

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

No revision activity since Disc 26-2012

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UUDL

General Info

Yaroslavl, RUS

N 57° 33.6' E 40° 09.4' Mag Var: 10.2°E

Elevation: 305'

Public, IFR, Customs availble on a restrcted basis, Landing Fee

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+4:00 no DST

Runway Info

Runway 05-23 9843' x 144' asphalt

Runway 05 (53.0°M) TDZE 286'

Lights: Edge, ALS

Runway 23 (233.0°M) TDZE 301'

Lights: Edge, ALS

Communications Info

ATIS **127.35**

Yaroslavl Approach Control **120.3** MF Air-Ground

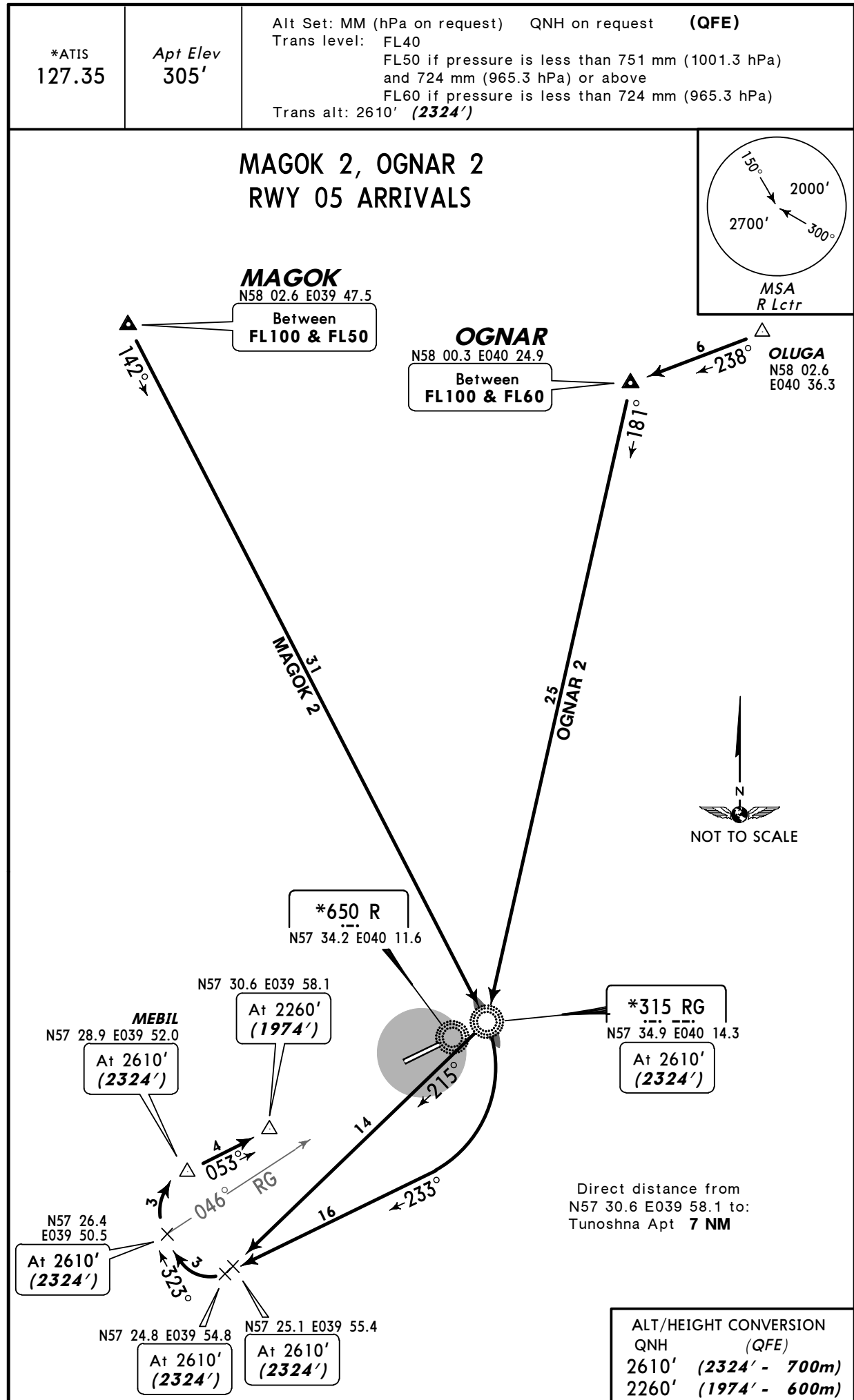
Notebook Info

UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12 10-2 Eff 18 Oct

YAROSLAVL, RUSSIA

STAR



UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12 (10-2A) Eff 18 Oct

YAROSLAVL, RUSSIA

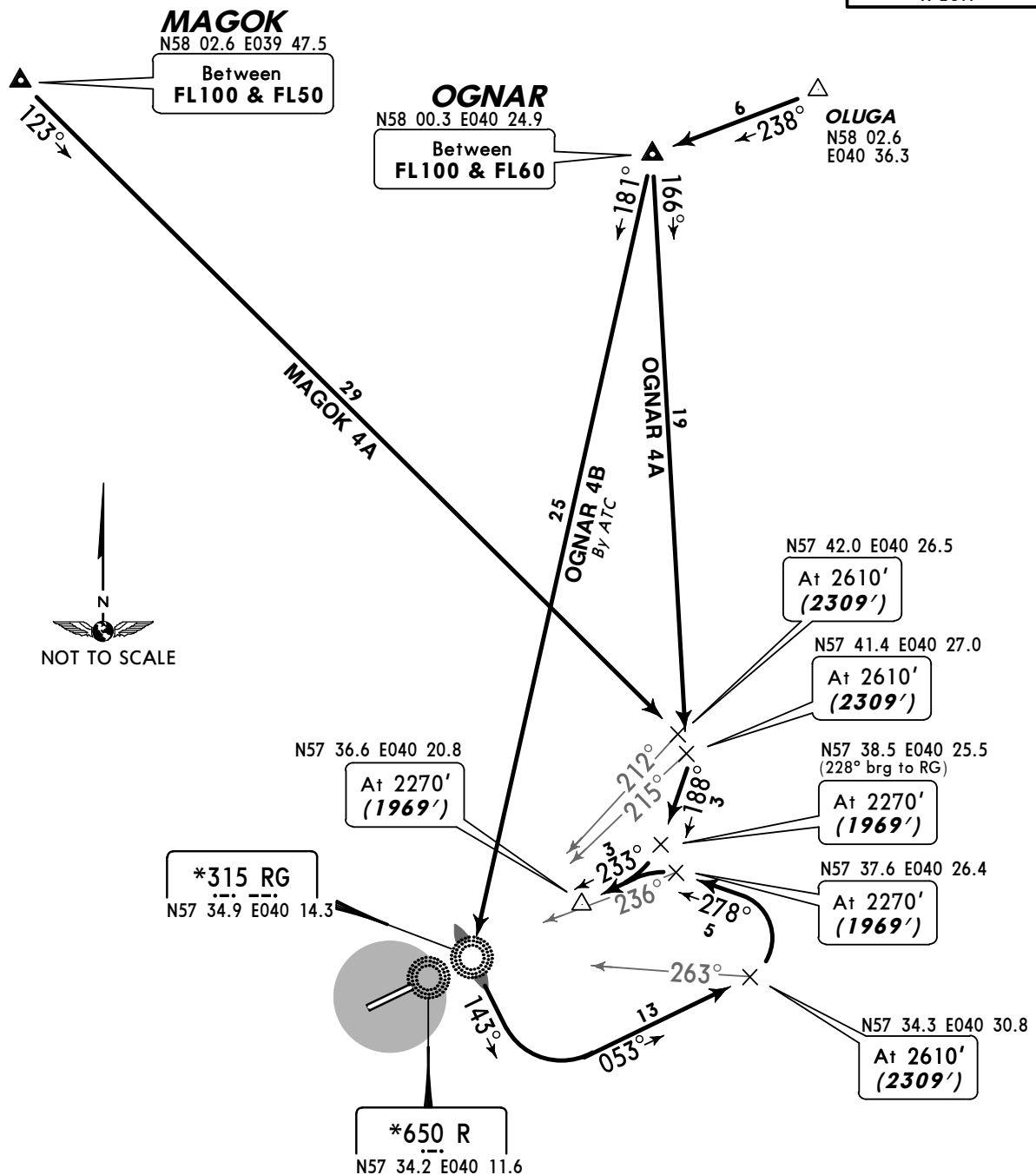
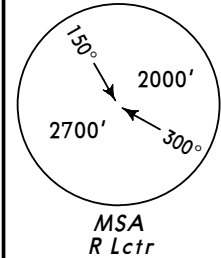
STAR

*ATIS
127.35

Apt Elev
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' (2309')

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



ALT/HEIGHT CONVERSION
QNH (QFE)
2610' (2309' - 700m)
2270' (1969' - 600m)

UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12 **10-2B** Eff 18 Oct

YAROSLAVL, RUSSIA

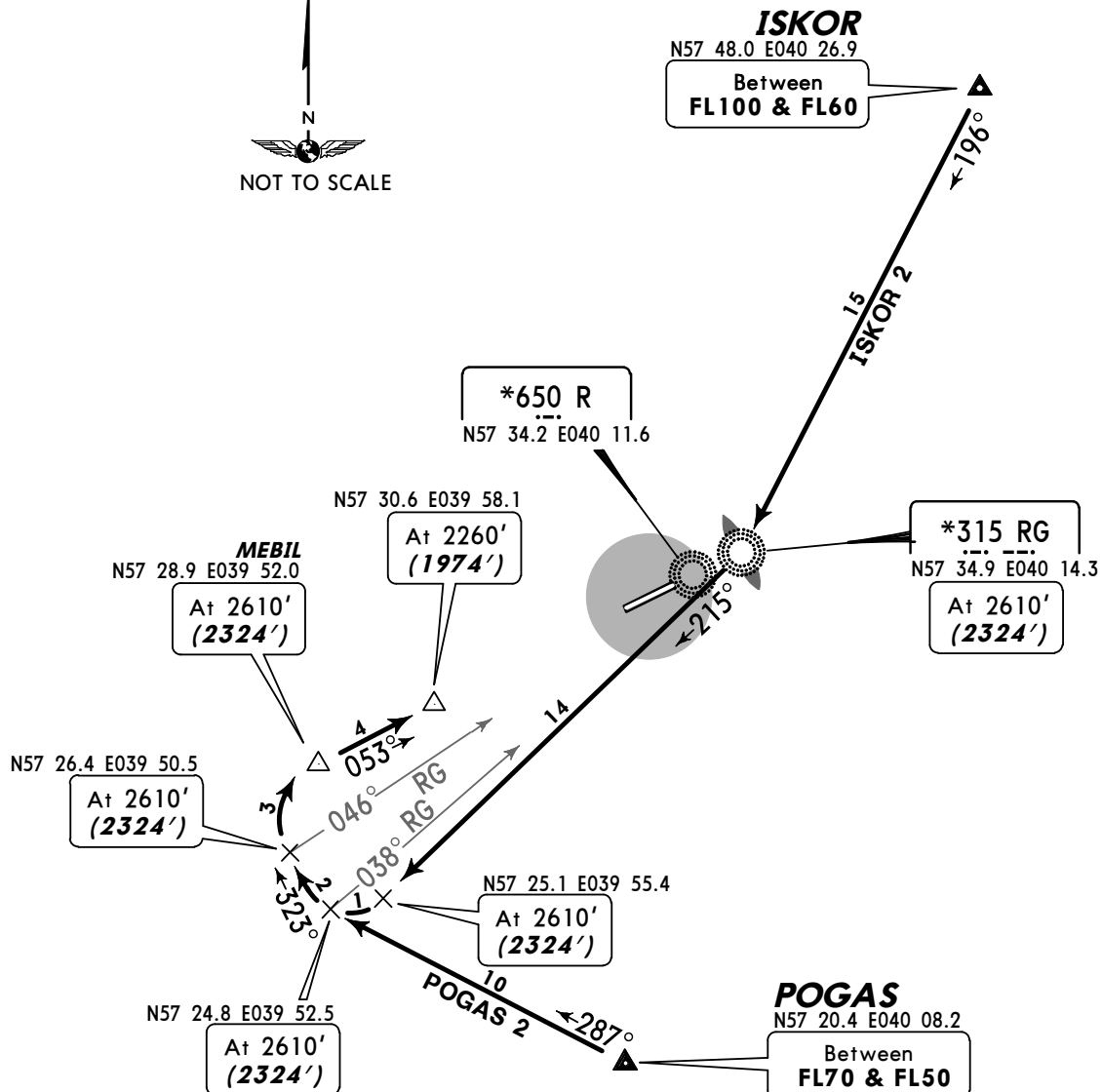
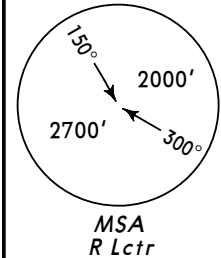
STAR

*ATIS
127.35

Apt Elev
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' (2324')

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' (2324' - 700m)

2260' (1974' - 600m)

UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12 **10-2C** Eff 18 Oct

YAROSLAVL, RUSSIA

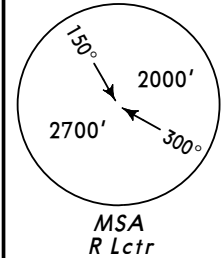
STAR

*ATIS
127.35

Apt Elev
305'

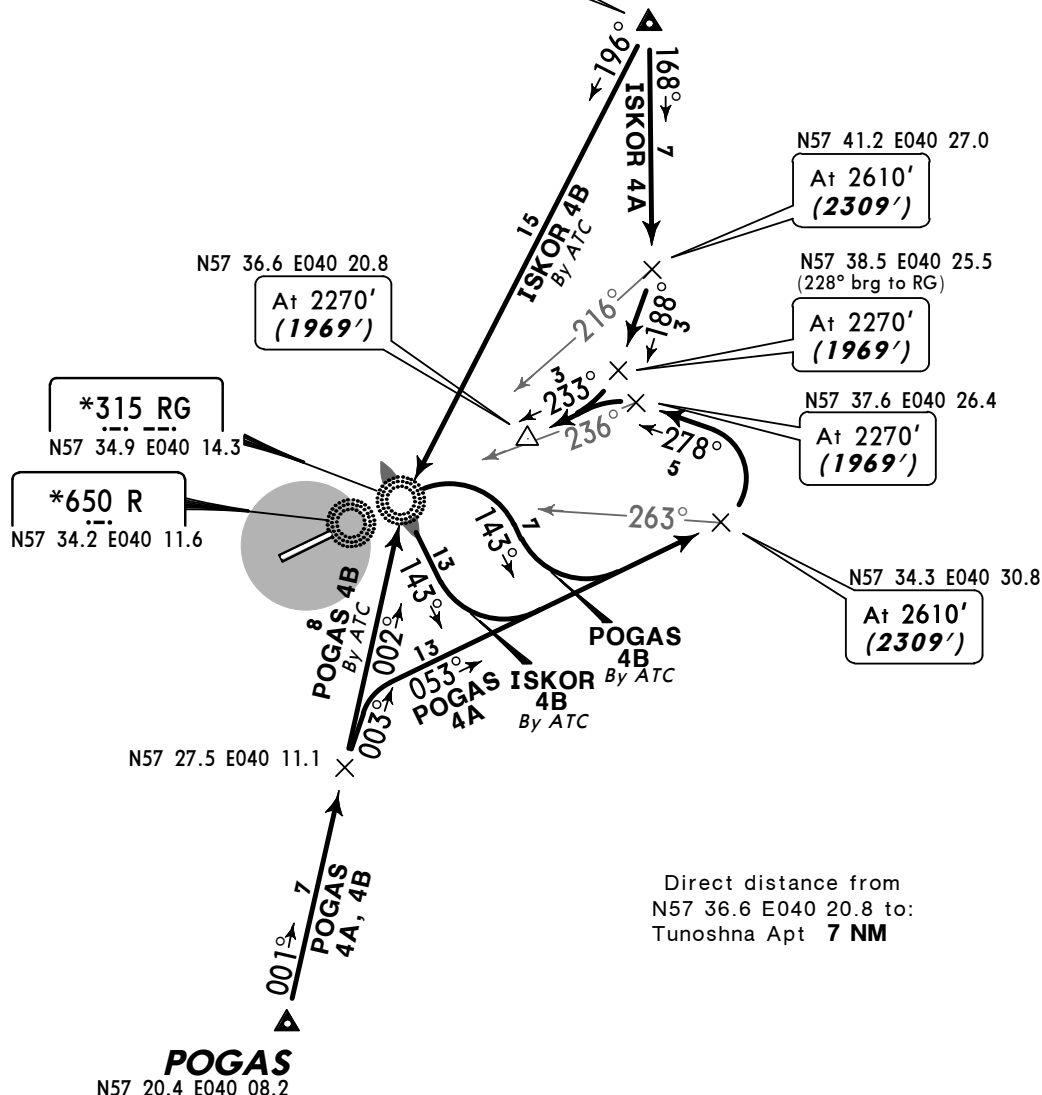
Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL40
FL50 if pressure is less than 751 mm (1001.3 hPa)
and 724 mm (965.3 hPa) or above
FL60 if pressure is less than 724 mm (965.3 hPa)
Trans alt: 2610' **(2309')**

ISKOR 4A [ISK04A], ISKOR 4B [ISK04B]
POGAS 4A [POGA4A], POGAS 4B [POGA4B]
RWY 23 ARRIVALS



ISKOR
N57 48.0 E040 26.9

ISKOR 4A
At FL40
ISKOR 4B
Between
FL80 & FL60



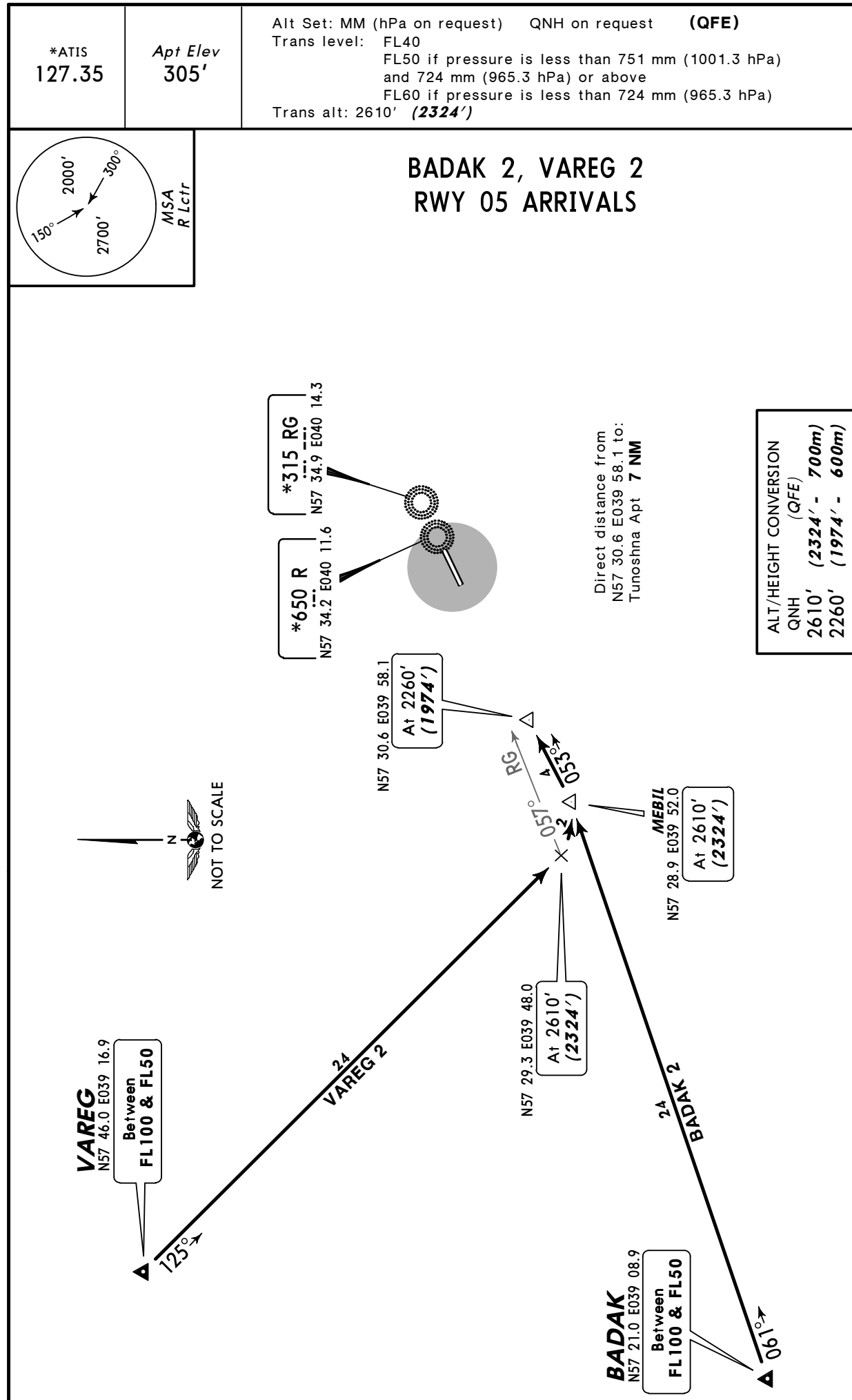
ALT/HEIGHT CONVERSION
QNH **(QFE)**
2610' **(2309' - 700m)**
2270' **(1969' - 600m)**

UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12 **10-2D** Eff 18 Oct

YAROSLAVL, RUSSIA

STAR

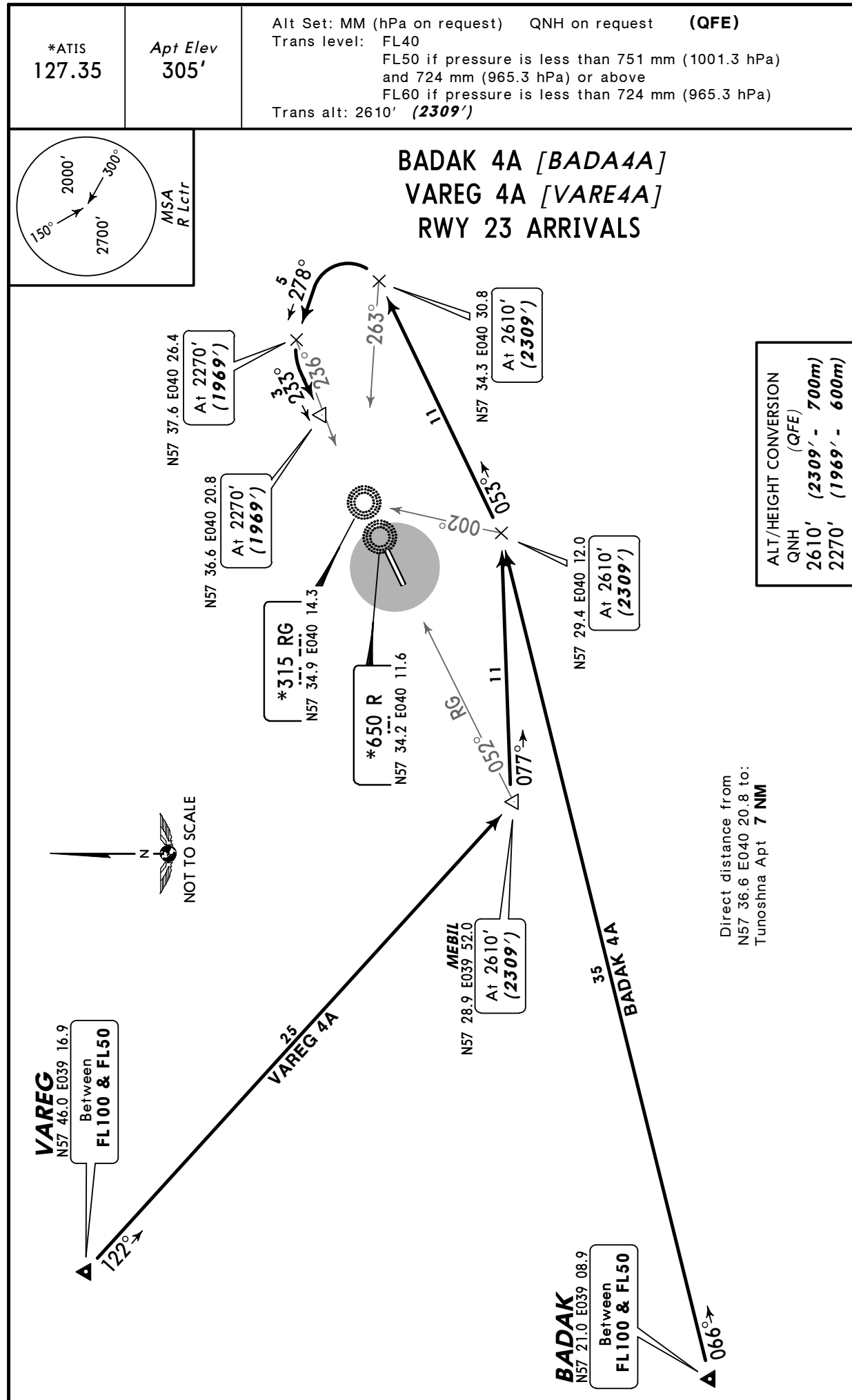


UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12 10-2E Eff 18 Oct

YAROSLAVL, RUSSIA

STAR



UUDL/IAR
TUNOSHNA

JEPPESEN

5 OCT 12

10-3

Eff 18 Oct

YAROSLAVL, RUSSIA

SID

Apt Elev
305'

QNH on request (QFE)

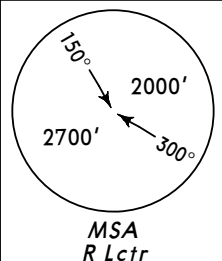
Trans level: FL40

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' (2324')

Flights over the city of Yaroslavl below FL100 are prohibited.



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

KEMID
N58 44.5
E041 08.6

LIRBA
N58 06.2 E040 12.1

At or above
FL50

MAGOK
N58 02.6 E039 47.5

At or above
FL60

OGNAR
N58 00.3 E040 24.9

At or above
FL50

OLUGA
N58 02.6
E040 36.3

LUMAK
N58 13.0
E041 29.0

MALAP
N57 50.5 E040 26.7

At or above
FL50



At 1280'
(994')

*650 R
N57 34.2 E040 11.6

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)
1280'	(994' - 300m)
2610'	(2324' - 700m)

UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12 (10-3A) Eff 18 Oct

YAROSLAVL, RUSSIA

SID

Apt Elev
305'

QNH on request (QFE)

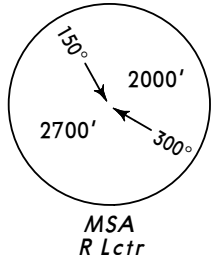
Trans level: FL40

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' (2309')

Flights over the city of Yaroslavl below FL100 are prohibited.



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

KEMID
N58 44.5
E041 08.6

LIRBA
N58 06.2 E040 12.1

At or above
FL50

MAGOK
N58 02.6 E039 47.5

At or above
FL60

OGNAR
N58 00.3 E040 24.9

At or above
FL50

OLUGA
N58 02.6
E040 36.3

LUMAK
N58 13.0
E041 29.0

MALAP
N57 50.5 E040 26.7

At or above
FL50

*650 R
N57 34.2 E040 11.6

At 1290'
(989')

*315 RG
N57 34.9 E040 14.3



ALT/HEIGHT CONVERSION

QNH (QFE)

1290' (989' - 300m)

2610' (2309' - 700m)

UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12 **10-3B** Eff 18 Oct

YAROSLAVL, RUSSIA

SID

Apt Elev
305'

QNH on request **(QFE)**

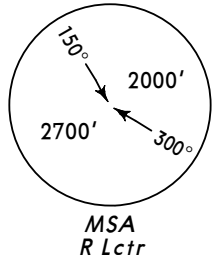
Trans level: FL40

FL50 if pressure is less than 751 mm (1001.3 hPa)
and 724 mm (965.3 hPa) or above

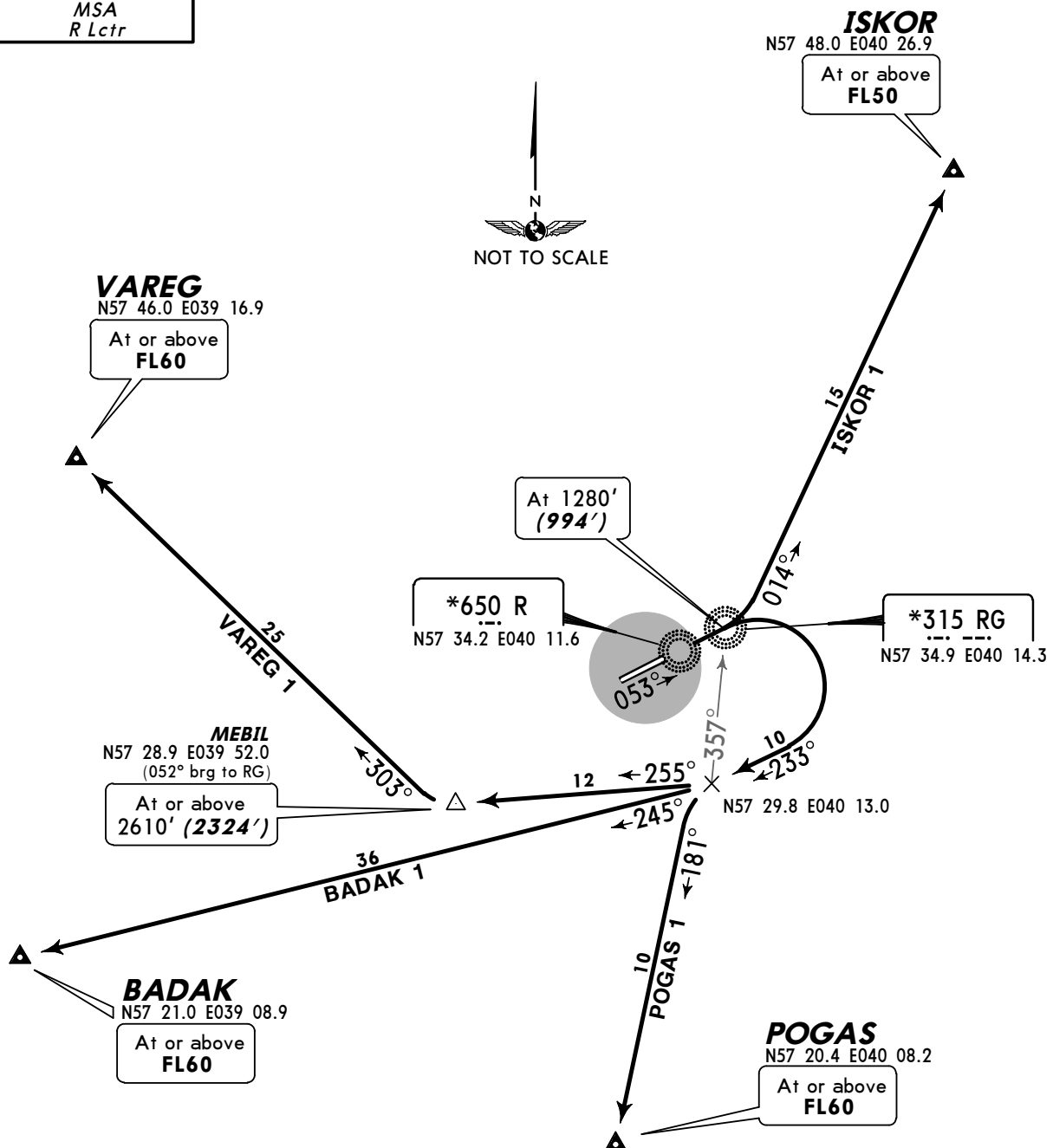
FL60 if pressure is less than 724 mm (965.3 hPa)

Trans alt: 2610' **(2324')**

Flights over the city of Yaroslavl below FL100 are prohibited.



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



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1280'	(994' - 300m)
2610'	(2324' - 700m)

UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12 10-3C Eff 18 Oct

YAROSLAVL, RUSSIA

SID

Apt Elev
305'

QNH on request (QFE)

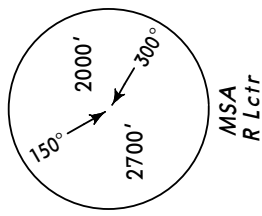
Trans level: FL40

FL50 if pressure is less than 751 mm (1001.3 hPa)
and 724 mm (965.3 hPa) or above

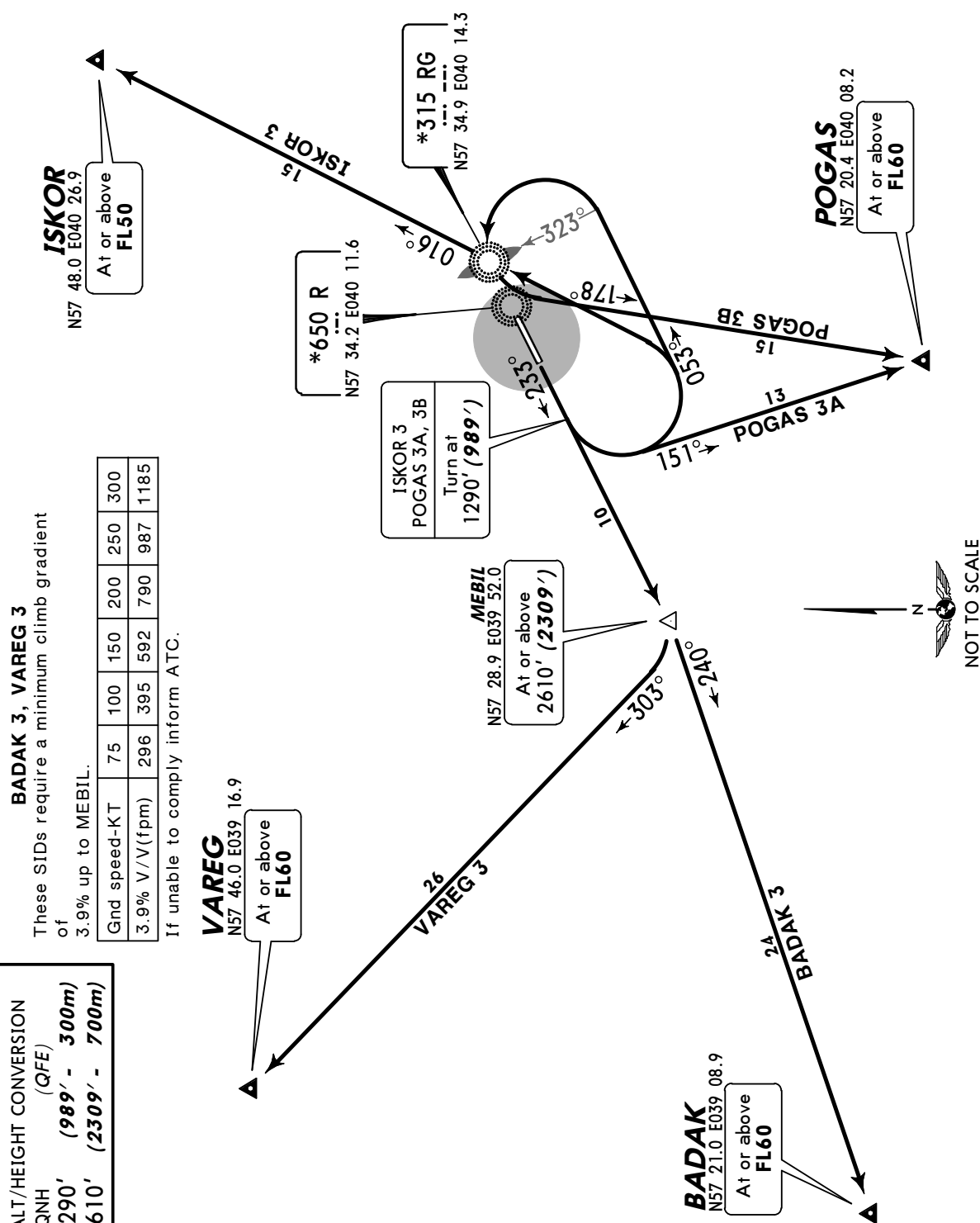
FL60 if pressure is less than 724 mm (965.3 hPa)

Trans alt: 2610' (2309')

Flights over the city of Yaroslavl below FL100 are prohibited.



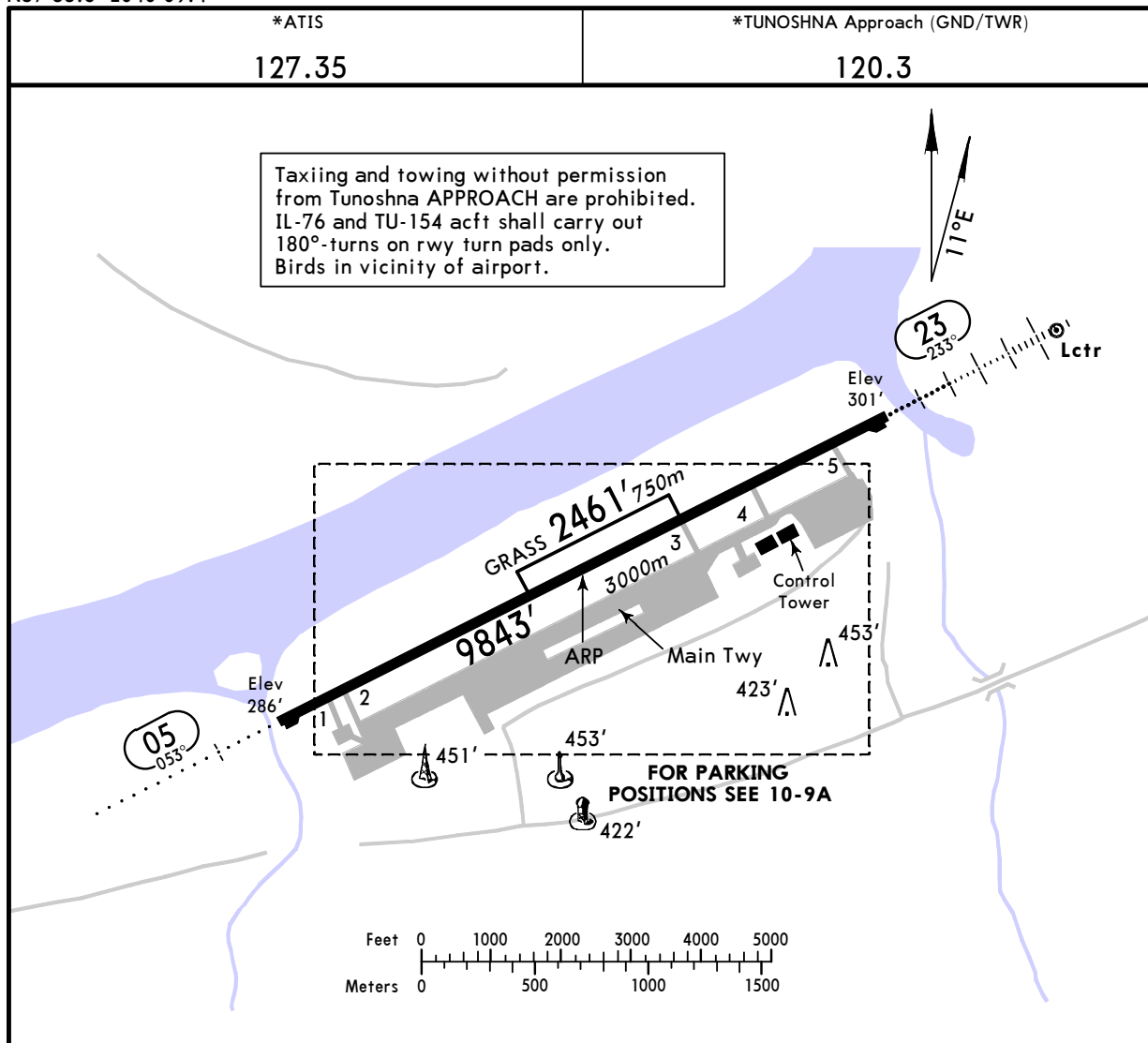
BADAK 3, ISKOR 3
POGAS 3A [POGA3A]
POGAS 3B [POGA3B]
VAREG 3
RWY 23 DEPARTURES



UUDL/IAR
Apt Elev **305'**
N57 33.6 E040 09.4

JEPP ESEN
2 JAN 09 **10-9** Eff 15 Jan

YAROSLAVL, RUSSIA
TUNOSHNA



ADDITIONAL RUNWAY INFORMATION								
RWY					USABLE LENGTHS		WIDTH	
					LANDING	BEYOND		
					Threshold	Glide Slope	TAKE-OFF	
05	RL (60m)	ALS	PAPI-L (angle 3.0°)	RVR				144'
23	RL (60m)	HIALS	PAPI-L (angle 3.0°)	RVR		8859' 2700m		44m
05 ① 23	Grass runway							328' 100m

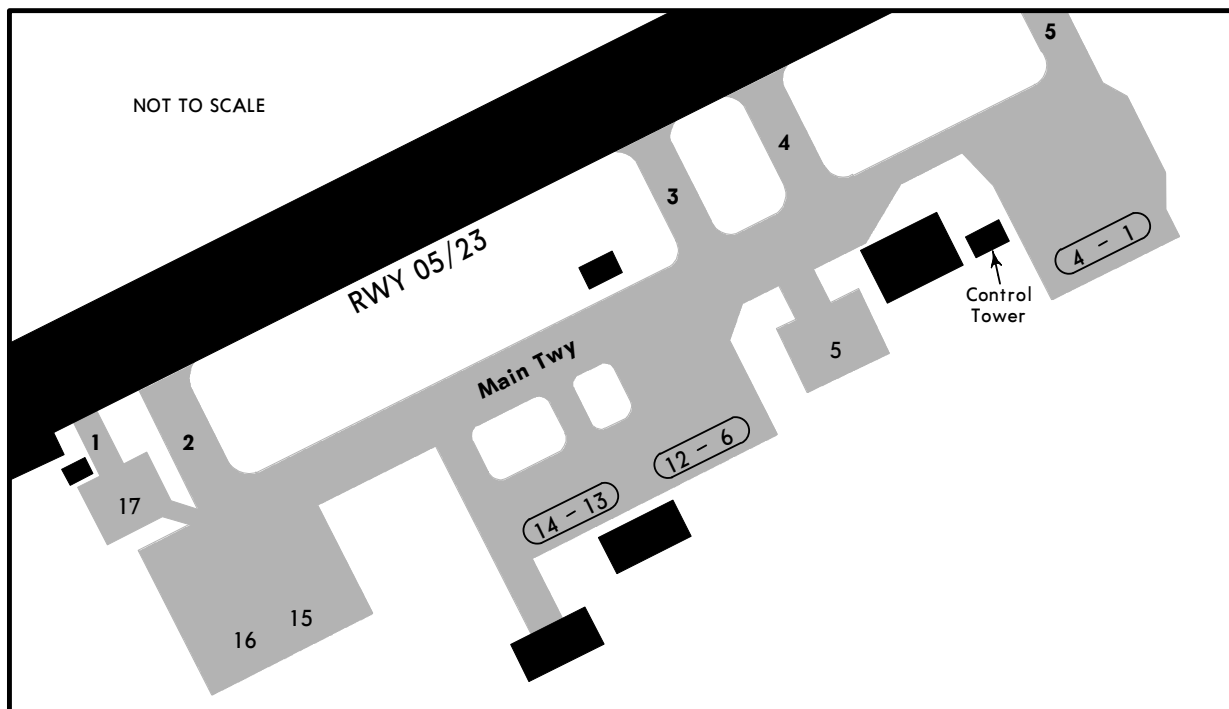
① Available in winter only.

TAKE-OFF	
AIR CARRIER (JAA)	
All Rwys	
LVP must be in force	
RCLM (DAY only) or RL	
A	
B	250m
C	
D	300m
	RCLM (DAY only) or RL
	400m

UUDL/IAR

JEPPESEN
2 JAN 09 (10-9A) Eff 15 Jan

YAROSLAVL, RUSSIA
TUNOSHNA



Main Twy from Twy 4 to stands 1 thru 4 is not available.
Stands 6 thru 12 available for helicopters.
Stand 17 available as quarantine stand.

UUDL/IAR


JEPPESEN
 23 SEP 11 **10-9S**
Standard
YAROSLAVL, RUSSIA
ТУНОШНА

STRAIGHT-IN RWY		A	B	C	D
05	NDB ①②	NOT APPLICABLE	NOT APPLICABLE	1110' (824') C2400m	1110' (824') C2400m
	NDB ③	1110' (824') C3800m	1110' (824') C3800m	1110' (824') C4000m	1110' (824') C4000m
	ALS out	C4000m	C4000m	C4200m	C4200m
23	ILS	501' (200') R550m	501' (200') R550m	501' (200') R550m	501' (200') R550m
	FULL	R750m	R750m	R750m	R750m
	Limited	R1200m	R1200m	R1200m	R1200m
	ALS out				
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB ①	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

① Continuous Descent Final Approach.

② with FMS.

③ 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	250m	400m	500m
B			
C			
D	300m		

UUDL/IAR


JEPPESSEN
 2 JAN 09 **10-9X** Eff 15 Jan
JAA MINIMUMS**YAROSLAVL, RUSSIA**
ТУНОШНА

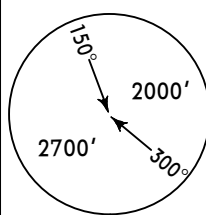
STRAIGHT-IN RWY		A	B	C	D
05	NDB	1110' (824')	1110' (824')	1110' (824')	1110' (824')
		R1500m	R1500m	R2000m	R2000m
23	ILS	501' (200')	501' (200')	501' (200')	501' (200')
		R550m	R550m	R550m	R550m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	2 NDB	630' (329')	630' (329')	630' (329')	630' (329')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m
RG LOM or R LMM		1060' (759')	1060' (759')	1060' (759')	1060' (759')
		R1200m	R1400m	R1400m	R1800m
	ALS out	R1500m	R1500m	R2000m	R2000m

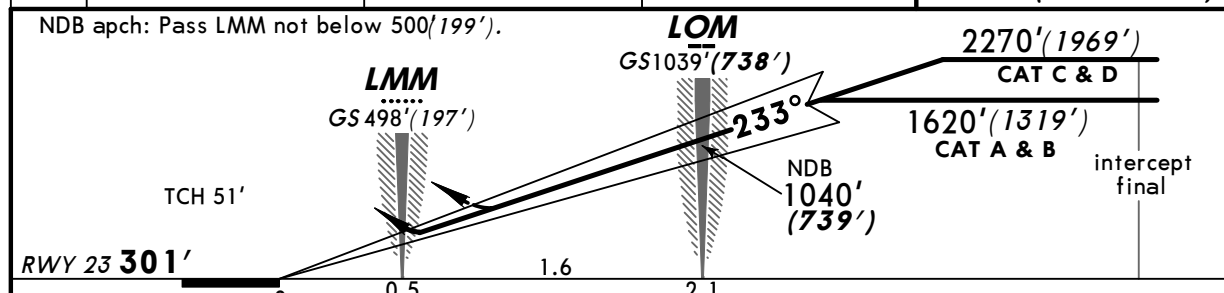
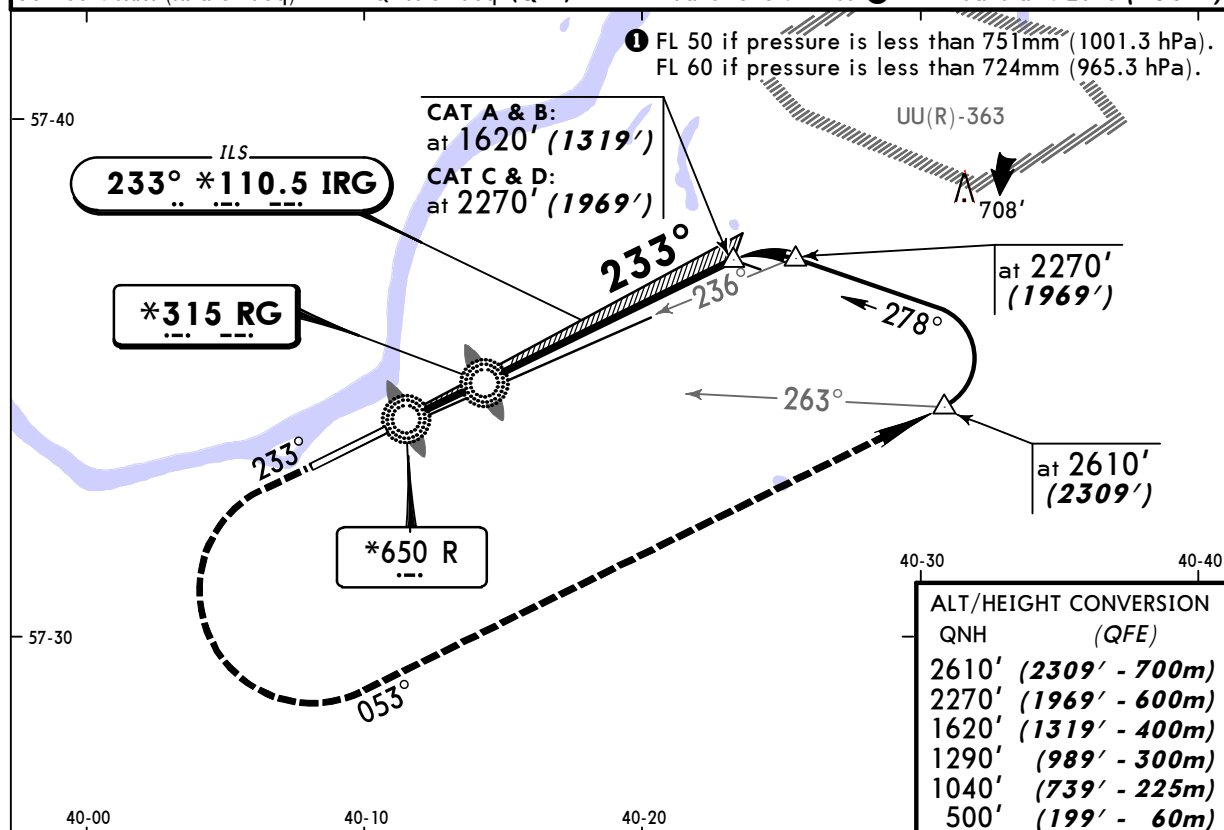
TAKE-OFF RWY 05, 23

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		

UUDL/IAR
TUNOSHNAJEPPESEN
5 OCT 12
Eff 18 Oct (11-1)YAROSLAVL, RUSSIA
ILS or 2 NDB or NDB Rwy 23

BRIEFING STRIP

*ATIS 127.35		*YAROSLAVL Approach (APP/SRE/TWR) 120.3		*Ground 120.3		
LOC IRG *110.5	Final Apch Crs 233°	GS LOM 1039' (738')	ILS DA(H) 501' (200')	Apt Elev 305' RWY 301'		
NDB RG *315		Minimum Alt LOM 1040' (739')	NDB MDA(H) Refer to Minimums			
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.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40 1		
				Trans alt: 2610' (2309')		



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	1290' (989') on 233°
ILS GS or NDB Descent Angle 3.00°	372	478	531	637	743	849		

STRAIGHT-IN LANDING RWY 23							
ILS DA(H) 501' (200')		LOC (GS out)	2 NDB MDA(H) 630' (329')		RG LOM or R LMM MDA(H) 1060' (759')		
FULL	ALS out			ALS out		ALS out	
A							
B	RVR 720m VIS 800m	1200m	NOT AUTHORIZED	1200m	RVR 1500m VIS 1600m	3200m	
C						3200m	3600m
D					RVR 1500m VIS 1600m	3600m	4000m

PANS OPS

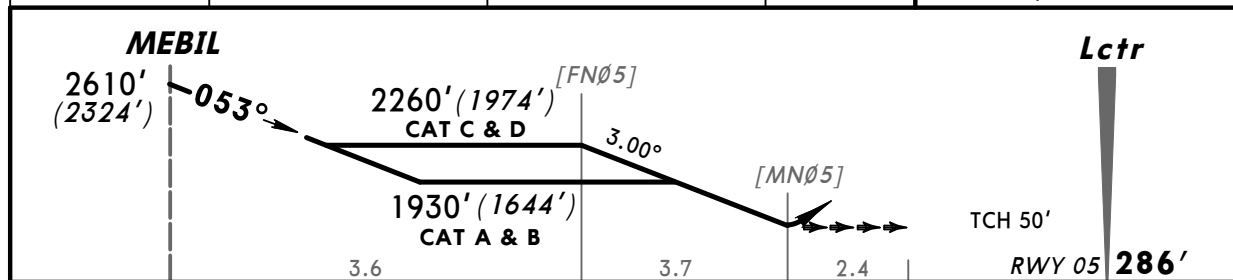
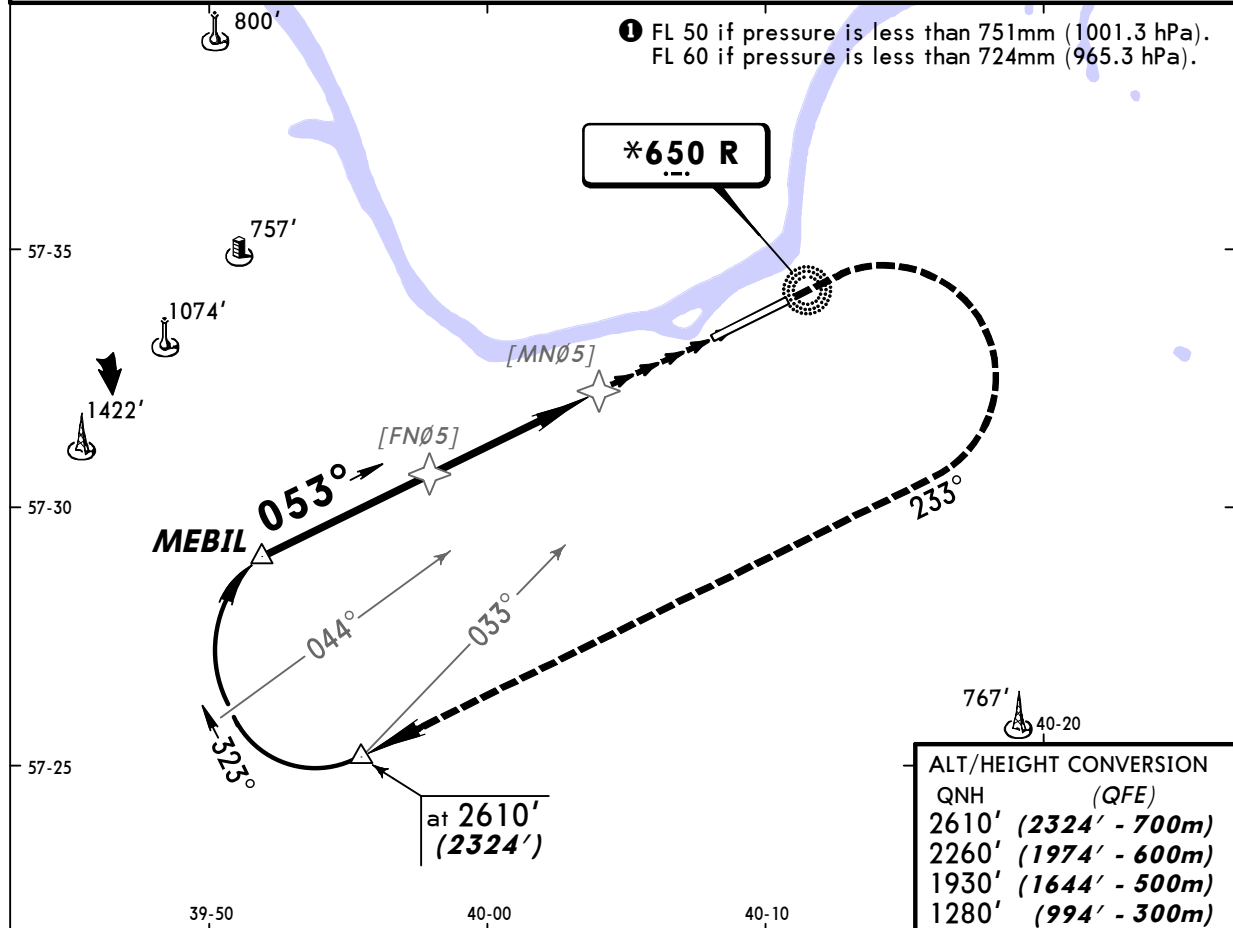
UUDL/IAR
TUNOSHNA

JEPPESEN
5 OCT 12 **(16-1)** Eff 18 Oct

YAROSLAVL, RUSSIA
NDB Rwy 05

BRIEFING STRIP

*ATIS 127.35		*YAROSLAVL Approach (APP/SRE/TWR) 120.3		*Ground 120.3		MSA <i>R Lctr</i>
<i>Lctr</i> R *650	<i>Final</i> <i>Apch Crs</i> 053°	<i>Minimum Alt</i> No FAF	<i>MDA(H)</i> 1110' (824')	<i>Apt Elev</i> 305' <i>RWY</i> 286'		
MISSED APCH: Climb on 053° to 1280' (994'), then turn RIGHT onto 233°, then according to chart.						
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 1 Trans alt: 2610' (2324')						



Gnd speed-Kts	70	90	100	120	140	160	ALS PAPI 1280' (994') on 053°
Descent Angle	3.00°	372	478	531	637	743	

STRAIGHT-IN LANDING RWY 05			
MDA(H) 1110' (824')		ALS out	
A	3200m		
B			
C	4000m		
D	4400m		

PANS OPS