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Airport Information For UUDL

Terminal Charts For UUDL

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: YAROSLAVL RUS
ICAO/IATA: UUDL / IAR
Lat/Long: N57° 33.6', E040° 09.4'
Elevation: 305 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -3:00 = UTC
Magnetic Variation: 12.0° 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: 0109 Z
Sunset: 1723 Z

Runway Information

Runway: 05
Length x Width: 9843 ft x 144 ft
Surface Type: asphalt
TDZ-Elev: 285 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

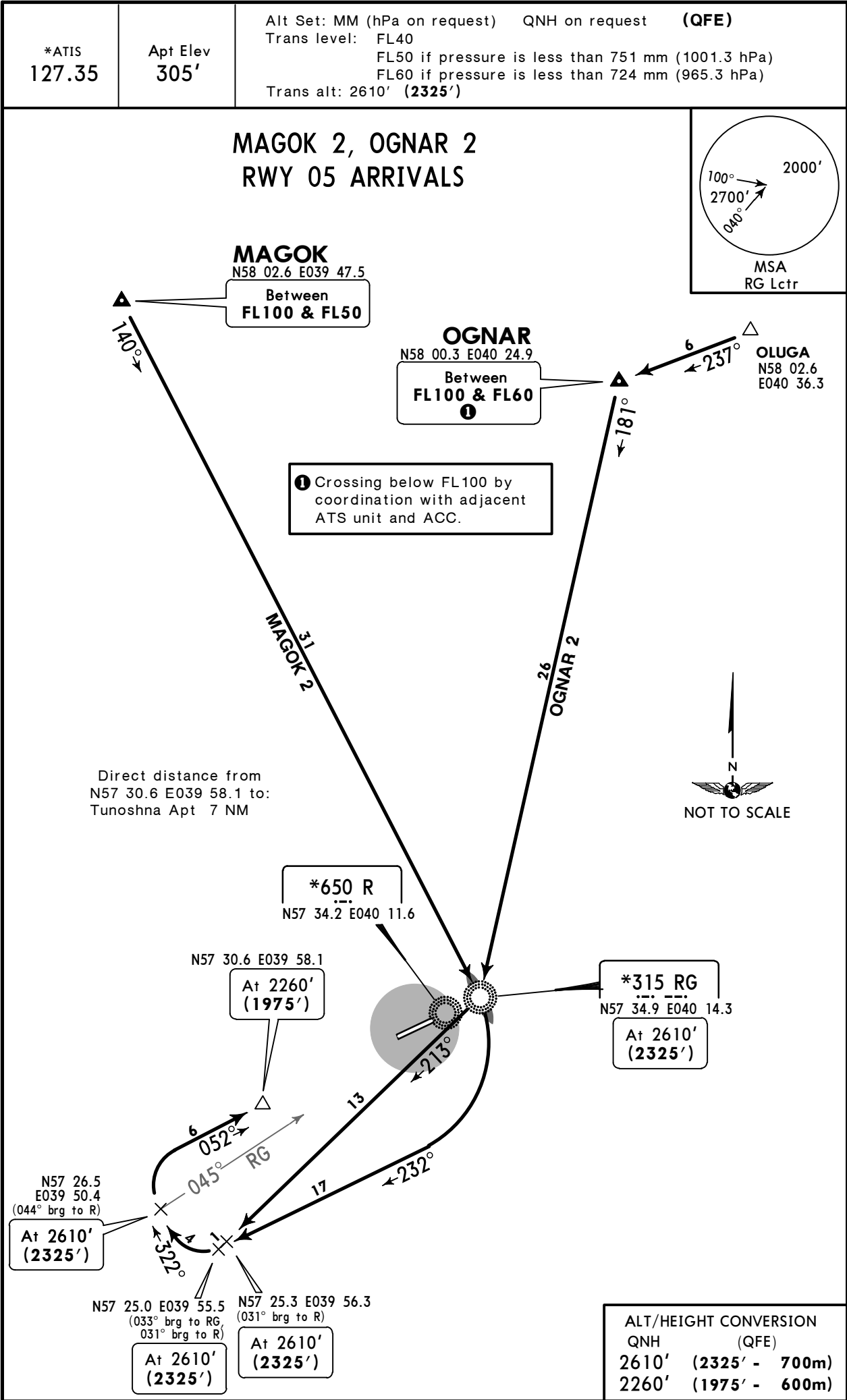
ATIS: 127.350
Yaroslavl Tower: 120.000 Secondary
Yaroslavl Tower: 120.300
Yaroslavl Tower: 129.000 Secondary
Yaroslavl Tower: 124.000 Secondary

UUDL/IAR
TUNOSHNA

JEPPESSEN
30 OCT 15 **10-2** **Eff 12 Nov**

YAROSLAVL, RUSSIA

STAR



UUDL/IAR
TUNOSHNA

JEPPESEN

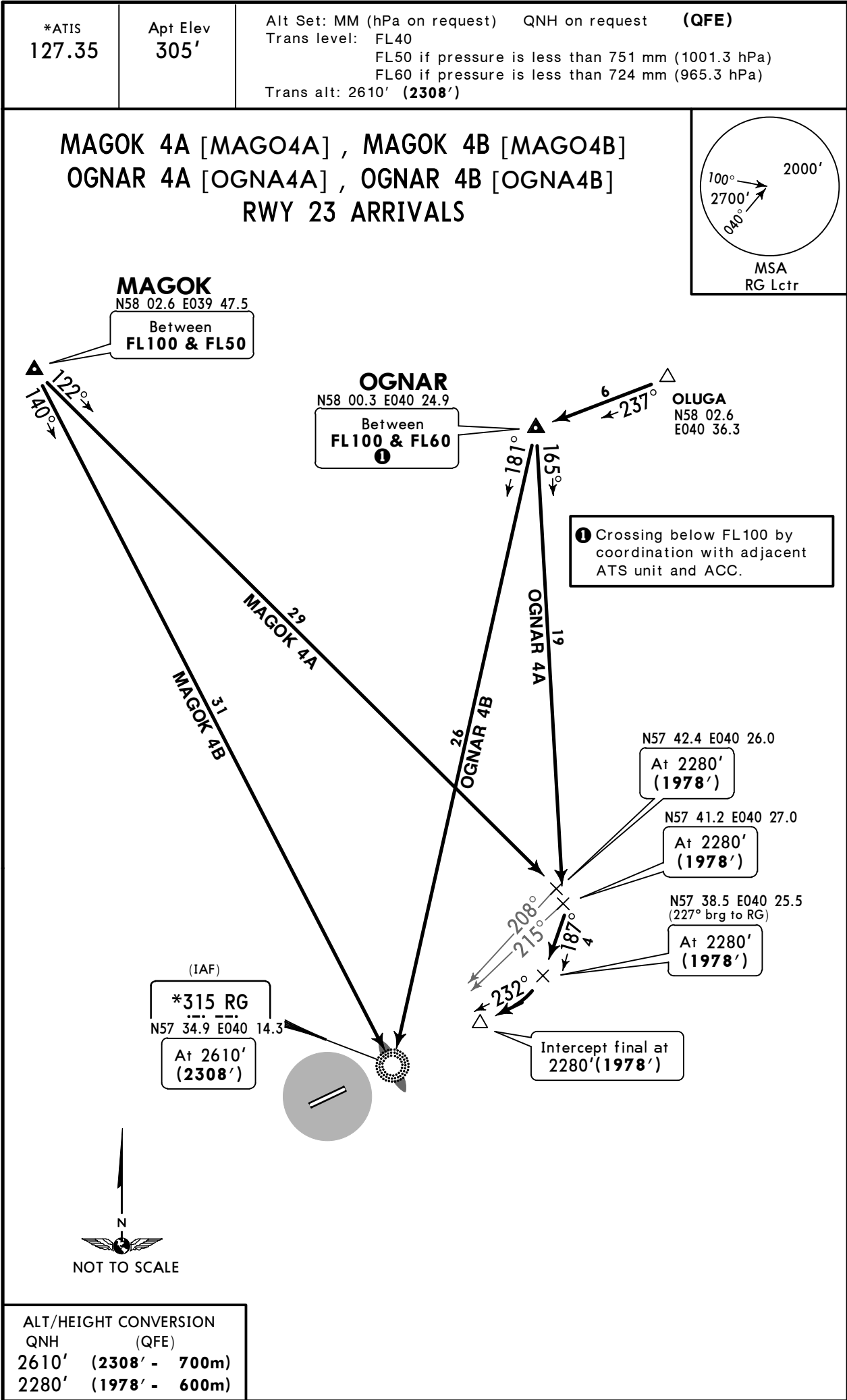
YAROSLAVL, RUSSIA

30 OCT 15

10-2A

Eff 12 Nov

STAR



UUDL/IAR
TUNOSHNA

JEPPESEN

YAROSLAVL, RUSSIA

30 OCT 15

10-2C

Eff 12 Nov

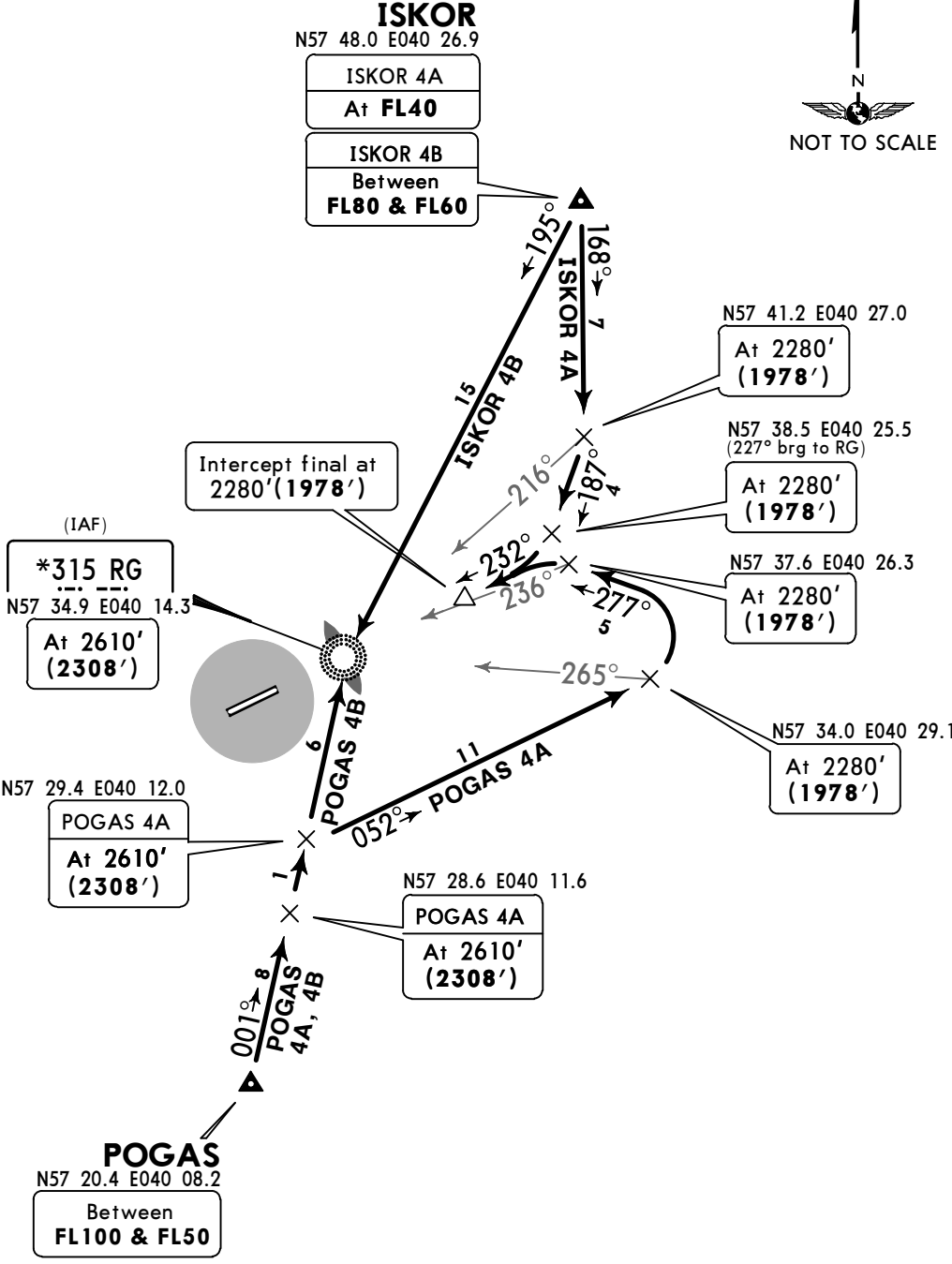
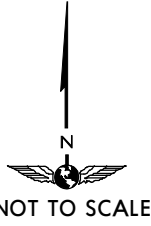
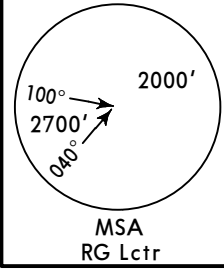
STAR

*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)
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

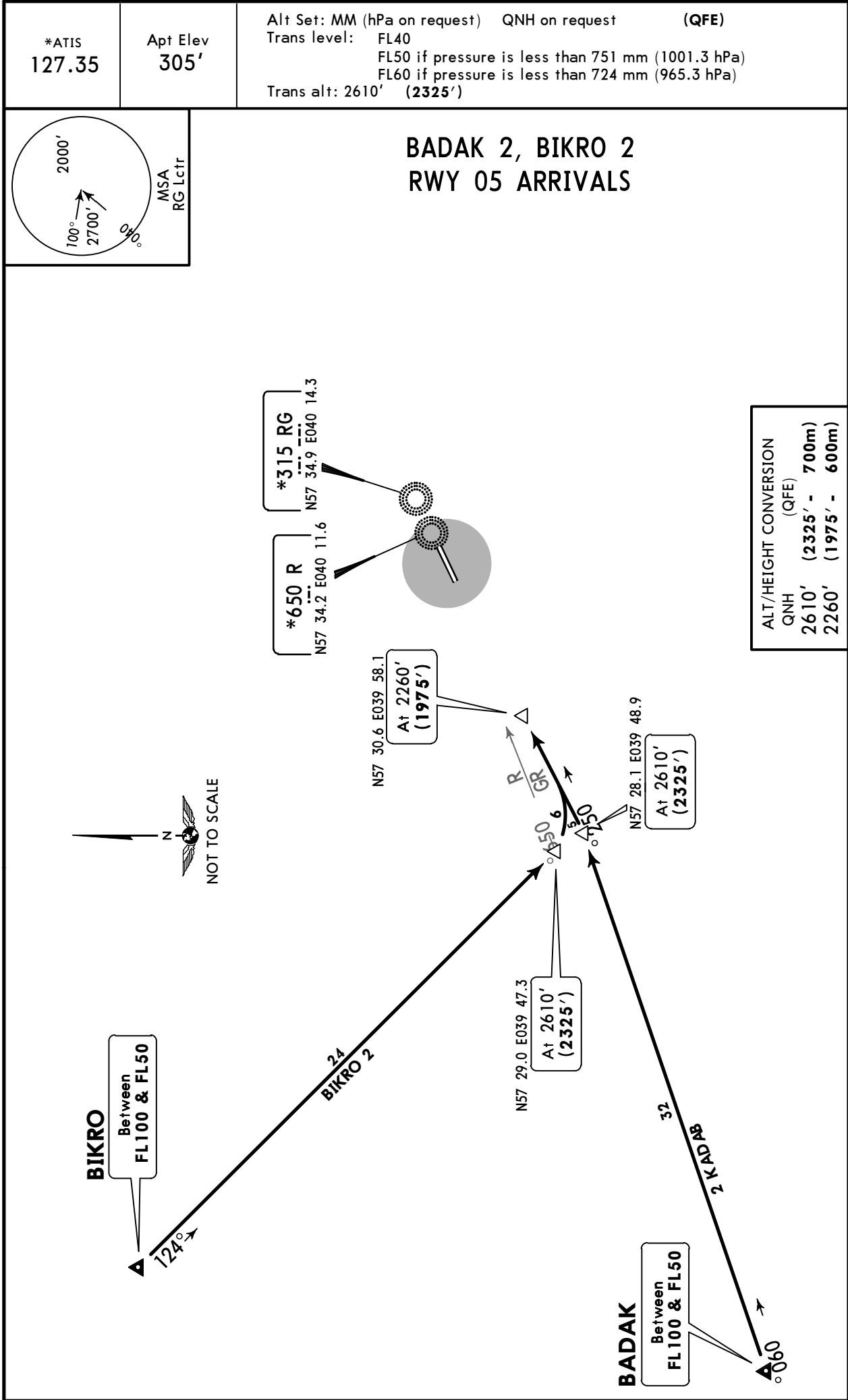


ALT/HEIGHT CONVERSION	
QNH	(QFE)
2610'	(2308' - 700m)
2280'	(1978' - 600m)

UUDL/IAR
TUNOSHNA

28 JUL 17 **10-2D**

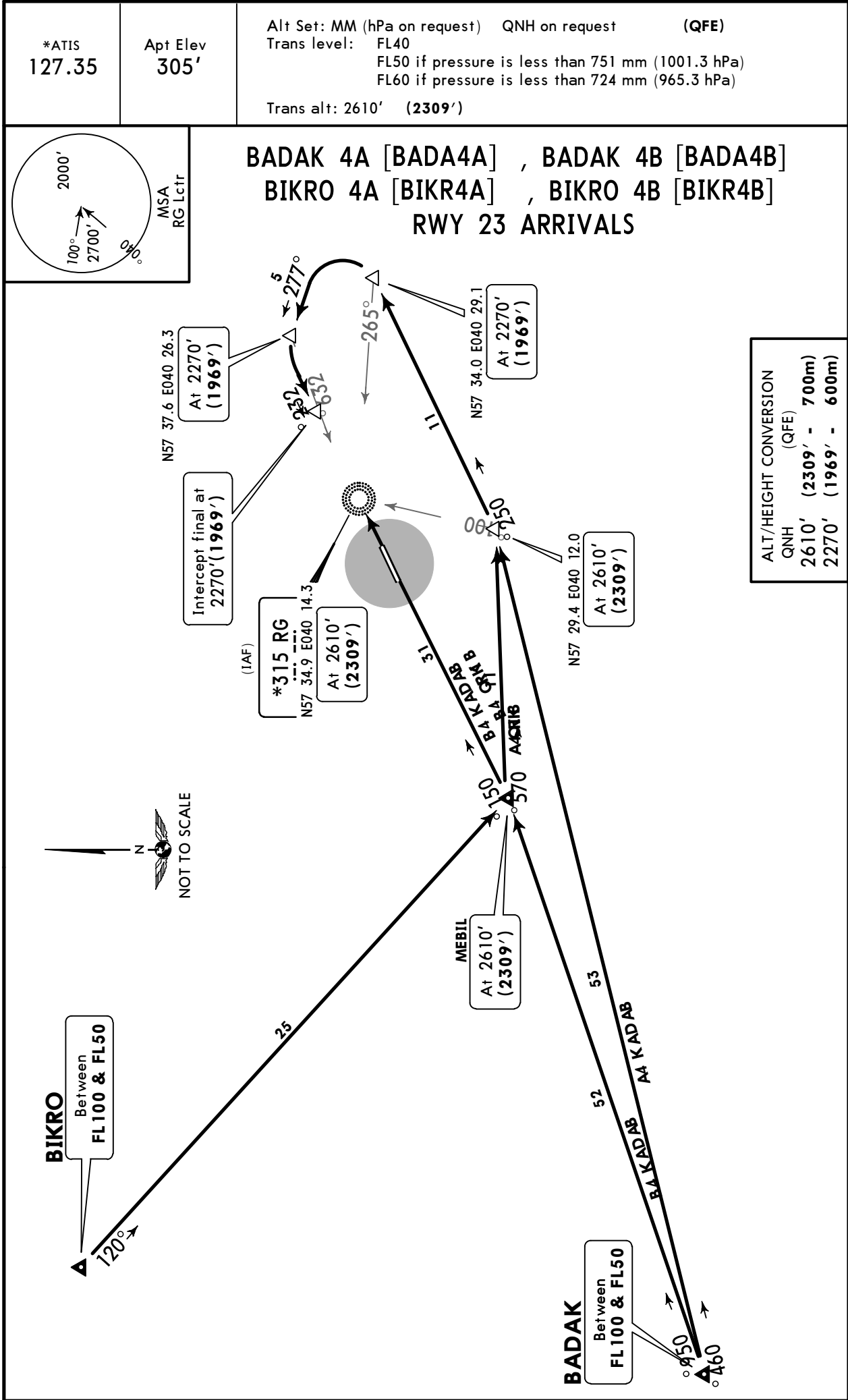
YAROSLAVL, RUSSIA
STAR



UUDL/IAR
TUNOSHNA

JEPPESSEN
28 JUL 17 10-2E

YAROSLAVL, RUSSIA
STAR



UUDL/IAR
TUNOSHNA

JEPPESSEN

YAROSLAVL, RUSSIA

30 OCT 15

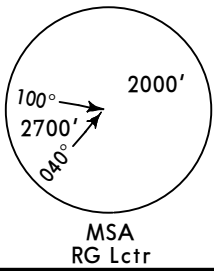
10-3

Eff 12 Nov

SID

Apt Elev
305'

QNH on request (QFE)
Trans level: FL40
FL50 if pressure is less than 751 mm (1001.3 hPa)
FL60 if pressure is less than 724 mm (965.3 hPa)
Trans alt: 2610' (2325')
1. Flights over the city of Yaroslavl below FL100 are prohibited.

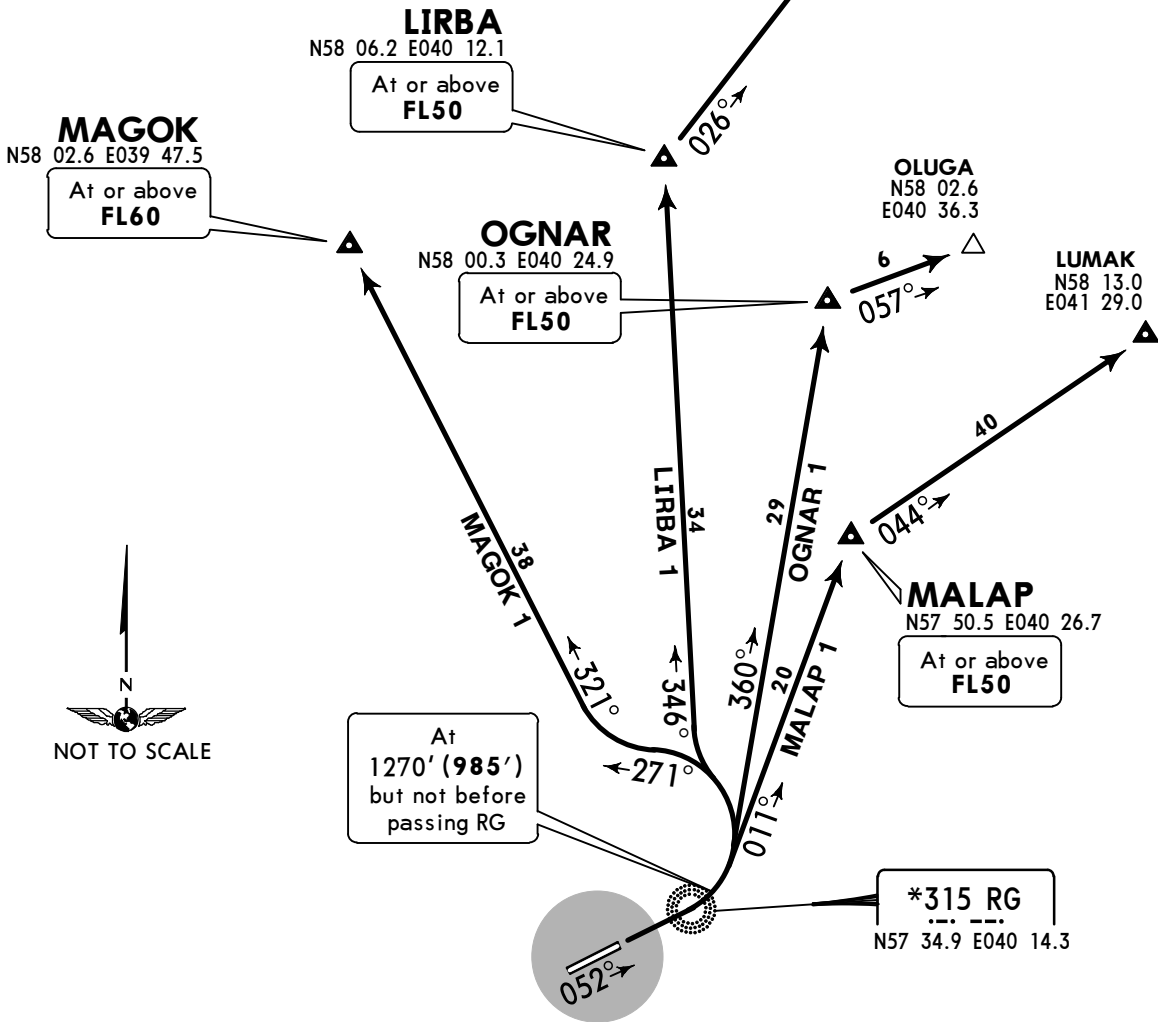


LIRBA 1, MAGOK 1

MALAP 1, OGNAR 1
BY ATC
RWY 05 DEPARTURES

KEMID
N58 44.5
E041 08.6

1 Shall be used by coordination with adjacent ATS unit and ACC with further reaching FL210 or above.



MALAP 1

This SID requires a minimum climb gradient of 4.0% up to FL50.

Gnd speed-KT	75	100	150	200	250	300
4.0% V/V (fpm)	304	405	608	810	1013	1215

If unable to comply, advise ATC.

ALT/HEIGHT CONVERSION

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

UUDL/IAR
TUNOSHNA

JEPPESSEN

YAROSLAVL, RUSSIA

30 OCT 15

10-3B

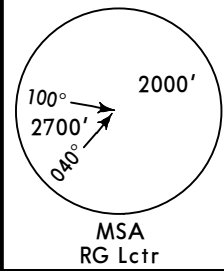
Eff 12 Nov

SID

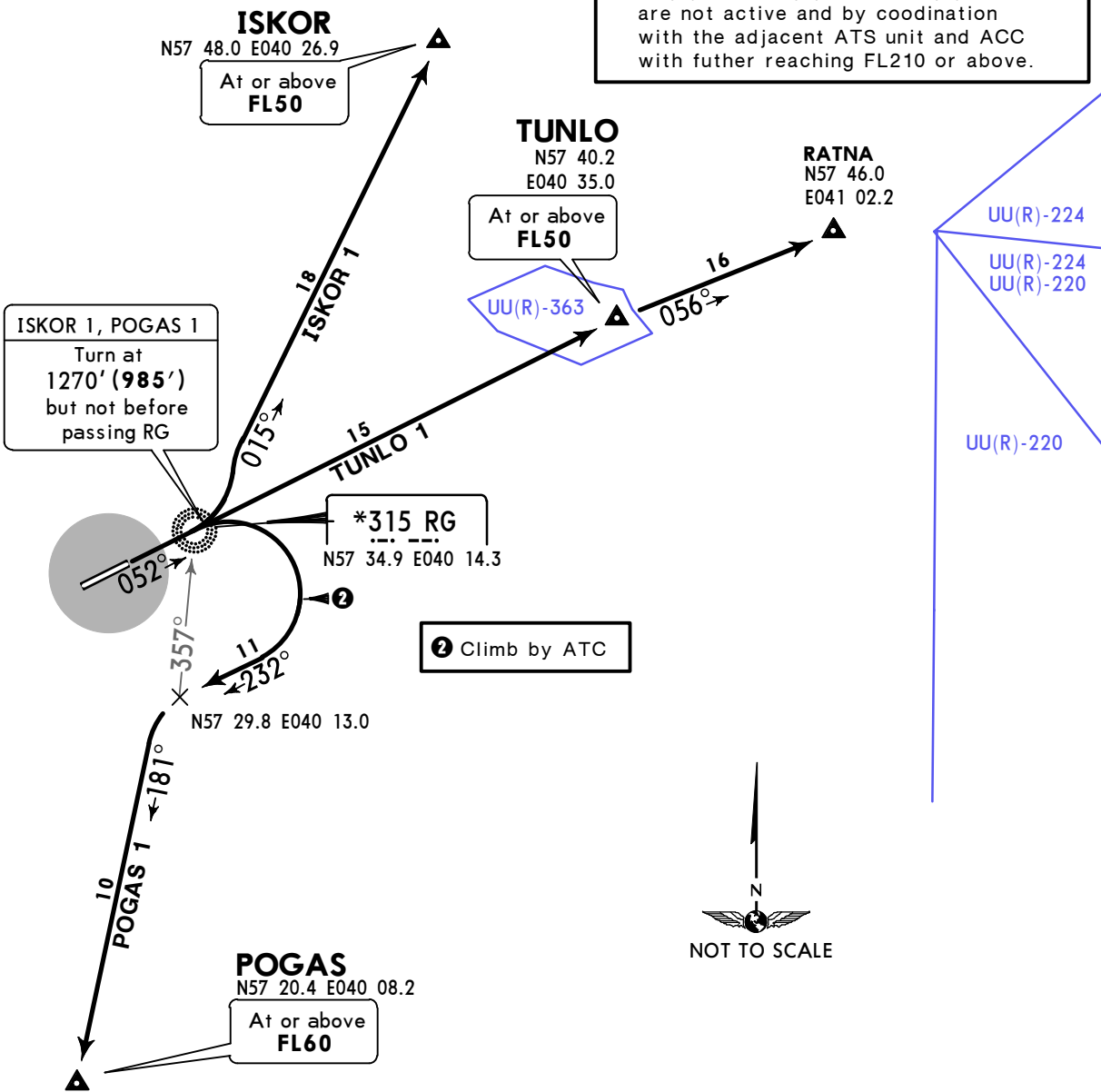
Apt Elev
305'

QNH on request (QFE)
Trans level: FL40
FL50 if pressure is less than 751 mm (1001.3 hPa)
FL60 if pressure is less than 724 mm (965.3 hPa)
Trans alt: 2610' (2325')
1. Flights over the city of Yaroslavl below FL100 are prohibited.

ISKOR 1, POGAS 1
TUNLO 1
BY ATC
RWY 05 DEPARTURES



1 To be used when areas
UU(R)-220, UU(R)-224 & UU(R)-363
are not active and by coordination
with the adjacent ATS unit and ACC
with further reaching FL210 or above.



These SIDs require minimum climb gradients
of
ISKOR 1: 4.4% up to FL50.
TUNLO 1: 5.4% up to FL50.

Gnd speed-KT	75	100	150	200	250	300
4.4% V/V (fpm)	334	446	668	891	1114	1337
5.4% V/V (fpm)	410	547	820	1094	1367	1641

If unable to comply, advise ATC.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
1270'	(985' - 300m)
2610'	(2325' - 700m)

UUDL/IAR
TUNOSHNA

JEPPESSEN
30 OCT 15 10-3C Eff 12 Nov

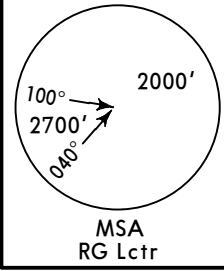
YAROSLAVL, RUSSIA
SID

Apt Elev 305'	QNH on request (QFE) Trans level: FL40 FL50 if pressure is less than 751 mm (1001.3 hPa) FL60 if pressure is less than 724 mm (965.3 hPa) Trans alt: 2610' (2308') 1. Flights over the city of Yaroslavl below FL100 are prohibited.
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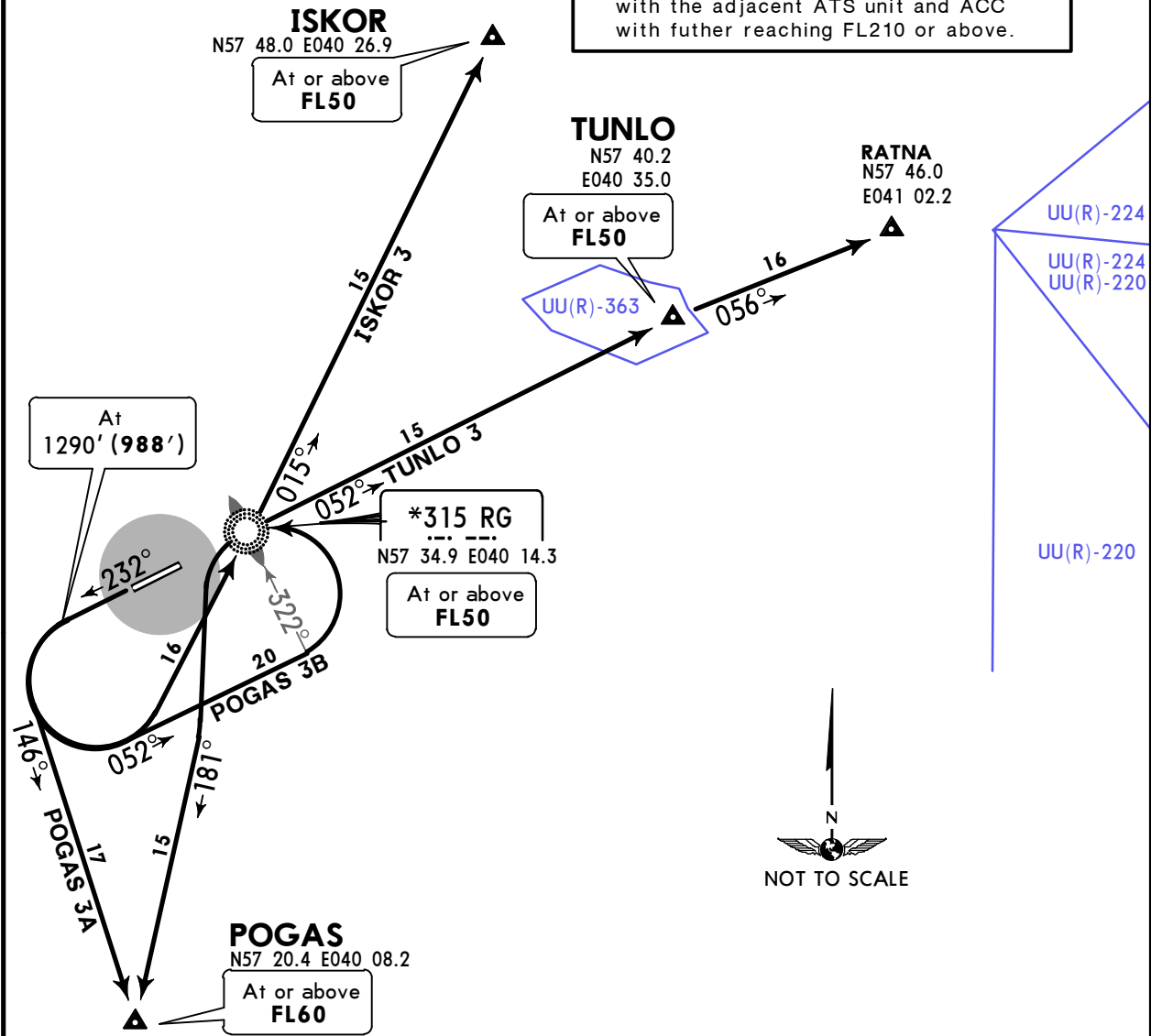
ISKOR 3, POGAS 3A[POGA3A]

POGAS 3B [POGA3B], TUNLO 3
BY ATC

RWY 23 DEPARTURES



① To be used when areas
UU(R)-220, UU(R)-224 & UU(R)-363
are not active and by coordination
with the adjacent ATS unit and ACC
with further reaching FL210 or above.



POGAS 3A:

This SID requires a minimum climb gradient
of
6.0% up to FL60.

Gnd speed-KT	75	100	150	200	250	300
6.0% V/V (fpm)	456	608	911	1215	1519	1823

If unable to comply, inform ATC.

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

UUDL/IAR
TUNOSHNA

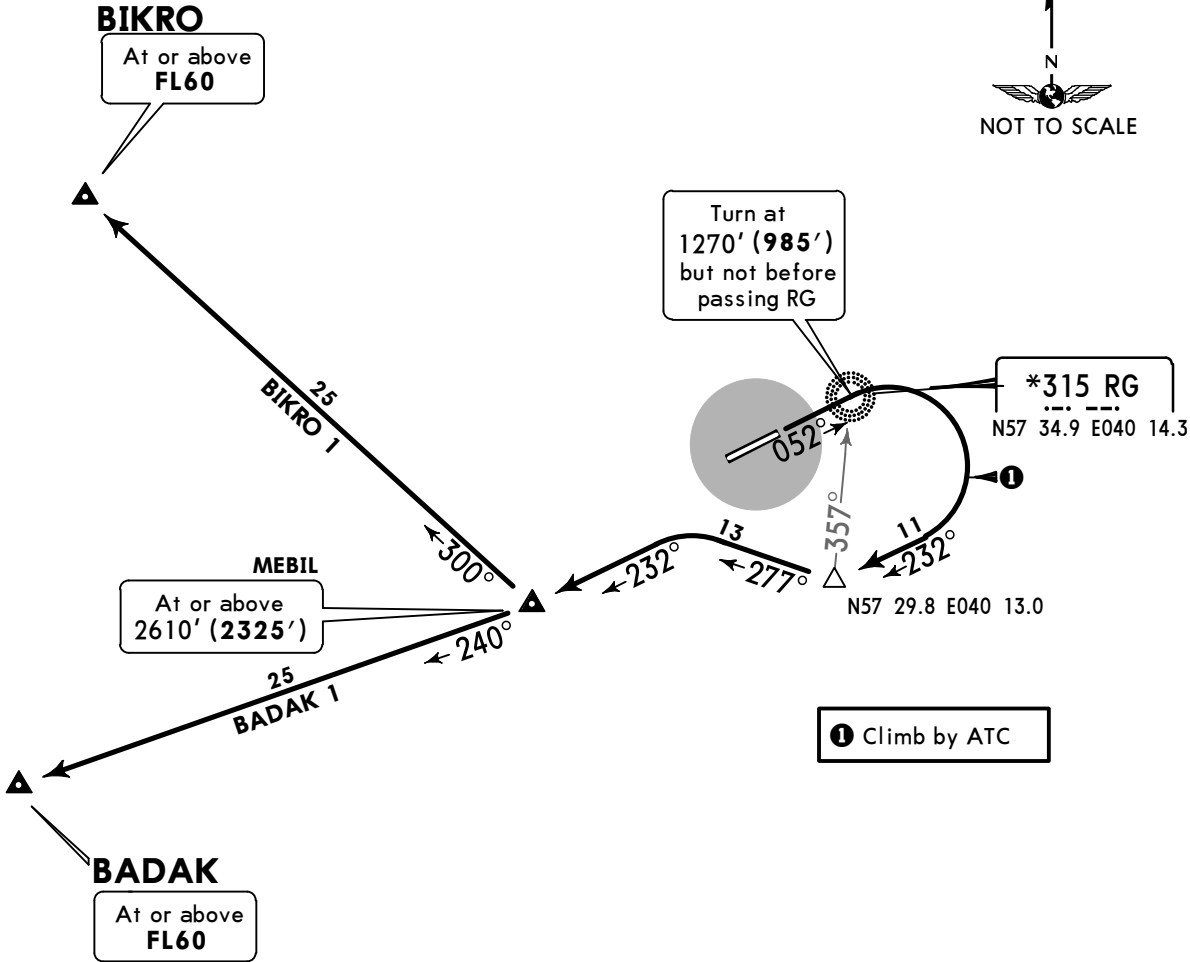
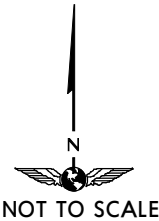
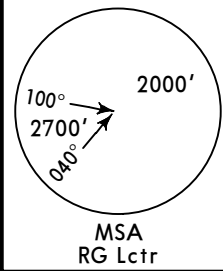
JEPPESEN
28 JUL 17 10-3D

YAROSLAVL, RUSSIA
SID

Apt Elev
305'

QNH on request (QFE)
Trans level: FL40
FL50 if pressure is less than 751 mm (1001.3 hPa)
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, BIKRO 1
RWY 05 DEPARTURES

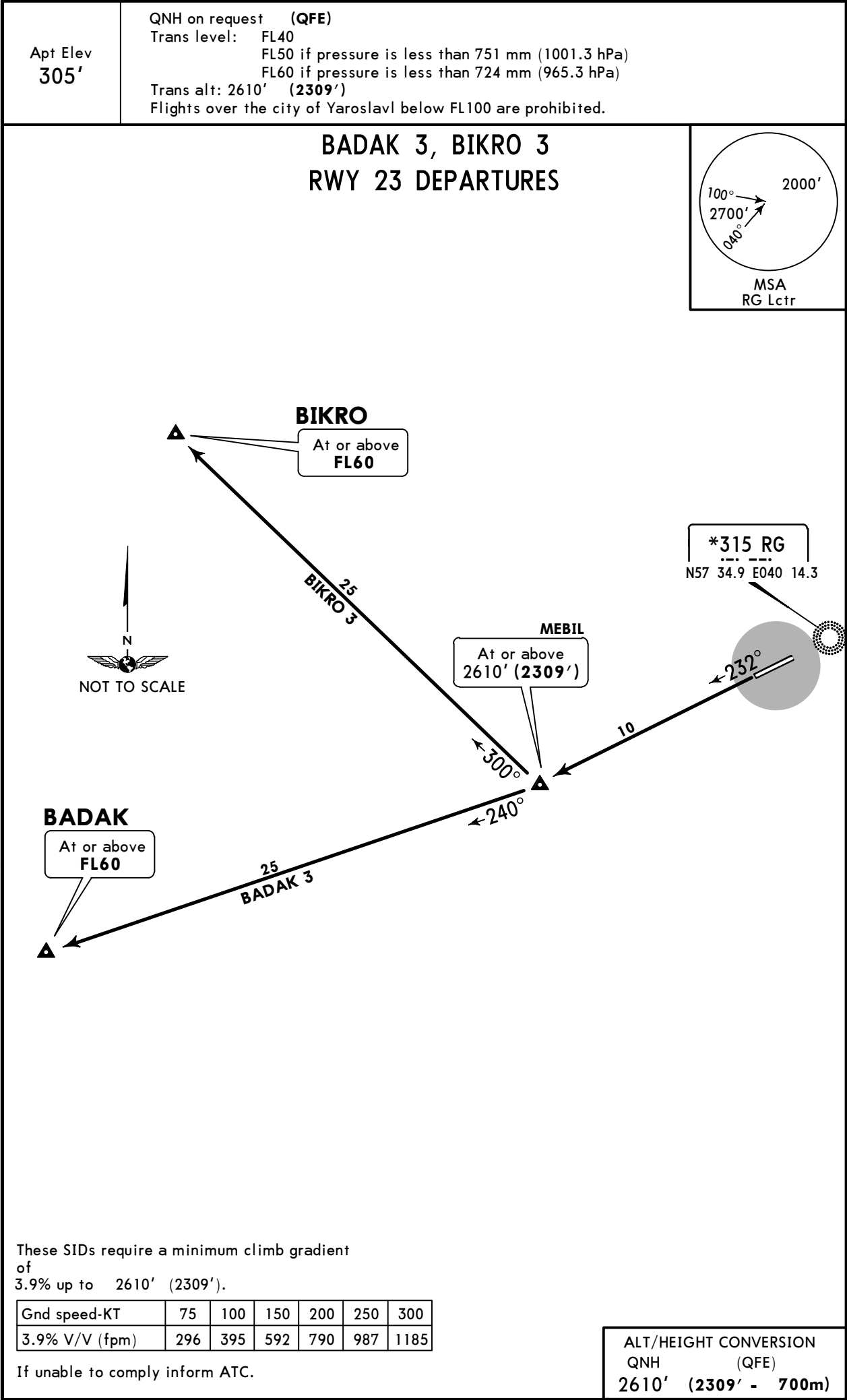


ALT/HEIGHT CONVERSION	
QNH	(QFE)
1270'	(985' - 300m)
2610'	(2325' - 700m)

UUDL/IAR
TUNOSHNA

JEPPESEN
28 JUL 17 10-3E

YAROSLAVL, RUSSIA
SID



UUDL/IAR

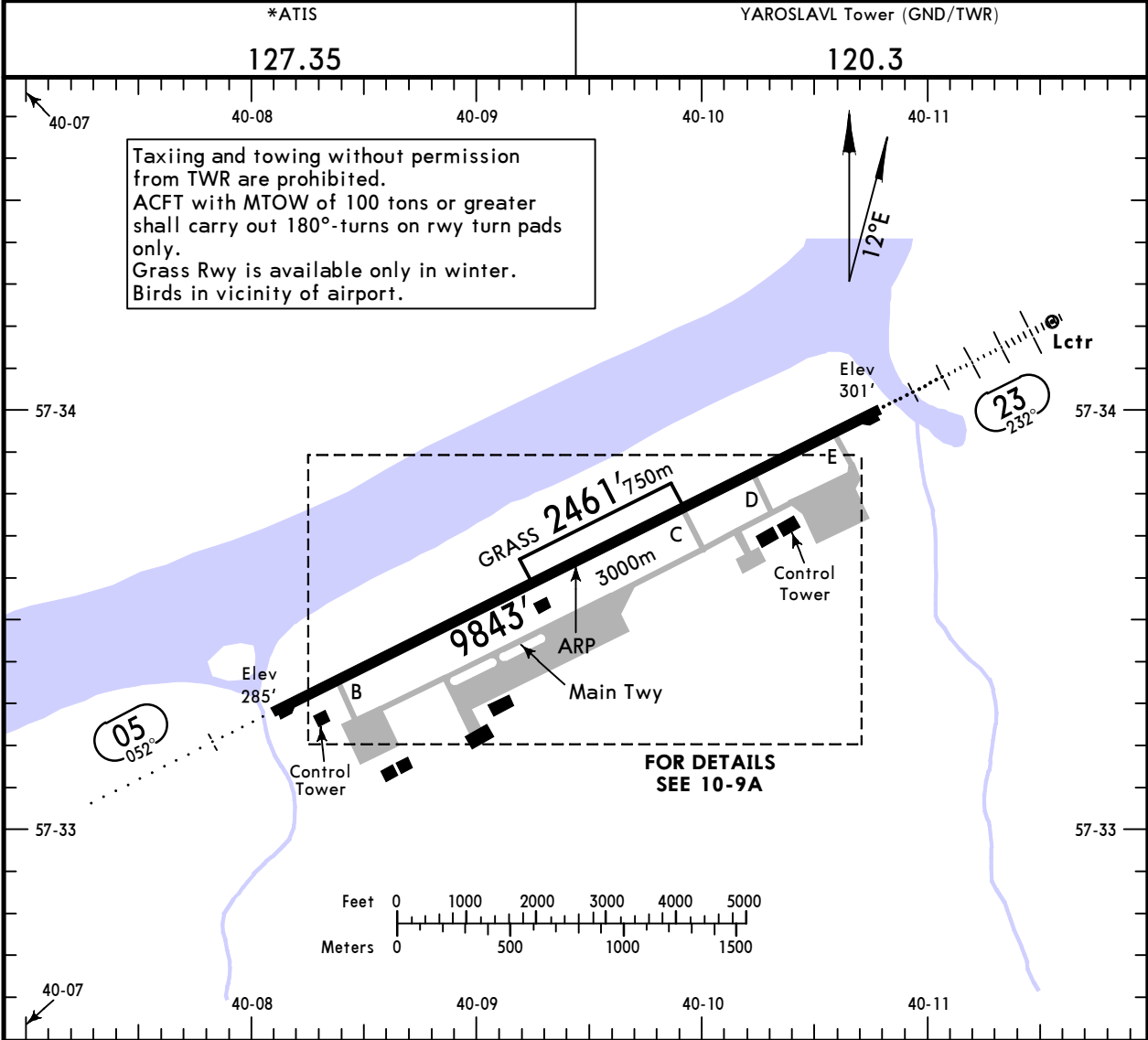
Apt Elev **305'**
N57 33.6 E040 09.5

 **JEPPESSEN**

30 OCT 15 **10-9** **Eff 12 Nov**

YAROSLAVL, RUSSIA

TUNOSHNA



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

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

UUDL/IAR



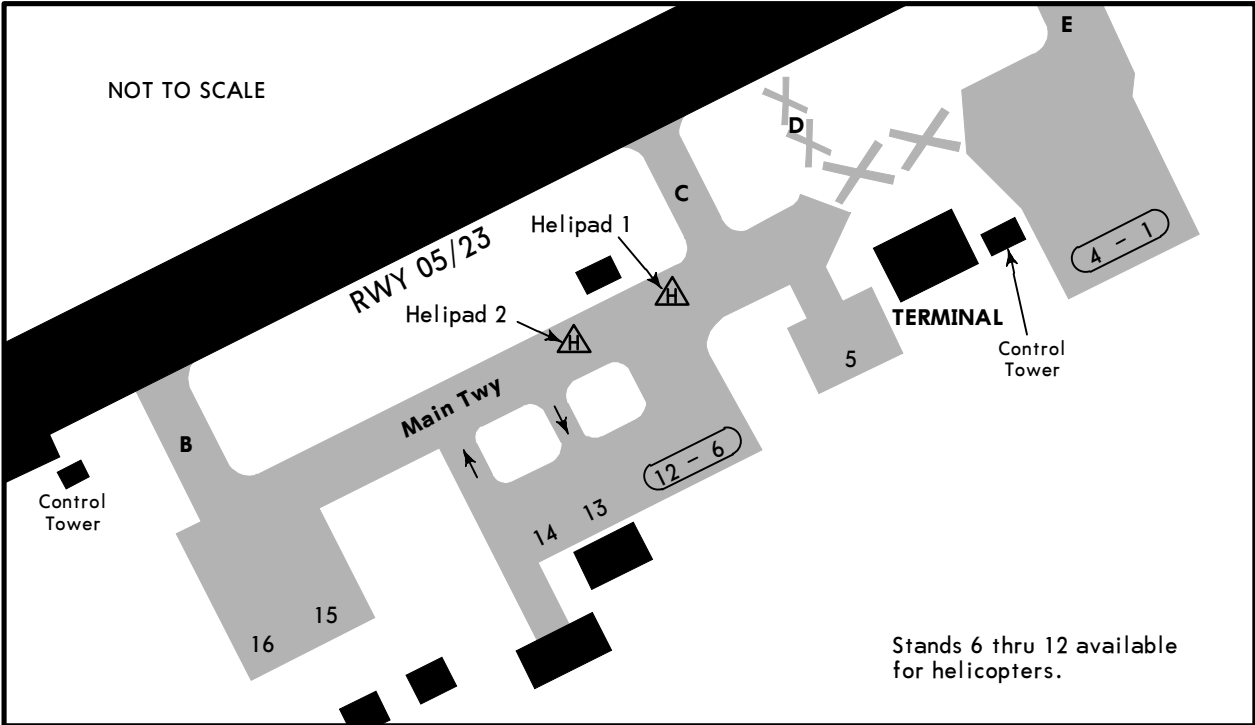
YAROSLAVL, RUSSIA

30 OCT 15

10-9A

Eff 12 Nov

TUNOSHNA



INS COORDINATES

STAND No.	COORDINATES	STAND No.	COORDINATES
1	N57 33.8 E040 10.6		
2, 3	N57 33.8 E040 10.5		
4	N57 33.8 E040 10.4		
5	N57 33.7 E040 10.1		
6 thru 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		
16	N57 33.3 E040 08.5		

UUDL/IAR

 JEPPESEN

6 DEC 13

10-9S

Eff 12 Dec

Standard
YAROSLAVL, RUSSIA
TUNOSHNA

STRAIGHT-IN RWY	A	B	C	D
05 NDB ❶❷	840' (555') R1500m R1500m	840' (555') R1500m R1500m	840' (555') C2300m C2400m	840' (555') C2300m C2400m
NDB ❸	1110' (825') C3800m C4000m	1110' (825') C3800m C4000m	1110' (825') C4000m C4200m	1110' (825') C4000m C4200m
ALS out				
23 ILS FULL Limited ALS out	502' (200') R550m R750m R1200m	502' (200') R550m R750m R1200m	502' (200') R550m R750m R1200m	502' (200') R550m R750m R1200m
LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
2 NDB ❶❷	660' (358') R900m R1500m	660' (358') R900m R1500m	660' (358') R900m R1600m	660' (358') R900m R1600m
ALS out				
2 NDB ❸	1200' (898') C3500m C4200m	1200' (898') C3500m C4200m	1200' (898') C3700m C4400m	1200' (898') C3700m C4400m
ALS out				
R Lctr ❶❷	690' (388') R1100m R1500m	690' (388') R1100m R1500m	690' (388') R1100m R1800m	690' (388') R1100m R1800m
ALS out				
R Lctr ❸	1010' (708') C2800m C3500m	1010' (708') C2800m C3500m	1010' (708') C3000m C3700m	1010' (708') C3000m C3700m
ALS out				
RG NDB ❶❷	710' (408') R1200m R1500m	750' (448') R1400m R1500m	750' (448') R1400m C2100m	800' (498') R1500m C2300m
ALS out				
RG NDB ❶❸	710' (408') R1200m R1900m	750' (448') R1400m C2100m	750' (448') R1400m C2100m	800' (498') R1500m C2300m
ALS out				

❶ Continuous Descent Final Approach.

❷ with FAF.

❸ w/o FAF.

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
TUNOSHNA

JEPPESSEN
30 OCT 15 (11-1) Eff 12 Nov

YAROSLAVL, RUSSIA
ILS Rwy 23

*ATIS

127.35

*YAROSLAVL Tower (APP/TWR)

120.3

*Ground

120.3

LOC
IRG

*110.5

Final
Apch Crs

232°

GS
LOM

1040'(738')

ILS
DA(H)

502'(200')

Apt Elev

305'

Rwy

302'

MISSED APCH: Climb on 232° to 1290'(988') , then turn LEFT onto 052° climbing to 2280'(1978') , then according to chart or as directed.
Start turn not further than 5.4 NM from threshold rwy 23.

MSA

RG NDB

Alt Set: MM (hPa on req)

QNH on req (QFE)

Trans level: FL 40 1

Trans alt: 2610' (2308')

STRAIGHT-IN LANDING RWY 23			
ILS		LOC (GS out)	
DA(H) 502'(200')			
FULL	ALS out		
A			
B			
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED
D			

CHANGES: Communications.

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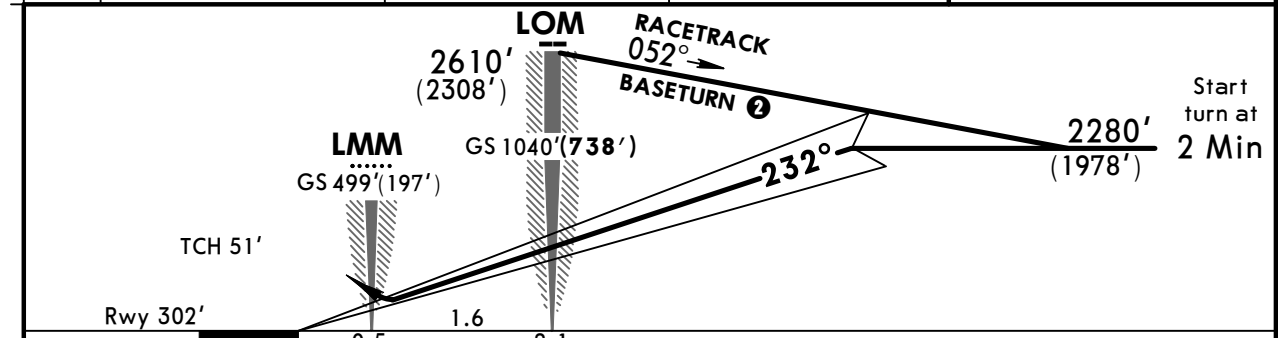
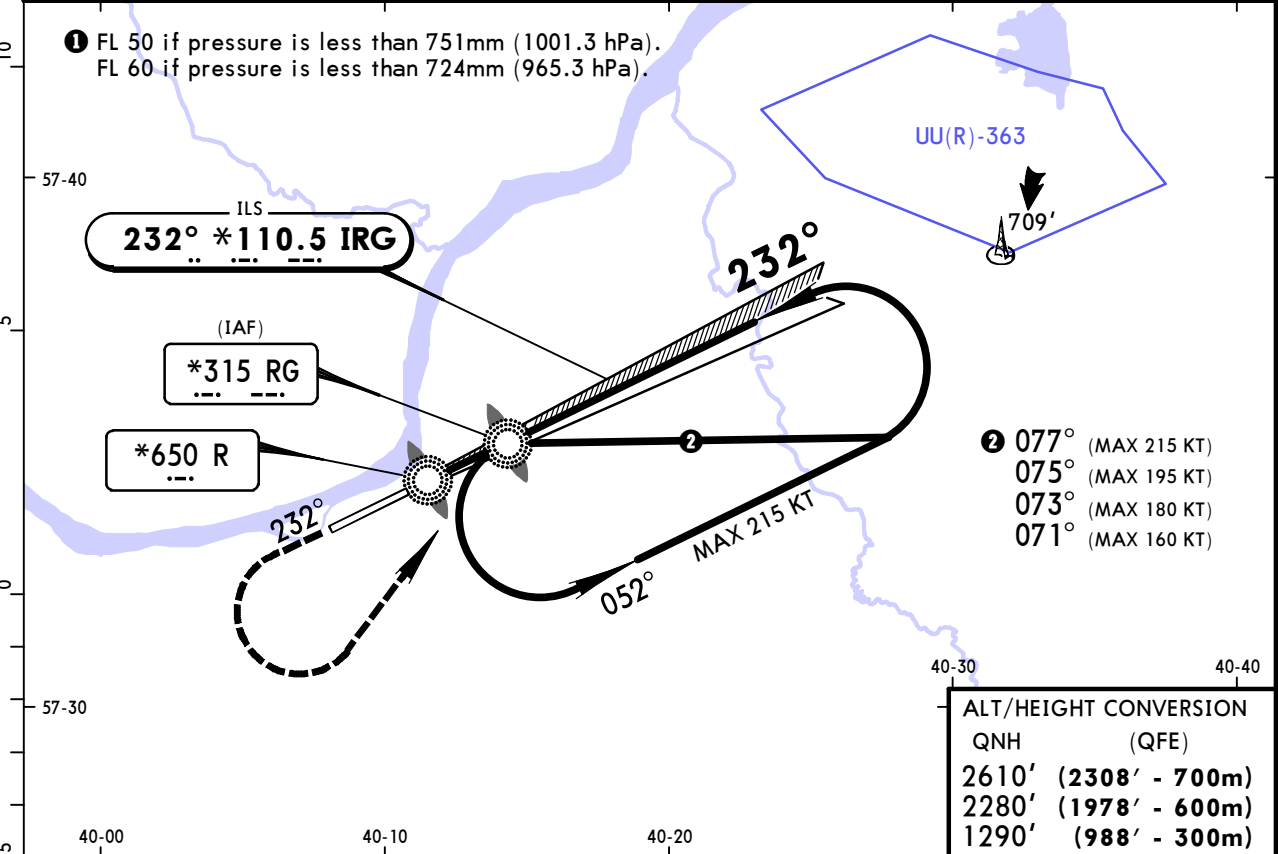
UUDL/IAR
TUNOSHNA

JEPPesen
30 OCT 15
Eff 12 Nov
11-2
CAT C & D

YAROSLAVL, RUSSIA
via RG NDB ILS Rwy 23

BRIEFING STRIP™

*ATIS 127.35		*YAROSLAVL Tower (APP/TWR) 120.3		*Ground 120.3	
LOC IRG *110.5	Final Apch Crs 232°	GS LOM 1040'(738')	ILS DA(H) 502'(200')	Apt Elev 305' Rwy 302'	
MISSED APCH: Climb on 232° to 1290'(988'), then turn LEFT to RG NDB climbing to 2610'(2308'), then according to chart or as directed. Start turn not further than 5.4 NM from threshold rwy 23.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40 ①	



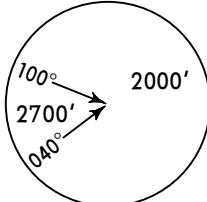
1290' (988')	on 232°	2610' (2308')	RG 315
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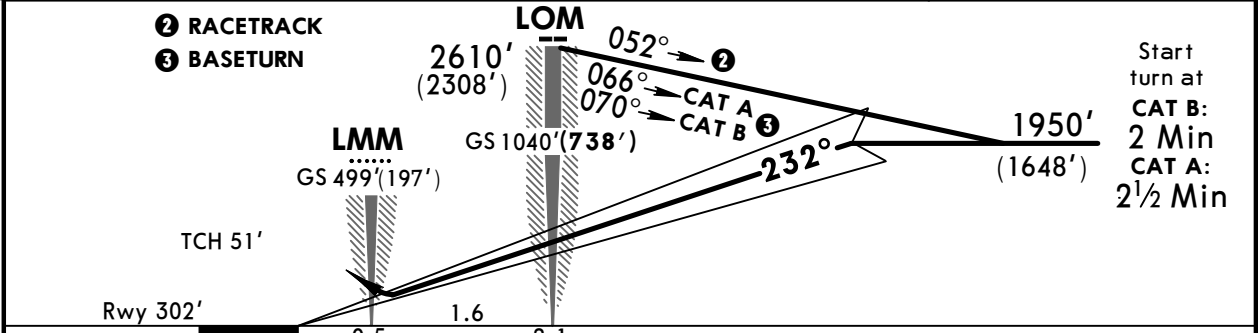
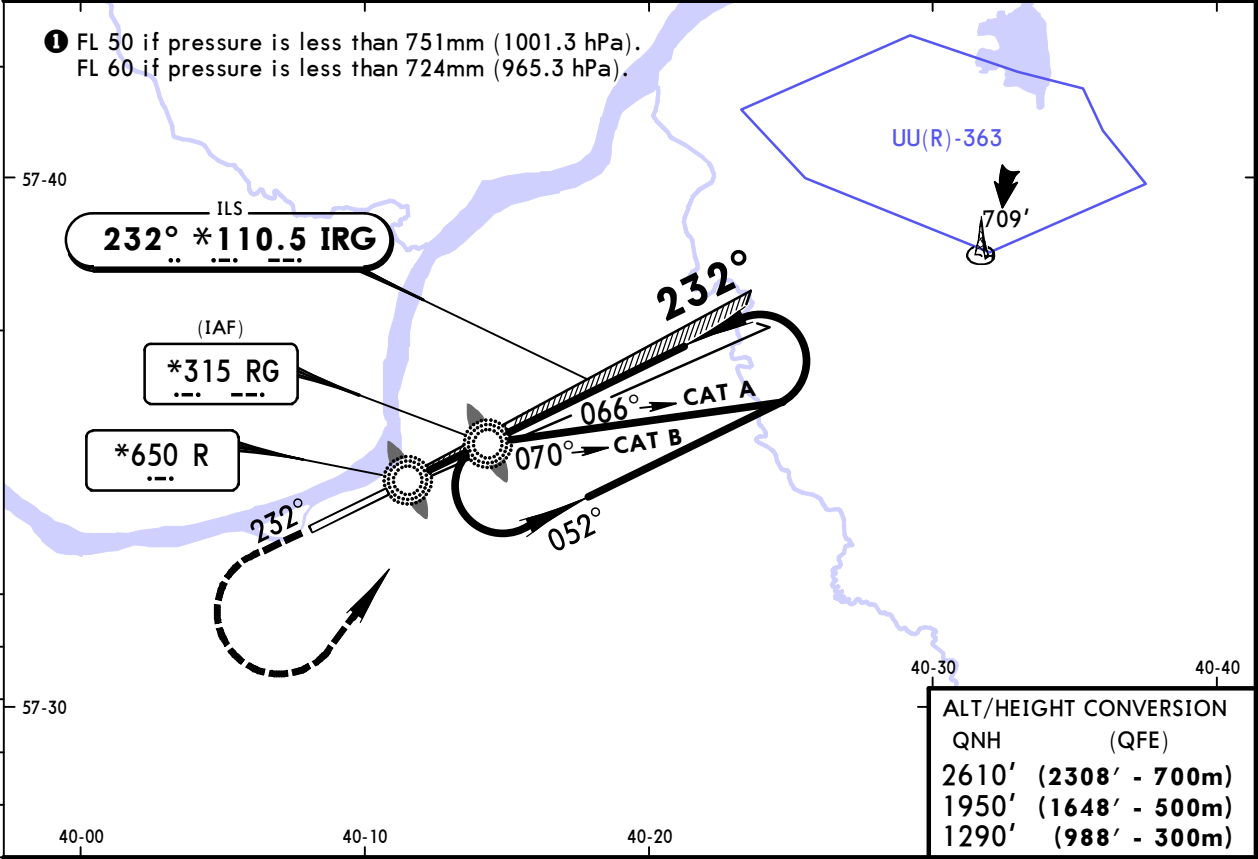
STRAIGHT-IN LANDING RWY 23			
ILS DA(H) 502'(200')		LOC (GS out)	
FULL	ALS out		
A	see 11-3		
B			
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED
D			

UUDL/IAR
TUNOSHNA

JEPPESSEN
30 OCT 15
Eff 12 Nov
11-3
CAT A & B

YAROSLAVL, RUSSIA
via RG NDB ILS Rwy 23

*ATIS	*YAROSLAVL Tower (APP/TWR)			*Ground	
127.35	120.3			120.3	
LOC IRG *110.5	Final Apch Crs 232°	GS LOM 1040'(738')	ILS DA(H) 502'(200')	Apt Elev 305'	Rwy 302'
MISSED APCH: Climb on 232° to 1290'(988'), then turn LEFT to RG NDB climbing to 2610'(2308'), then according to chart or as directed. Start turn not further than 5.4 NM from threshold rwy 23.					 MSA RG NDB
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40 ①	
				Trans alt: 2610' (2308')	



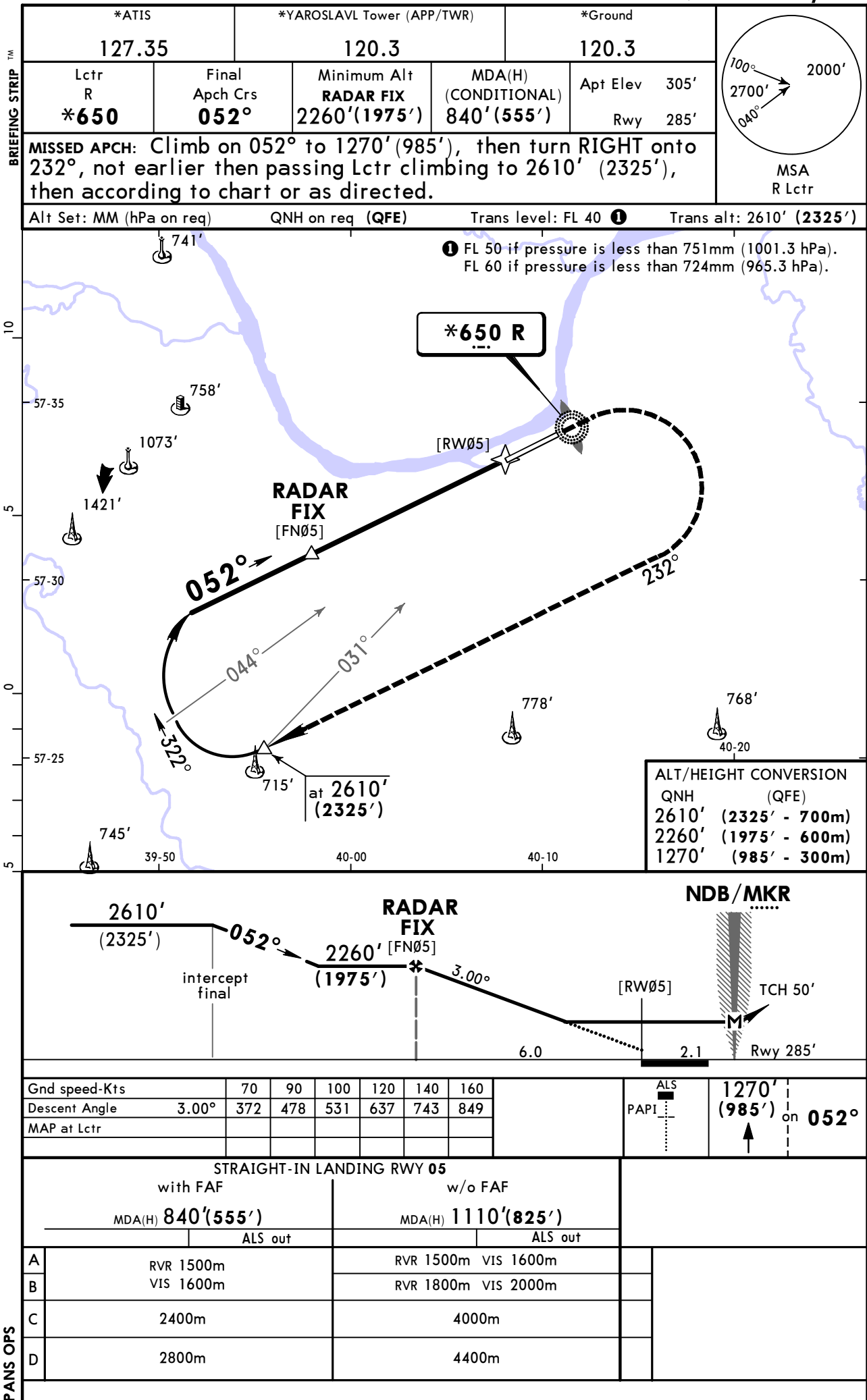
Gnd speed-Kts	70	90	100	120	140	160	HIALS	1290' (988')	on 232°	2610' (2308')	RG 315
GS	3.00°	372	478	531	637	743	849	PAPI		LT	

STRAIGHT-IN LANDING RWY 23					
ILS			LOC (GS out)		
DA(H) 502'(200')					
FULL		ALS out			
A	RVR 720m VIS 800m		NOT AUTHORIZED		
B					
C	see 11-2				
D					

UUDL/IAR
TUNOSHNA

JEPPESSEN
30 OCT 15 **(16-1)** **Eff 12 Nov**

YAROSLAVL, RUSSIA
NDB/MKR Rwy 05



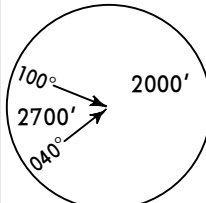
UUDL/IAR
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JEPPESSEN
YAROSLAVL, RUSSIA

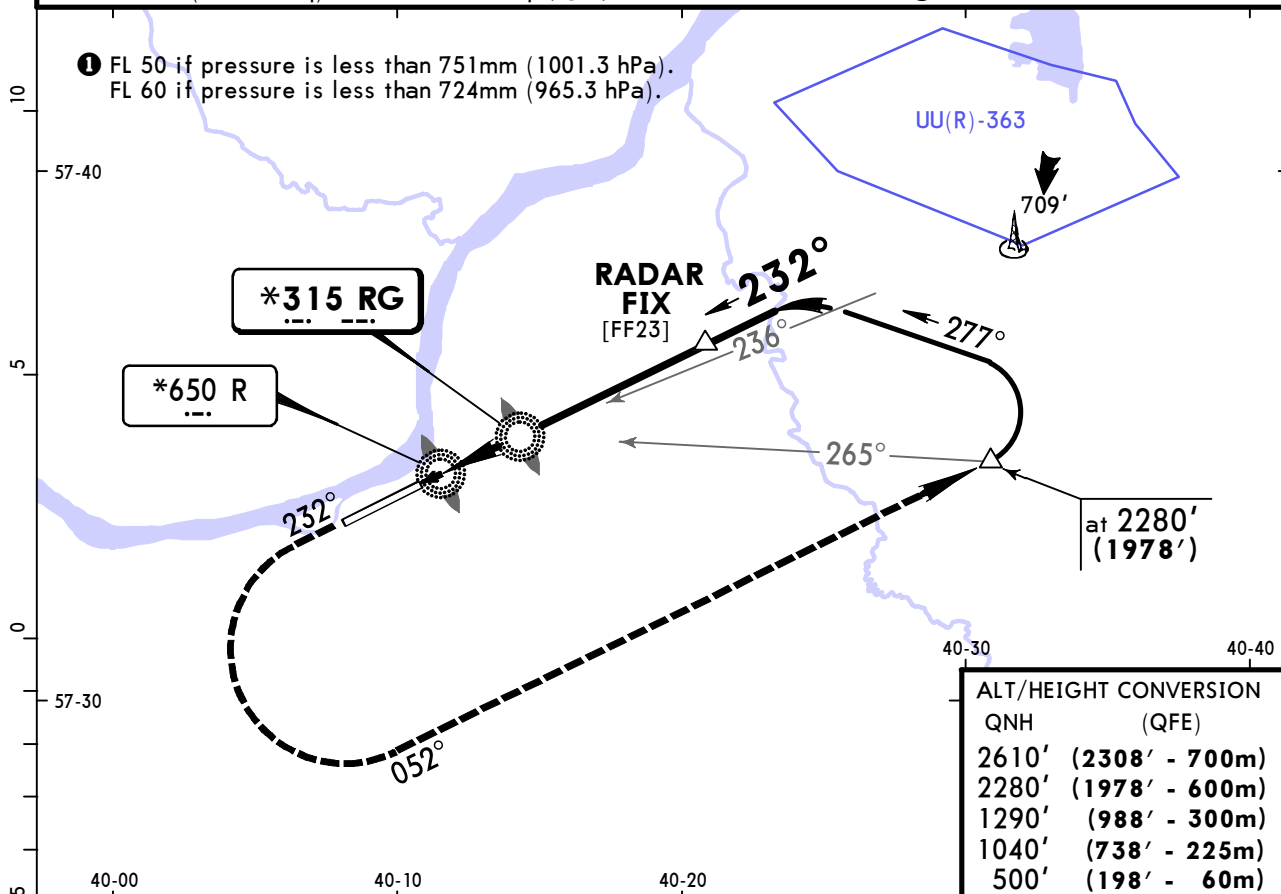
30 OCT 15

(16-2)

Eff 12 Nov
2 NDB or NDB Rwy 23

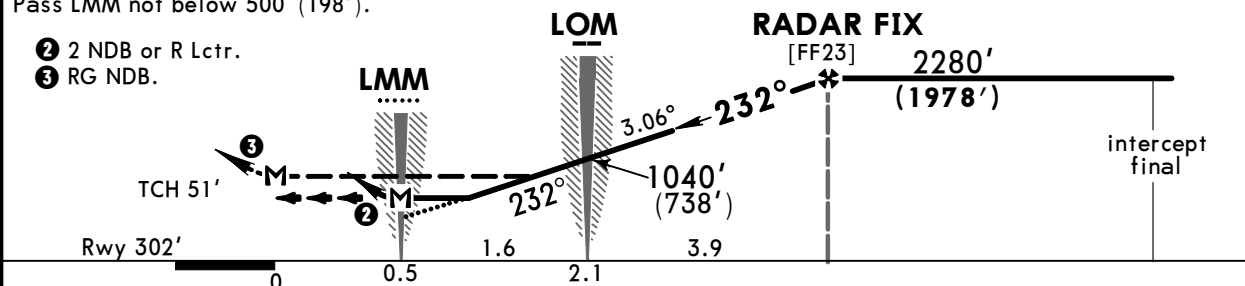
BRIEFING STRIP™

*ATIS 127.35		*YAROSLAVL Tower (APP/TWR) 120.3		*Ground 120.3		
NDB RG *315	Final ApcH Crs 232°	Minimum Alt RADAR FIX 2280'(1978')	MDA(H) Refer to Minimums	Apt Elev 305' Rwy 302'		
MISSED APCH: Climb on 232° to 1290' (988') , then turn LEFT onto 052° climbing to 2280' (1978'), then according to chart or as directed. Start turn not further than 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' (2308')		



Pass LMM not below 500' (198').

- ② 2 NDB or R Lctr.
③ RG NDB.



Gnd speed-Kts	70	90	100	120	140	160	 HIALS PAPI	1290' (988')	on 232°	052° LT	2280' (1978')
Descent Angle	3.06°	379	487	541	650	758					
MAP at LMM ②											
LOM to MAP ③	2.1	1:48	1:24	1:16	1:03	0:54					

STRAIGHT-IN LANDING RWY 23						RG NDB ①	
2 NDB AB: 630'(328') CD: 650'(348')		R Lctr MDA(H) 690'(388')		MDA(H) 690'(388')		BC: 750'(448') D: 800'(498')	
ALS out		ALS out		ALS out		ALS out	
A	1200m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m	
B						RVR 1800m VIS 2000m	
C							
D	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m	RVR 1800m VIS 2000m	2400m	
① CAT A: MDA(H) 710'(408').							

CHANGES: Communications.

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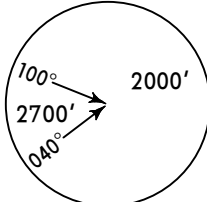
UUDL/IAR
TUNOSHNA

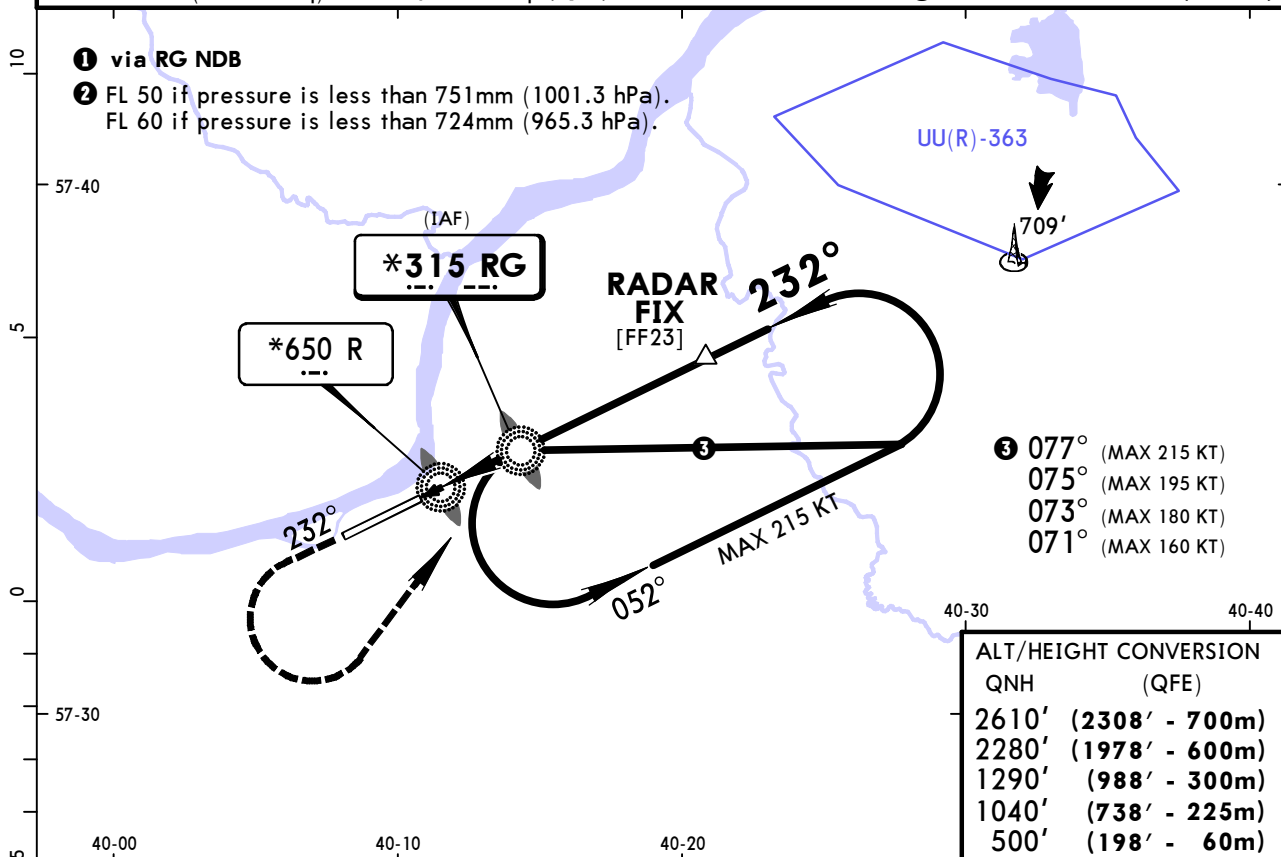
30 OCT 15
Eff 12 Nov

16-3

CAT C & D

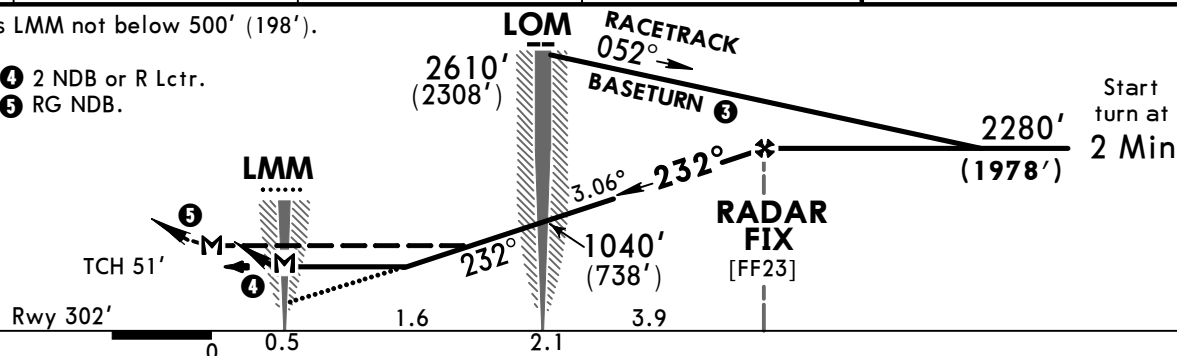
YAROSLAVL, RUSSIA
2 NDB or NDB Rwy 23

*ATIS	*YAROSLAVL Tower (APP/TWR)			*Ground	
127.35	120.3			120.3	
NDB RG *315	Final Apch Crs 232°	Minimum Alt RADAR FIX 2280'(1978')	MDA(H) Refer to Minimums	Apt Elev 305'	Rwy 302'
MISSED APCH: Climb on 232° to 1290' (988'), then turn LEFT to RG NDB climbing to 2610' (2308'), then according to chart or as directed. Start turn not further than 5.4 NM from threshold rwy 23.					 MSA RG NDB
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40 2	
				Trans alt: 2610' (2308')	



Pass LMM not below 500' (198').

- 4 2 NDB or R Lctr.
5 RG NDB.



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1290' (988')	2610' (2308')	RG 315
Descent Angle	3.06°	379	487	541	650	758	866	PAPI	232°	LT
MAP at LMM	4									
LOM to MAP	5	2.1	1:48	1:24	1:16	1:03	0:54	0:47		

STRAIGHT-IN LANDING RWY 23

with FAF		2 NDB		w/o FAF		with FAF		R Lctr		w/o FAF		MDA(H) RG NDB		
MDA(H) 650'(348')		MDA(H) 1200'(898')		MDA(H) 690'(388')		MDA(H) 1010'(708')		C:750'(448')		D:800'(498')				
ALS out		ALS out		ALS out		ALS out		ALS out		ALS out		ALS out		
A	see 16-4			see 16-4			see 16-4			see 16-4			see 16-4	
B														
C	1200m	RVR1500m VIS 1600m	3600m	4400m	1200m	RVR1500m VIS 1600m	2400m	3200m	1200m	RVR1800m VIS 2000m				
D	RVR1500m VIS 1600m	RVR1800m VIS 2000m	4400m	4800m	RVR1500m VIS 1600m	RVR1800m VIS 2000m	3200m	3600m	RVR1800m VIS 2000m	2400m				

CHANGES: Communications.

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UUDL/IAR
TUNOSHNA

30 OCT 15
Eff 12 Nov

(16-4)

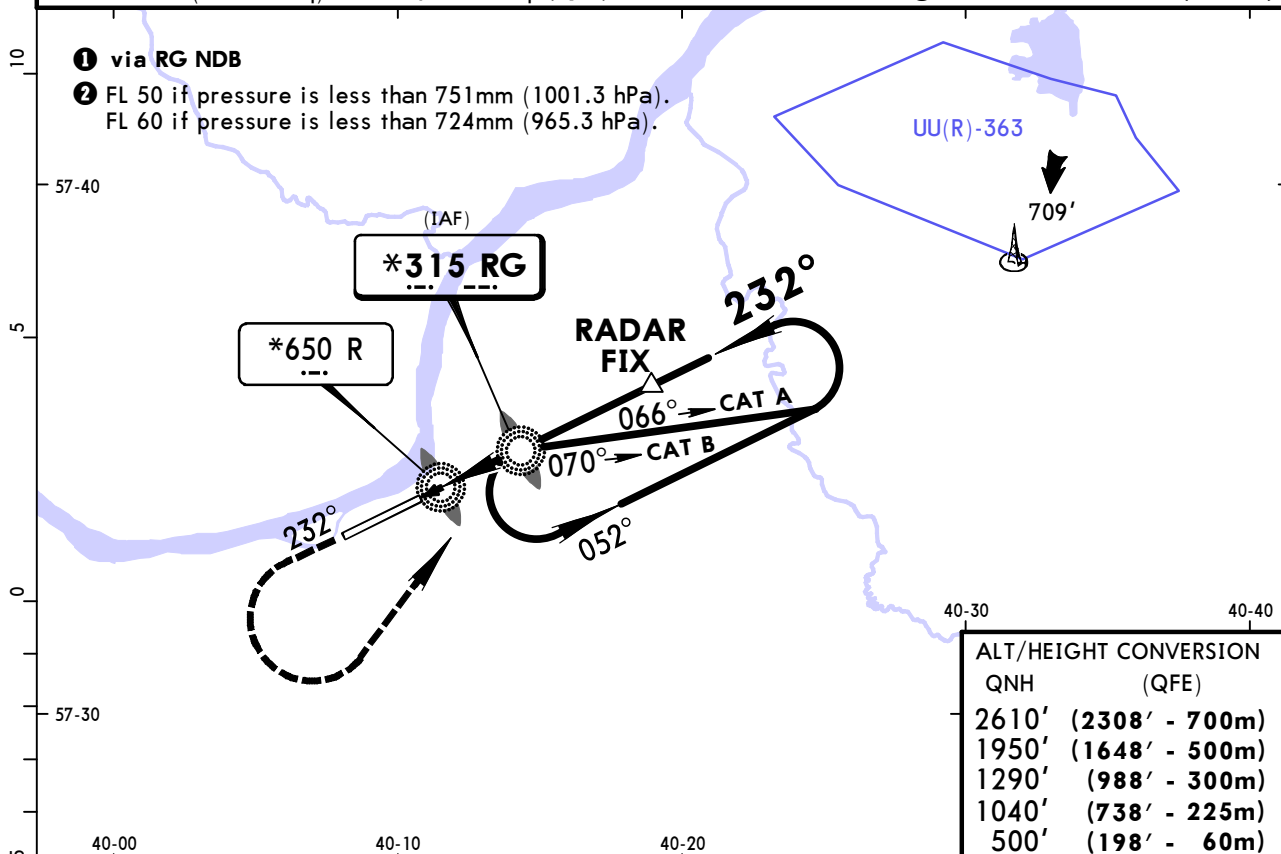
CAT A & B

JEPPESSEN

YAROSLAVL, RUSSIA

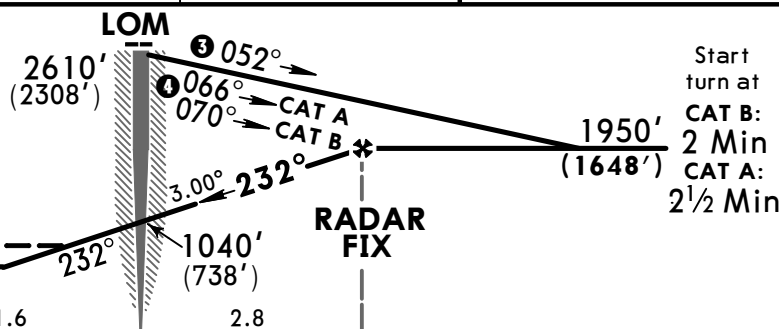
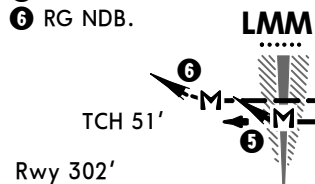
2 NDB or NDB Rwy 23

*ATIS	*YAROSLAVL Tower (APP/TWR)			*Ground	
127.35	120.3			120.3	
NDB RG *315	Final Apch Crs 232°	Minimum Alt RADAR FIX 1950'(1648')	NDB MDA(H) Refer to Minimums	Apt Elev 305' Rwy 302'	
MISSED APCH: Climb on 232° to 1290' (988'), then turn LEFT to RG NDB climbing to 2610' (2308'), then according to chart or as directed. Start turn not further than 5.4 NM from threshold rwy 23.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 ② Trans alt: 2610' (2308')					



Pass LMM not below 500' (198').

- ③ RACETRACK
- ④ BASETURN
- ⑤ 2 NDB or R Lctr.
- ⑥ RG NDB.



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1290' (988')	on 232°	2610' (2308')	RG 315
Descent Angle	3.00°	372	478	531	637	743	849	PAPI			
MAP at LMM ⑤											
LOM to MAP ⑥	2.1	1:48	1:24	1:16	1:03	0:54	0:47				

STRAIGHT-IN LANDING RWY 23									
with FAF		w/o FAF		with FAF R Lctr		w/o FAF		MDA(H) RG NDB	
MDA(H) 630'(328')		MDA(H) 1200(898')		MDA(H) 690'(388')		MDA(H) 1010(708')		A: 710'(408') B: 750'(448')	
ALS out		ALS out		ALS out		ALS out		ALS out	
A	1200m	RVR1500m VIS 1600m	1200m	RVR1800m VIS 2000m	1200m	RVR1500m VIS 1600m	1200m	RVR1500m VIS 1600m	1200m
B									
C	see 16-3		see 16-3		see 16-3		see 16-3		see 16-3
D									

CHANGES: Communications.

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Chart changes since cycle 08-2019

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
YAROSLAVL, (TUNOSHNA - UUDL)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UUDL