|-------|-----------------|
| 660'  | (661' - 200m)   |
| 5910' | (5911' - 1800m) |
| 6890' | (6891' - 2100m) |
| 9860' | (9861' - 3000m) |



- 1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5910' (5911').
- 2 MKL 11.9 DME arc do not fly west below 6890' (6891').

Apt Elev  
15'QNH on request (QFE)  
Trans level: FL110 Trans alt: 9860' (9848')  
Crossings at airway entry points by ATC.ATBEL 3  
PERAT 3  
RWY 32 DEPARTURES

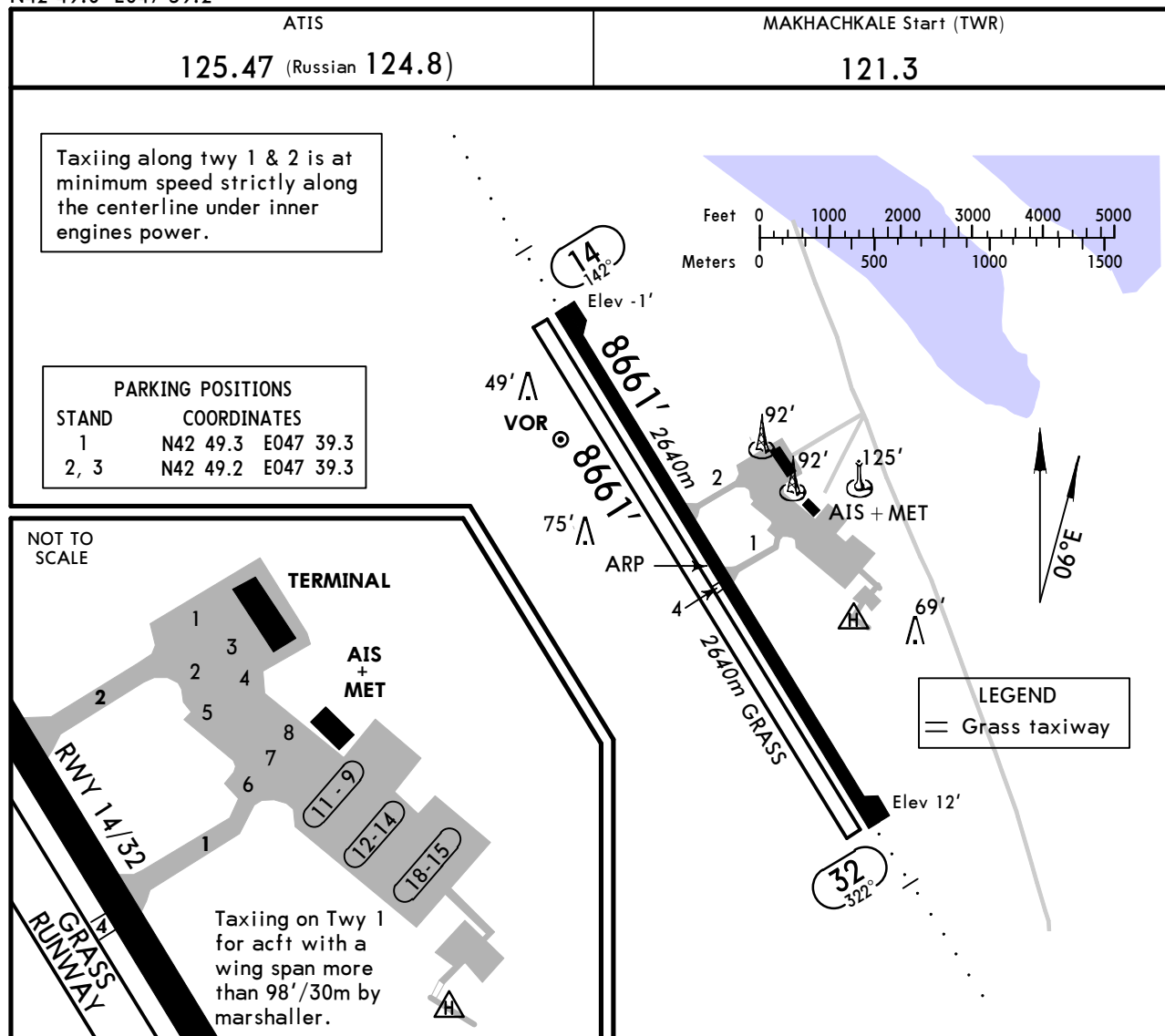
- 1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5920' (5908').
- 2 MKL 11.9 DME arc do not fly west below 6910' (6898').



URML/MCX  
Apt Elev 15'  
N42 49.0 E047 39.2

JEPPSEN  
11 SEP 09 10-9

MAKHACHKALA, RUSSIA  
UYTASH



ADDITIONAL RUNWAY INFORMATION

| RWY      |              |     | USABLE LENGTHS<br>LANDING BEYOND | TAKE-OFF | WIDTH       |
|----------|--------------|-----|----------------------------------|----------|-------------|
|          |              |     | Threshold                        |          |             |
| 14<br>32 | RL (60m) ALS | RVR | 7628' 2325m<br>7932' 2418m       | 1        | 138'<br>42m |
| 14<br>32 | Grass runway |     |                                  |          | 230'<br>70m |
|          |              |     |                                  |          |             |
|          |              |     |                                  |          |             |
|          |              |     |                                  |          |             |

1 TAKE-OFF RUN AVAILABLE

**RWY 14:** From rwy head 8661' (2640m)  
twy 2 int 5249' (1600m)  
twy 1 int 4134' (1260m)

**RWY 32:** From rwy head 8661' (2640m)  
twy 1 int 4528' (1380m)  
twy 2 int 3412' (1040m)

TAKE-OFF

AIR CARRIER (JAA)  
Main rwy 14/32

**LVP must be in force**  
RCLM (DAY only)  
or RL

RCLM (DAY only)  
or RL

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

| STRAIGHT-IN RWY |         | A                     | B                     | C                     | D                     |
|-----------------|---------|-----------------------|-----------------------|-----------------------|-----------------------|
| 14              | ILS     | 199' (200')<br>R1000m | 199' (200')<br>R1000m | 229' (230')<br>R1000m | 229' (230')<br>R1000m |
|                 | ALS out | R1200m                | R1200m                | R1200m                | R1200m                |
|                 | LOC     | NOT AUTH              | NOT AUTH              | NOT AUTH              | NOT AUTH              |
|                 | NDB ❶   | 330' (331')<br>R1300m | 330' (331')<br>R1300m | 330' (331')<br>R1300m | 400' (401')<br>R1700m |
|                 | ALS out | R1500m                | R1500m                | R1500m                | R1900m                |
| 32              | ILS     | 212' (200')<br>R1000m | 212' (200')<br>R1000m | 242' (230')<br>R1000m | 242' (230')<br>R1000m |
|                 | ALS out | R1200m                | R1200m                | R1200m                | R1200m                |
|                 | LOC     | NOT AUTH              | NOT AUTH              | NOT AUTH              | NOT AUTH              |
|                 | NDB ❶   | 350' (338')<br>R1300m | 350' (338')<br>R1300m | 350' (338')<br>R1300m | 410' (398')<br>R1600m |
|                 | ALS out | R1500m                | R1500m                | R1500m                | R1800m                |

❶ Continuous Descent Final Approach.

| CIRCLE-TO-LAND       | 100 KT                                 | 135 KT                                 | 180 KT                                 | 205 KT                                 |
|----------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| After apch to rwy 14 | 530' (515')<br>ceiling 300m - V1600m ❷ | 530' (515')<br>ceiling 300m - V2500m ❷ | 660' (645')<br>ceiling 350m - V3000m ❸ | 720' (705')<br>ceiling 350m - V4000m ❸ |
| After apch to rwy 32 | 540' (525')<br>ceiling 300m - V1600m ❷ | 540' (525')<br>ceiling 300m - V2500m ❷ | 670' (655')<br>ceiling 350m - V3000m ❸ | 720' (705')<br>ceiling 350m - V4000m ❸ |

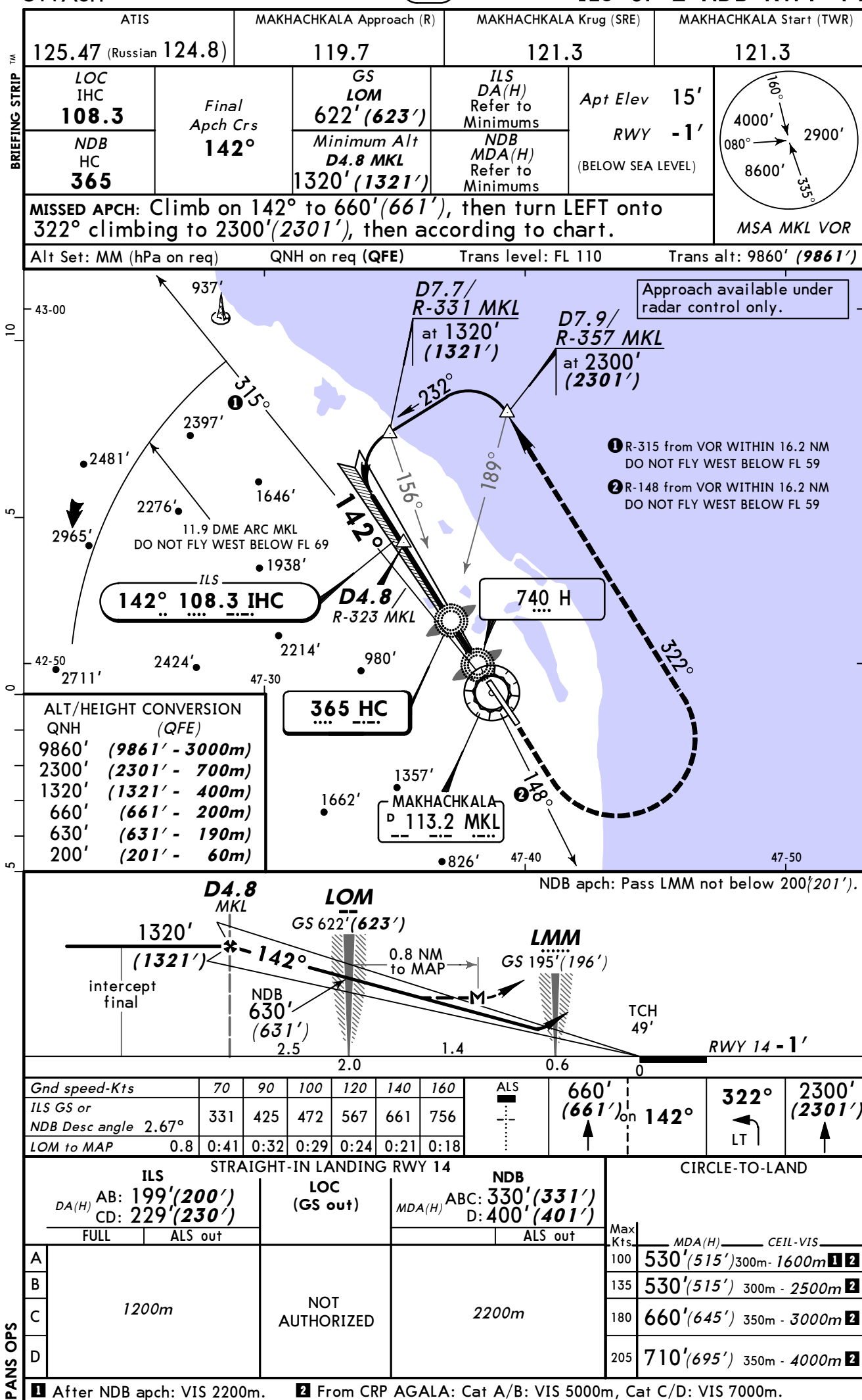
❷ From CRP AGALA: V5000m.

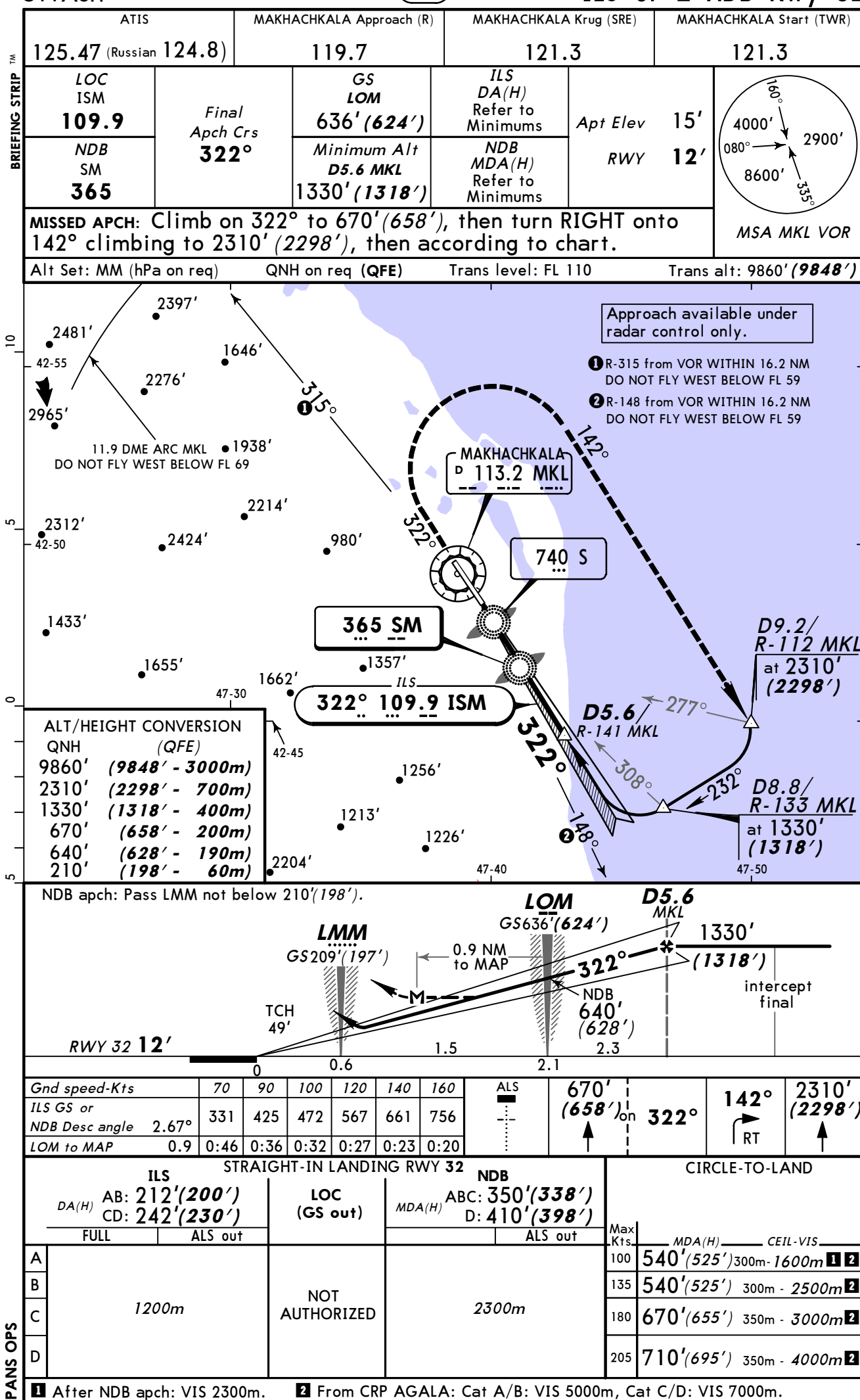
❸ From CRP AGALA: V7000m.

### TAKE-OFF RWY 14, 32

| 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 |                          |                   |







**MAKHACHKALA, (UYTASH - URML)**

## TERMINAL CHART CHANGE NOTICES

### No Chart Change Notices for Airport URML

### Chart Change Notices for Country RUS

**Type:** Gen Tmnl

**Effectivity:** Temporary

**Begin Date:** Immediately

**End Date:** Until Further Notice

The Russian CAA provided major changes for the AIRAC cycle effective 17 November 2011, including implementation of RVSM separation techniques and ICAO flight level system, airspace alignment and change of the existing coordinates standard to PZ-90.02. Also affected by the change are the countries of Afghanistan, Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, and Uzbekistan. We have also received late sources effective 17 November 2011. Please continue to refer to the notices published for the individual airports and our website. [www.jeppesen.com/eurasiachange](http://www.jeppesen.com/eurasiachange).