

List of pages in this Trip Kit

Trip Kit Index

Airport Information For USSS

Terminal Charts For USSS

Revision Letter For Cycle 15-2013

Change Notices

Notebook

General Information

Location: Yekaterinburg Rus
IATA Code: SVX
Lat/Long: N56° 44.6' E060° 48.2'
Elevation: 766 ft

Airport Use: Public
Magnetic Variation: 14.4°E

Fuel Types: Jet A-1
Customs: Yes
Airport Type: IFR
Landing Fee: No
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 2336 Z
Sunset: 1631 Z,

Runway Information

Runway: 08L
Length x Width: 9856 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 736 ft
Lighting: Edge, ALS

Runway: 08R
Length x Width: 9928 ft x 174 ft
Surface Type: concrete
TDZ-Elev: 735 ft
Lighting: Edge, ALS

Runway: 26L
Length x Width: 9928 ft x 174 ft
Surface Type: concrete
TDZ-Elev: 761 ft
Lighting: Edge, ALS
Displaced Threshold: 1066 ft

Runway: 26R
Length x Width: 9856 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 764 ft
Lighting: Edge, ALS
Displaced Threshold: 820 ft

Communication Information

ATIS 127.8
Koltsovo-Start Tower 124.0 Secondary
Koltsovo-Start 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

3400'

2700'

245°

3100'

045°

335'

MSA
ARP

ARTEMOVSKIY
195 AR
N57 20.2 E061 55.8
At or above
FL60

PISOG
N56 57.3 E061 12.0

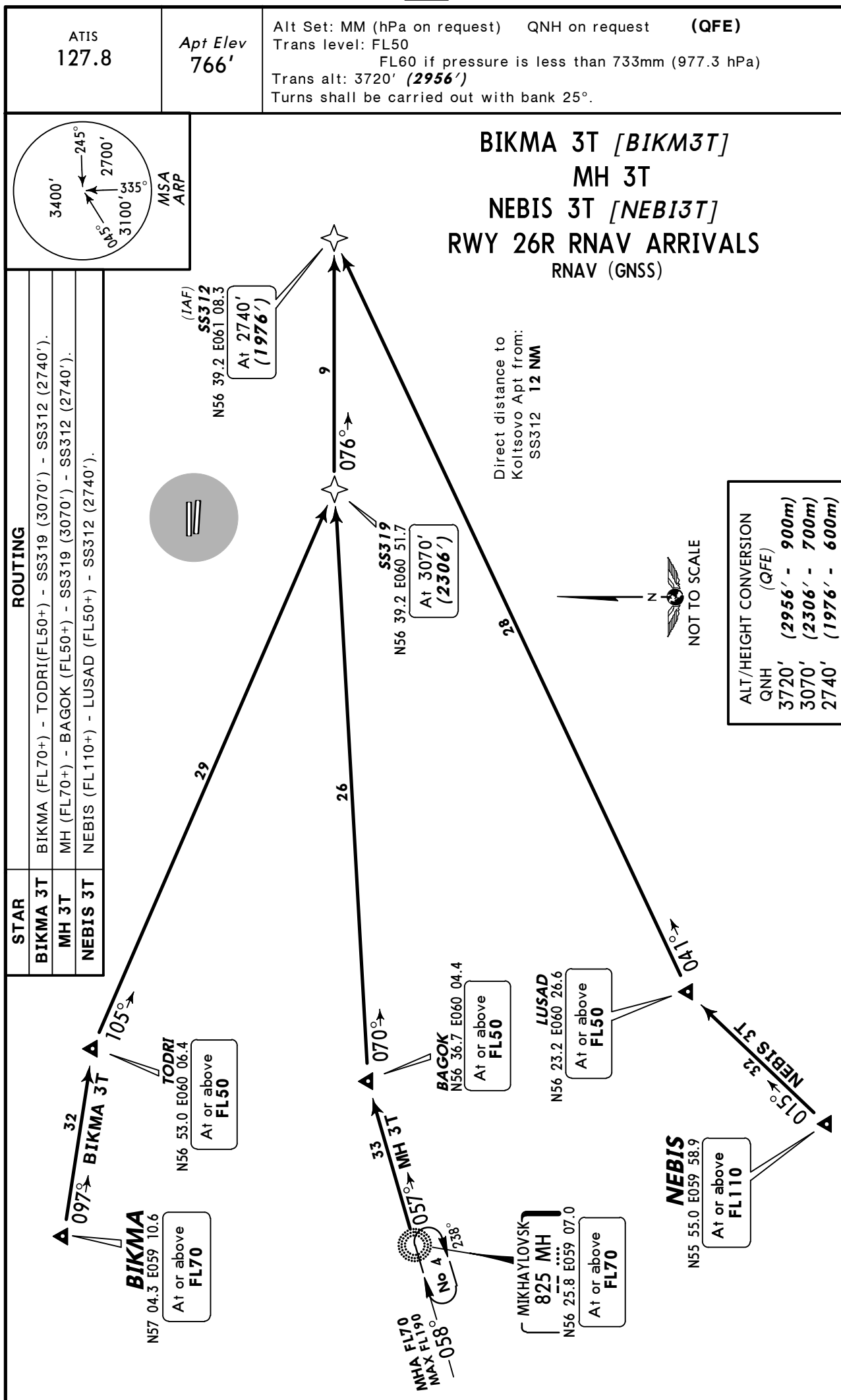
8
 $\leftarrow 178^\circ$



004⁰↗

At or above
FL90

At or above
FL60



ARTEMOVSKIY
195 AR
N57 20.2 E061 55.8
At or above
FL60

PISOG
N56 57.3 E061 12.0

(IAF)
SS411
N56 49.0 E061 09.7
At 2730'
(1969')

(IAF)
SS412
N56 38.3 E061 07.6
At 2730'
(1969')

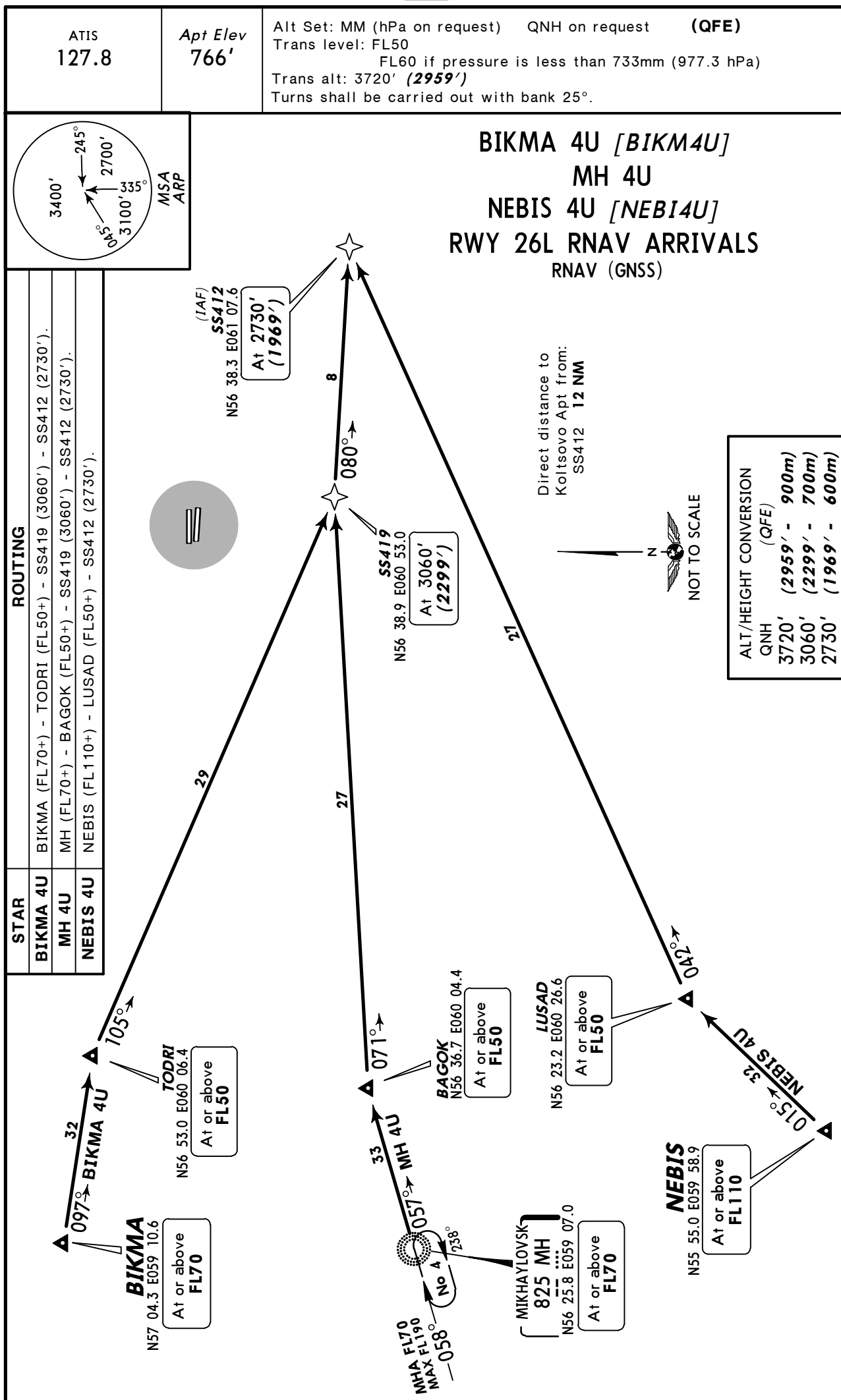
ALUMA
N56 23.2 E060 58.9

At or above
FL60

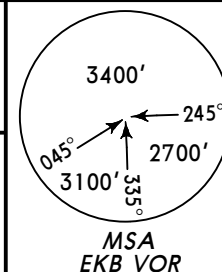
DISIR
N56 09.7 E061 51.5
At or above
FL90

TAKRA
N55 54.4 E061 13.4
At or above
FL60

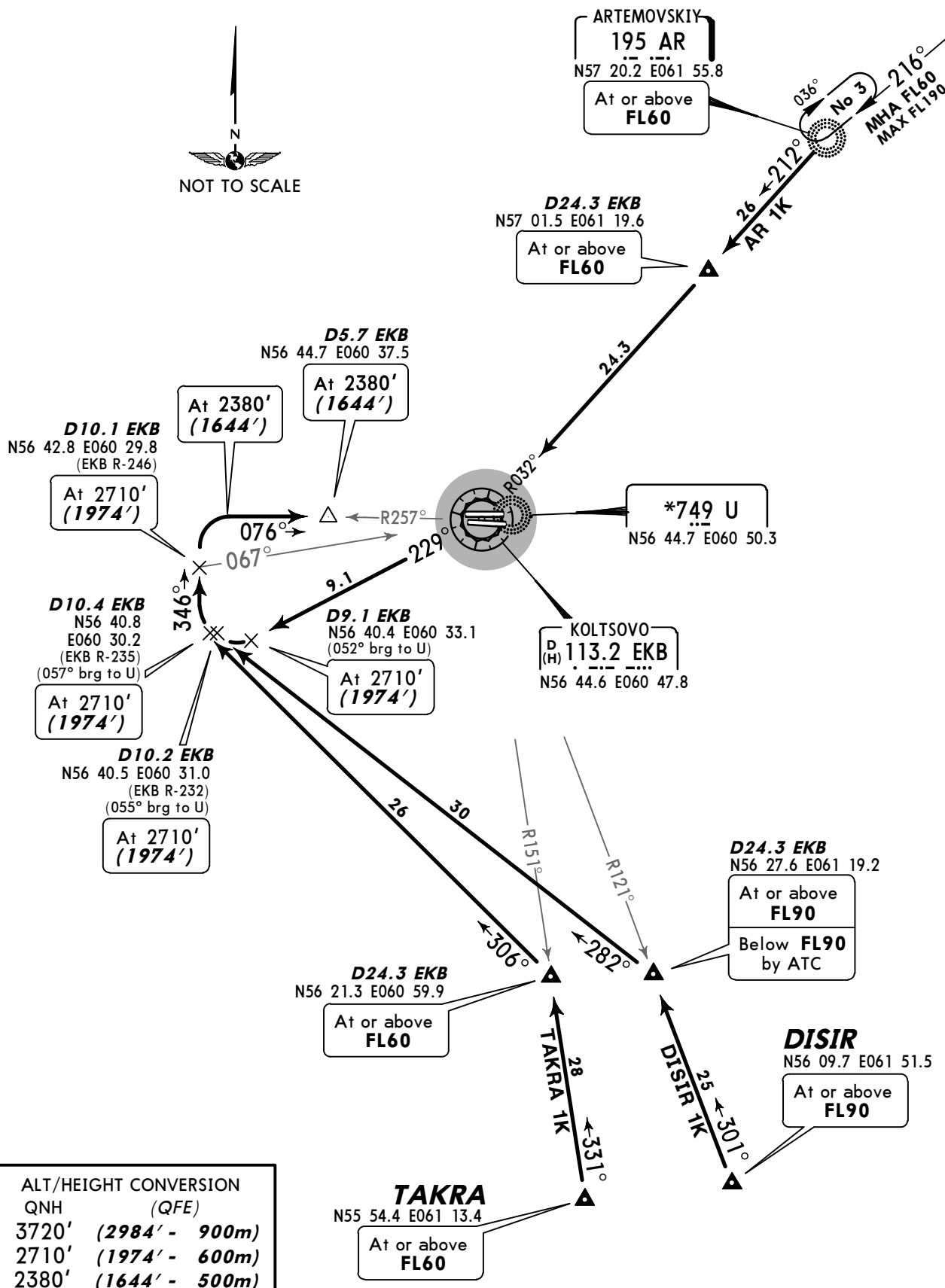
STAR	ROUTING
AR 4U	AR (FL60+) - PISOG - SS411 (2730').
DISIR 4U	DISIR (FL90+) - ALUMA (FL60+) - SS412 (2730').
TAKRA 4U	TAKRA (FL60+) - ALUMA (FL60+) - SS412 (2730').

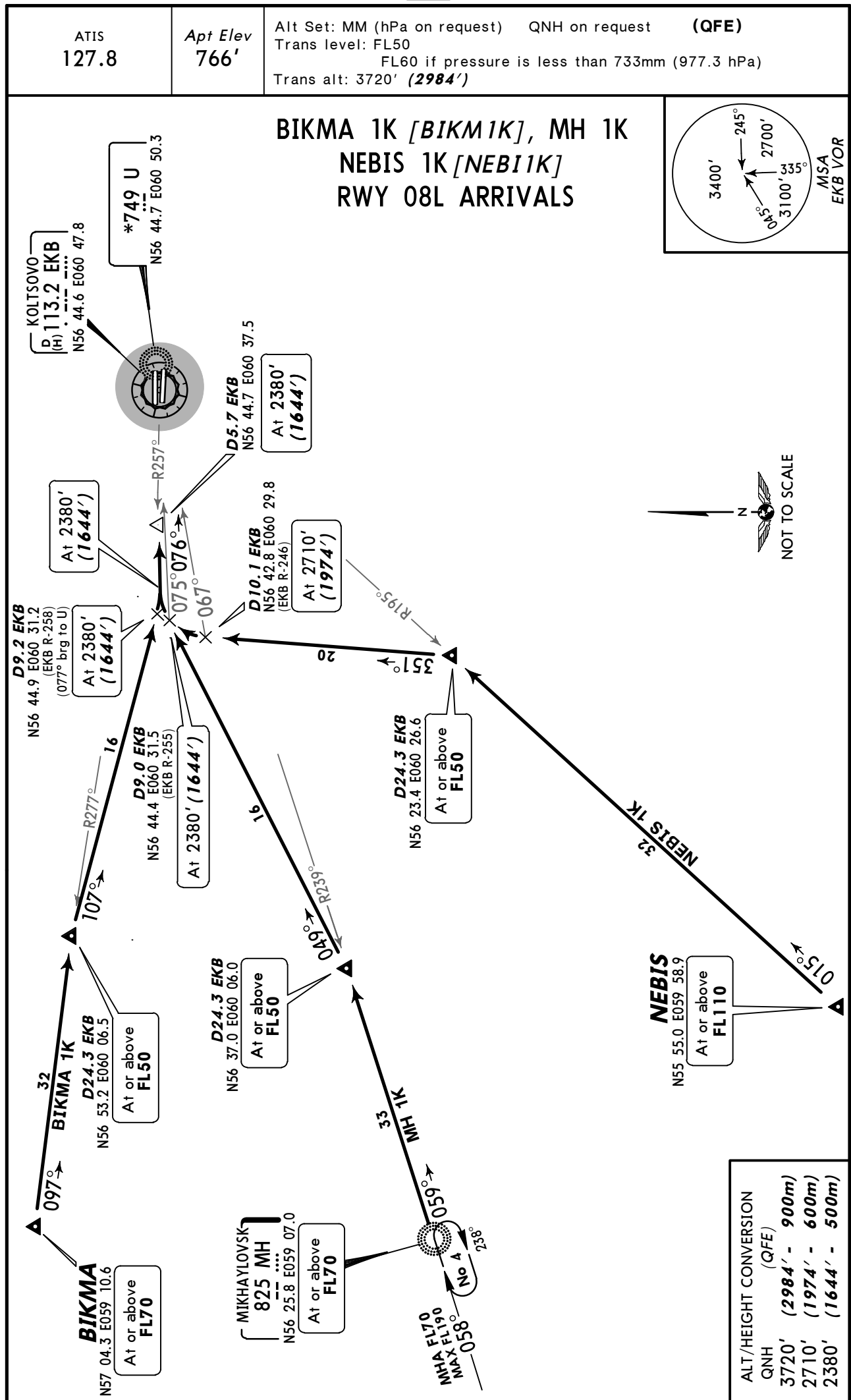


ATIS 127.8	Apt Elev 766'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 733mm (977.3 hPa) Trans alt: 3720' (2984')
---------------	------------------	---

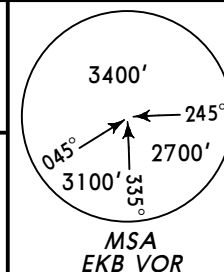


AR 1K, DISIR 1K [DISI1K]
TAKRA 1K [TAKR1K]
RWY 08L ARRIVALS

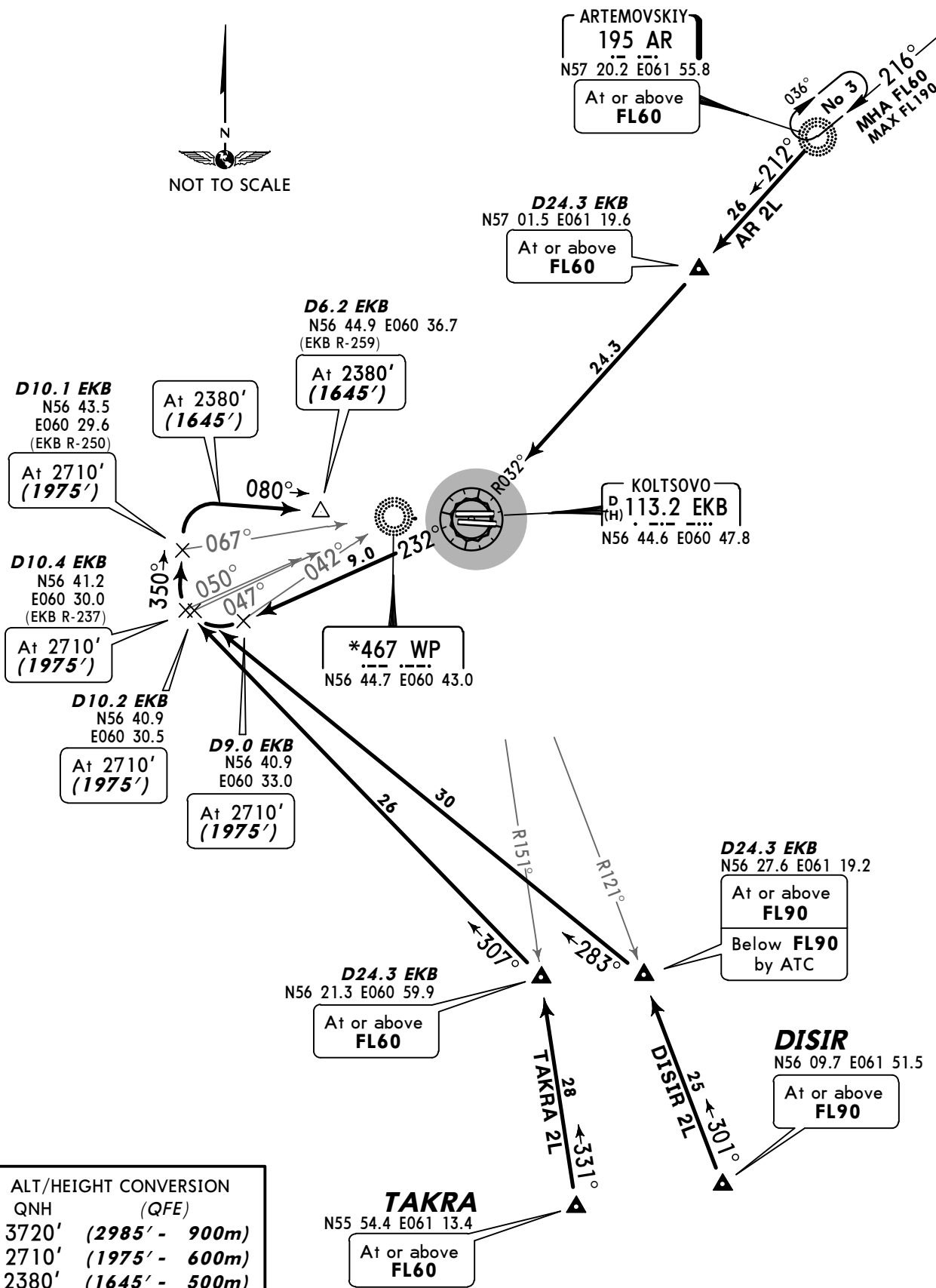




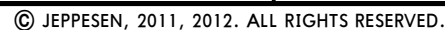
ATIS 127.8	Apt Elev 766'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 733mm (977.3 hPa) Trans alt: 3720' (2985')
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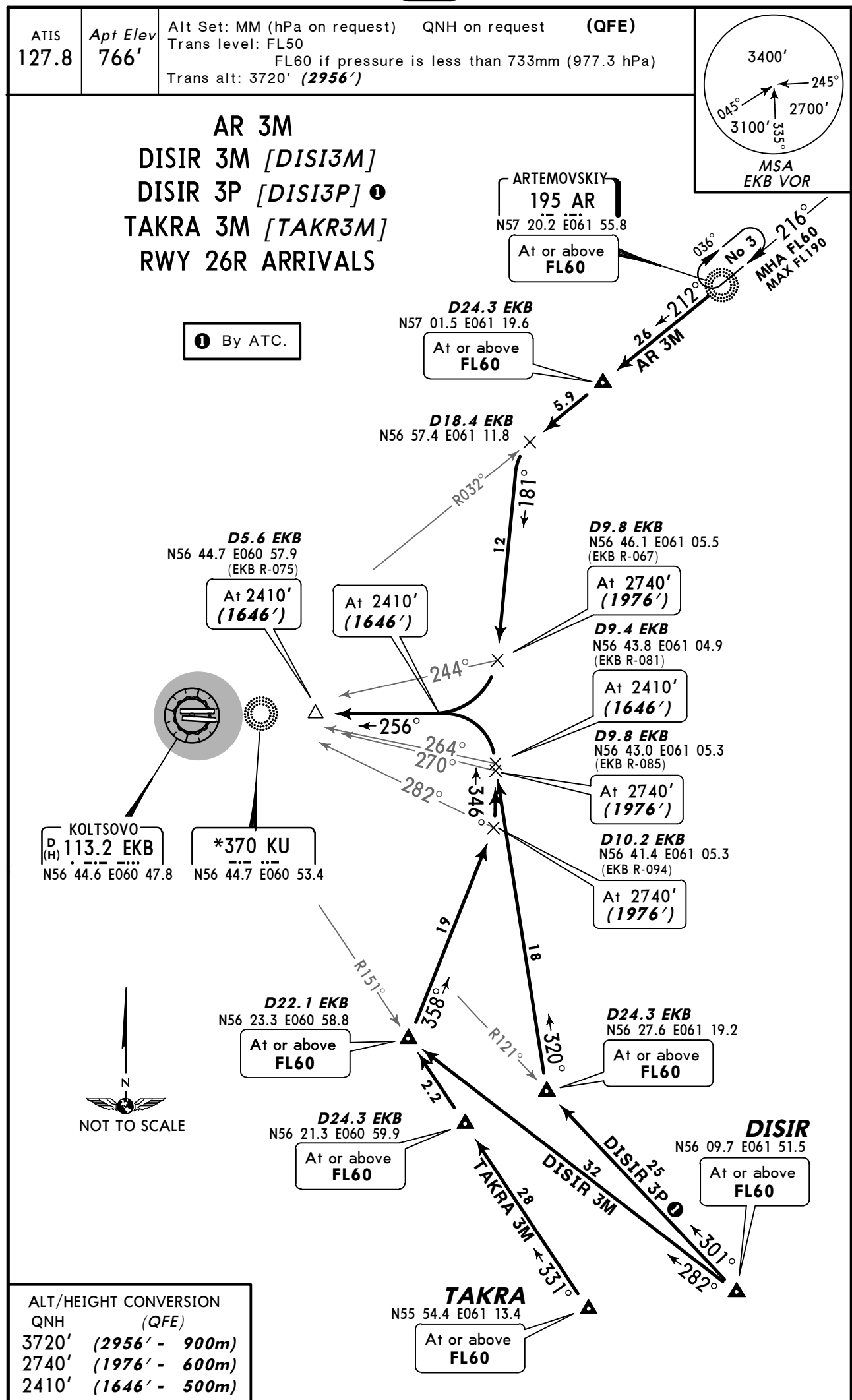


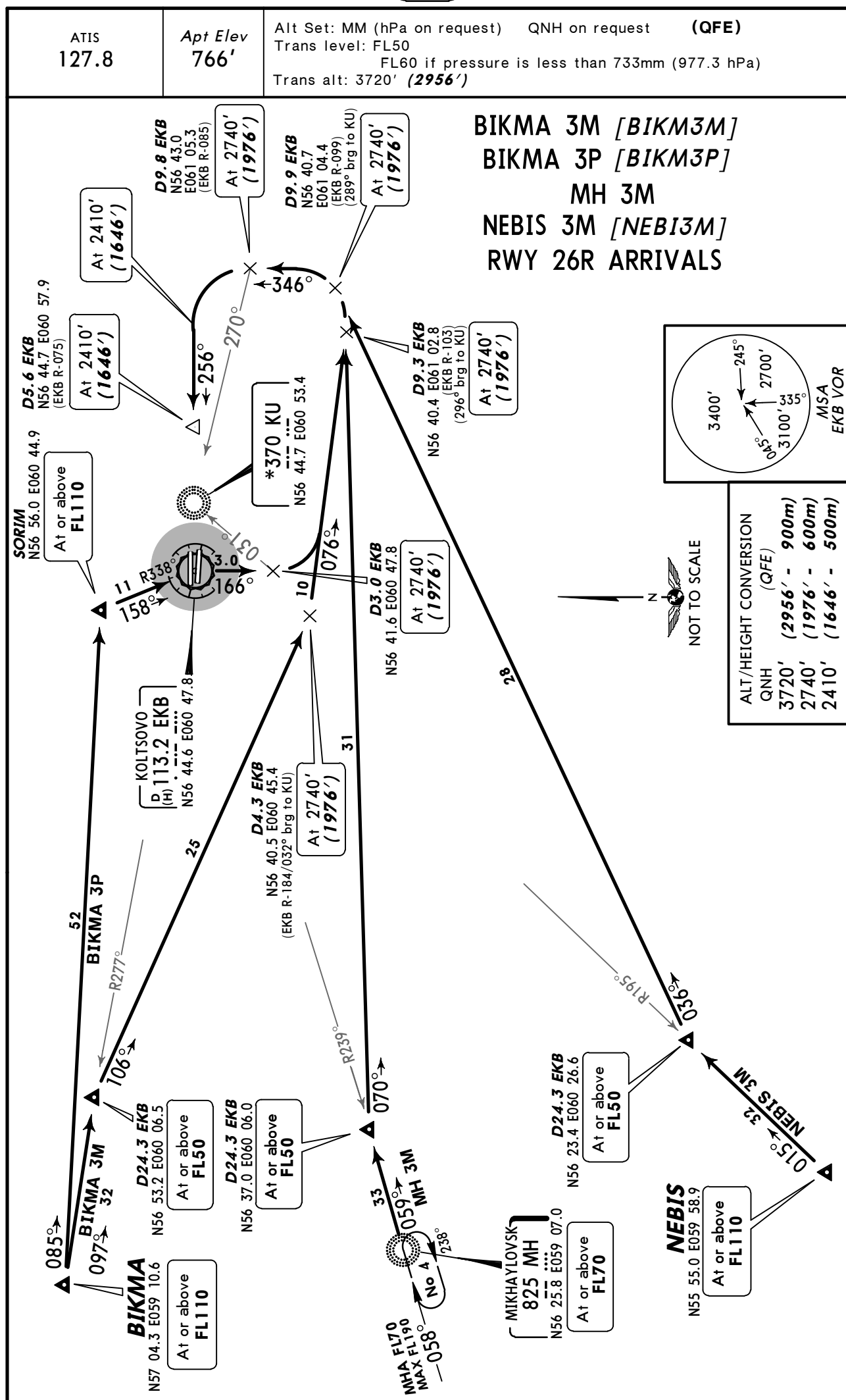
AR 2L, DISIR 2L [DISI2L] TAKRA 2L [TAKR2L] RWY 08R ARRIVALS



ALT/HEIGHT CONVERSION	QNH	(QFE)
3720'	(2985' - 900m)	
2710'	(1975' - 600m)	
2380'	(1645' - 500m)	



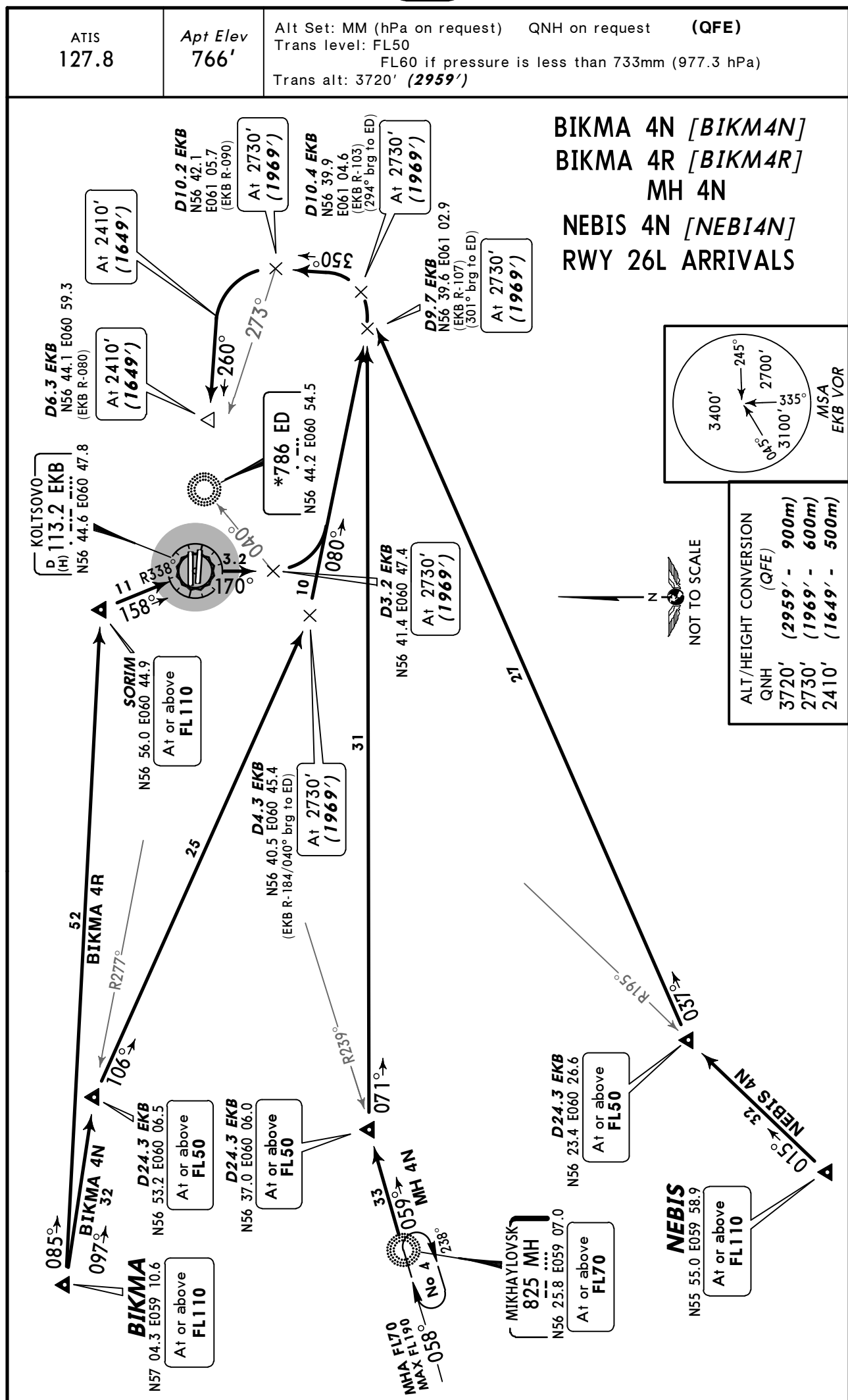




MSA
EKB VOR

DISIR
N56 09.7 E061 51.5
At or above
FL60

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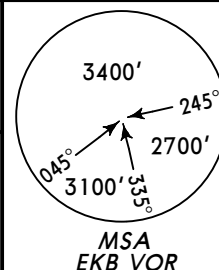
Apt Elev
766'

QNH on request (QFE)

Trans level: FL50

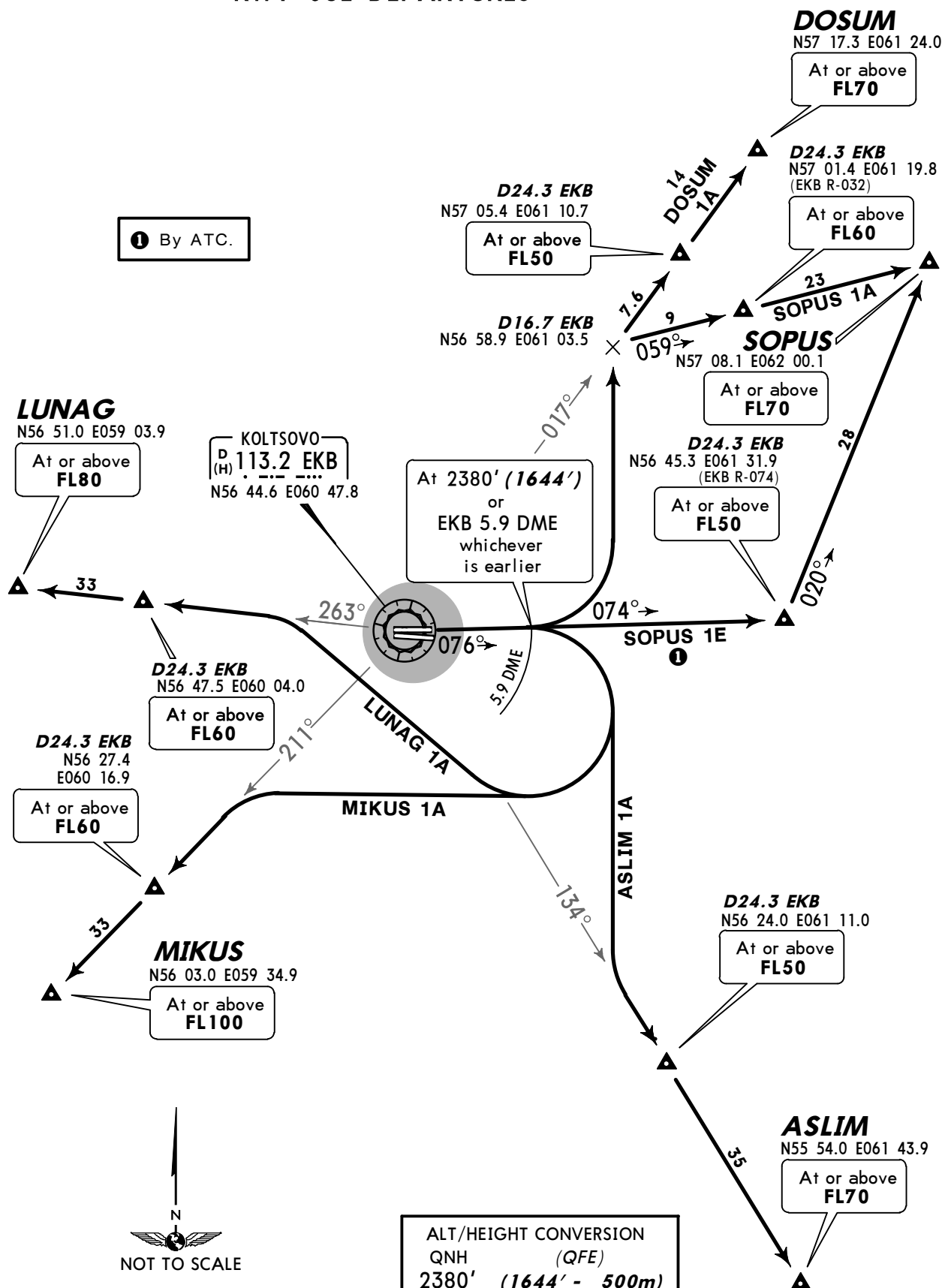
FL60 if pressure is less than 733mm (977.3 hPa)

Trans alt: 3720' (2984')



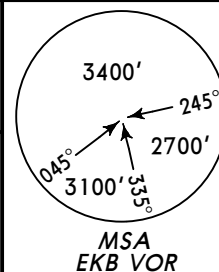
ASLIM 1A [ASLI1A], DOSUM 1A [DOSU1A]
LUNAG 1A [LUNA1A], MIKUS 1A [MIKU1A]
SOPUS 1A [SOPU1A], SOPUS 1E [SOPU1E] ①
RWY 08L DEPARTURES

① By ATC.



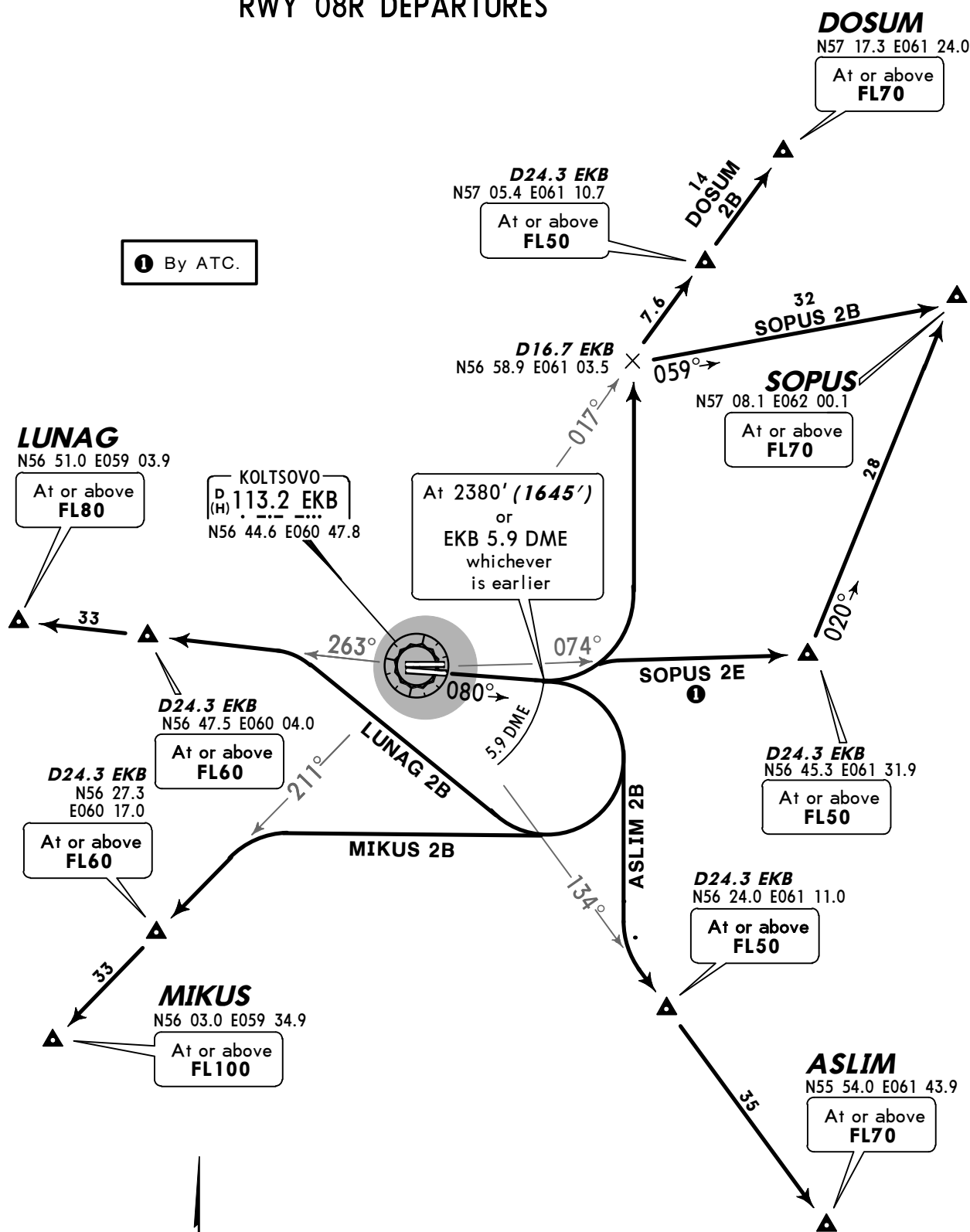
Apt Elev
766'

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



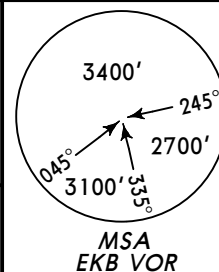
ASLIM 2B [ASLI2B], DOSUM 2B [DOSU2B]
LUNAG 2B [LUNA2B], MIKUS 2B [MIKU2B]
SOPUS 2B [SOPU2B], SOPUS 2E [SOPU2E] ①
RWY 08R DEPARTURES

① By ATC.



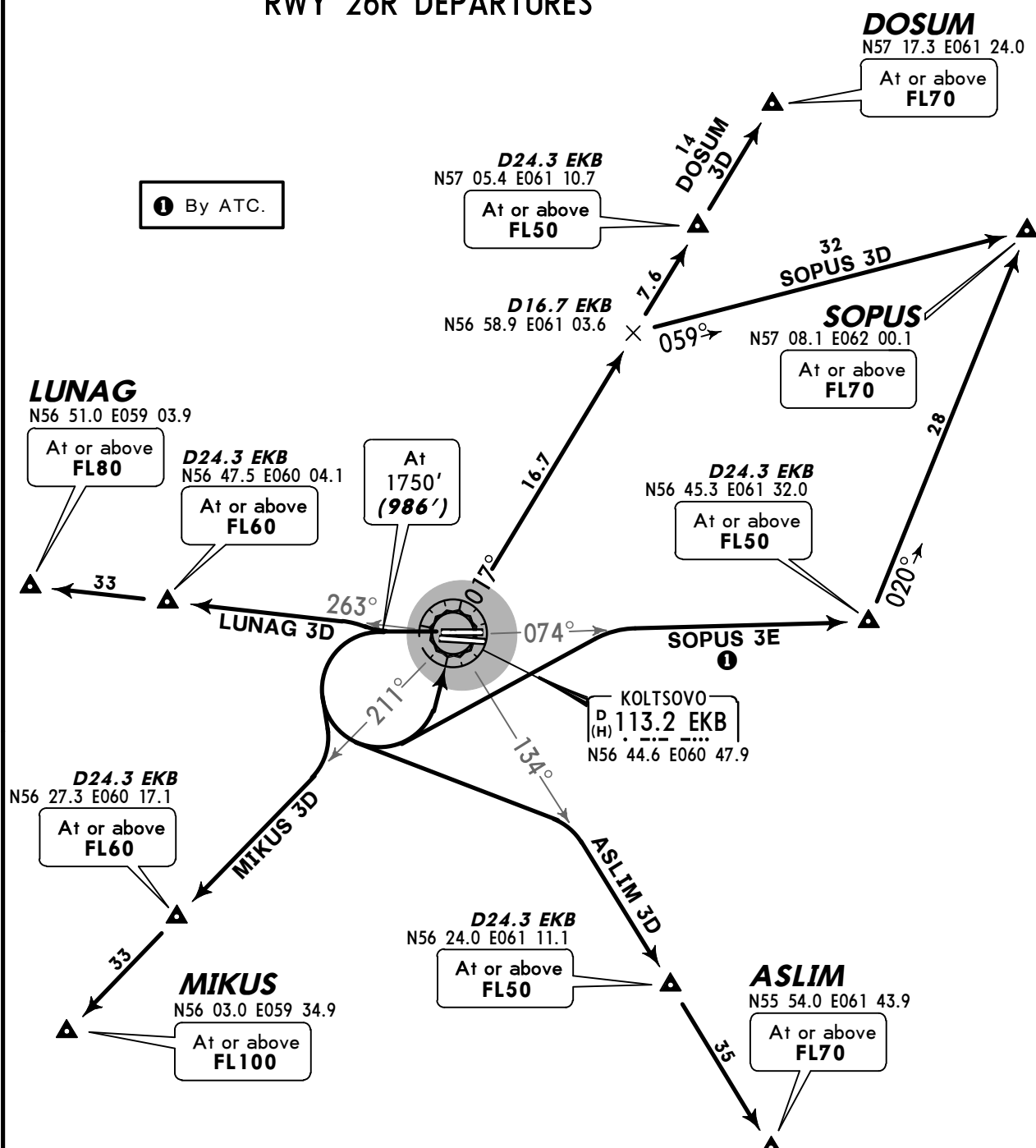
Apt Elev
766'

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.

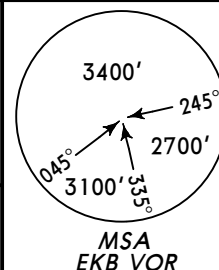


ALT/HEIGHT CONVERSION	
QNH	(QFE)
1750'	(986' - 300m)
3720'	(2956' - 900m)



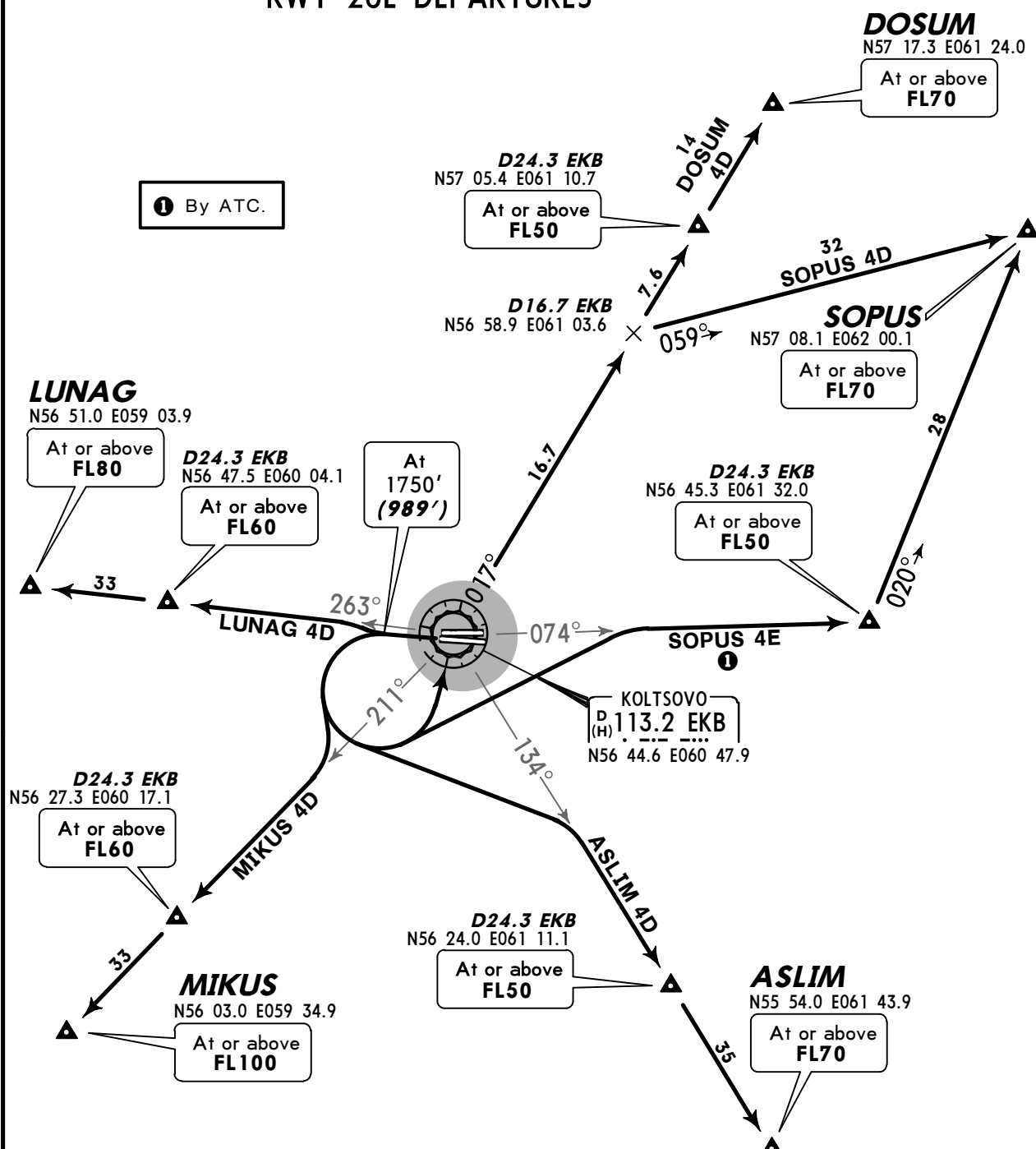
Apt Elev
766'

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.



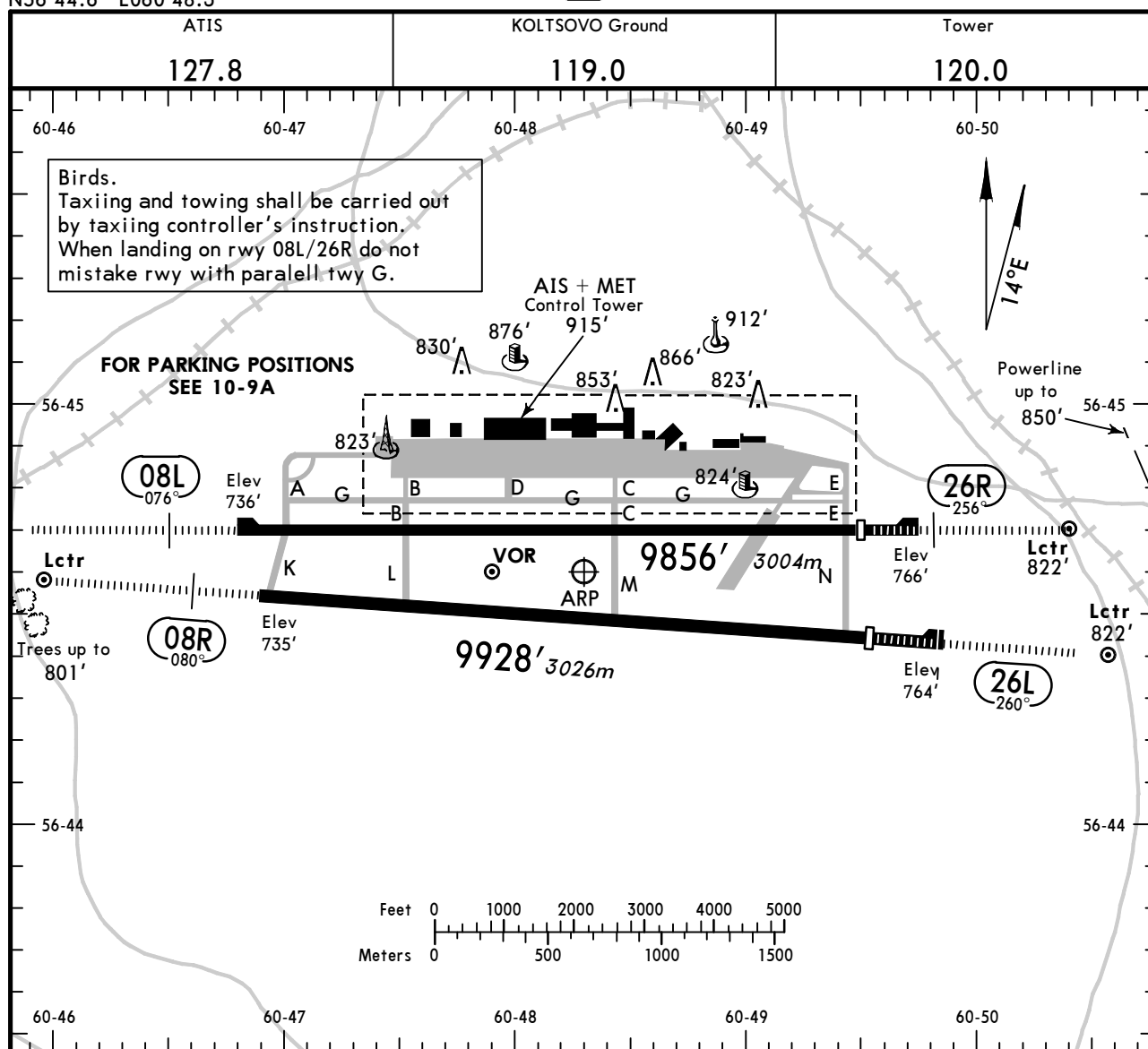
ASLIM 4D [ASLI4D] , DOSUM 4D [DOSU4D]
LUNAG 4D [LUNA4D] , MIKUS 4D [MIKU4D]
SOPUS 4D [SOPU4D] , SOPUS 4E [SOPU4E] ①
RWY 26L DEPARTURES

① By ATC.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1750'	(989' - 300m)
3720'	(2959' - 900m)





ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS		TAKE-OFF	WIDTH
				LANDING BEYOND			
				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	
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		

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 RL

RCLM (DAY only)
or RL

A

B

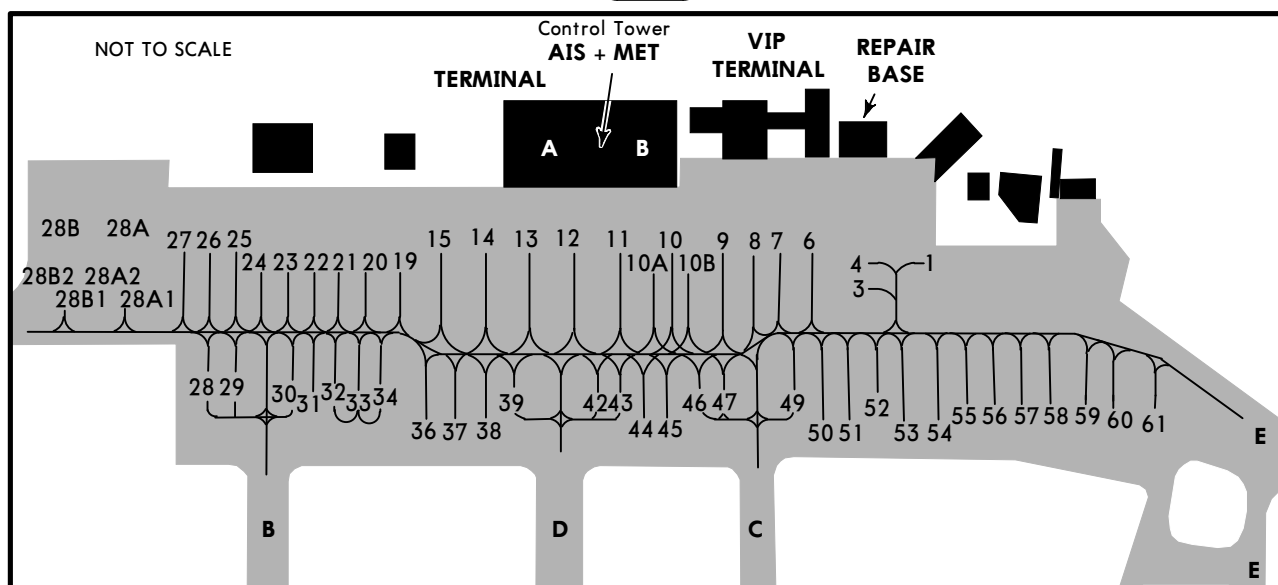
C

D

250m

300m

400m



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		

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

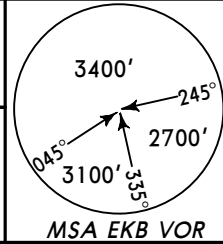
① Continuous Descent Final Approach

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		

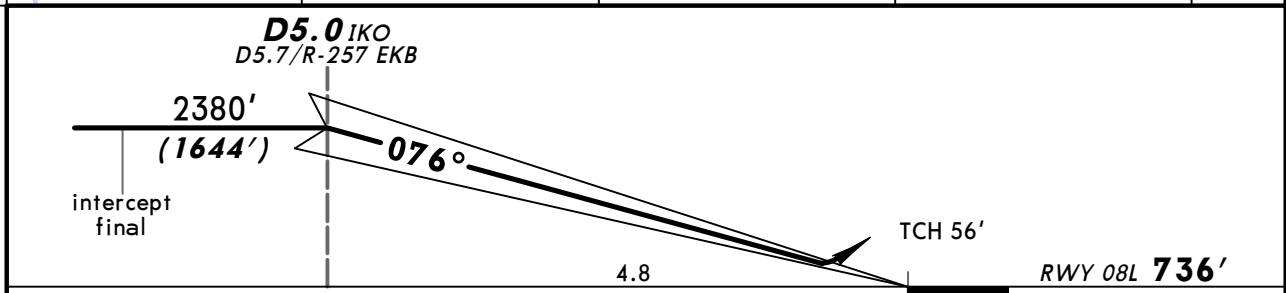
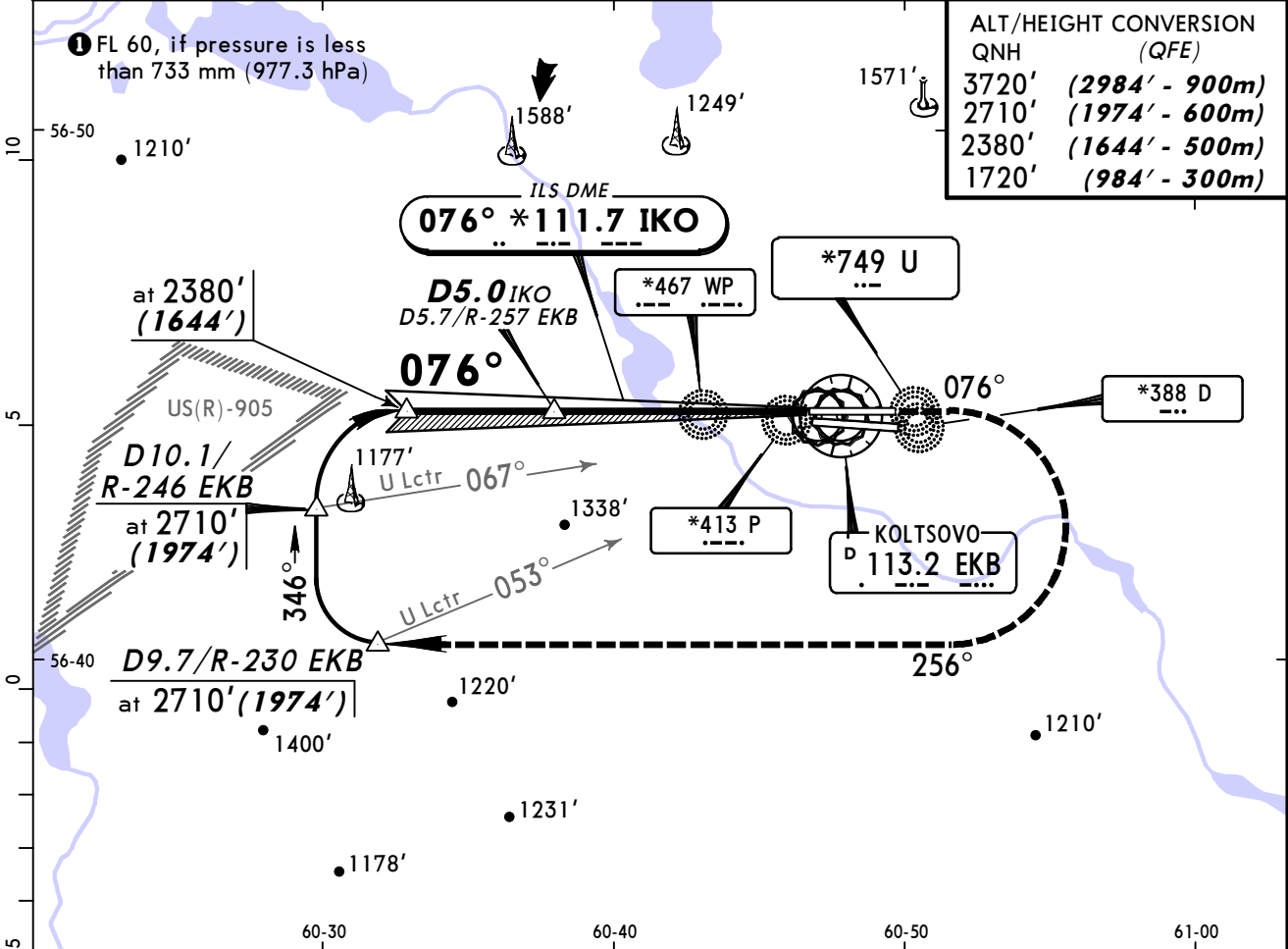
BRIEFING STRIP™

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)

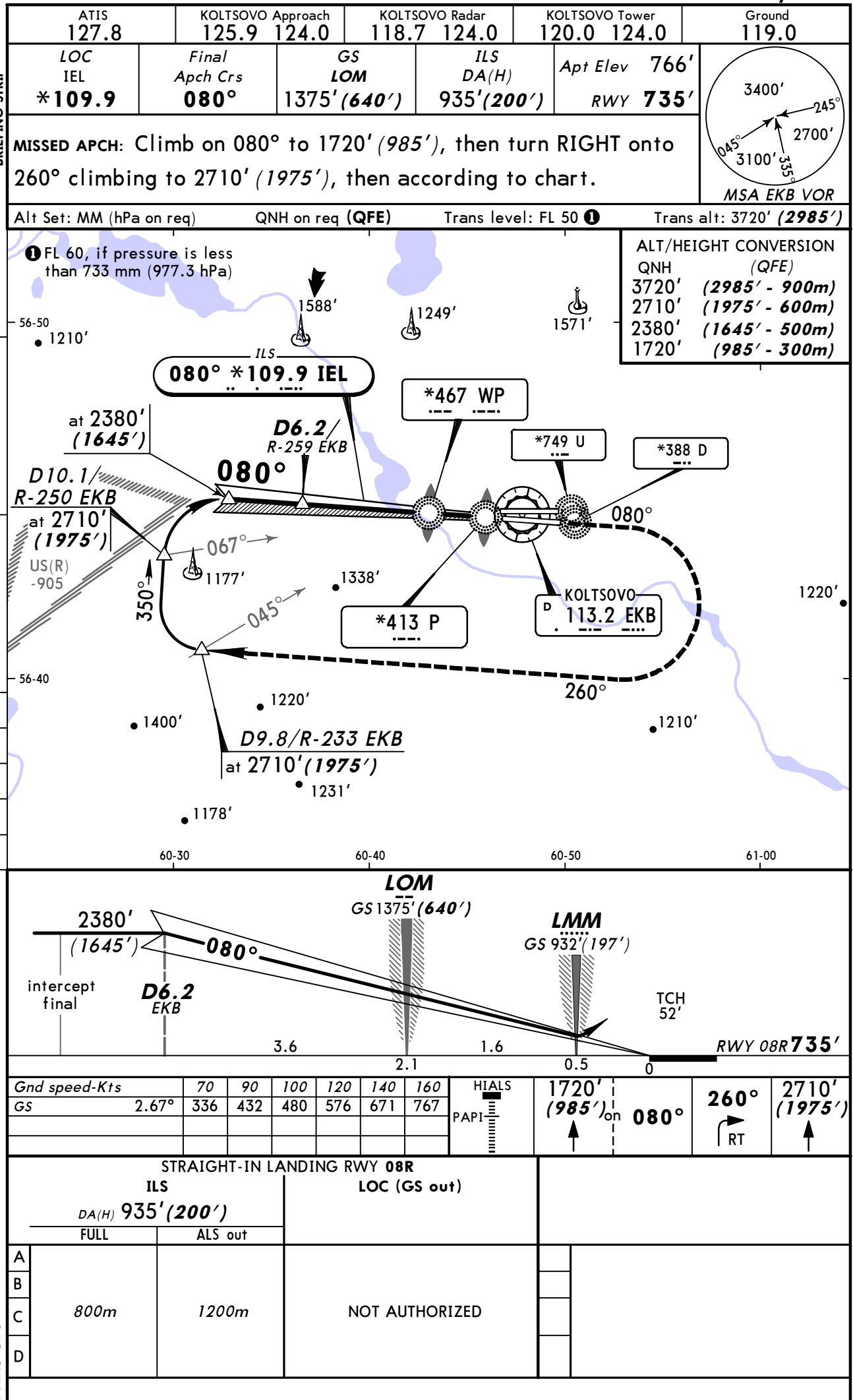
3720'	(2984' - 900m)
2710'	(1974' - 600m)
2380'	(1644' - 500m)
1720'	(984' - 300m)

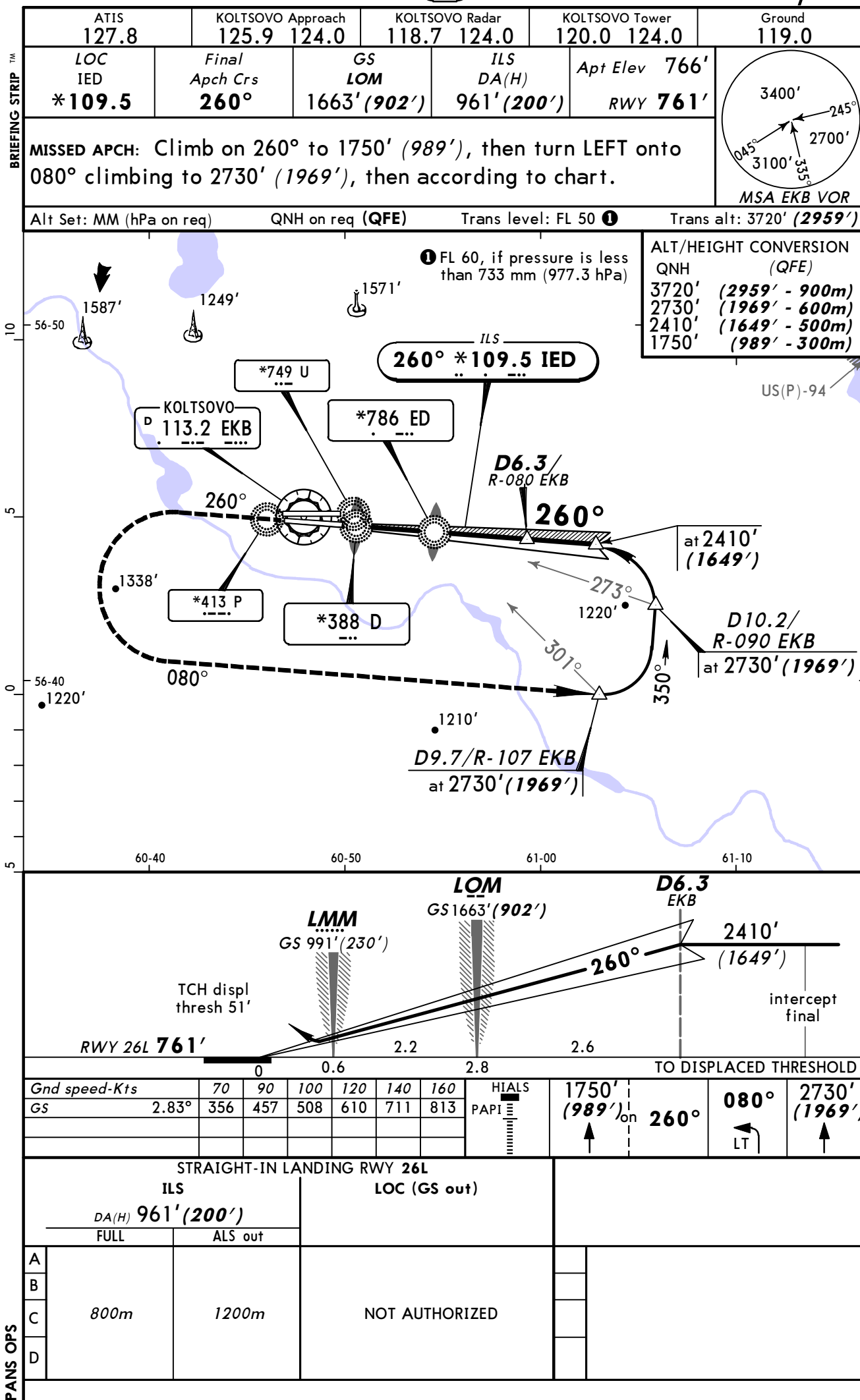


Gnd speed-Kts	70	90	100	120	140	160	HIALS	1720' (984') on 076°	256° RT	2710' (1974')
GS	3.00°	377	484	538	646	753	861	PAPI		

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



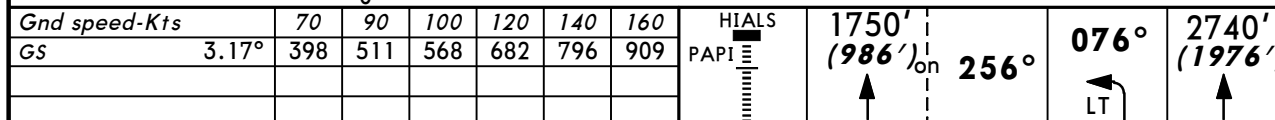
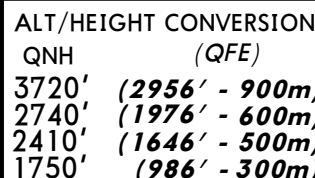


3400'

045° 245 2700' 335° 3100'

MSA EKB VOR

MSA EKB VOR

Trans alt: 3720' (**2956'**)

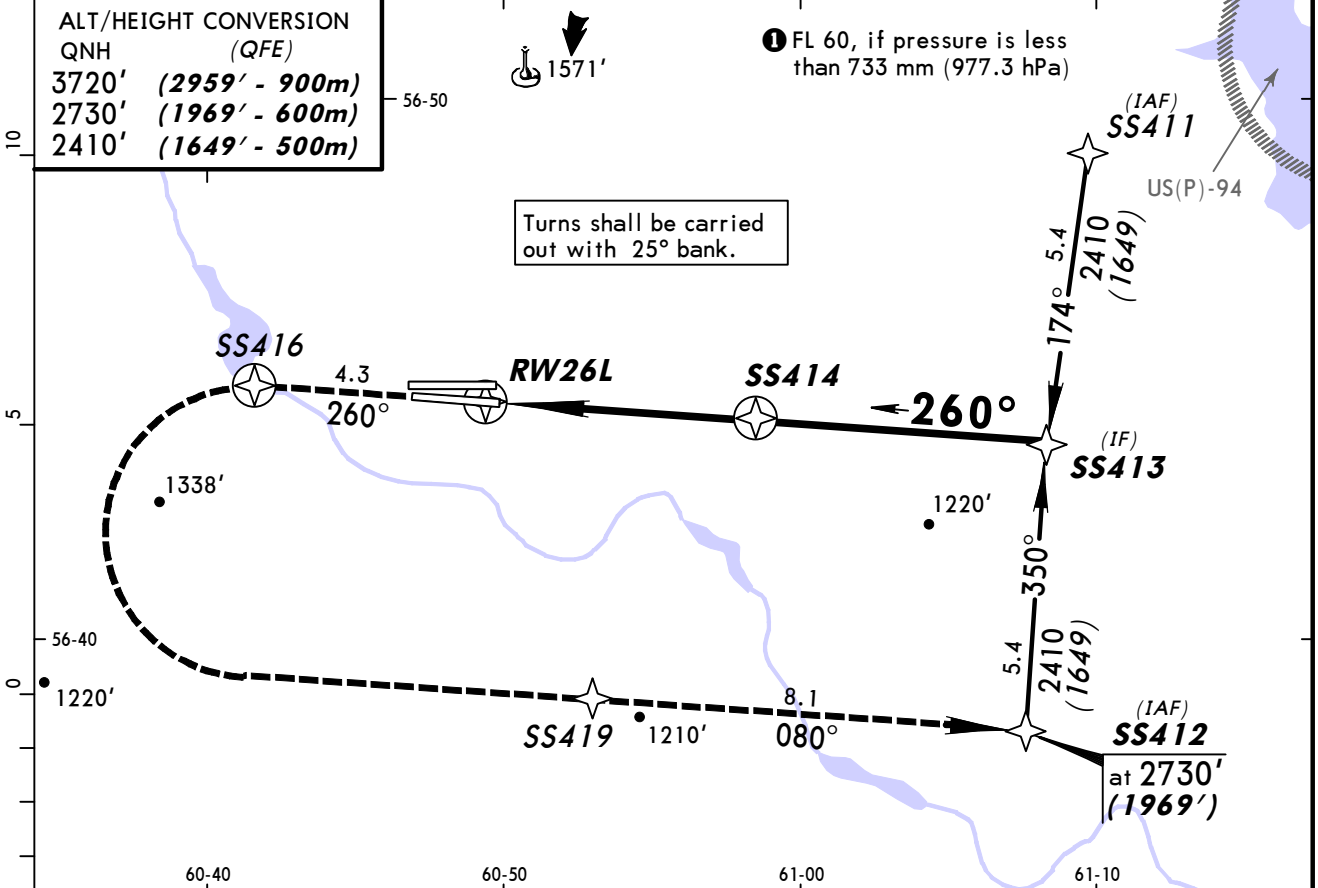
PANS OPS

BRIEFING STRIP

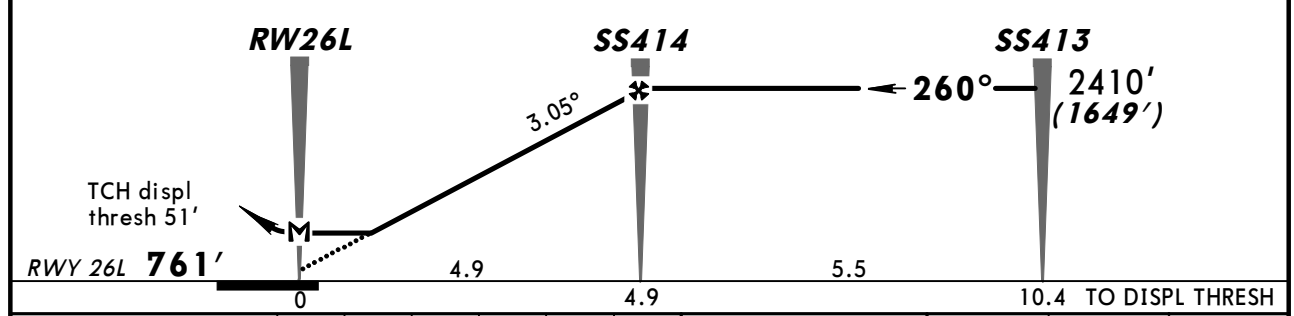
ATIS 127.8	KOLTSOVO Approach 125.9 124.0	KOLTSOVO Radar 118.7 124.0	KOLTSOVO Tower 120.0 124.0	Ground 119.0
RNAV	Final Apch Crs 260°	Minimum Alt SS414 2410' (1649')	MDA(H) 1260' (499')	Apt Elev 766' RWY 761'
MISSED APCH: Climb STRAIGHT AHEAD on track 260° to SS416, then turn LEFT climbing to 2730' (1969'),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

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	863
MAP at RW26L						

HIALS

PAPI

SS416

on

260°

STRAIGHT-IN LANDING RWY 26L

MDA(H) 1260' (499')

ALS out

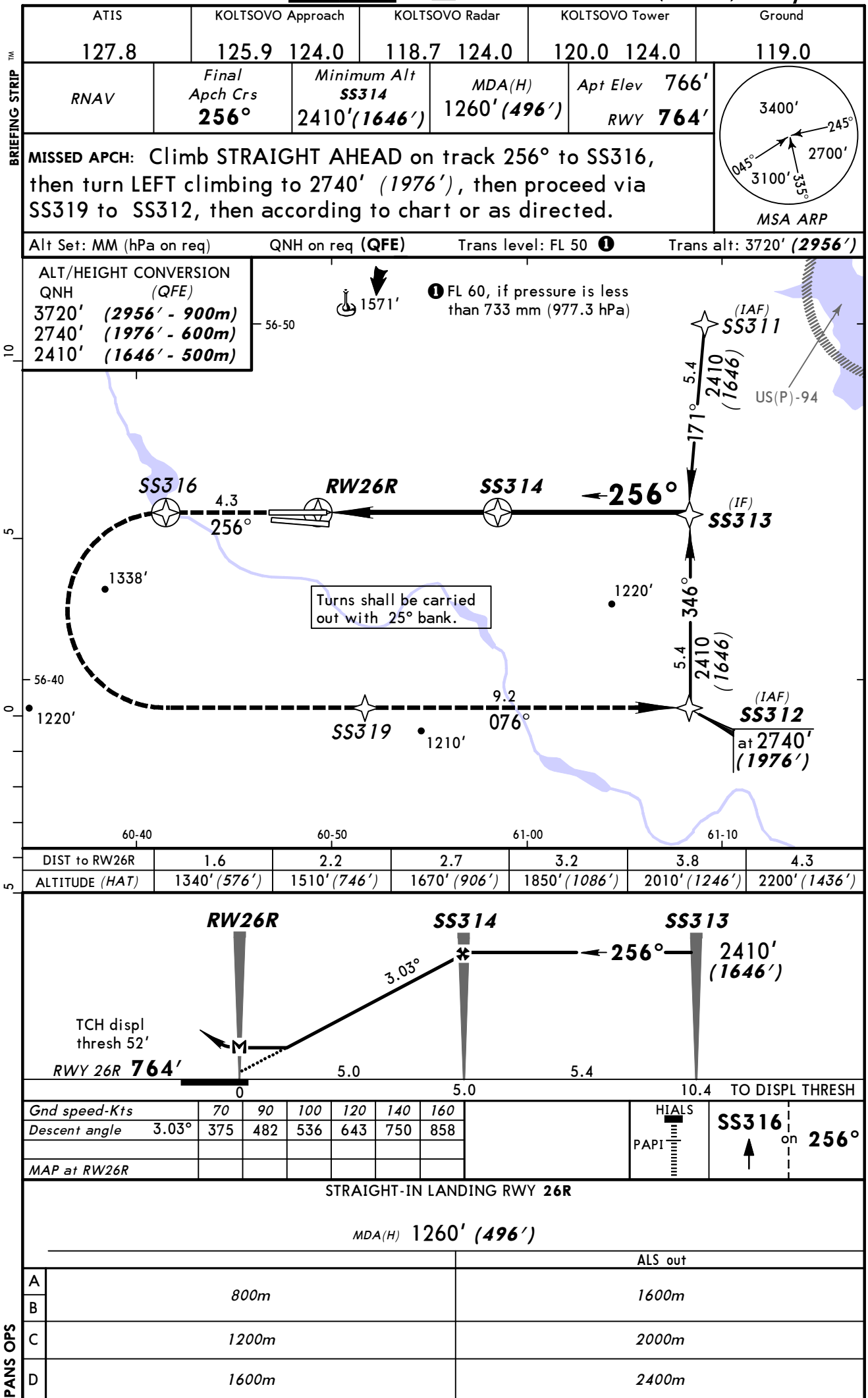
PANS OPS

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

USSS/SVX
KOLTSOVO

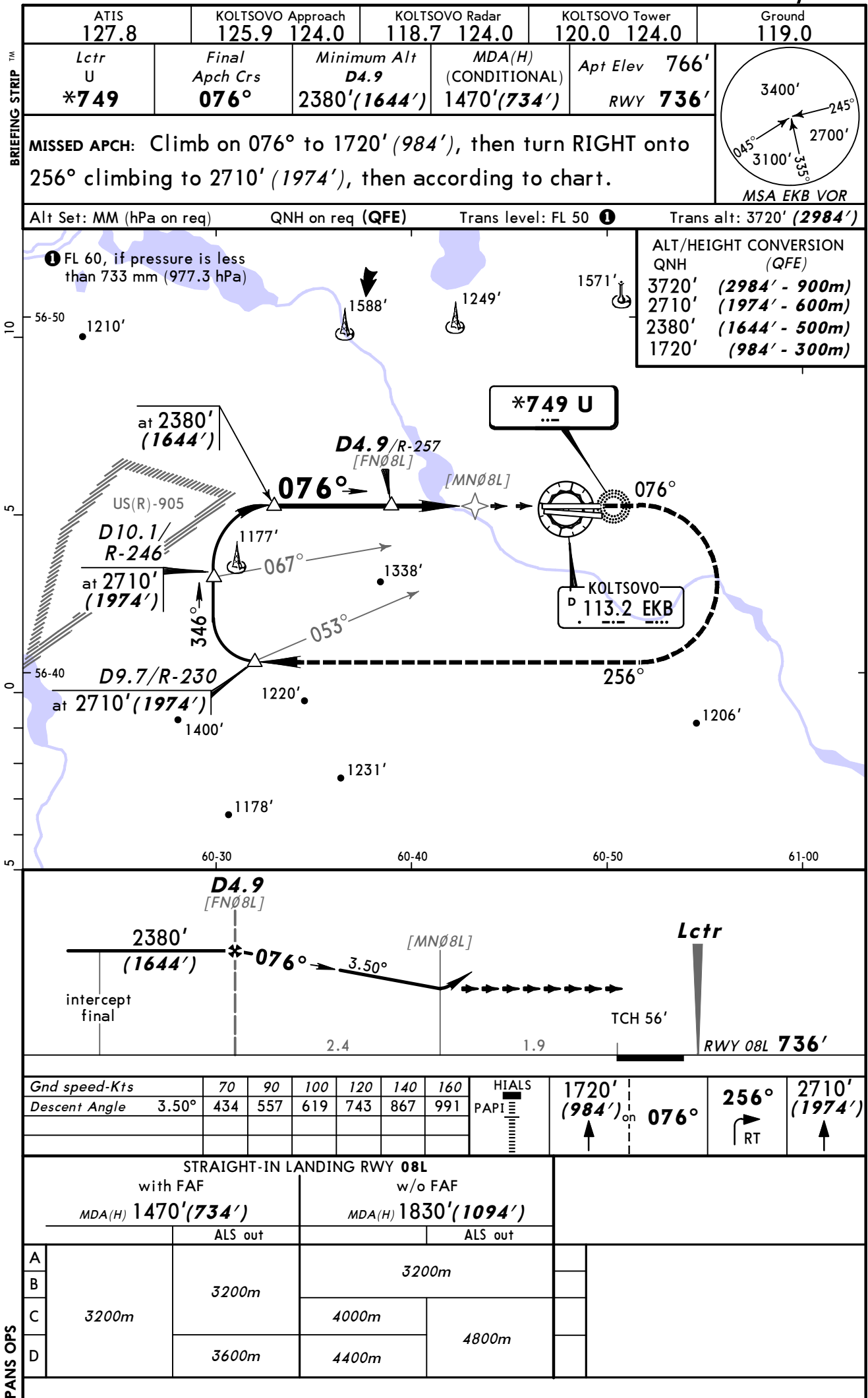
JEPPESSEN
4 NOV 11
Eff 17 Nov 12-2

YEKATERINBURG, RUSSIA
RNAV (GNSS) Rwy 26R



CHANGES: Communications. Transition level.

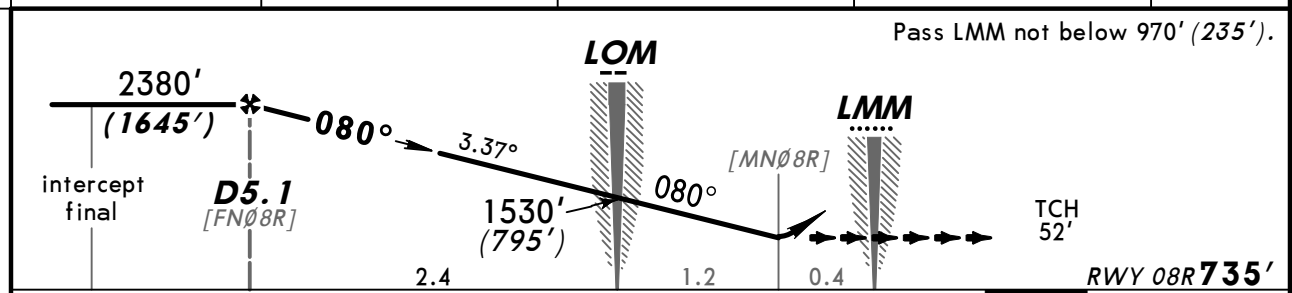
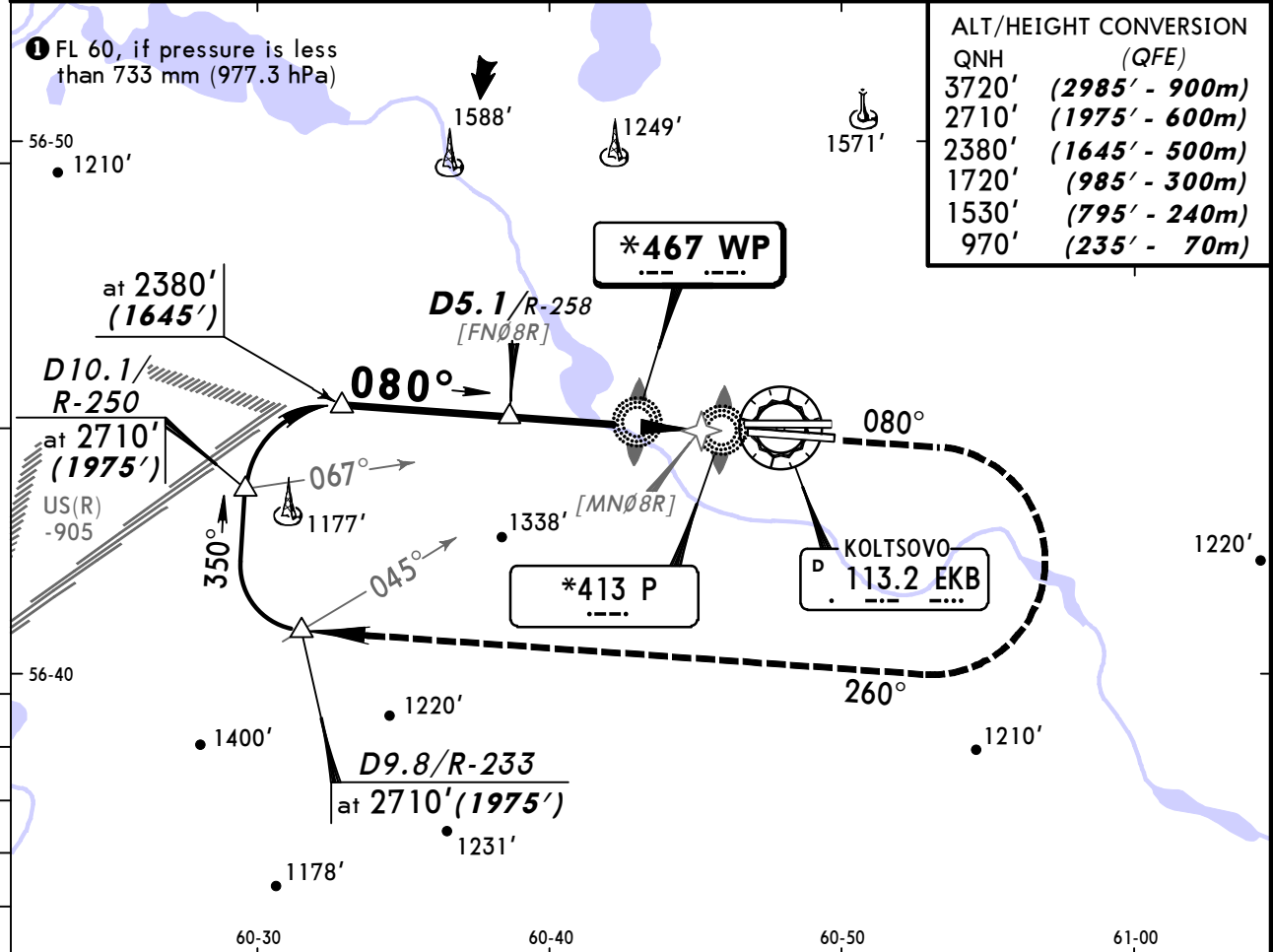
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ATIS 127.8	KOLTSOVO Approach 125.9 124.0	KOLTSOVO Radar 118.7 124.0	KOLTSOVO Tower 120.0 124.0	Ground 119.0
NDB WP *467	Final Apch Crs 080°	Minimum Alt D5.1 2380'(1645')	MDA(H) (CONDITIONAL) 1070'(335')	Apt Elev 766' RWY 735'

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')
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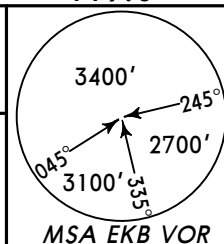


Gnd speed-Kts	70	90	100	120	140	160	HIALS	1720' (985') on 080°	260° RT	2710' (1975')
Descent Angle	3.37°	417	537	596	716	835	954	PAPI		

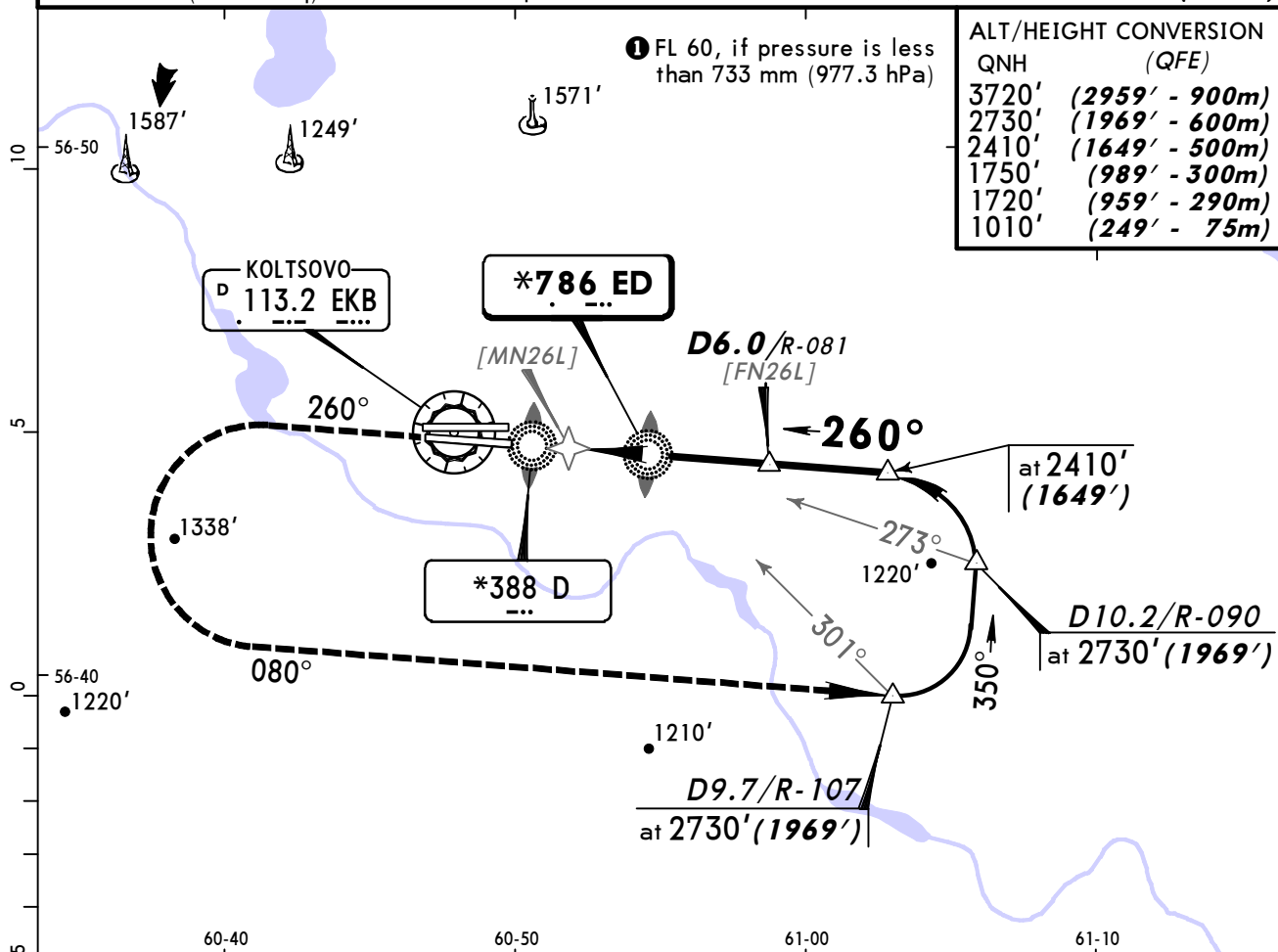
STRAIGHT-IN LANDING RWY 08R				
with FAF		w/o FAF		
MDA(H) 1070'(335')		MDA(H) 1710'(975')		
ALS out		ALS out		
A	1200m	1600m	1200m	2000m
B			1600m	2400m
C			4000m	4800m
D	1600m		4400m	

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'

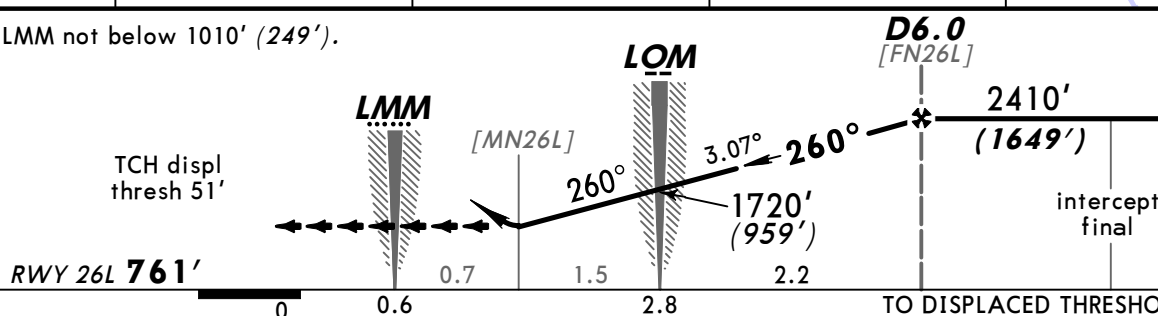
MISSED APCH: Climb on 260° to 1750' (989'), then turn LEFT onto 080° climbing to 2730' (1969'), then according to chart.



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



Pass LMM not below 1010' (249').



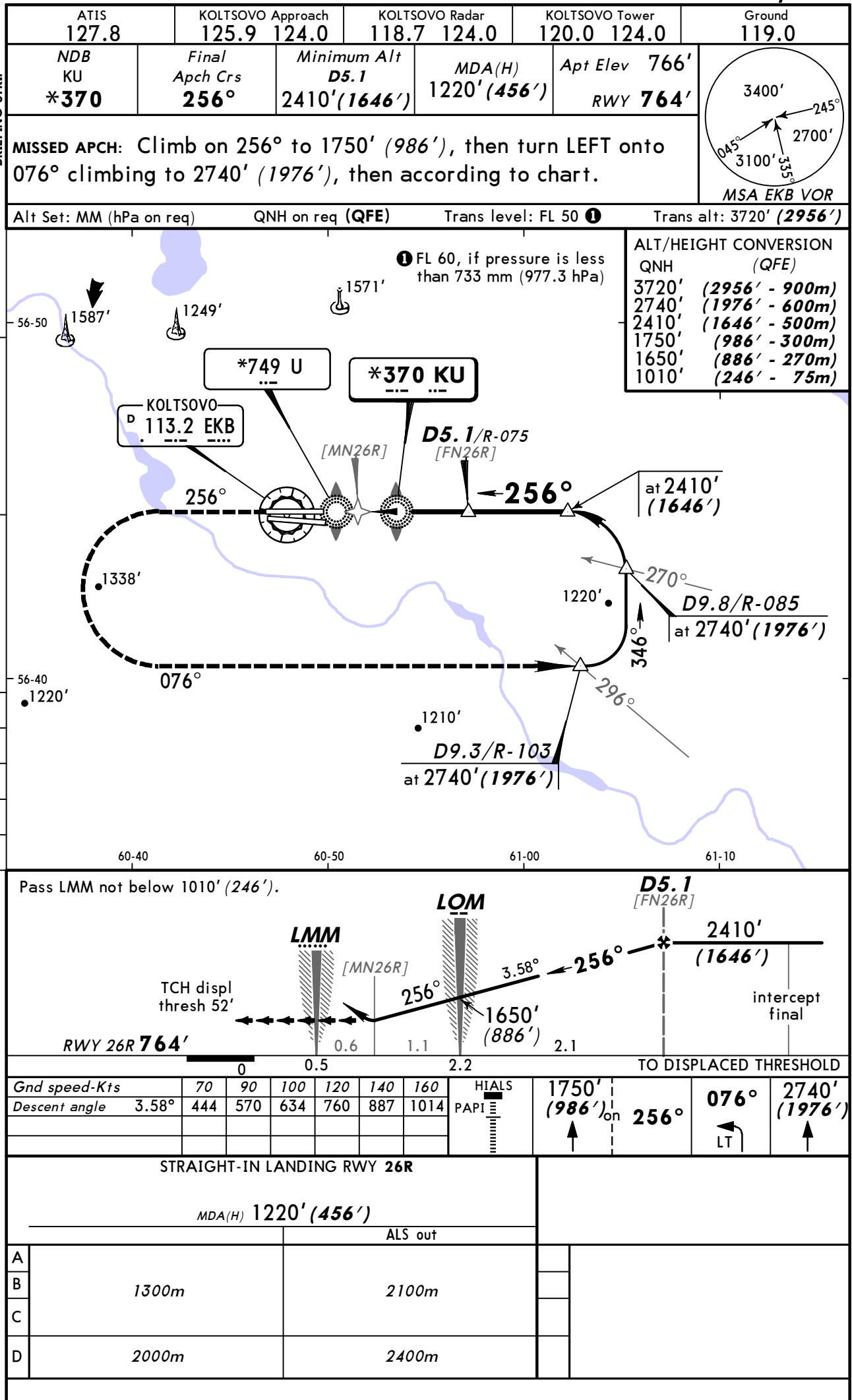
Gnd speed-Kts	70	90	100	120	140	160	HIALS	1750' (989') on	260°	080°	2730' (1969')
Descent angle	3.07°	380	489	543	652	760	869	PAPI	↑	LT	↑

STRAIGHT-IN LANDING RWY 26L

MDA(H) 1240' (479')

ALS out

A											
B											
C	1600m										
D	2000m										



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)

1750' (986' - 300m)

1650' (886' - 270m)

1010' (246' - 75m)

10

5

0

5

56-50

1587'

1249'

1571'

1338'

1220'

1210'

KOLTSOVO

D 113.2 EKB

*749 U

*370 KU

D5.1/R-075

[MN26R]

[FN26R]

256°

256°

270°

D9.8/R-085

at 2740' (1976')

346°

296°

D9.3/R-103

at 2740' (1976')

076°

256°

256°

2410' (1646')

1220'

60-40

60-50

61-00

61-10

Pass LMM not below 1010' (246').

LMM

[MN26R]

LOM

[FN26R]

D5.1

[FN26R]

2410' (1646')

intercept final

256°

256°

3.58°

1650' (886')

0.6

1.1

2.2

TO DISPLACED THRESHOLD

TCH displ thresh 52'

RWY 26R 764'

0

0.5

2.2

Gnd speed-Kts

70

90

100

120

140

160

HIALS

1750' (986') on

256°

076°

2740' (1976')

Descent angle

3.58°

444

570

634

760

887

1014

PAPI

↑

LT

↑

STRAIGHT-IN LANDING RWY 26R

MDA(H) 1220' (456')

ALS out

A

B

C

D

1300m

2100m

2000m

2400m

YEKATERINBURG, (KOLTSOVO - USSS)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport USSS