

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 11-2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UMMM

General Info

Minsk, BLR

N 53° 51.9' E 27° 32.4' Mag Var: 5.6°E

Elevation: 749'

Public, IFR, Control Tower, Customs, Landing Fee,

Jet Starting Unit available

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+2:00 uses DST

Runway Info

Runway 12-30 6562' x 197' asphalt

Runway 12 (118.0°M) TDZE 748'

Lights: Edge, ALS

Displaced Threshold Distance 328'

Runway 30 (298.0°M) TDZE 719'

Lights: Edge, ALS

Communications Info

ATIS **118.4**

Minsk 1 Tower Tower **128.0**

Minsk Radar Approach Control **125.25** Non-English

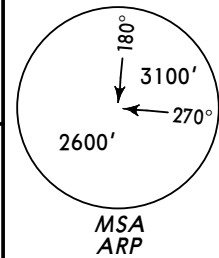
Notebook Info

UMMM/MHP
MINSK-1

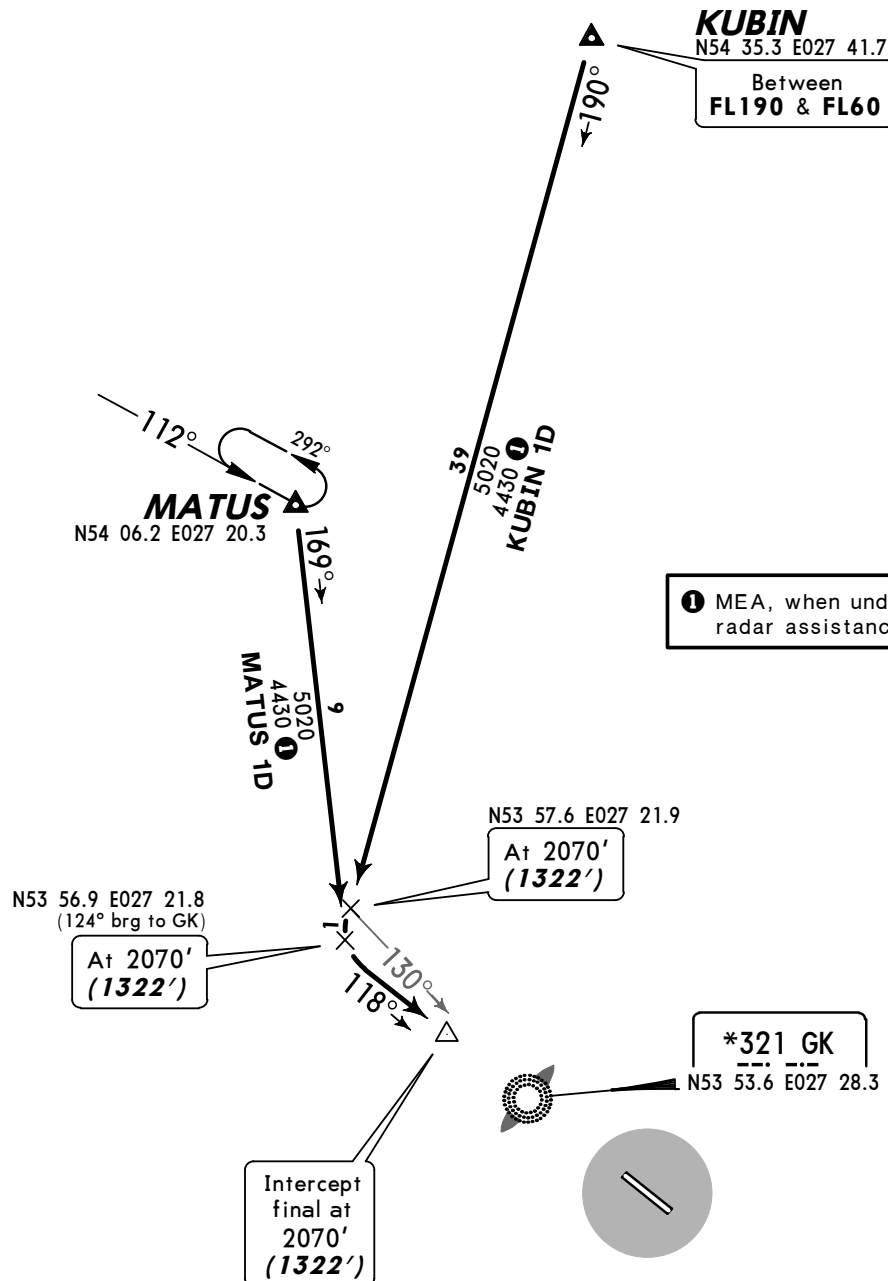
JEPPESEN
12 NOV 10 **20-2** **Eff 18 Nov**

MINSK, BELARUS
STAR

*ATIS 118.4	<i>Apt Elev</i> 749'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 733 mm (977.3 hPa) Trans alt: 3710' (2962')
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KUBIN 1D[KUBI1D], MATUS 1D[MATU1D]
RWY 12 ARRIVALS
FROM NORTH



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3710'	(2962' - 900m)
2070'	(1322' - 400m)

UMMM/MHP
MINSK-1

JEPPESSEN
12 NOV 10 **(20-2A)** **Eff 18 Nov**

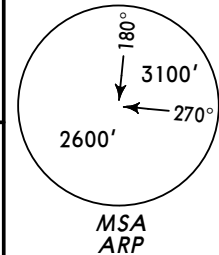
MINSK, BELARUS

STAR

*ATIS
118.4

Apt Elev
749'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3710' **(2991')**



KUBIN 2D [KUBI2D], MATUS 2D [MATU2D]

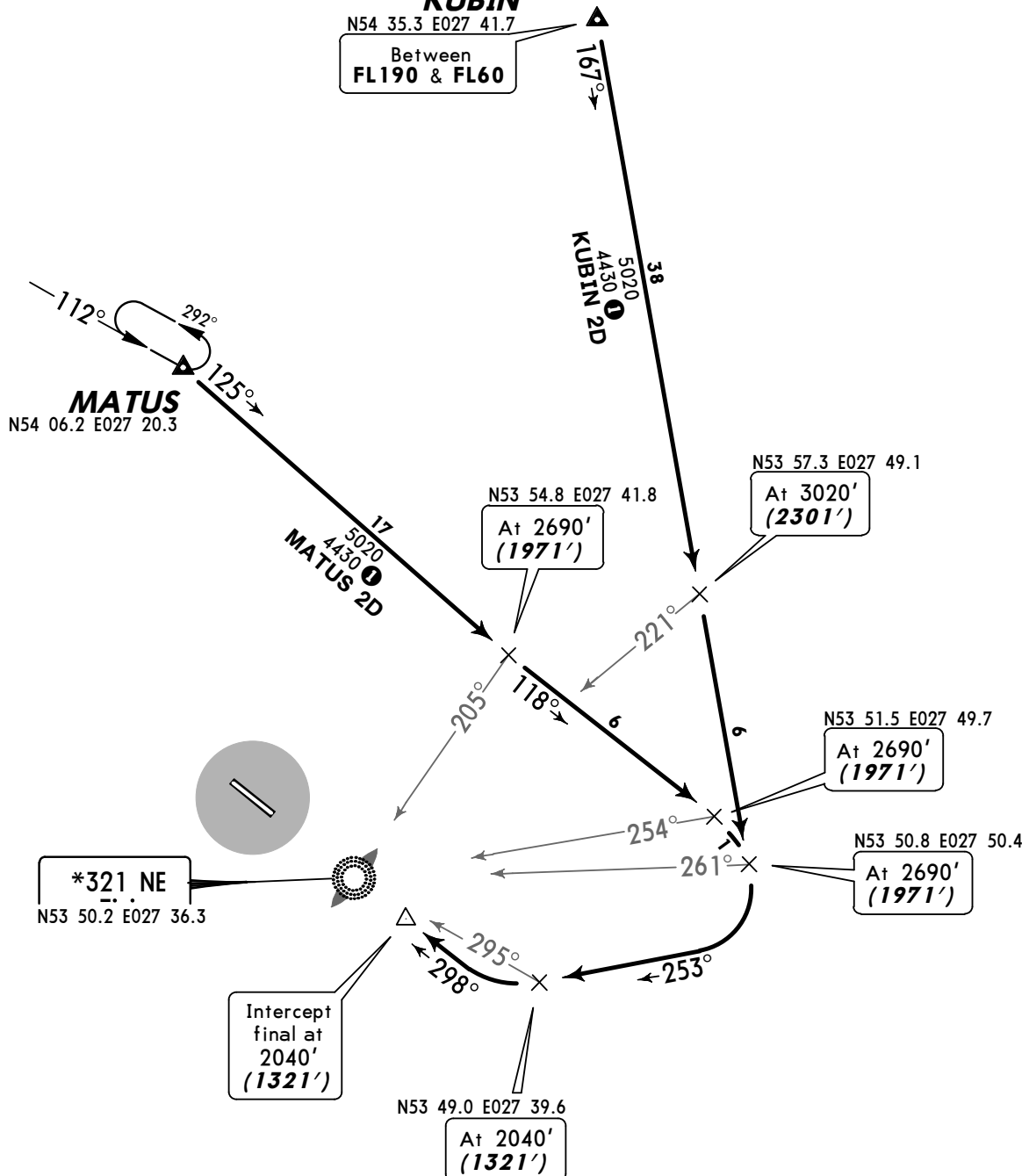
RWY 30 ARRIVALS

FROM NORTH

KUBIN

N54 35.3 E027 41.7

Between
FL190 & FL60



***321 NE**
N53 50.2 E027 36.3

Intercept
final at
2040'
(1321')

N53 49.0 E027 39.6
Alt 2040'
(1321')

① MEA, when under
radar assistance



ALT/HEIGHT CONVERSION

QNH **(QFE)**

3710' **(2991' - 900m)**

3020' **(2301' - 700m)**

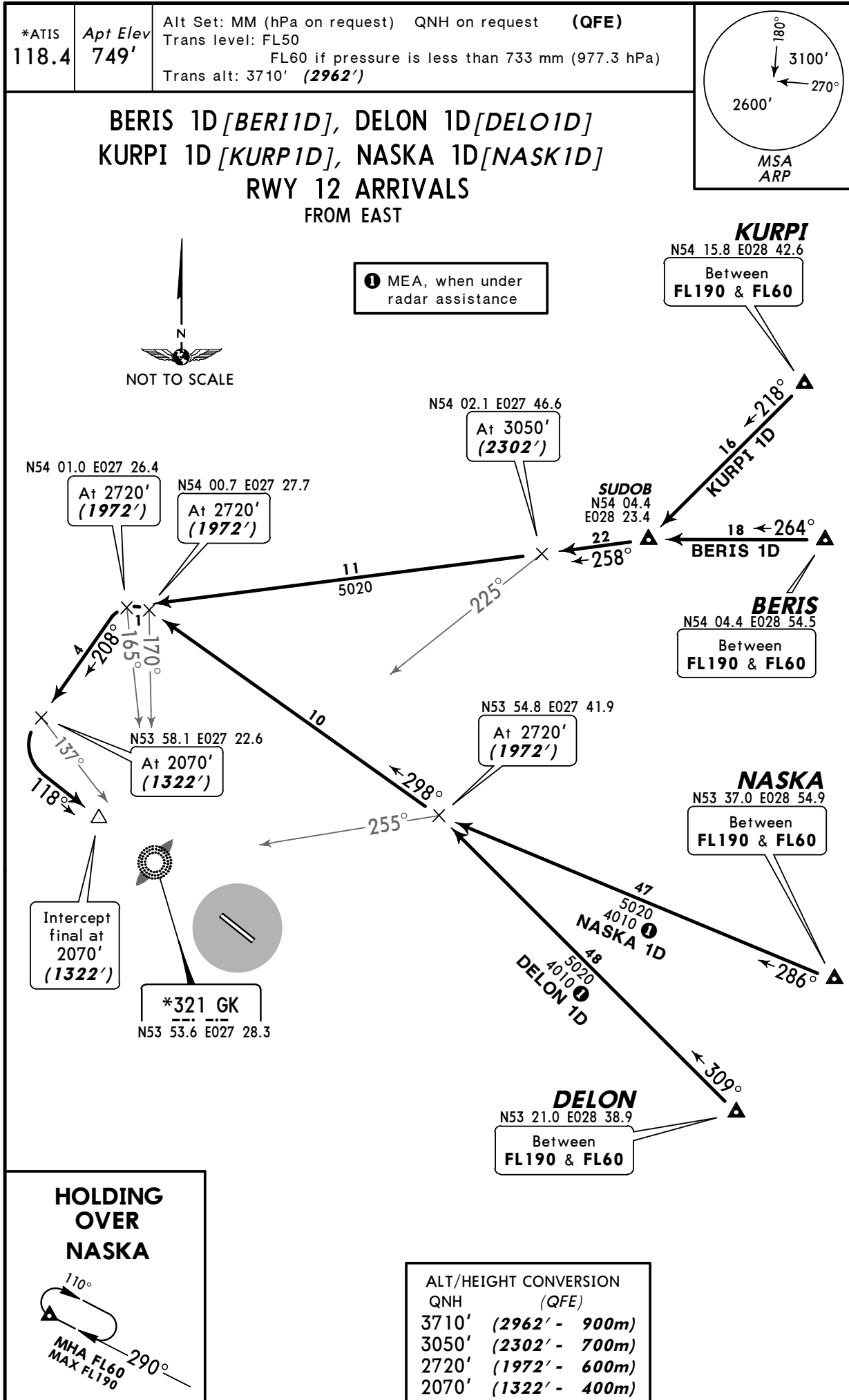
2690' **(1971' - 600m)**

2040' **(1321' - 400m)**

UMMM/MHP
MINSK-1

JEPPESEN
12 NOV 10 **(20-2B)** **Eff 18 Nov**

MINSK, BELARUS
STAR

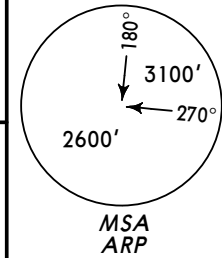


UMMM/MHP
MINSK-1

JEPPesen
12 NOV 10 **(20-2C)** **Eff 18 Nov**

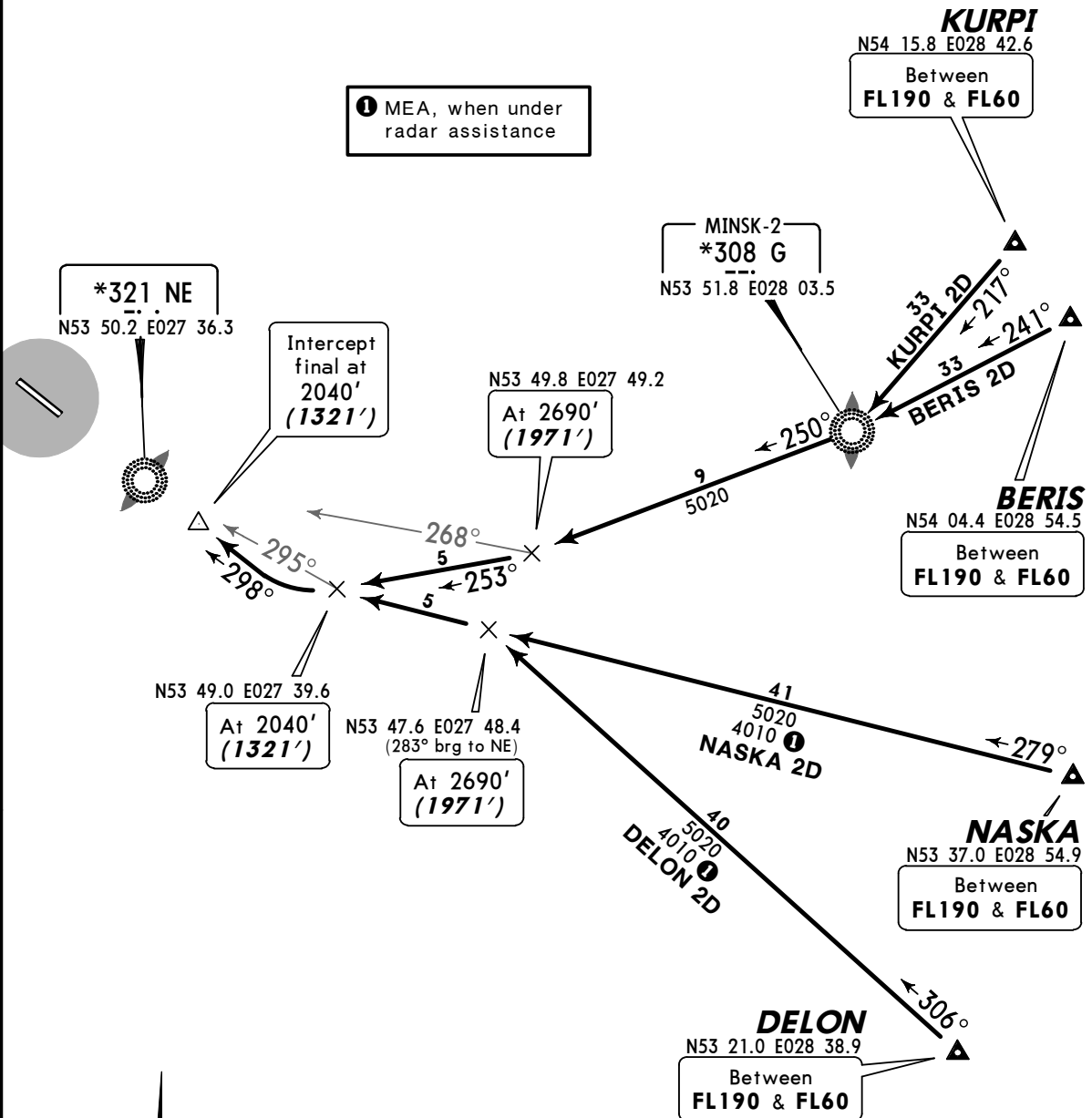
MINSK, BELARUS
STAR

*ATIS 118.4	Apt Elev 749'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 733 mm (977.3 hPa) Trans alt: 3710' (2991')
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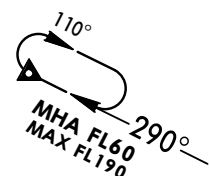
**BERIS 2D [BERI2D], DELON 2D [DELO2D]
KURPI 2D [KURP2D], NASKA 2D [NASK2D]
RWY 30 ARRIVALS
FROM EAST**

1 MEA, when under radar assistance



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3710'	(2991' - 900m)
2690'	(1971' - 600m)
2040'	(1321' - 400m)

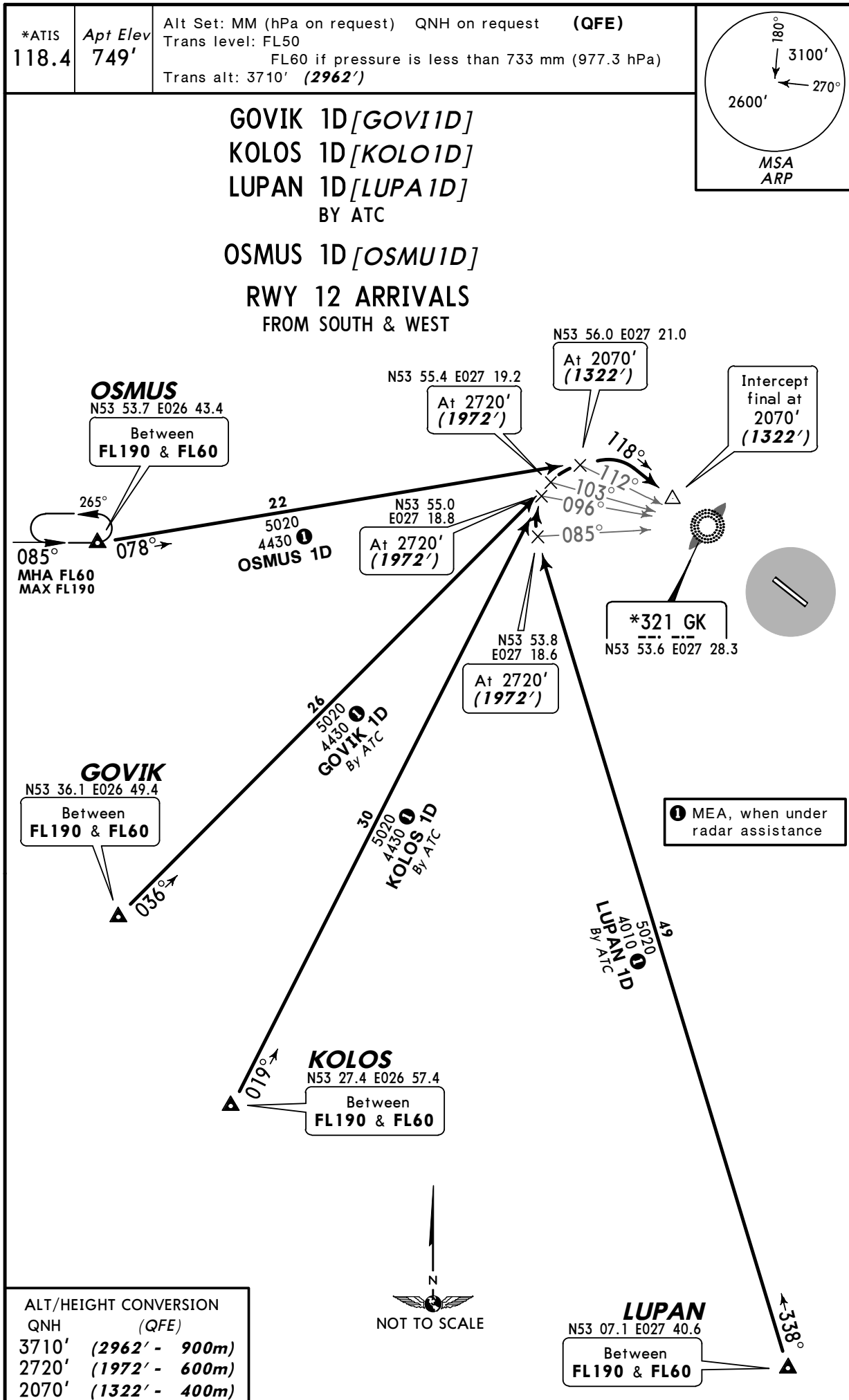
**HOLDING
OVER
NASKA**



UMMM/MHP
MINSK-1

JEPPesen
12 NOV 10 **(20-2D)** **Eff 18 Nov**

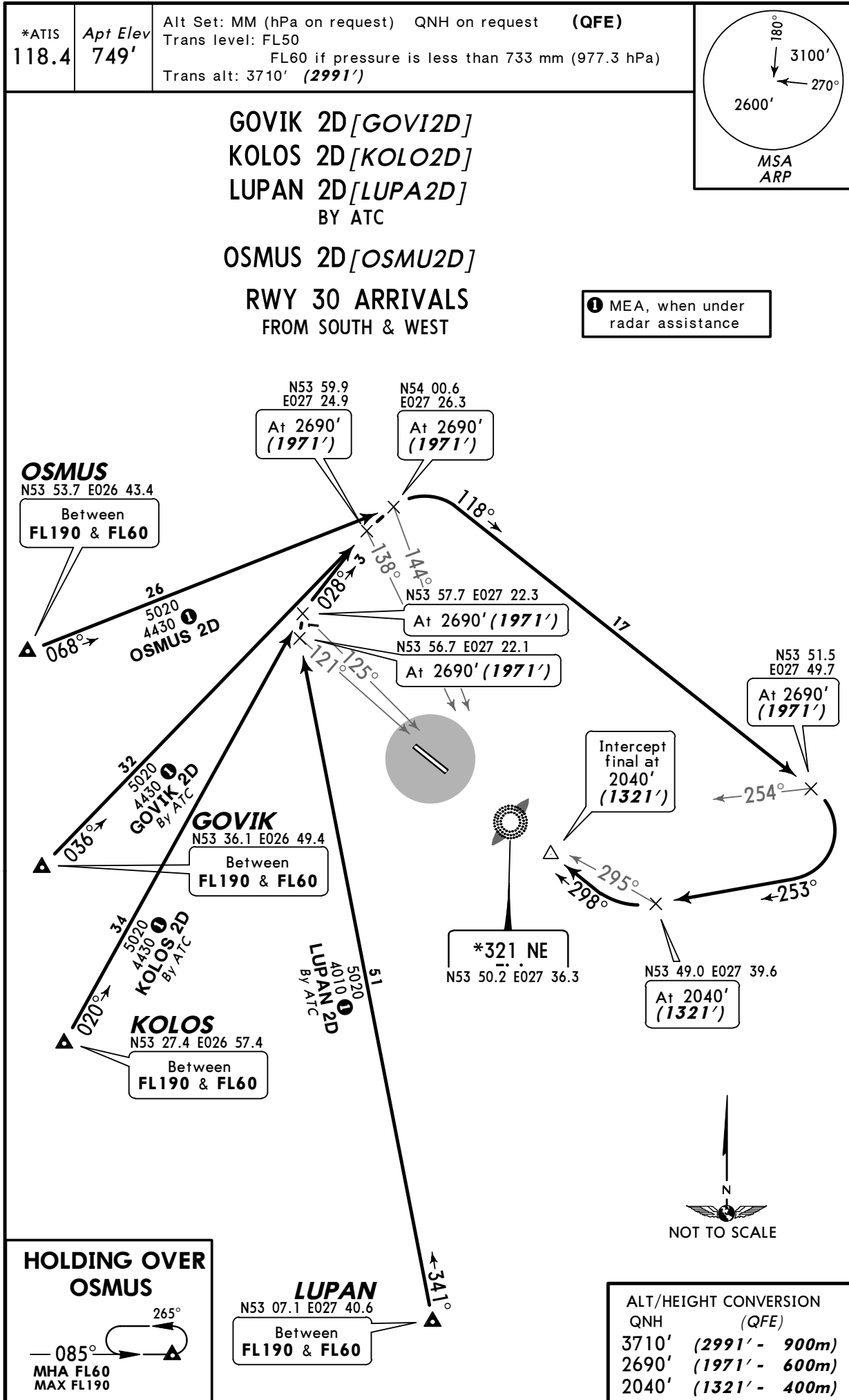
MINSK, BELARUS
STAR



UMMM/MHP
MINSK-1

JEPPESSEN
12 NOV 10 **20-2E** **Eff 18 Nov**

MINSK, BELARUS
STAR



UMMM/MHP
MINSK-1

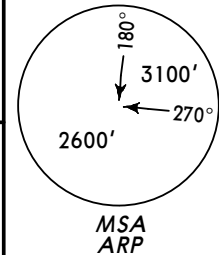
JEPPesen
12 NOV 10 **20-3** **Eff 18 Nov**

MINSK, BELARUS

SID

Apt Elev
749'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3710' **(2962')**



KUBIN 3D [KUBI3D], KUBIN 3E [KUBI3E] ①
LENOK 3D [LENO3D], LENOK 3E [LENO3E] ①
PENAL 3D [PENA3D]
RWY 12 DEPARTURES
TO NORTH

LENOK
N54 33.1 E027 26.5

Between
FL60 & FL190

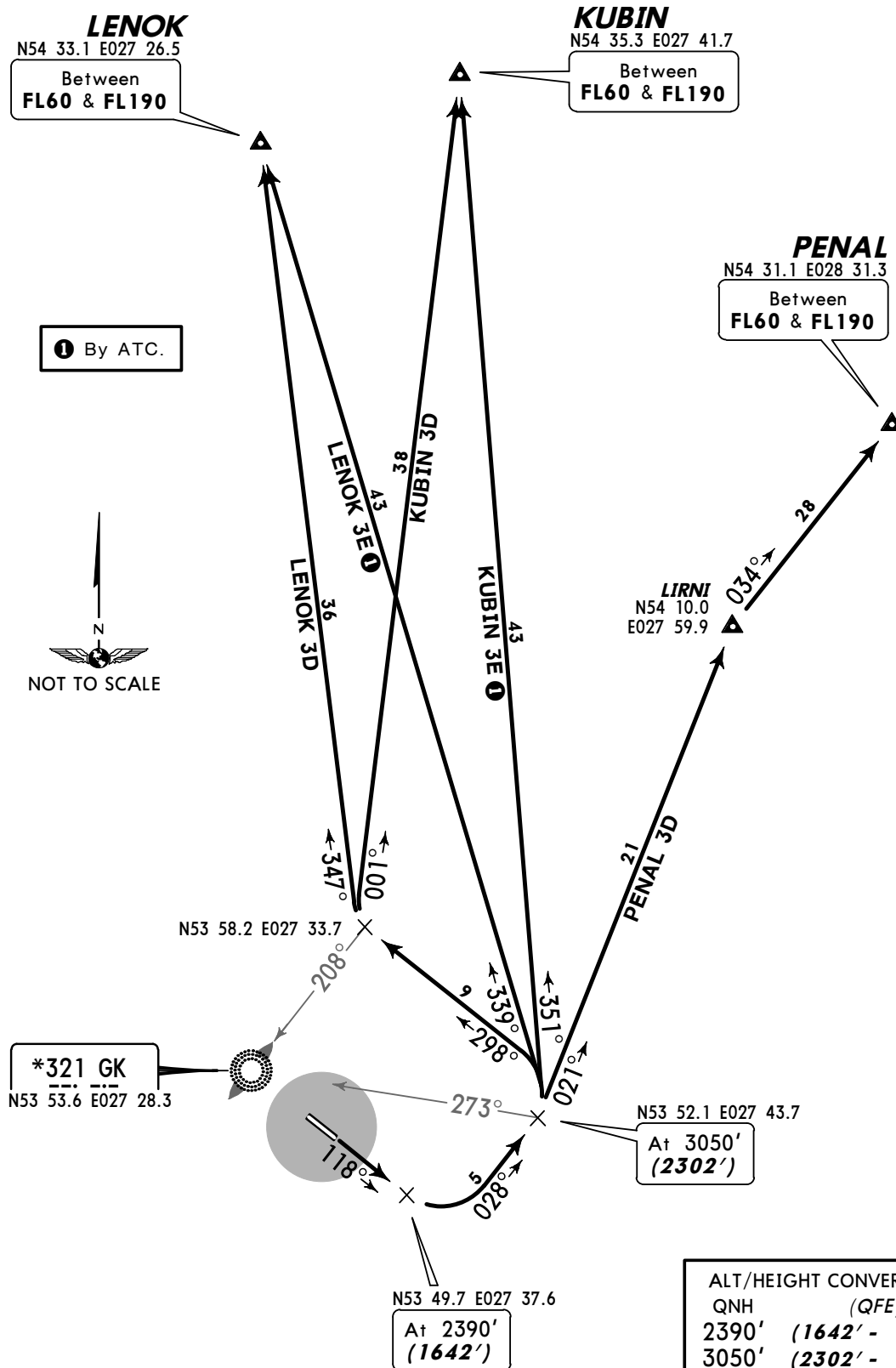
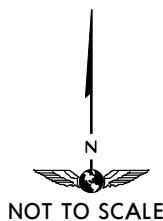
KUBIN
N54 35.3 E027 41.7

Between
FL60 & FL190

PENAL
N54 31.1 E028 31.3

Between
FL60 & FL190

① By ATC.



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
2390'	(1642' - 500m)	
3050'	(2302' - 700m)	
3710'	(2962' - 900m)	

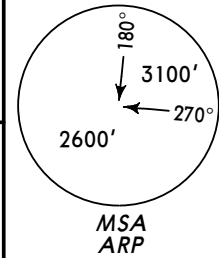
UMMM/MHP
MINSK-1

JEPPESEN
12 NOV 10 **(20-3A)** **Eff 18 Nov**

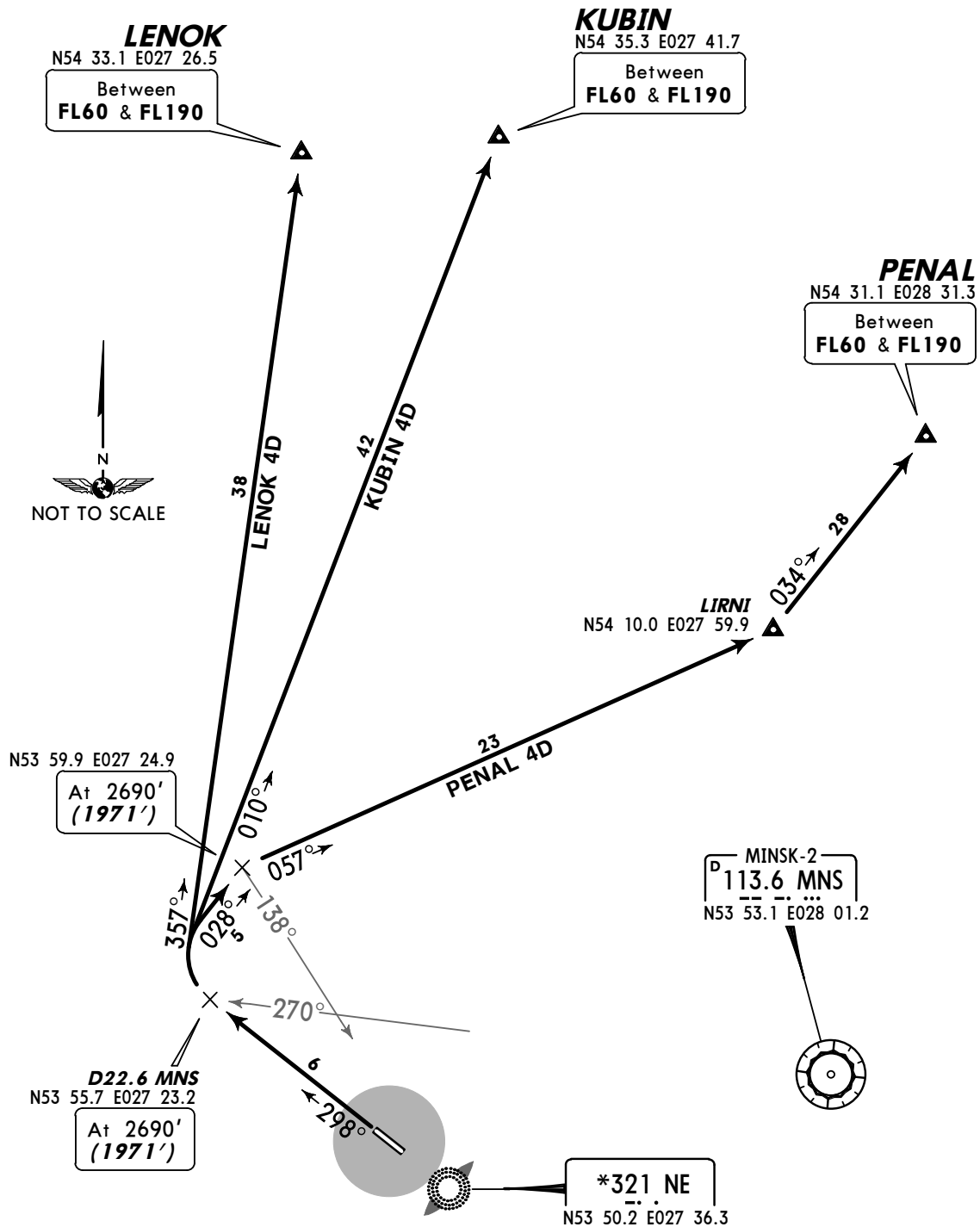
MINSK, BELARUS
SID

Apt Elev
749'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3710' **(2991')**



KUBIN 4D [KUBI4D]
LENOK 4D [LENO4D]
PENAL 4D [PENA4D]
RWY 30 DEPARTURES
TO NORTH



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2690'	(1971' - 600m)
3710'	(2991' - 900m)

UMMM/MHP
MINSK-1

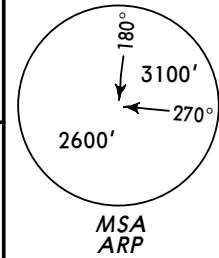
JEPPESSEN
12 NOV 10 **(20-3B)** **Eff 18 Nov**

MINSK, BELARUS

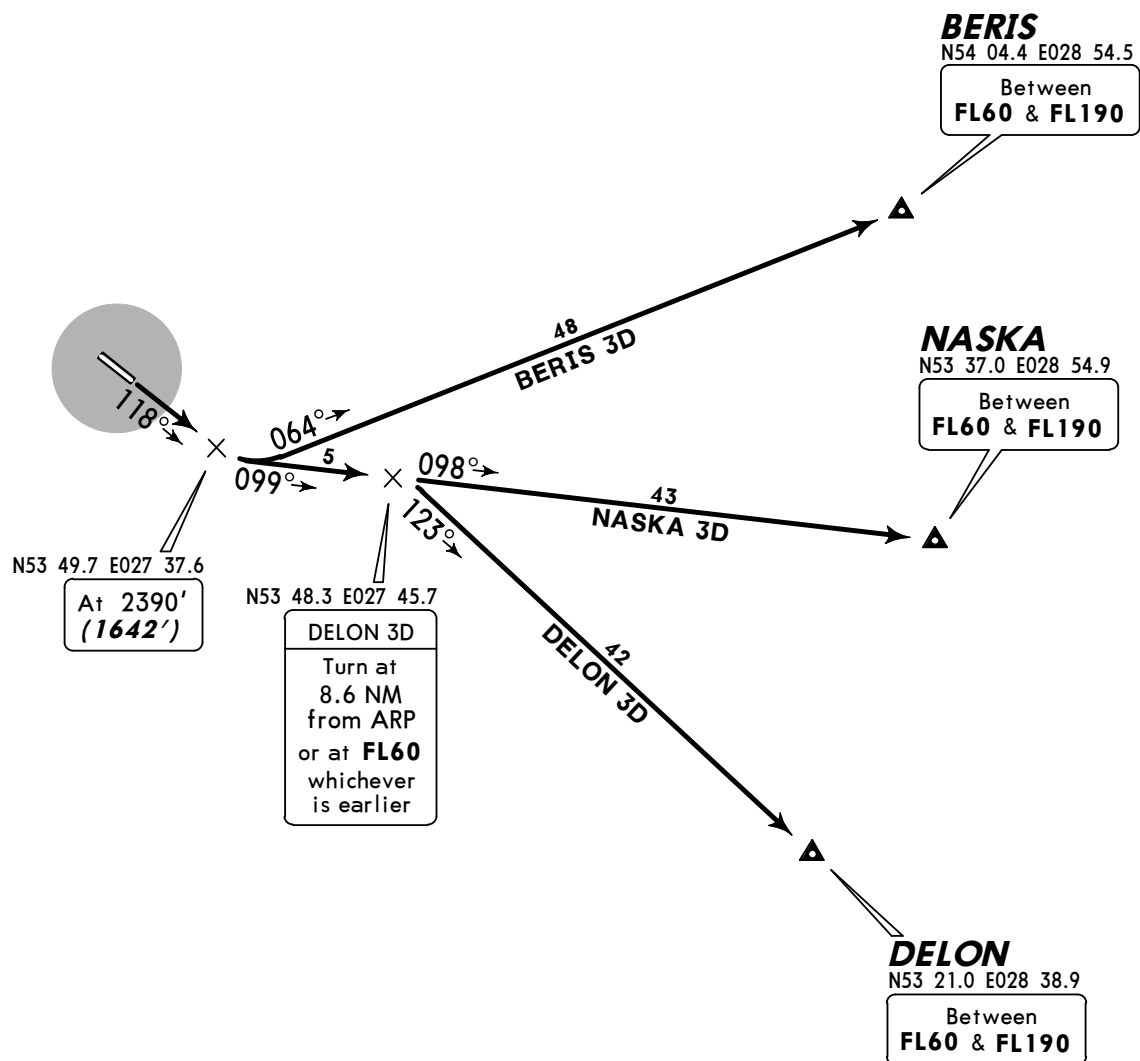
SID

Apt Elev
749'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3710' **(2962')**



BERIS 3D [BERI3D]
 DELON 3D [DELO3D]
 NASKA 3D [NASK3D]
 RWY 12 DEPARTURES
 TO EAST



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2390'	(1642' - 500m)
3710'	(2962' - 900m)

UMMM/MHP
MINSK-1

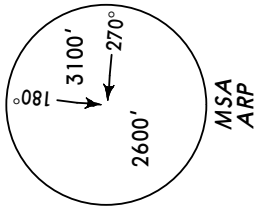
JEPPESSEN
12 NOV 10 **(20-3C)** **Eff 18 Nov**

MINSK, BELARUS

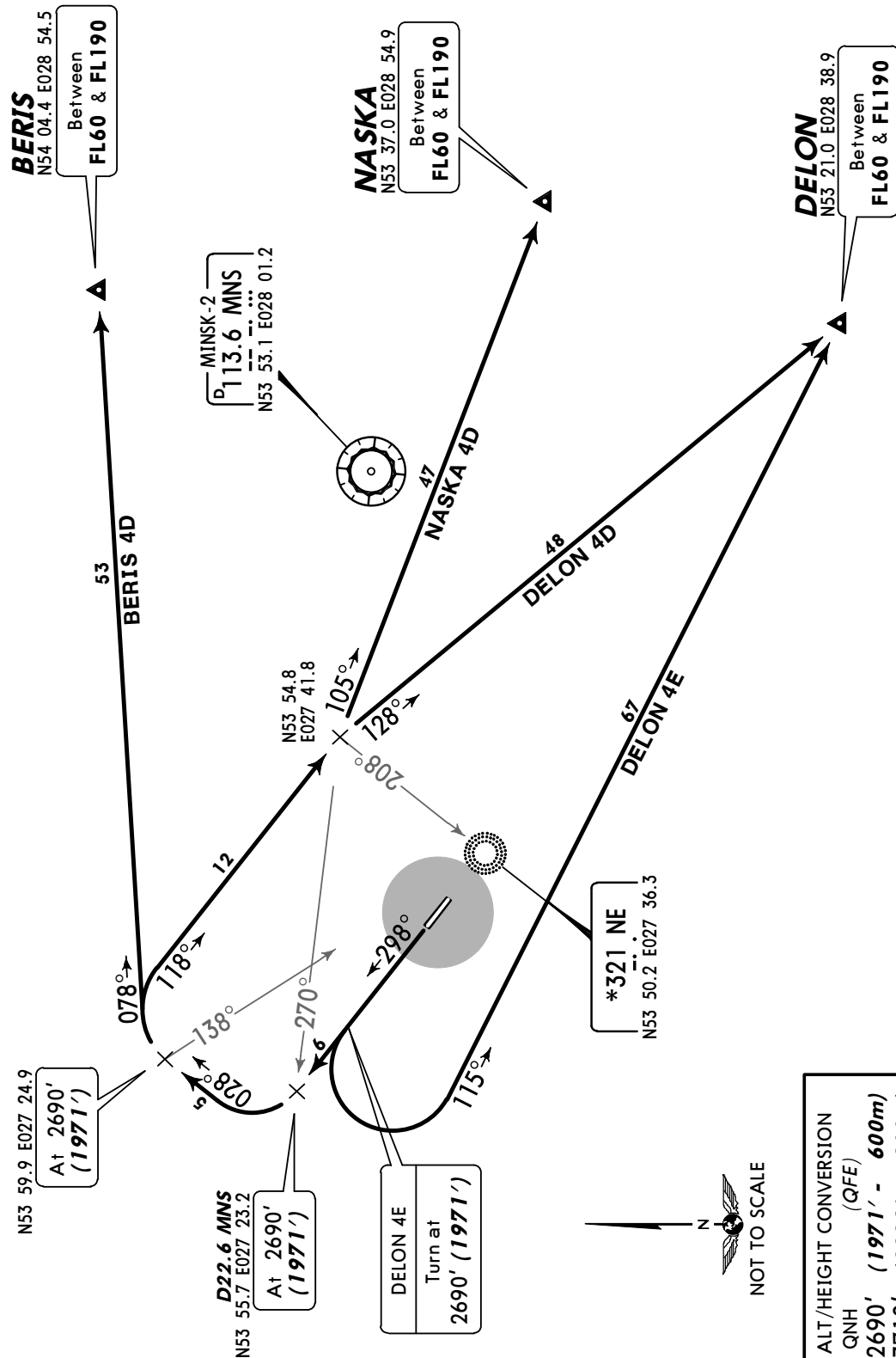
SID

Apt Elev
749'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3710' **(2991')**



BERIS 4D [BERI4D]
 DELON 4D [DELO4D]
 DELON 4E [DELO4E]
 NASKA 4D [NASK4D]
 RWY 30 DEPARTURES
 TO EAST



NOT TO SCALE

ALT/HEIGHT CONVERSION

QNH	(QFE)
2690'	(1971' - 600m)
3710'	(2991' - 900m)

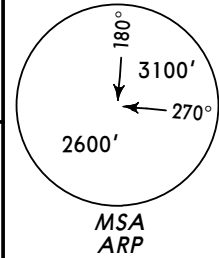
UMMM/MHP
MINSK-1

JEPPESEN
12 NOV 10 **(20-3D)** **Eff 18 Nov**

MINSK, BELARUS
SID

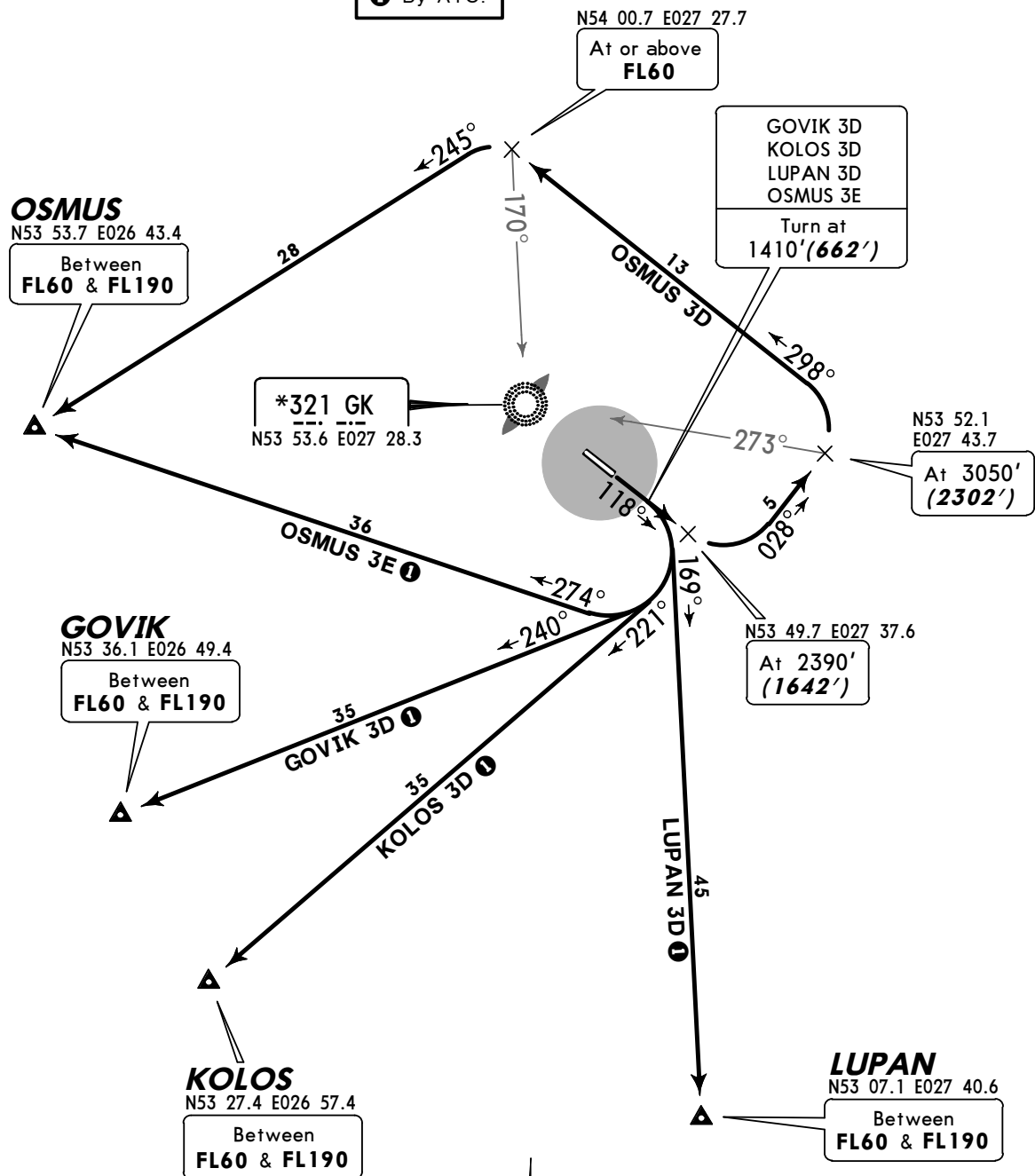
Apt Elev
749'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3710' **(2962')**



GOVIK 3D[GOVI3D]①, KOLOS 3D[KOLO3D]①
LUPAN 3D[LUPA3D]①
OSMUS 3D[OSMU3D], OSMUS 3E[OSMU3E]①
RWY 12 DEPARTURES
TO SOUTH & WEST

① By ATC.



ALT/HEIGHT CONVERSION

QNH	(QFE)
1410'	(662' - 200m)
2390'	(1642' - 500m)
3050'	(2302' - 700m)
3710'	(2962' - 900m)



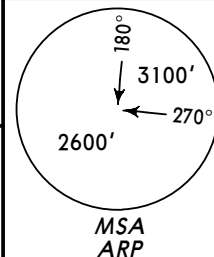
UMMM/MHP
MINSK-1

JEPPESSEN
12 NOV 10 **(20-3E)** **Eff 18 Nov**

MINSK, BELARUS
SID

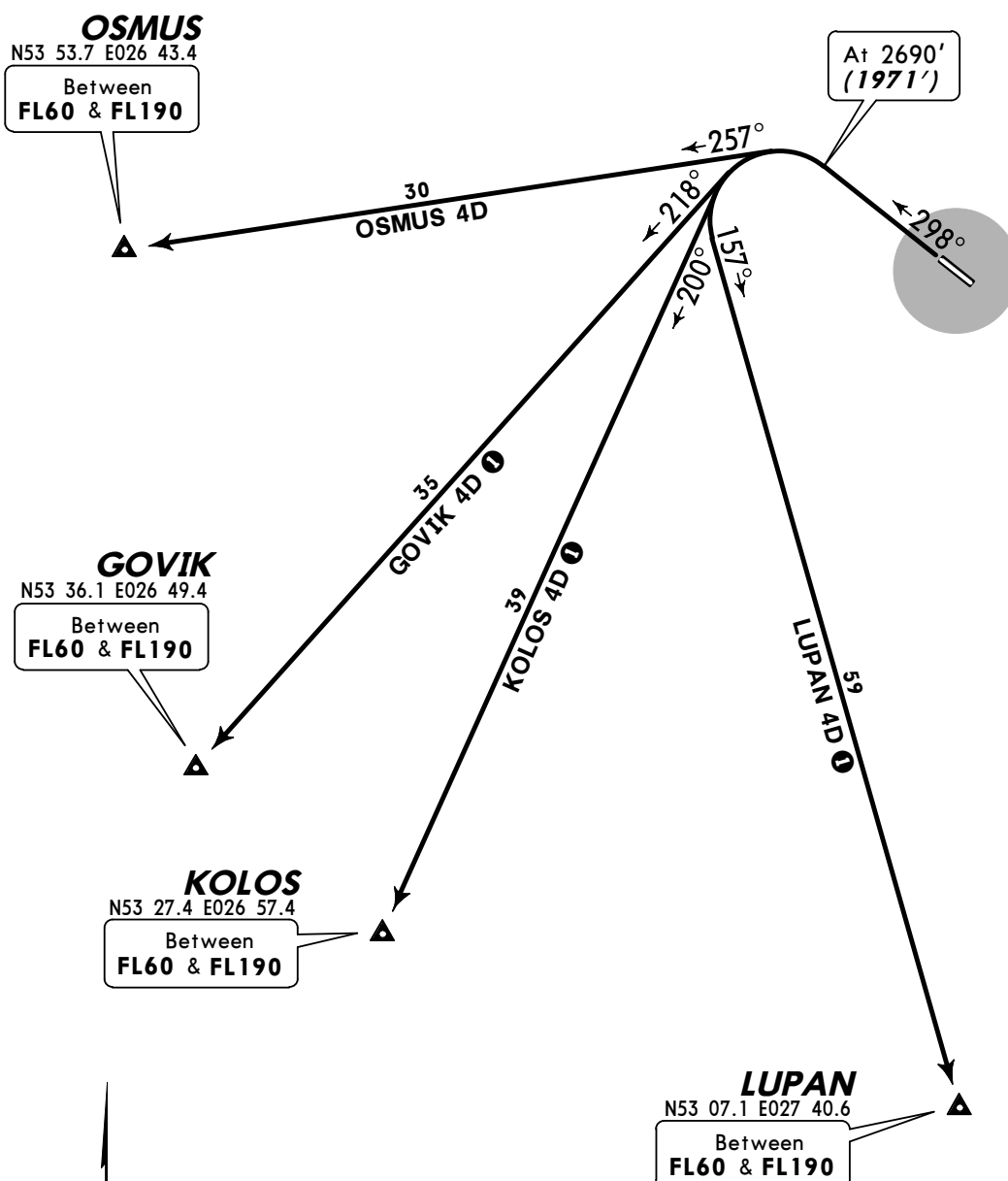
Apt Elev
749'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3710' **(2991')**



GOVIK 4D [GOVI4D] ①, KOLOS 4D [KOLO4D] ①
LUPAN 4D [LUPA4D] ①, OSMUS 4D [OSMU4D]
RWY 30 DEPARTURES
TO SOUTH & WEST

① By ATC.



ALT/HEIGHT CONVERSION
QNH (QFE)
2690' (1971' - 600m)
3710' (2991' - 900m)

UMMM/MHP

Apt Elev **749'**
 N53 51.9 E027 32.4

JEPPESSEN

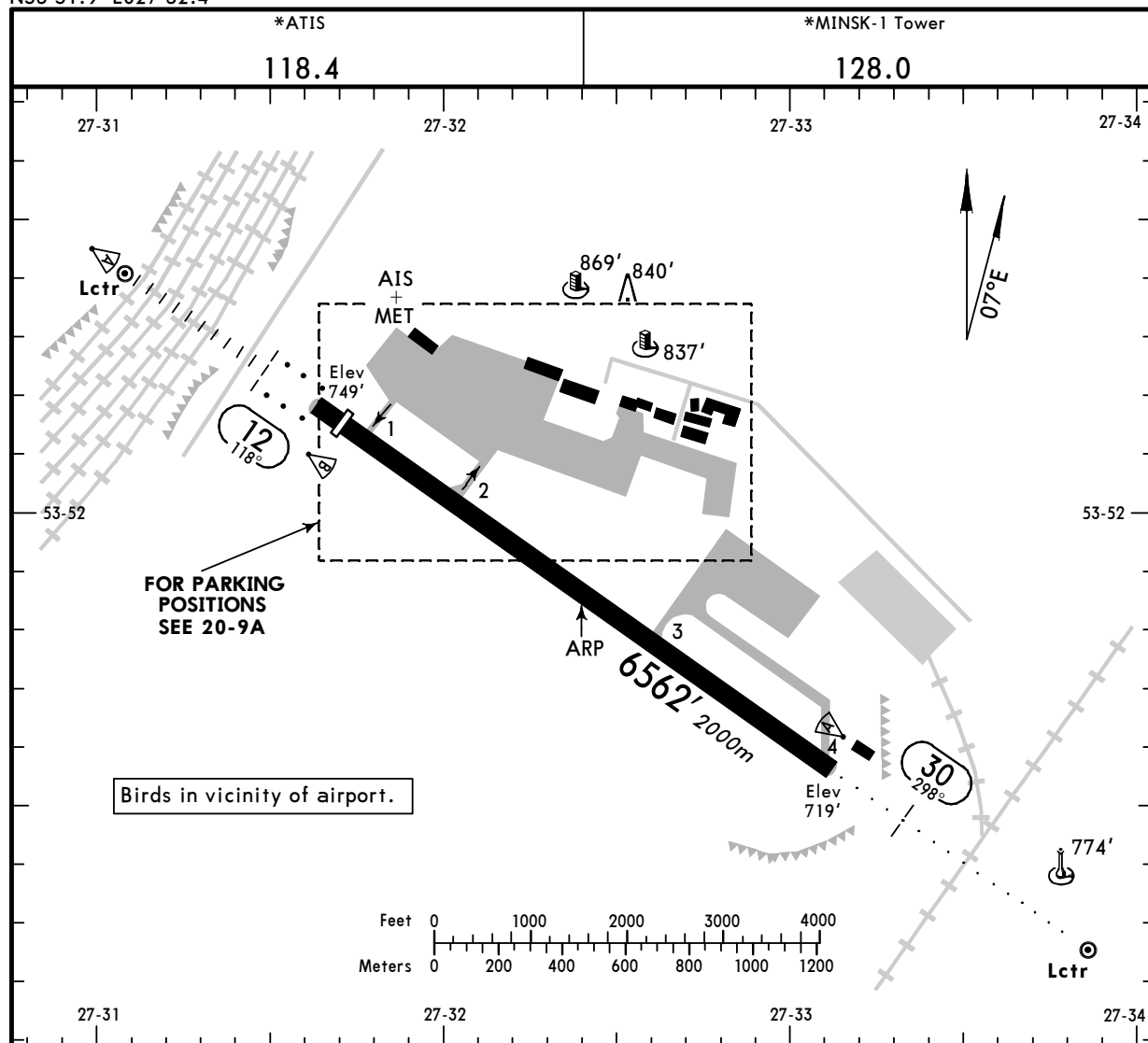
3 DEC 10

(20-9)

Eff 16 Dec

MINSK, BELARUS

MINSK-1



ADDITIONAL RUNWAY INFORMATION

RWY				RVR	USABLE LENGTHS		TAKE-OFF	WIDTH
					Threshold	Glide Slope		
12	30	RL (50m)	ALS		6234' 1900m	5483' 1671m		197' 60m

TAKE-OFF

AIR CARRIER (JAA)

All Rwy's

LVP must be in force

RCLM (DAY only)
or RL

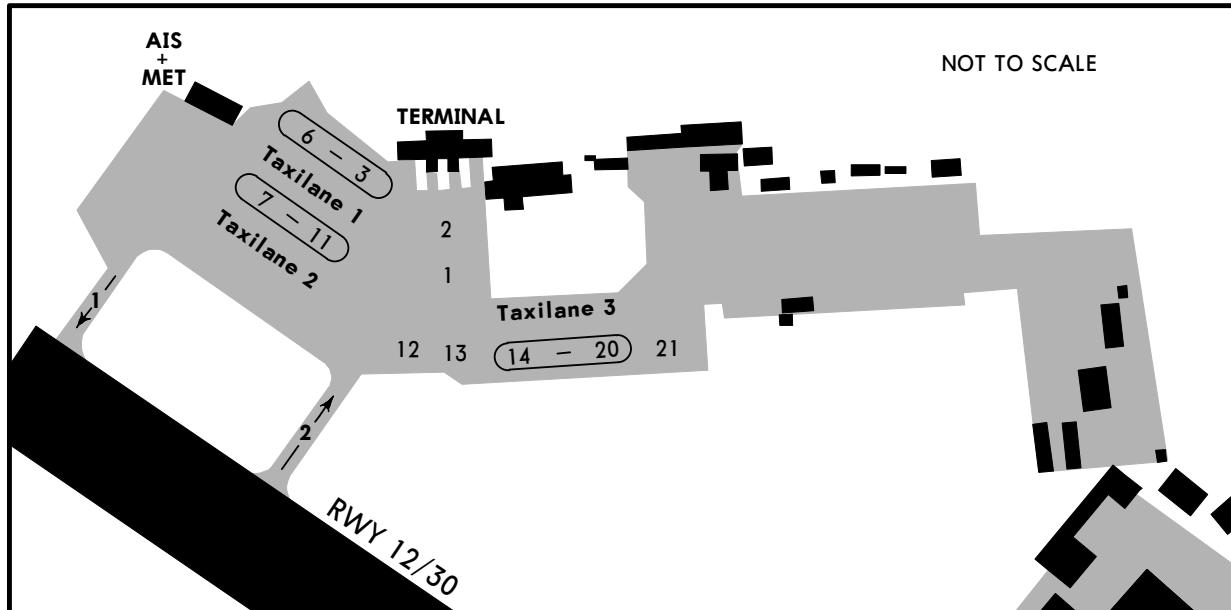
RCLM (DAY only)
or RL

A		
B	250m	400m
C		
D	300m	

UMMM/MHP

JEPPESEN
3 DEC 10 **(20-9A)** **Eff 16 Dec**

MINSK, BELARUS
MINSK-1



INS COORDINATES

STAND No.	COORDINATES
1, 2	N53 52.2 E027 32.1
3 thru 6	N53 52.3 E027 32.0
7, 8	N53 52.2 E027 31.9
9 thru 11	N53 52.2 E027 32.0

Stands 12, 14 thru 20 available for helicopters.
Parking onto stands 14 thru 20 is by towing and onto stand 17 by push-back.

TAXIING PROCEDURE

Taxiing and towing without permission of taxiing controller are prohibited.

UMMM/MHP

JEPPESEN
 27 OCT 00 **20-9X**

JAA MINIMUMS
MINSK, BELARUS
 MINSK-1

STRAIGHT-IN RWY		A	B	C	D
12	ILS	948' (200')	958' (210')	968' (220')	978' (230')
		R800m	R800m	R800m	R800m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	NDB	1600' (852')	1600' (852')	1600' (852')	1600' (852')
		R1500m	R1500m	R2000m	R2000m
30	NDB	1050' (331')	1050' (331')	1050' (331')	1050' (331')
		R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m

TAKE-OFF RWY 12, 30

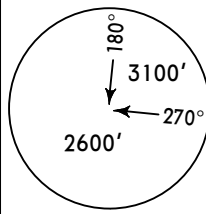
LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

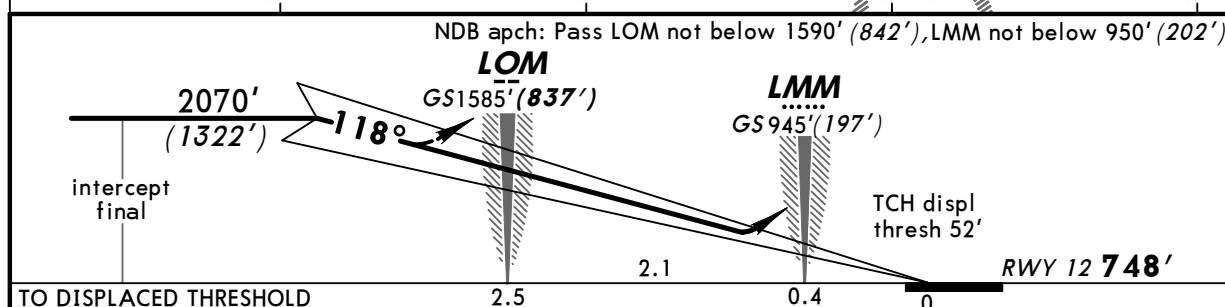
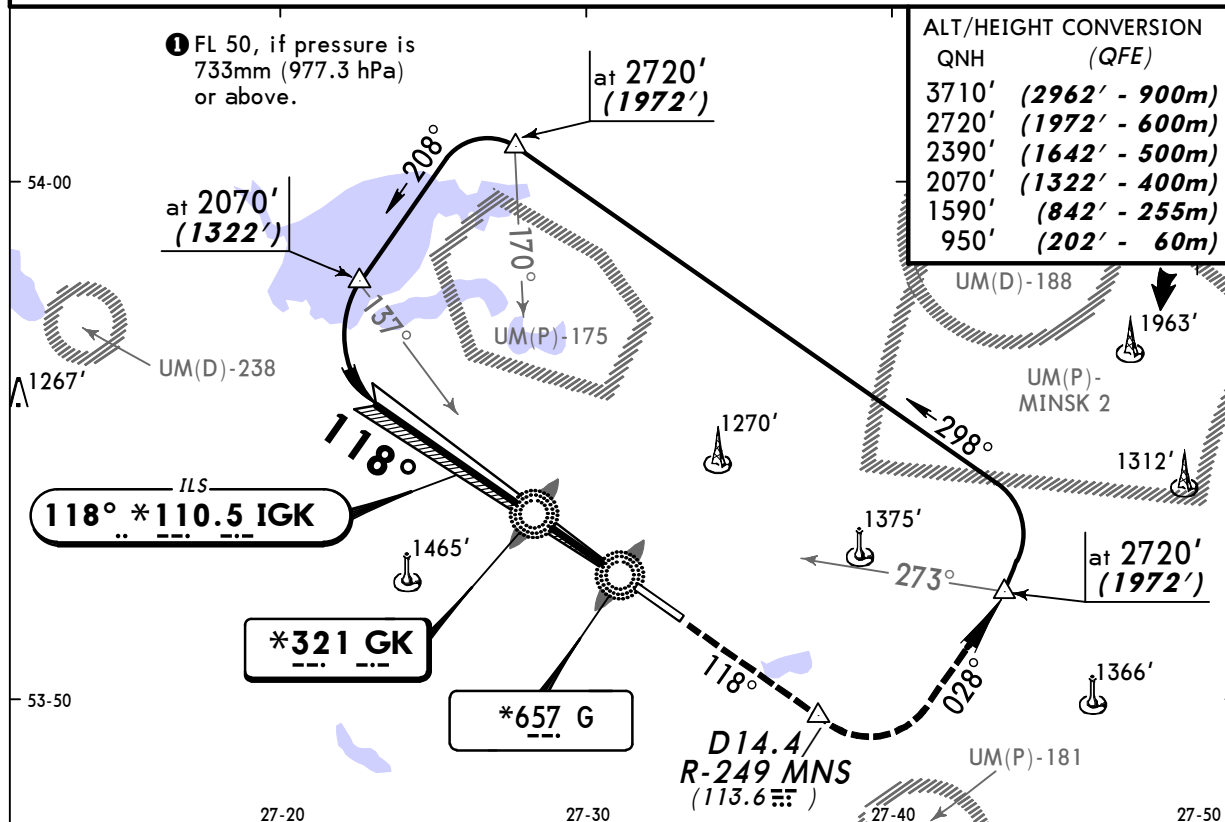
UMMM/MHP
MINSK-1

JEPPesen
5 NOV 10 **(21-1)** **Eff 18 Nov**

MINSK, BELARUS
ILS or 2 NDB Rwy 12

BRIEFING STRIP

*ATIS 118.4		*MINSK-1 Tower 128.0			
LOC IGK *110.5	Final Apch Crs 118°	GS LOM 1585' (837')	ILS DA(H) Refer to Minimums	Apt Elev 749'	
NDB GK *321		Minimum Alt No FAF	NDB MDA(H) 1600' (852')	RWY 748'	
MISSED APCH: Climb on 118° to 2390' (1642'). Not before 3.8 NM from ARP or D14.4/ R-249 MNS turn LEFT onto 028° climbing to 2720' (1972'), then according to chart.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 1 Trans alt: 3710' (2962') Procedure restricted to MAX 160 KT.					



TO DISPLACED THRESHOLD						
Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Descent angle 3.00°	377	484	538	646	753	861

STRAIGHT-IN LANDING RWY 12									
DA(H)		ILS		LOC		NDB			
A: 948'(200')		C: 968'(220')		(GS out)		MDA(H) 1600'(852')			
B: 958'(210')		D: 978'(230')							
FULL		ALS out						ALS out	
A	1200m			NOT AUTH		3200m			
B									
C						4000m			
D						4400m			

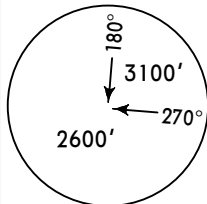
PANS OPS

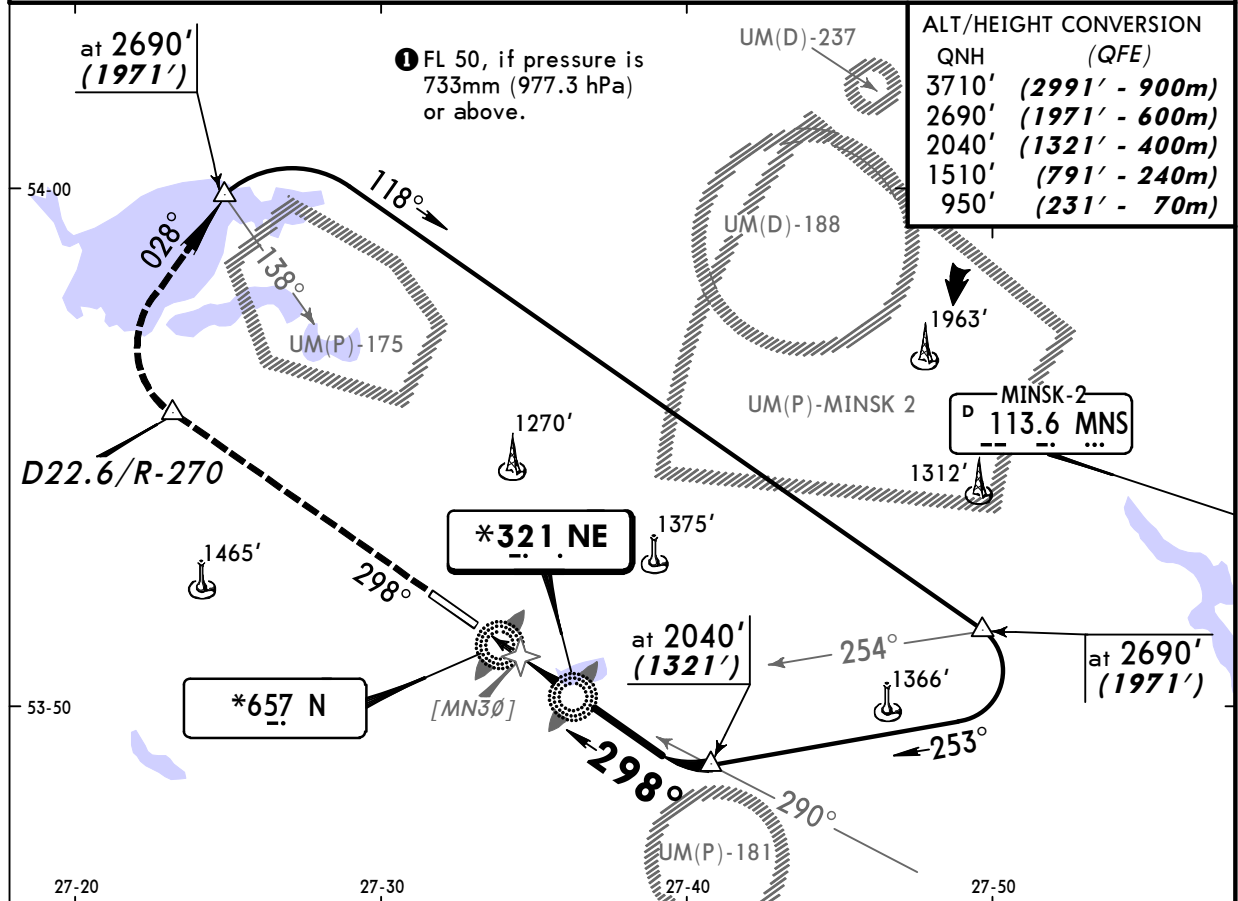
UMMM/MHP
MINSK-1

JEPPESEN
5 NOV 10 **(26-1)** **Eff 18 Nov**

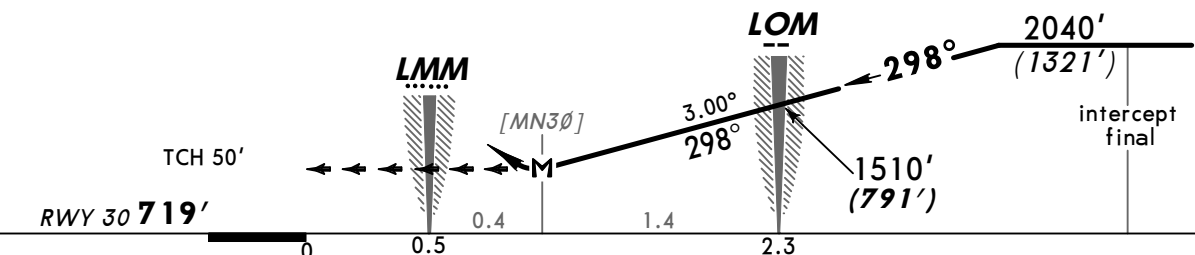
MINSK, BELARUS
2 NDB Rwy 30

BRIEFING STRIP

*ATIS 118.4			*MINSK-1 Tower 128.0		
NDB NE *321	Final Apch Crs 298°	Minimum Alt LOM 1510' (791')	MDA(H) 1050' (331')	Apt Elev 749' RWY 719'	
MISSED APCH: Climb on 298° to 2690' (1971'). Not before 6.5 NM from ARP or D22.6/R-270 turn RIGHT onto 028°, then according to chart.					 MSA ARP
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 60 1	
Procedure restricted to MAX 160 KT.				Trans alt: 3710' (2991')	



Pass LMM not below 950' (231').



Gnd speed-Kts	70	90	100	120	140	160
Descent angle 3.00°	372	478	531	637	743	849
LOM to MAP 1.4	1:12	0:56	0:50	0:42	0:36	0:31

ALS	2690' (1971') on 298°
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STRAIGHT-IN LANDING RWY 30

MDA(H) **1050' (331')**

ALS out

PANS OPS

A	RVR 1500m VIS 1600m	
B		
C		
D		