

Page 1

Changed chart(s) since Disc 16-2010

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 16-2010

TERMINAL CHART NOTAMs

Chart NOTAMs for Airport UMMM

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

(21-1) Missed apch turning point D26.6/R-249 MNS should read D14.4/R-249 MNS. (26-1) Missed apch turning point D41.9/R-270 should read D22.6/R-270.

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'

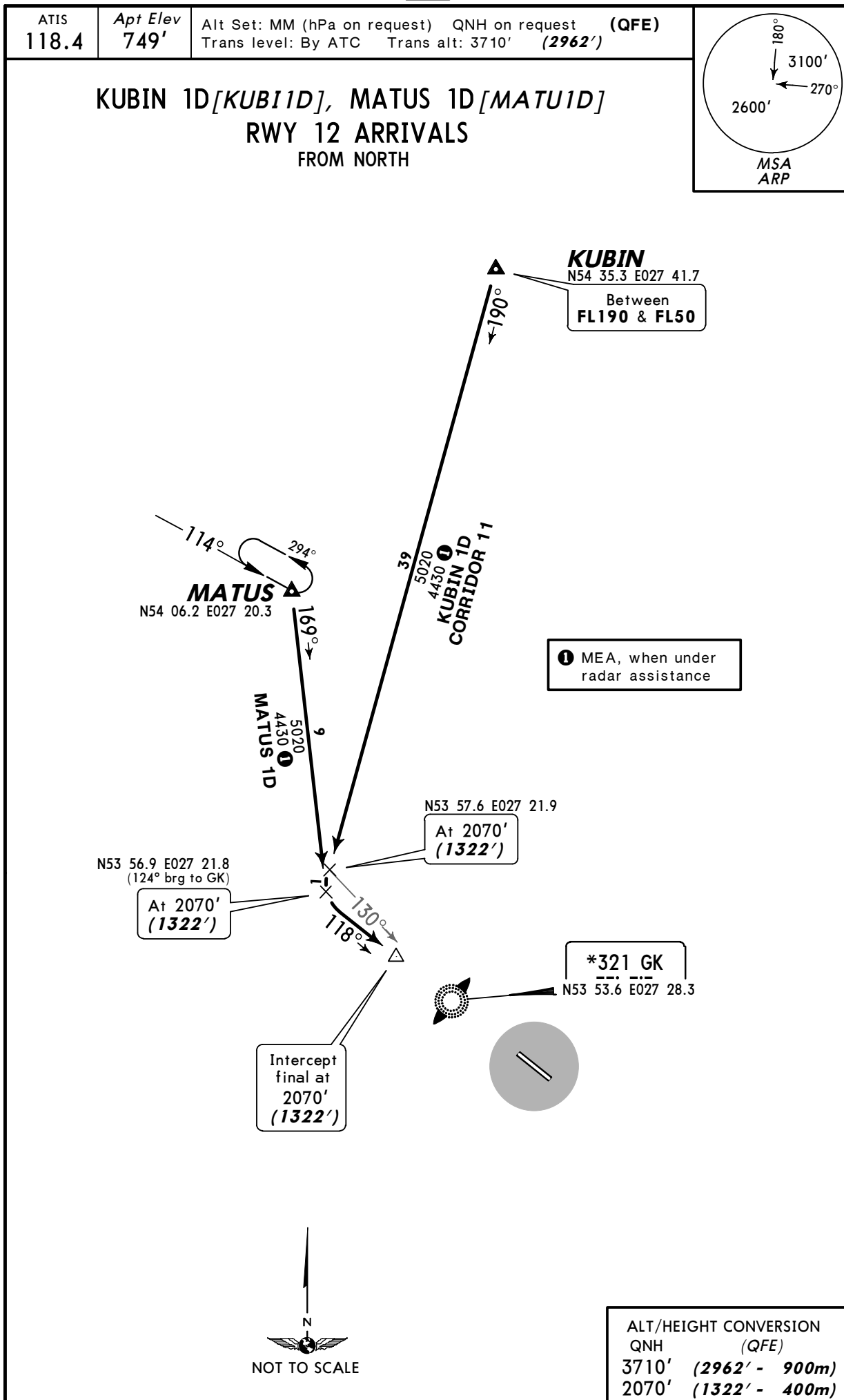
Lights: Edge, ALS

Communications InfoATIS **118.4**Minsk 1 Start Tower **128.0**Minsk Radar Approach Control **125.25** Non-EnglishMinsk Approach Control **125.9****Notebook Info**

UMMM/MHP
MINSK-1

JEPPESEN
4 DEC 09 **20-2** Eff 17 Dec

MINSK, BELARUS
STAR



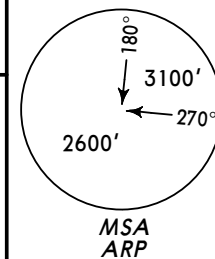
UMMM/MHP
MINSK-1

JEPPesen
4 DEC 09 **(20-2A)** Eff 17 Dec

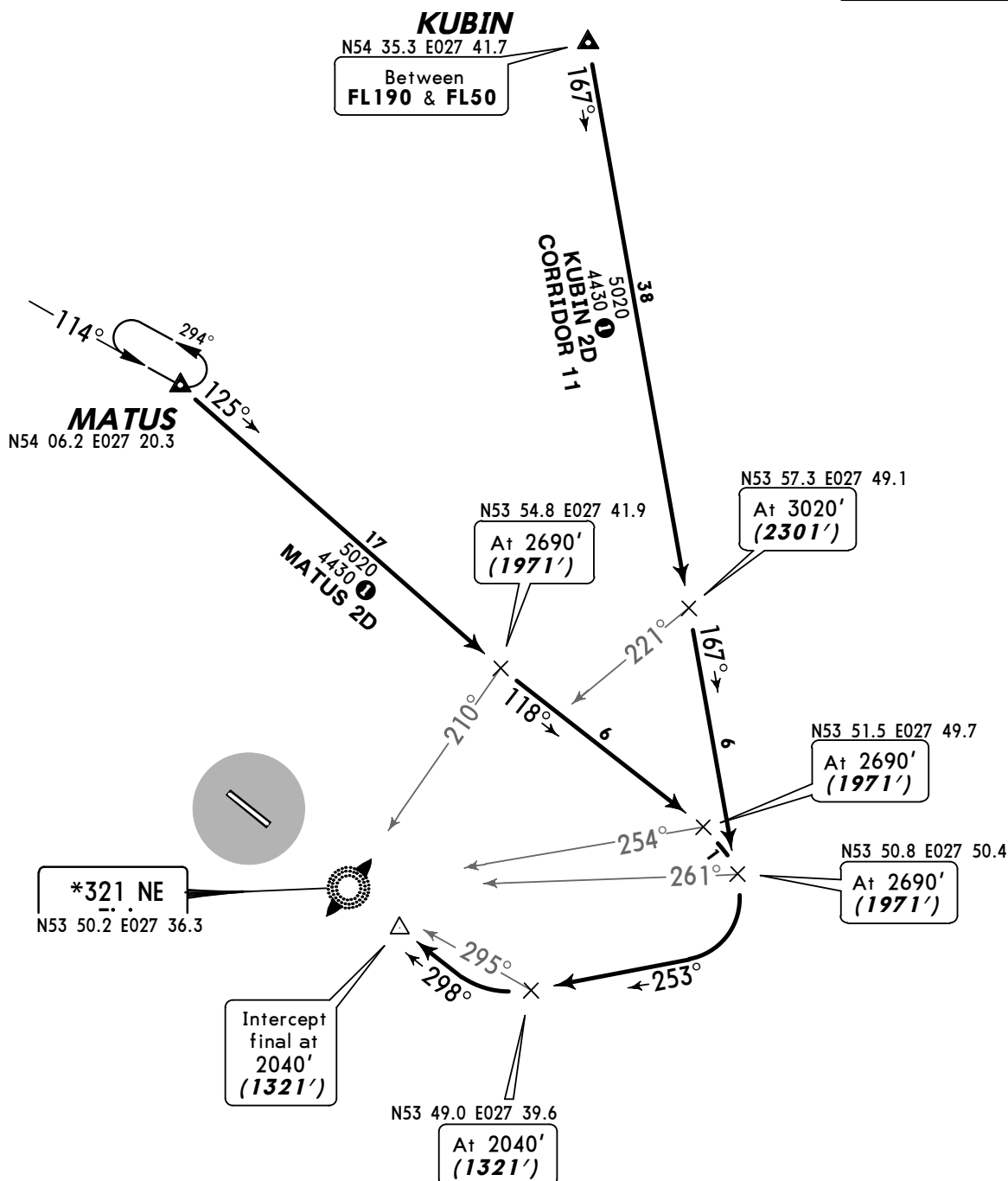
MINSK, BELARUS

STAR

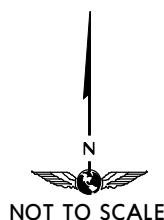
ATIS **118.4** Apt Elev **749'** Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 3710' (**2991'**)



KUBIN 2D [KUBI2D], MATUS 2D [MATU2D]
RWY 30 ARRIVALS
FROM NORTH



① MEA, when under radar assistance

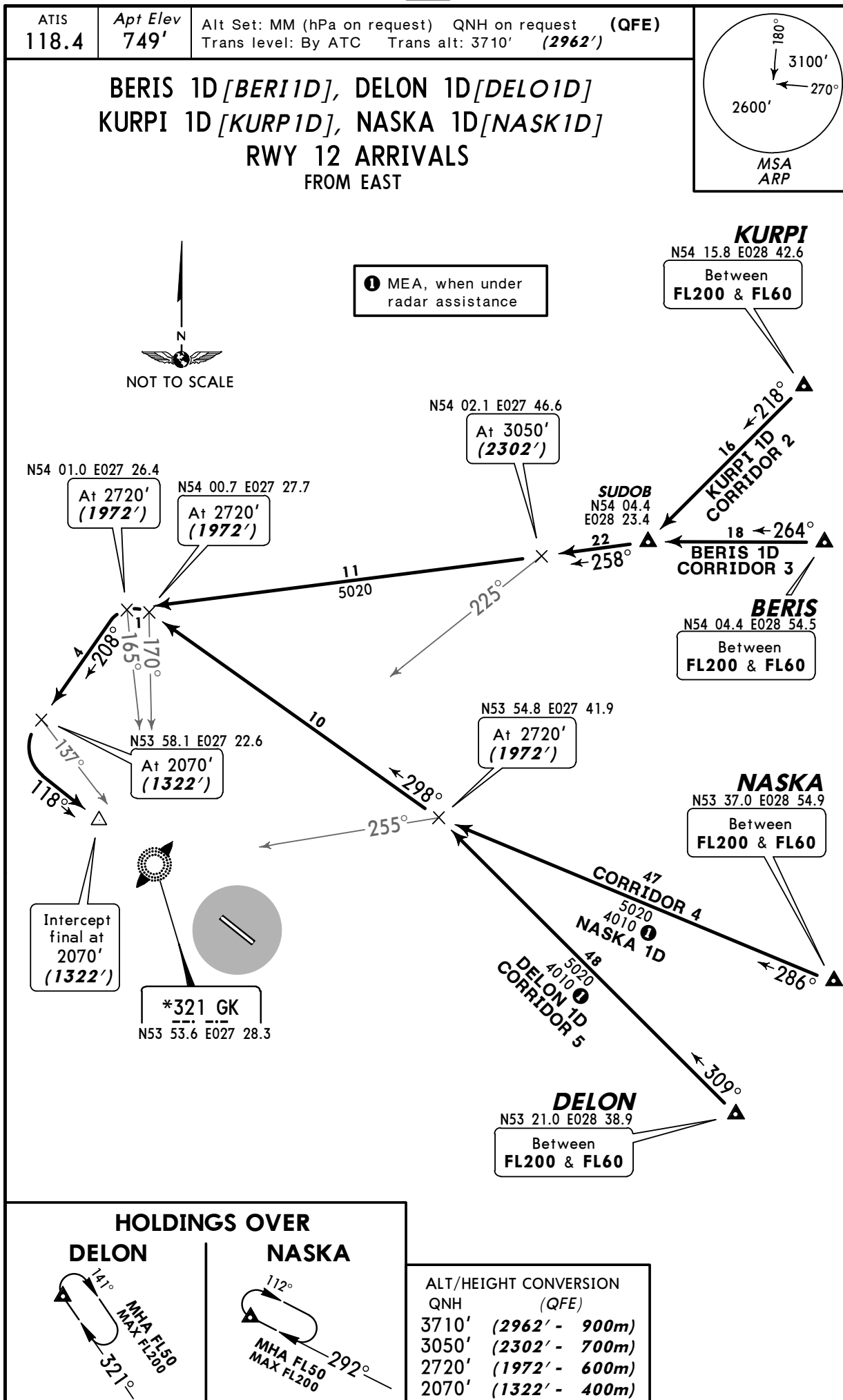


ALT/HEIGHT CONVERSION		
QNH	(QFE)	
3710'	(2991' -	900m)
3020'	(2301' -	700m)
2690'	(1971' -	600m)
2040'	(1321' -	400m)

UMMM/MHP
MINSK-1

JEPPesen
4 DEC 09 **(20-2B)** Eff 17 Dec

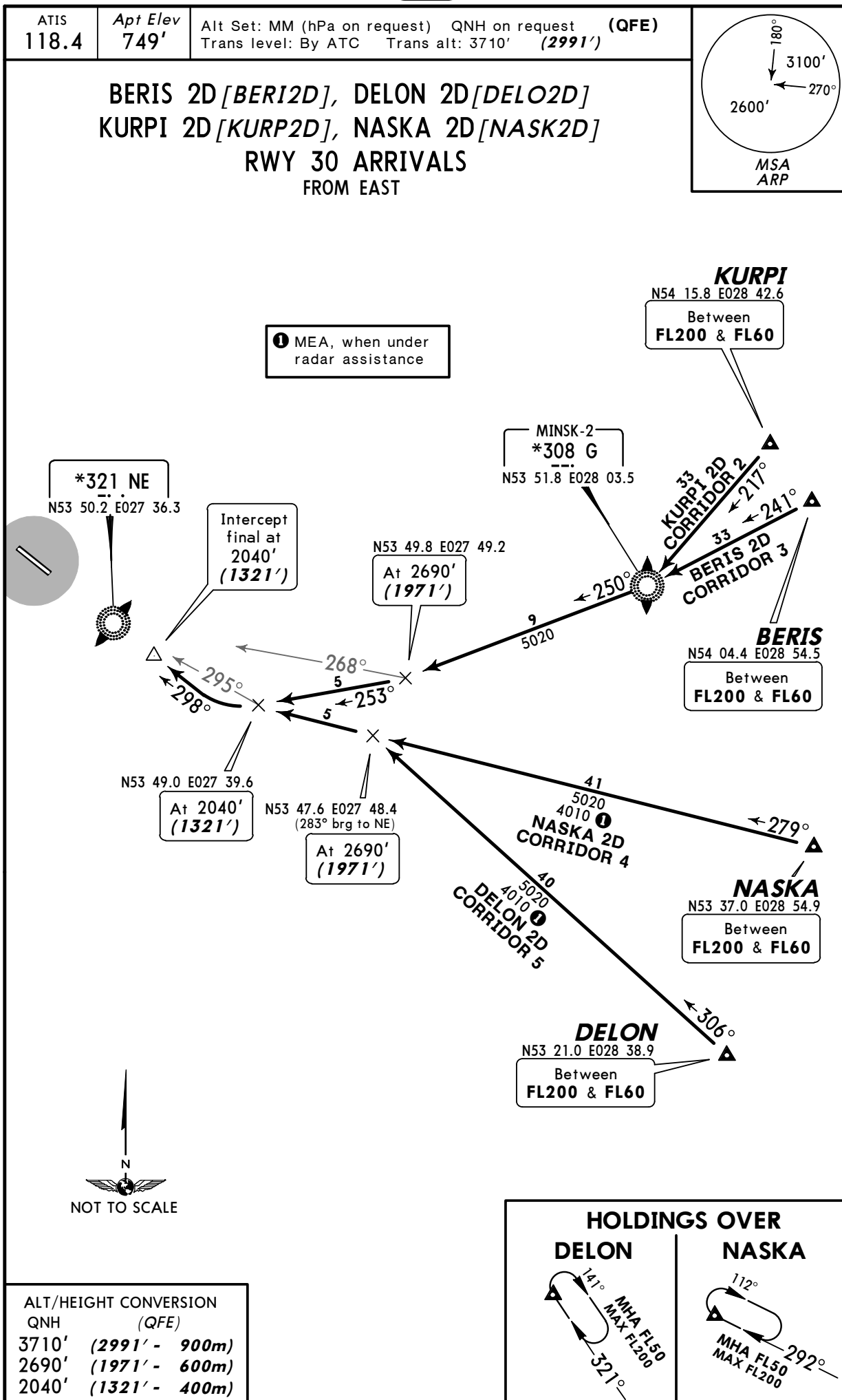
MINSK, BELARUS
STAR



UMMM/MHP
MINSK-1

JEPPesen
4 DEC 09 **20-2C** Eff 17 Dec

MINSK, BELARUS
STAR



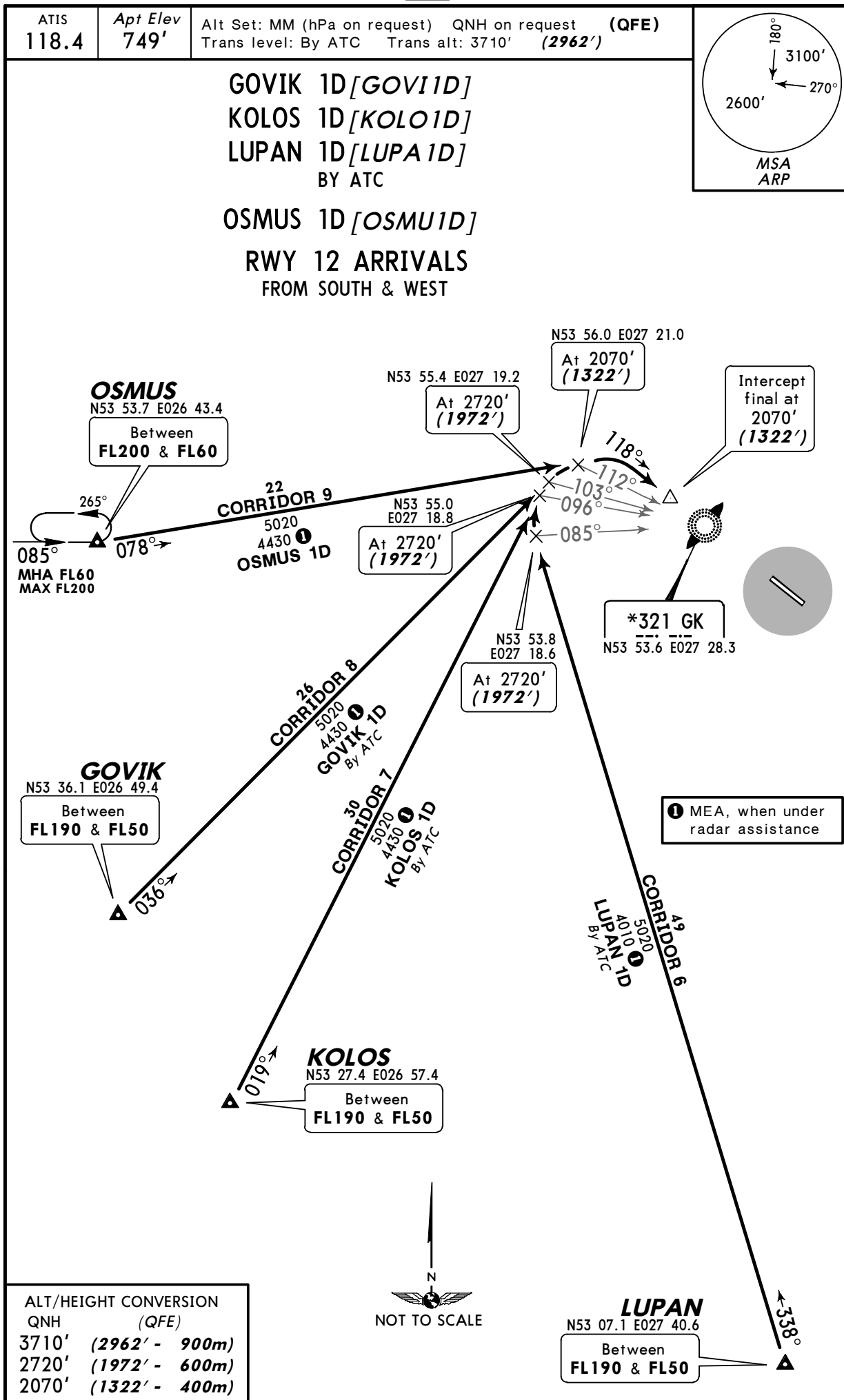
CHANGES: ATIS commissioned.

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UMMM/MHP
MINSK-1

JEPPESSEN
21 MAY 10 **(20-2D)** **Eff 3 Jun**

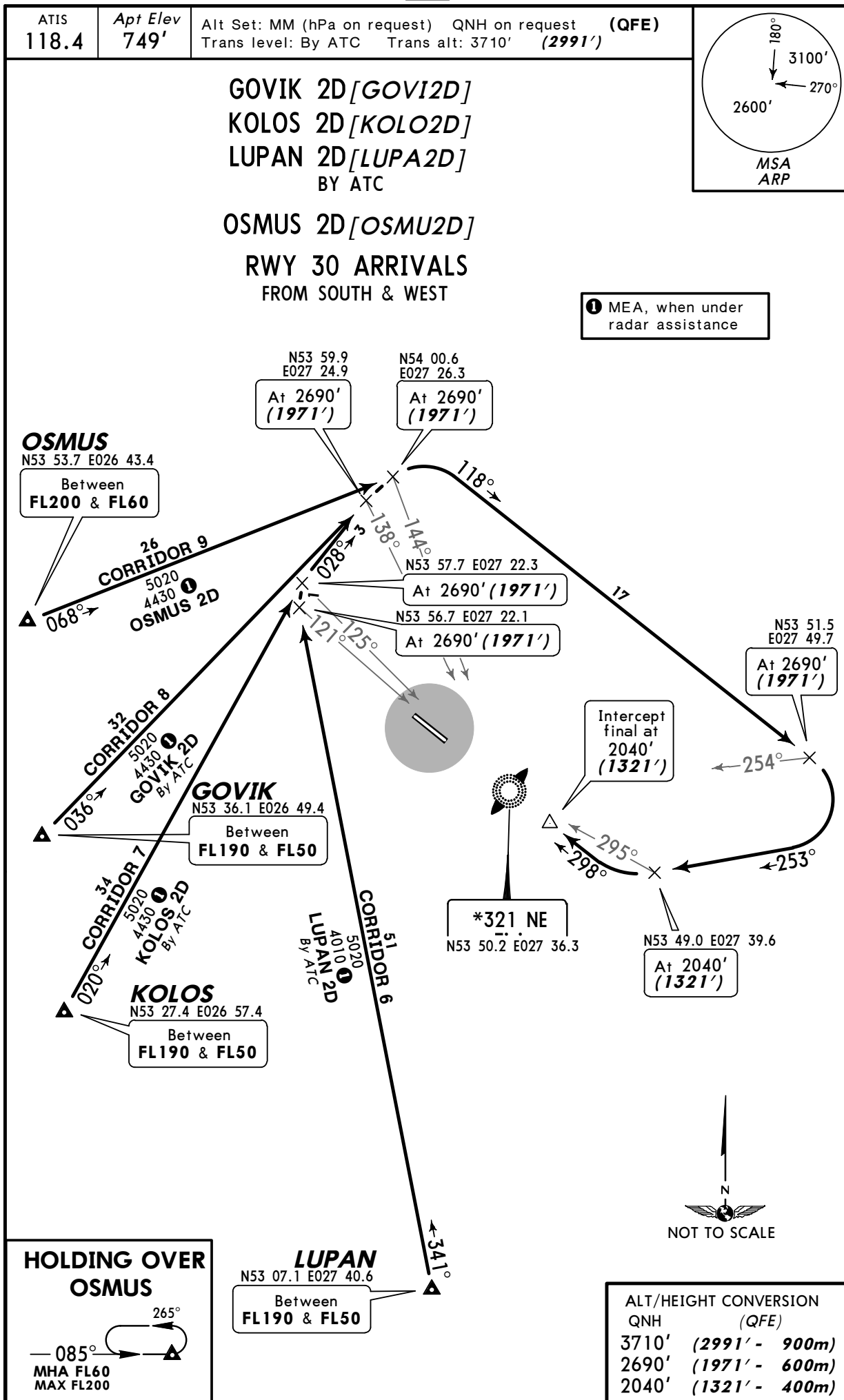
MINSK, BELARUS
STAR



UMMM/MHP
MINSK-1

JEPPESEN
21 MAY 10 **20-2E** **Eff 3 Jun**

MINSK, BELARUS
STAR



UMMM/MHP
MINSK-1

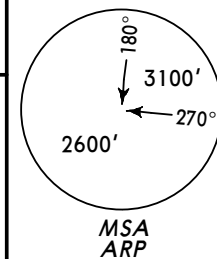
JEPPesen
4 DEC 09 **20-3** Eff 17 Dec

MINSK, BELARUS

SID

Apt Elev
749'

QNH on request (QFE)
Trans level: By ATC 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 & FL200

① By ATC.

KUBIN
N54 35.3 E027 41.7
Between
FL60 & FL200

PENAL
N54 31.1 E028 31.3
Between
FL50 & FL190



***321 GK**
N53 53.6 E027 28.3

N53 58.2 E027 33.7

LIRNI
N54 10.0
E028 59.9

N53 52.1 E027 43.7
At 3050'
(2302')

N53 49.7 E027 37.6
At 2390'
(1642')

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

UMMM/MHP
MINSK-1

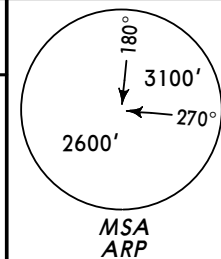
JEPPESSEN
4 DEC 09 (20-3A) Eff 17 Dec

MINSK, BELARUS

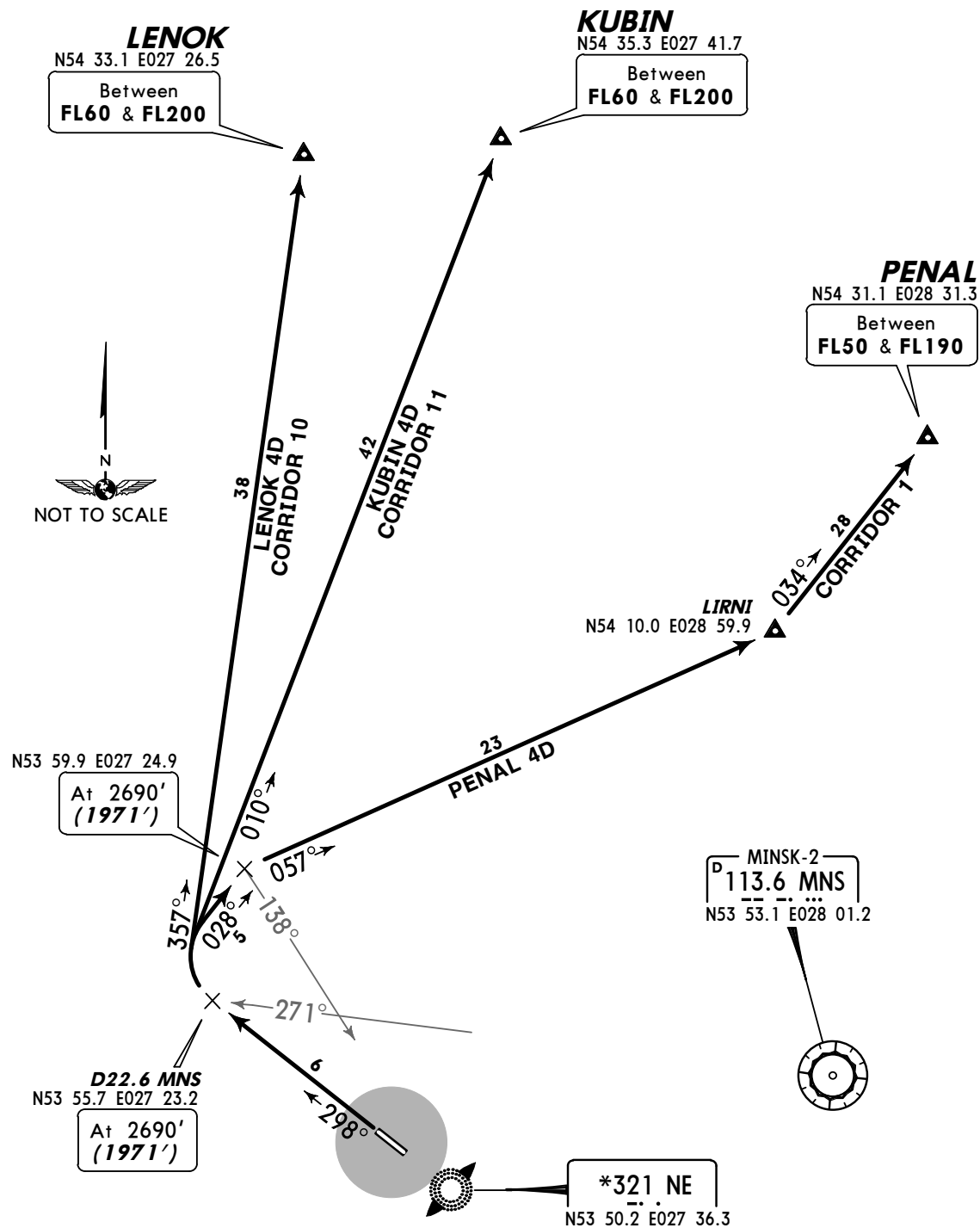
SID

Apt Elev
749'

QNH on request **(QFE)**
Trans level: By ATC 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)

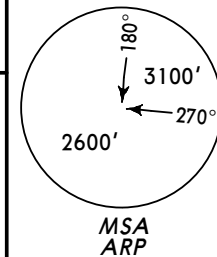
3710' (2991' - 900m)

UMMM/MHP
MINSK-1

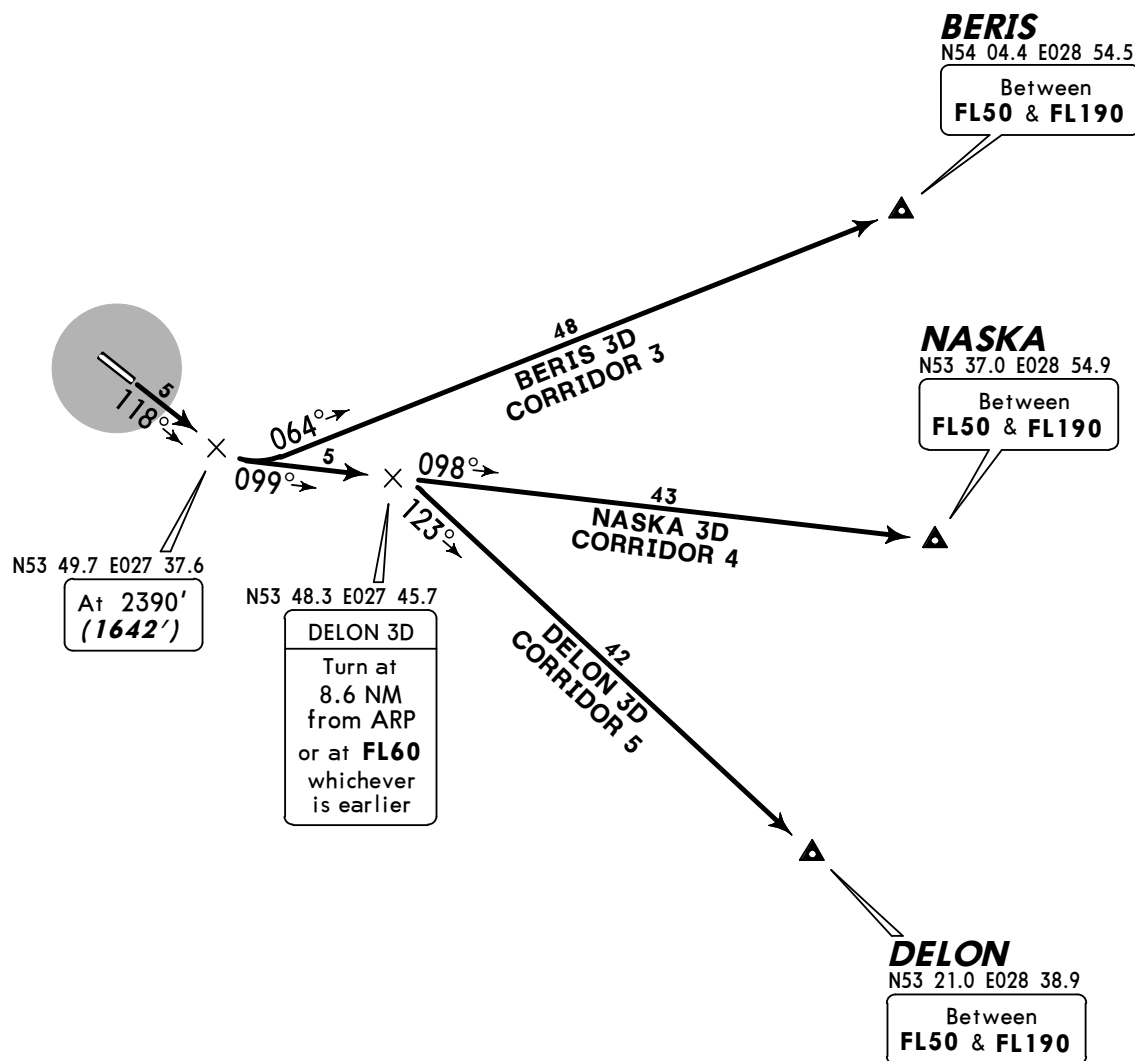
JEPPESEN
4 DEC 09 **(20-3B)** Eff 17 Dec

MINSK, BELARUS
SID

Apt Elev **749'** QNH on request **(QFE)**
Trans level: By ATC 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

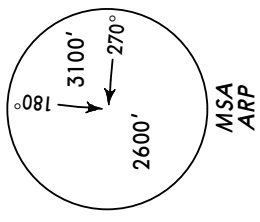
JEPPESSEN
4 DEC 09 (20-3C) Eff 17 Dec

MINSK, BELARUS

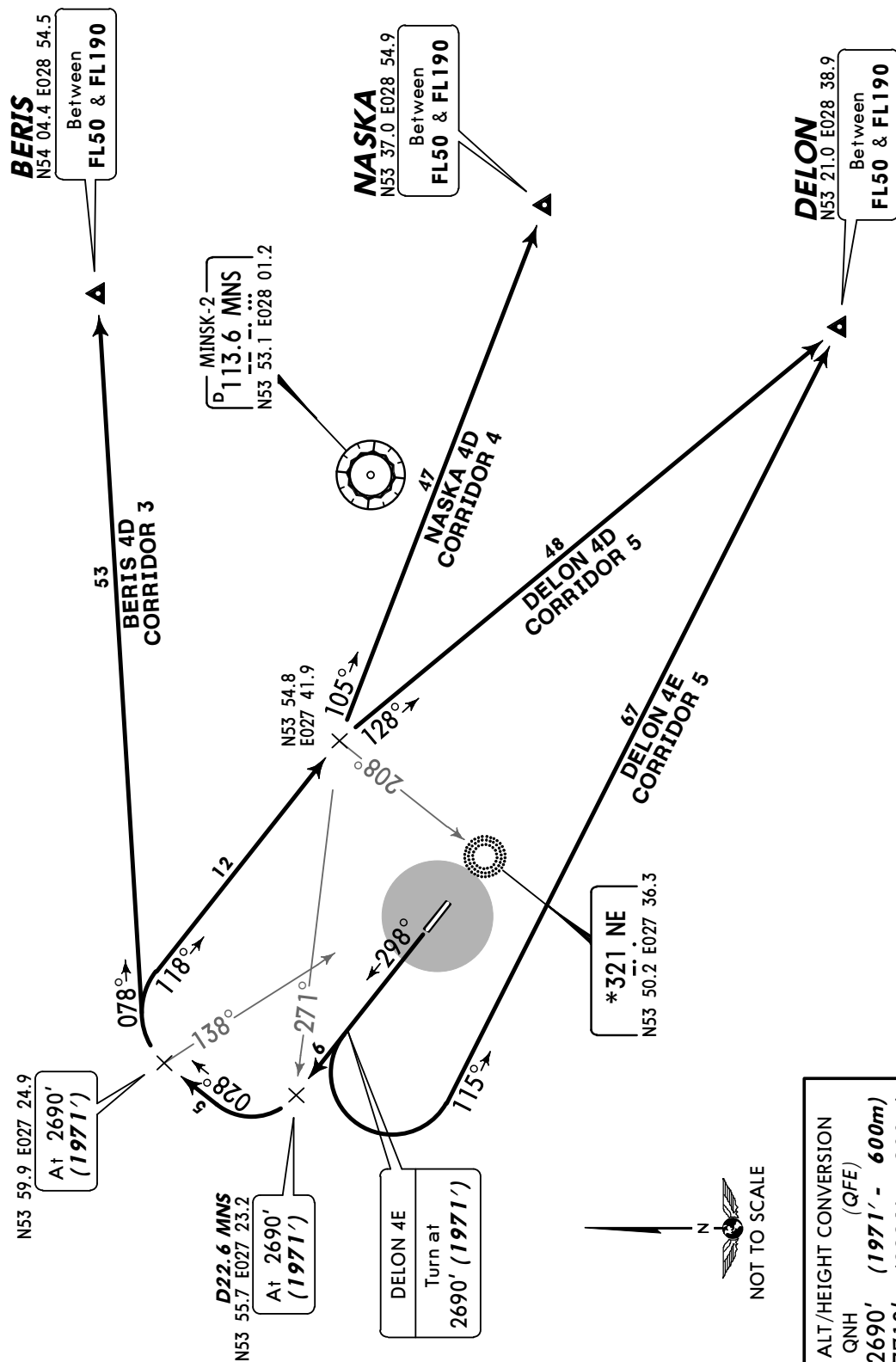
SID

Apt Elev
749'

QNH on request **(QFE)**
Trans level: By ATC 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)

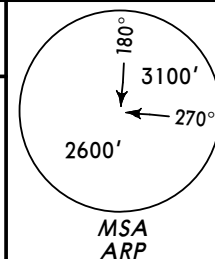
UMMM/MHP
MINSK-1

JEPPesen
21 MAY 10 **(20-3D)** **Eff 3 Jun**

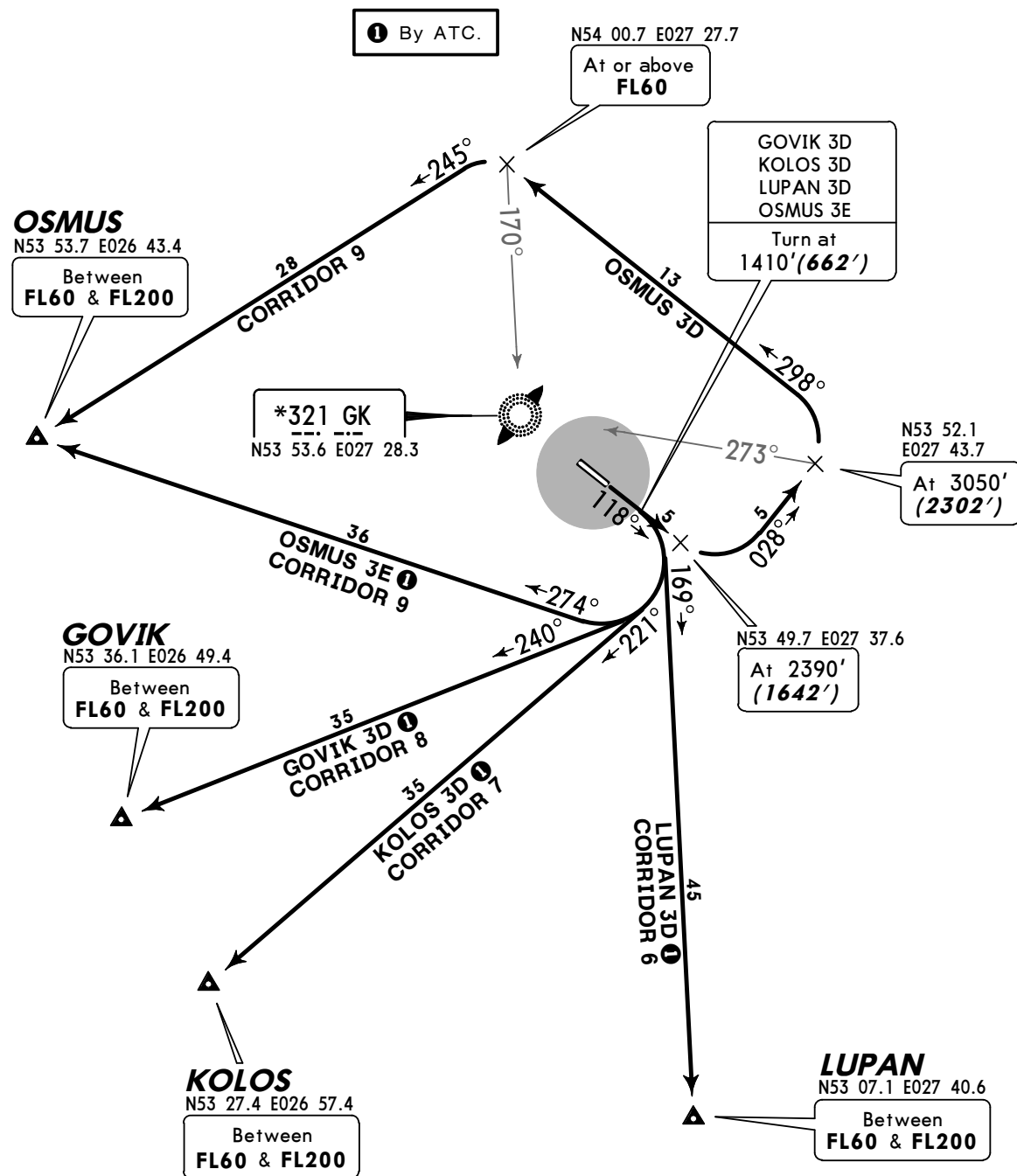
MINSK, BELARUS
SID

Apt Elev
749'

QNH on request **(QFE)**
Trans level: By ATC 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



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

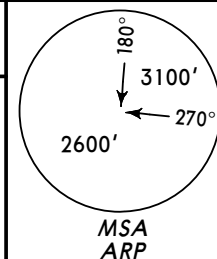


UMMM/MHP
MINSK-1

JEPPESEN
 21 MAY 10 **(20-3E)** **Eff 3 Jun**

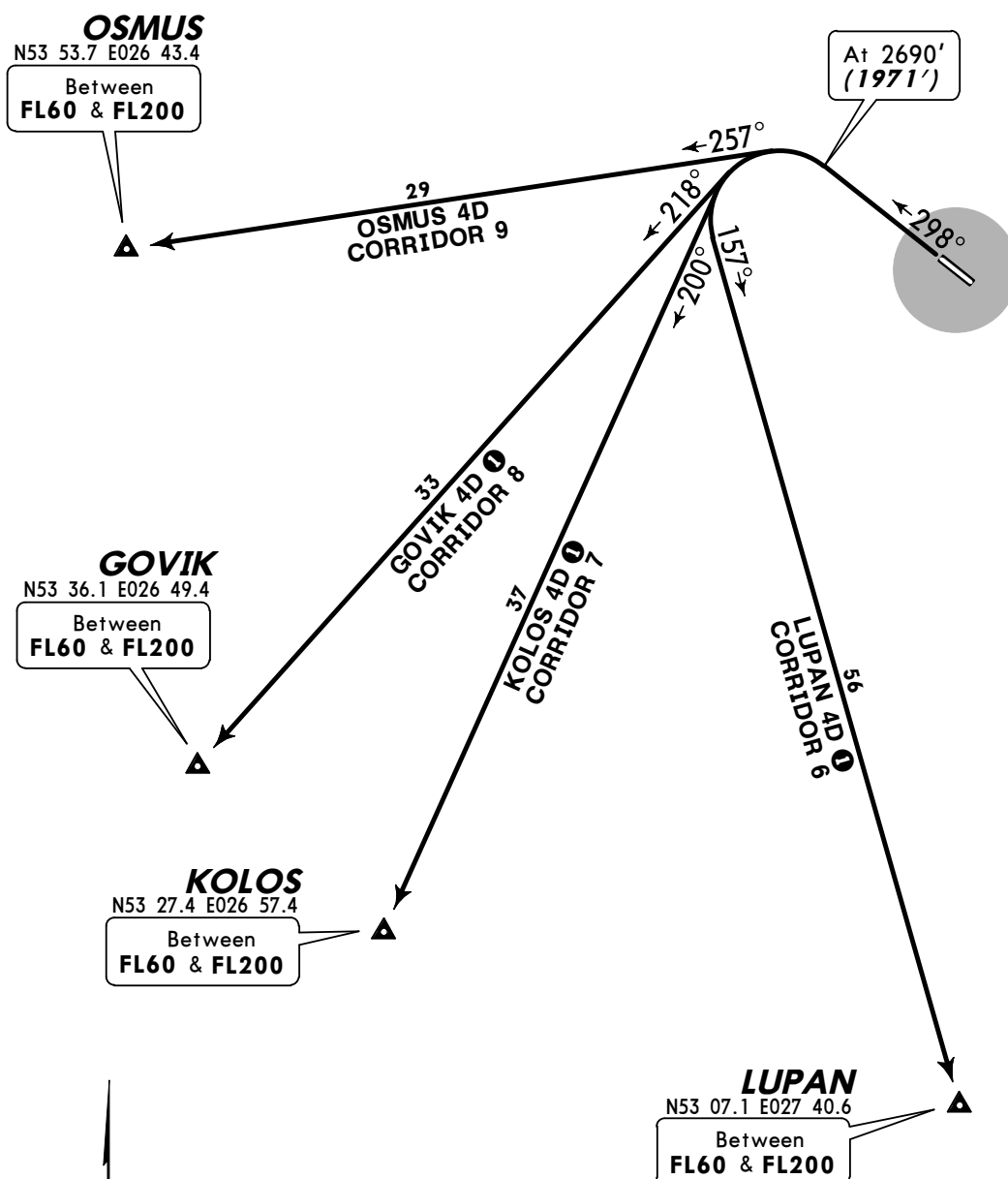
MINSK, BELARUS
SID

Apt Elev
749' QNH on request **(QFE)**
 Trans level: By ATC 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

JEPPesen

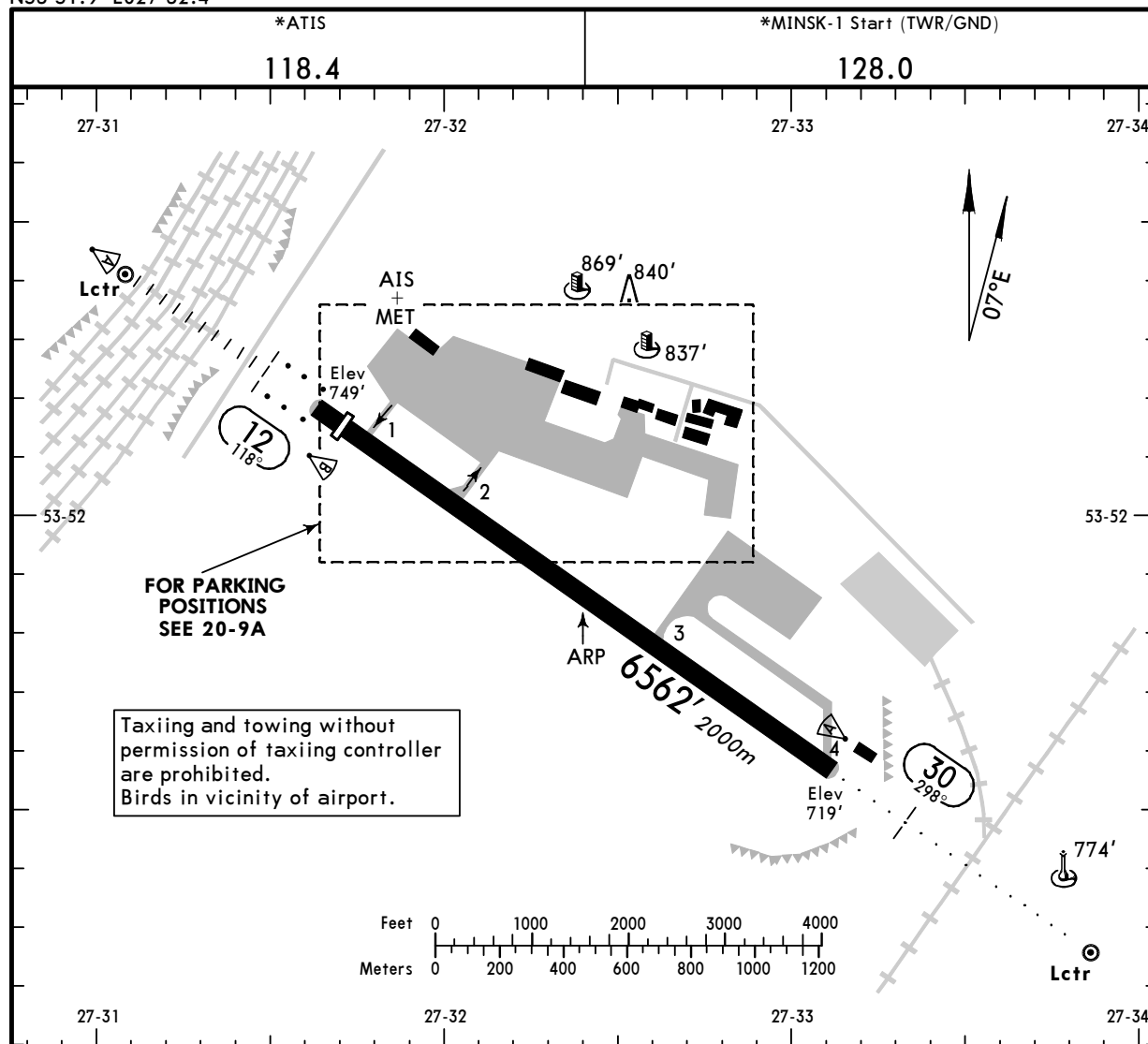
4 DEC 09

(20-9)

Eff 17 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 Rwys

LVP must be in force

RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

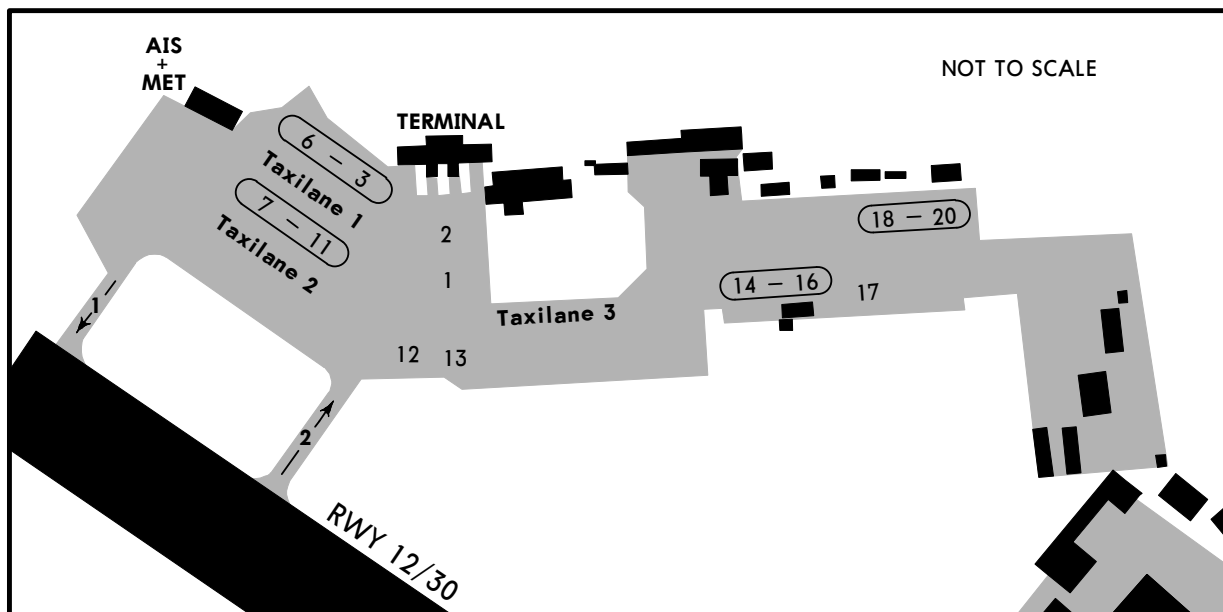
A		
B	250m	400m
C		
D	300m	

UMMM/MHP

JEPPESEN
4 DEC 09 **(20-9A)** Eff 17 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

Taxiing and towing without permission of taxiing controller are prohibited.
Stands 12, 14 thru 16 and 18 thru 20 available for helicopters.

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
4 DEC 09 **(21-1)** Eff 17 Dec

MINSK, BELARUS
ILS or 2 NDB Rwy 12

BRIEFING STRIP

*ATIS

118.4

LOC
IGK

*110.5

NDB
GK

*321

Final
Apch Crs

118°

GS
LOM

1585' (837')

Minimum Alt
No FAF

ILS
DA(H)
Refer to
Minimums

NDB
MDA(H)
1600' (852')

*Ground

128.0

Apt Elev 749'

RWY 748'

180°

3100'

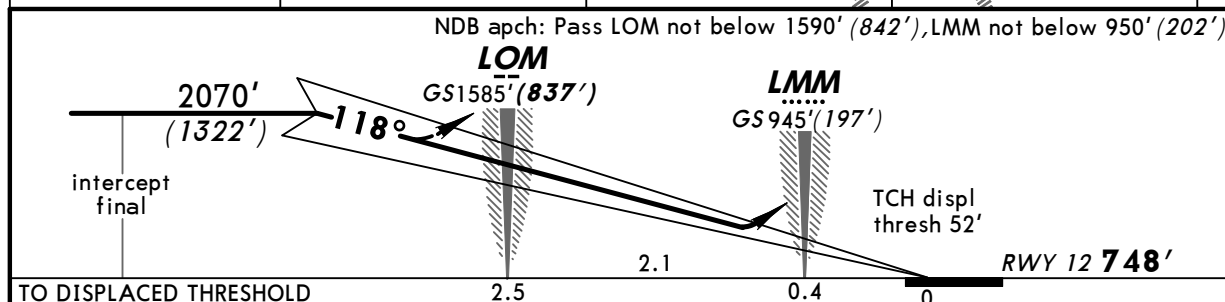
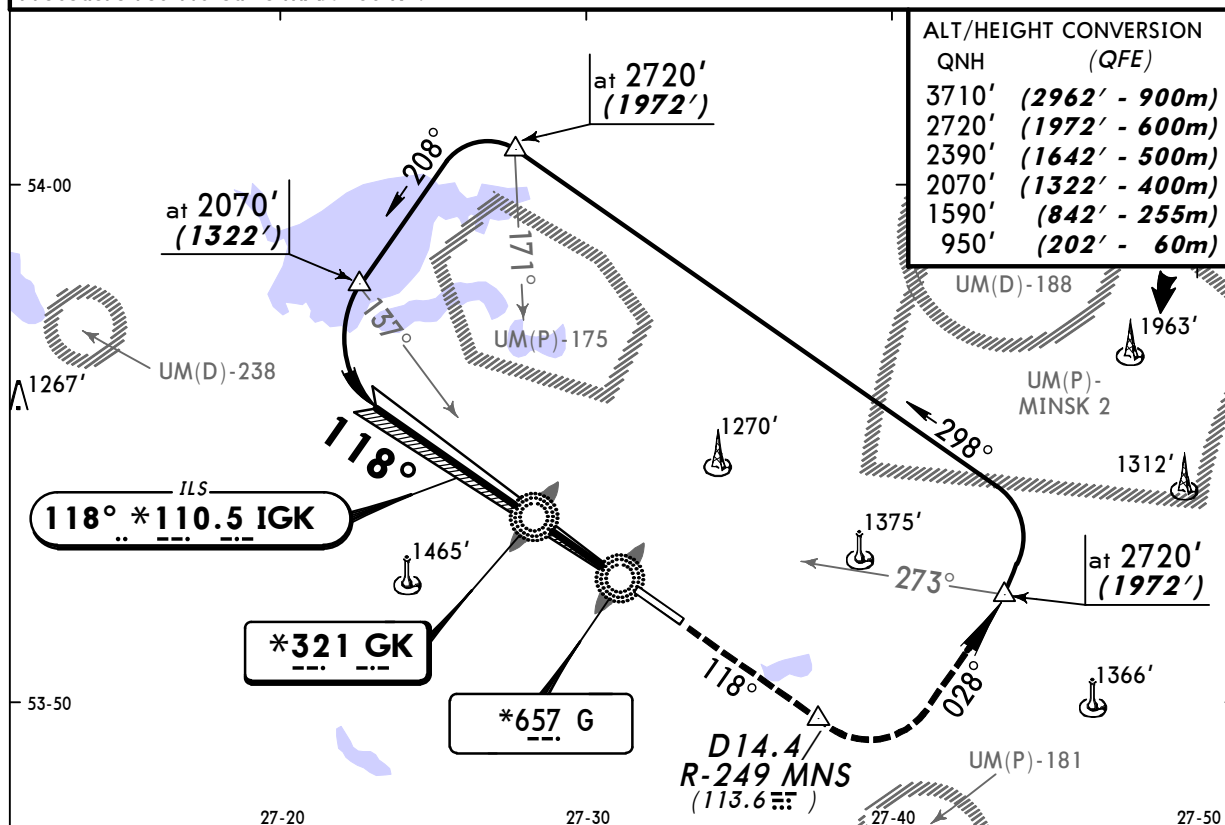
270°

2600'

MSA
ARP

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: By ATC Trans alt: 3710' (2962')
Procedure restricted to MAX 160 KT.



Gnd speed-Kts	70	90	100	120	140	160	ALS	2390' (1642') on 118°
ILS GS or NDB Descent angle 3.00°	377	484	538	646	753	861		

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

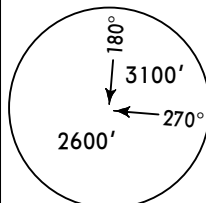
PANS OPS

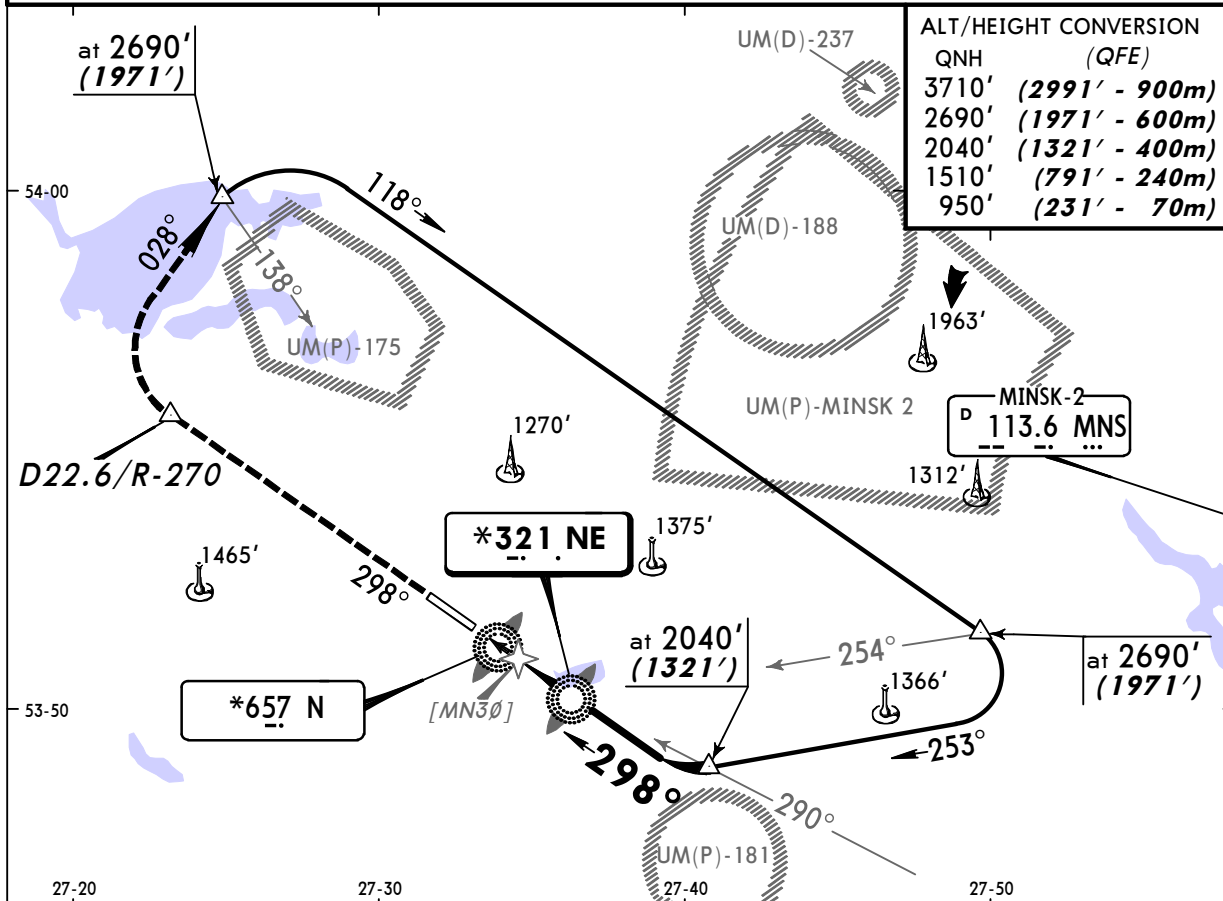
UMMM/MHP
MINSK-1

JEPPESEN
4 DEC 09 **(26-1)** Eff 17 Dec

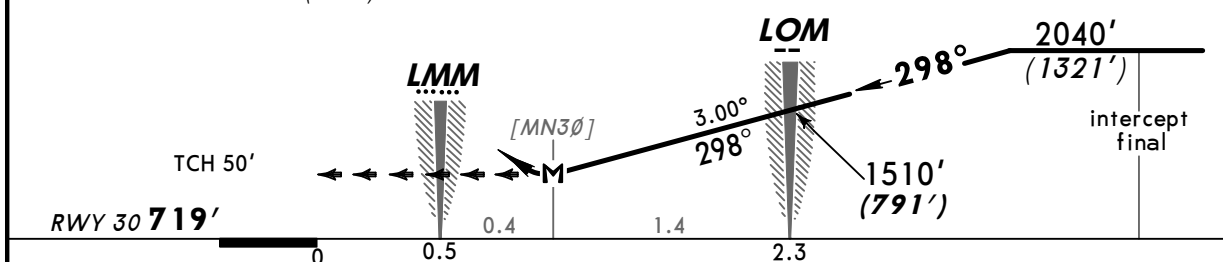
MINSK, BELARUS
2 NDB Rwy 30

BRIEFING STRIP

*ATIS 118.4		*MINSK-1 Start (TWR) 128.0		*Ground 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 3.8 NM from ARP or D22.6/R-270 turn RIGHT onto 028°, then according to chart.						
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 3710' (2991')						
Procedure restricted to MAX 160 KT.						



Pass LMM not below 950' (231').



Gnd speed-Kts	70	90	100	120	140	160	ALS	2690' (1971') on 298°
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		

STRAIGHT-IN LANDING RWY 30

MDA(H) 1050' (331')

ALS out

PANS OPS

A	RVR 1500m VIS 1600m	
B		
C		
D		