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Airport Information For UUDL

Terminal Charts For UUDL

Revision Letter For Cycle 13-2016

Change Notices

Notebook

General Information

Location: YAROSLAVL RUS
ICAO/IATA: UUDL / IAR
Lat/Long: N57° 33.63', E040° 09.45'
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: Restricted
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0019 Z
Sunset: 1822 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: 124.000 Secondary
Yaroslavl Tower: 129.000 Secondary

UUDL/IAR
TUNOSHNA

JEPPESSEN
30 OCT 15 (10-2B)

Eff 12 Nov

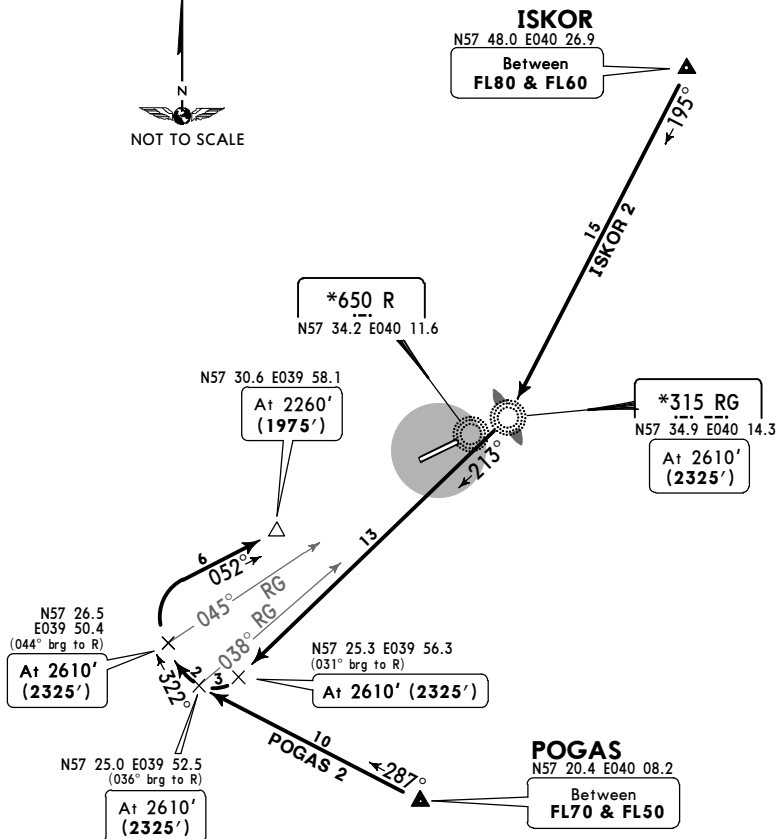
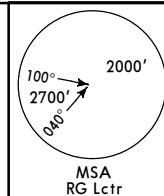
YAROSLAVL, RUSSIA
STAR

*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)
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)

UUDL/IAR
TUNOSHNA

JEPPESSEN
30 OCT 15 (10-2C)

Eff 12 Nov

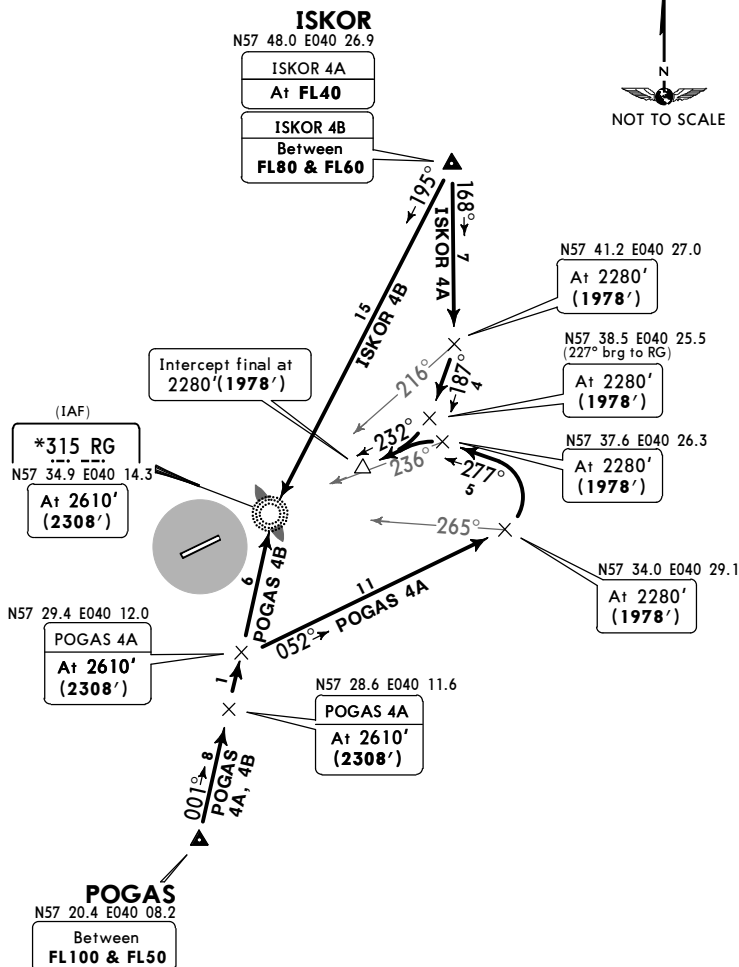
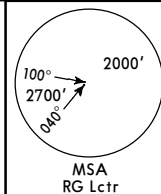
YAROSLAVL, RUSSIA
STAR

*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)
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



UUDL/IAR
TUNOSHNA

JEPPesen

YAROSLAVL, RUSSIA

30 OCT 15

(10-2D)

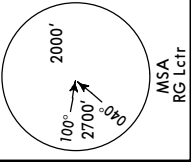
Eff 12 Nov

STAR

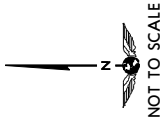
*ATIS
127.35

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' (2325')



BADAK 2, VAREG 2
RWY 05 ARRIVALS



VAREG
N57 46.0 E039 16.9
Between
FL100 & FL50

24
VAREG 2

N57 29.0 E039 47.3
At 2610'
(2325')

N57 30.6 E039 58.1
At 2260'
(1975')

*650 R
N57 34.2 E040 11.6

*315 RG
N57 34.9 E040 14.3

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

N57 28.1 E039 48.9
At 2610'
(2325')

23
BADAK 2

BADAK
N57 21.0 E039 08.9
Between
FL100 & FL50

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

UUDL/IAR
TUNOSHNA

JEPPESSEN

YAROSLAVL, RUSSIA

30 OCT 15

(10-2E)

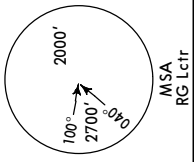
Eff 12 Nov

STAR

*ATIS
127.35

Apt Elev
305'

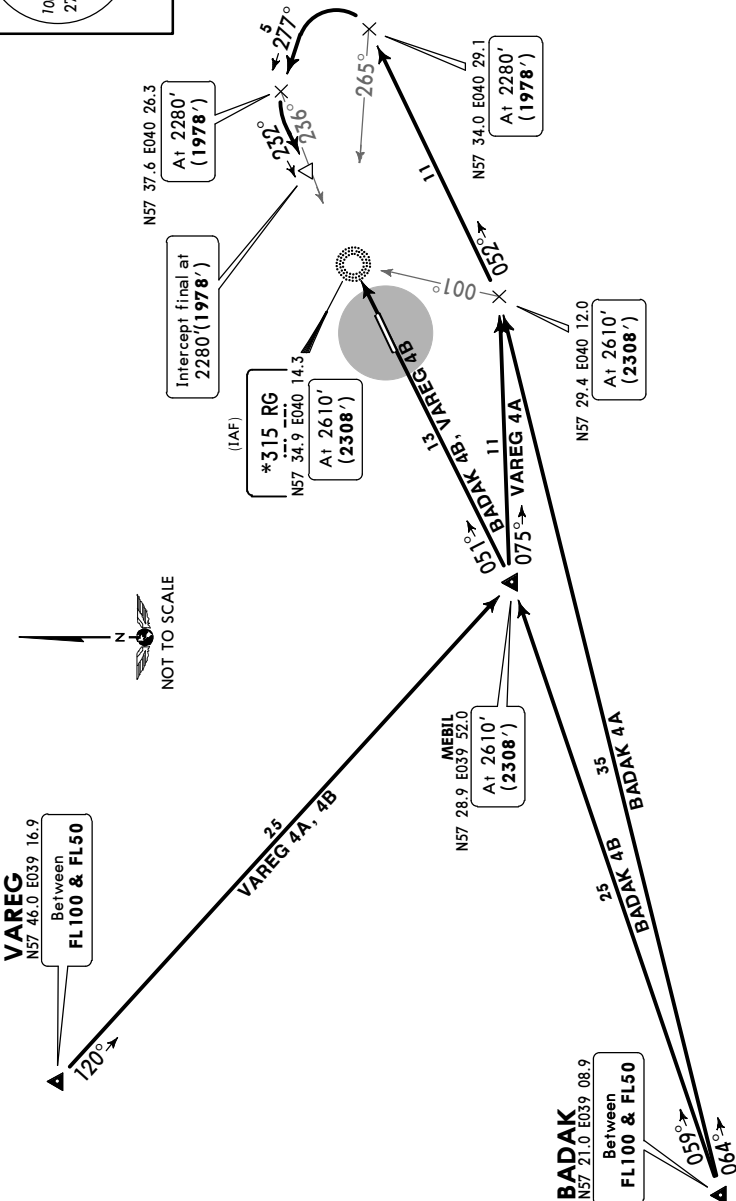
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is less than 751 mm (1001.3 hPa)
FL60 if pressure is less than 724 mm (965.3 hPa)
Trans alt: 2610' (2308')



MSA
RG Lcitr

BADAK 4A [BADA4A] , BADAK 4B [BADA4B]
VAREG 4A [VARE4A] , VAREG 4B [VARE4B]
RWY 23 ARRIVALS

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



UUDL/IAR
TUNOSHNA

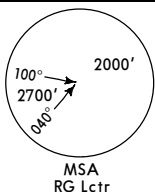
JEPPESSEN
30 OCT 15 (10-3)

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' (2325')
1. Flights over the city of Yaroslavl below FL100 are prohibited.

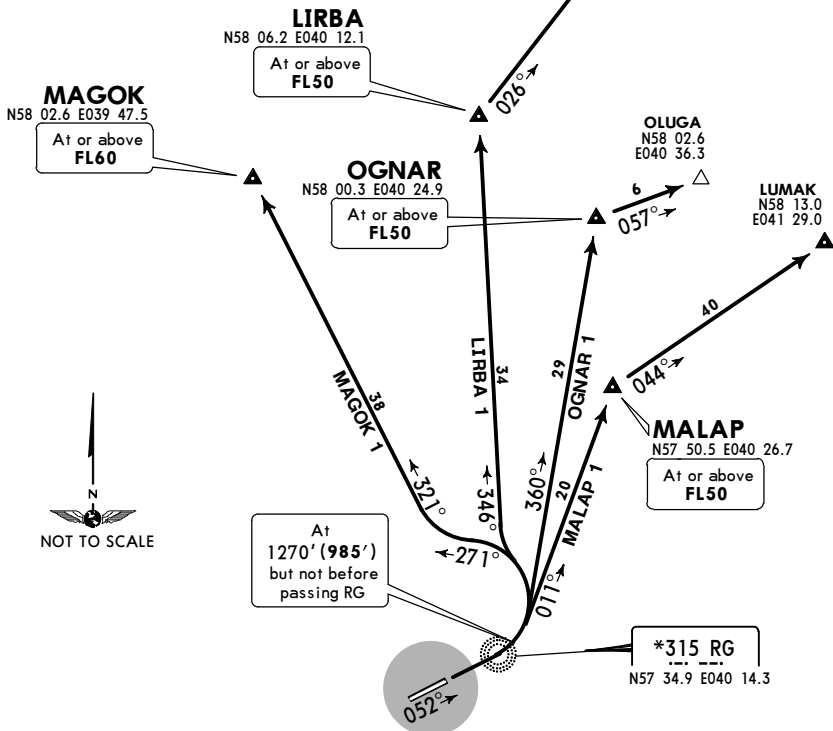


LIRBA 1, MAGOK 1

● 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
30 OCT 15 (10-3B) Eff 12 Nov

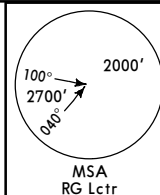
YAROSLAVL, RUSSIA
SID

Apt Elev
305'

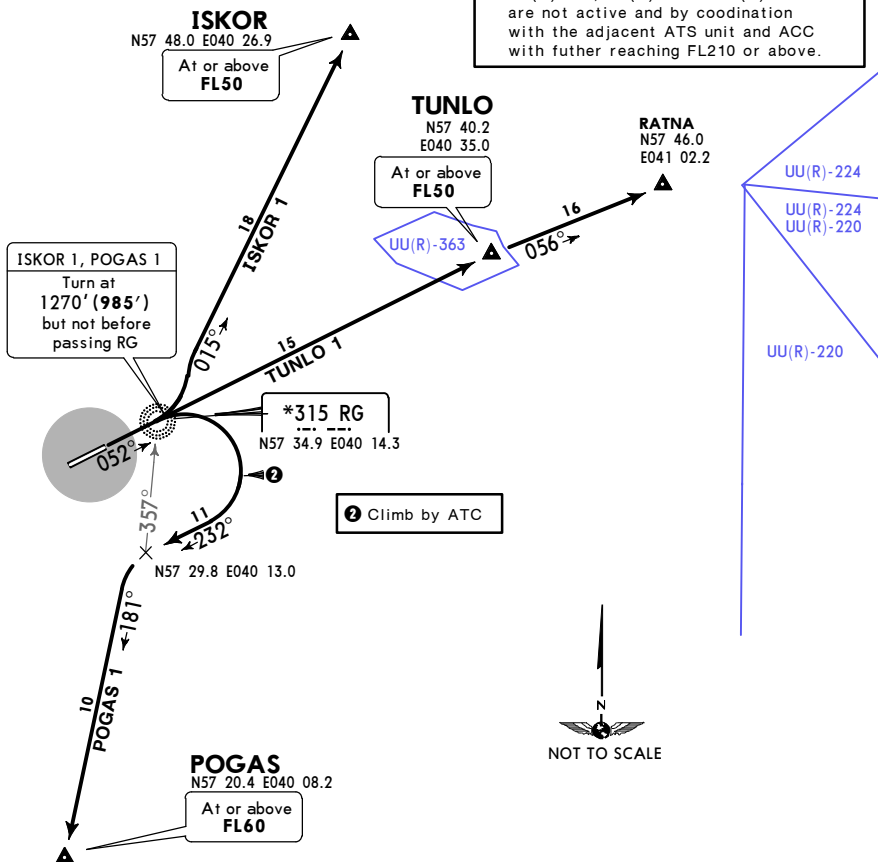
QNH on request (QFE)
Trans level: FL40
FL50 if pressure is less than 751 mm (1001.3 hPa)
FL60 if pressure is less than 724 mm (965.3 hPa)
Trans alt: 2610' (2325')
1. Flights over the city of Yaroslavl below FL100 are prohibited.

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.



② Climb by ATC



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

JEPPESEN
30 OCT 15 **(10-3C)** **Eff 12 Nov**

YAROSLAVL, RUSSIA
SID

Apt Elev
305'

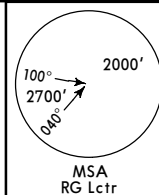
QNH on request **(QFE)**
Trans level: **FL40**
FL50 if pressure is less than 751 mm (1001.3 hPa)
FL60 if pressure is less than 724 mm (965.3 hPa)
Trans alt: **2610' (2308')**
1. Flights over the city of Yaroslavl below FL100 are prohibited.

ISKOR 3, POGAS 3A[POGA3A]

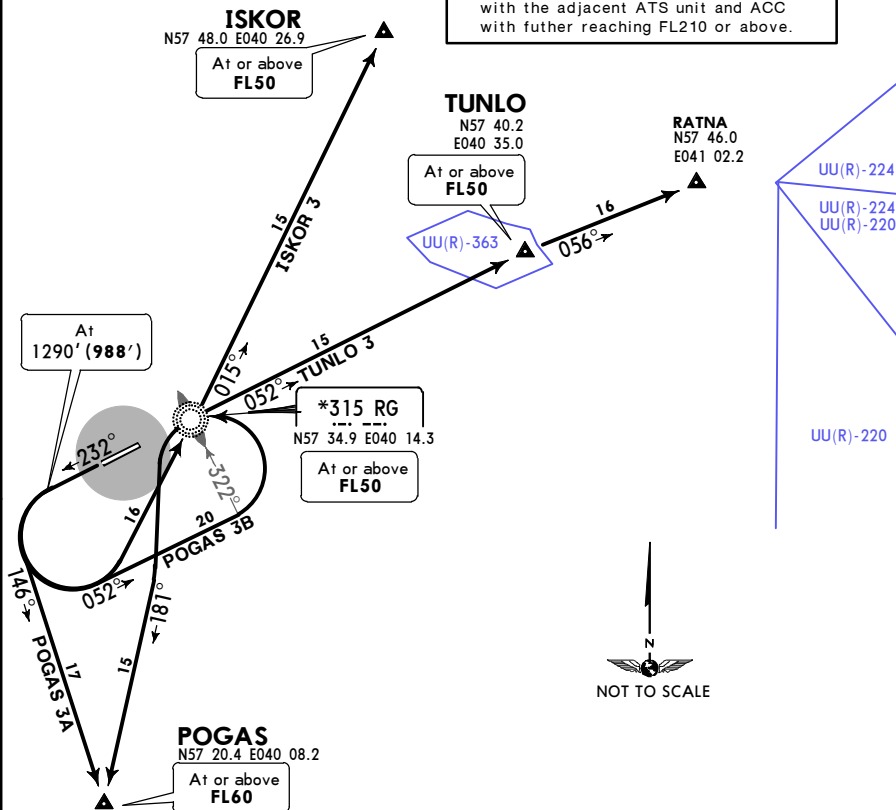
POGAS 3B [POGA3B], TUNLO 3

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

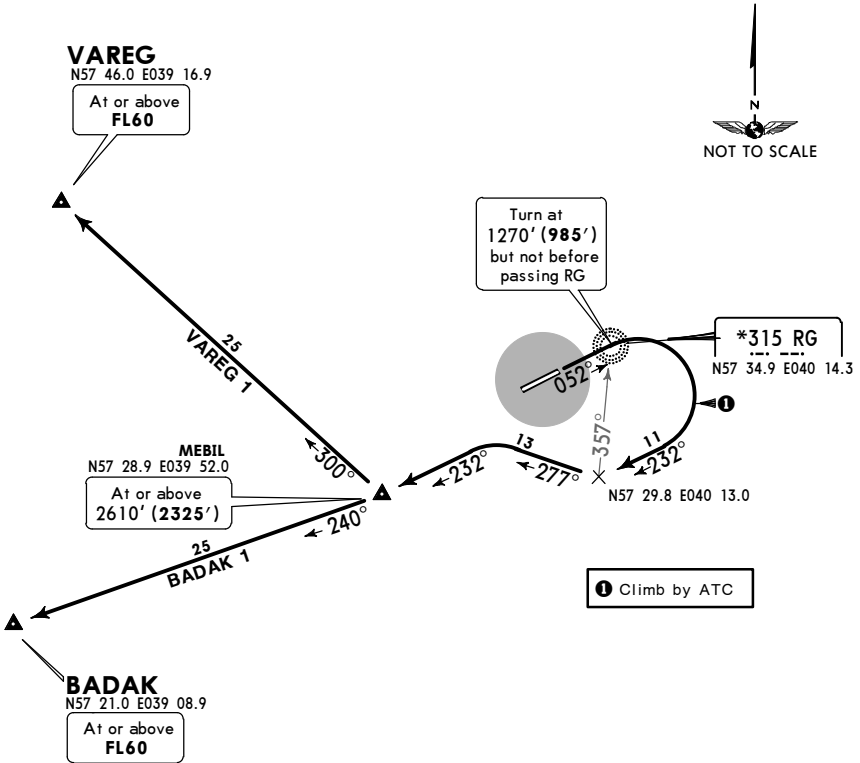
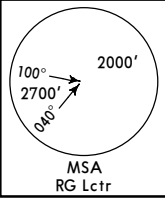
JEPPESSEN
30 OCT 15 (10-3D) Eff 12 Nov

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' (2325')
1. Flights over the city of Yaroslavl below FL100 are prohibited.

BADAK 1, VAREG 1
RWY 05 DEPARTURES



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

UUDL/IAR
TUNOSHNA

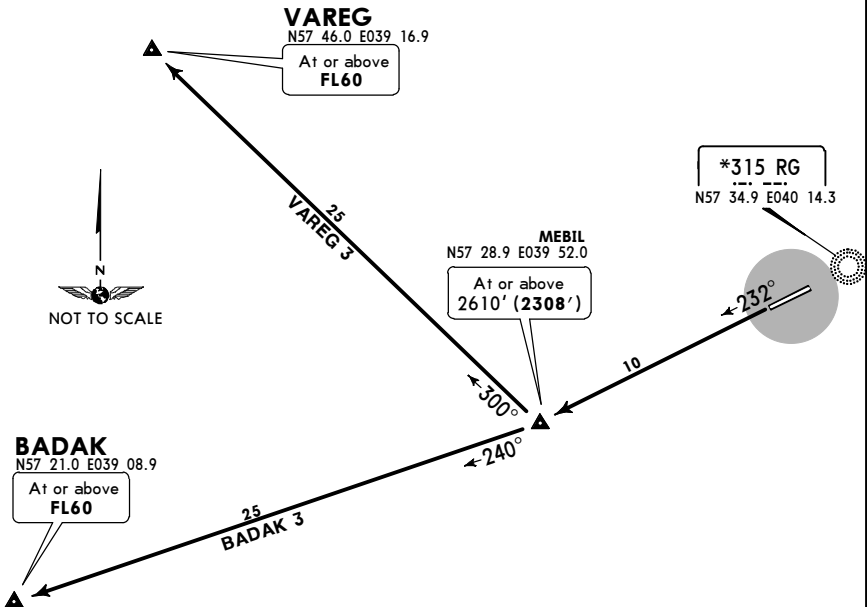
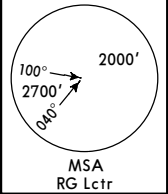
 **JEPPESSEN**
30 OCT 15 **(10-3E)** **Eff 12 Nov**

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')**
Flights over the city of Yaroslavl below FL100 are prohibited.

**BADAK 3, VAREG 3
RWY 23 DEPARTURES**



These SIDs require a minimum climb gradient
of
3.9% up to 2610' (2308').

Gnd speed-KT	75	100	150	200	250	300
3.9% V/V (fpm)	296	395	592	790	987	1185

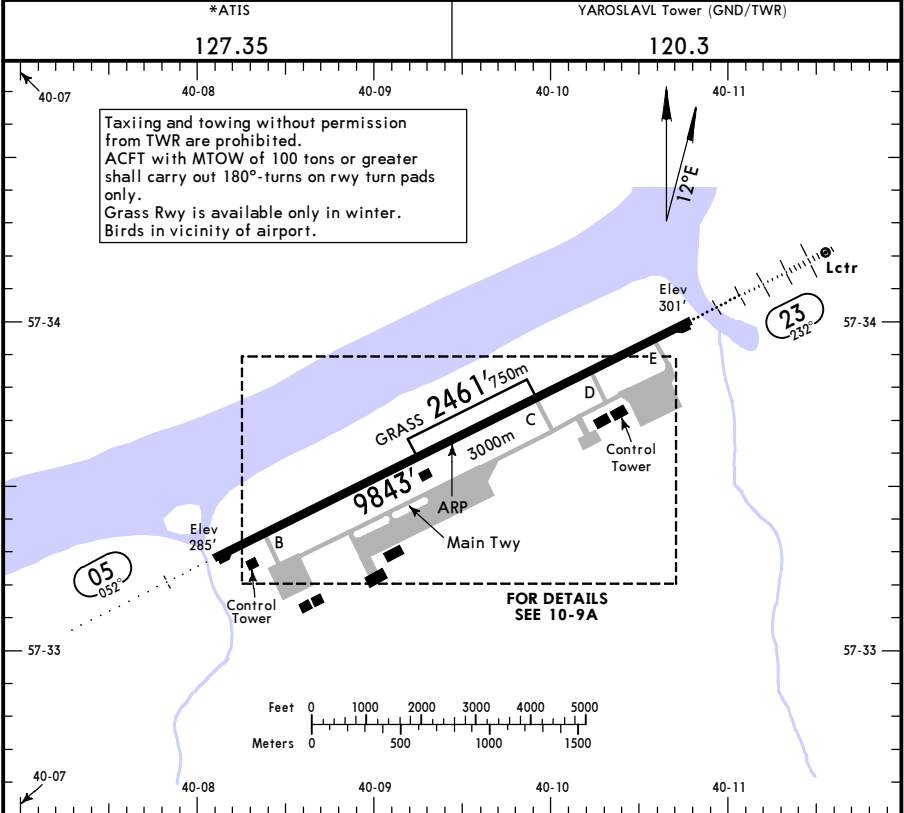
If unable to comply inform ATC.

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

UUDL/IAR
Apt Elev **305'**
N57 33.6 E040 09.5

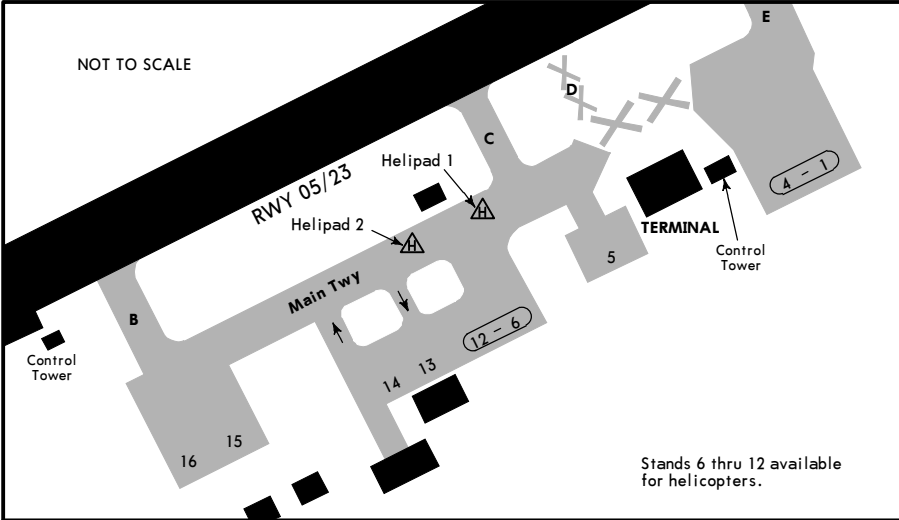
JEPPesen
30 OCT 15 **(10-9)** **Eff 12 Nov**

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						328'
23	Grass runway					100m

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



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

**JEPPESSEN**

6 DEC 13

10-9S

Eff 12 Dec

Standard

YAROSLAVL, RUSSIA

TUNOSHNA

STRAIGHT-IN RWY		A	B	C	D
05	NDB ①②	840'(555') R1500m R1500m	840'(555') R1500m R1500m	840'(555') C2300m C2400m	840'(555') C2300m C2400m
	NDB ③	1110'(825') C3800m	1110'(825') C3800m	1110'(825') C4000m	1110'(825') C4000m
	ALS out	C4000m	C4000m	C4200m	C4200m
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 ①②	660'(358') R900m	660'(358') R900m	660'(358') R900m	660'(358') R900m
	ALS out	R1500m	R1500m	R1600m	R1600m
	2 NDB ③	1200'(898') C3500m	1200'(898') C3500m	1200'(898') C3700m	1200'(898') C3700m
	ALS out	C4200m	C4200m	C4400m	C4400m
	R Lctr ①②	690'(388') R1100m	690'(388') R1100m	690'(388') R1100m	690'(388') R1100m
	ALS out	R1500m	R1500m	R1800m	R1800m
	R Lctr ③	1010'(708') C2800m	1010'(708') C2800m	1010'(708') C3000m	1010'(708') C3000m
	ALS out	C3500m	C3500m	C3700m	C3700m
RG NDB ①②		710'(408') R1200m	750'(448') R1400m	750'(448') R1400m	800'(498') R1500m
	ALS out	R1500m	R1500m	C2100m	C2300m
RG NDB ①③		710'(408') R1200m	750'(448') R1400m	750'(448') R1400m	800'(498') R1500m
	ALS out	R1900m	C2100m	C2100m	C2300m

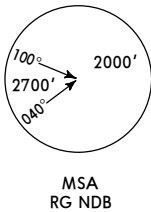
- ① Continuous Descent Final Approach.
- ② with FAF.
- ③ w/o FAF.

TAKE-OFF RWY 05, 23		
LVP must be in Force		
RCLM (DAY only) or RL		NIL (DAY only)
A	250m	400m
B		
C		
D	300m	500m

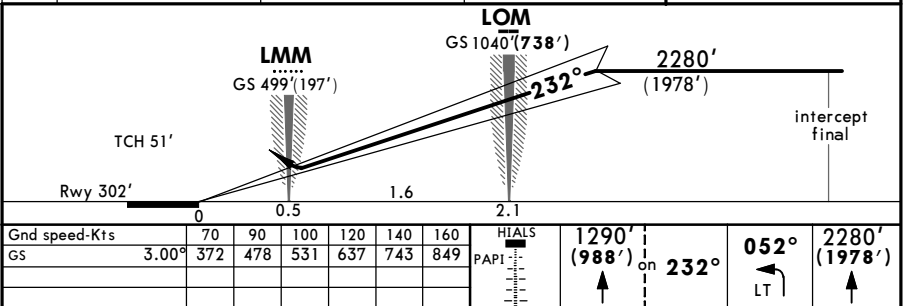
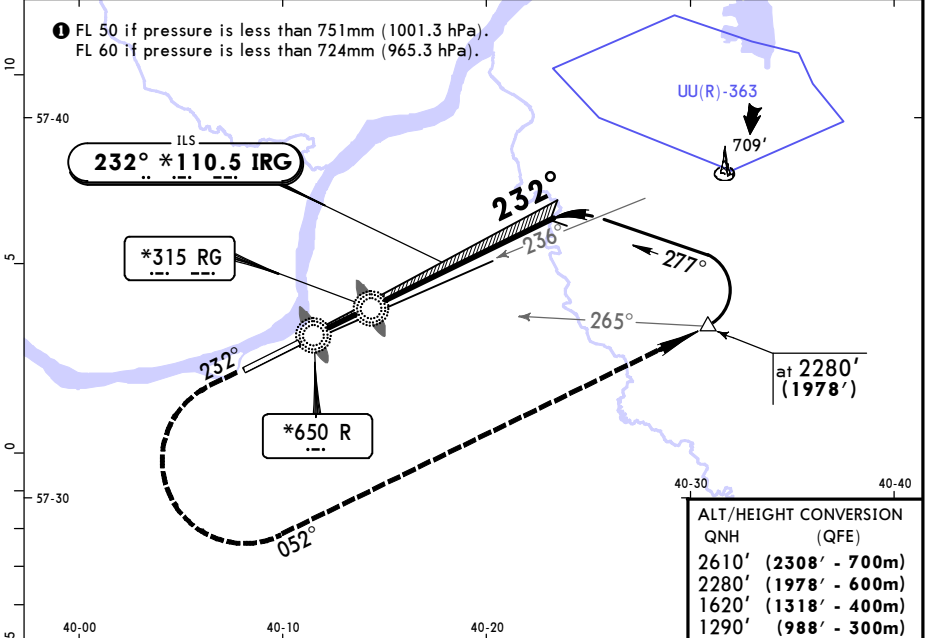
UUDL/IAR
TUNOSHNA

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

YAROSLAVL, RUSSIA
ILS Rwy 23

BRIEFING STRIP™	*ATIS		*YAROSLAVL Tower (APP/TWR)		*Ground		
	127.35		120.3		120.3		
	LOC IRG	Final Apch Crs	GS LOM	ILS DA(H)	Apt Elev	305'	
	*110.5	232°	1040'(738')	502'(200')	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')	

- ① FL 50 if pressure is less than 751mm (1001.3 hPa).
FL 60 if pressure is less than 724mm (965.3 hPa).



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				

PANS OPS

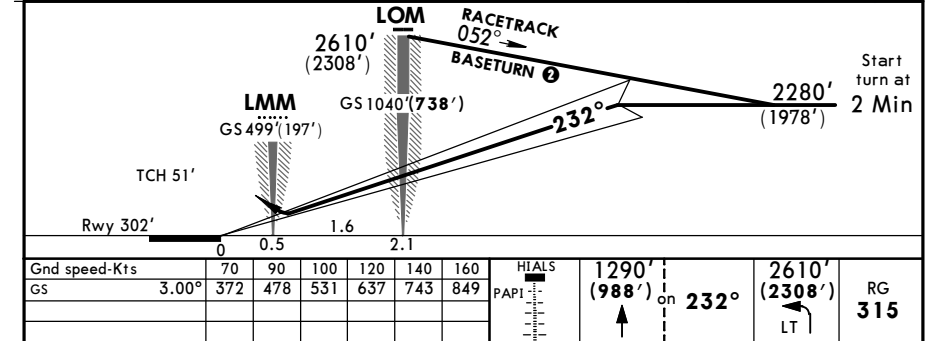
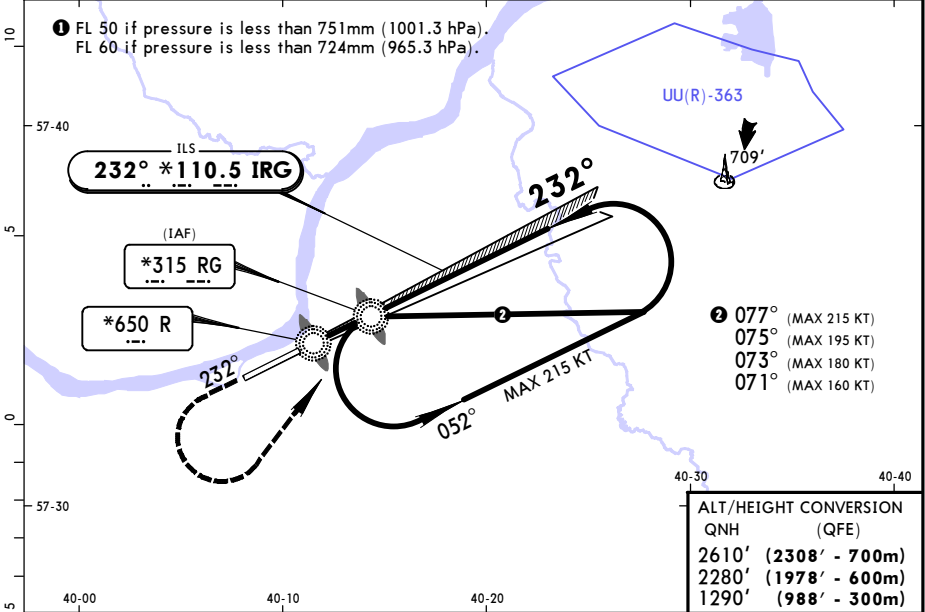
UUDL/IAR
TUNOSHNA

JEPPESSEN
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'	 MSA RG NDB
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 Trans alt: 2610'(2308')					



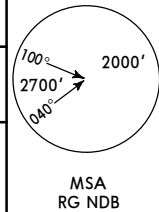
STRAIGHT-IN LANDING RWY 23			
ILS DA(H) 502'(200')		LOC (GS out)	
FULL		ALS out	
A	see 11-3		NOT AUTHORIZED
B			
C	RVR 720m Vis 800m	1200m	
D			

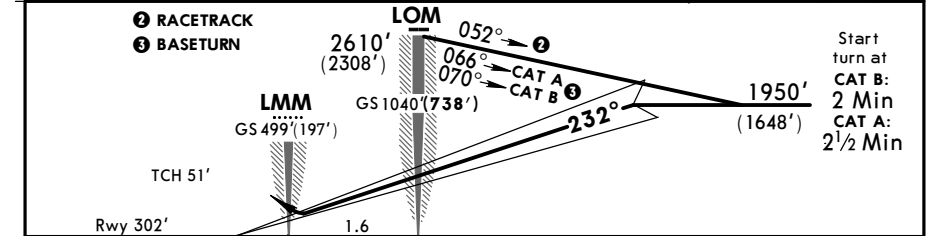
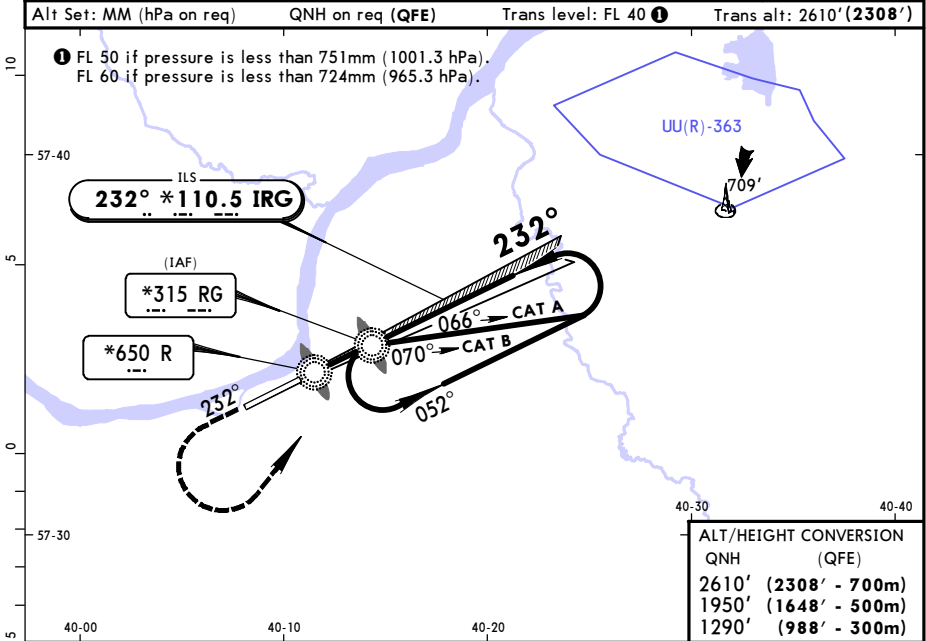
PANS OPS

UUDL/IAR
TUNOSHNA

JEPPesen
30 OCT 15
Eff 12 Nov
(11-3) CAT A & B

YAROSLAVL, RUSSIA
via RG NDB 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 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.					



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

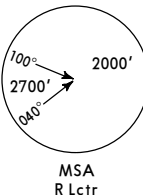
STRAIGHT-IN LANDING RWY 23					
ILS DA(H) 502'(200')		LOC (GS out)			
FULL		ALS out			
A	RVR 720m	1200m		NOT AUTHORIZED	
B	VIS 800m				
C	see 11-2				
D					
SPANS OPS					

PANS OPS

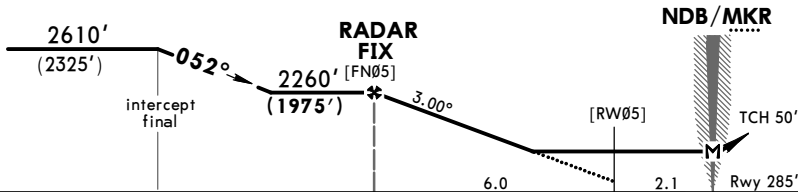
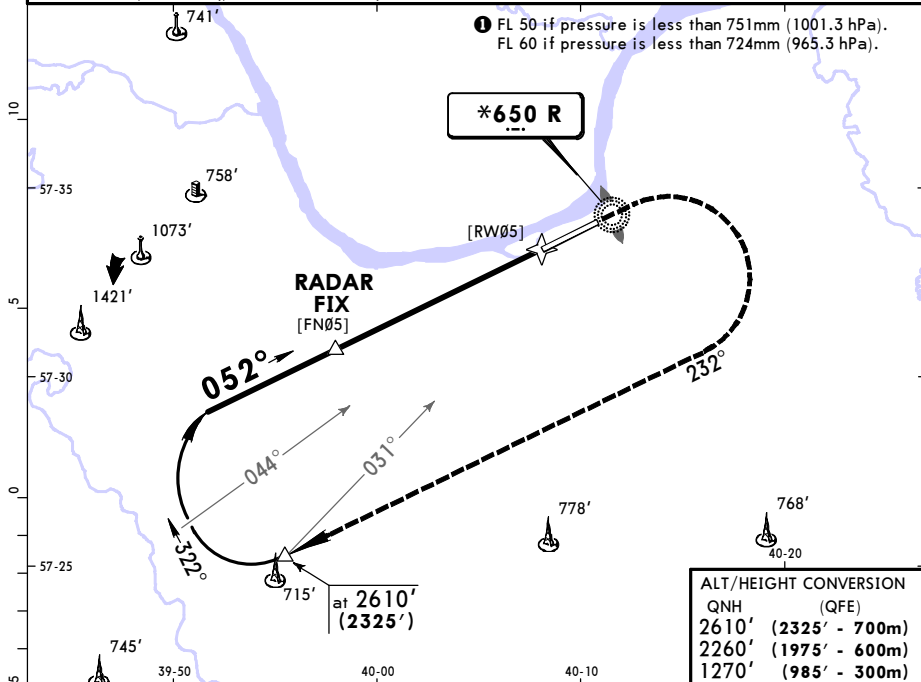
UUDL/IAR
TUNOSHNA

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

YAROSLAVL, RUSSIA
NDB/MKR Rwy 05

*ATIS 127.35		*YAROSLAVL Tower (APP/TWR) 120.3		*Ground 120.3	
Lctr R *650	Final Apch Crs 052°	Minimum Alt RADAR FIX 2260'(1975')	MDA(H) (CONDITIONAL) 840'(555')	Apt Elev 305' Rwy 285'	
MISSED APCH: Climb on 052° to 1270' (985'), then turn RIGHT onto 232°, not earlier than passing Lctr climbing to 2610' (2325'), then according to chart or as directed.					 MSA R Lctr
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40 1	Trans alt: 2610' (2325')

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



Gnd speed-Kts	70	90	100	120	140	160		ALS PAPI	1270' (985')	on 052°
Descent Angle 3.00°	372	478	531	637	743	849				
MAP at Lctr										

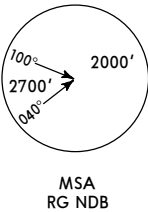
STRAIGHT-IN LANDING RWY 05

with FAF			w/o FAF		
MDA(H) 840'(555')			MDA(H) 1110'(825')		
ALS out			ALS out		
A	RVR 1500m		RVR 1500m	VIS 1600m	
B	VIS 1600m		RVR 1800m	VIS 2000m	
C	2400m		4000m		
D	2800m		4400m		

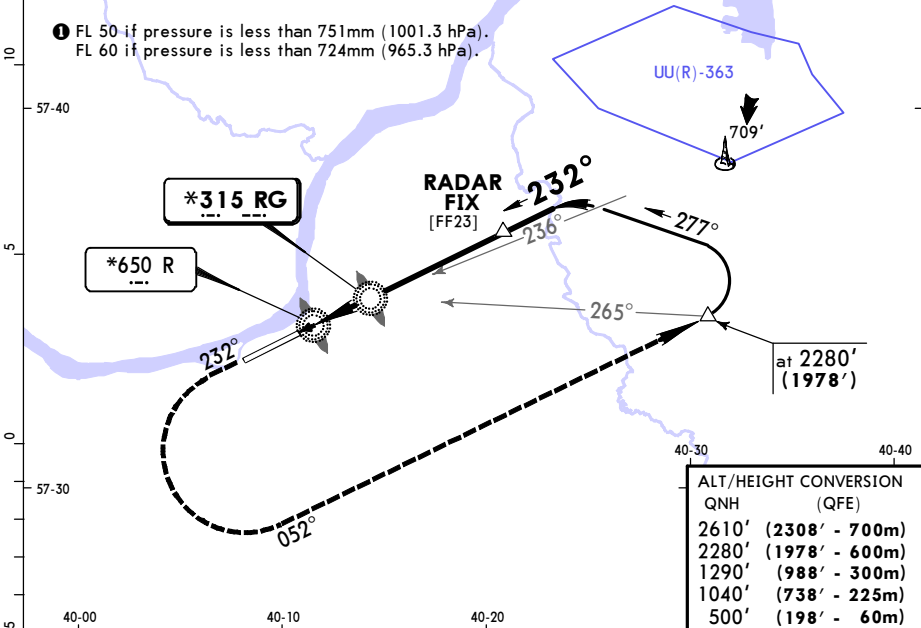
UUDL/IAR
TUNOSHNA

JEPPESSEN
30 OCT 15 **(16-2)** Eff 12 Nov

YAROSLAVL, RUSSIA
2 NDB or NDB Rwy 23

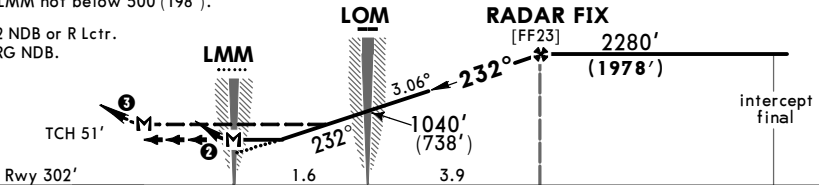
*ATIS 127.35		*YAROSLAVL Tower (APP/TWR) 120.3		*Ground 120.3	
NDB RG *315	Final Apch Crs 232°	Minimum Alt RADAR FIX 2280'(1978')	MDA(H) Refer to Minimums	Apt Elev 305' Rwy 302'	
MISSED APCH: Climb on 232° to 1290' (988') , then turn LEFT onto 052° climbing to 2280' (1978') , then according to chart 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')

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



Pass LMM not below 500'(198').

- 2** NDB or R Lctr.
3 RG NDB.



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1290' (988')	on 232°	052° LT	2280' (1978')
Descent Angle 3.06°	379	487	541	650	758	866	PAPI				
MAP at LMM 2											
LOM to MAP 2	2.1	1:48	1:24	1:16	1:03	0:54	0:47				

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

1 CAT A: MDA(H) 710'(408').

Chart changes since cycle 12-2016

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