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

No revision activity since Disc 16-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UMBB

General Info

Brest, BLR
N 52° 06.5' E 23° 53.8' Mag Var: 4.4°E
Elevation: 468'

Public, IFR, 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 11-29 8609' x 138' asphalt

Runway 11 (108.0°M) TDZE 453'
  Lights: Edge, ALS
Runway 29 (288.0°M) TDZE 463'
  Lights: Edge, ALS

Communications Info

Brest Approach Control **127.7**

Notebook Info

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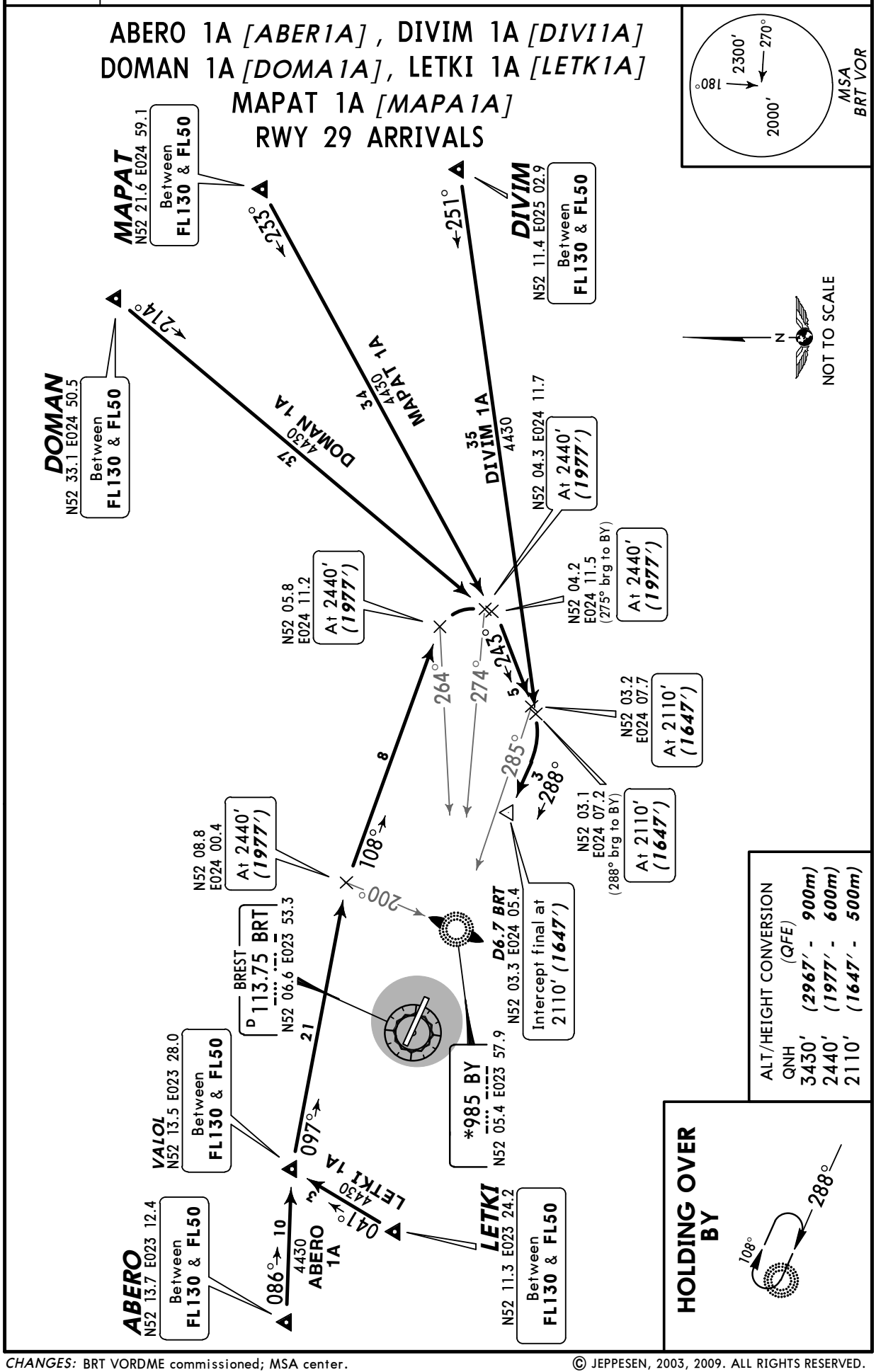
UMBB/BQT
BREST

JEPPESEN
4 DEC 09 (10-2) Eff 17 Dec

BREST, BELARUS
STAR

Apt Elev 468′	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: 3430′ ***(2967′)***

ABERO 1A *[ABER1A]*, DIVIM 1A *[DIVI1A]*
DOMAN 1A *[DOMA1A]*, LETKI 1A *[LETK1A]*
MAPAT 1A *[MAPA1A]*
RWY 29 ARRIVALS



CHANGES: BRT VORDME commissioned; MSA center.

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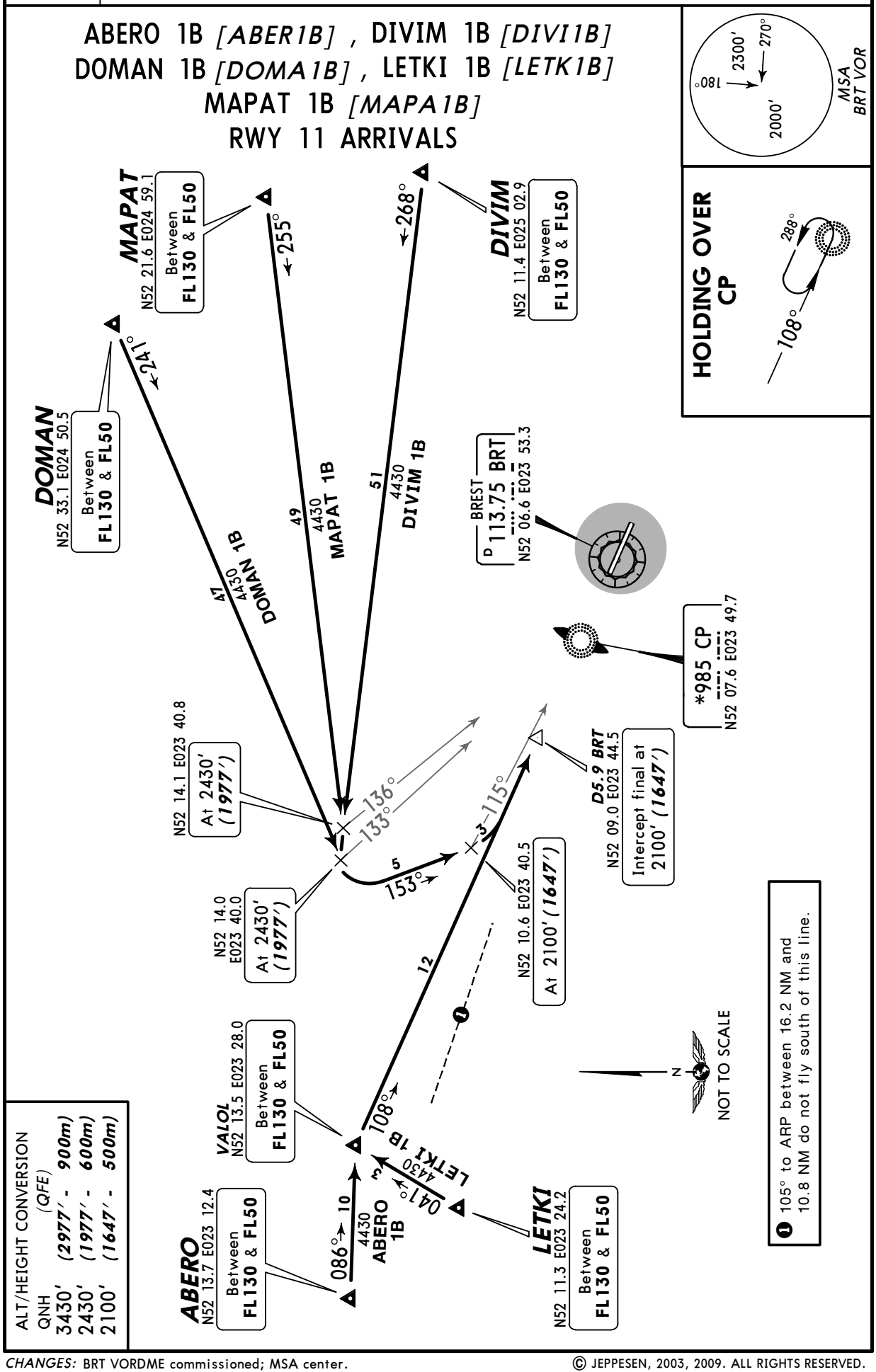
UMBB/BQT
BREST

JEPPESEN
4 DEC 09 (10-2A) Eff 17 Dec

BREST, BELARUS
STAR

Apt Elev 468′	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: 3430′ ***(2977′)***

ABERO 1B *[ABER1B]* , DIVIM 1B *[DIVI1B]*
DOMAN 1B *[DOMA1B]* , LETKI 1B *[LETK1B]*
MAPAT 1B *[MAPA1B]*
RWY 11 ARRIVALS



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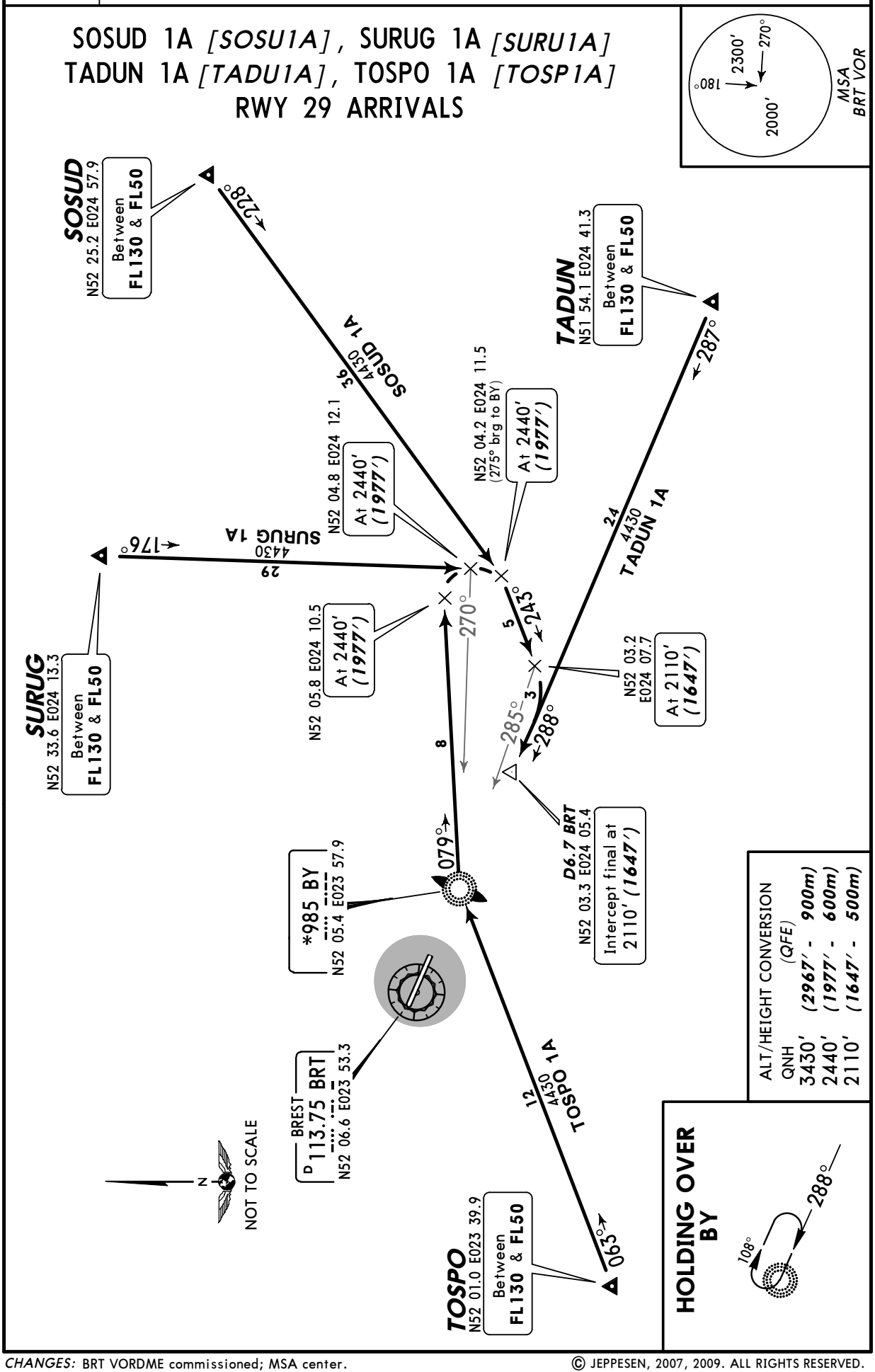
BREST

JEPPESEN
4 DEC 09 (10-2B) Eff 17 Dec

BREST, BELARUS
STAR

Apt Elev 468′	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: 3430′ ***(2967′)***

SOSUD 1A *[SOSU1A]*, SURUG 1A *[SURU1A]*
TADUN 1A *[TADU1A]*, TOSPO 1A *[TOSP1A]*
RWY 29 ARRIVALS



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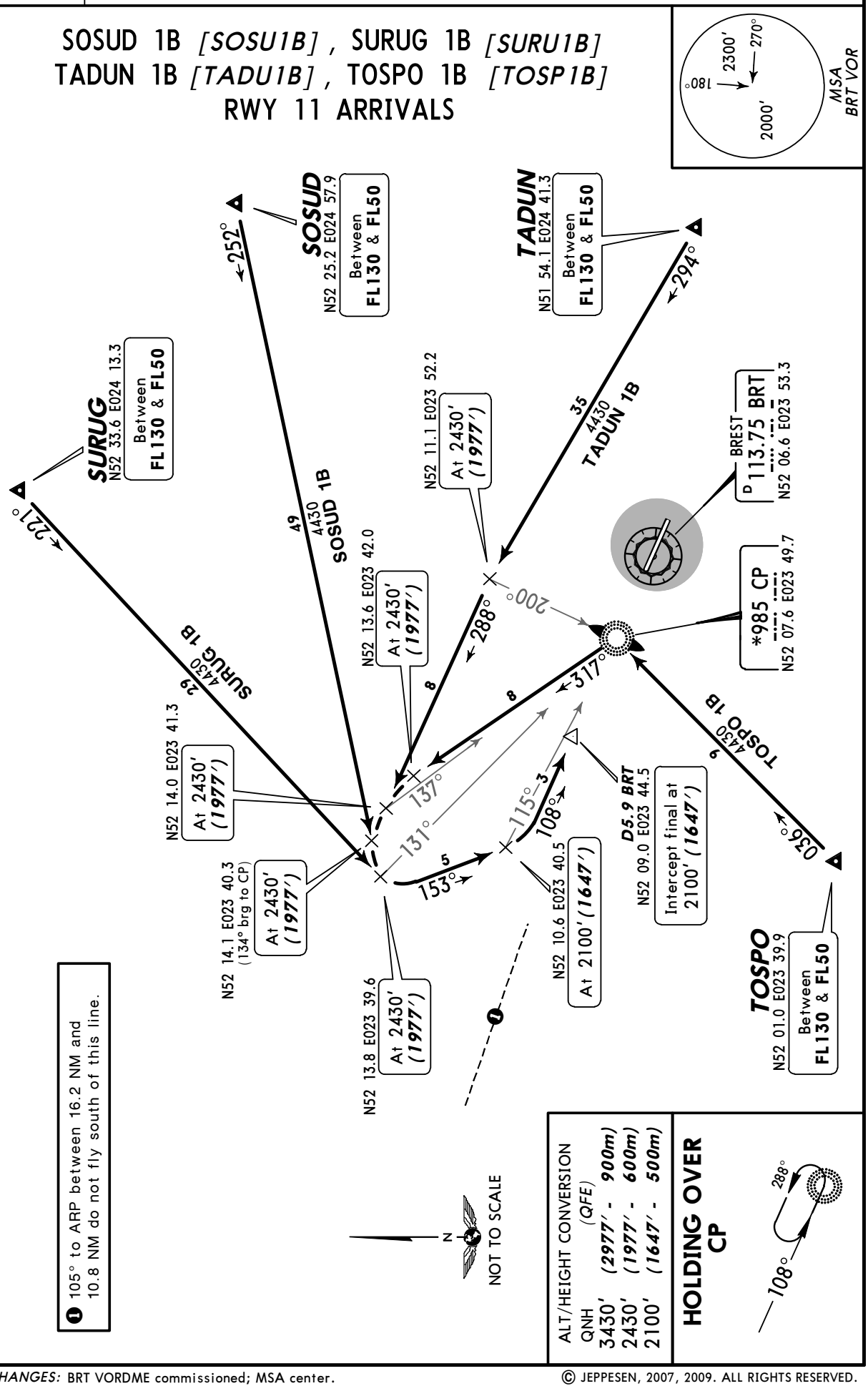
UMBB/BQT
BREST

JEPPESEN 4 DEC 09 (10-2C) Eff 17 Dec

BREST, BELARUS
STAR

Apt Elev 468′	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: 3430′ ***(2977′)***

SOSUD 1B *[SOSU1B]*, SURUG 1B *[SURU1B]*
TADUN 1B *[TADU1B]*, TOSPO 1B *[TOSP1B]*
RWY 11 ARRIVALS



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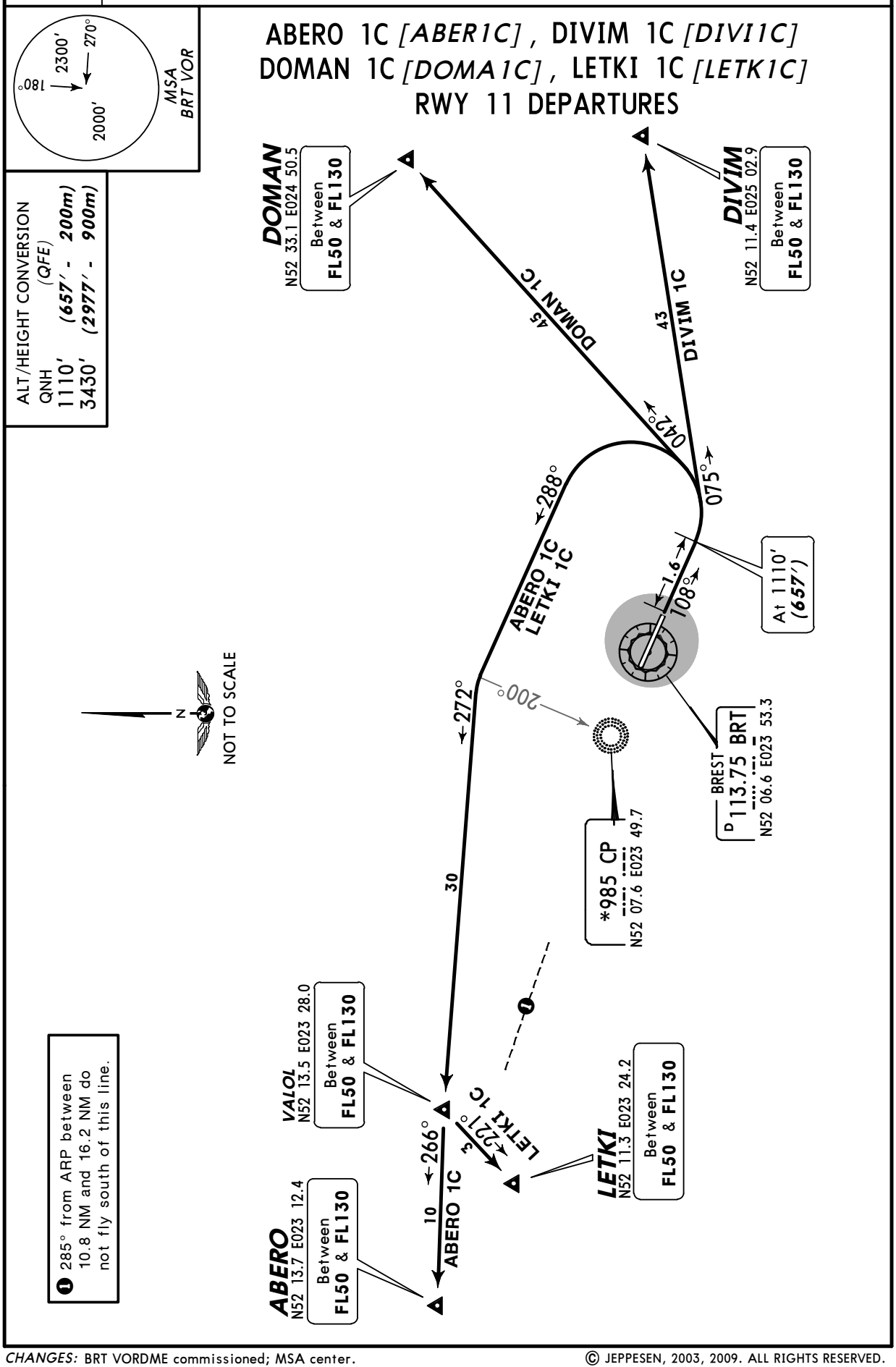
Apt Elev
468′

QNH on request **(QFE)**
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
Trans alt: 3430′ ***(2977′)***
Take-off is carried out using noise abatement procedures for the area according to Flight Manual.



CHANGES: BRT VORDME commissioned; MSA center.

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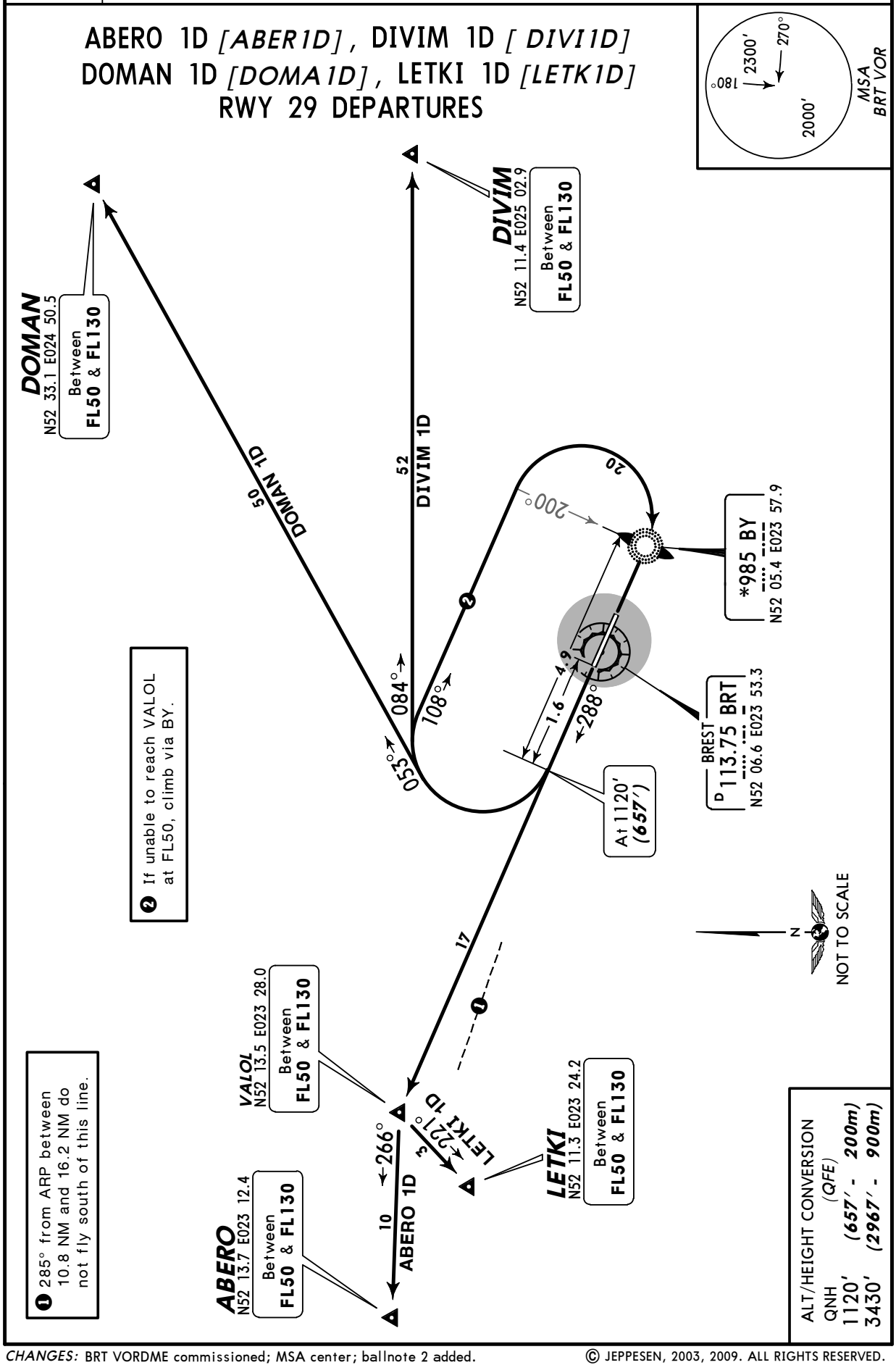
Apt Elev 468′	QNH on request **(QFE)** Trans level: FL50 FL60 if pressure is less than 733 mm (977.3 hPa) Trans alt: 3430′ ***(2967′)*** Take-off is carried out using noise abatement procedures for the area according to Flight Manual.

ABERO 1D *[ABER1D]*, DIVIM 1D *[DIVI1D]* DOMAN 1D *[DOMA1D]*, LETKI 1D *[LETK1D]* RWY 29 DEPARTURES



CHANGES: BRT VORDME commissioned; MSA center; ballnote 2 added.

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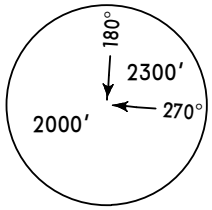
UMBB/BQT
BREST

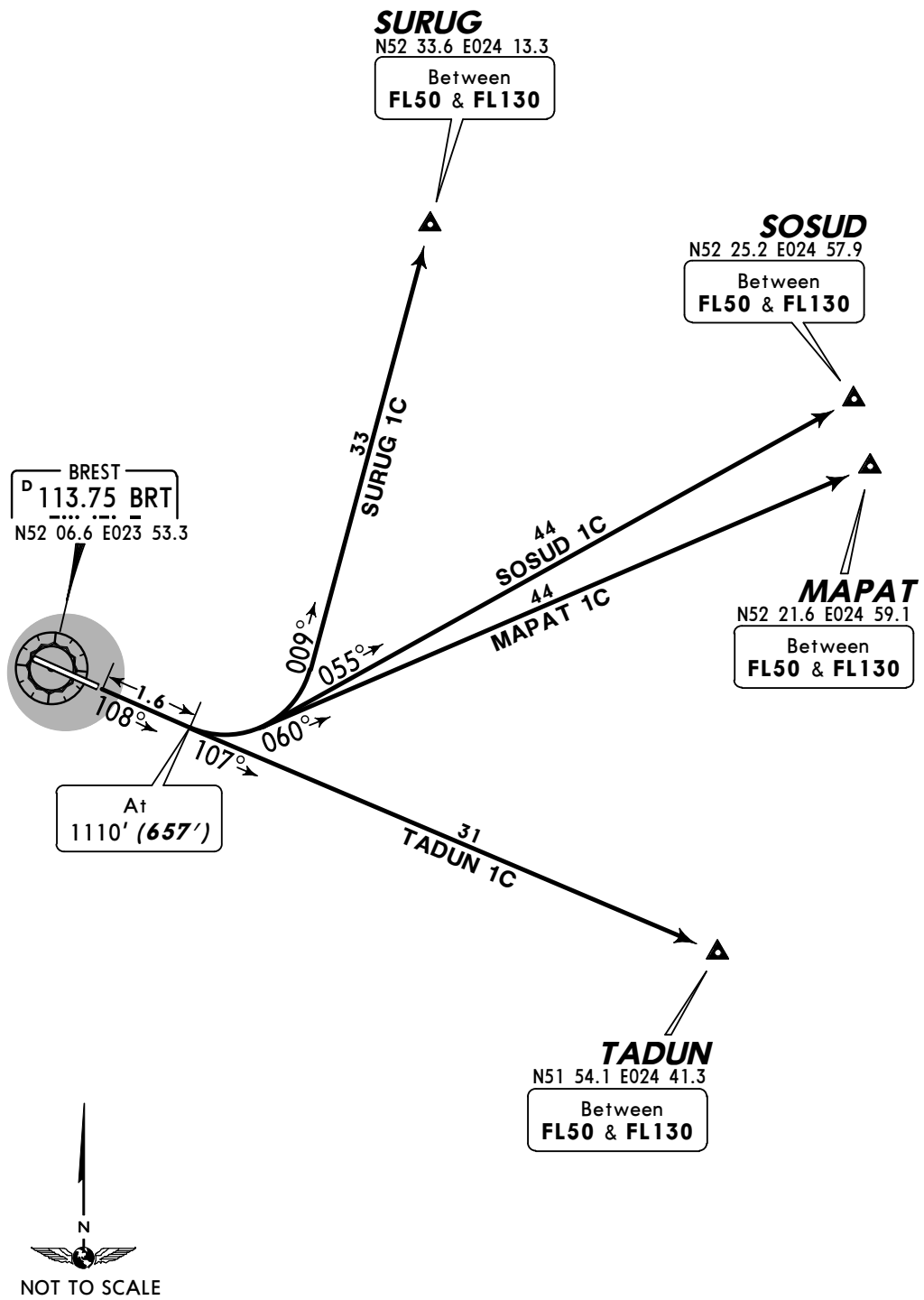
BREST, BELARUS
SID

Apt Elev	
468′	QNH on request **(QFE)** Trans level: FL50 FL60 if pressure is less than 733 mm (977.3 hPa) Trans alt: 3430′ ***(2977′)*** Take-off is carried out using noise abatement procedures for the area according to Flight Manual.



MSA
BRT VOR

MAPAT 1C *[MAPA1C]*, SOSUD 1C *[SOSU1C]*
SURUG 1C *[SURU1C]*, TADUN 1C *[TADU1C]*
RWY 11 DEPARTURES



ALT/HEIGHT CONVERSION

QNH	(QFE)
1110′	***(657′ - 200m)***
3430′	***(2977′ - 900m)***

CHANGES: BRT VORDME commissioned; MSA center.

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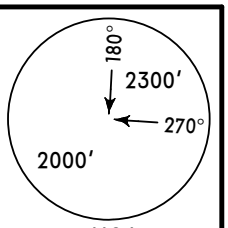
UMBB/BQT
BREST

JEPPESEN
4 DEC 09 (10-3C) Eff 17 Dec

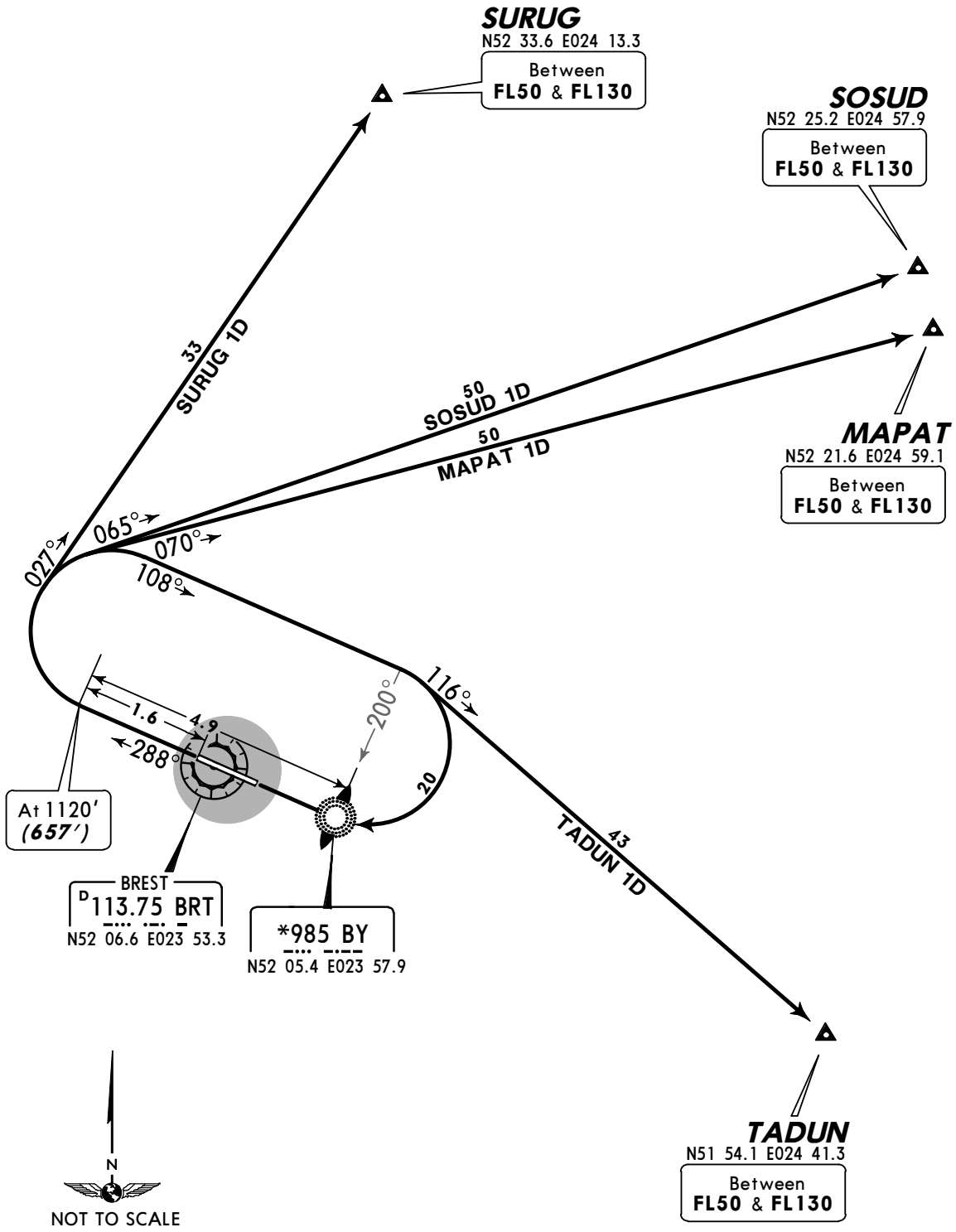
BREST, BELARUS
SID

Apt Elev	
468′	QNH on request **(QFE)** Trans level: FL50 FL60 if pressure is less than 733 mm (977.3 hPa) Trans alt: 3430′ ***(2967′)*** Take-off is carried out using noise abatement procedures for the area according to Flight Manual.



MSA
BRT VOR

MAPAT 1D *[MAPA1D]*, SOSUD 1D *[SOSU1D]* SURUG 1D *[SURU1D]*, TADUN 1D *[TADU1D]* RWY 29 DEPARTURES



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1120′	***(657′ - 200m)***
3430′	***(2967′ - 900m)***

CHANGES: BRT VORDME commissioned; MSA center.

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Apt Elev **468'**
N52 06.5 E023 53.8

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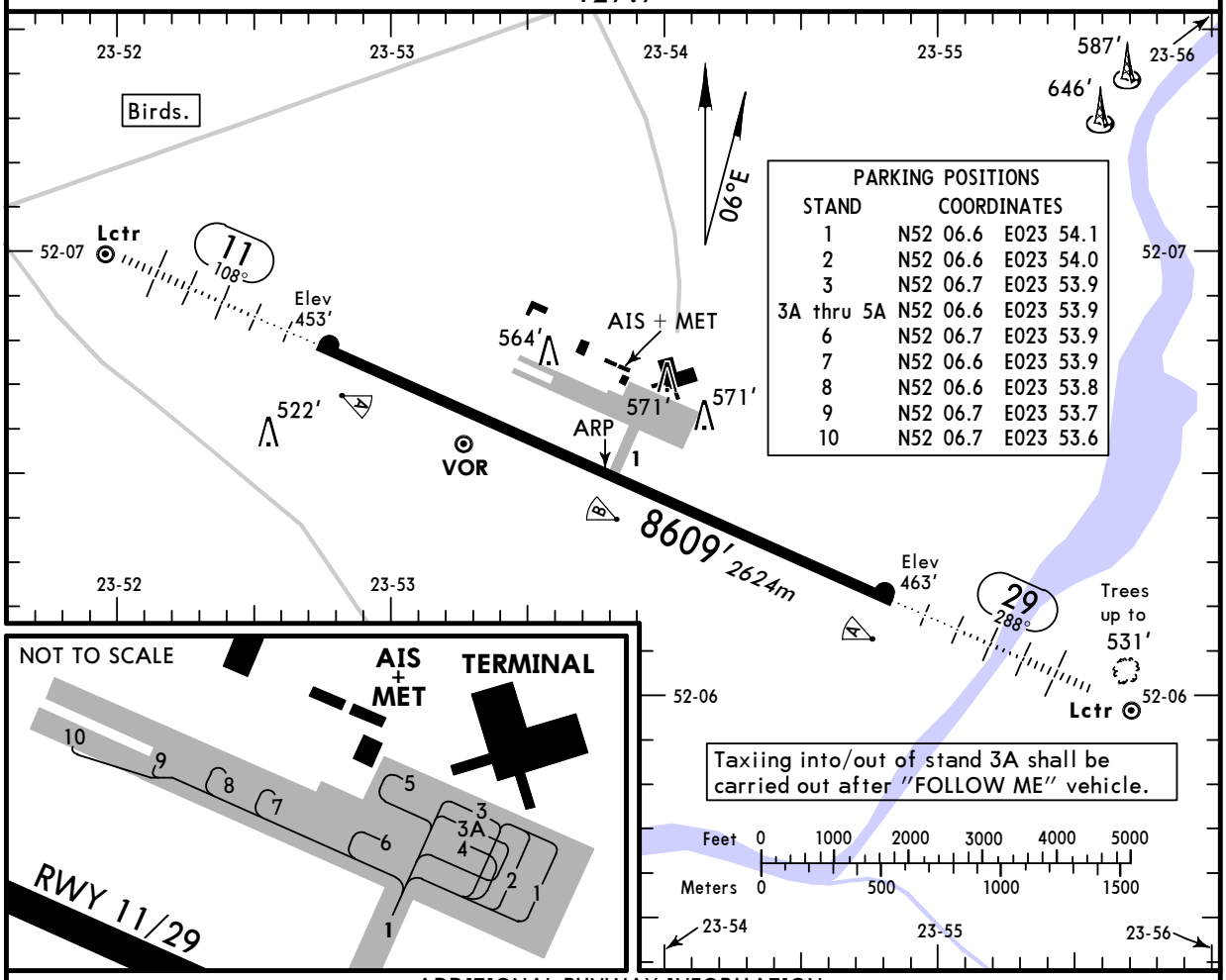
4 DEC 09 (10-9) **Eff 17 Dec**

BREST, BELARUS

BREST

*BREST Approach (GND/TWR)

127.7



PARKING POSITIONS

STAND	COORDINATES	
1	N52 06.6	E023 54.1
2	N52 06.6	E023 54.0
3	N52 06.7	E023 53.9
3A thru 5A	N52 06.6	E023 53.9
6	N52 06.7	E023 53.9
7	N52 06.6	E023 53.9
8	N52 06.6	E023 53.8
9	N52 06.7	E023 53.7
10	N52 06.7	E023 53.6

ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS LANDING BEYOND Threshold	Glide Slope	TAKE-OFF	WIDTH
11 29	HIRL *(58m)* HIALS PAPI-L (2.67°) RVR		7515' *2291m*	❶	138' *42m*

❶ TAKE-OFF RUN AVAILABLE

RWY 11:
From rwy head 8609' (2624m)
twy 1 int 4183' (1275m)

RWY 29:
From rwy head 8609' (2624m)
twy 1 int 4426' (1349m)

TAKE-OFF

AIR CARRIER (JAA)
All Rwys

	LVP must be in force RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	*250m*	*400m*
B		
C		
D	*300m*	

CHANGES: Variation. Rwy bearings. Usable lengths.

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UMBB/BQT
BREST

JEPPESEN
4 DEC 09
Eff 17 Dec
11-1

BREST, BELARUS
ILS or 2 NDB Rwy 29

BRIEFING STRIP ™

*BREST Approach (APP/SRE/TWR)	*Ground
127.7	127.7

LOC IBY *110.3	Final Apch Crs 288°	GS LOM 1103′(640′)	ILS DA(H) 663′(200′)	Apt Elev 468′
NDB BY *985		Minimum Alt D6.7 BRT 2110′(1647′)	NDB MDA(H) 820′(357′)	RWY 463′

MISSED APCH: Climb on 288° to 1120′ (657′), then turn RIGHT onto 108° climbing to 2440′ (1977′), then according to chart.

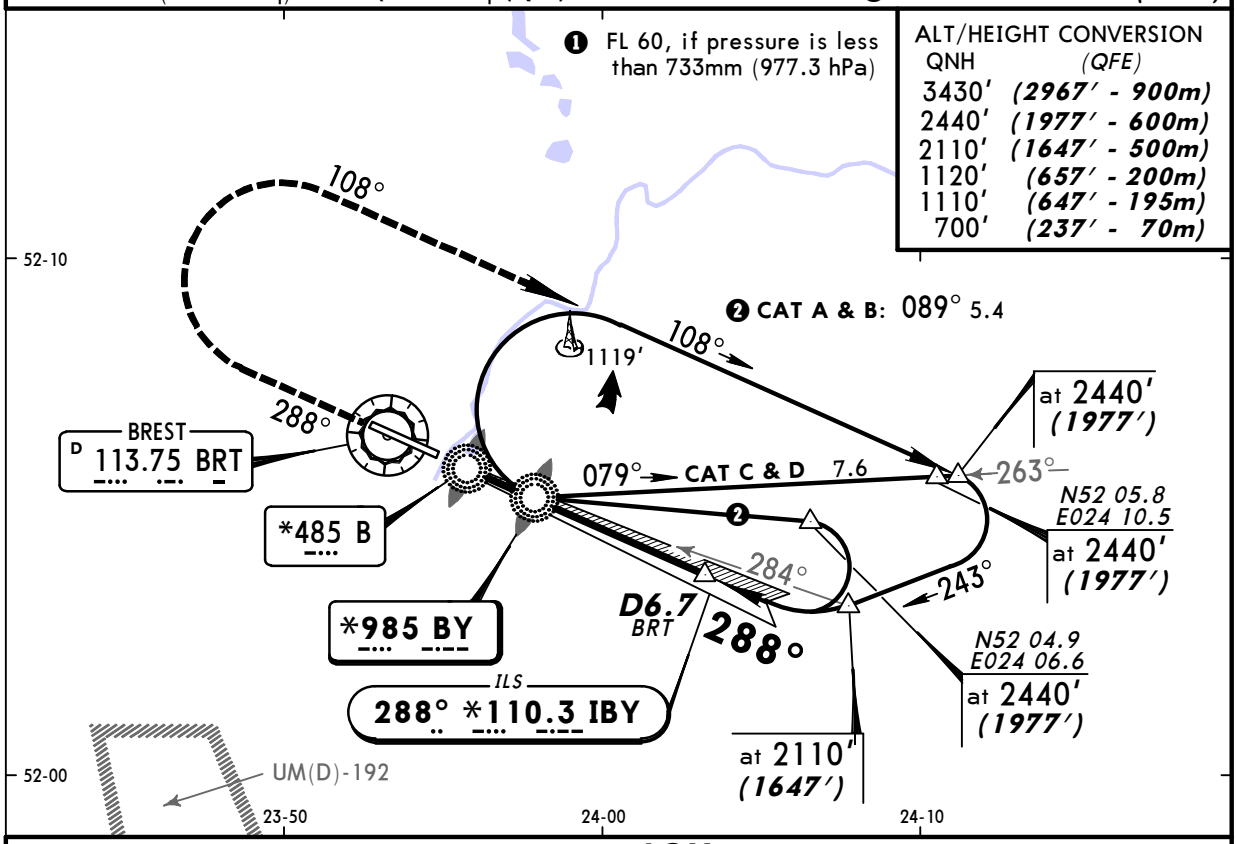
MSA ARP: 180° 2300′; 270° 2000′

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 ❶ Trans alt: 3430′(2967′)

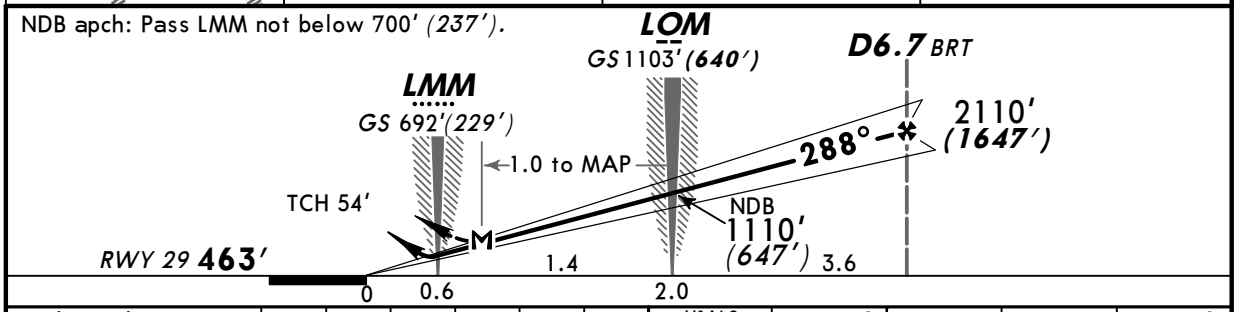
❶ FL 60, if pressure is less than 733mm (977.3 hPa)

ALT/HEIGHT CONVERSION

QNH	(QFE)
3430′	(2967′ - 900m)
2440′	(1977′ - 600m)
2110′	(1647′ - 500m)
1120′	(657′ - 200m)
1110′	(647′ - 195m)
700′	(237′ - 70m)



NDB apch: Pass LMM not below 700′ (237′).



Gnd speed-Kts		70	90	100	120	140	160
ILS GS or NDB Desc angle	2.67°	336	432	480	576	671	767
LOM to MAP	1.0	0:51	0:40	0:36	0:30	0:26	0:23

HIALS PAPI

1120′ (657′) on 288° | 108° RT | 2440′ (1977′)

STRAIGHT-IN LANDING RWY 29

	ILS DA(H) 663′(200′) FULL	ILS DA(H) 663′(200′) ALS out	LOC (GS out)	NDB MDA(H) 820′(357′)	NDB MDA(H) 820′(357′) ALS out
A	RVR 720m VIS 800m	1200m	NOT AUTH	1200m	RVR 1800m VIS 2000m
B					
C					
D				RVR 1500m VIS 1600m	

CEILING REQUIRED

CIRCLE-TO-LAND

Max Kts	MDA(H)	CEIL-VIS
100	1460′ (992′)	350m - 3000m
135		
180	1560′ (1092′)	500m - 5000m
205		

PANS OPS

CHANGES: Procedure.

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UMBB/BQT
BREST

JEPPESEN
4 DEC 09 (16-1) Eff 17 Dec

BREST, BELARUS
2 NDB Rwy 11

BRIEFING STRIP™

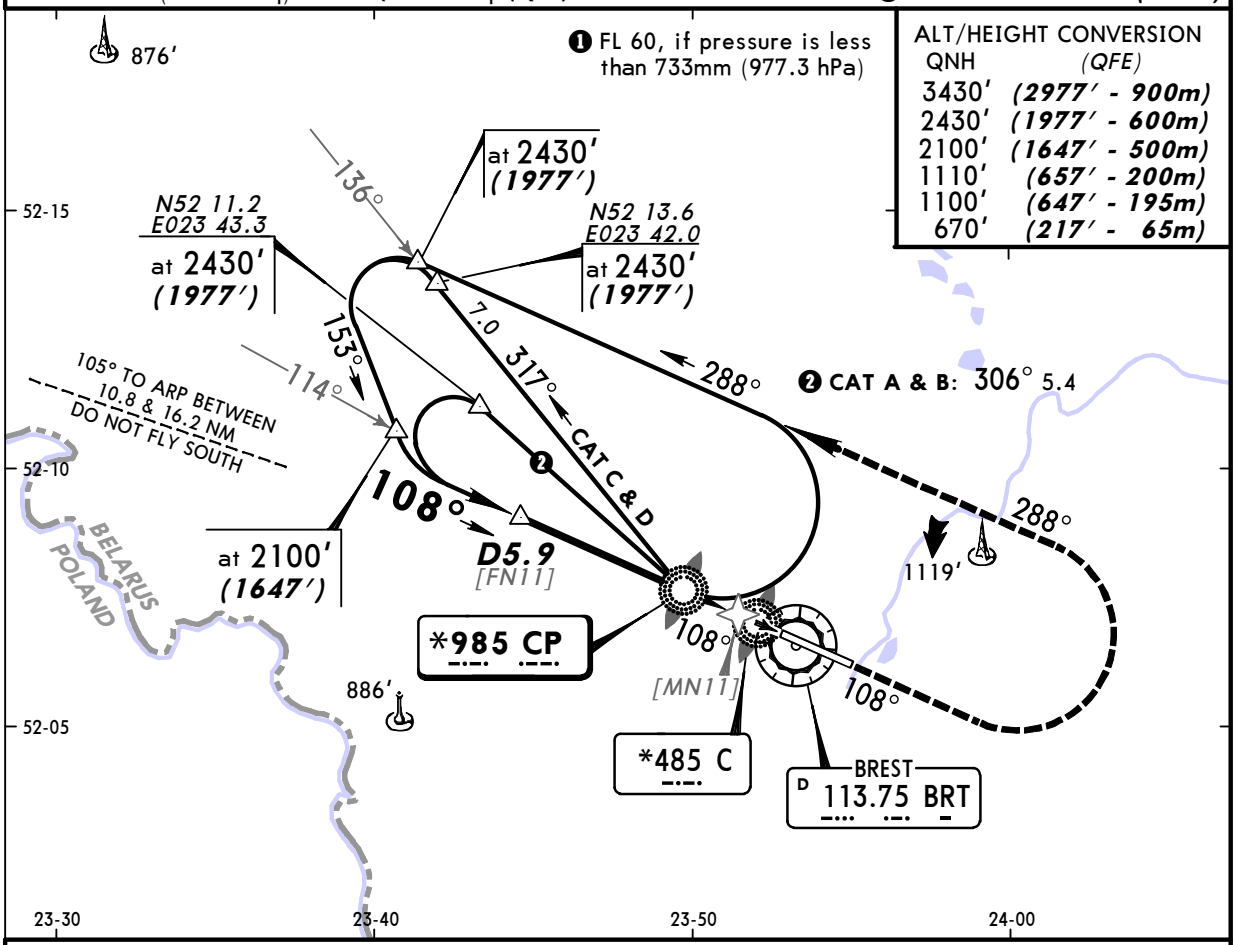
*BREST Approach (APP/SRE/TWR)	*Ground
127.7	127.7

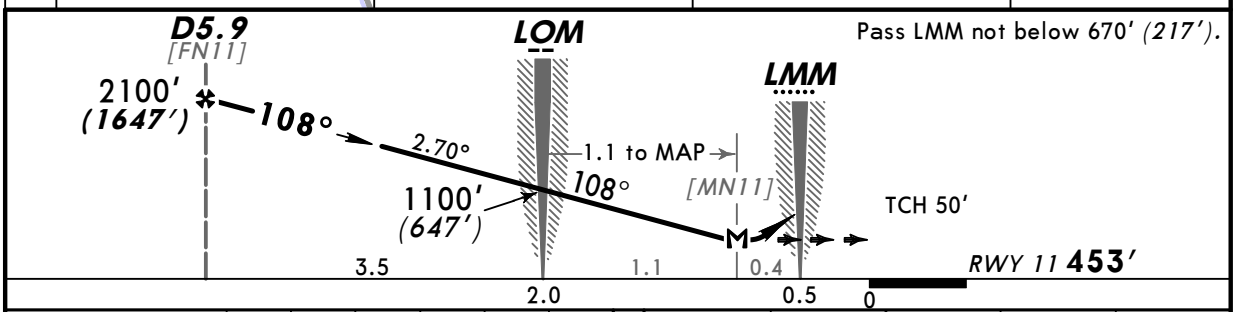
NDB CP	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev / RWY
*985	108°	D5.9 2100′(1647′)	830′(377′)	Apt Elev 468′ RWY 453′

MISSED APCH: Climb on 108° to 1110′(657′), then turn LEFT onto 288° climbing to 2430′(1977′), then according to chart.

MSA ARP: 180° 2300′; 270° 2000′

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 ❶ Trans alt: 3430′(2977′)





Gnd speed-Kts	70	90	100	120	140	160
Descent angle 2.70°	334	430	478	573	669	764
LOM to MAP 1.1	0:57	0:44	0:40	0:33	0:28	0:25

HIALS PAPI | 1110′ (657′) on 108° | 288° LT | 2430′ (1977′)

PANS OPS

STRAIGHT-IN LANDING RWY 11

MDA(H) 830′(377′)

		ALS out
A	1200m	RVR 1500m VIS 1600m
B		
C		
D	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m

CEILING REQUIRED

CIRCLE-TO-LAND

Max Kts	MDA(H)	CEIL-VIS
100	1460′(992′)	350m - 3000m
135		
180	1560′(1092′)	500m - 5000m
205		

CHANGES: Procedure.

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