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Changed chart(s) since Disc 26-2012

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 26-2012

TERMINAL CHART NOTAMs

Chart NOTAMs for Airport USSS

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

(10-2A, 10-2C) Eff 13 DEC 12 RNAV STAR MH 3T track BAGOK - SS319 changed to 070°; RNAV STAR MH 4U track BAGOK - SS419 changed to 071°.

USSS (Koltsovo)**General Info**

Yekaterinburg, RUS

N 56° 44.6' E 60° 48.2' Mag Var: 13.4°E

Elevation: 766'

Public, IFR, Control Tower, Customs

Fuel: Jet A-1

Time Zone Info: GMT+6:00 no DST

Runway Info

Runway 08L-26R 9856' x 148' asphalt

Runway 08R-26L 9928' x 174' concrete

Runway 08L (76.0°M) TDZE 736'

Lights: Edge, ALS

Runway 08R (80.0°M) TDZE 735'

Lights: Edge, ALS

Runway 26L (260.0°M) TDZE 761'

Lights: Edge, ALS

Displaced Threshold Distance 1066'

Runway 26R (256.0°M) TDZE 764'

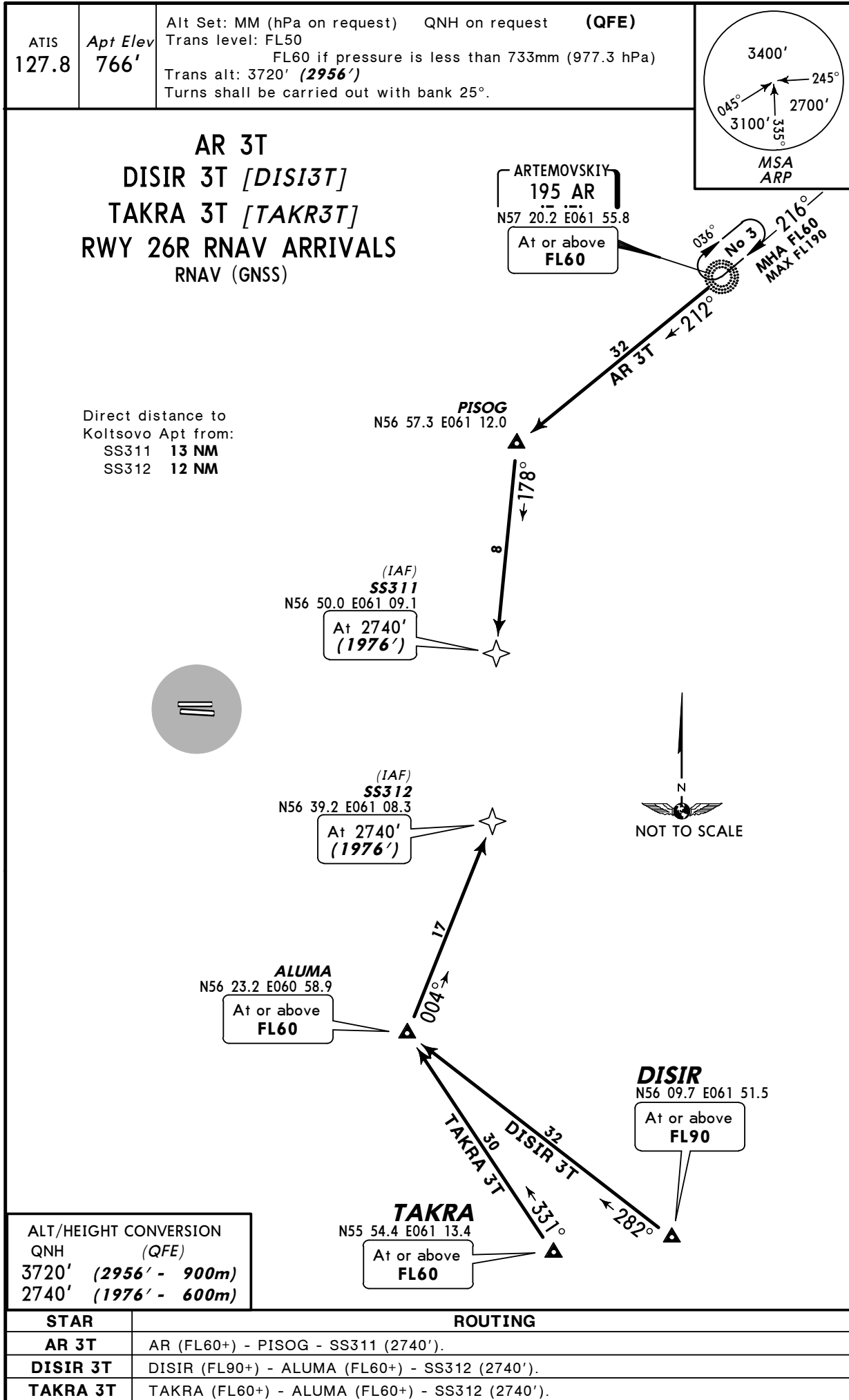
Lights: Edge, ALS

Displaced Threshold Distance 820'

Communications InfoATIS **127.8**Koltsovo Tower **124.0**Koltsovo Tower **120.0**Koltsovo Ground Control **119.0**Koltsovo Approach Control **125.9**Koltsovo Approach Control **124.0**Koltsovo Radar **124.0**Koltsovo Radar **118.7**Koltsovo Transit Operations **131.9**Koltsovo Transit Operations **118.9****Notebook Info**

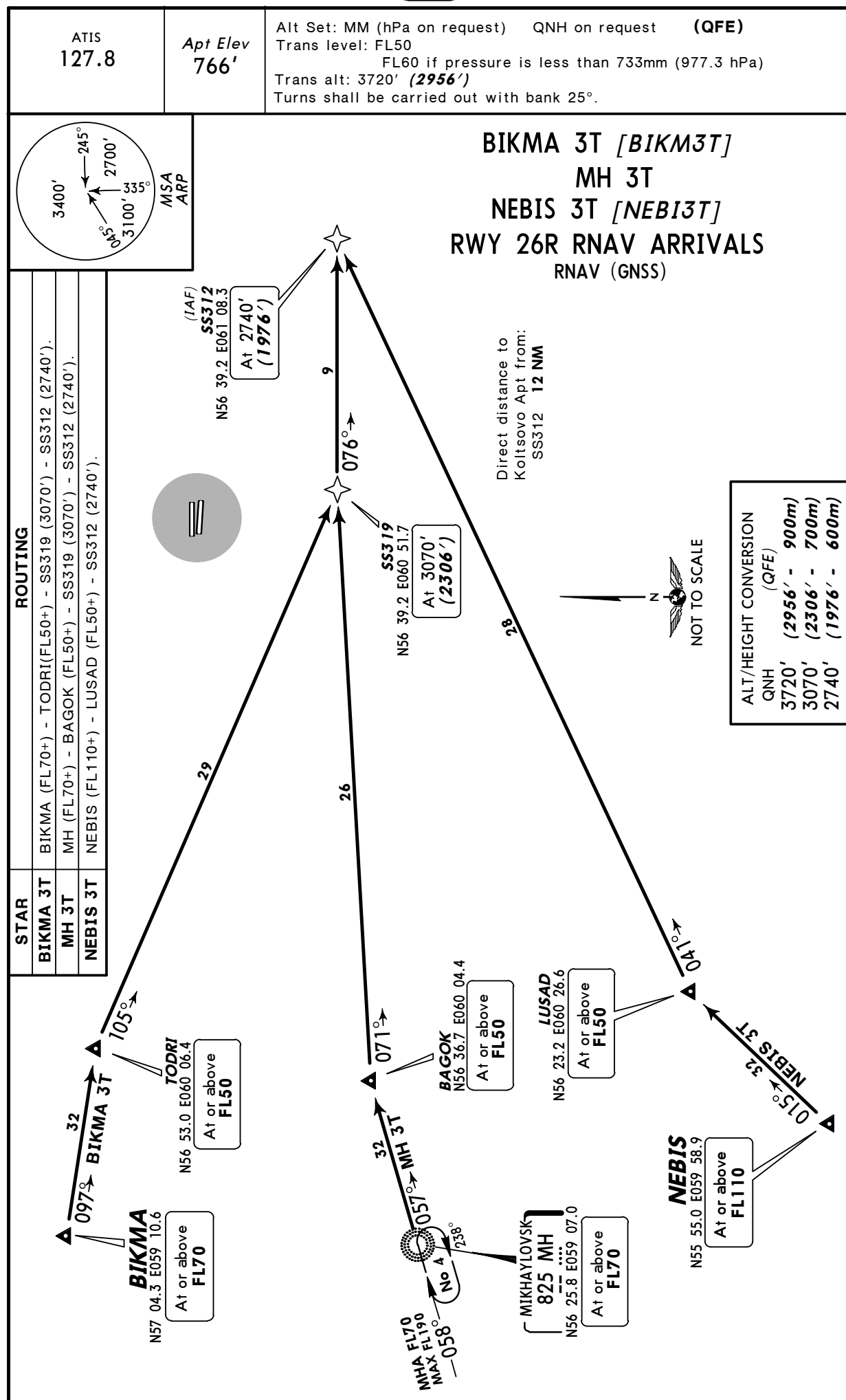
USSS/SVX
KOLTSOVO

JEPPESEN YEKATERINBURG, RUSSIA
18 MAY 12 10-2 Eff 31 May RNAV STAR



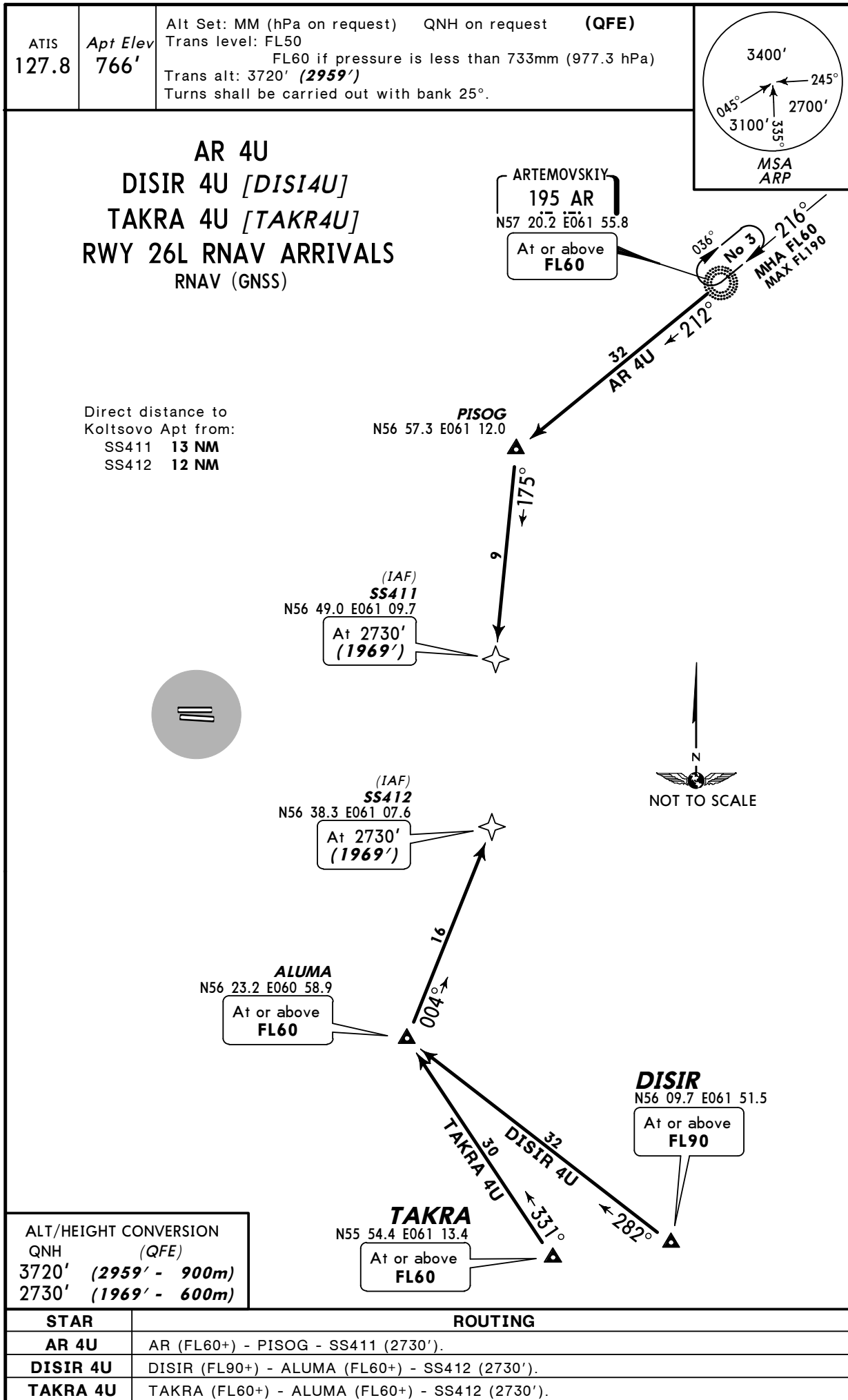
USSS/SVX
KOLTSOVO

JEPPESSEN YEKATERINBURG, RUSSIA
18 MAY 12 **10-2A** Eff 31 May **RNAV STAR**



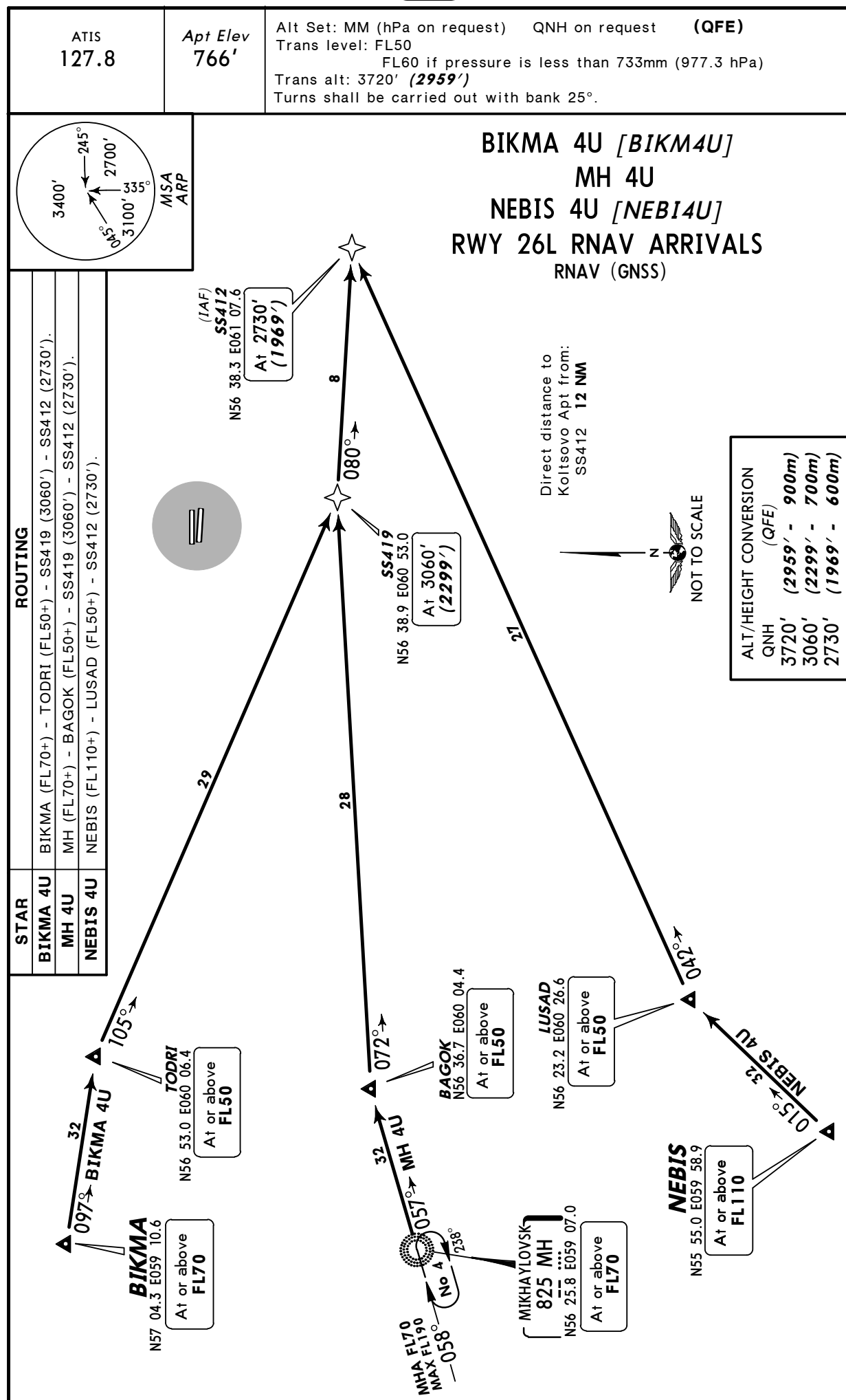
USSS/SVX
KOLTSOVO

JEPPESEN YEKATERINBURG, RUSSIA
18 MAY 12 (10-2B) Eff 31 May RNAV STAR



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KOLTSOVO

JEPPesen YEKATERINBURG, RUSSIA
18 MAY 12 10-2C Eff 31 May RNAV STAR



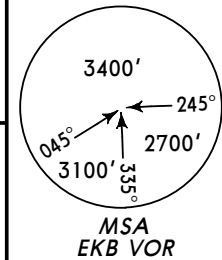
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JEPPESEN YEKATERINBURG, RUSSIA
18 MAY 12 (10-2D) Eff 31 May STAR

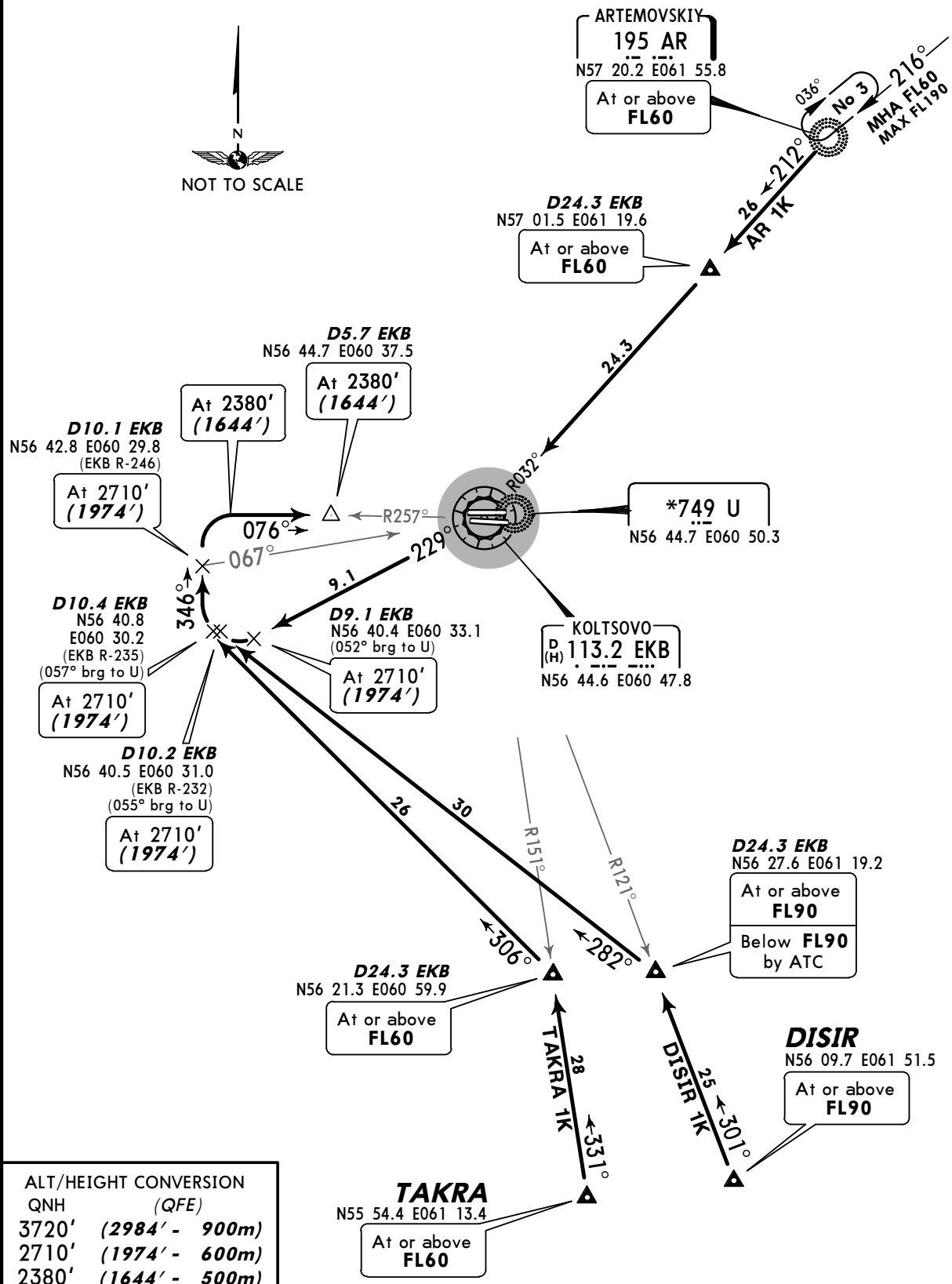
ATIS
127.8

Apt Elev
766'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733mm (977.3 hPa)
Trans alt: 3720' (2984')

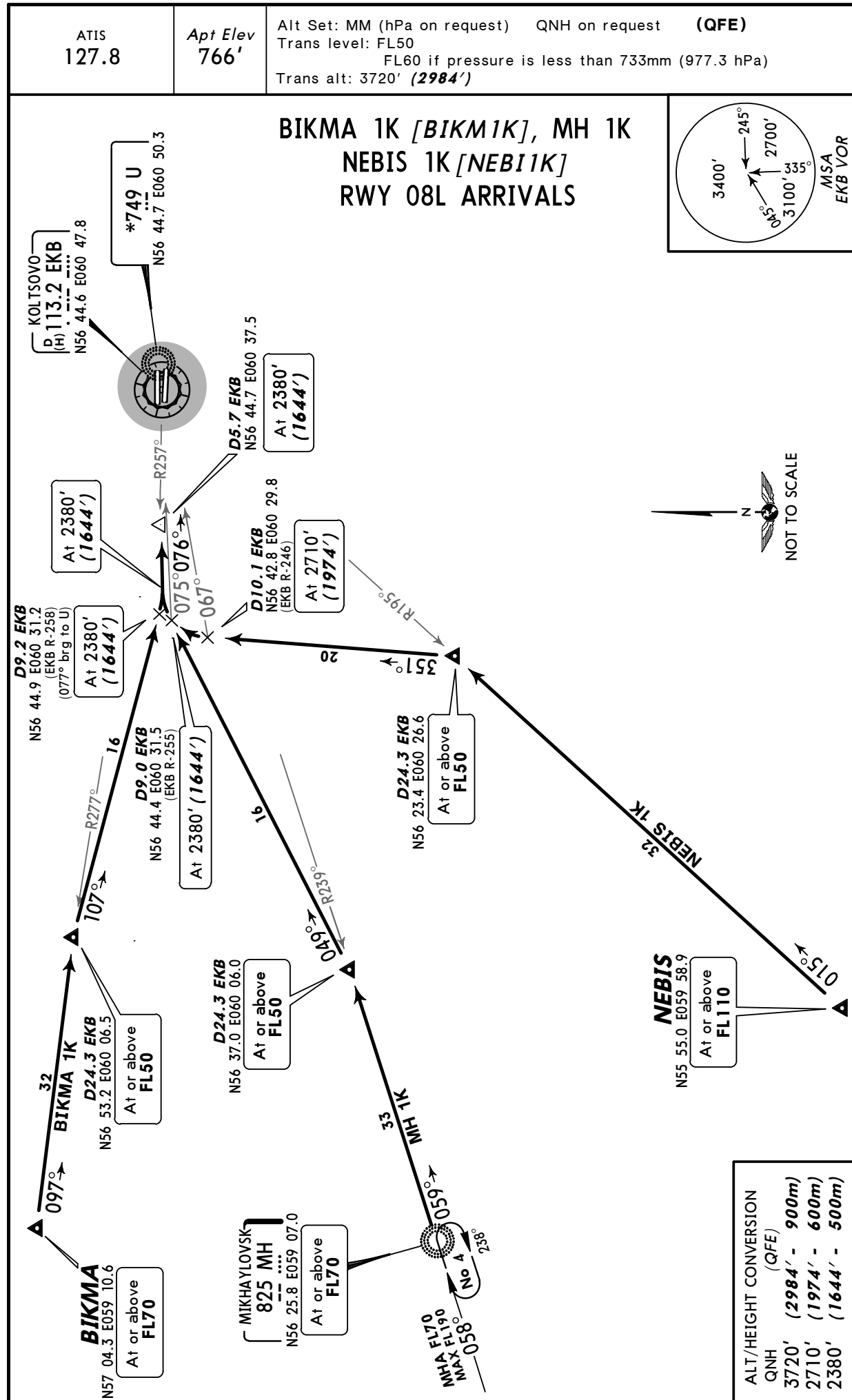


AR 1K, DISIR 1K [DISIR1K]
TAKRA 1K [TAKR1K]
RWY 08L ARRIVALS



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JEPPESEN YEKATERINBURG, RUSSIA
18 MAY 12 10-2E Eff 31 May STAR



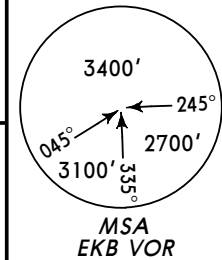
USSS/SVX
KOLTSOVO

JEPPESEN YEKATERINBURG, RUSSIA
18 MAY 12 10-2F Eff 31 May STAR

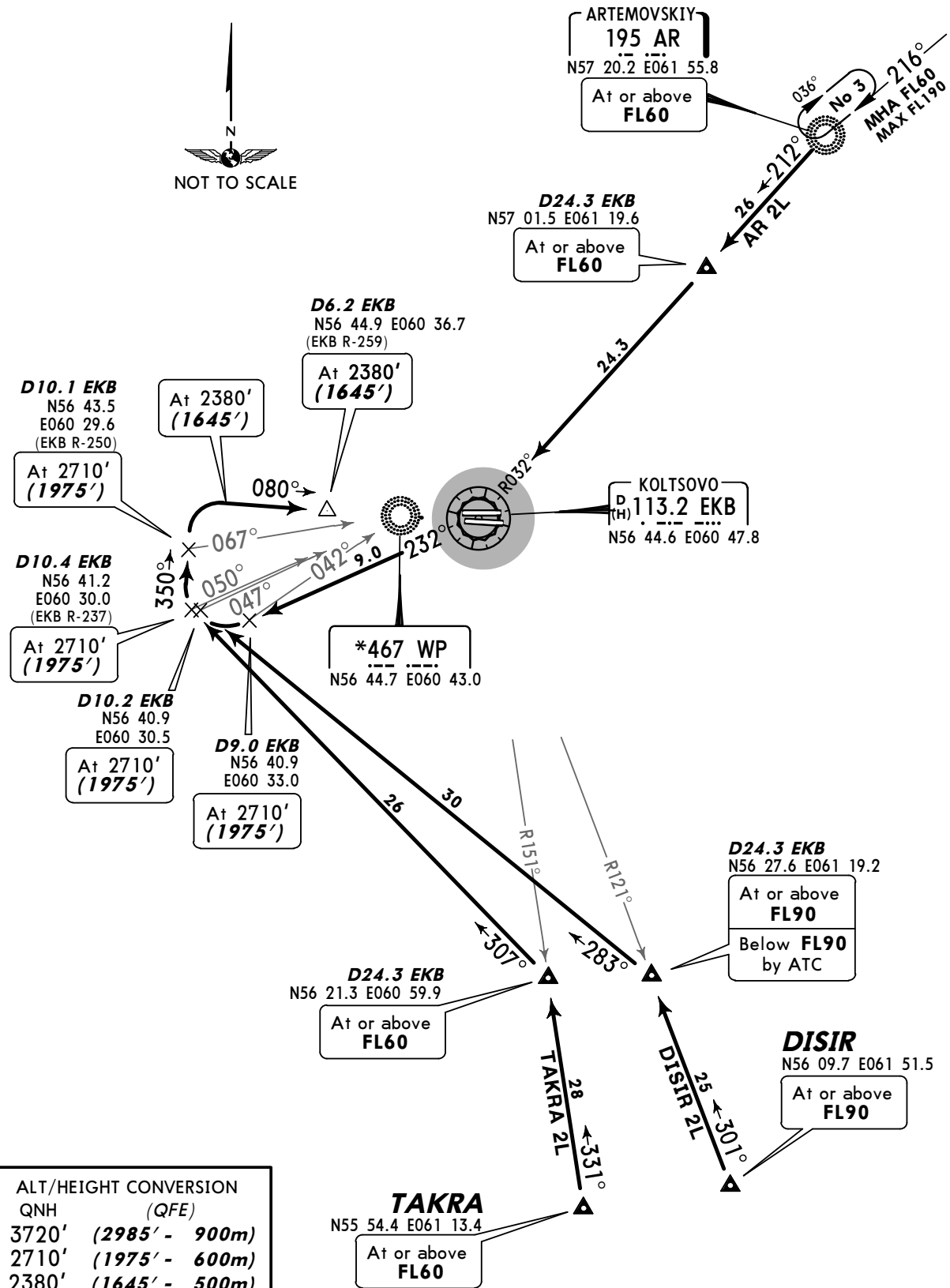
ATIS
127.8

Apt Elev
766'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733mm (977.3 hPa)
Trans alt: 3720' (2985')



AR 2L, DISIR 2L [DISI2L]
TAKRA 2L [TAKR2L]
RWY 08R ARRIVALS

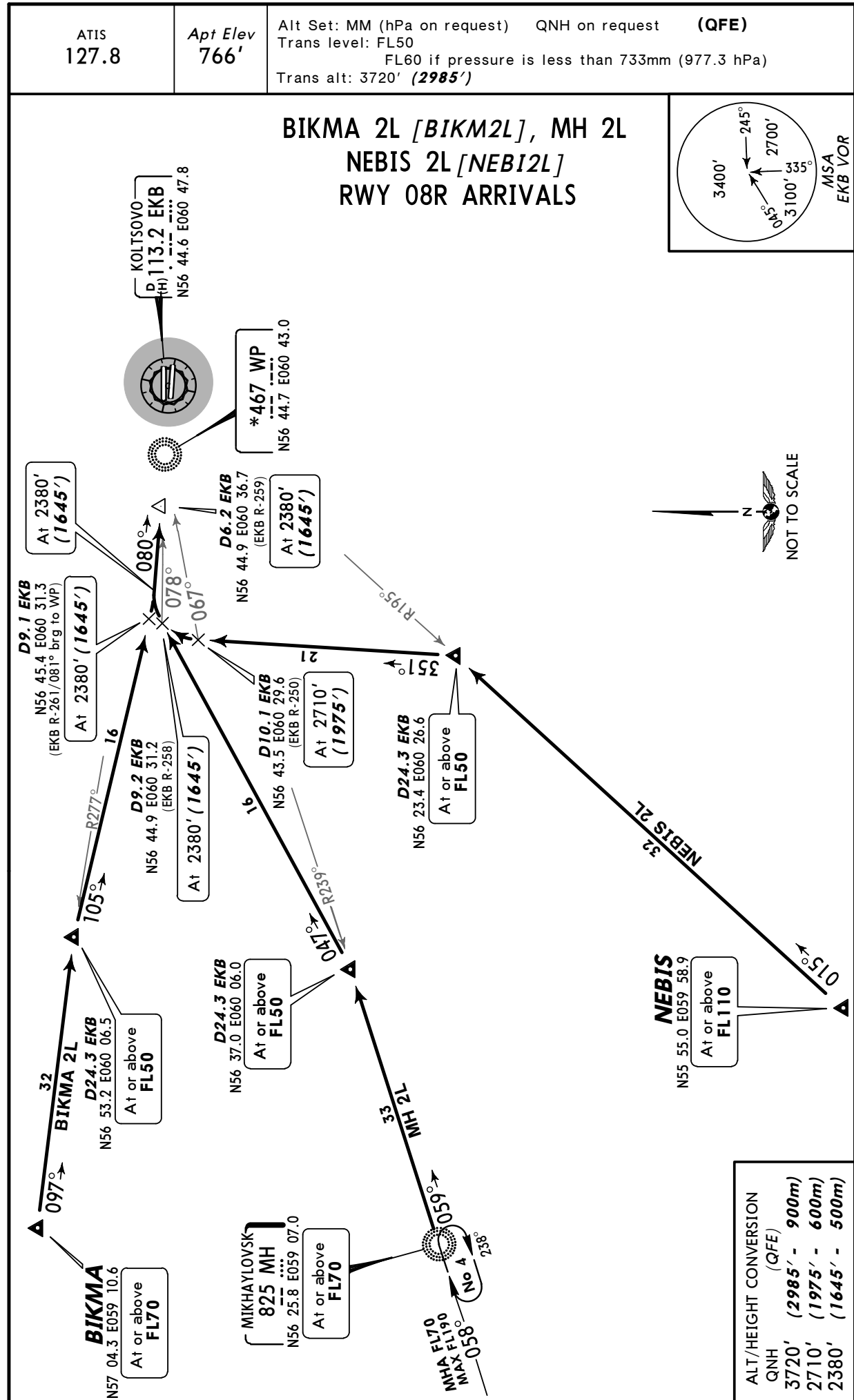


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JEPPESEN
18 MAY 12 10-2G Eff 31 May

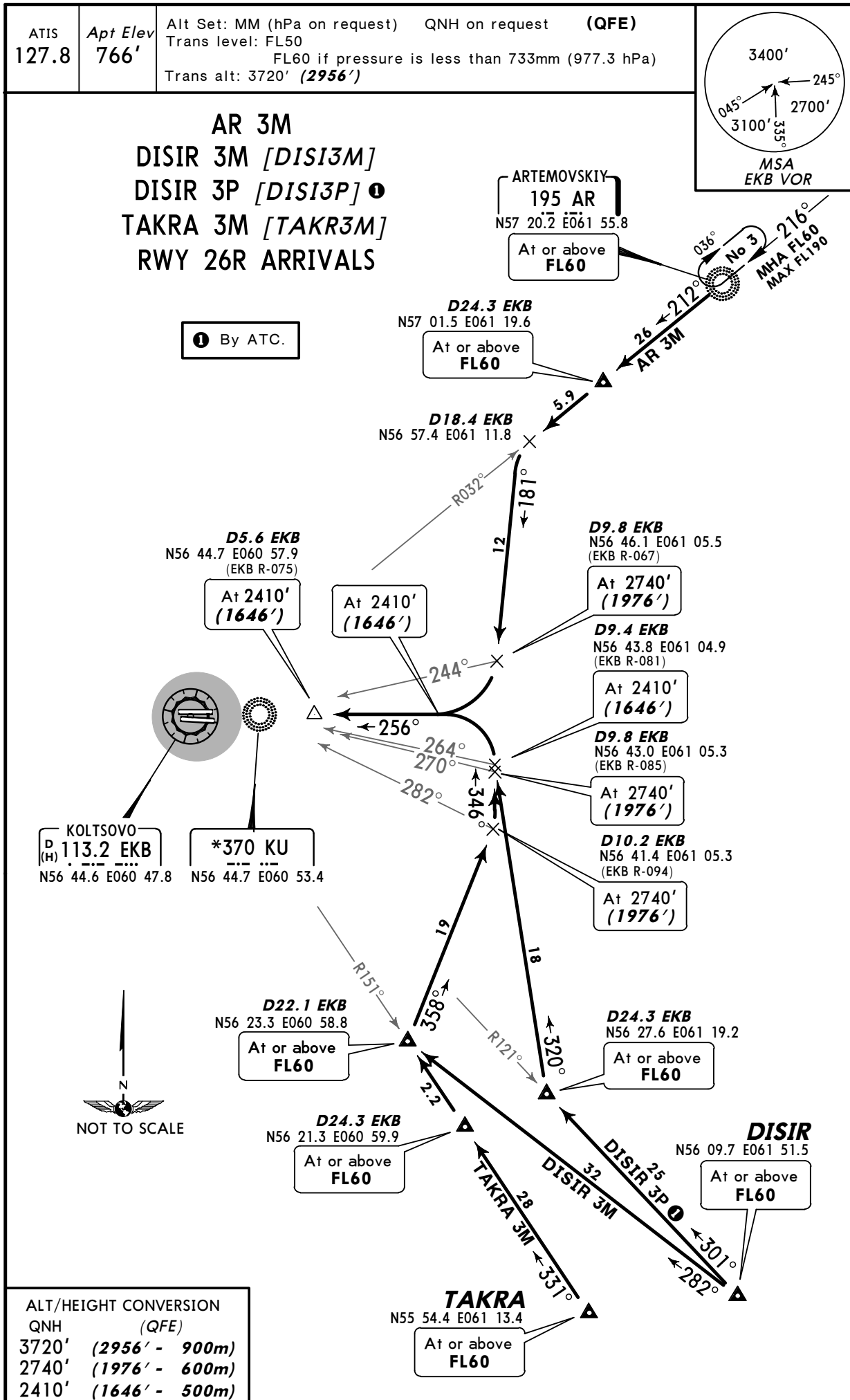
YEKATERINBURG, RUSSIA

STAR



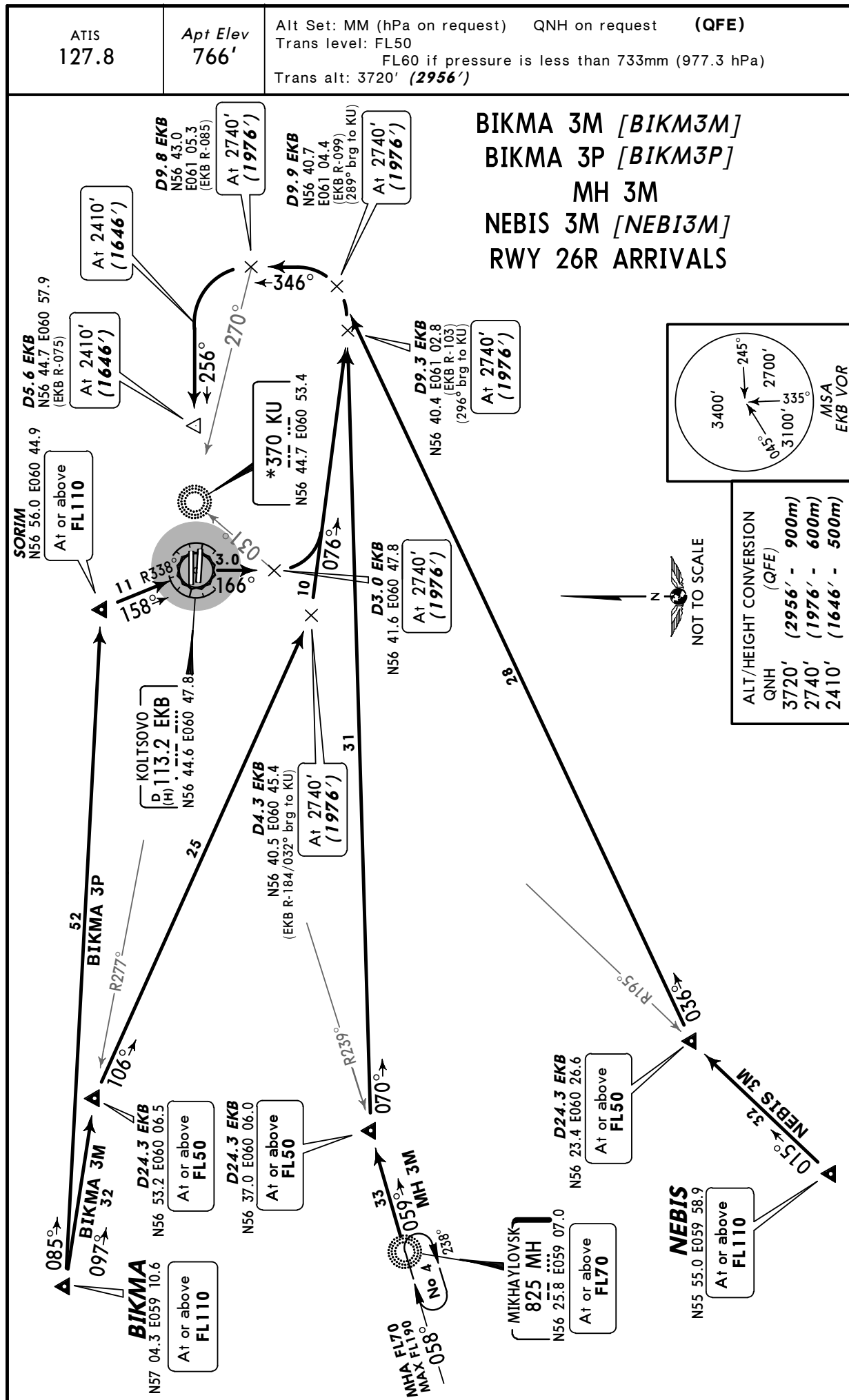
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KOLTSOVO

JEPPESEN YEKATERINBURG, RUSSIA
18 MAY 12 (10-2H) Eff 31 May STAR



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JEPPSEN YEKATERINBURG, RUSSIA
18 MAY 12 (10-2J) Eff 31 May **STAR**

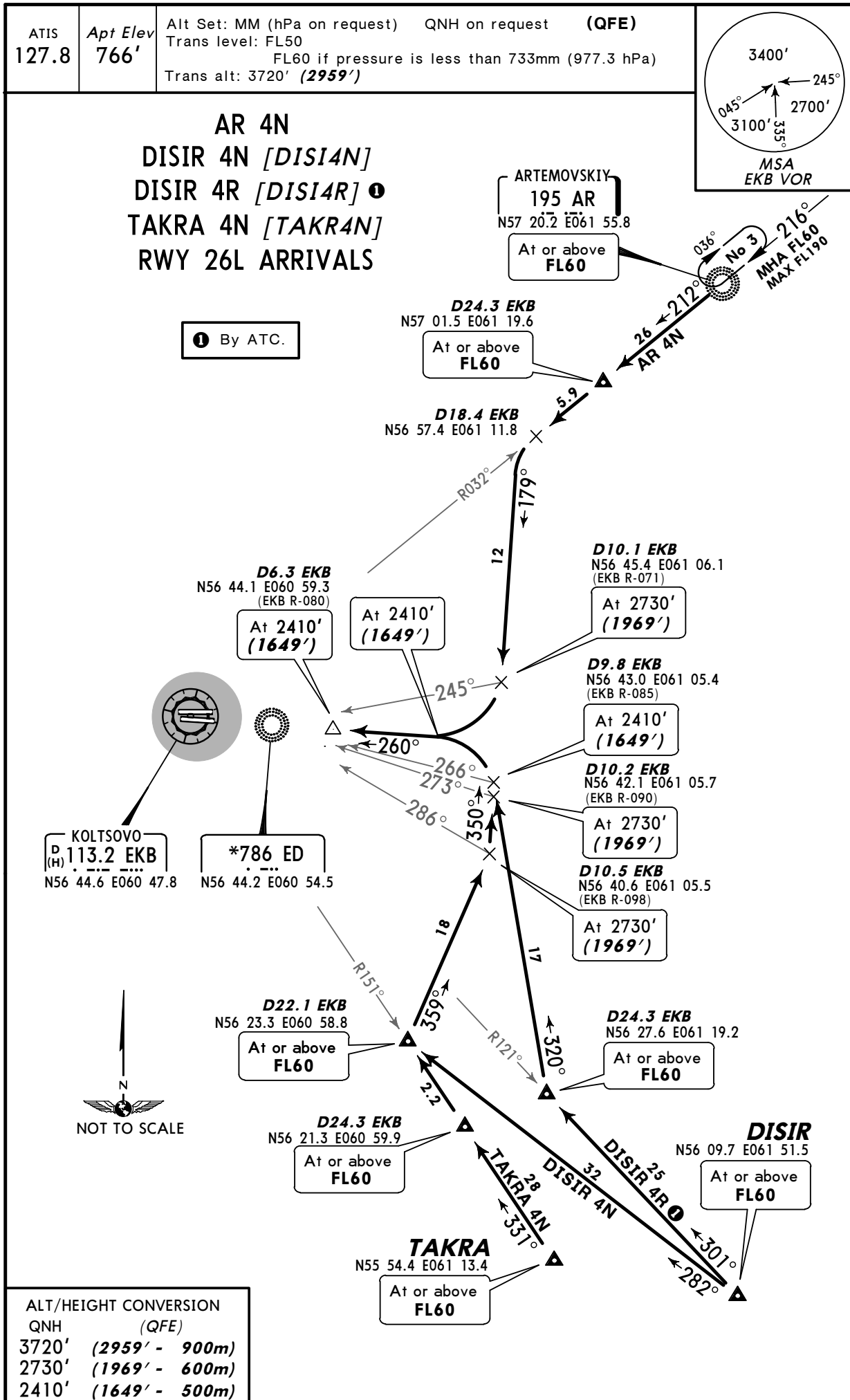
STAR

CHANGES: MH INS coordinates; crossing at BIKMA.

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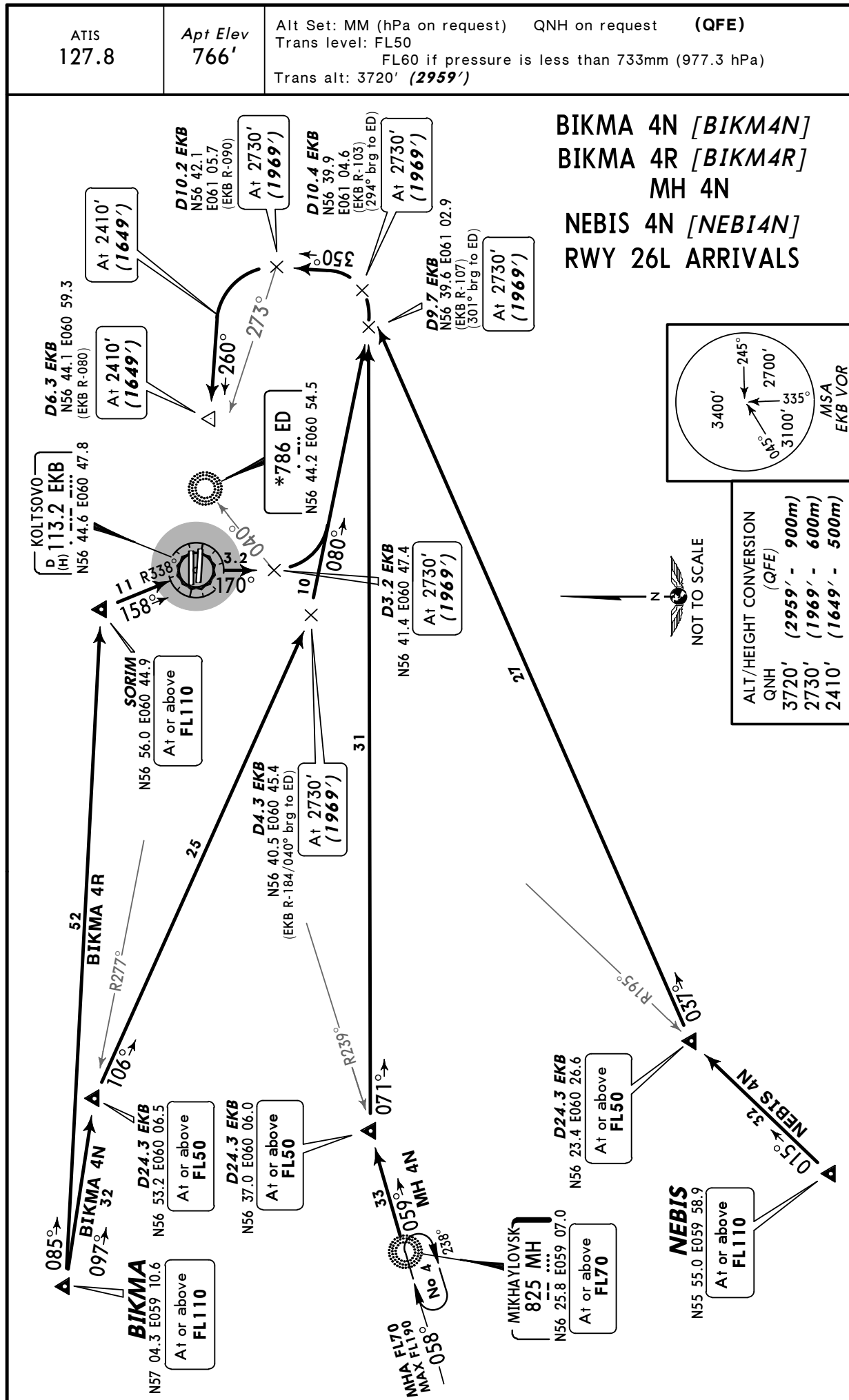
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JEPPesen YEKATERINBURG, RUSSIA
18 MAY 12 10-2K Eff 31 May STAR



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JEPPESSEN YEKATERINBURG, RUSSIA
18 MAY 12 (10-2L) Eff 31 May STAR

STAR

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KOLTSOVO

13 JUL 12

10-3



JEPPESEN

YEKATERINBURG, RUSSIA

SID

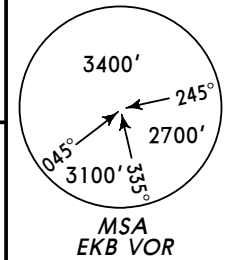
Apt Elev
766'

QNH on request (QFE)

Trans level: FL50

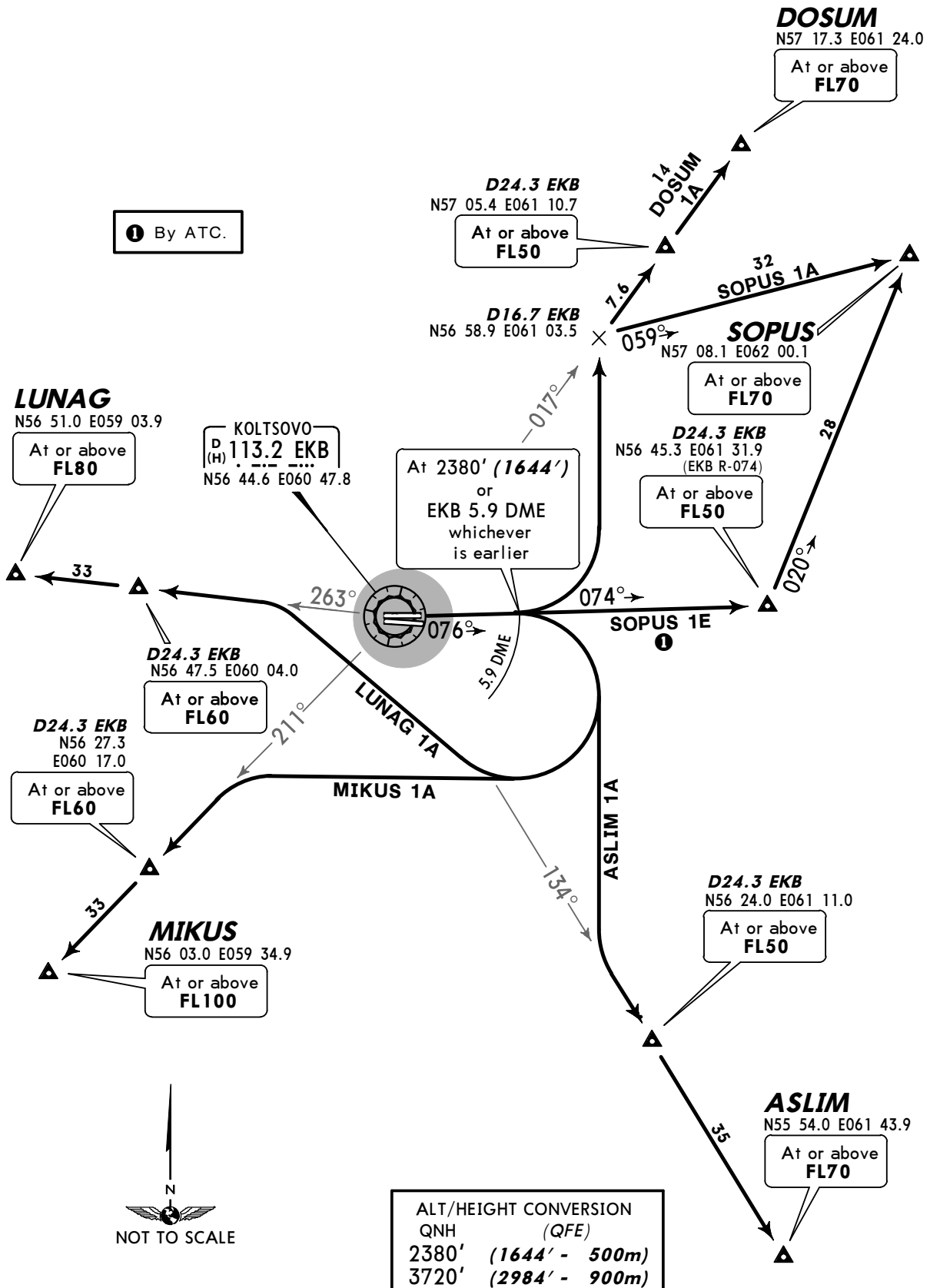
FL60 if pressure is less than 733mm (977.3 hPa)

Trans alt: 3720' (2984')



ASLIM 1A [ASLI1A], DOSUM 1A [DOSU1A]
LUNAG 1A [LUNA1A], MIKUS 1A [MIKU1A]
SOPUS 1A [SOPU1A], SOPUS 1E [SOPU1E] ①
RWY 08L DEPARTURES

① By ATC.



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KOLTSOVO

13 JUL 12

(10-3A)



JEPPESEN

YEKATERINBURG, RUSSIA

SID

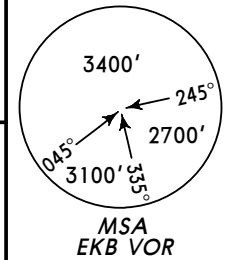
Apt Elev
766'

QNH on request (QFE)

Trans level: FL50

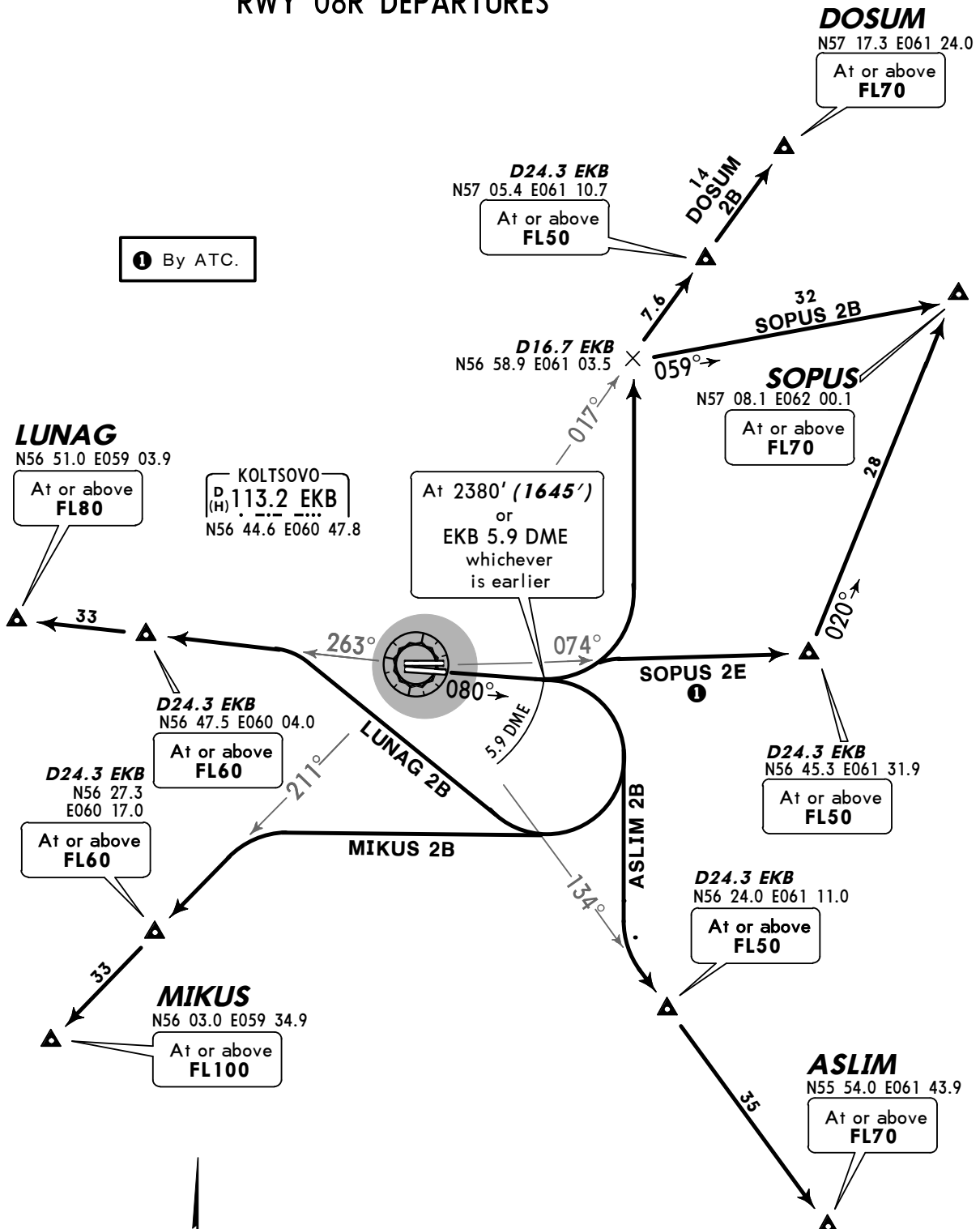
FL60 if pressure is less than 733mm (977.3 hPa)

Trans alt: 3720' (2985')



ASLIM 2B [ASLI2B], DOSUM 2B [DOSU2B]
LUNAG 2B [LUNA2B], MIKUS 2B [MIKU2B]
SOPUS 2B [SOPU2B], SOPUS 2E [SOPU2E] ①
RWY 08R DEPARTURES

① By ATC.



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KOLTSOVO

JEPPESEN YEKATERINBURG, RUSSIA
4 NOV 11 10-3B Eff 17 Nov SID

Apt Elev
766'

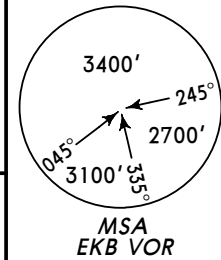
QNH on request (QFE)

Trans level: FL50

FL60 if pressure is less than 733mm (977.3 hPa)

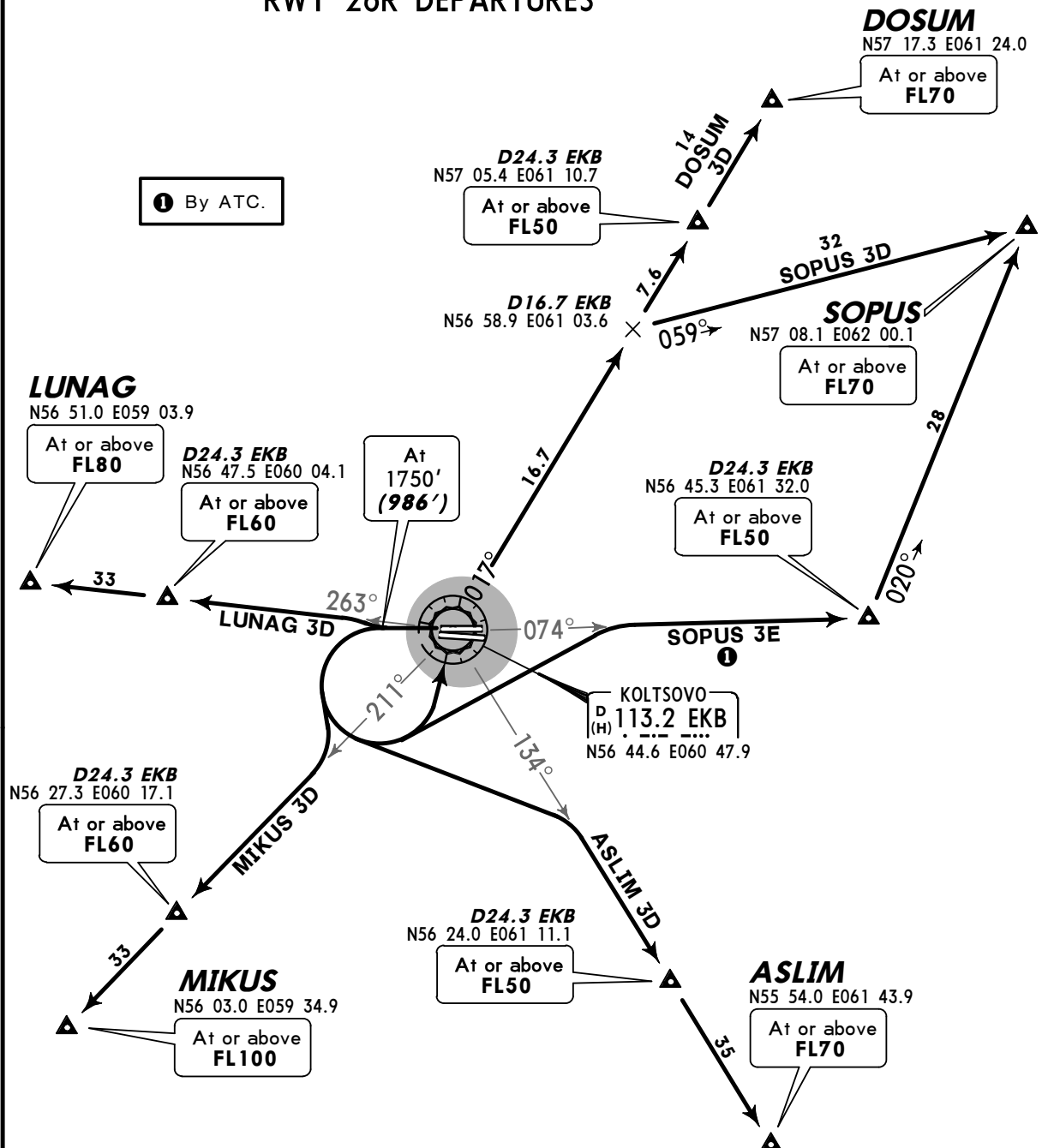
Trans alt: 3720' (2956')

Take off should be executed with noise abatement procedures according to Flight Operation Manual.



ASLIM 3D [ASLI3D] , DOSUM 3D [DOSU3D]
LUNAG 3D [LUNA3D] , MIKUS 3D [MIKU3D]
SOPUS 3D [SOPU3D] , SOPUS 3E [SOPU3E] ①
RWY 26R DEPARTURES

① By ATC.



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



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JEPPESEN YEKATERINBURG, RUSSIA
4 NOV 11 (10-3C) Eff 17 Nov SID

Apt Elev
766'

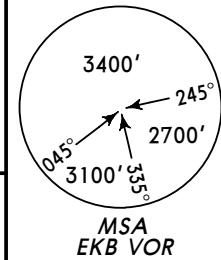
QNH on request (QFE)

Trans level: FL50

FL60 if pressure is less than 733mm (977.3 hPa)

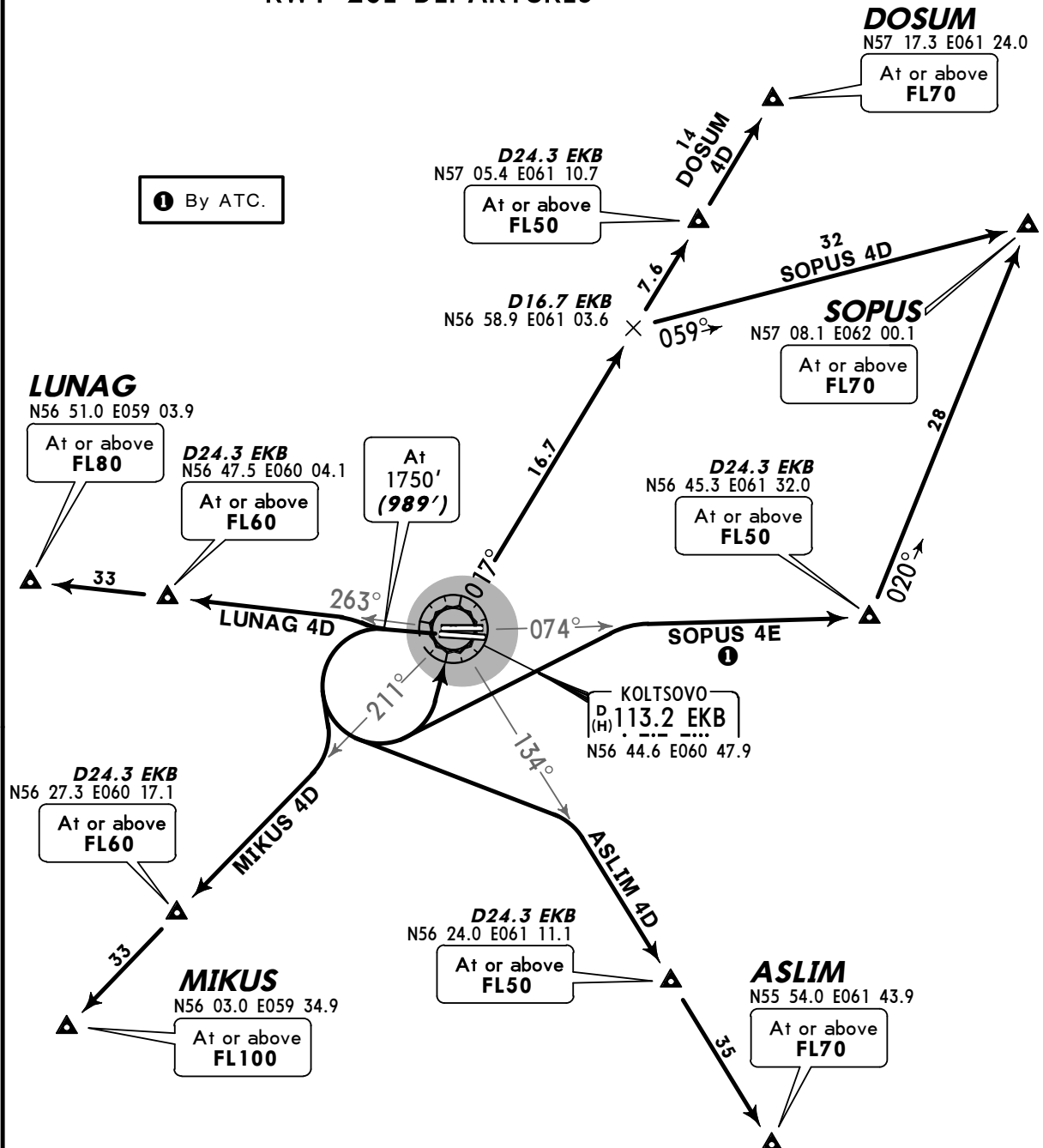
Trans alt: 3720' (2956')

Take off should be executed with noise abatement procedures according to Flight Operation Manual.



ASLIM 4D [ASLI4D] , DOSUM 4D [DOSU4D]
LUNAG 4D [LUNA4D] , MIKUS 4D [MIKU4D]
SOPUS 4D [SOPU4D] , SOPUS 4E [SOPU4E] ①
RWY 26L DEPARTURES

① By ATC.



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Apt Elev **766'**

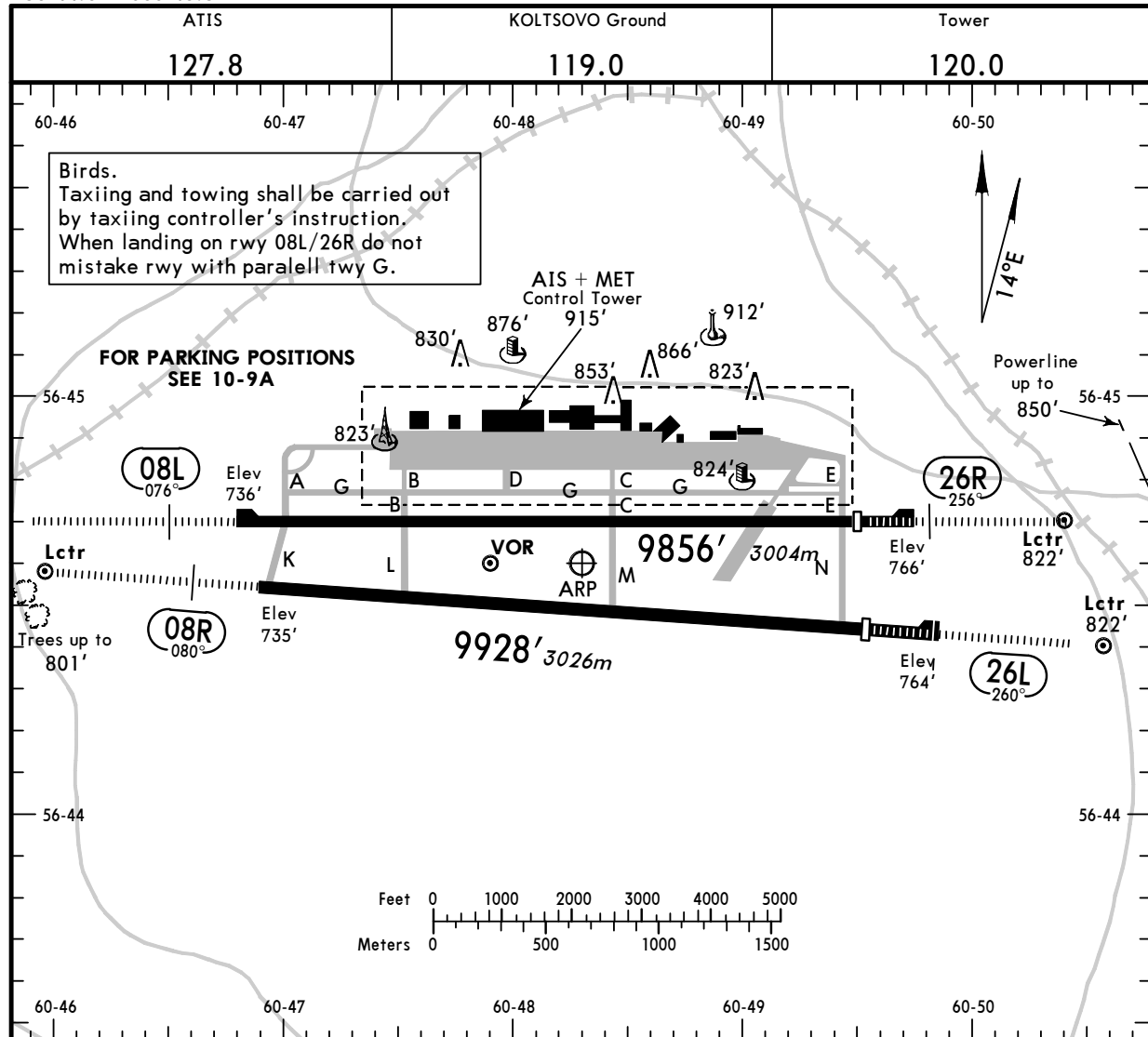
N56 44.6 E060 48.3

JEPPESEN

27 JAN 12 (10-9)

YEKATERINBURG, RUSSIA

KOLTSOVO



ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS		TAKE-OFF	WIDTH
				Threshold	Glide Slope		
08L	HIRL (57m)	HIALS	PAPI-L (angle 3.0°) ①			②	148' 45m
26R	HIRL (57m)	HIALS	PAPI-L (angle 3.17°) ①	9036' 2754m	8185' 2495m	②	148' 45m
08R	HIRL (60m)	HIALS	PAPI-L (angle 2.67°) ①	9682' 2951m	8953' 2729m	②	174' 53m
26L	HIRL (60m)	HIALS	PAPI-L (angle 2.83°) ①	8862' 2701m	7768' 2368m	②	174' 53m

① Use by B747 acft prohibited.

② TAKE-OFF RUN AVAILABLE

RWY 08L:

From rwy head 9856' (3004m)
twy A int 9154' (2790m)
twy B int 7073' (2156m)

RWY 08R:

From rwy head 9682' (2951m)
twy L int 7434' (2266m)

RWY 26R:

From rwy head 9856' (3004m)
twy E int 8835' (2693m)
twy C int 5709' (1740m)

RWY 26L:

From rwy head 9928' (3026m)
twy N int 8419' (2566m)
twy M int 5197' (1584m)

TAKE-OFF

AIR CARRIER (JAA)

All Rwys

LVP must be in force

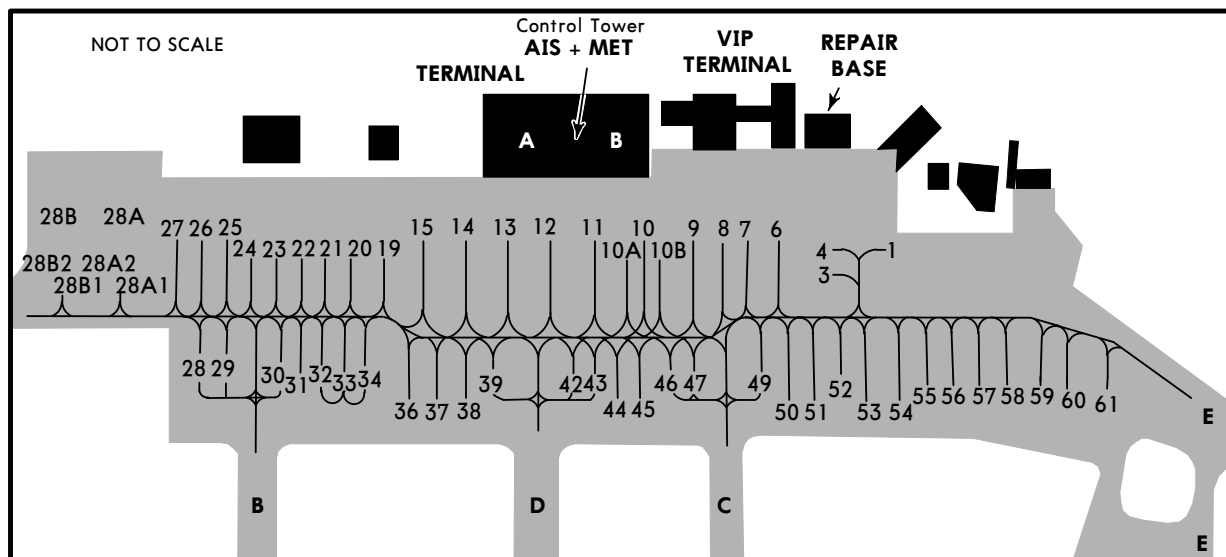
RCLM (DAY only)
or RLRCLM (DAY only)
or RL

A		
B	250m	400m
C		
D	300m	

CHANGES: None.

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USSS/SVX

27 JAN 12 **JEPPESEN**
(10-9A)YEKATERINBURG, RUSSIA
KOLTSOVO

Stand 52 available for engines run-up, coordinates N56 44.8 E060 48.6.
Stands 28 thru 30, 49, 50 and 55 thru 61 available for helicopters.

INS COORDINATES

STAND No.	COORDINATES	STAND No.	COORDINATES
6	N56 45.0 E060 48.5	39	N56 44.9 E060 48.0
7, 8	N56 45.0 E060 48.4	42	N56 44.9 E060 48.1
9	N56 45.0 E060 48.3	43 thru 45	N56 44.9 E060 48.2
10 thru 10B	N56 45.0 E060 48.2	46, 47	N56 44.9 E060 48.3
11, 12	N56 45.0 E060 48.1	49, 50	N56 44.9 E060 48.5
13, 14	N56 45.0 E060 48.0	51, 52	N56 44.9 E060 48.6
15	N56 45.0 E060 47.9	53, 54	N56 44.9 E060 48.7
19, 20	N56 45.0 E060 47.8	55, 56	N56 44.9 E060 48.8
21, 22	N56 45.0 E060 47.7	57, 58	N56 44.9 E060 48.9
23	N56 45.0 E060 47.6	59, 60	N56 44.9 E060 49.0
24, 25	N56 45.0 E060 47.5	61	N56 44.9 E060 49.1
26, 27	N56 45.0 E060 47.4		
28	N56 44.9 E060 47.4		
28A	N56 45.0 E060 47.3		
28B	N56 45.0 E060 47.2		
29	N56 44.9 E060 47.5		
30, 31	N56 44.9 E060 47.6		
32, 33	N56 44.9 E060 47.7		
34	N56 44.9 E060 47.8		
36 thru 38	N56 44.9 E060 47.9		

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YEKATERINBURG, RUSSIA
KOLTSOVO

Standard

STRAIGHT-IN RWY		A	B	C	D
08L	ILS	936' (200')	936' (200')	936' (200')	936' (200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ①	1470' (734')	1470' (734')	1470' (734')	1470' (734')
	with FAF	C2700m	C2700m	C2700m	C2700m
	ALS out	C3400m	C3400m	C3400m	C3400m
08R	NDB	1830' (1094')	1830' (1094')	1830' (1094')	1830' (1094')
	w/o FAF	C4300m	C4300m	C4500m	C4500m
	ALS out	C5000m	C5000m	C5000m	C5000m
	ILS	935' (200')	935' (200')	935' (200')	935' (200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
26L	NDB ①	1070' (335')	1070' (335')	1070' (335')	1070' (335')
	with FAF	R800m	R800m	R800m	R800m
	ALS out	R1500m	R1500m	R1500m	R1500m
	NDB	1710' (975')	1710' (975')	1710' (975')	1710' (975')
	w/o FAF	C4000m	C4000m	C4200m	C4200m
	ALS out	C4700m	C4700m	C4900m	C4900m
	ILS	961' (200')	961' (200')	961' (200')	961' (200')
	FULL	R550m	R550m	R550m	R550m
26R	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	RNAV ①	1260' (499')	1260' (499')	1260' (499')	1260' (499')
		R1500m	R1500m	R1500m	R1500m
	ALS out	R1500m	R1500m	C2300m	C2300m
	NDB ①	1240' (479')	1240' (479')	1240' (479')	1240' (479')
		R1500m	R1500m	R1500m	R1500m
26R	ALS out	R1500m	R1500m	C2200m	C2200m
	ILS	964' (200')	964' (200')	964' (200')	964' (200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	RNAV ①	1260' (496')	1260' (496')	1260' (496')	1260' (496')
		R1500m	R1500m	R1500m	R1500m
26R	ALS out	R1500m	R1500m	C2300m	C2300m
	NDB ①	1220' (456')	1220' (456')	1220' (456')	1220' (456')
		R1400m	R1400m	R1400m	R1400m
	ALS out	R1500m	R1500m	C2100m	C2100m

① Continuous Descent Final Approach

USSS/SVX



YEKATERINBURG RUSSIA
KOLTSOVO

TAKE-OFF RWY 08L/R, 26L/R

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		

USSS/SVX


JAA MINIMUMS
YEKATERINBURG RUSSIA
KOLTSOVO

STRAIGHT-IN RWY		A	B	C	D
08L	ILS	936' (200')	936' (200')	936' (200')	936' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	NDB	1470' (734')	1470' (734')	1470' (734')	1470' (734')
	with FAF <i>ALS out</i>	R1200m R1500m	R1400m R1500m	R1400m R2000m	R1800m R2000m
	NDB	1830' (1094')	1830' (1094')	1830' (1094')	1830' (1094')
	w/o FAF <i>ALS out</i>	R1200m R1500m	R1400m R1500m	R1400m R2000m	R1800m R2000m
08R	ILS	935' (200')	935' (200')	935' (200')	935' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	NDB	1070' (335')	1070' (335')	1070' (335')	1070' (335')
	with FAF <i>ALS out</i>	R900m R1500m	R1000m R1500m	R1000m R1800m	R1400m R2000m
	NDB	1710' (975')	1710' (975')	1710' (975')	1710' (975')
	w/o FAF <i>ALS out</i>	R1200m R1500m	R1400m R1500m	R1400m R2000m	R1800m R2000m
26L	ILS	961' (200')	961' (200')	961' (200')	961' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	RNAV	1260' (499')	1260' (499')	1260' (499')	1260' (499')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	NDB	1240' (479')	1240' (479')	1240' (479')	1240' (479')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
26R	ILS	964' (200')	964' (200')	964' (200')	964' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	RNAV	1260' (496')	1260' (496')	1260' (496')	1260' (496')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	NDB	1220' (456')	1220' (456')	1220' (456')	1220' (456')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m

USSS/SVX

 **JEPPESSEN**

7 DEC 12

Eff 13 Dec

10-9X1

JAA MINIMUMS

YEKATERINBURG, RUSSIA
KOLTSOVO

TAKE-OFF RWY 08L/R, 26L/R

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		

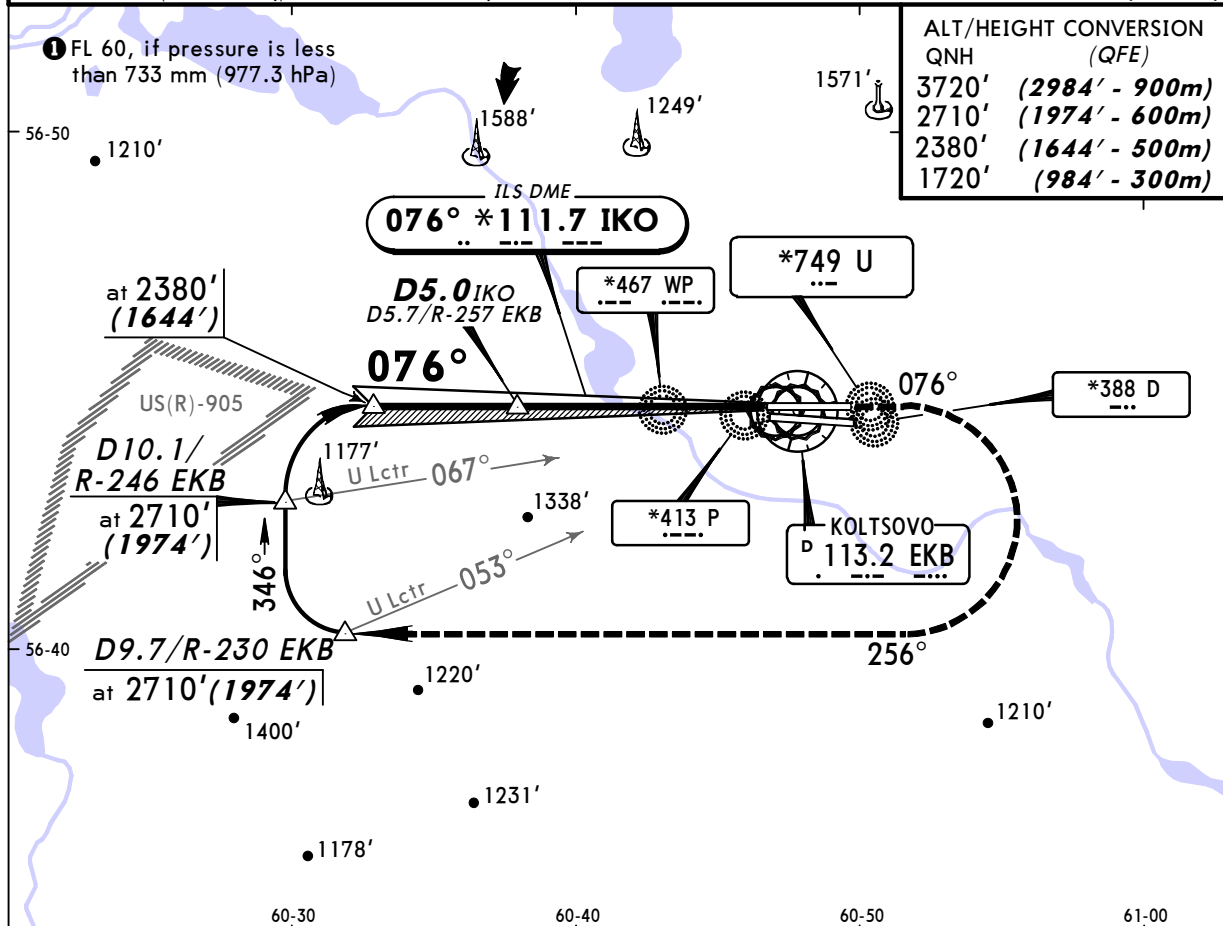
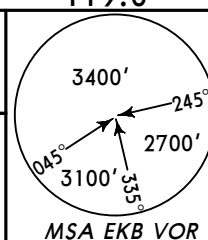
USSS/SVX
KOLTSOVO

JEPPESEN
18 MAY 12 **11-1** Eff 31 May

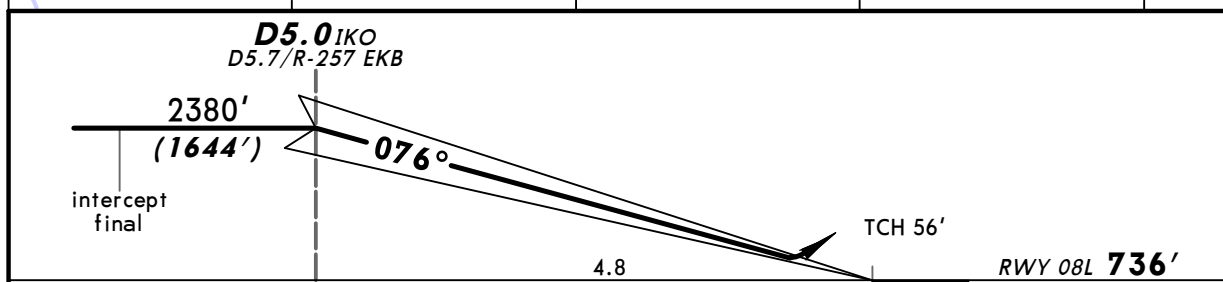
YEKATERINBURG, RUSSIA
ILS DME Rwy 08L

BRIEFING STRIP

ATIS 127.8	KOLTSOVO Approach 125.9 124.0	KOLTSOVO Radar 118.7 124.0	KOLTSOVO Tower 120.0 124.0	Ground 119.0
LOC IKO *111.7	Final Apch Crs 076°	GS No Alt published	ILS DA(H) 936'(200')	Apt Elev 766' RWY 736'
MISSED APCH: Climb on 076° to 1720'(984'), then turn RIGHT onto 256° climbing to 2710'(1974'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 ① Trans alt: 3720' (2984')				



ALT/HEIGHT CONVERSION	QNH	(QFE)
3720'	(2984' - 900m)	
2710'	(1974' - 600m)	
2380'	(1644' - 500m)	
1720'	(984' - 300m)	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1720' (984') on 076°	256° RT	2710' (1974')
GS	3.00°	377	484	538	646	753	861			

STRAIGHT-IN LANDING RWY 08L					
ILS		LOC (GS out)			
DA(H) 936'(200')					
FULL	ALS out				
A					
B					
C	800m	1200m	NOT AUTHORIZED		
D					

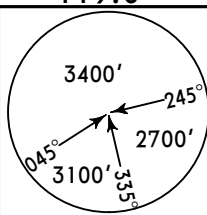
PANS OPS

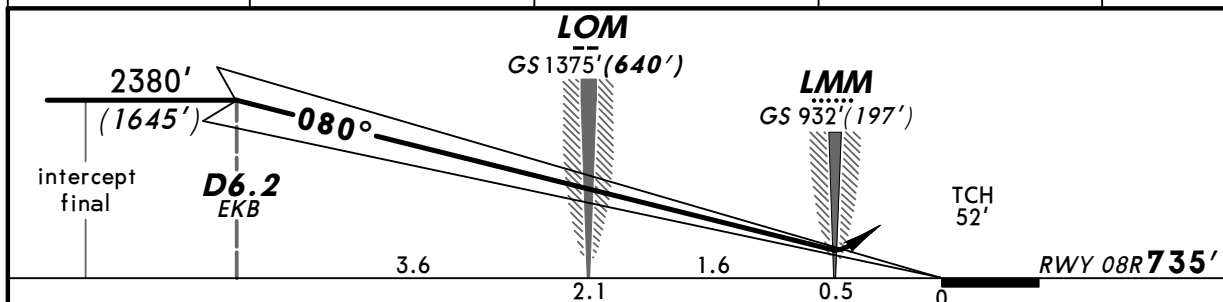
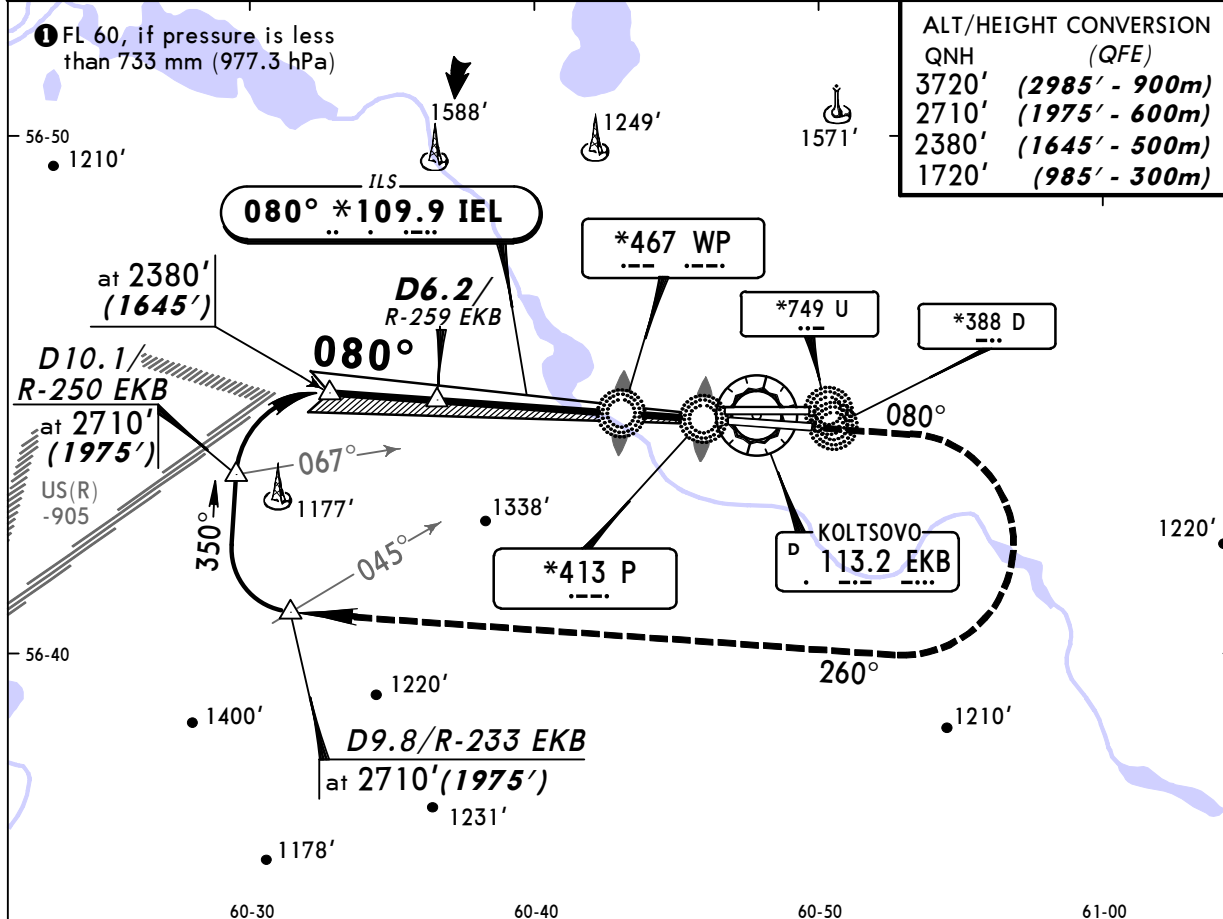
USSS/SVX
KOLTSOVO

JEPPESSEN
18 MAY 12 (11-2) Eff 31 May

YEKATERINBURG, RUSSIA
ILS Rwy 08R

BRIEFING STRIP

ATIS 127.8	KOLTSOVO Approach 125.9 124.0	KOLTSOVO Radar 118.7 124.0	KOLTSOVO Tower 120.0 124.0	Ground 119.0
LOC IEL *109.9	Final Apch Crs 080°	GS LOM 1375' (640')	ILS DA(H) 935' (200')	Apt Elev 766' RWY 735'
MISSED APCH: Climb on 080° to 1720' (985'), then turn RIGHT onto 260° climbing to 2710' (1975'), then according to chart.				 MSA EKB VOR
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50
				Trans alt: 3720' (2985')



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1720' (985') on 080°	260° RT	2710' (1975')
GS	2.67°	336	432	480	576	671	767	PAPI		

STRAIGHT-IN LANDING RWY 08R			
ILS		LOC (GS out)	
DA(H) 935' (200')			
FULL	ALS out		
A			
B			
C	800m	1200m	NOT AUTHORIZED
D			

PANS OPS

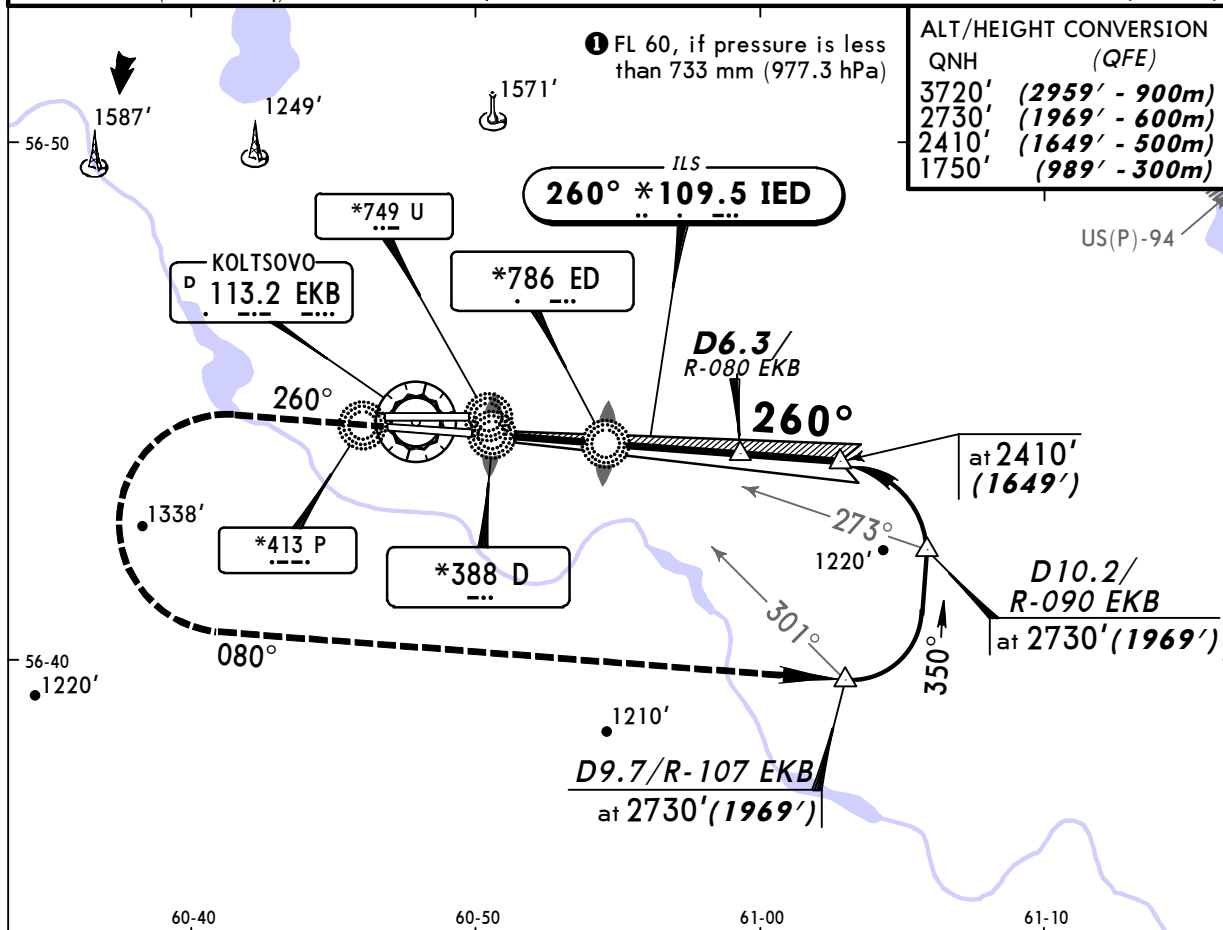
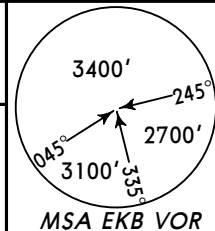
USSS/SVX
KOLTSOVO

JEPPESSEN
4 NOV 11 **11-3** Eff 17 Nov

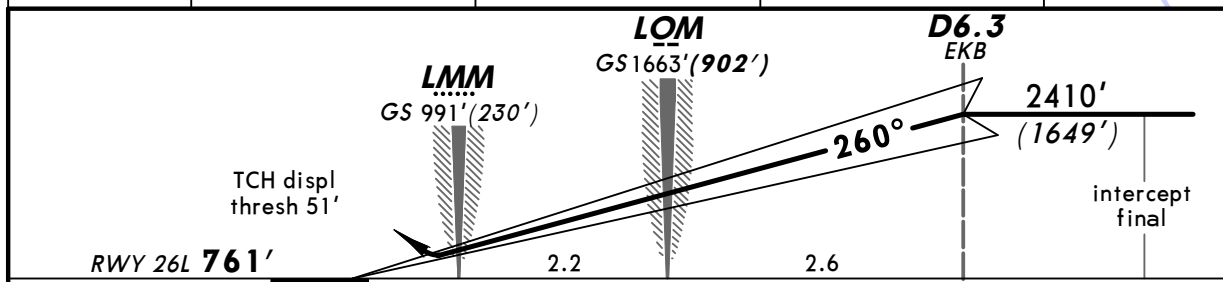
YEKATERINBURG, RUSSIA
ILS Rwy 26L

BRIEFING STRIP

ATIS 127.8	KOLTSOVO Approach 125.9 124.0	KOLTSOVO Radar 118.7 124.0	KOLTSOVO Tower 120.0 124.0	Ground 119.0
LOC IED *109.5	Final Apch Crs 260°	GS LOM 1663'(902')	ILS DA(H) 961'(200')	Apt Elev 766' RWY 761'
MISSED APCH: Climb on 260° to 1750' (989'), then turn LEFT onto 080° climbing to 2730' (1969'), then according to chart.				MSA EKB VOR
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50 ①
				Trans alt: 3720' (2959')



ALT/HEIGHT CONVERSION	QNH	(QFE)
3720'	(2959' - 900m)	
2730'	(1969' - 600m)	
2410'	(1649' - 500m)	
1750'	(989' - 300m)	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1750' (989') on 260°	080° LT	2730' (1969')
GS	2.83°	356	457	508	610	711	813			

STRAIGHT-IN LANDING RWY 26L					
ILS		LOC (GS out)			
DA(H) 961'(200')					
FULL	ALS out				
A					
B					
C	800m	1200m	NOT AUTHORIZED		
D					

PANS OPS

USSS/SVX
KOLTSOVO



4 NOV 11

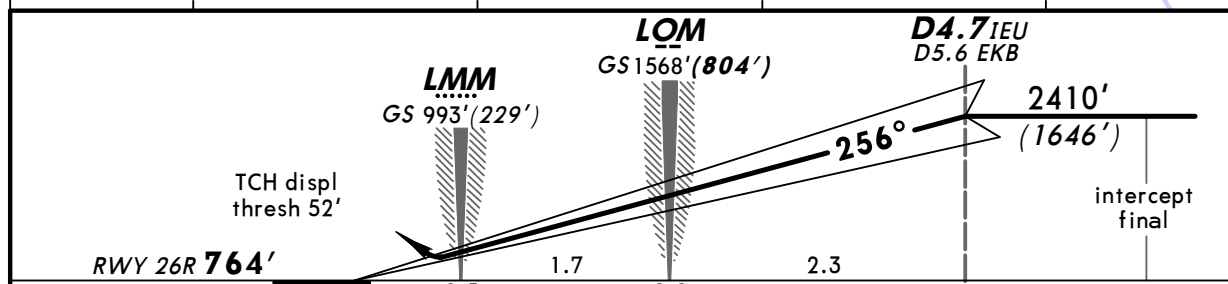
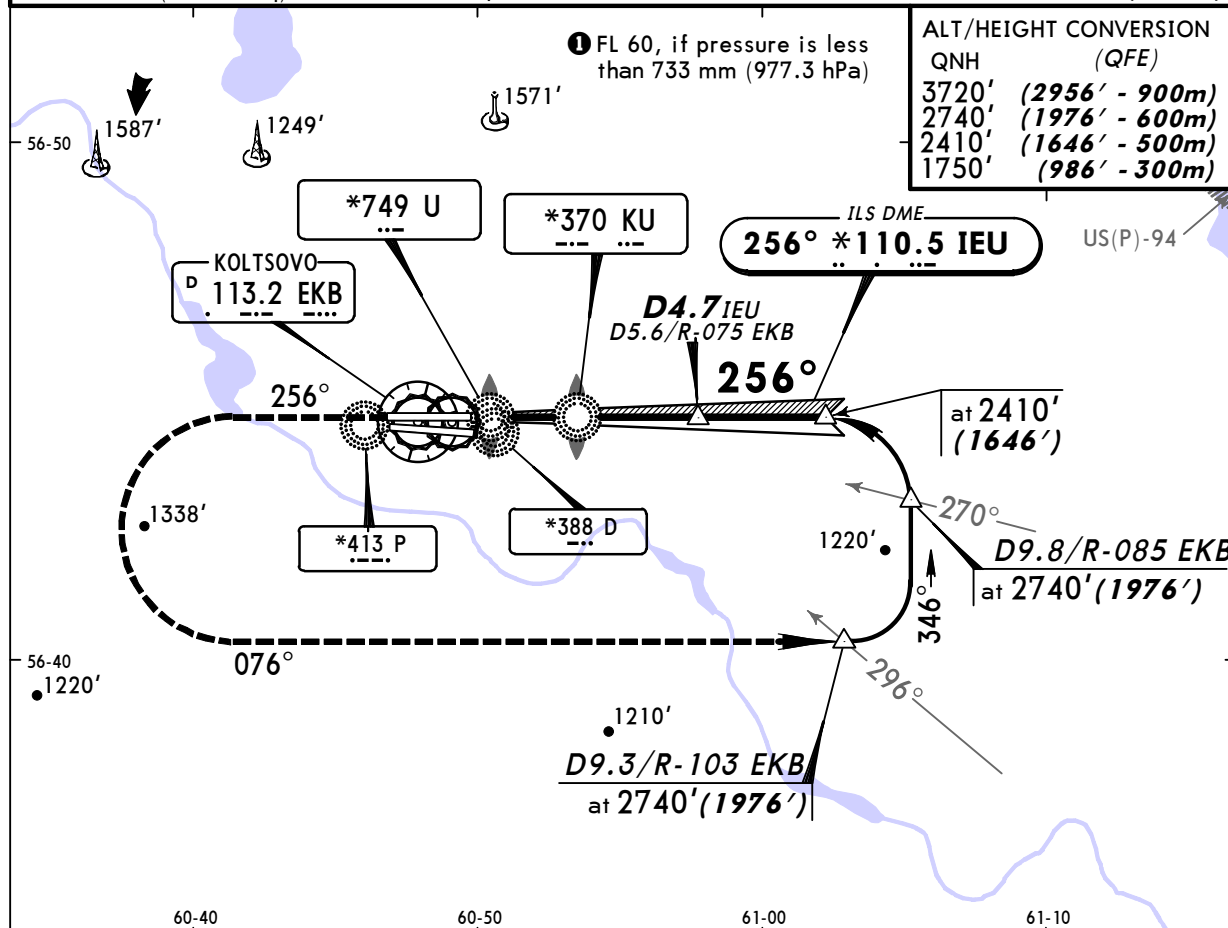
11-4

Eff 17 Nov

YEKATERINBURG, RUSSIA
ILS DME Rwy 26R

BRIEFING STRIP

ATIS 127.8	KOLTSOVO Approach 125.9 124.0	KOLTSOVO Radar 118.7 124.0	KOLTSOVO Tower 120.0 124.0	Ground 119.0
LOC IEU *110.5	Final Apch Crs 256°	GS LOM 1568' (804')	ILS DA(H) 964' (200')	Apt Elev 766' RWY 764'
MISSED APCH: Climb on 256° to 1750' (986'), then turn LEFT onto 076° climbing to 2740' (1976'), then according to chart.				MSA EKB VOR
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50
				Trans alt: 3720' (2956')



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1750' (986') on 256°	076° LT	2740' (1976')
GS	3.17°	398	511	568	682	796	909			

STRAIGHT-IN LANDING RWY 26R					
ILS		LOC (GS out)			
DA(H) 964' (200')					
FULL	ALS out				
A					
B					
C	800m	1200m	NOT AUTHORIZED		
D					

PANS OPS

USSS/SVX
KOLTSOVO

JEPPESEN
4 NOV 11
Eff 17 Nov (12-1)

YEKATERINBURG, RUSSIA
RNAV (GNSS) Rwy 26L

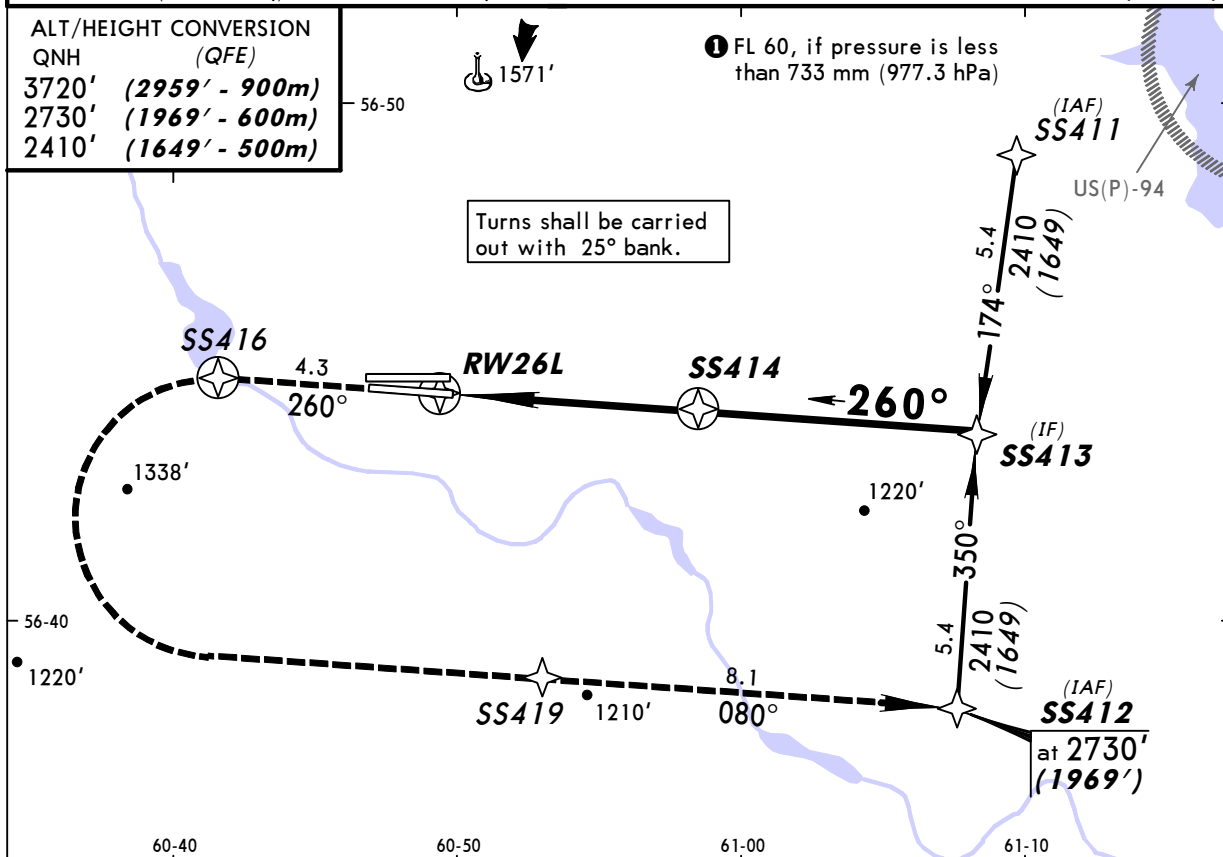
BRIEFING STRIP

ATIS		KOLTSOVO Approach		KOLTSOVO Radar		KOLTSOVO Tower		Ground	
127.8		125.9 124.0		118.7 124.0		120.0 124.0		119.0	
RNAV		Final Apch Crs 260°		Minimum Alt SS414 2410'(1649')		MDA(H) 1260'(499')		Apt Elev 766' RWY 761'	
MISSED APCH: Climb STRAIGHT AHEAD on track 260° to SS416, then turn LEFT climbing to 2730' (1969'), then proceed via SS419 to SS412, then according to chart or as directed.								 MSA ARP	

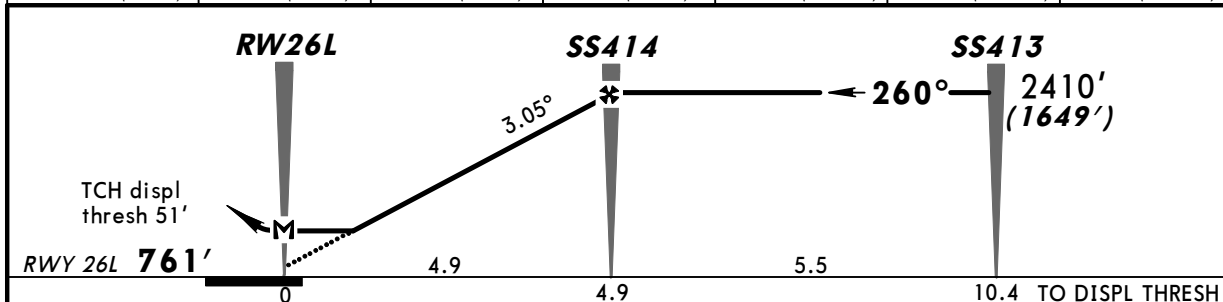
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 ① Trans alt: 3720' (2959')

ALT/HEIGHT CONVERSION
QNH (QFE)

3720' (2959' - 900m)
2730' (1969' - 600m)
2410' (1649' - 500m)



DIST to RW26L	1.6	2.2	2.7	3.2	3.8	4.3
ALTITUDE (HAT)	1340' (579')	1500' (739')	1670' (909')	1850' (1089')	2010' (1249')	2190' (1429')



Gnd speed-Kts	70	90	100	120	140	160
Descent angle	3.05°	378	486	540	648	755
MAP at RW26L						

STRAIGHT-IN LANDING RWY 26L	
MDA(H) 1260' (499')	
ALS out	

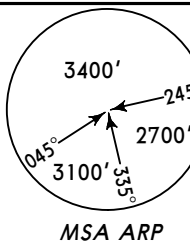
A	800m	1600m
B	1200m	2000m
C	1600m	2400m
D		

USSS/SVX
KOLTSOVO

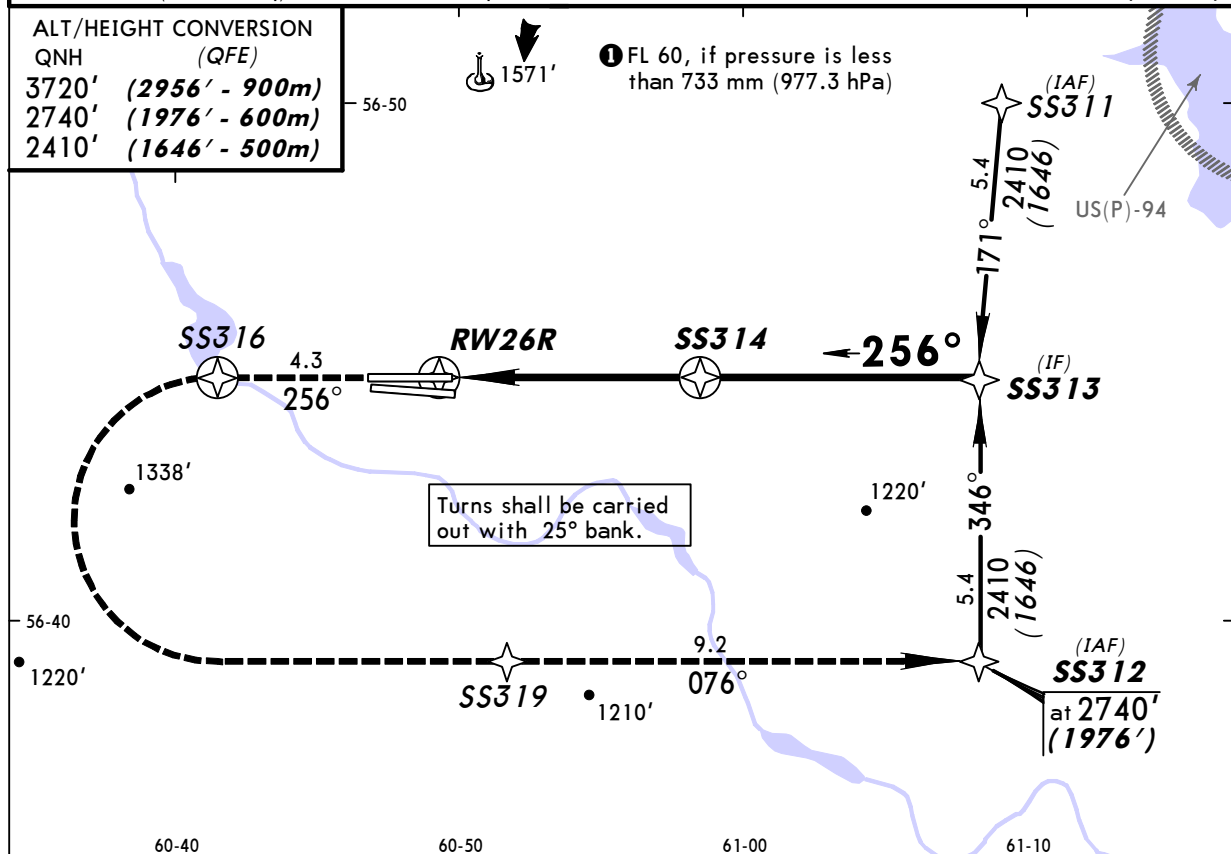
JEPPESEN
4 NOV 11
Eff 17 Nov (12-2)

YEKATERINBURG, RUSSIA
RNAV (GNSS) Rwy 26R

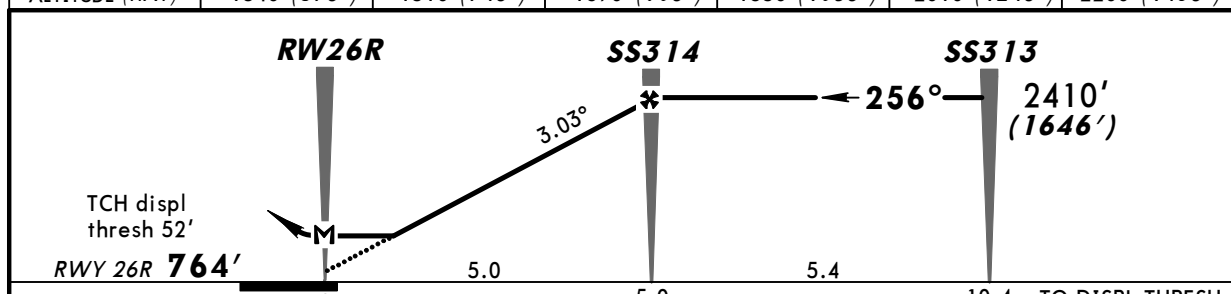
BRIEFING STRIP

ATIS		KOLTSOVO Approach		KOLTSOVO Radar		KOLTSOVO Tower		Ground	
127.8		125.9 124.0		118.7 124.0		120.0 124.0		119.0	
RNAV		Final Apch Crs 256°		Minimum Alt SS314 2410' (1646')		MDA(H) 1260' (496')		Apt Elev 766' RWY 764'	
MISSED APCH: Climb STRAIGHT AHEAD on track 256° to SS316, then turn LEFT climbing to 2740' (1976'), then proceed via SS319 to SS312, then according to chart or as directed.									
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50 ①		Trans alt: 3720' (2956')			

ALT/HEIGHT CONVERSION	
QNH	(QFE)
3720' (2956' - 900m)	
2740' (1976' - 600m)	
2410' (1646' - 500m)	



DIST to RW26R	1.6	2.2	2.7	3.2	3.8	4.3
ALTITUDE (HAT)	1340' (576')	1510' (746')	1670' (906')	1850' (1086')	2010' (1246')	2200' (1436')



Gnd speed-Kts	70	90	100	120	140	160
Descent angle	3.03°	375	482	536	643	750
MAP at RW26R						

STRAIGHT-IN LANDING RWY 26R	
MDA(H) 1260' (496')	
ALS out	
A	800m
B	1600m
C	1200m
D	2400m

PANS OPS

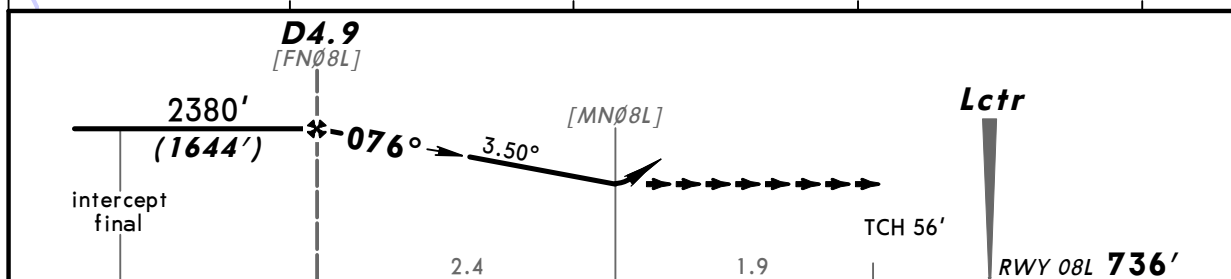
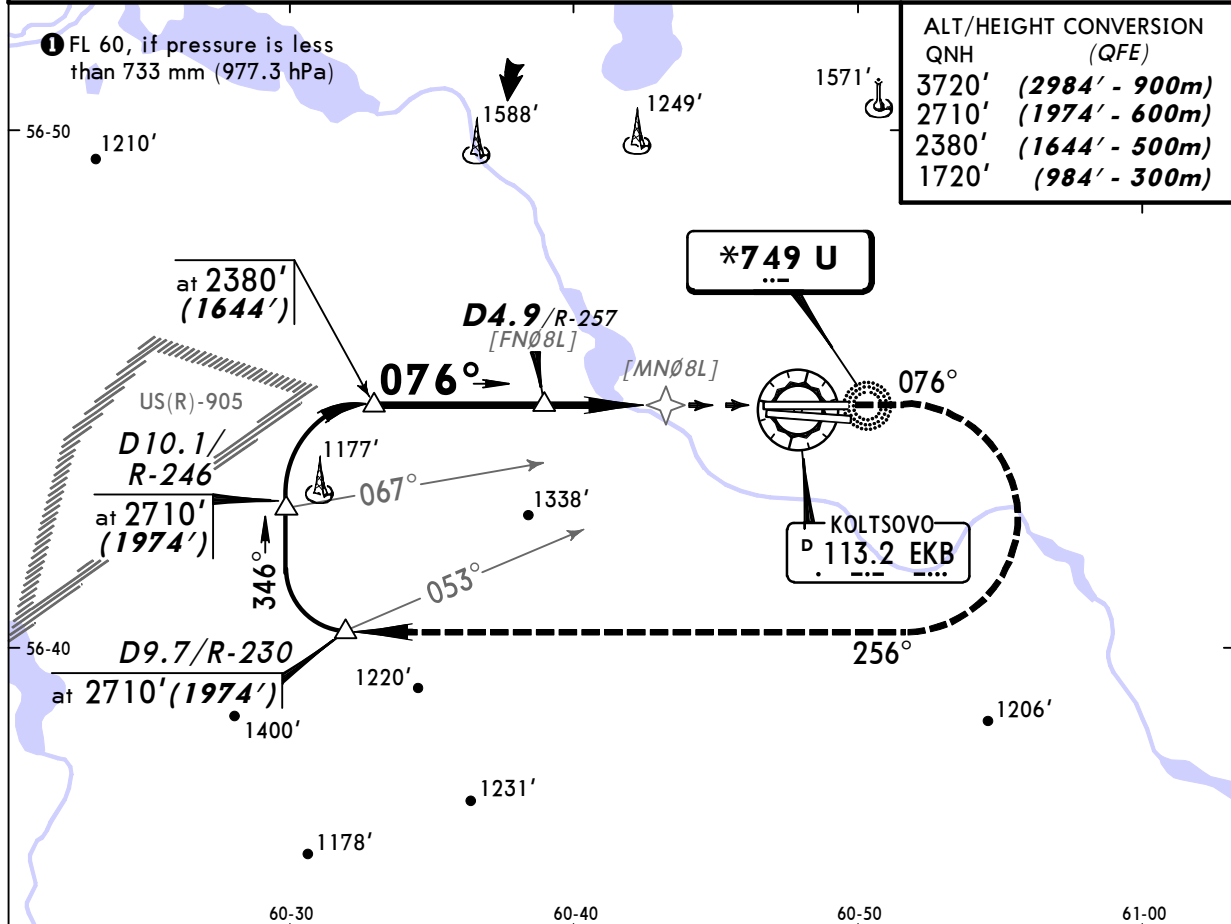
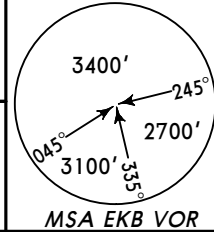
USSS/SVX
KOLTSOVO

JEPPESEN
7 DEC 12 **16-1** Eff 13 Dec

YEKATERINBURG, RUSSIA
NDB Rwy 08L

BRIEFING STRIP

ATIS 127.8	KOLTSOVO Approach 125.9 124.0	KOLTSOVO Radar 118.7 124.0	KOLTSOVO Tower 120.0 124.0	Ground 119.0
Lctr U *749	Final Apch Crs 076°	Minimum Alt D4.9 2380'(1644')	MDA(H) (CONDITIONAL) 1470'(734')	Apt Elev 766' RWY 736'
MISSED APCH: Climb on 076° to 1720'(984'), then turn RIGHT onto 256° climbing to 2710'(1974'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 ① Trans alt: 3720' (2984')				



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1720' (984') on	076°	256°	2710' (1974')
Descent Angle 3.50°	434	557	619	743	867	991	PAPI	↑	RT	↑	

STRAIGHT-IN LANDING RWY 08L							
with FAF		w/o FAF					
MDA(H) 1470'(734')		MDA(H) 1830'(1094')					
	ALS out		ALS out				
A							
B							
C	3200m	3200m	3200m	4000m	4800m		
D		3600m	4400m				

PANS OPS

CHANGES: Minimums.

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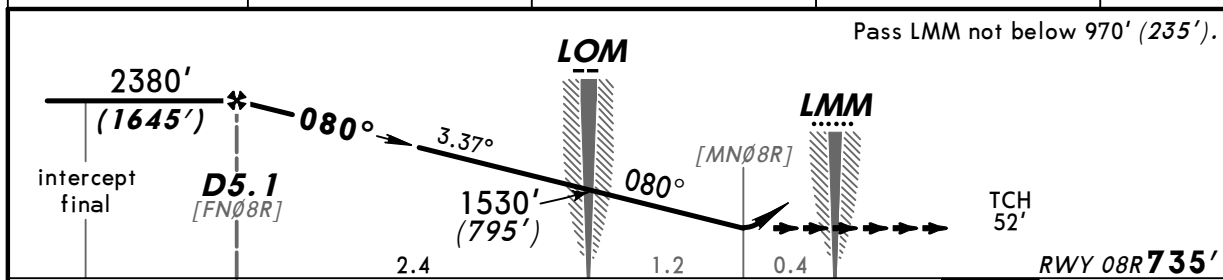
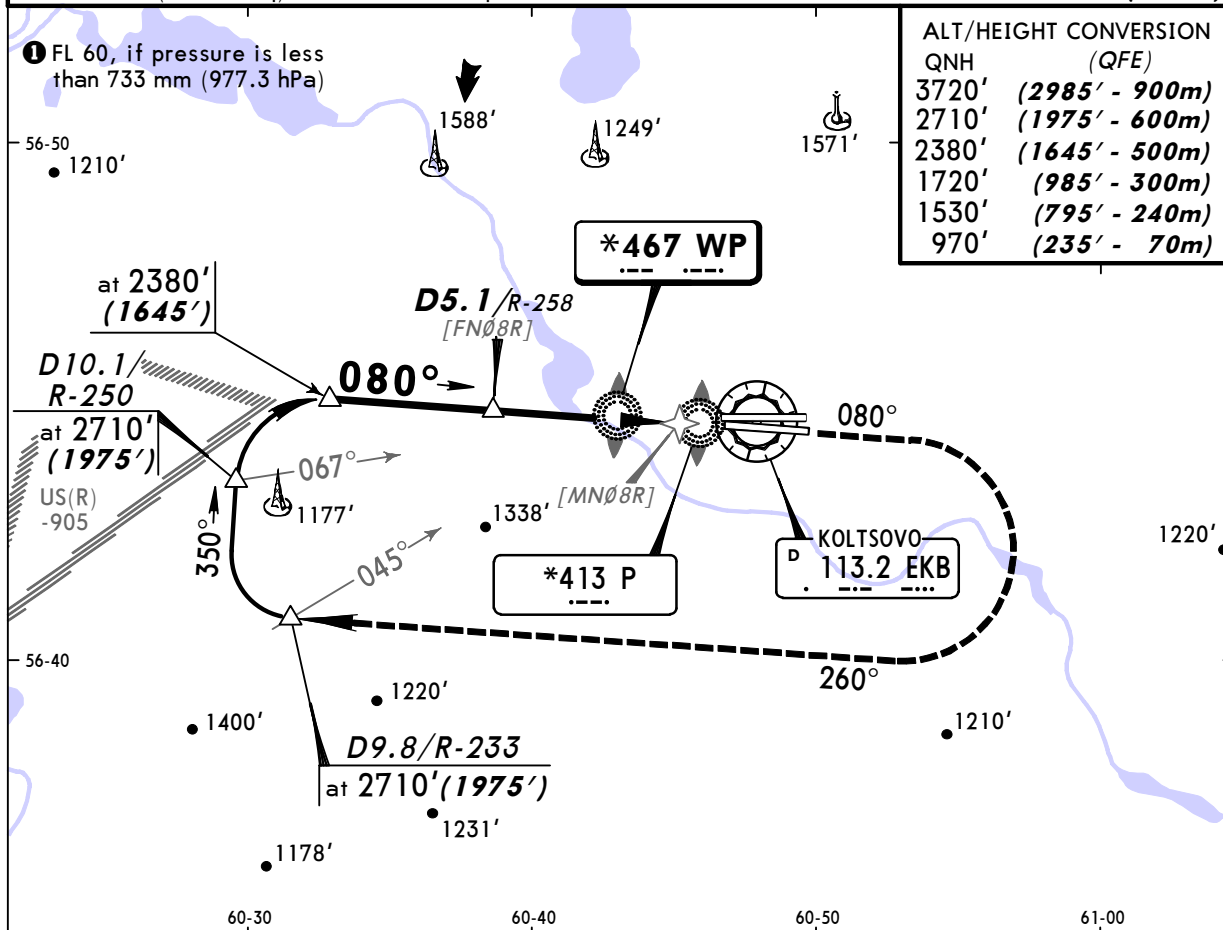
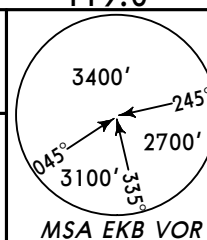
USSS/SVX
KOLTSOVO

JEPPESEN
7 DEC 12 (16-2) Eff 13 Dec

YEKATERINBURG, RUSSIA
2 NDB Rwy 08R

BRIEFING STRIP

ATIS 127.8	KOLTSOVO Approach 125.9 124.0	KOLTSOVO Radar 118.7 124.0	KOLTSOVO Tower 120.0 124.0	Ground 119.0
NDB WP *467	Final Apch Crs 080°	Minimum Alt D5.1 2380'(1645')	MDA(H) (CONDITIONAL) 1070'(335')	Apt Elev 766' RWY 735'
MISSED APCH: Climb on 080° to 1720' (985'), then turn RIGHT onto 260° climbing to 2710' (1975'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 ① Trans alt: 3720' (2985')				



1720' (985')	on 080°	260°	2710' (1975')
↑		RT	↑

STRAIGHT-IN LANDING RWY 08R			
with FAF		w/o FAF	
MDA(H) 1070'(335')		MDA(H) 1710'(975')	
	ALS out		ALS out
A	1200m	1200m	2000m
B		1600m	2400m
C		4000m	4800m
D	1600m	4400m	

PANS OPS

USSS/SVX
KOLTSOVO



4 NOV 11

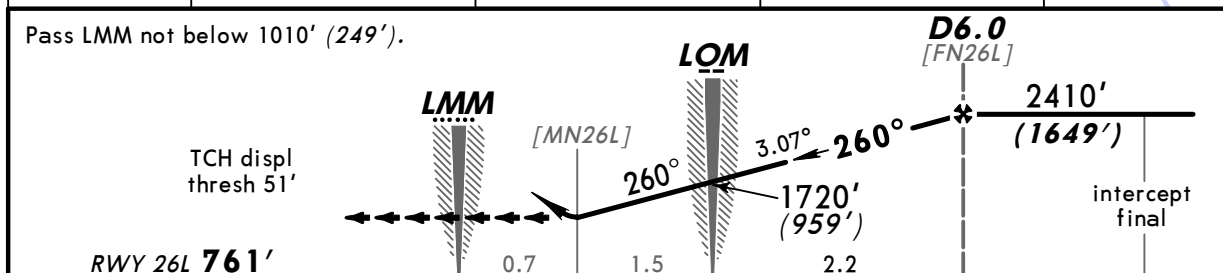
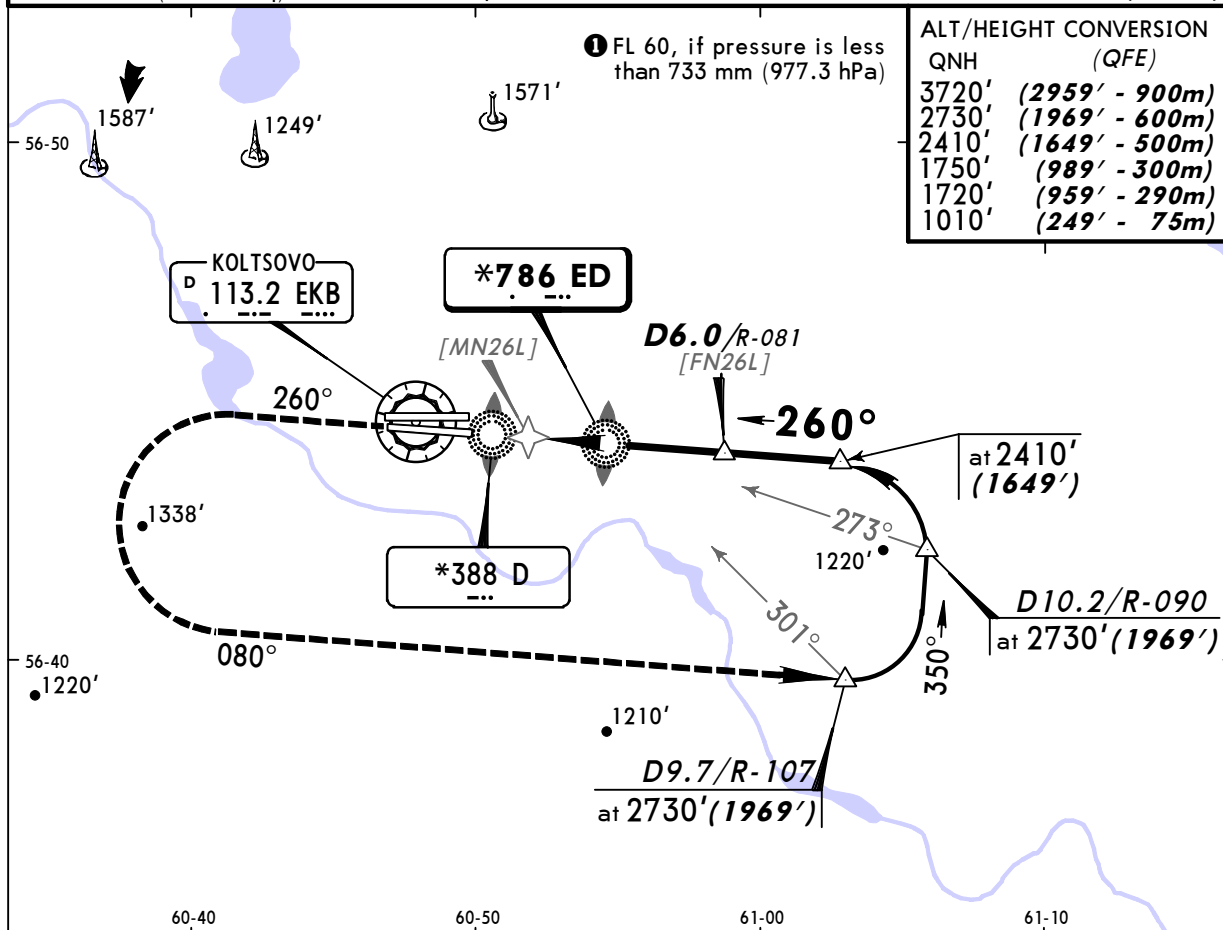
16-3

Eff 17 Nov

YEKATERINBURG, RUSSIA
2 NDB Rwy 26L

BRIEFING STRIP

ATIS 127.8	KOLTSOVO Approach 125.9 124.0	KOLTSOVO Radar 118.7 124.0	KOLTSOVO Tower 120.0 124.0	Ground 119.0
NDB ED *786	Final Apch Crs 260°	Minimum Alt D6.0 2410' (1649')	MDA(H) 1240' (479')	Apt Elev 766' RWY 761'
MISSED APCH: Climb on 260° to 1750' (989'), then turn LEFT onto 080° climbing to 2730' (1969'), then according to chart.				MSA EKB VOR
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50 ①
				Trans alt: 3720' (2959')



RWY 26L 761'		0.6	0.7	1.5	2.2	TO DISPLACED THRESHOLD
Gnd speed-Kts	70	90	100	120	140	160
Descent angle	3.07°	380	489	543	652	869

STRAIGHT-IN LANDING RWY 26L			
MDA(H) 1240' (479')		ALS out	
A			
B	1600m		
C		2400m	
D	2000m		

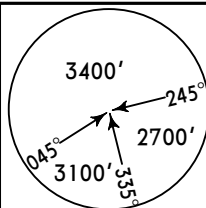
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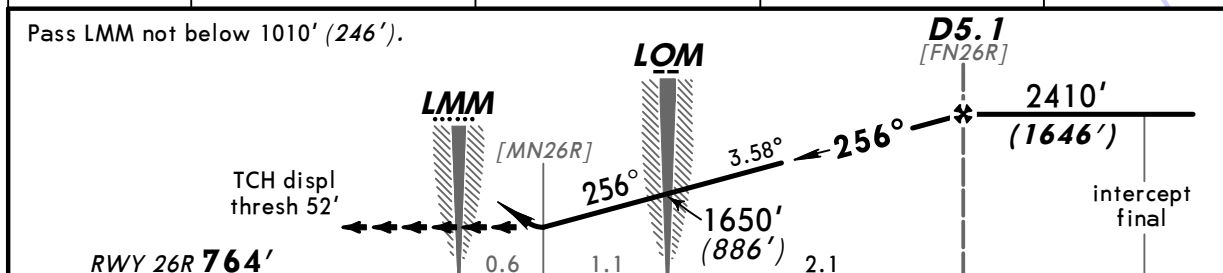
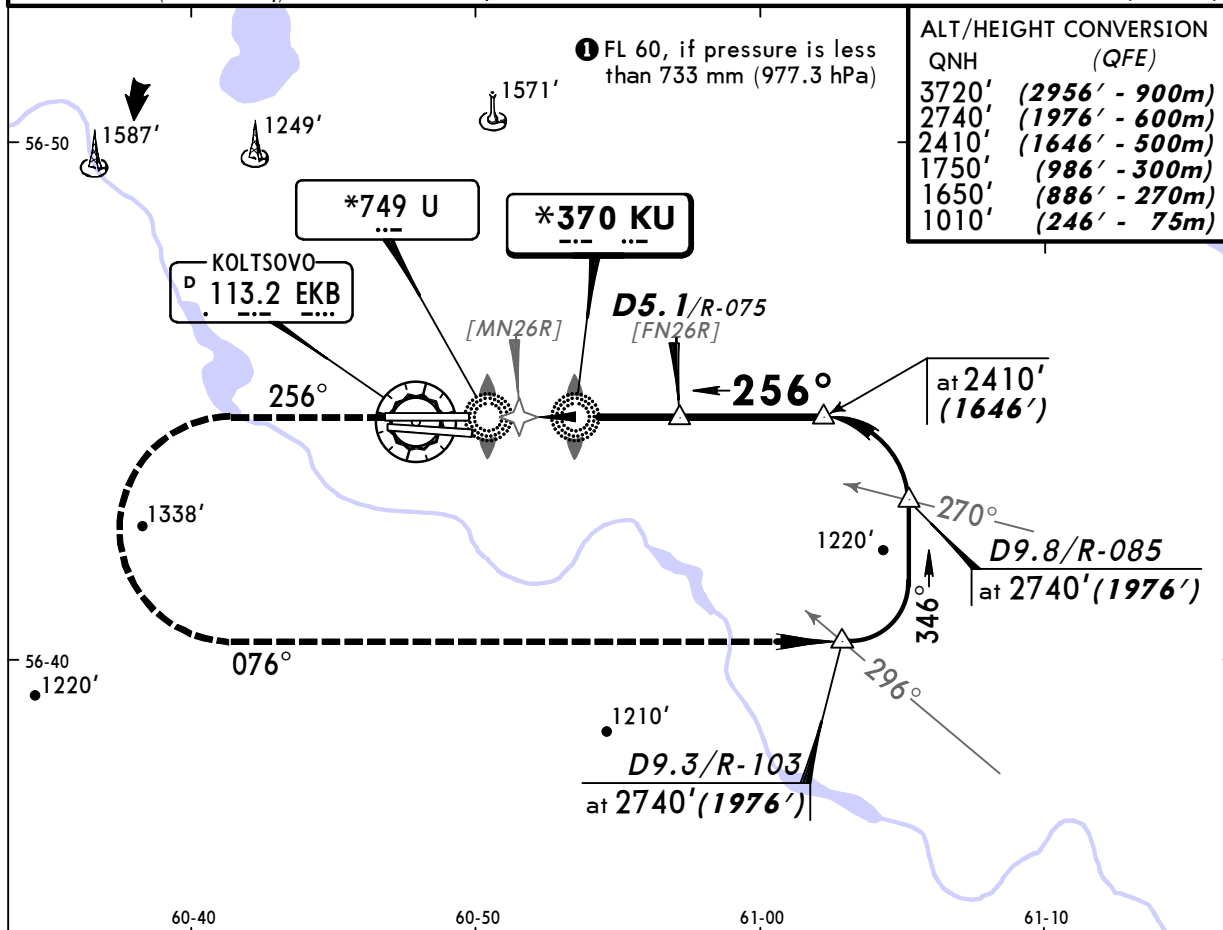
USSS/SVX
KOLTSOVO

JEPPesen
04 NOV 11 (16-4) Eff 17 NOV

YEKATERINBURG, RUSSIA
2 NDB Rwy 26R

BRIEFING STRIP

ATIS 127.8		KOLTSOVO Approach 125.9 124.0		KOLTSOVO Radar 118.7 124.0		KOLTSOVO Tower 120.0 124.0		Ground 119.0	
NDB KU *370		Final Apch Crs 256°		Minimum Alt D5.1 2410'(1646')		MDA(H) 1220'(456')		Apt Elev 766' RWY 764'	
MISSED APCH: Climb on 256° to 1750' (986'), then turn LEFT onto 076° climbing to 2740' (1976'), then according to chart.									
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 ① Trans alt: 3720' (2956')									MSA EKB VOR



Gnd speed-Kts		70	90	100	120	140	160	TO DISPLACED THRESHOLD	
Descent angle		3.58°	444	570	634	760	887	1014	

STRAIGHT-IN LANDING RWY 26R		MDA(H) 1220' (456')		ALS out	
A					
B	1300m		2100m		
C					
D	2000m		2400m		

PANS OPS