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Airport Information For URML

Terminal Charts For URML

Revision Letter For Cycle 25-2012

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: 6.7°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: 0420 Z
Sunset: 1324 Z,

Runway Information

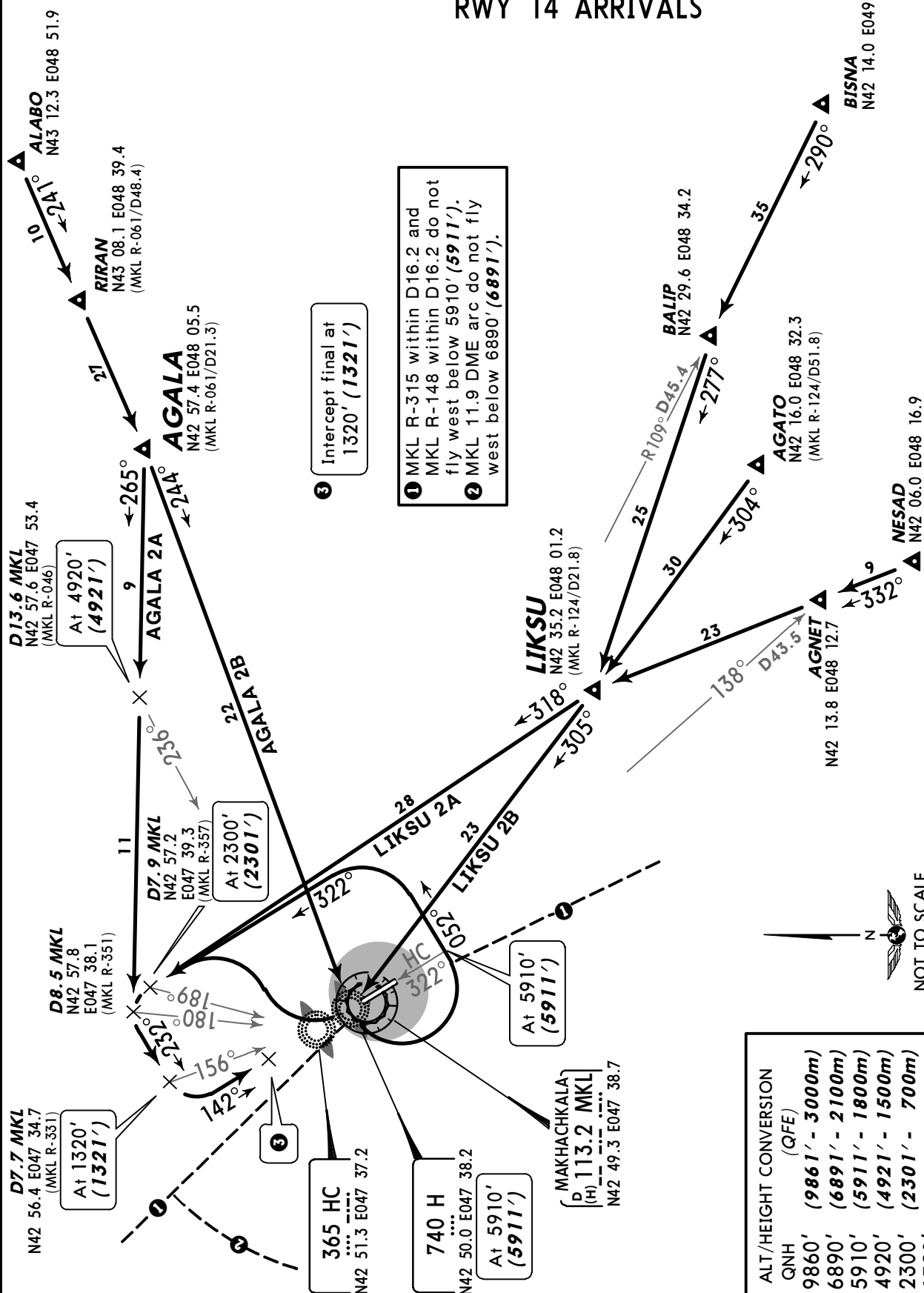
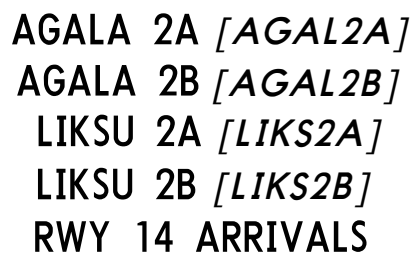
Runway: 14
Length x Width: 8661 ft x 138 ft
Surface Type: concrete
TDZ-Elev: -1 ft
Lighting: Edge, ALS

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

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



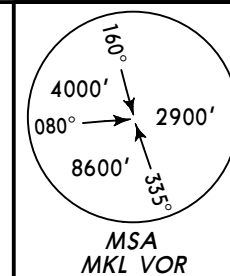
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ATIS
125.47 (Russian 124.8)

Apt Elev
15'

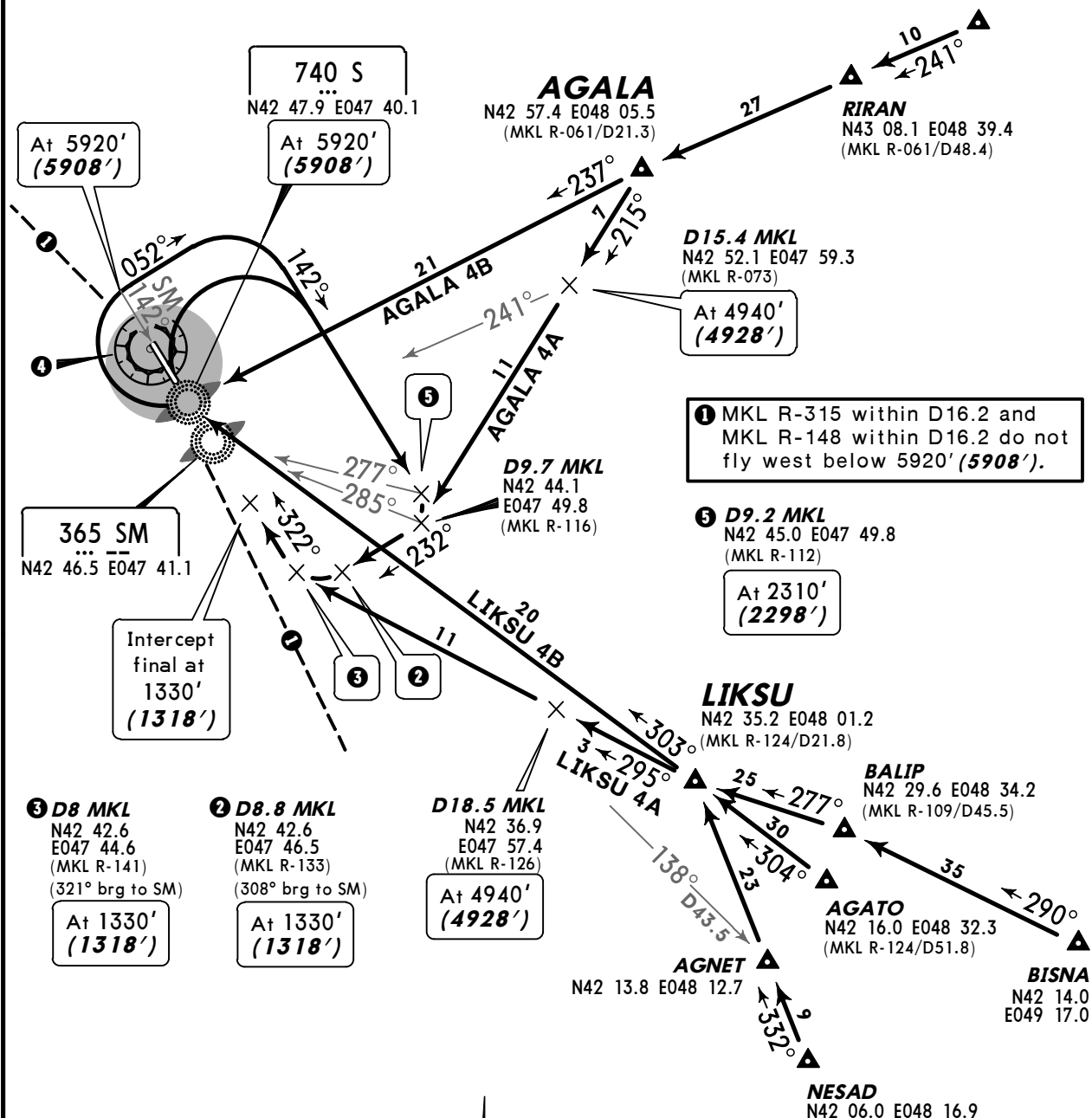
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL110 Trans alt: 9860' (9848')
Crossings at airway exit points by ATC.

AGALA 4A [AGAL4A]
AGALA 4B [AGAL4B]
LIKSU 4A [LIKS4A]
LIKSU 4B [LIKS4B]
RWY 32 ARRIVALS



MAKHACHKALA
D 113.2 MKL
N42 49.3 E047 38.7

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)

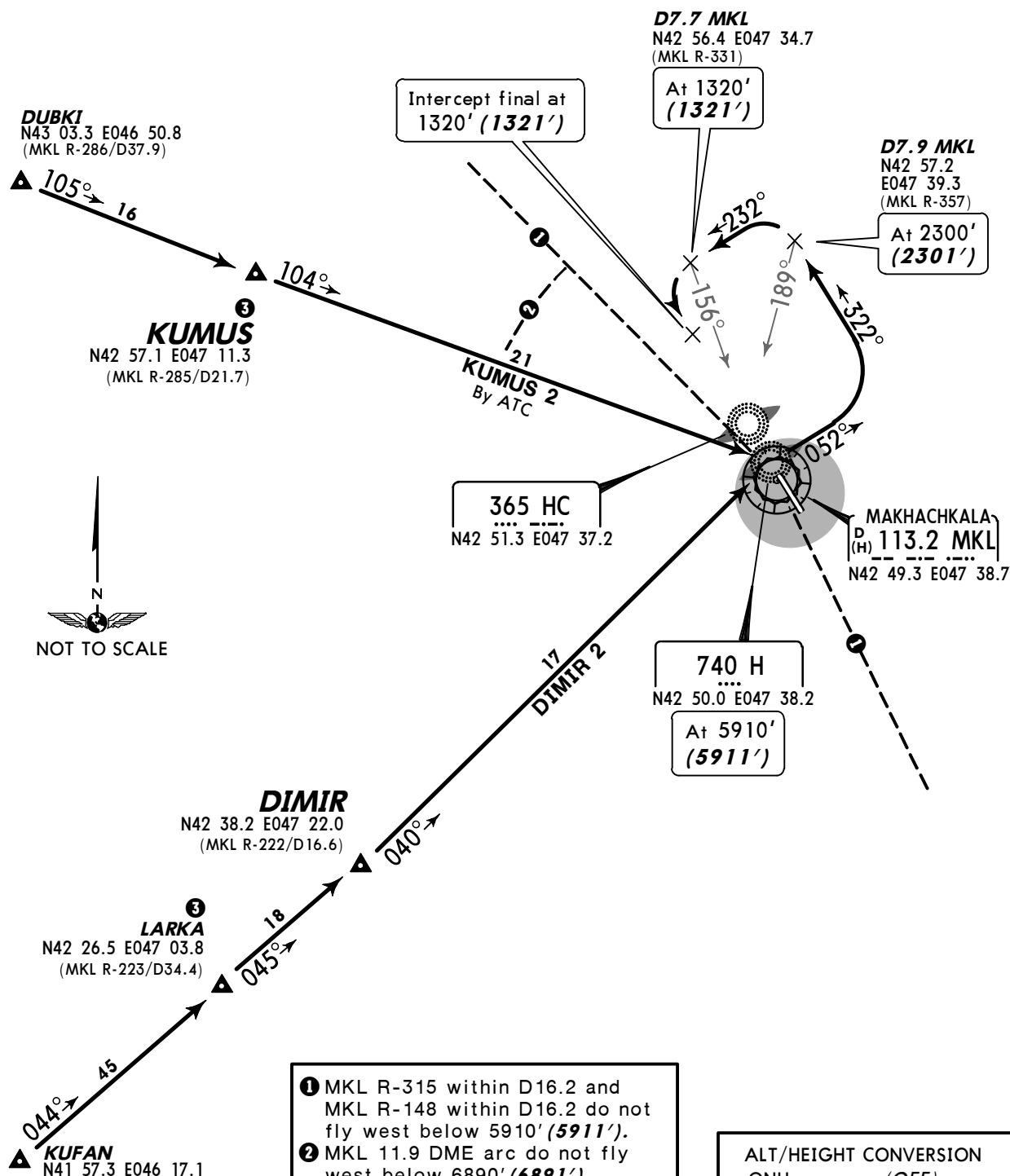
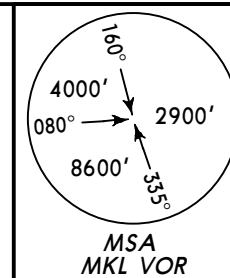


ATIS
125.47 (Russian 124.8)

Apt Elev
15'

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

**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.

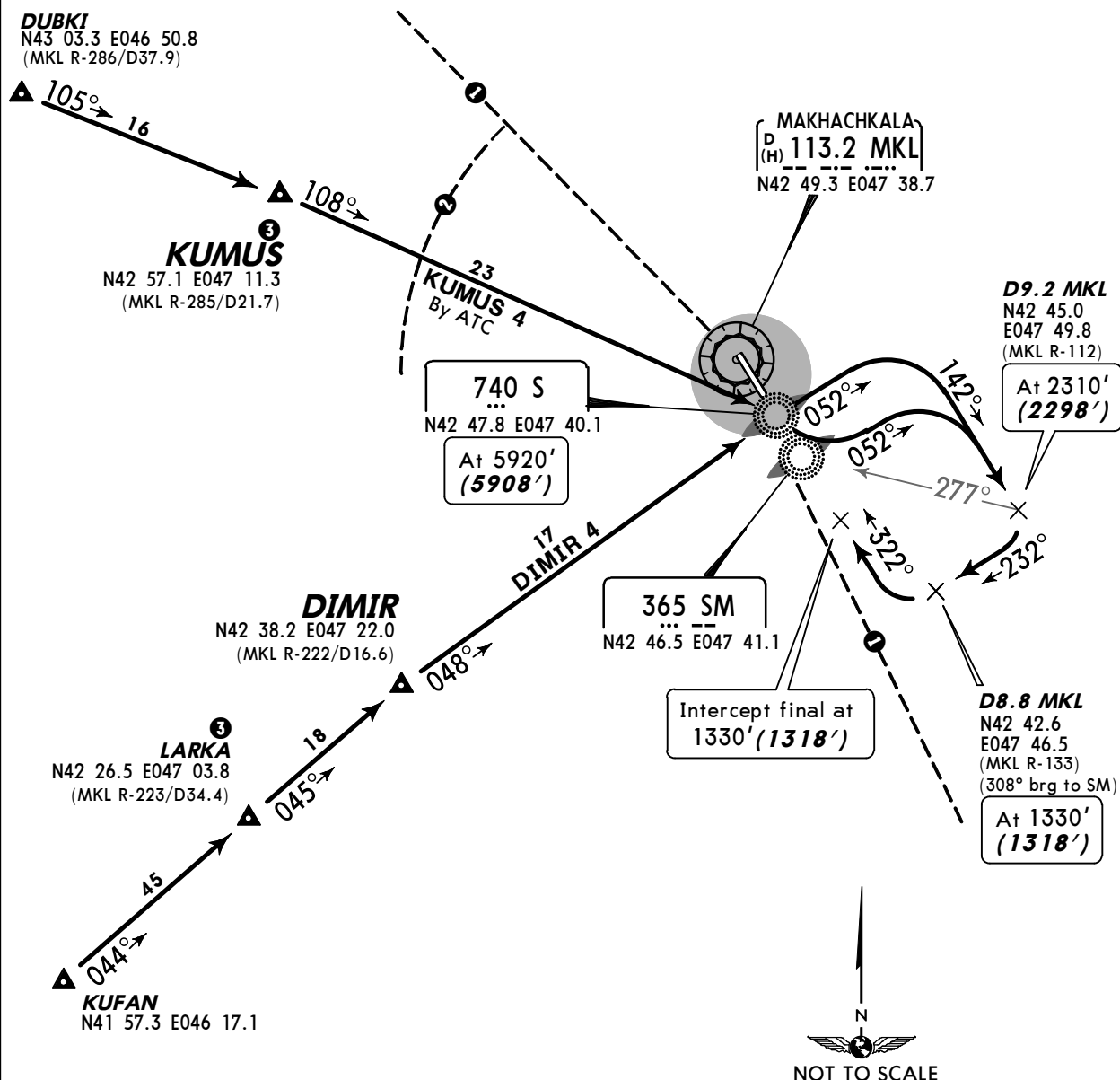
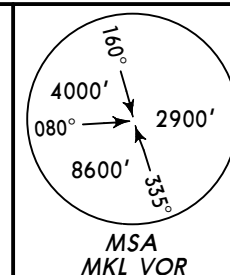
ALT/HEIGHT CONVERSION	
QNH	(QFE)
9860'	(9861' - 3000m)
6890'	(6891' - 2100m)
5910'	(5911' - 1800m)
2300'	(2301' - 700m)
1320'	1321' - 400m)

ATIS
125.47 (Russian 124.8)

Apt Elev
15'

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

**DIMIR 4
KUMUS 4
BY ATC
RWY 32 ARRIVALS**



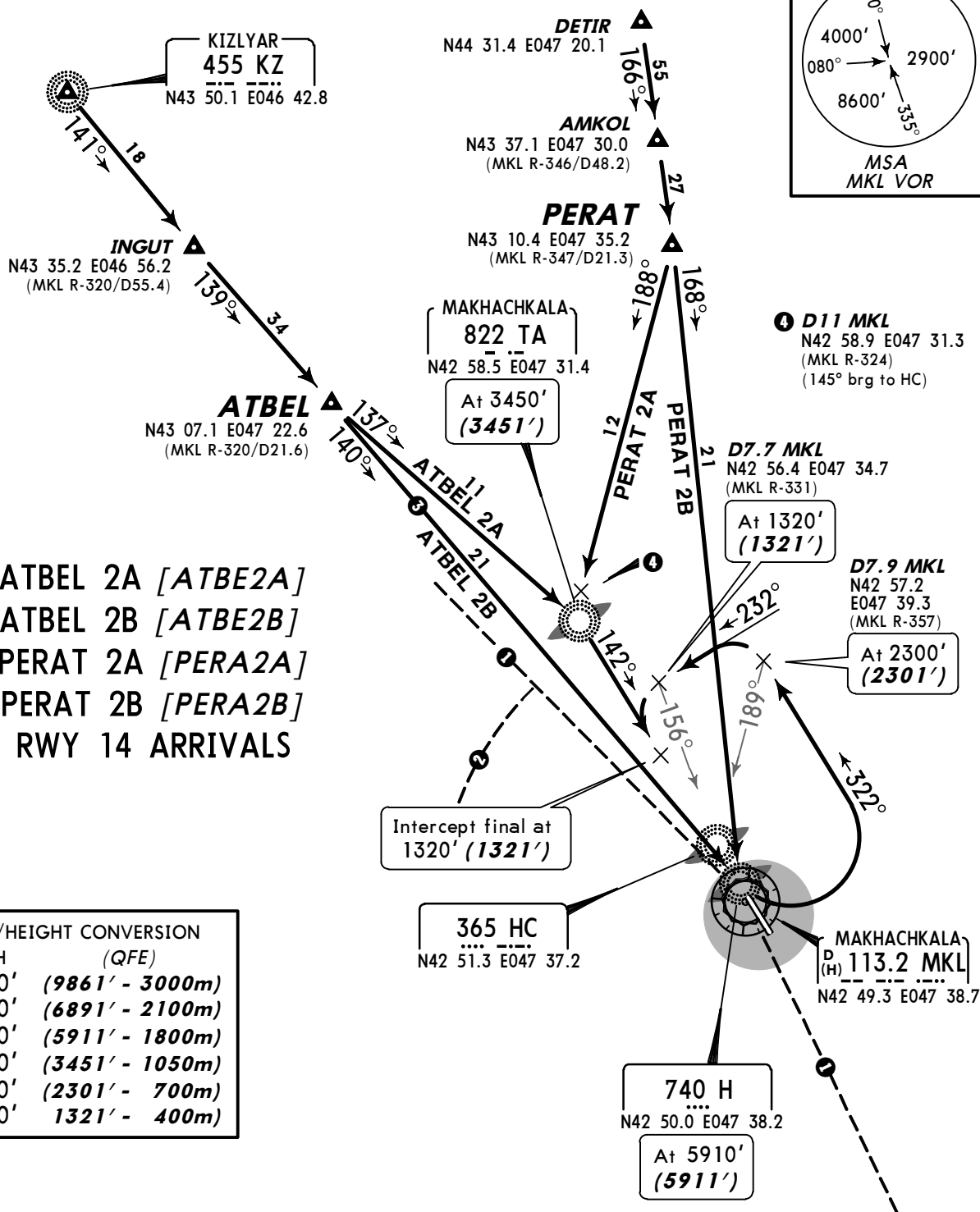
- ① MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5920' (5908').
- ② MKL 11.9 DME arc do not fly west below 6910' (6898').
- ③ Flights from LARKA, KUMUS are allowed under radar control and steady operation of airborne navigation equipment.

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 (QFE)
Trans level: FL110 Trans alt: 9860' (9861')
Crossings at airway exit points by ATC.



ALT/HEIGHT CONVERSION
QNH (QFE)

9860'	(9861' - 3000m)
6890'	(6891' - 2100m)
5910'	(5911' - 1800m)
3450'	(3451' - 1050m)
2300'	(2301' - 700m)
1320'	(1321' - 400m)

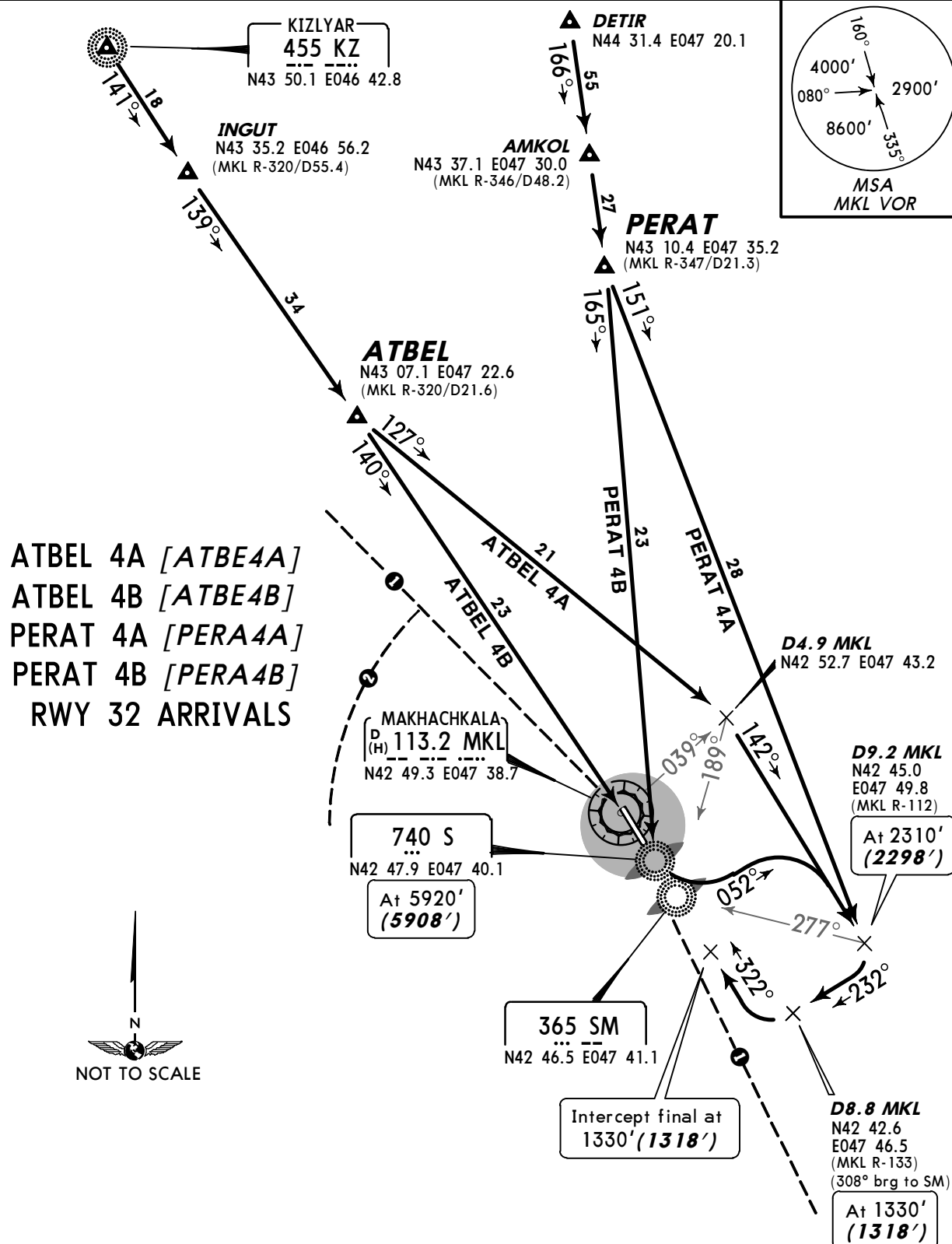


- 1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5910' (5911').
- 2 MKL 11.9 DME arc do not fly west below 6890' (6891').
- 3 Available when TA u/s.

ATIS
125.47 (Russian 124.8)

Apt Elev
15'

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

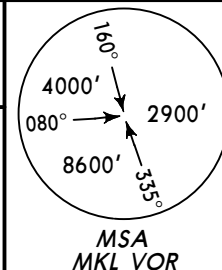


- 1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5920' (5908').
- 2 MKL 11.9 DME arc do not fly west below 6910' (6898').

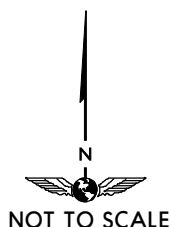
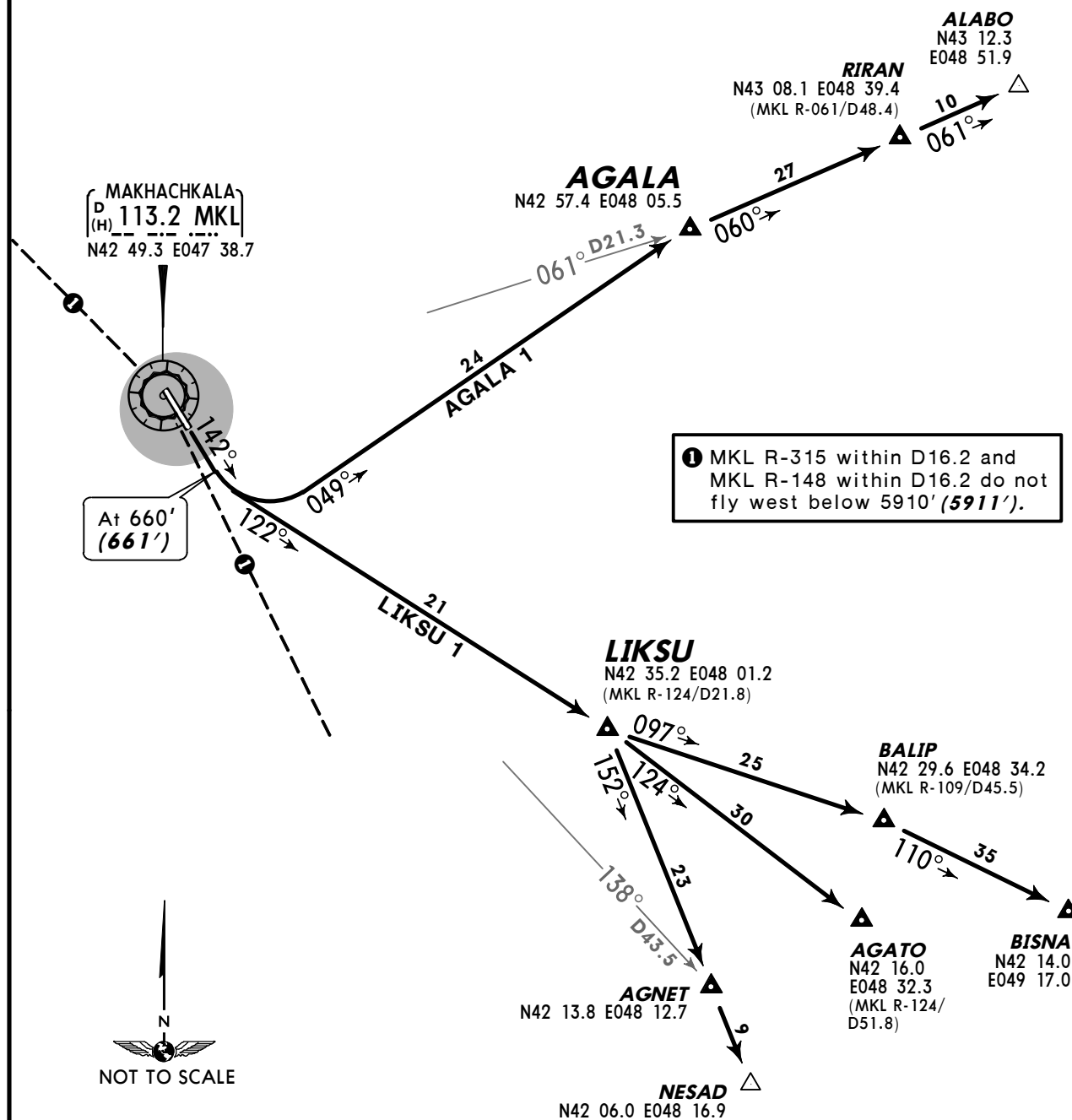
ALT/HEIGHT CONVERSION	
QNH	(QFE)
9860'	(9848' - 3000m)
6910'	(6898' - 2100m)
5920'	(5908' - 1800m)
2310'	(2298' - 700m)
1330'	(1318' - 400m)

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)

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

AGALA 3
25
073°
142°
061° D21.3

D5 MKL
N42 50.2 E047 45.4

LIKSU 3
19
136°
124° D21.8

LIKSU
N42 35.2 E048 01.2

AGNET
N42 13.8 E048 12.7

NESAD
N42 06.0 E048 16.9

BALIP
N42 29.6 E048 34.2
(MKL R-109/D45.5)

AGATO
N42 16.0 E048 32.3

BISNA
N42 14.0
E049 17.0

MAKHACHKALA
DME
113.2 MKL
N42 49.3 E047 38.7

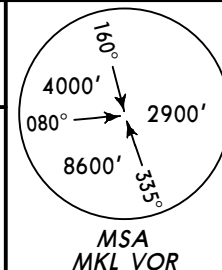
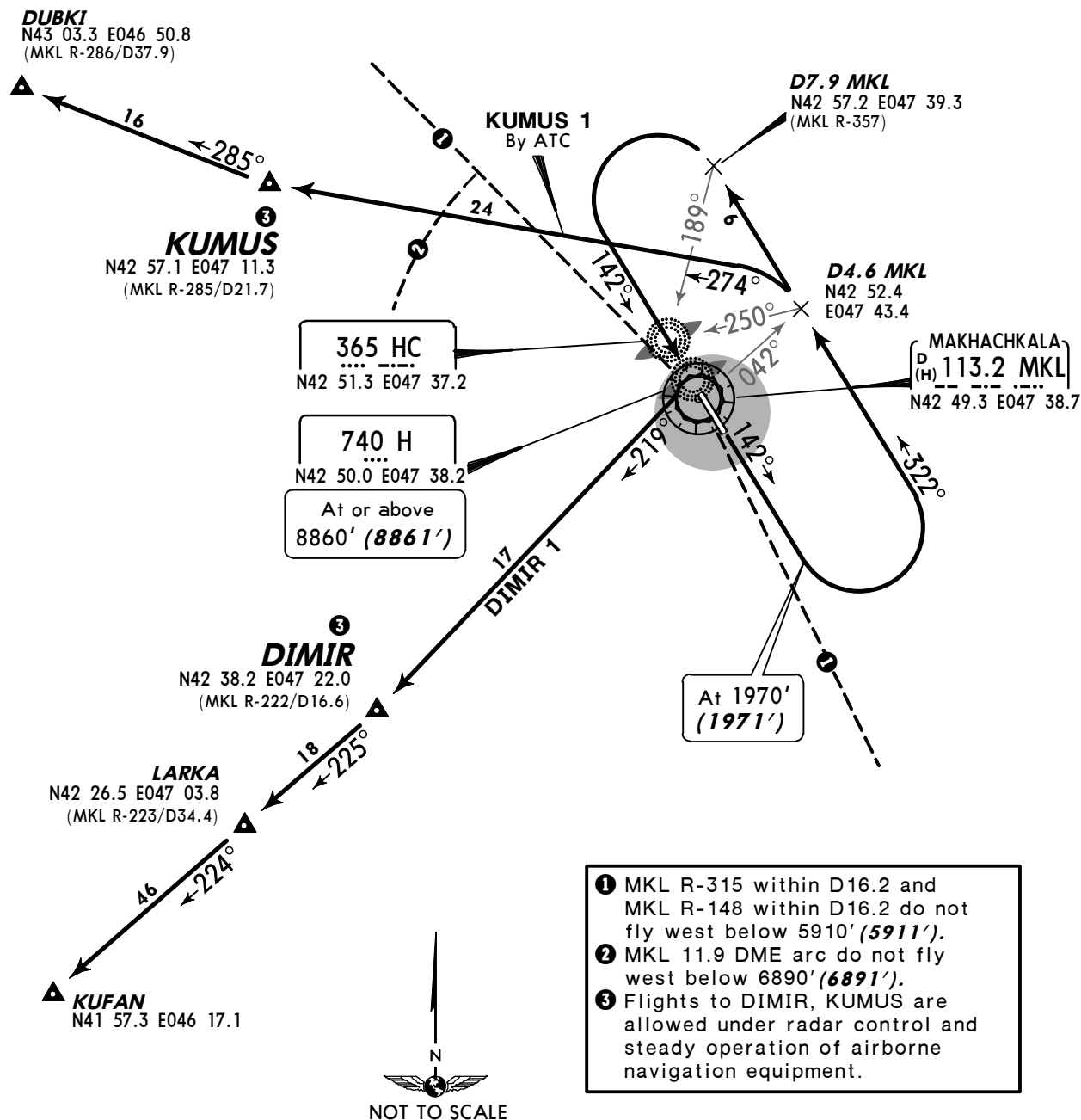
365 SM
N42 46.5 E047 41.1

At 670' (658')

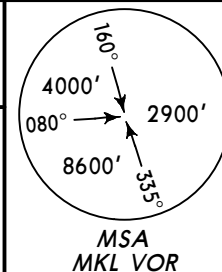
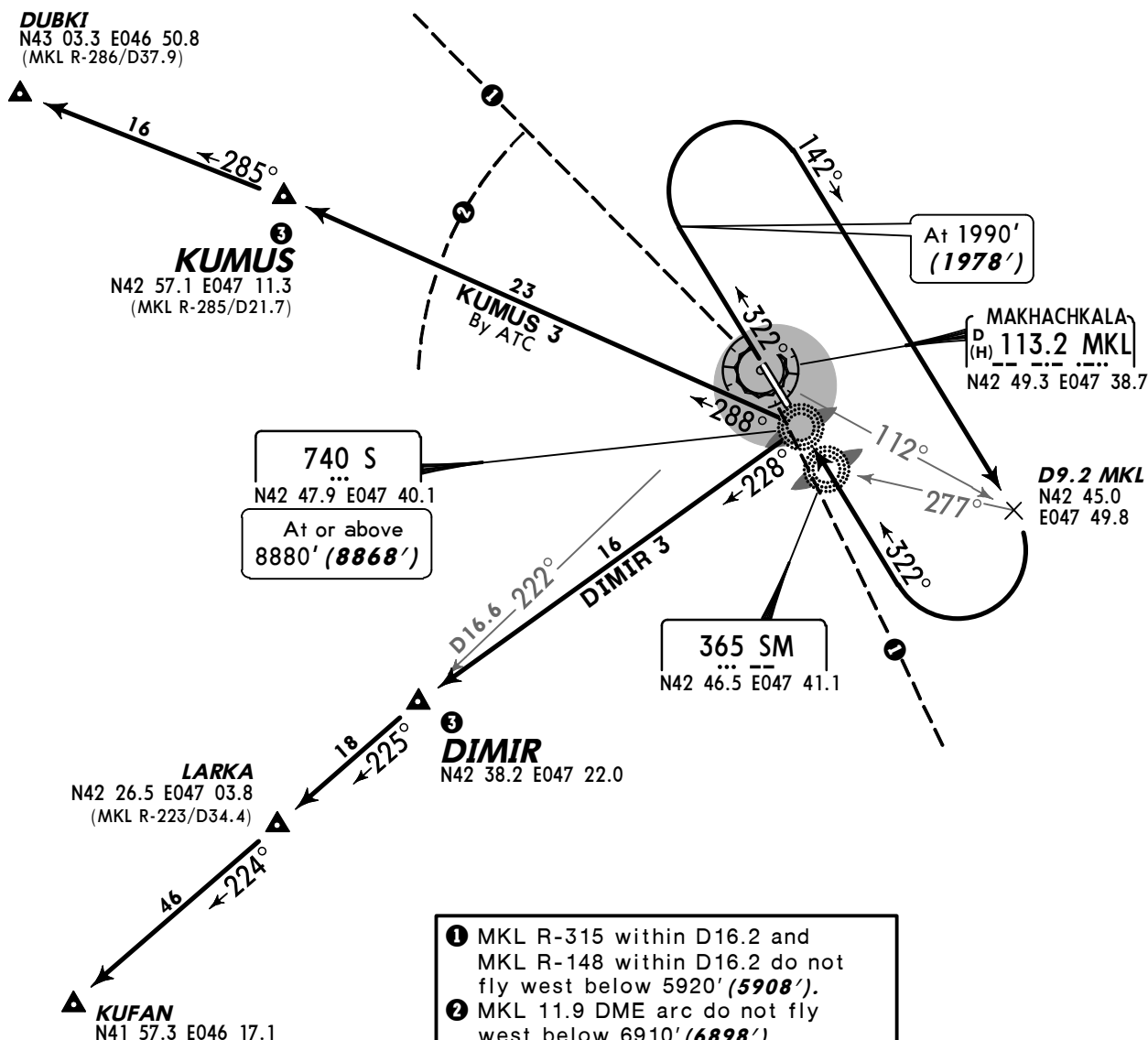
NOT TO SCALE

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

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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

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

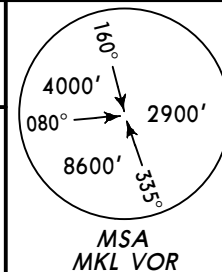
Apt Elev
15'QNH on request (QFE)
Trans level: FL110 Trans alt: 9860' (9848')
Crossings at airway entry points by ATC.DIMIR 3
KUMUS 3
BY ATC
RWY 32 DEPARTURES

- 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.

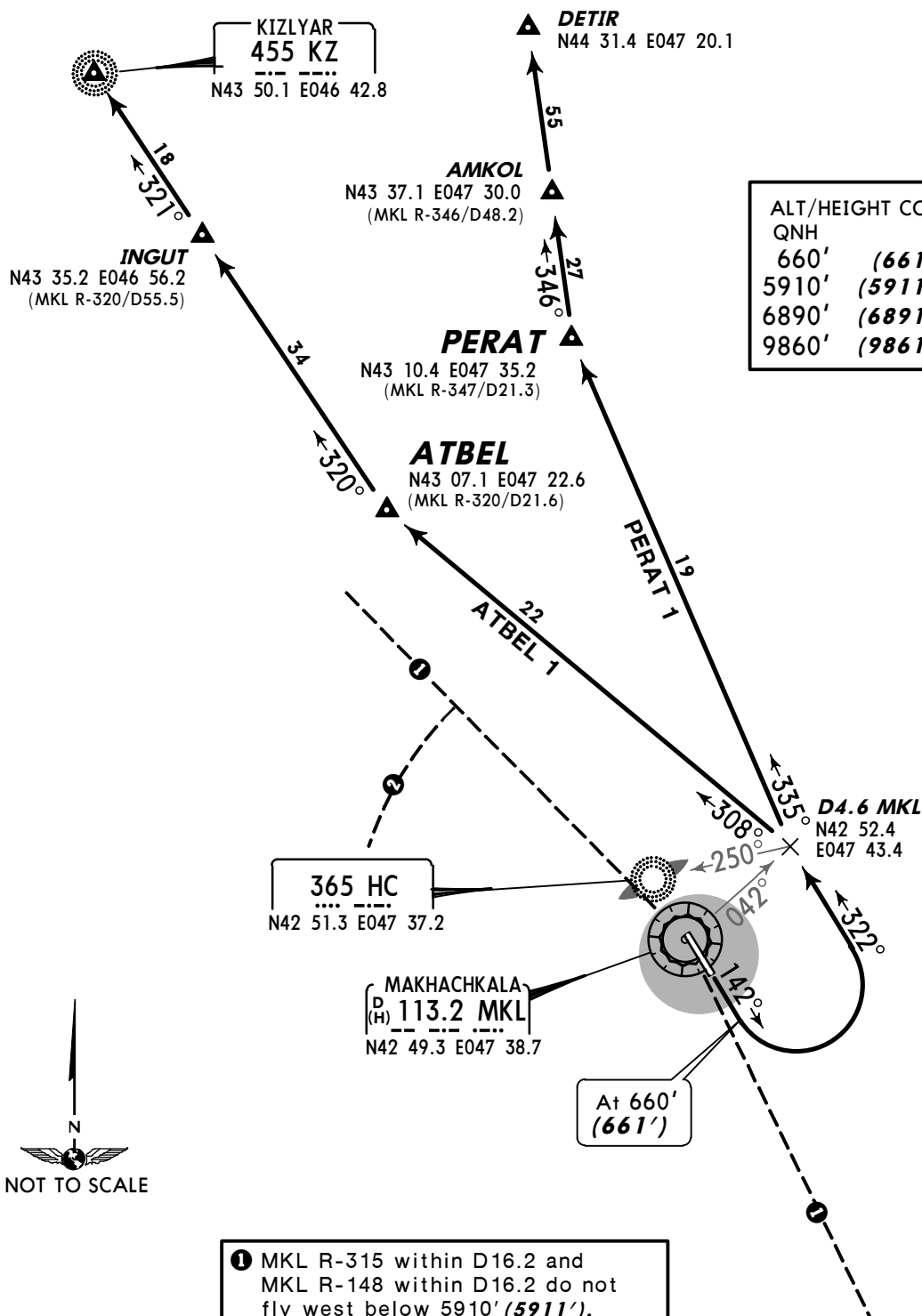
ALT/HEIGHT CONVERSION	
QNH	(QFE)
1990'	(1978' - 600m)
5920'	(5908' - 1800m)
6910'	(6898' - 2100m)
8880'	(8868' - 2700m)
9860'	(9848' - 3000m)

Apt Elev
15'

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



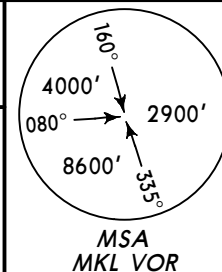
ATBEL 1 PERAT 1 RWY 14 DEPARTURES



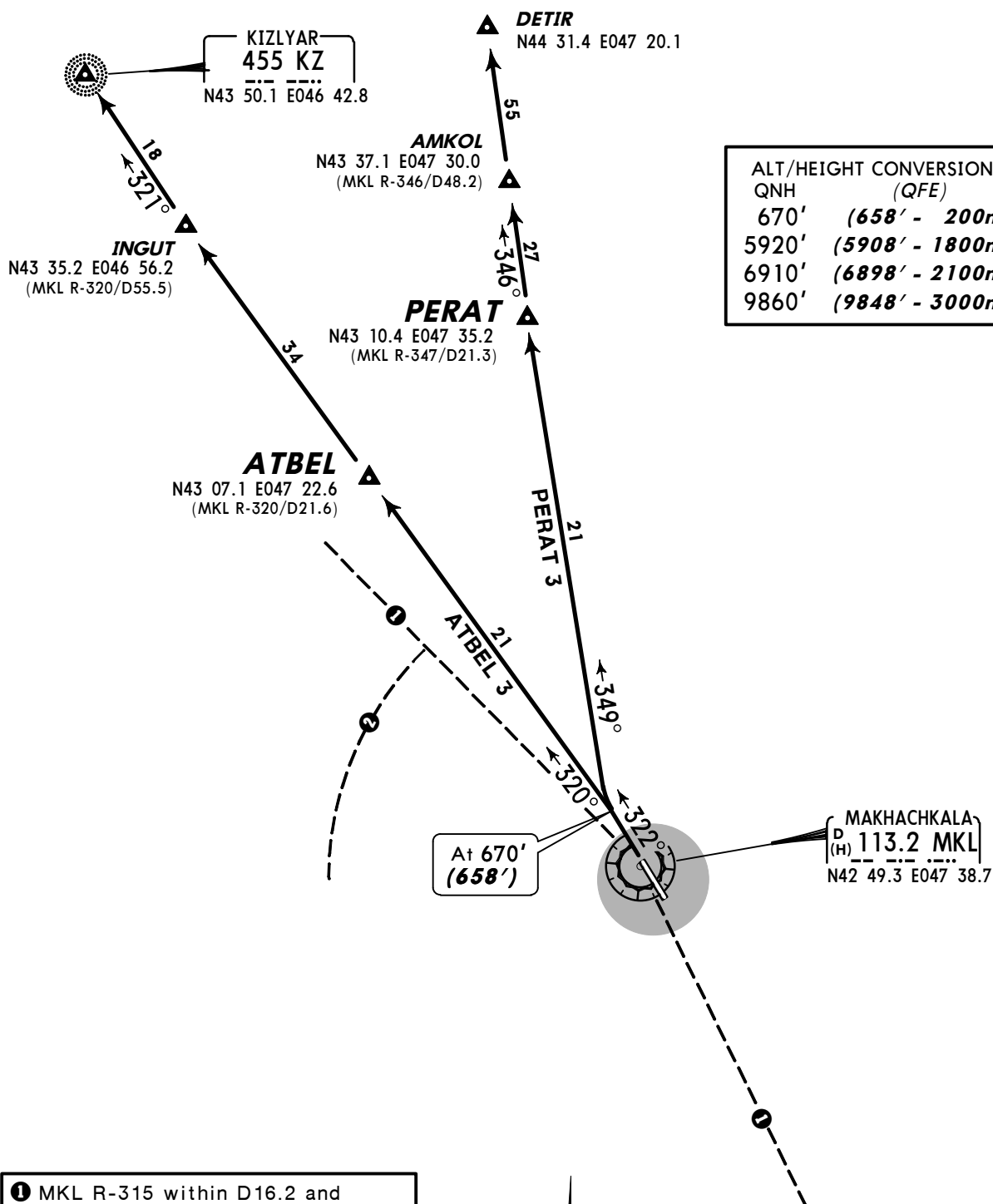
- 1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5910' (5911').
- 2 MKL 11.9 DME arc do not fly west below 6890' (6891').

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



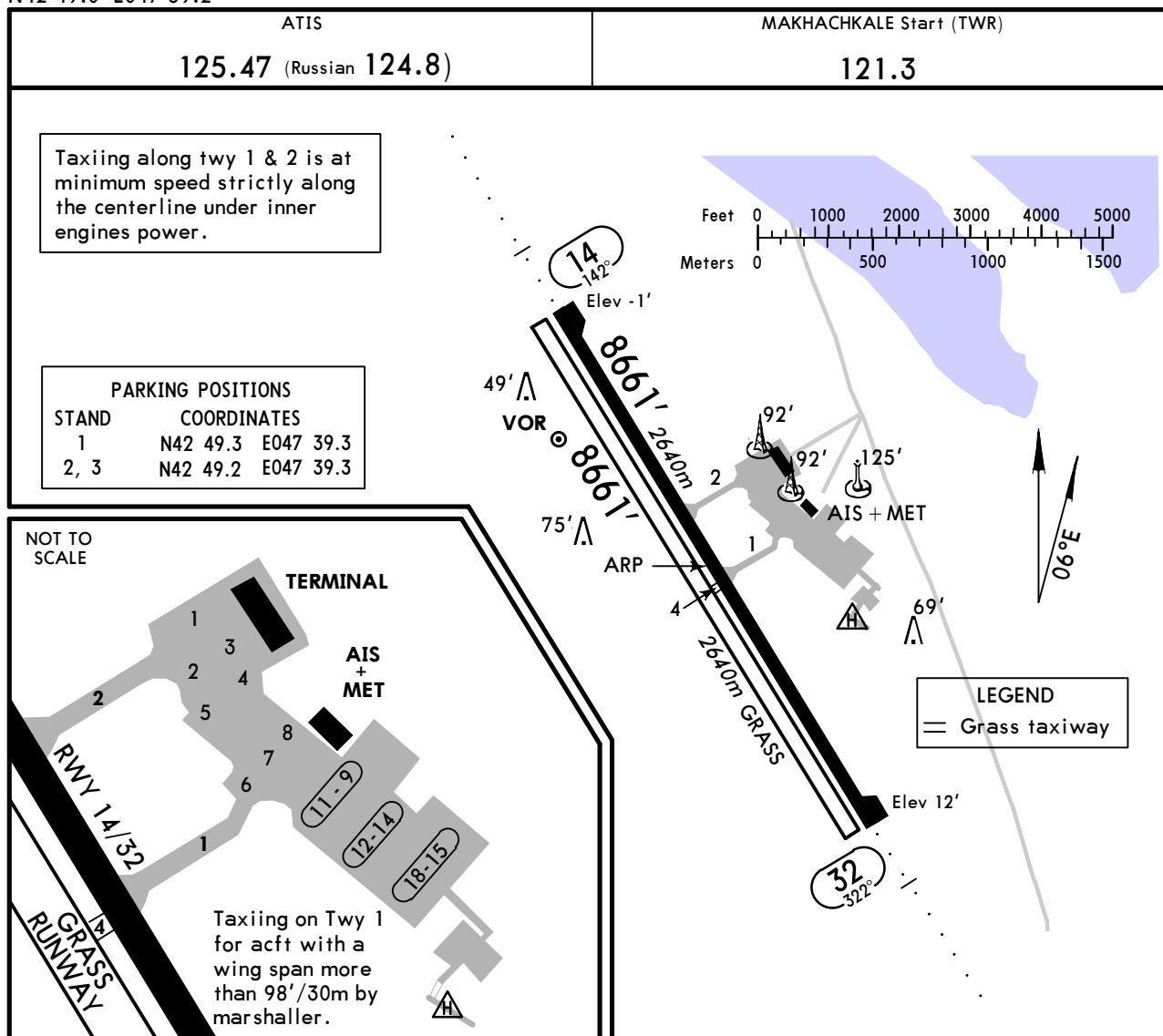
- 1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5920' (5908').
- 2 MKL 11.9 DME arc do not fly west below 6910' (6898').



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		TAKE-OFF	WIDTH
				LANDING BEYOND			
				Threshold	Glide Slope		
14	32	RL (60m) ALS	RVR		7628' 2325m 7932' 2418m	①	138' 42m
14	32	Grass runway					230' 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
C	
D	300m
	400m

CHANGES: ATIS frequency. Apron.

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STRAIGHT-IN RWY		A	B	C	D
14	ILS	199'(200') R1000m	199'(200') R1000m	229'(230') R1000m	229'(230') R1000m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ❶	330'(331') R1300m	330'(331') R1300m	330'(331') R1300m	400'(401') R1700m
	ALS out	R1500m	R1500m	R1500m	R1900m
32	ILS	212'(200') R1000m	212'(200') R1000m	242'(230') R1000m	242'(230') R1000m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ❶	350'(338') R1300m	350'(338') R1300m	350'(338') R1300m	410'(398') 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') ^❷ ceiling 300m- V1600m	530'(515') ^❷ ceiling 300m- V2500m	660'(645') ^❸ ceiling 350m- V3000m	720'(705') ^❸ ceiling 350m- V4000m
After apch to rwy 32	540'(525') ^❷ ceiling 300m- V1600m	540'(525') ^❷ ceiling 300m- V2500m	670'(655') ^❸ ceiling 350m- V3000m	720'(705') ^❸ ceiling 350m- V4000m

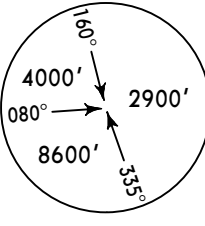
❷ From CRP AGALA: V5000m.

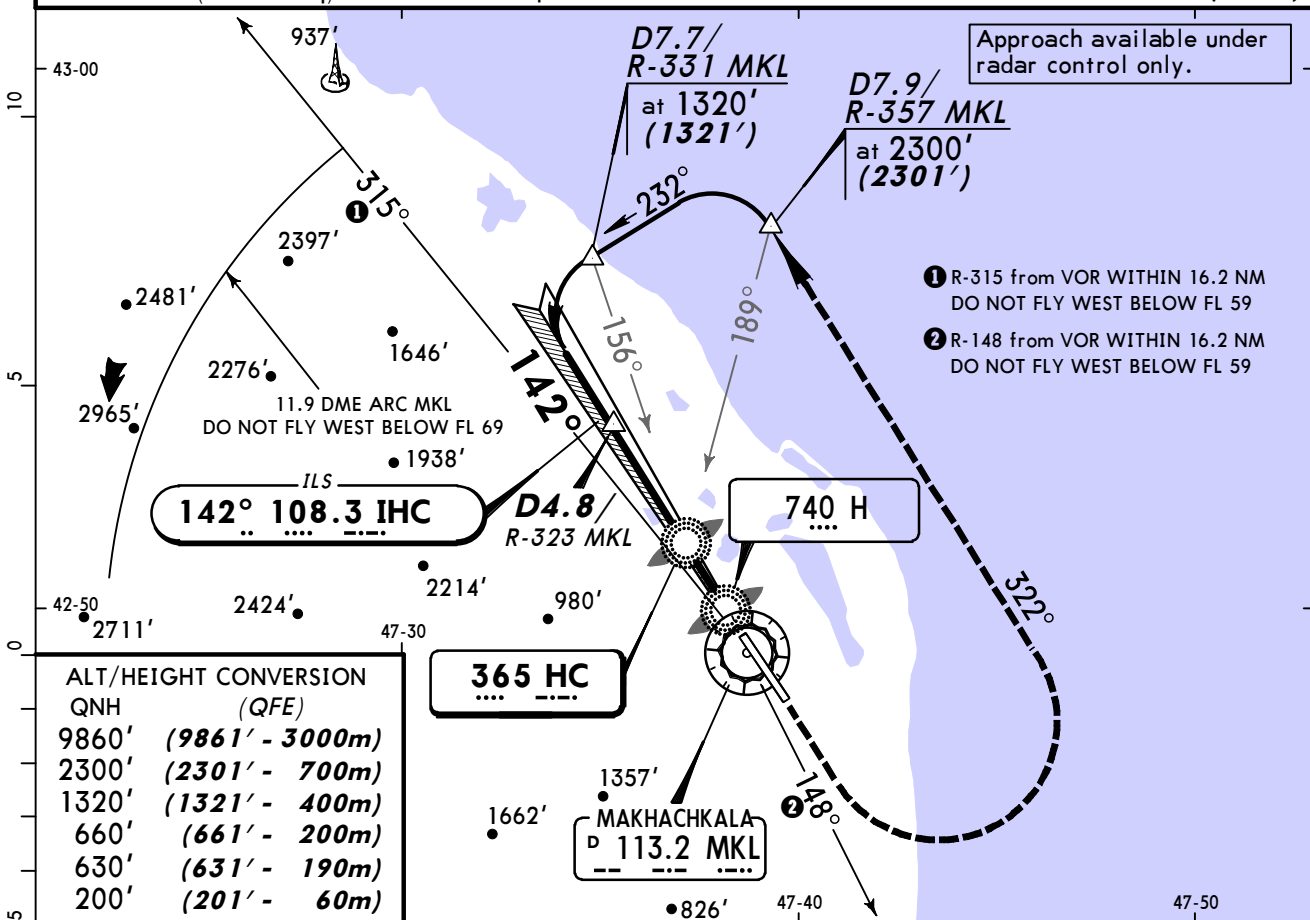
❸ From CRP AGALA: V7000m.

TAKE-OFF RWY 14, 32

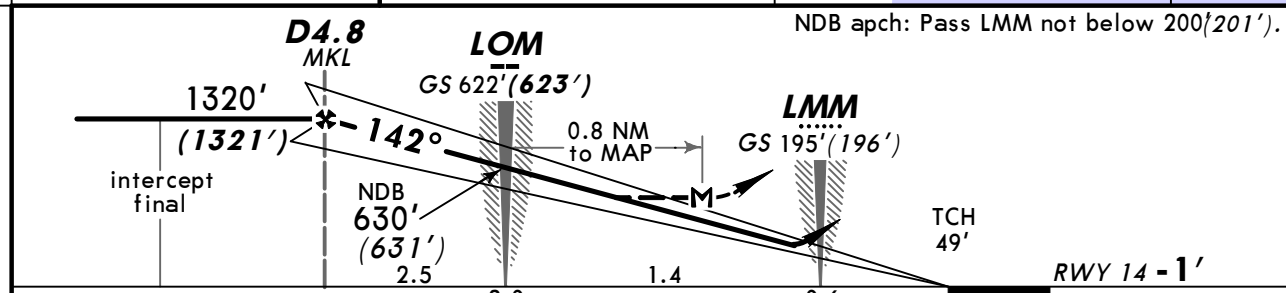
LVP must be in Force			
	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

BRIEFING STRIP

ATIS		MAKHACHKALA Approach (R)		MAKHACHKALA Krug (SRE)		MAKHACHKALA Start (TWR)		
125.47 (Russian 124.8)		119.7		121.3		121.3		
LOC IHC 108.3	Final Apch Crs 142°	GS LOM 622' (623')	ILS DA(H) Refer to Minimums	Apt Elev 15' RWY -1' (BELOW SEA LEVEL)				
NDB HC 365		Minimum Alt D4.8 MKL 1320' (1321')	NDB MDA(H) Refer to Minimums					
MISSED APCH: Climb on 142° to 660' (661'), then turn LEFT onto 322° climbing to 2300' (2301'), then according to chart.							MSA MKL VOR	
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 110			Trans alt: 9860' (9861')	



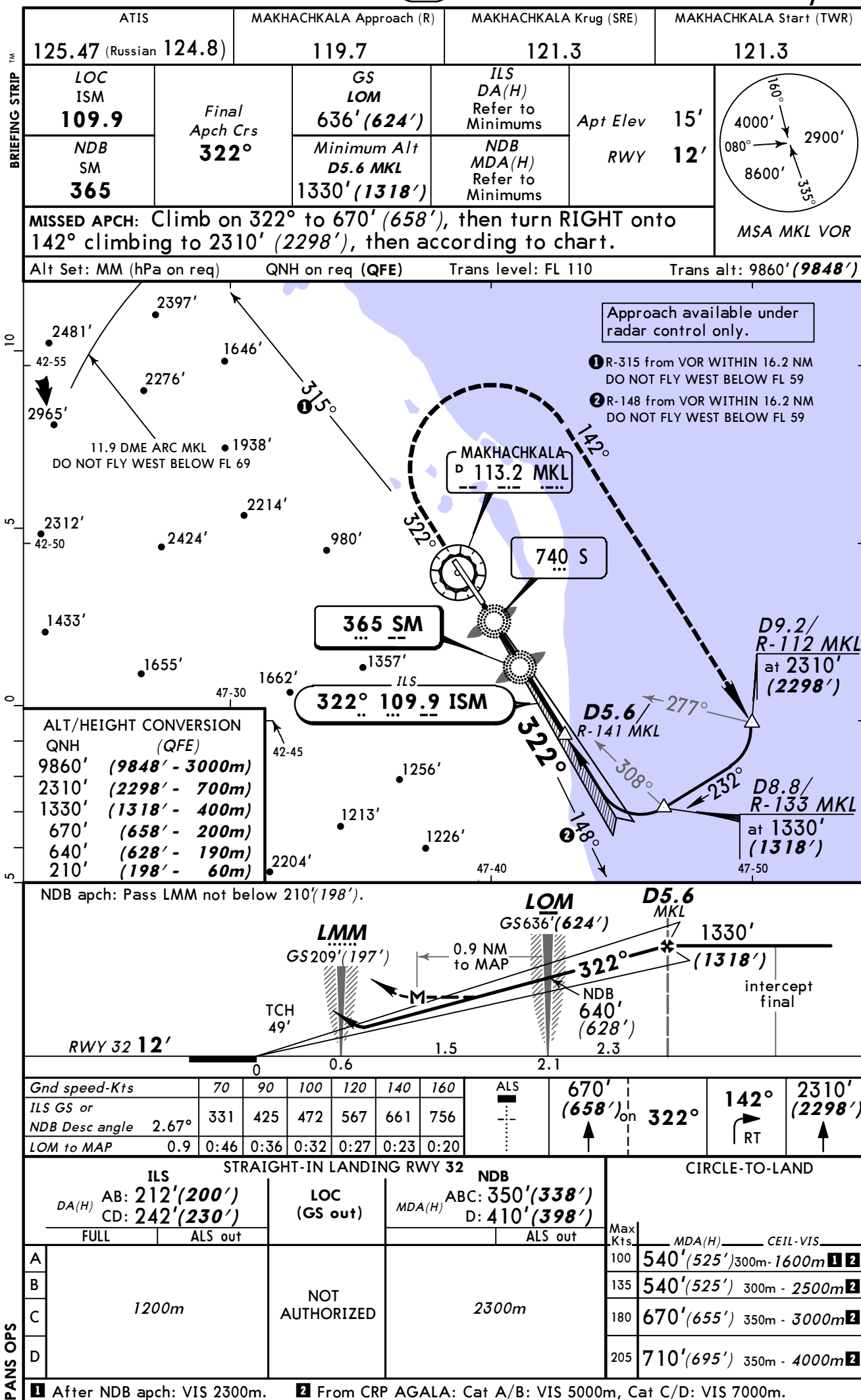
ALT/HEIGHT CONVERSION	
QNH	(QFE)
9860'	(9861' - 3000m)
2300'	(2301' - 700m)
1320'	(1321' - 400m)
660'	(661' - 200m)
630'	(631' - 190m)
200'	(201' - 60m)



Gnd speed-Kts	70	90	100	120	140	160	ALS	660' (661') on 142°	322° LT	2300' (2301')
ILS GS or NDB Desc angle 2.67°	331	425	472	567	661	756	---			
LOM to MAP	0.8	0:41	0:32	0:29	0:24	0:21	0:18			

STRAIGHT-IN LANDING RWY 14										CIRCLE-TO-LAND			
ILS					LOC		NDB						
DA(H) AB: 199'(200')					(GS out)		MDA(H) ABC: 330'(331')			Max Kts	MDA(H) CEIL-VIS		
CD: 229'(230')							D: 400'(401')						
FULL					ALS out		ALS out						
A	1200m				NOT AUTHORIZED		2200m			100	530'(515') 300m - 1600m 1 2		
B										135	530'(515') 300m - 2500m 2		
C										180	660'(645') 350m - 3000m 2		
D										205	710'(695') 350m - 4000m 2		

1 After NDB apch: VIS 2200m. **2** From CRP AGALA: Cat A/B: VIS 5000m, Cat C/D: VIS 7000m.



MAKHACHKALA, (UYTASH - URML)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport URML