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JEPPESEN
JeppView for Windows

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General Information

Location: Yaroslavl Rus
IATA Code: IAR
Lat/Long: N57° 33.6' E040° 09.4'
Elevation: 305 ft

Airport Use: Public
Magnetic Variation: 12.0°E

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

Sunrise: 0207 Z
Sunset: 1636 Z,

Runway Information

Runway: 05
Length x Width: 9843 ft x 144 ft
Surface Type: asphalt
TDZ-Elev: 286 ft
Lighting: Edge, ALS

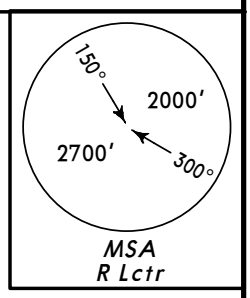
Runway: 23
Length x Width: 9843 ft x 144 ft
Surface Type: asphalt
TDZ-Elev: 301 ft
Lighting: Edge, ALS

Communication Information

ATIS 127.35
Yaroslavl Approach Control 120.3

*ATIS	Apt Elev	
127.35	305′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) and 724 mm (965.3 hPa) or above FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610′ ***(2325′)***

MAGOK 2, OGNAR 2
RWY 05 ARRIVALS



MAGOK
N58 02.6 E039 47.5
Between
FL100 & FL50

OGNAR
N58 00.3 E040 24.9
Between
FL100 & FL60

OLUGA
N58 02.6
E040 36.3

142°
6
237°
187°
31
MAGOK 2
25
OGNAR 2
N
NOT TO SCALE

*650 R
N57 34.2 E040 11.6

*315 RG
N57 35.0 E040 14.3
At 2610′
(2325′)

N57 30.6 E039 58.1
At 2260′
(1975′)

MEBIL
N57 28.9 E039 52.0
At 2610′
(2325′)

4
053°
046°
RG
3
215°
14
233°
16
N57 26.4
E039 50.5
At 2610′
(2325′)
3
323°
1
N57 24.8 E039 54.8
(035° brg to RG)
At 2610′
(2325′)
N57 25.1 E039 55.4
At 2610′
(2325′)

Direct distance from
N57 30.6 E039 58.1 to:
Tunoshna Apt 7 NM

ALT/HEIGHT CONVERSION		
QNH	*(QFE)*	
2610′	***(2325′***	***- 700m)***
2260′	***(1975′***	***- 600m)***

CHANGES: None.

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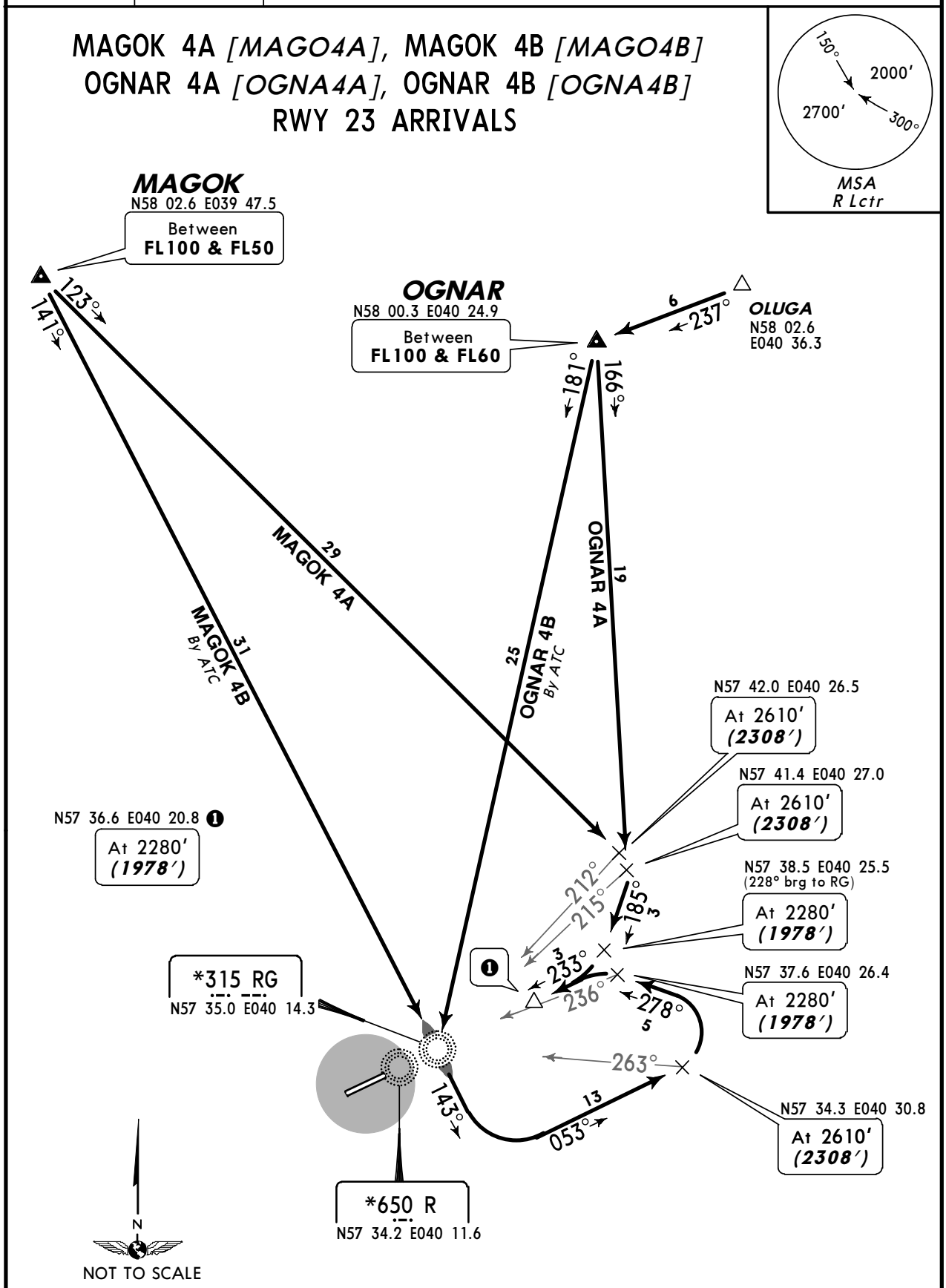
*ATIS	Apt Elev	
127.35	305′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) and 724 mm (965.3 hPa) or above FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610′ ***(2308′)***

MAGOK 4A *[MAGO4A]*, MAGOK 4B *[MAGO4B]*
OGNAR 4A *[OGNA4A]*, OGNAR 4B *[OGNA4B]*
RWY 23 ARRIVALS



Direct distance from
N57 36.6 E040 20.8 to:
Tunoshna Apt 7 NM

ALT/HEIGHT CONVERSION		
QNH	*(QFE)*	
2610′	***(2308′***	***- 700m)***
2280′	***(1978′***	***- 600m)***

CHANGES: STAR MAGOR 4B established.

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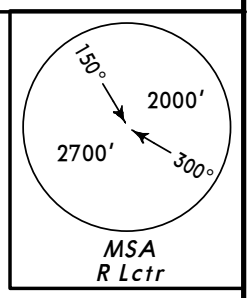
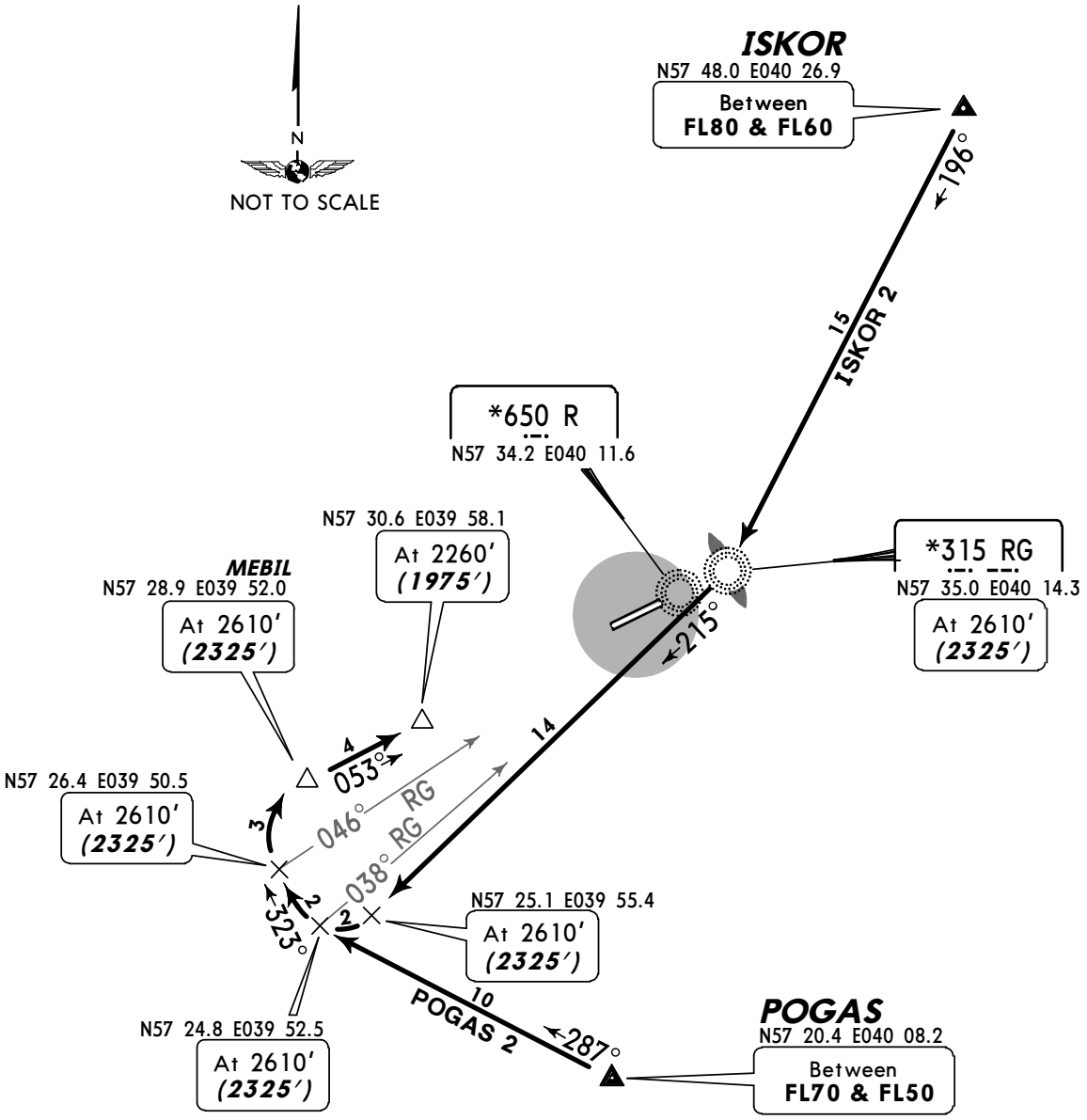
*ATIS	Apt Elev	
127.35	305′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) and 724 mm (965.3 hPa) or above FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610′ ***(2325′)***

ISKOR 2, POGAS 2
RWY 05 ARRIVALS





Direct distance from
N57 30.6 E039 58.1 to:
Tunoshna Apt 7 NM

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2610′	***(2325′ - 700m)***
2260′	***(1975′ - 600m)***

CHANGES: FL at ISKOR revised.

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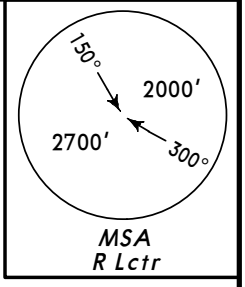
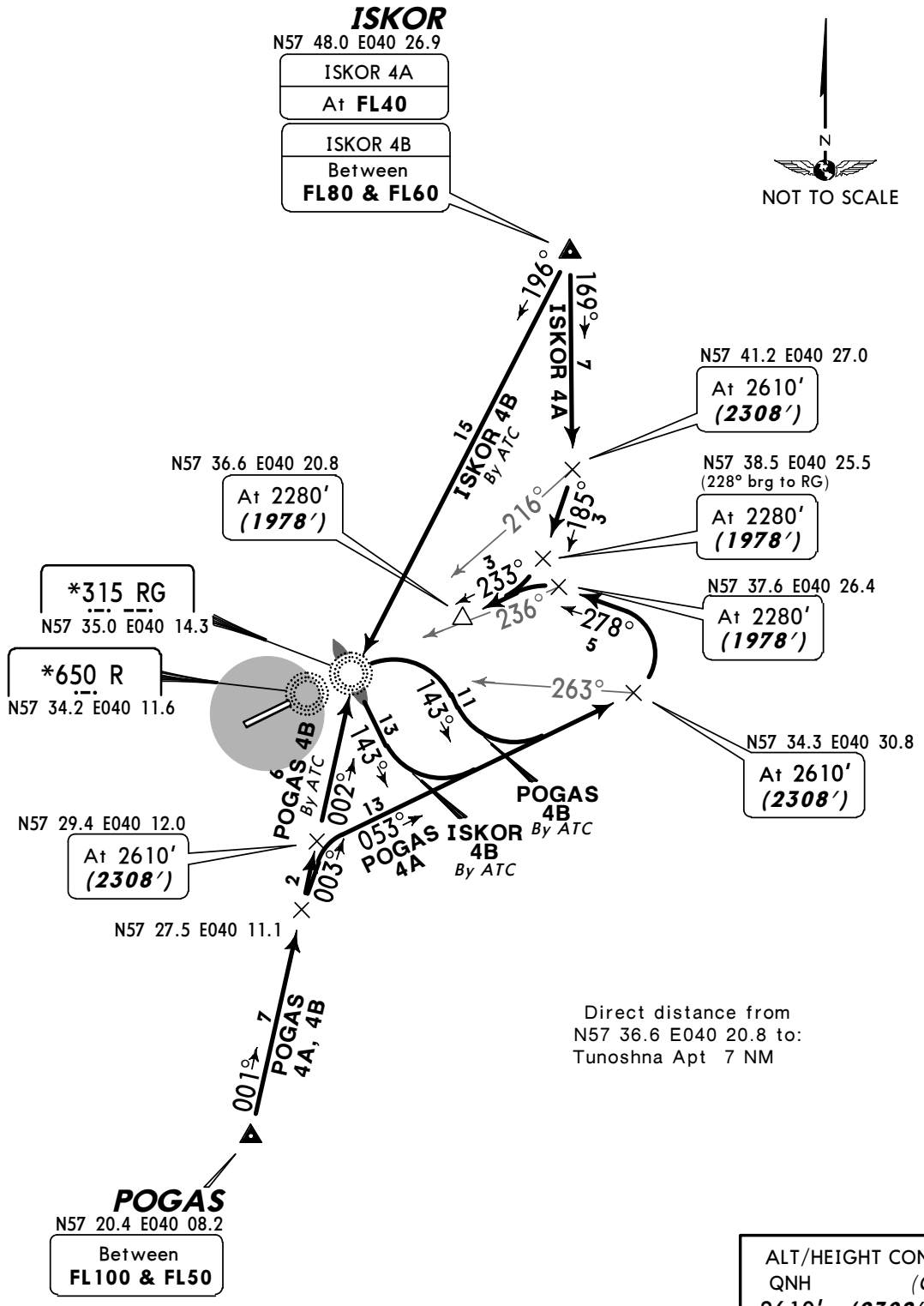
*ATIS	Apt Elev	
127.35	305′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) and 724 mm (965.3 hPa) or above FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610′ ***(2308′)***

ISKOR 4A *[ISKO4A]*, ISKOR 4B *[ISKO4B]*
POGAS 4A *[POGA4A]*, POGAS 4B *[POGA4B]*
RWY 23 ARRIVALS





Direct distance from
N57 36.6 E040 20.8 to:
Tunoshna Apt 7 NM

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2610′	***(2308′ - 700m)***
2280′	***(1978′ - 600m)***

CHANGES: FL at POGAS established.

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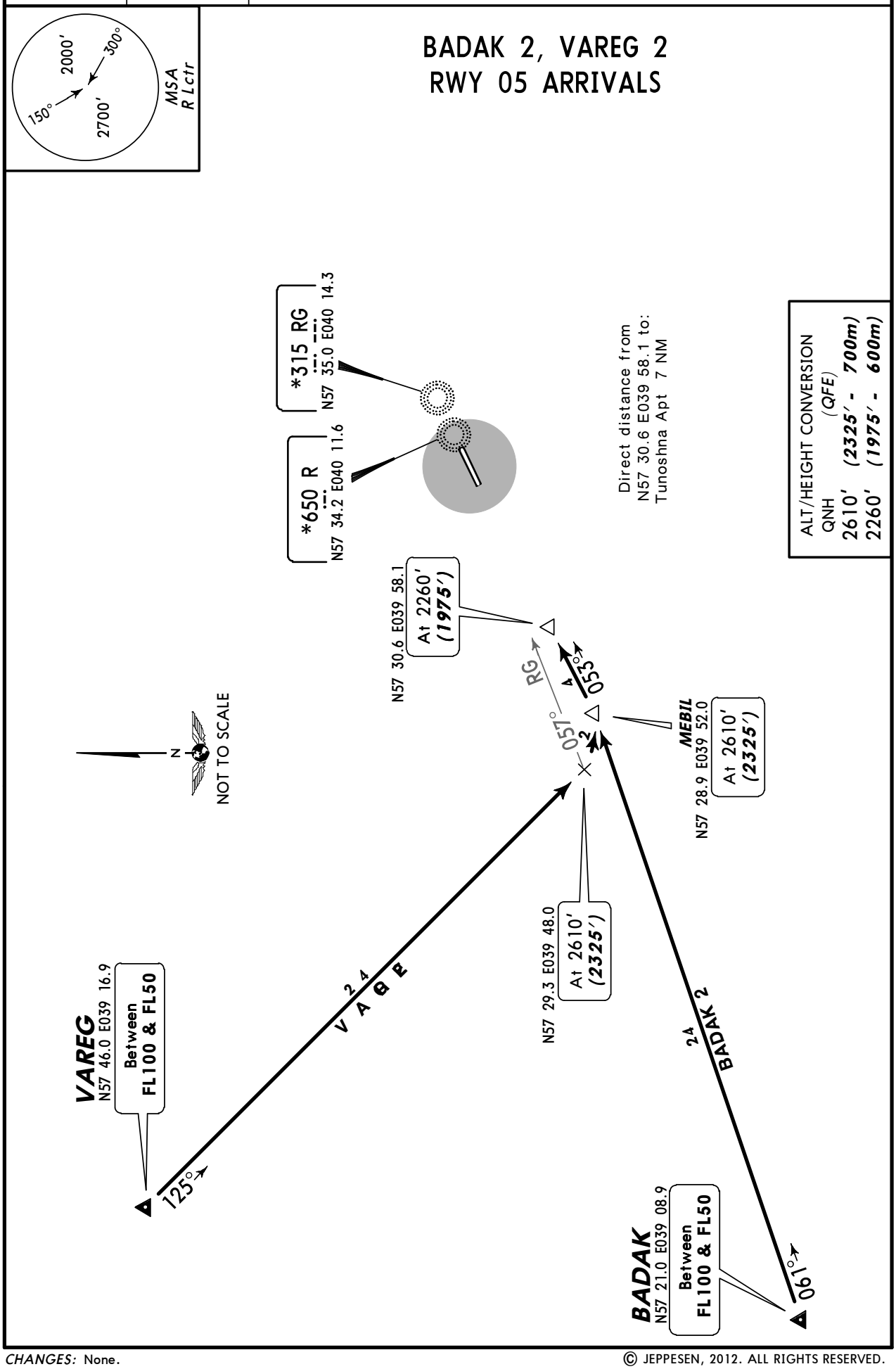
*ATIS	Apt Elev	
127.35	305′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) and 724 mm (965.3 hPa) or above FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610′ ***(2325′)***



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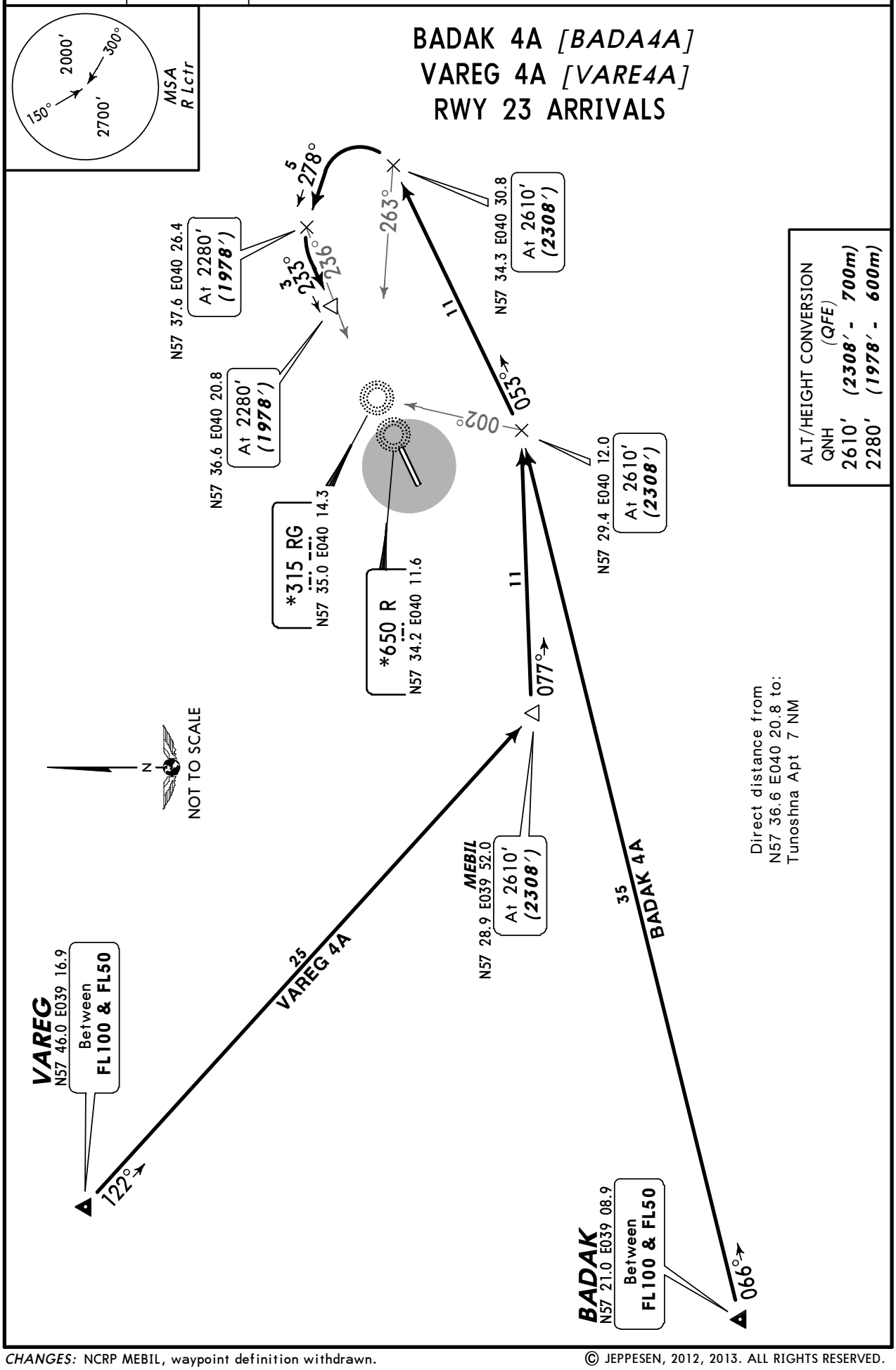
*ATIS	Apt Elev	
127.35	305′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) and 724 mm (965.3 hPa) or above FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610′ ***(2308′)***



CHANGES: NCRP MEBIL, waypoint definition withdrawn.

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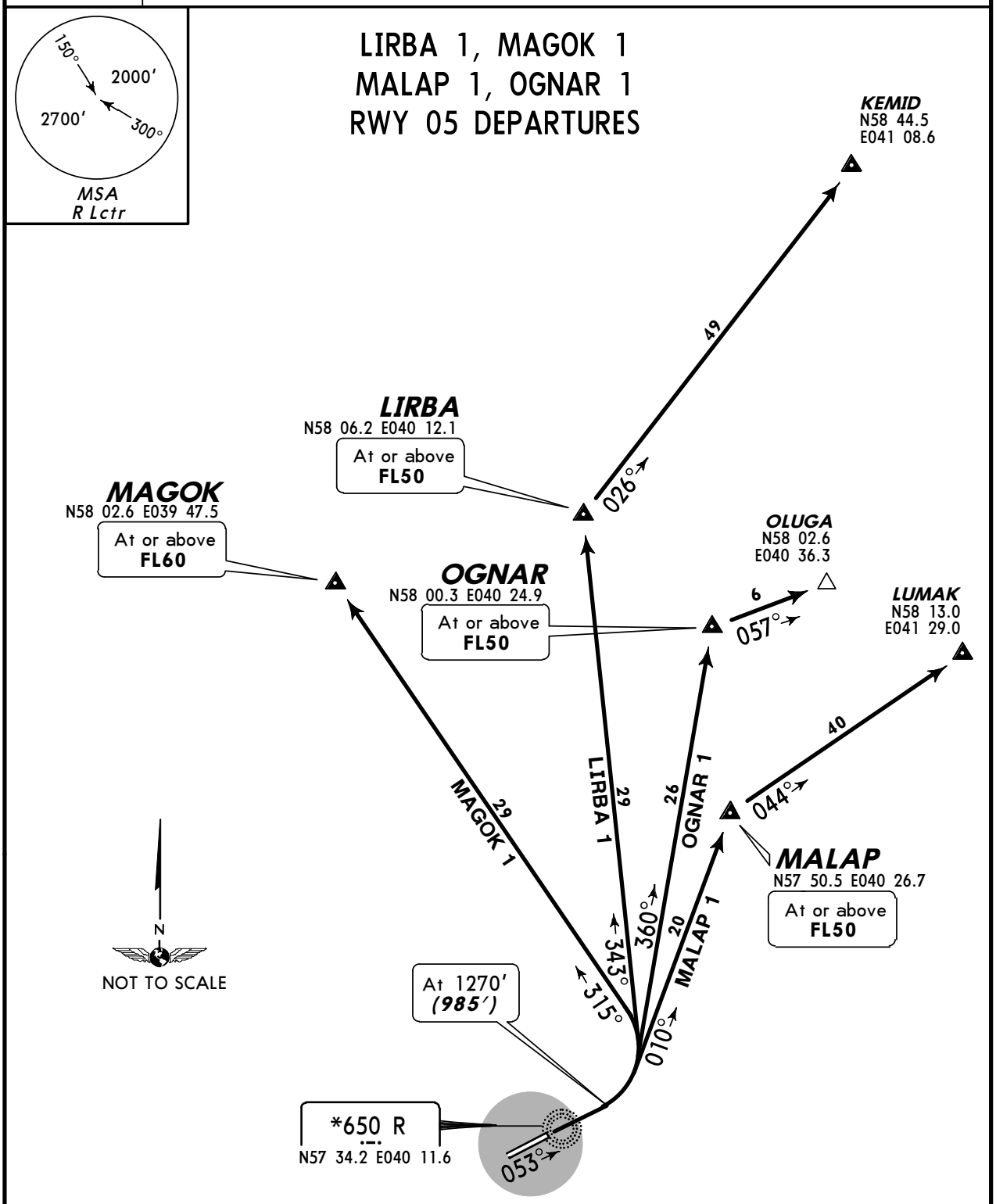
Apt Elev 305′	QNH on request **(QFE)** Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) and 724 mm (965.3 hPa) or above FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610′ ***(2325′)*** Flights over the city of Yaroslavl below FL100 are prohibited.

LIRBA 1, MAGOK 1
MALAP 1, OGNAR 1
RWY 05 DEPARTURES



MALAP 1

This SID requires a minimum climb gradient of 4.4%.

Gnd Speed-KT	75	100	150	200	250	300
4.4% V/V(fpm)	334	446	668	891	1114	1337

If unable to comply, advise ATC.

ALT/HEIGHT CONVERSION

QNH	(QFE)
1270′	***(985′ - 300m)***
2610′	***(2325′ - 700m)***

CHANGES: None.

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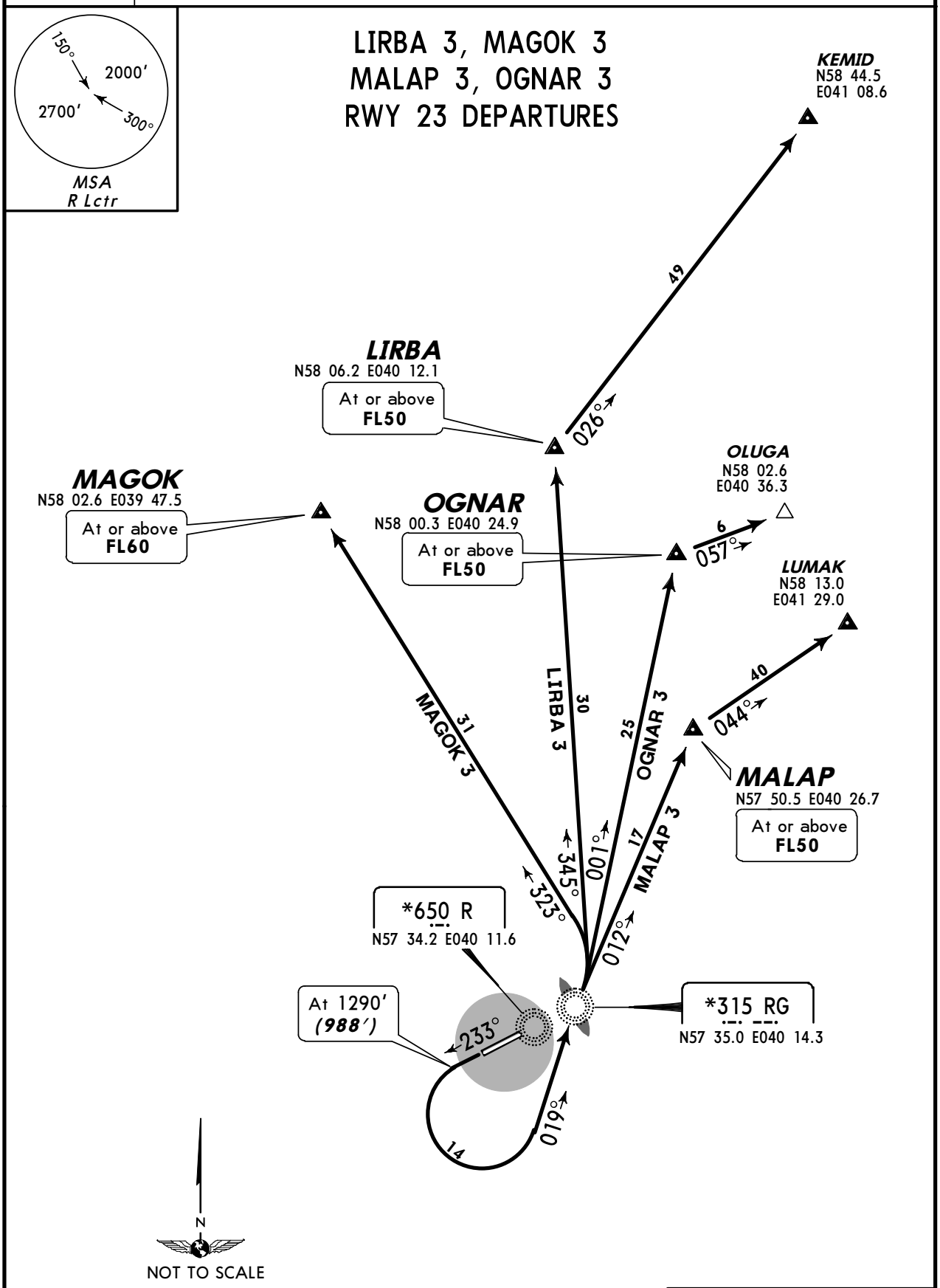
Apt Elev 305′	QNH on request **(QFE)** Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) and 724 mm (965.3 hPa) or above FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610′ ***(2308′)*** Flights over the city of Yaroslavl below FL100 are prohibited.

LIRBA 3, MAGOK 3 MALAP 3, OGNAR 3 RWY 23 DEPARTURES



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1290′	***(988′ - 300m)***
2610′	***(2308′ - 700m)***

CHANGES: Initial cilmb, bearing to RG established.

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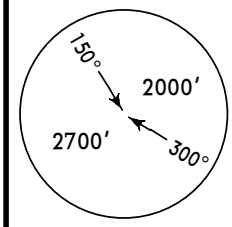
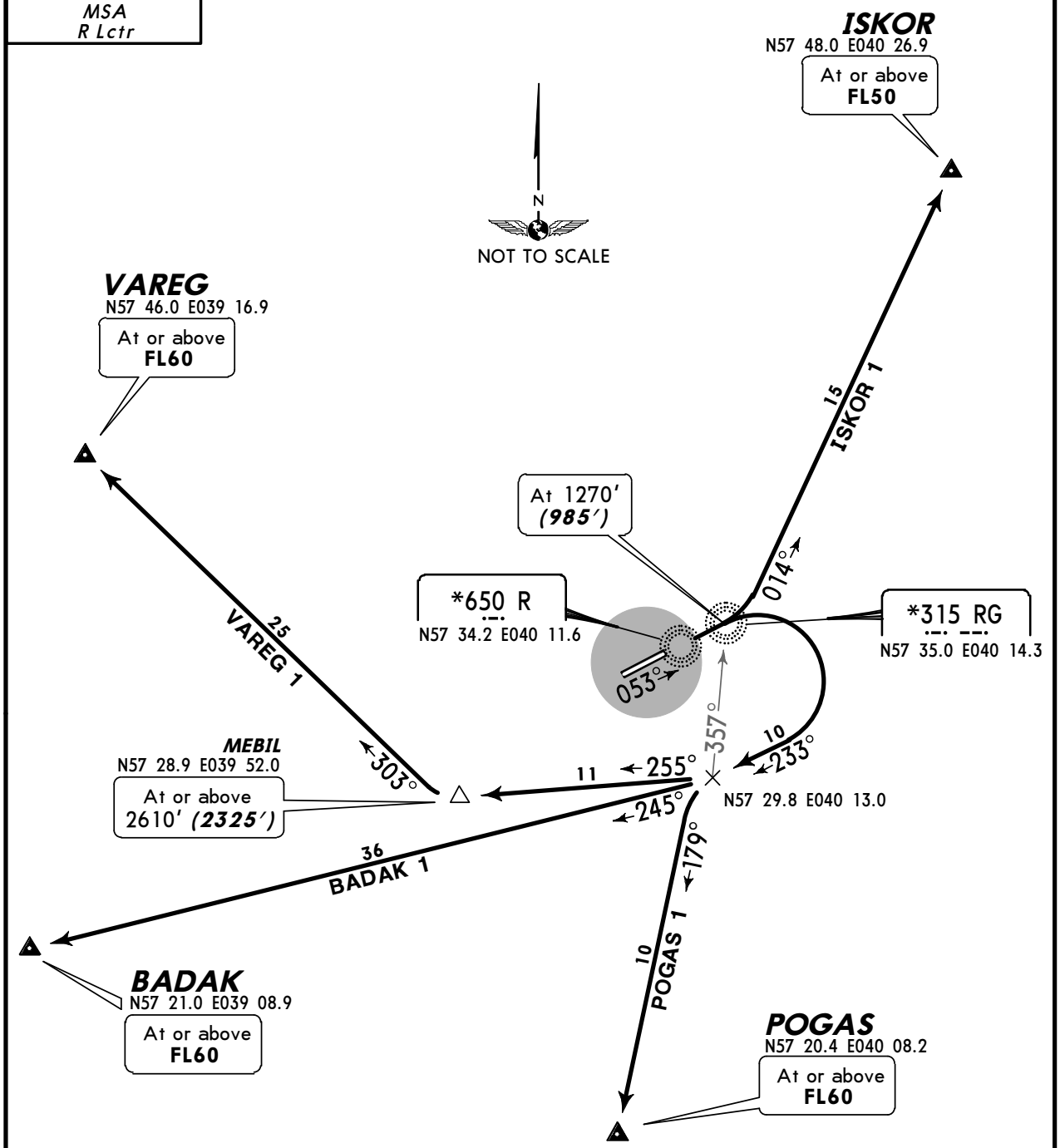
Apt Elev 305′	QNH on request **(QFE)** Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) and 724 mm (965.3 hPa) or above FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610′ ***(2325′)*** Flights over the city of Yaroslavl below FL100 are prohibited.

BADAK 1, ISKOR 1
POGAS 1, VAREG 1
RWY 05 DEPARTURES



MSA
R Lctr



These SIDs require a minimum climb gradient of
ISKOR 1: 4.4%.
POGAS 1: 3.4%.

Gnd Speed-KT	75	100	150	200	250	300
3.4% V/V(fpm)	258	344	516	689	861	1033
4.4% V/V(fpm)	334	446	668	891	1114	1337

If unable to comply, advise ATC.

ALT/HEIGHT CONVERSION

QNH	(QFE)
1270′	***(985′ - 300m)***
2610′	***(2325′ - 700m)***

CHANGES: Climb gradients established.

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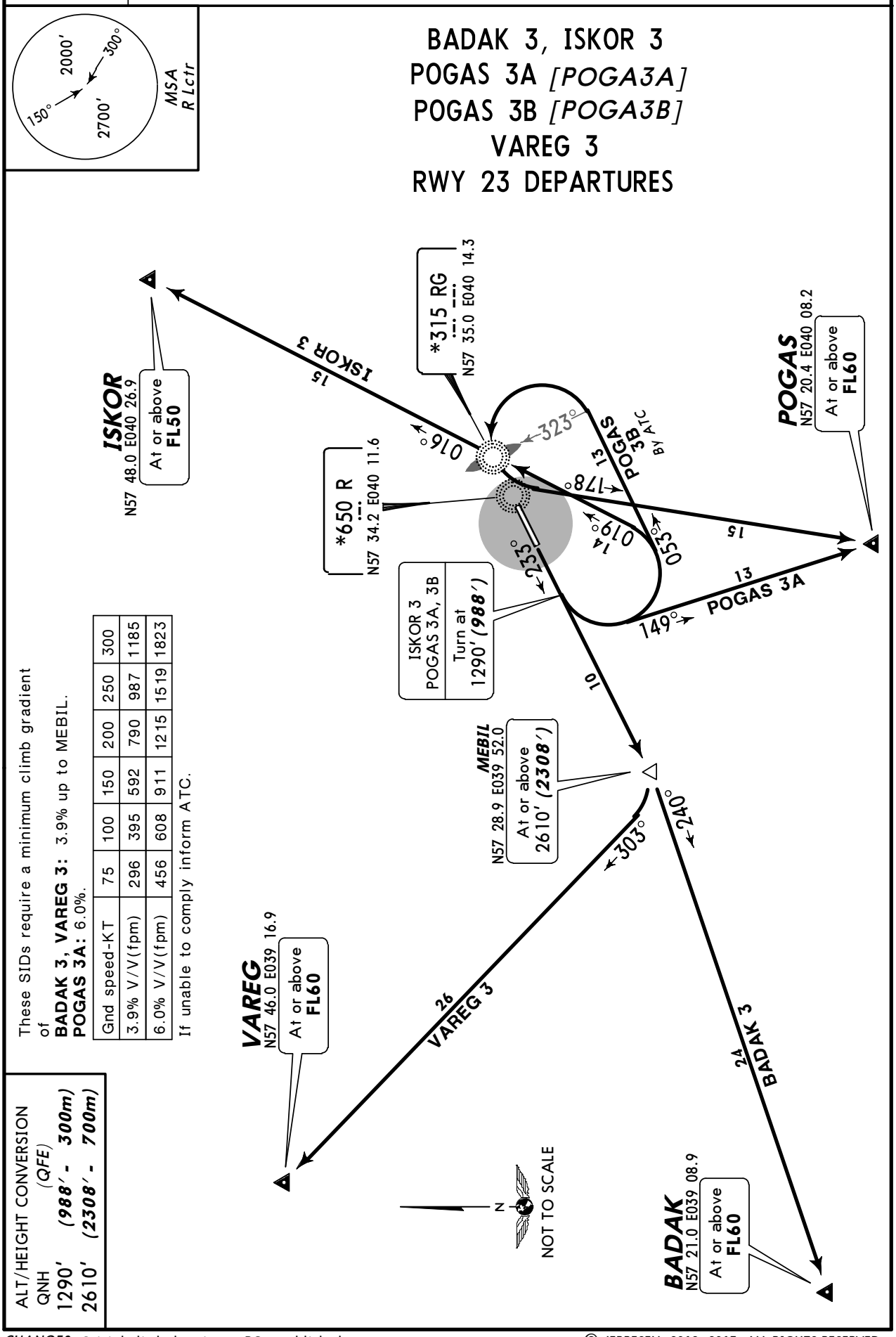
Apt Elev 305′	QNH on request **(QFE)** Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) and 724 mm (965.3 hPa) or above FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610′ ***(2308′)*** Flights over the city of Yaroslavl below FL100 are prohibited.



These SIDs require a minimum climb gradient of
BADAK 3, VAREG 3: 3.9% up to MEBIL.
POGAS 3A: 6.0%.

Gnd speed-KT	75	100	150	200	250	300
3.9% V/V(fpm)	296	395	592	790	987	1185
6.0% V/V(fpm)	456	608	911	1215	1519	1823

If unable to comply inform ATC.

ALT/HEIGHT CONVERSION
(QFE)
QNH
1290′ ***(988′ - 300m)***
2610′ ***(2308′ - 700m)***

CHANGES: Initial climb, bearing to RG established.

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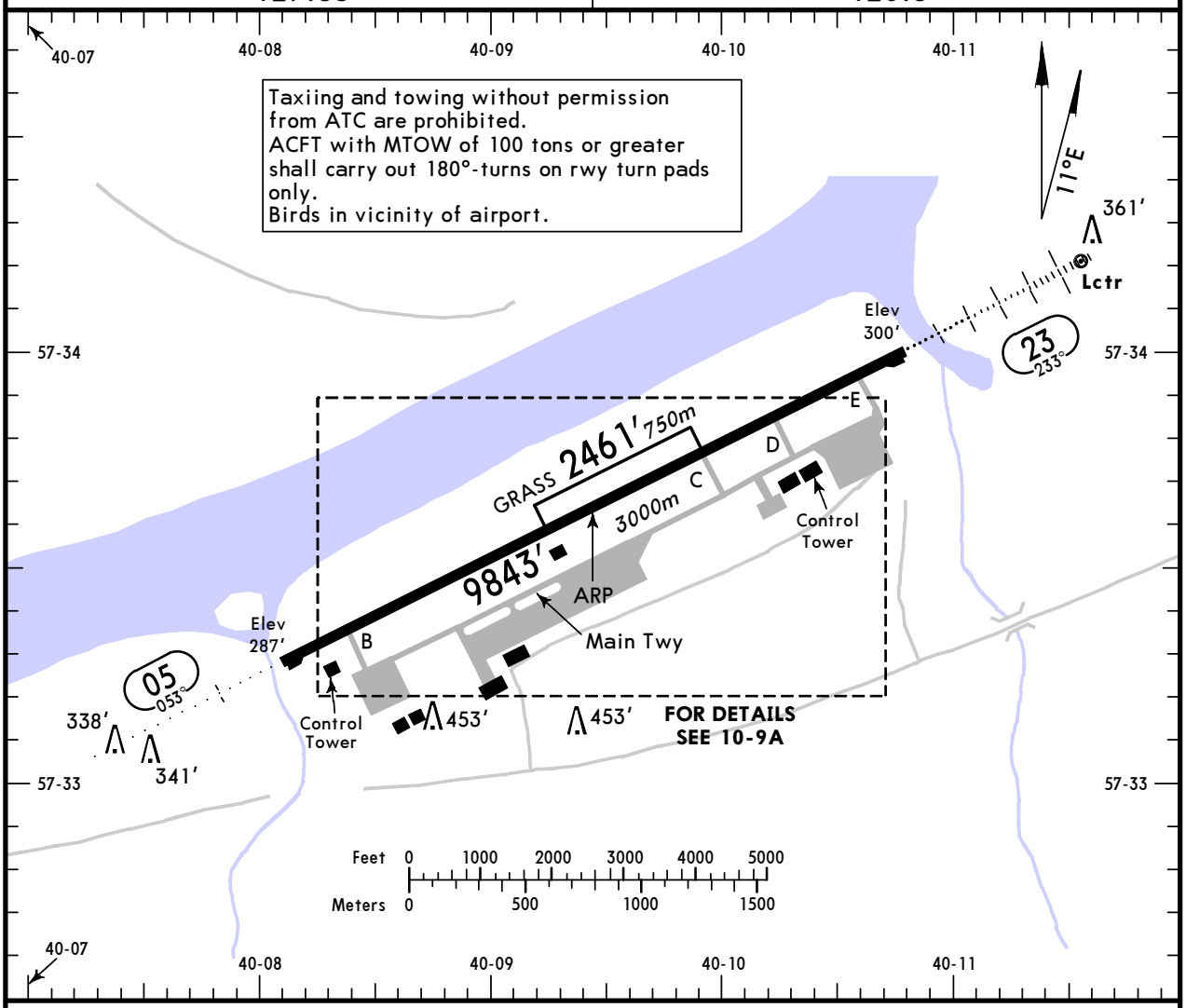
*ATIS	YAROSLAVL Approach (GND/TWR)
127.35	120.3



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS — LANDING BEYOND — Threshold	Glide Slope	TAKE-OFF	WIDTH
05	RL *(60m)* ALS PAPI-L (angle 3.0°) RVR				144′ *44m*
23	RL *(60m)* HIALS PAPI-L (angle 3.0°) RVR		8871′ *2704m*		
05 23	Grass runway				328′ *100m*

TAKE-OFF

AIR CARRIER (JAA)

All Rwys

	LVP must be in force RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	*250m*	*400m*
B		
C		
D	*300m*	

CHANGES: Rwy elevations.

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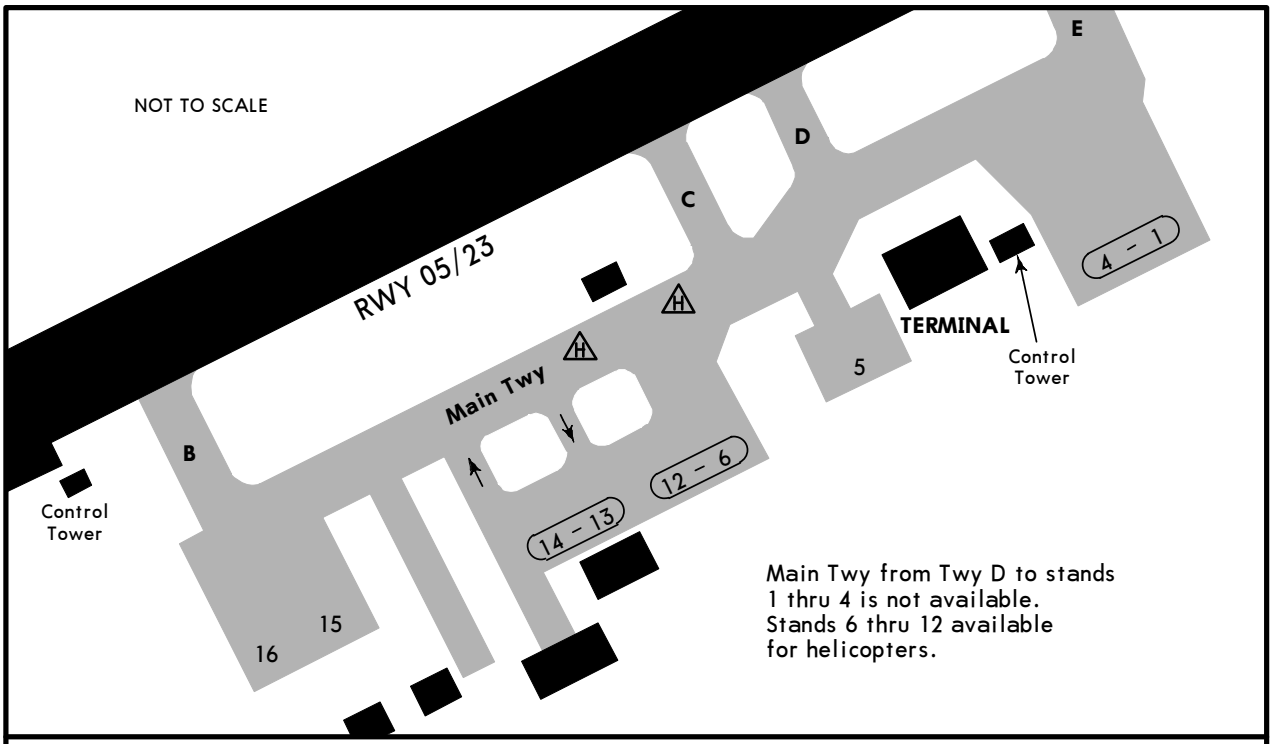

INS COORDINATES

STAND No.	COORDINATES	STAND No.	COORDINATES
1	N57 33.8 E040 10.6	16	N57 33.3 E040 08.5
2, 3	N57 33.8 E040 10.5		
4	N57 33.8 E040 10.4		
5	N57 33.7 E040 10.1		
6	N57 33.5 E040 10.5		
7, 8	N57 33.5 E040 09.5		
9 thru 11	N57 33.5 E040 09.4		
12	N57 33.5 E040 09.3		
13, 14	N57 33.4 E040 09.0		
15	N57 33.3 E040 08.6		

CHANGES: Stands & coordinates.

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STRAIGHT-IN RWY		A	B	C	D
05	NDB ❶❷	NOT APPLICABLE	NOT APPLICABLE	**1110′**(824′) **C2400m**	**1110′**(824′) **C2400m**
	NDB❸	**1110′**(824′) **C3800m**	**1110′**(824′) **C3800m**	**1110′**(824′) **C4000m**	**1110′**(824′) **C4000m**
	ALS out	C4000m	C4000m	C4200m	C4200m
23	ILS *FULL*	**501′**(200′) **R550m**	**501′**(200′) **R550m**	**501′**(200′) **R550m**	**501′**(200′) **R550m**
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB❶	**660′**(359′) **R1000m**	**660′**(359′) **R1000m**	**660′**(359′) **R1200m**	**660′**(359′) **R1200m**
	ALS out	R1600m	R1600m	R1600m	R1600m
	1 NDB	**1060′**(759′) **C2900m**	**1060′**(759′) **C2900m**	**1060′**(759′) **C3100m**	**1060′**(759′) **C3100m**
	ALS out	C3700m	C3700m	C3900m	C3900m

❶ Continuous Descent Final Approach.
❷ with FMS.
❸ w/o FMS.

TAKE-OFF RWY 05, 23

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

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UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12
Eff 18 Oct
(11-1)

YAROSLAVL, RUSSIA
ILS or 2 NDB or NDB Rwy 23

BRIEFING STRIP

*ATIS	*YAROSLAVL Approach (APP/SRE/TWR)	*Ground
127.35	120.3	120.3

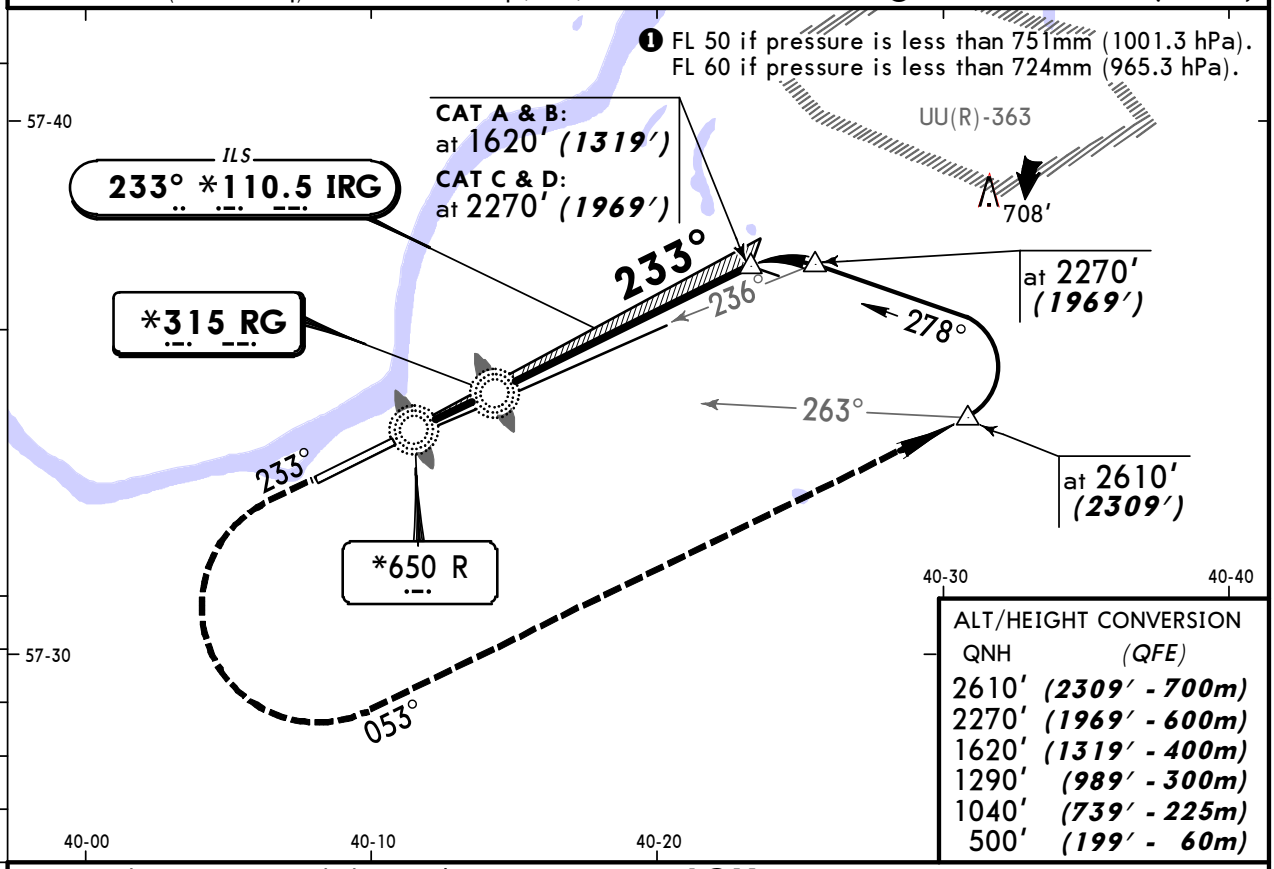
LOC IRG *110.5	Final Apch Crs 233°	GS LOM 1039′ (738′)	ILS DA(H) 501′ (200′)	Apt Elev 305′
NDB RG *315		Minimum Alt LOM 1040′ (739′)	NDB MDA(H) Refer to Minimums	RWY 301′

MISSED APCH: Climb on 233° to 1290′ (989′), then turn LEFT onto 053°, then according to chart.
Start turn at least 5.4 NM from threshold rwy 23.

MSA R Lctr: 150° 2000′; 2700′ 300°

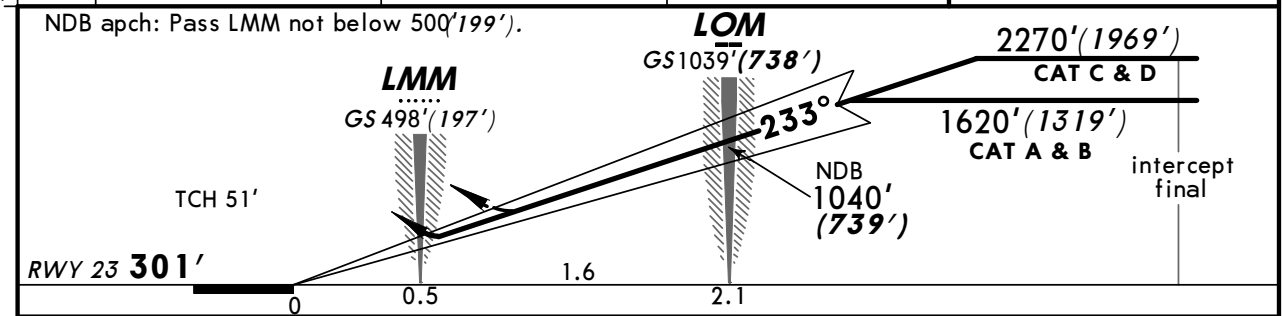
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 ❶ Trans alt: 2610′(2309′)

❶ FL 50 if pressure is less than 751mm (1001.3 hPa).
FL 60 if pressure is less than 724mm (965.3 hPa).



ALT/HEIGHT CONVERSION

QNH	(QFE)
2610′	(2309′ - 700m)
2270′	(1969′ - 600m)
1620′	(1319′ - 400m)
1290′	(989′ - 300m)
1040′	(739′ - 225m)
500′	(199′ - 60m)



Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Descent Angle 3.00°	372	478	531	637	743	849

HIALS
PAPI
1290′ (989′) on 233°

STRAIGHT-IN LANDING RWY 23

	ILS DA(H) 501′(200′) FULL	ILS DA(H) 501′(200′) ALS out	LOC (GS out)	2 NDB MDA(H) 630′(329′)	2 NDB MDA(H) 630′(329′) ALS out	RG LOM or R LMM MDA(H) 1060′(759′)	RG LOM or R LMM MDA(H) 1060′(759′) ALS out
A	RVR 720m VIS 800m	1200m	NOT AUTHORIZED	1200m	RVR 1500m VIS 1600m	3200m	
B							
C						3200m	3600m
D				RVR 1500m VIS 1600m		3600m	4000m

PANS OPS

CHANGES: None.

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BRIEFING STRIP

*ATIS	*YAROSLAVL Approach (APP/SRE/TWR)	*Ground
127.35	120.3	120.3

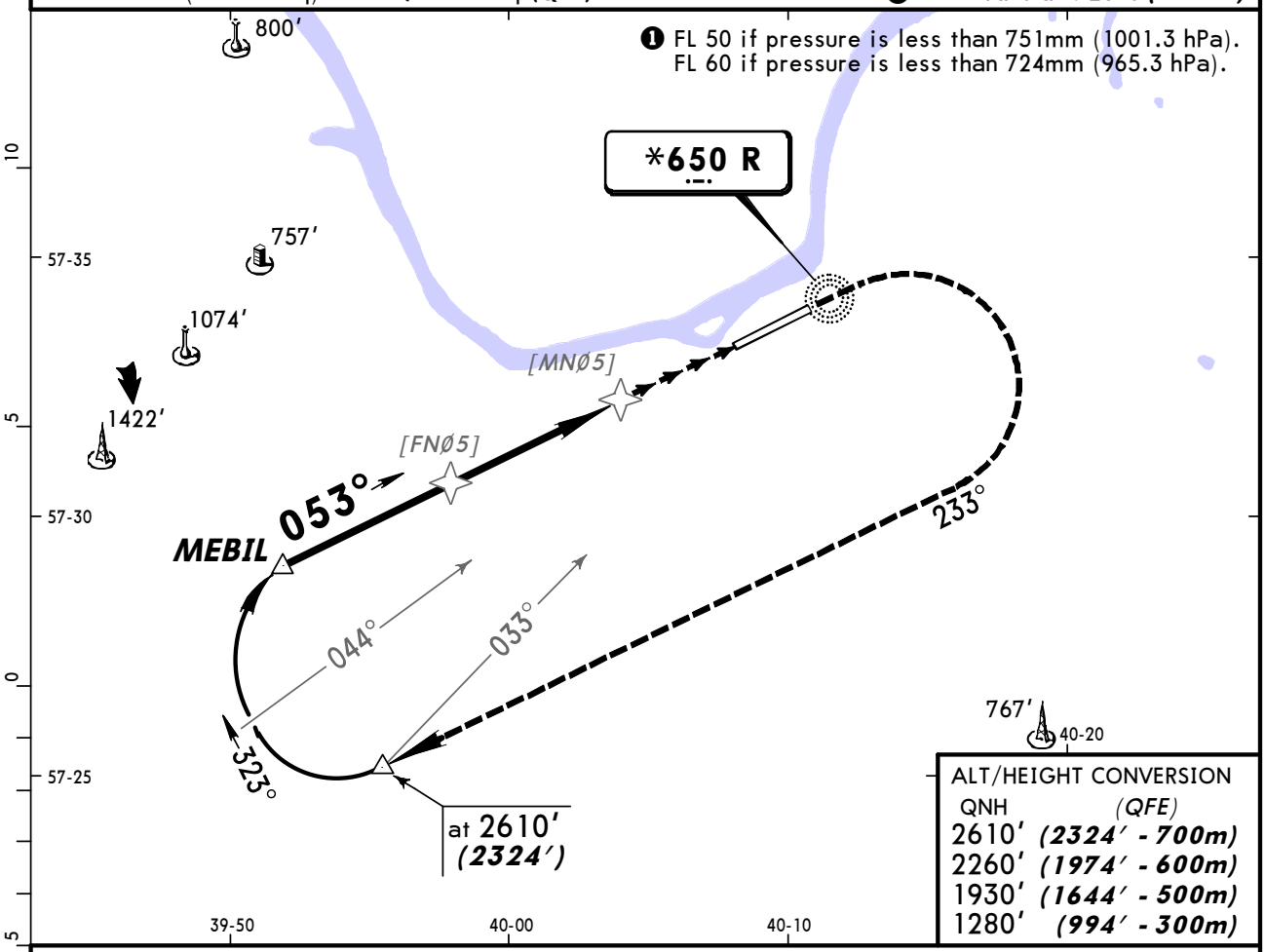
Lctr	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev 305′
R *650	053°	No FAF	1110′ (824′)	RWY 286′

MISSED APCH: Climb on 053° to 1280′ (994′), then turn RIGHT onto 233°, then according to chart.

150° 2000′ 2700′ 300°
MSA
R Lctr

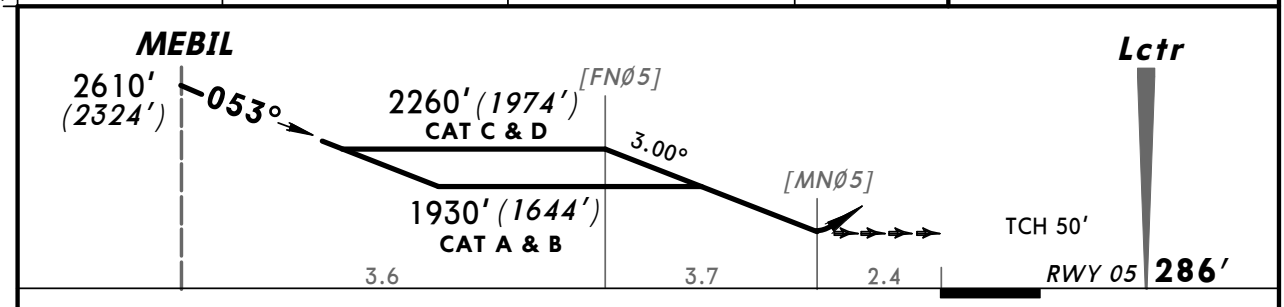
Alt Set: MM (hPa on req) QNH on req (**QFE**) Trans level: FL 40 ❶ Trans alt: 2610′(2324′)

❶ FL 50 if pressure is less than 751mm (1001.3 hPa).
FL 60 if pressure is less than 724mm (965.3 hPa).



ALT/HEIGHT CONVERSION

QNH	(QFE)
2610′	(2324′ - 700m)
2260′	(1974′ - 600m)
1930′	(1644′ - 500m)
1280′	(994′ - 300m)



Gnd speed-Kts		70	90	100	120	140	160
Descent Angle	3.00°	372	478	531	637	743	849

ALS
PAPI
1280′ (994′) on 053°

STRAIGHT-IN LANDING RWY **05**

MDA(H) 1110′(824′)
ALS out

PANS OPS

A	3200m
B	
C	4000m
D	4400m

CHANGES: Waypoint designation.

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Chart changes since cycle 16-2013

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
YAROSLAVL, (TUNOSHNA - UUDL)				
REV	MAGOK & OGNAR 2 ARRS	10-2	09 Aug 2013	22 Aug 2013
ADD	MAGOK & OGNAR 4A & 4B ARR...	10-2A	09 Aug 2013	22 Aug 2013
DEL	MAGOK 4A, OGNAR 4A & 4B A...	10-2A	09 Aug 2013	22 Aug 2013
REV	ISKOR & POGAS 2 ARRS	10-2B	09 Aug 2013	22 Aug 2013
REV	ISKOR & POGAS 4A & 4B ARR...	10-2C	09 Aug 2013	22 Aug 2013
REV	BADAK & VAREG 2 ARRS	10-2D	09 Aug 2013	22 Aug 2013
REV	BADAK & VAREG 4A ARRS	10-2E	09 Aug 2013	22 Aug 2013
REV	LIRBA, MAGOK, MALAP & OGN...	10-3	09 Aug 2013	22 Aug 2013
REV	LIRBA, MAGOK, MALAP & OGN...	10-3A	09 Aug 2013	22 Aug 2013
REV	BADAK, ISKOR, POGAS & VAR...	10-3B	09 Aug 2013	22 Aug 2013
REV	BADAK, ISKOR & VAREG 3, P...	10-3C	09 Aug 2013	22 Aug 2013
REV	AIRPORT, AIRPORT INFO, TA...	10-9	09 Aug 2013	22 Aug 2013
REV	PARKING STANDS	10-9A	09 Aug 2013	22 Aug 2013

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TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UUDL