

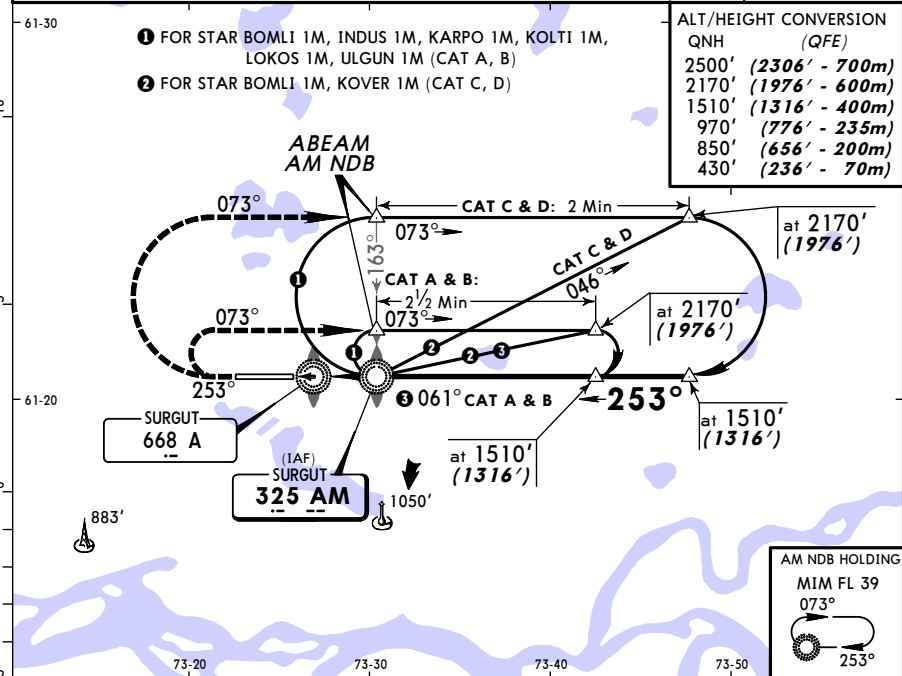
USSR
SURGUT

12 OCT 07
Eff 25 Oct

JEPPesen
16-2

SURGUT, RUSSIA
2 NDB or NDB Rwy 25

ATIS	SURGUT Approach		SURGUT Krug (SRE)		SURGUT Start (TWR)	*Ground
124.8	129.3		120.3		120.8	121.8
NDB AM 325	Final Apch Crs 253°	Minimum Alt LOM 970' (776')	2 NDB MDA(H) 540' (346')	NDB MDA(H) 560' (366')	Apt Elev 200' RWY 194'	2500'
MISSED APCH: Climb on 253° to 850' (656'), then turn RIGHT onto 073° climbing to 2170' (1976'), then according to chart, or as directed.						MSA ARP
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2500' (2306')						



Gnd speed-Kts	70	90	100	120	140	160	HIALS	850' (656')	on 253°	073°	2170' (1976')
Descent Gradient 5.2%	369	474	527	632	737	843	PAPI			RT	

STRAIGHT-IN LANDING RWY 25			
2 NDB MDA(H) 540' (346')		NDB MDA(H) 560' (366')	
ALS out		ALS out	
A			
B	1200m	1600m	1200m 1600m
C			
D	1600m	2000m	1600m 2000m

CHANGES: New procedure.

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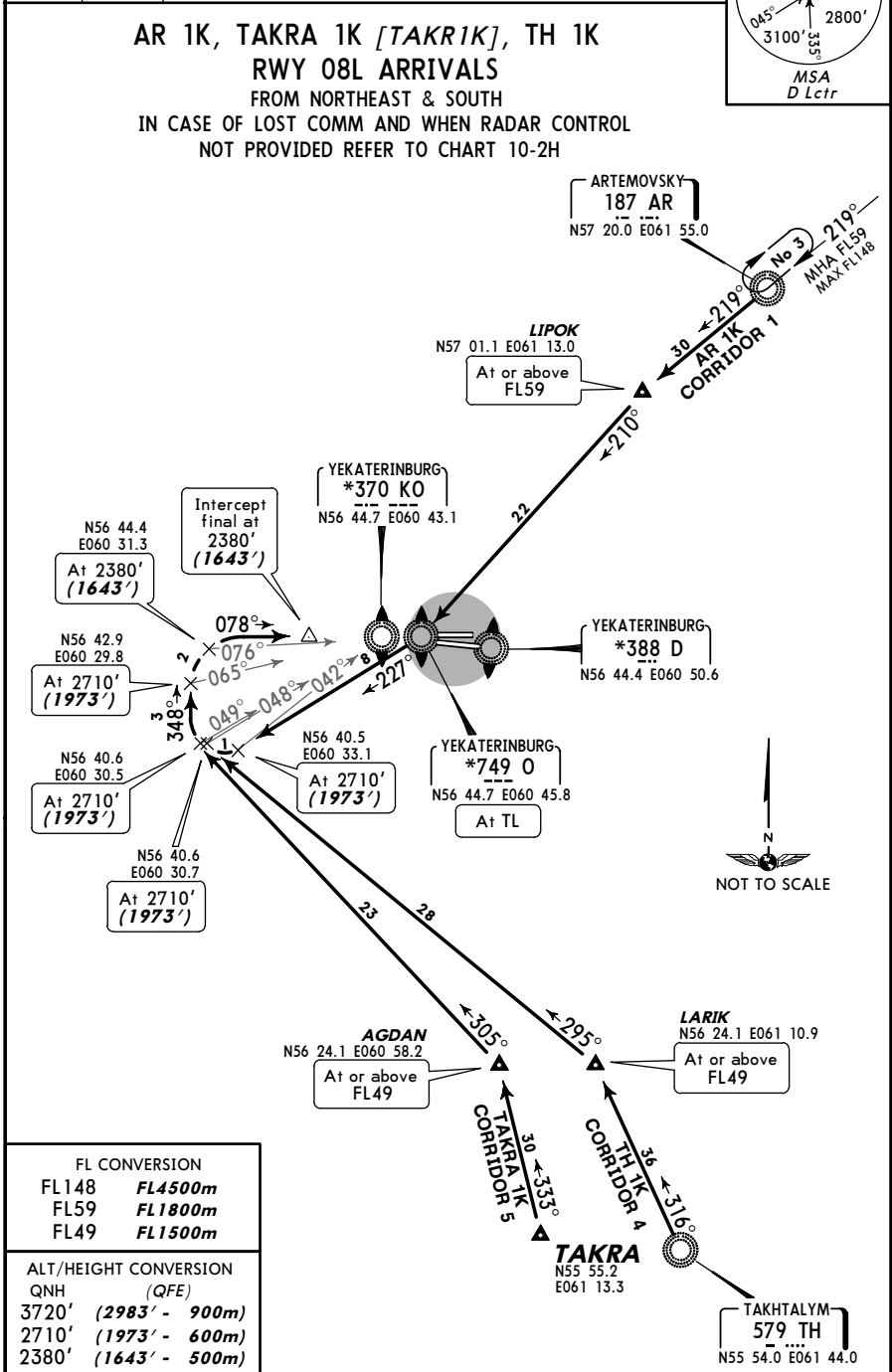
USSR/SVX
KOLTSOVO

8 JUN 07

JEPPesen
10-2

YEKATERINBURG, RUSSIA
STAR

ATIS	Apt Elev	Alt Set: MM (hPa on request) QNH on request (QFE)
127.8	764'	Trans level: FL49 FL59 if pressure is less than 733mm (977.3 hPa) Trans alt: 3720' (2983')



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STAR

8 JUN 07 (10-2A)

Diagram of a circular structure with dimensions and angles:

- Radius: 2800'
- Angle: 245°
- Angle: 045°
- Distance: 3600'
- Distance: 3100'
- Angle: 335°
- Label: MSA D Lctr

IN CASE OF LOST COMM AND WHEN RADAR CONTROL
NOT PROVIDED REFER TO CHART 10-2H

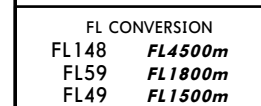


CHANGES: Lctr ident KQ replaced by KO.

STAR

8 DEC 06 (10-2B)

IN CASE OF LOST COMM AND WHEN RADAR CONTROL
NOT PROVIDED REFER TO CHART 10-2H



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3720'	(2957' - 900m)
2740'	(1977' - 600m)
2410'	(1647' - 500m)

CHANGES: STARs revised.

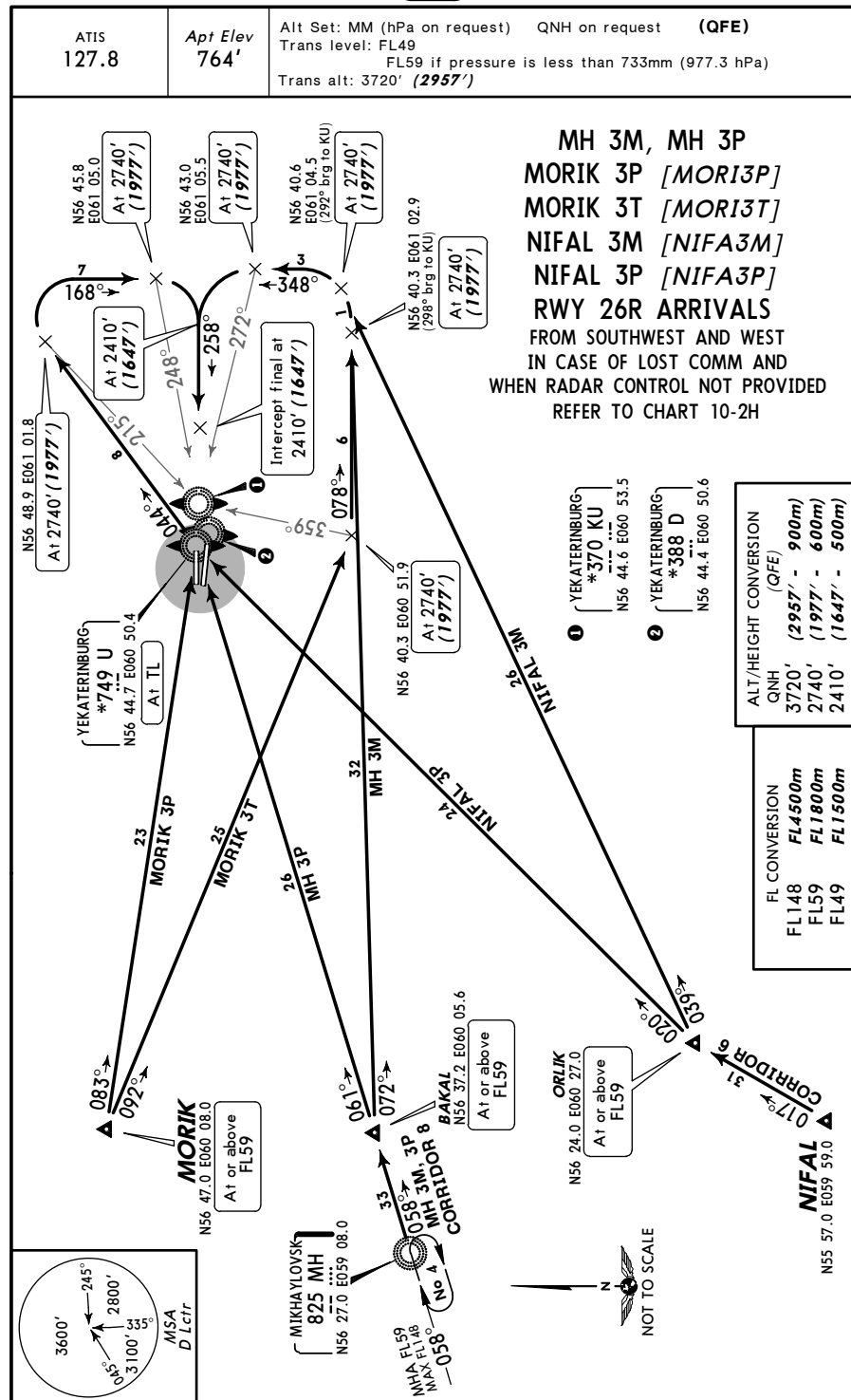
USSS/SVX
KOLTSOVO

JEPPesen YEKATERINBURG, RUSSIA

8 DEC 06 (10-2C)

Eff 21 Dec

STAR

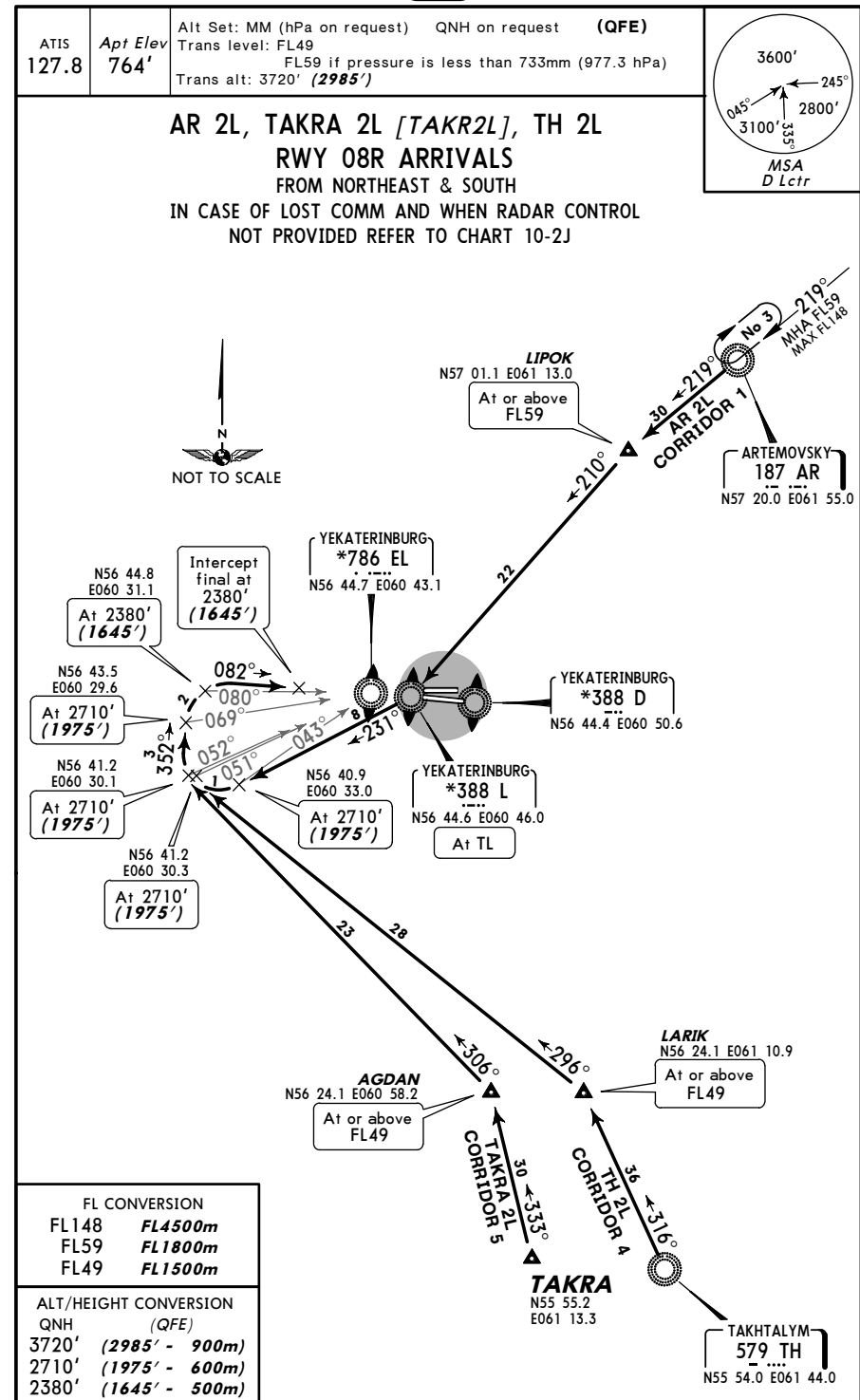


USSS/SVX
KOLTSOVO

JEPPesen YEKATERINBURG, RUSSIA

17 MAR 06 (10-2D)

STAR



17 MAR 06 (10-2E)

STAR

CHANGES: STAR SMORE 2L renamed MORIK 2L.

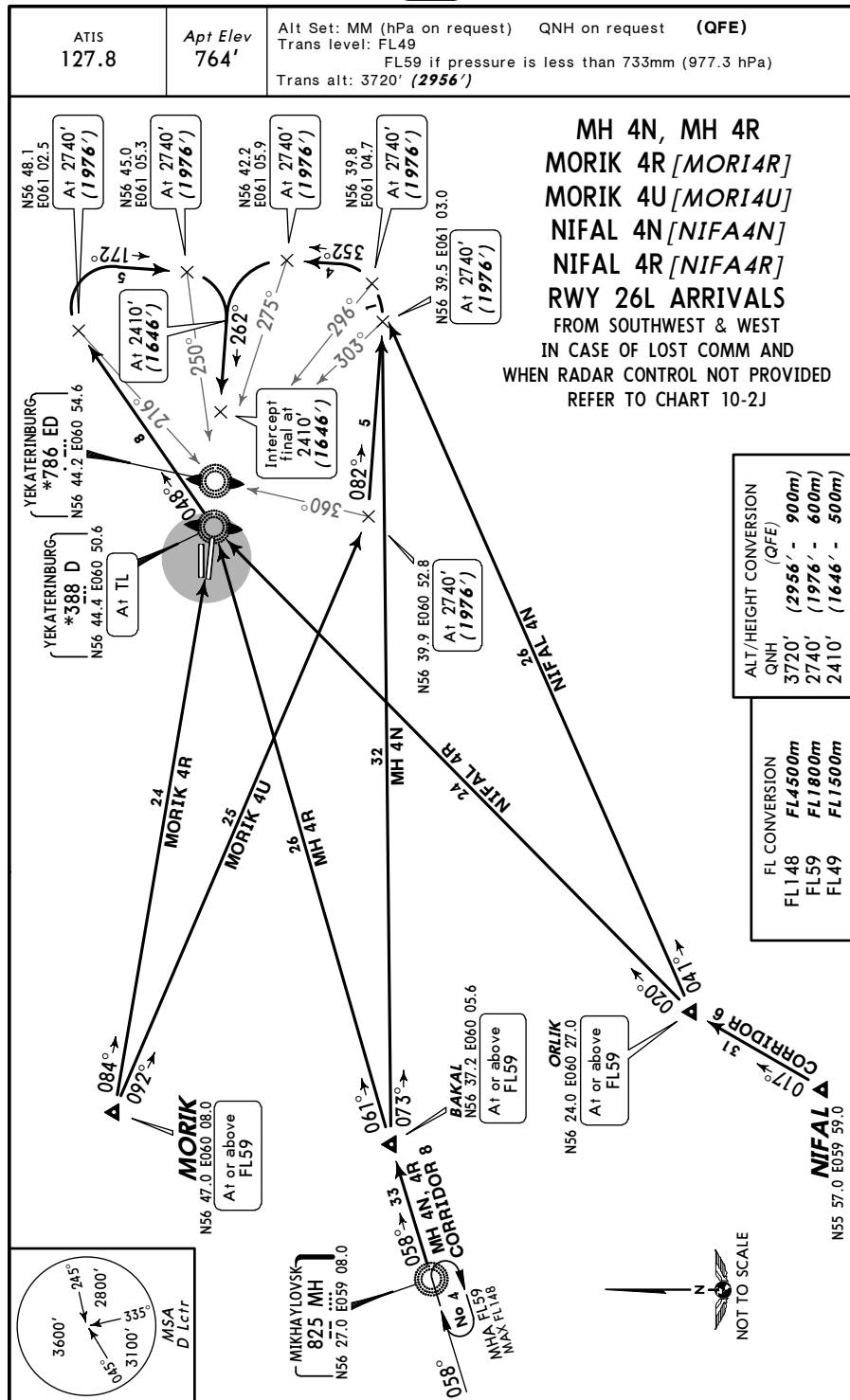
8 DEC 06 (10-2F)

STAR

CHANGES: STARs revised.

USSS/SVX
KOLTISOVO

JEPPesen YEKATERINBURG, RUSSIA
8 DEC 06 10-2G Eff 21 Dec STAR

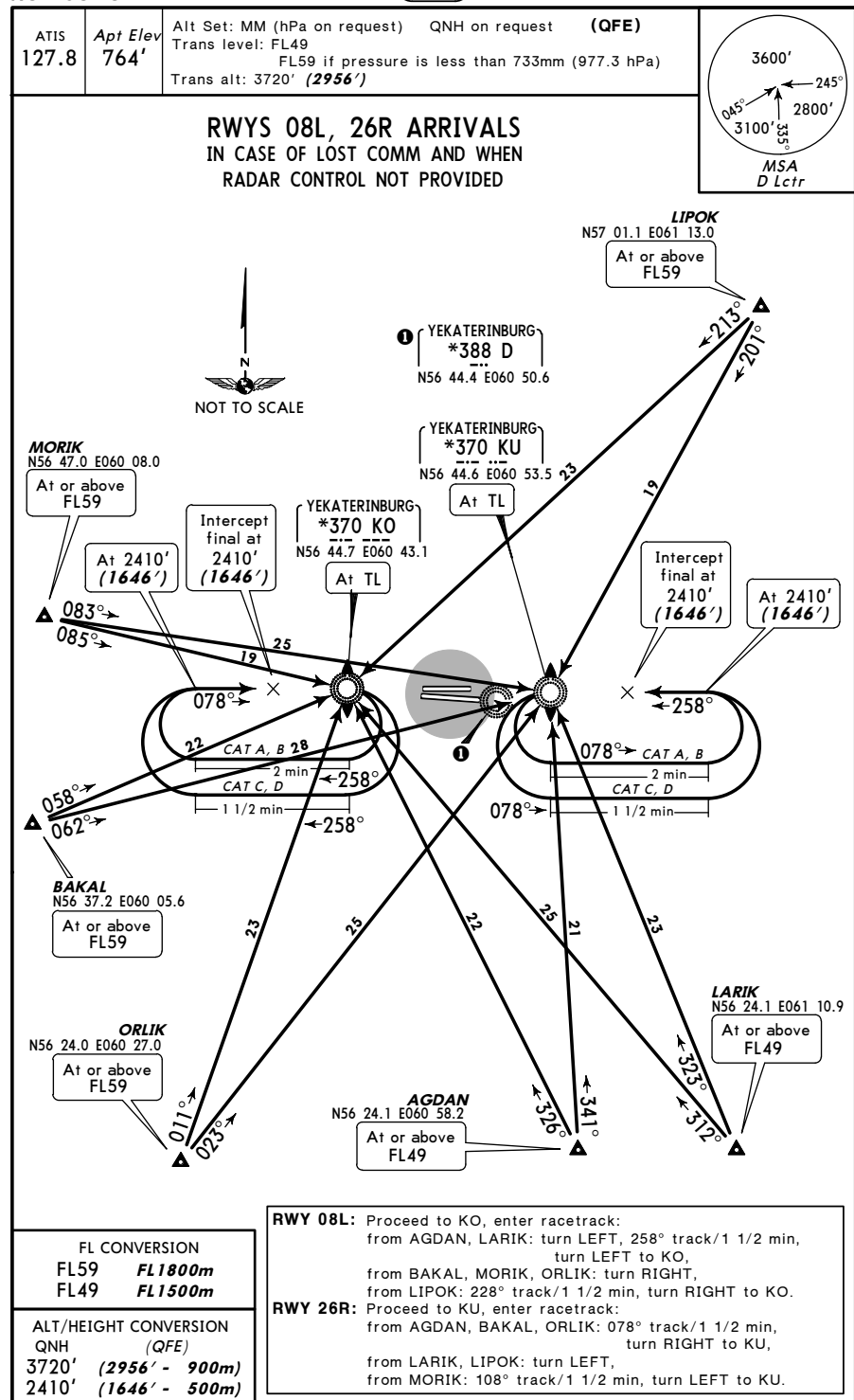


CHANGES: Stars revised.

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USSS/SVX
KOLTISOVO

JEPPesen YEKATERINBURG, RUSSIA
8 JUN 07 10-2H STAR

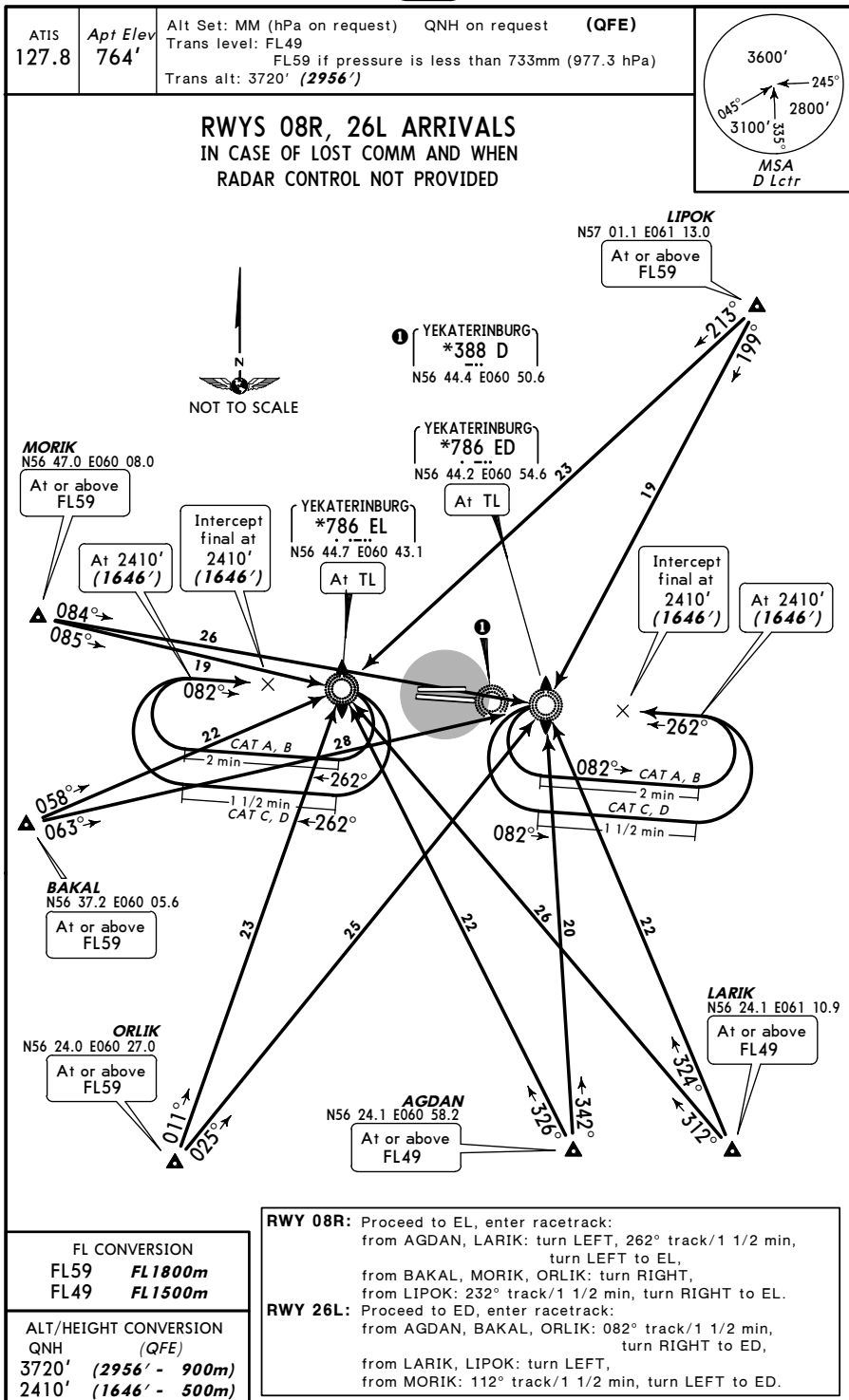


CHANGES: Lctr ident KQ replaced by KO.

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USSS/SVX
KOLTSOVO

JEPPesen YEKATERINBURG, RUSSIA
8 JUN 07 (10-2J) STAR

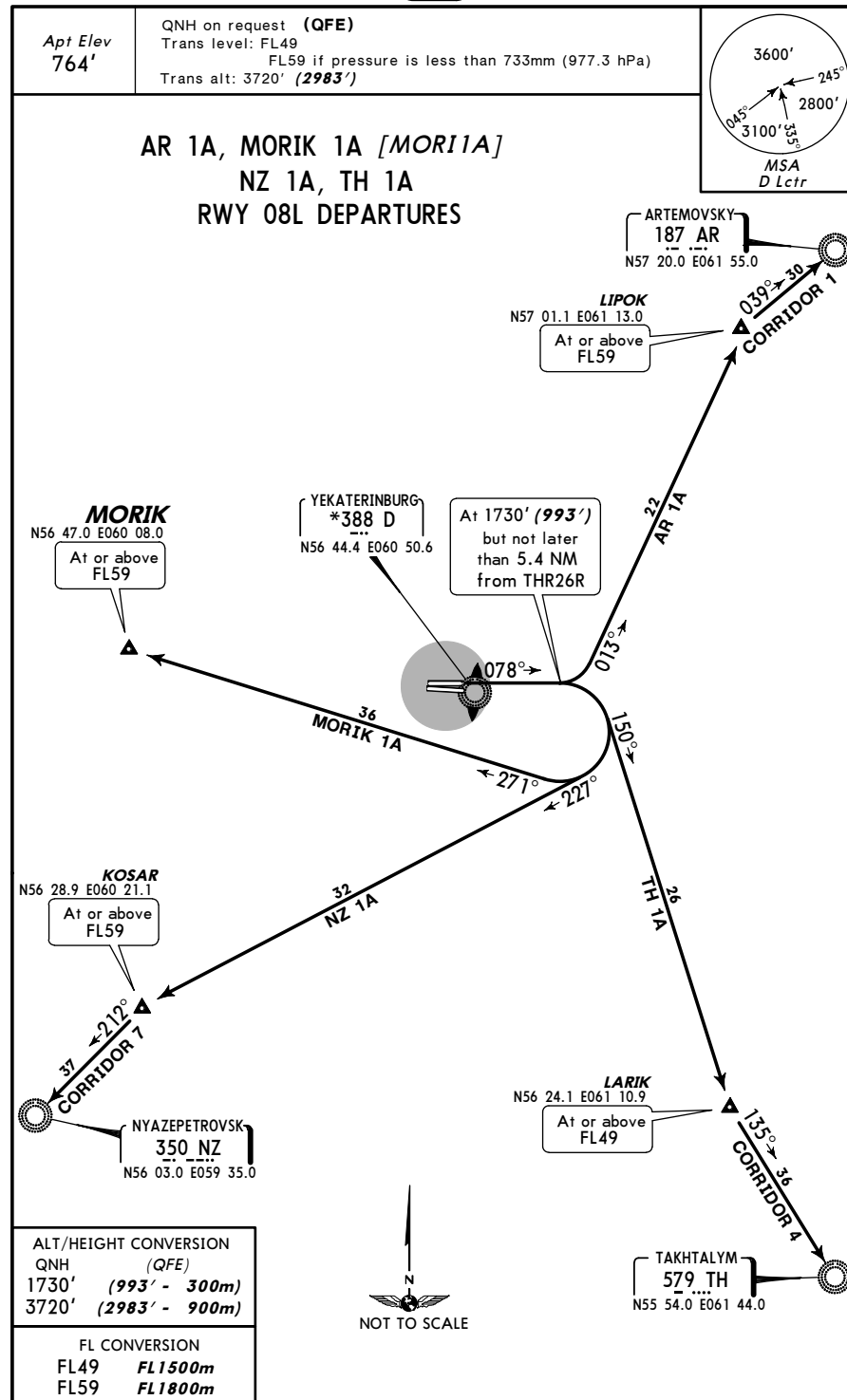


CHANGES: None.

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USSS/SVX
KOLTSOVO

JEPPesen YEKATERINBURG, RUSSIA
17 MAR 06 (10-3) SID

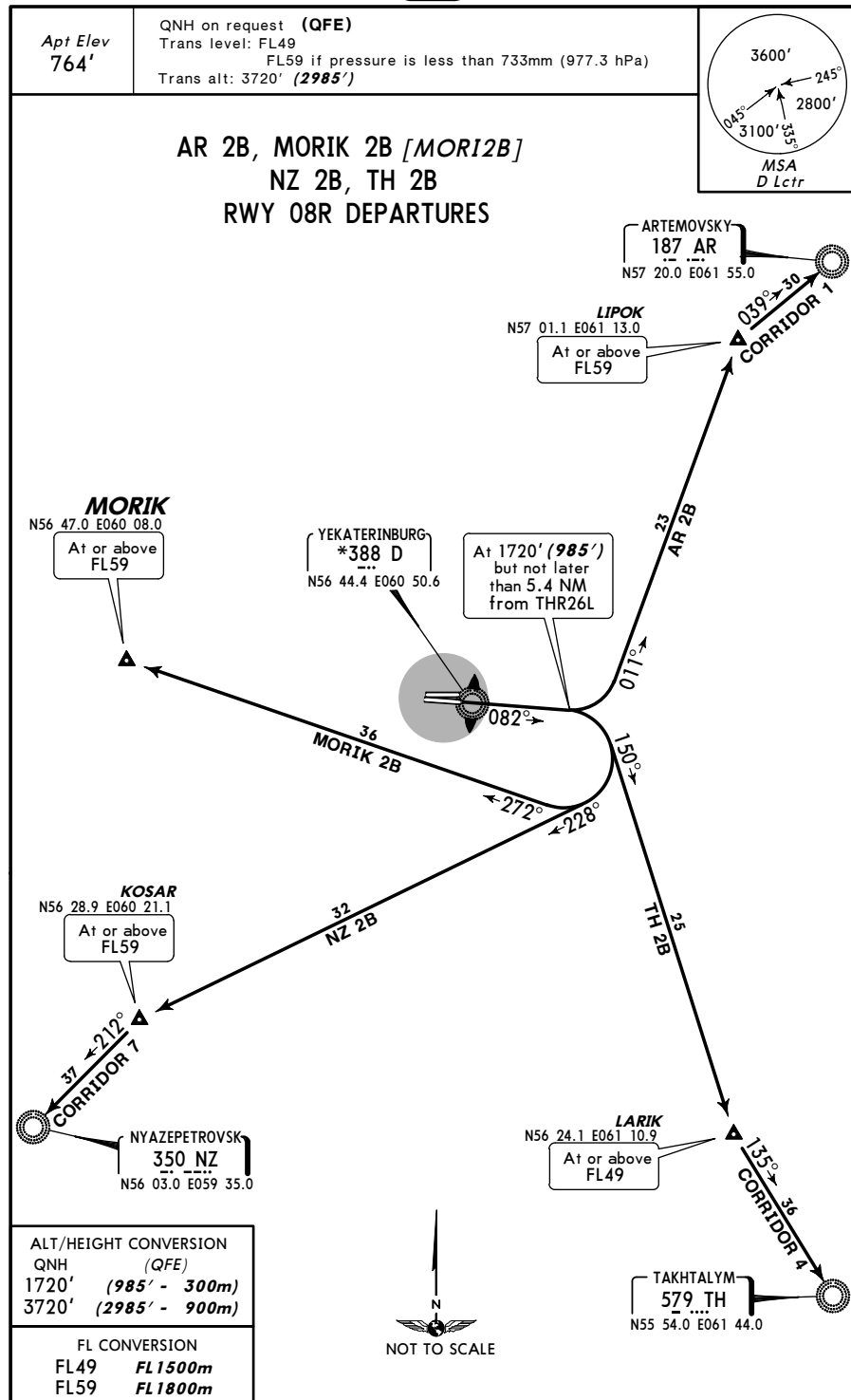


CHANGES: SID SMORE 1A renamed MORIK 1A.

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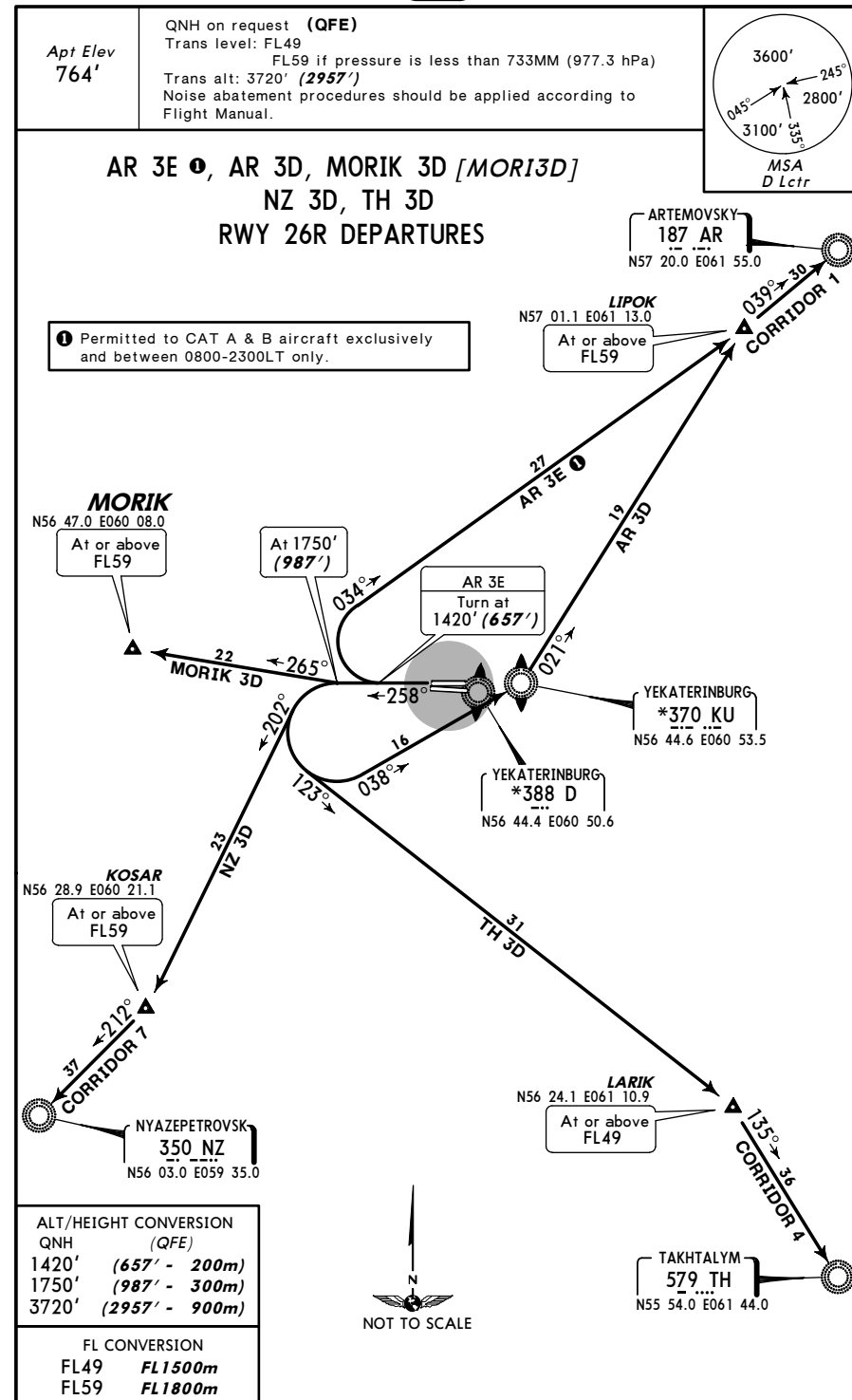
USSS/SVX
KOLTSOVO

JEPPesen YEKATERINBURG, RUSSIA
17 MAR 06 (10-3A) SID



USSS/SVX
KOLTSOVO

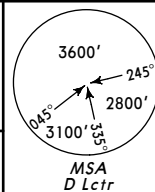
JEPPesen YEKATERINBURG, RUSSIA
31 MAR 06 (10-3B) Eff 13 Apr SID



JEPPESEN YEKATERINBURG, RUSSIA

SID

QNH on request **(QFE)**
Trans level: FL49
FL59 if pressure is less than 733MM (977.3 hPa)
Trans alt: 3720' **(2956')**
Noise abatement procedures should be applied according to Flight Manual.



1 Permitted to CAT A & B aircraft exclusively and between 0800-2300LT only.

ARTEMOVSKY
187 AR
N57 20.0 E061 55.0

LIPOK
N57 01.1 E061 13.0
At or above
FL59

039° 30
CORRIDOR ↑

At or above
51.50

At 1750'
(986')

AR 4E
Turn at 1430' (666')

LIPOK
N57 01.1 E061 13.0
At or above
FL59

ARTEMOVSKY
187 AR
N57 20.0 E061 55.0

YEKATERINBURG
*786 ED
N56 44.2 E060 54.6

YEKATERINBURG
*388 D
N56 44 4 E060 50 6

At or above
FL59

NZ 4C
23

LARIK
61 10.9

At or above

TAKHTALYM
579 TH
N55 54.0 E061 44.0

ALT/HEIGHT CONVERSION	
QNH	(QFE)
1430'	(666' - 200m)
1750'	(986' - 300m)
3720'	(2956' - 900m)

FL CONVERSION
FL49 ***FL1500m***
FL59 ***FL1800m***



NOT TO SCALE

CHANGES: SIDs AR 4S, NZ 4S & TH 4S reindexed 4D.

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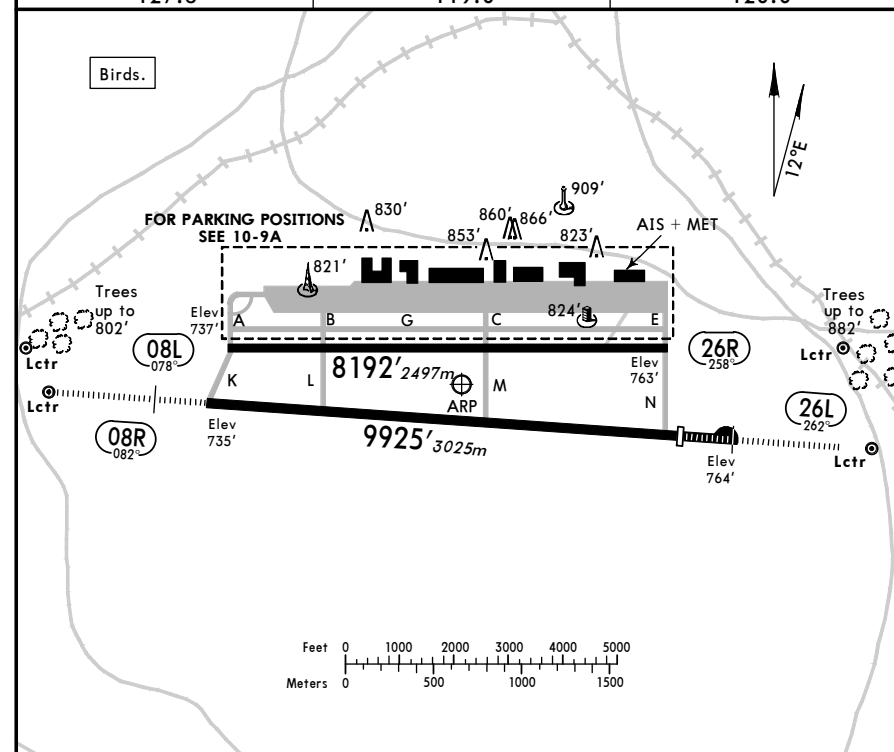
USSS/SVX

JEPPSEN YEKATERINBURG, RUSSIA

KOLTSOVO

Tower

120.0



ADDITIONAL RUNWAY INFORMATION

RWY					USABLE LENGTHS		TAKE-OFF	WIDTH
					Threshold	LANDING BEYOND Glide Slope		
08L	26R	HIRL (60m) RVR			NIGHT NA		NIGHT NA	148' 45m
						7188' 2191m		
08R	26L	HIRL (60m) HIALS PAPI-L (angle 2.67°) RVR			9678' 2950m	8949' 2728m	9678' 2950m	174' 53m
		HIRL (60m) HIALS PAPI-L (angle 2.83°) RVR			8858' 2700m	6731' 2052m		

TAKE-OFF

AIR CARRIER (JAA)
All Rwy's

LVP must be in force
RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A
B
C
D

$$\frac{250m}{300m}$$

400m

CHANGES: Communications. Main Twy 1 withdrawn.

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USSS/SVX

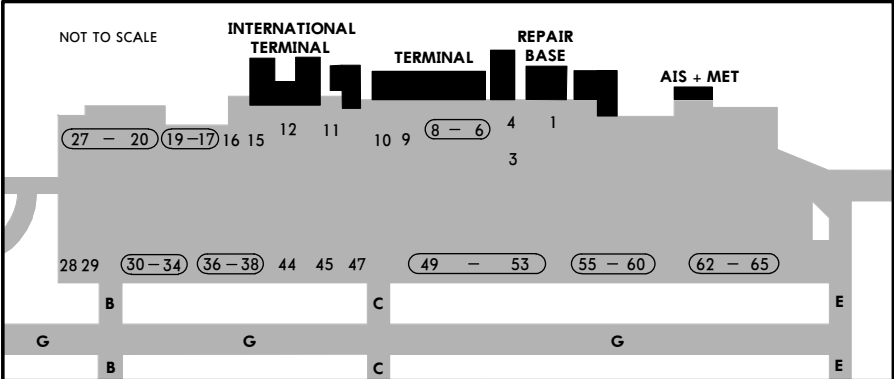
JEPPESEN

YEKATERINBURG, RUSSIA

8 DEC 0610-9A

Eff 21 Dec

KOLTSOVO



Stand 52 available for engines run-up.
Stands 22 thru 29, 44, 45, 47 and 62 thru 65
available for helicopters.

INS COORDINATES		
STAND No.	COORDINATES	
6	N56 44.9	E060 48.5
7	N56 44.9	E060 48.4
8	N56 44.9	E060 48.3
15, 16	N56 44.9	E060 48.0
17	N56 44.9	E060 47.9
18, 19	N56 44.9	E060 47.8
52	N56 44.8	E060 48.6

USSS/SVX

JEPPESEN

YEKATERINBURG, RUSSIA

10 JAN 0310-9X

Eff 23 Jan

JAA MINIMUMS

KOLTSOVO

STRAIGHT-IN RWY		A	B	C	D
08L	NDB	1080' (343')	1080' (343')	1080' (343')	1080' (343')
		R1500m	R1500m	R1800m	R2000m
08R	ILS	935' (200')	935' (200')	935' (200')	935' (200')
		R550m	R550m	R550m	R550m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	1070' (335')	1070' (335')	1070' (335')	1070' (335')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m
26L	ILS	961' (200')	961' (200')	961' (200')	961' (200')
		R550m	R550m	R550m	R550m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	1240' (479')	1240' (479')	1240' (479')	1240' (479')
		R1000m	R1200m	R1200m	R1600m
	ALS out	R1500m	R1500m	R2000m	R2000m
26R	ILS	968' (205')	974' (211')	981' (218')	991' (228')
		R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	1220' (457')	1220' (457')	1220' (457')	1220' (457')
		R1500m	R1500m	R2000m	R2000m

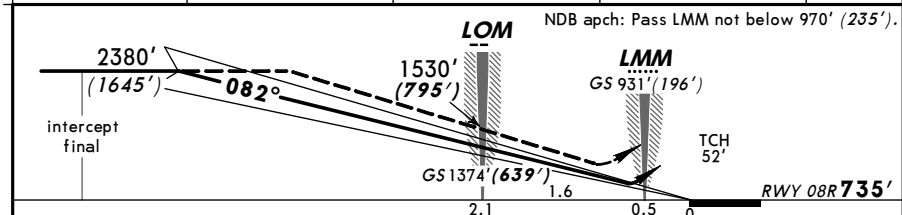
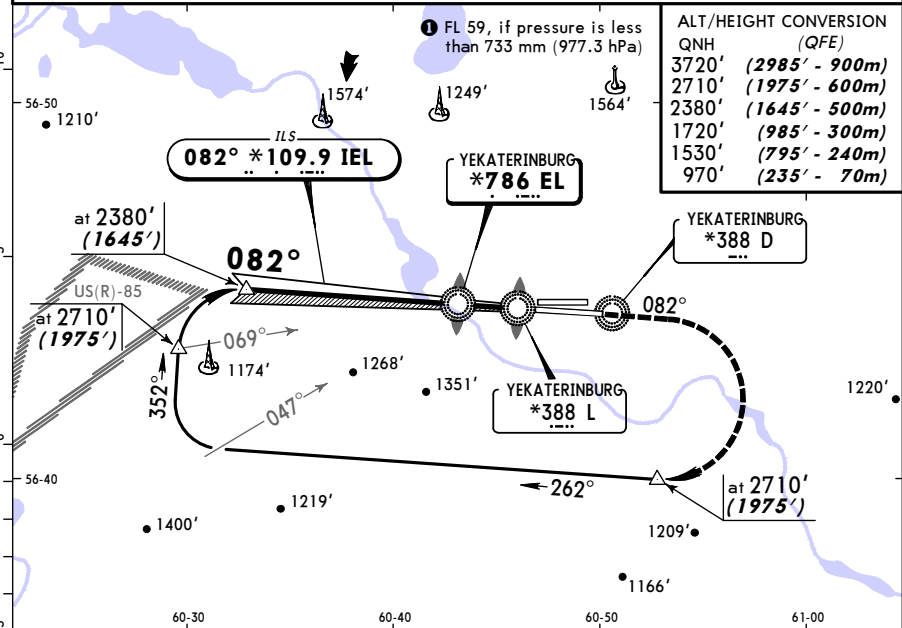
TAKE-OFF RWY 08L/R, 26L/R		
LVP must be in Force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	250m	400m
B		
C		
D	300m	NIL (DAY only)

USSS/SVX
KOLTSOVO

8 DEC 06
Eff 21 Dec

JEPPesen YEKATERINBURG, RUSSIA
ILS or 2 NDB Rwy 08R

ATIS	KOLTSOVO Approach (R)	KOLTSOVO Radar	KOLTSOVO Tower	Ground
127.8	125.9	118.7	120.0	119.0
LOC IEL *109.9	Final Apch Crs 082°	GS LOM 1374' (639')	ILS DA(H) 935' (200')	Apt Elev 764'
NDB EL *786		Minimum Alt LOM 1530' (795')	NDB MDA(H) 1070' (335')	RWY 735'
MISSED APCH: Climb on 082° to 1720' (985'), then turn RIGHT onto 262° climbing to 2710' (1975'), then according to chart.				MSA D Lctr
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 49	Trans alt: 3720' (2985')	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1720' (985')	082°	262°	2710' (1975')
ILS GS	2.67°	336	432	480	576	671	767				
NDB Desc Grad	5.8%	411	529	587	705	822	940				

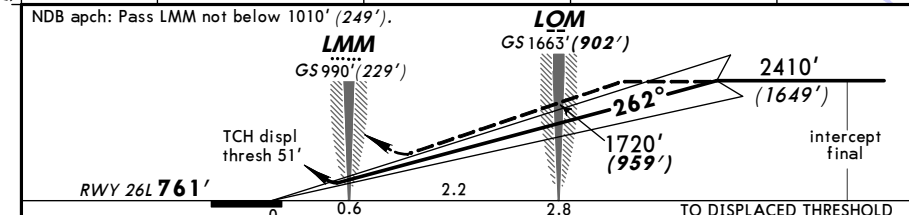
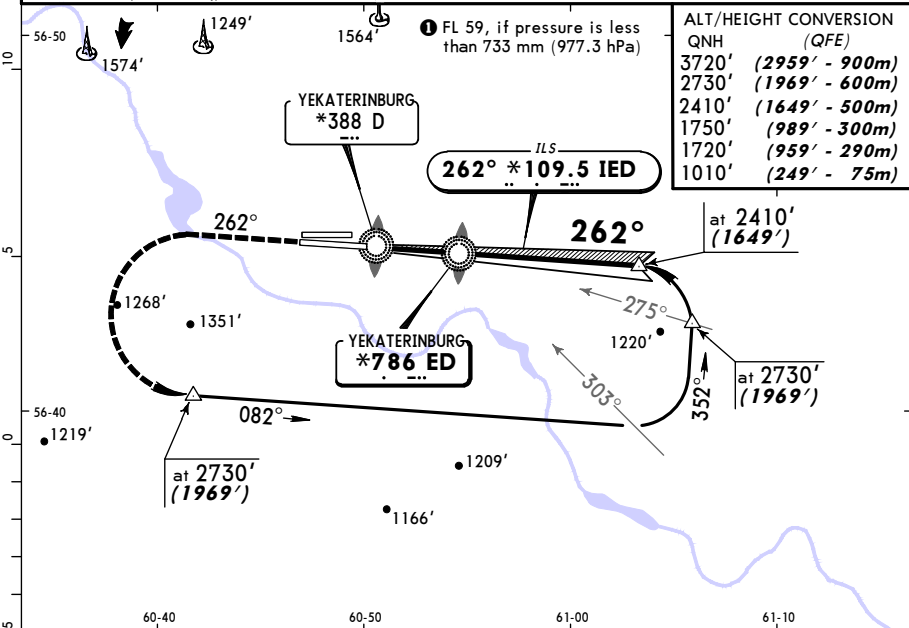
ILS		STRAIGHT-IN LANDING RWY 08R		NDB	
DA(H)	935' (200')	LOC (GS out)		MDA(H)	1070' (335')
FULL	ALS out				ALS out
A					
B					
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED	1200m	RVR 1500m VIS 1600m
D					RVR 1500m VIS 1600m

USSS/SVX
KOLTSOVO

8 DEC 06
Eff 21 Dec

JEPPesen YEKATERINBURG, RUSSIA
ILS or 2 NDB Rwy 26L

ATIS	KOLTSOVO Approach (R)	KOLTSOVO Radar	KOLTSOVO Tower	Ground
127.8	125.9	118.7	120.0	119.0
LOC IED *109.5	Final Apch Crs 262°	GS LOM 1663' (902')	ILS DA(H) 961' (200')	Apt Elev 764'
NDB ED *786		Minimum Alt LOM 1720' (959')	NDB MDA(H) 1240' (479')	RWY 761'
MISSED APCH: Climb on 262° to 1750' (989'), then turn LEFT onto 082° climbing to 2730' (1969'), then according to chart.				MSA D Lctr
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 49	Trans alt: 3720' (2959')	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1750' (989')	262°	082°	2730' (1969')
ILS GS	2.83°	356	457	508	610	711	813				
NDB Desc Grad	5.2%	369	474	527	632	737	843				

ILS		STRAIGHT-IN LANDING RWY 26L		NDB	
DA(H)	961' (200')	LOC (GS out)		MDA(H)	1240' (479')
FULL	ALS out				ALS out
A					
B					
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED	1200m	RVR 1500m VIS 1600m
D					RVR 1800m VIS 2000m

JEPPE
IN 07 (11-3)

ALT/HEIGHT CONVERSION	
QNH	(QFE)
3720'	(2957' - 900m)
2740'	(1977' - 600m)
2410'	(1647' - 500m)
1750'	(987' - 300m)
1650'	(887' - 270m)
1010'	(247' - 75m)



078° 2,19
(1977)

PANIC OPS

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JEPPE
JUN 07 16-1

Diagram of a circular MSA D Lctr. The circle has a radius of 3600'. A point inside the circle is connected to the center by a line of 3100'. The angle between this line and the horizontal radius is 045°. The distance from this point to the right edge of the circle is 2800'. The angle between the horizontal radius and the line to the right edge is 335°.

QNH	(QFE)
3720'	(2983' - 900m)
2710'	(1973' - 600m)
2380'	(1643' - 500m)
1730'	(993' - 300m)
1550'	(813' - 245m)
1000'	(263' - 80m)



1730'
(993')_{on} 078° 258° 2710'
(1973)

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