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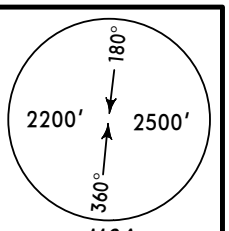
UUBP/BZK
BRYANSK

JEPPESEN
26 OCT 07 10-2

BRYANSK, RUSSIA
STAR

Apt Elev 663′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL39 Trans alt: 2310′ ***(1647′)*** **1.** FL by ATC. **2.** Aircraft shall reach FL39 at 5.4 NM before base turn and at 10.8 NM before FAP during straight-in approach. **3.** Proceed to LOM as directed by ATC, turn on track 346°, then according to the rectangular approach pattern.



KUMOL 2, NETOT 2, OGRUS 2, OVSOR 2
RWY 17 ARRIVALS
FROM EAST

OGRUS
N53 32.0 E034 25.0
Between FL108 & FL69

OVSOR
N53 27.5 E034 36.0
Between FL108 & FL69

KUMOL
N53 21.5 E035 17.1

N53 18.8 E034 54.5
Between FL108 & FL89

NETOT
N53 01.0 E034 22.0
At FL108

N53 21.2 E034 09.5
At 1980′ ***(1317′)***

N53 21.7 E034 10.5

N53 21.6 E034 06.0

N53 22.0 E034 12.6
At 2310′ ***(1647′)***

N53 19.5 E034 02.5
At 2310′ ***(1647′)***

Intercept final at 1980′ ***(1317′)***

BRYANSK
*325 OD
N53 15.6 E034 10.0

213° 14 4270 OGRUS 2 CORRIDOR 1
243° 16 4270 OVSOR 2 CORRIDOR 2
248° 14
270° 25 CORRIDOR 3 4270 KUMOL 2 By ATC
303° 6
327° 16 4270 NETOT 2 By ATC
076° 5
152° 166° 172° 177° 188°

N
NOT TO SCALE

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2310′	***(1647′ - 500m)***
1980′	***(1317′ - 400m)***

FL CONVERSION	
FL108	***FL3300m***
FL89	***FL2700m***
FL69	***FL2100m***
FL39	***FL1200m***

CHANGES: STAR KUDET 2 renamed KUMOL 2.

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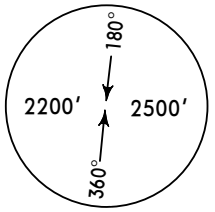
UUBP/BZK
BRYANSK

JEPPESEN
26 OCT 07 10-2A

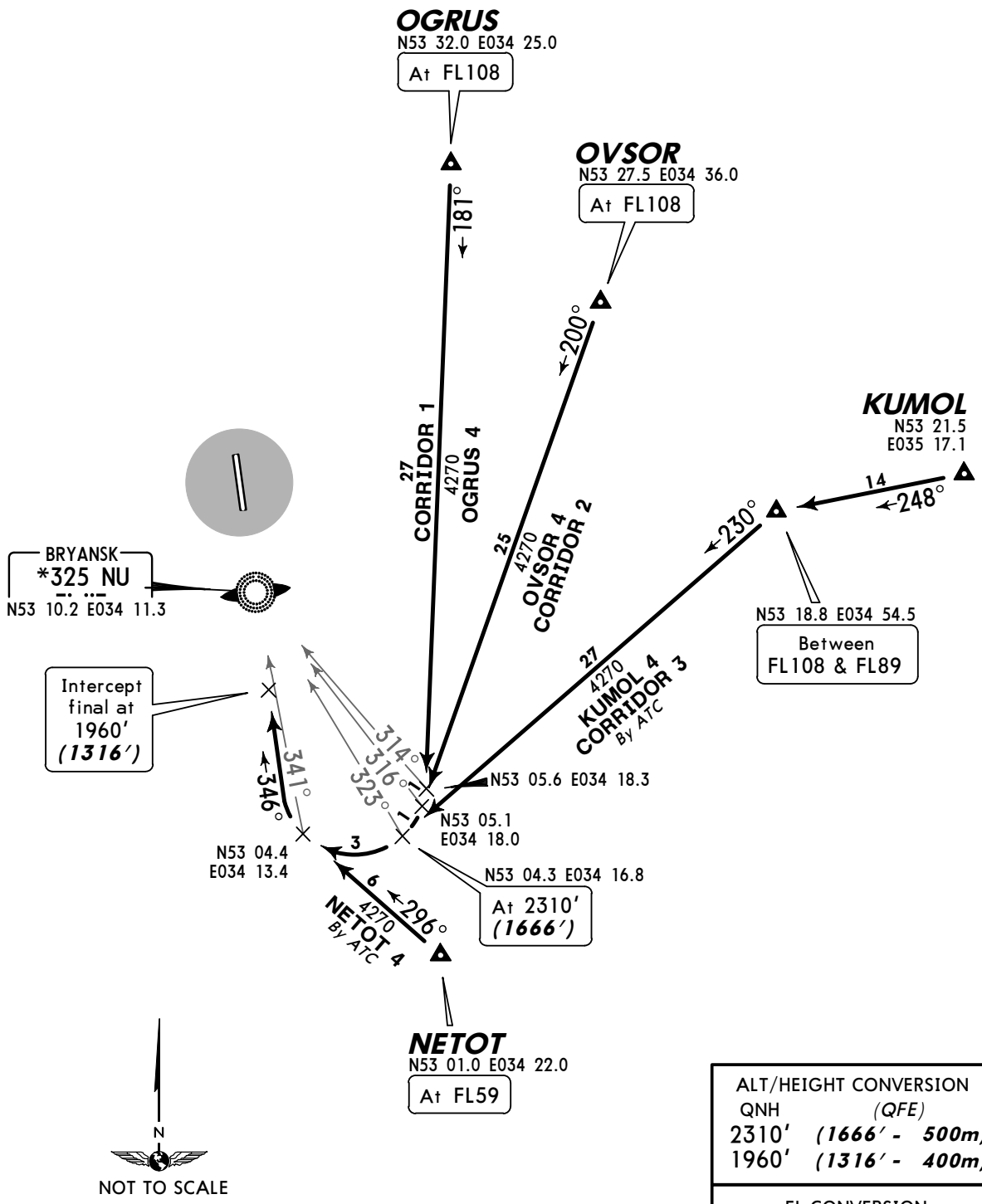
BRYANSK, RUSSIA
STAR

Apt Elev 663′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL39 Trans alt: 2310′ ***(1666′)*** **1.** FL by ATC. **2.** Aircraft shall reach FL39 at 5.4 NM before base turn and at 10.8 NM before FAP during straight-in approach. **3.** Proceed to LOM as directed by ATC, turn on track 166°, then according to the rectangular approach pattern.



MSA
ARP

KUMOL 4, NETOT 4, OGRUS 4, OVSOR 4
RWY 35 ARRIVALS
FROM EAST



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2310′	***(1666′ - 500m)***
1960′	***(1316′ - 400m)***

FL CONVERSION	
FL108	***FL3300m***
FL89	***FL2700m***
FL59	***FL1800m***
FL39	***FL1200m***

CHANGES: STAR KUDET 4 renamed KUMOL 4.

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UUBP/BZK
BRYANSK

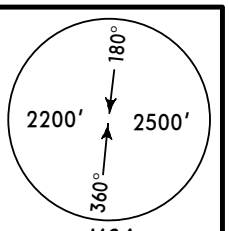
JEPPESEN
20 JUL 07 (10-2B) Eff 2 Aug

BRYANSK, RUSSIA
STAR

Apt Elev 663′

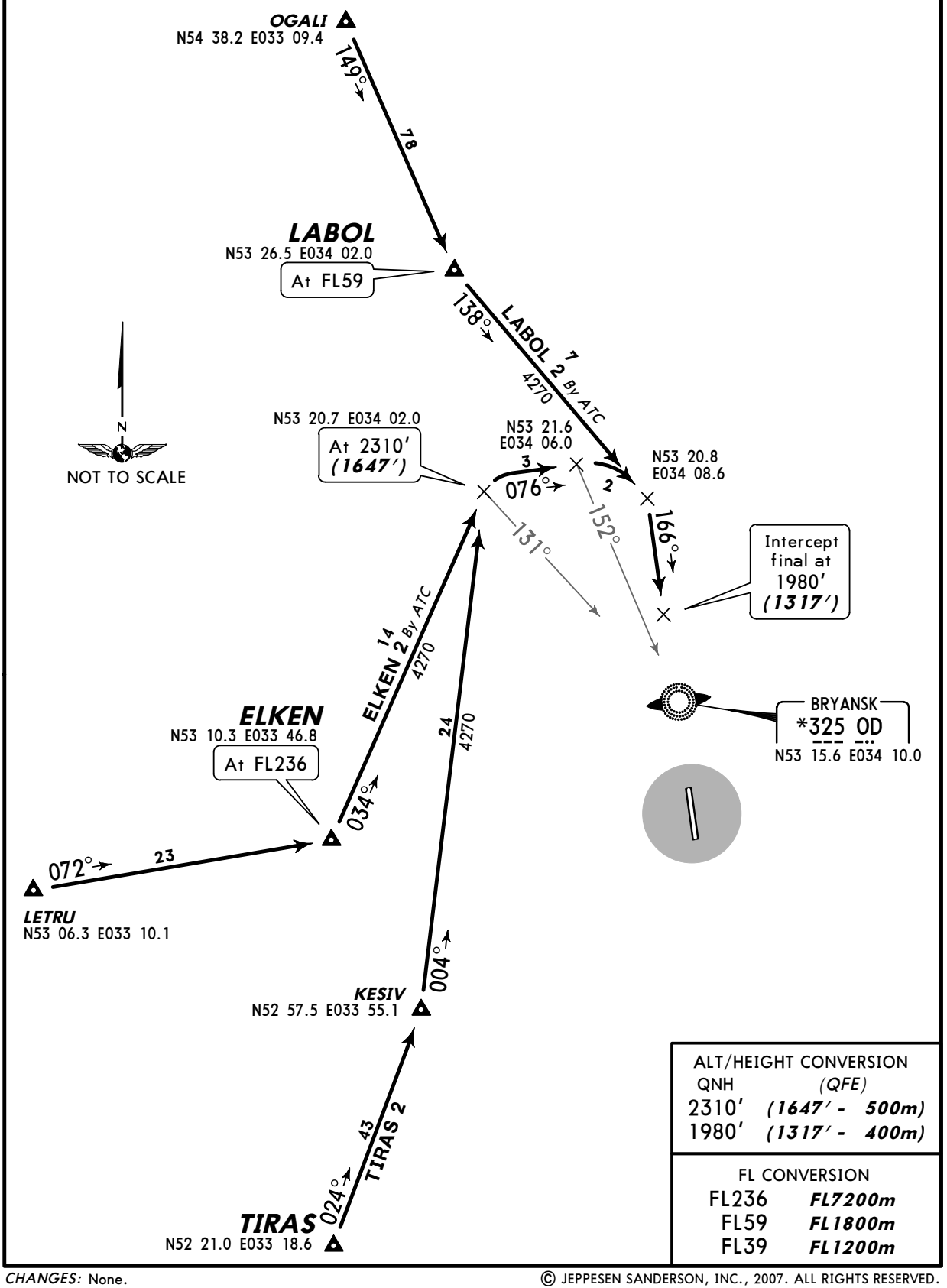
Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2310′ ***(1647′)***

1. FL by ATC.
2. Aircraft shall reach FL39 at 5.4 NM before base turn and at 10.8 NM before FAP during straight-in approach.
3. Proceed to LOM as directed by ATC, turn on track 346°, then according to the rectangular approach pattern.



MSA ARP

ELKEN 2, LABOL 2, TIRAS 2
RWY 17 ARRIVALS
FROM WEST



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2310′	***(1647′ - 500m)***
1980′	***(1317′ - 400m)***

FL CONVERSION	
FL236	***FL7200m***
FL59	***FL1800m***
FL39	***FL1200m***

CHANGES: None.

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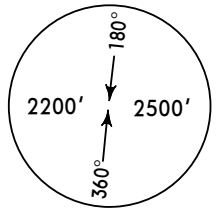
UUBP/BZK
BRYANSK

JEPPESEN
20 JUL 07 (10-2C) Eff 2 Aug

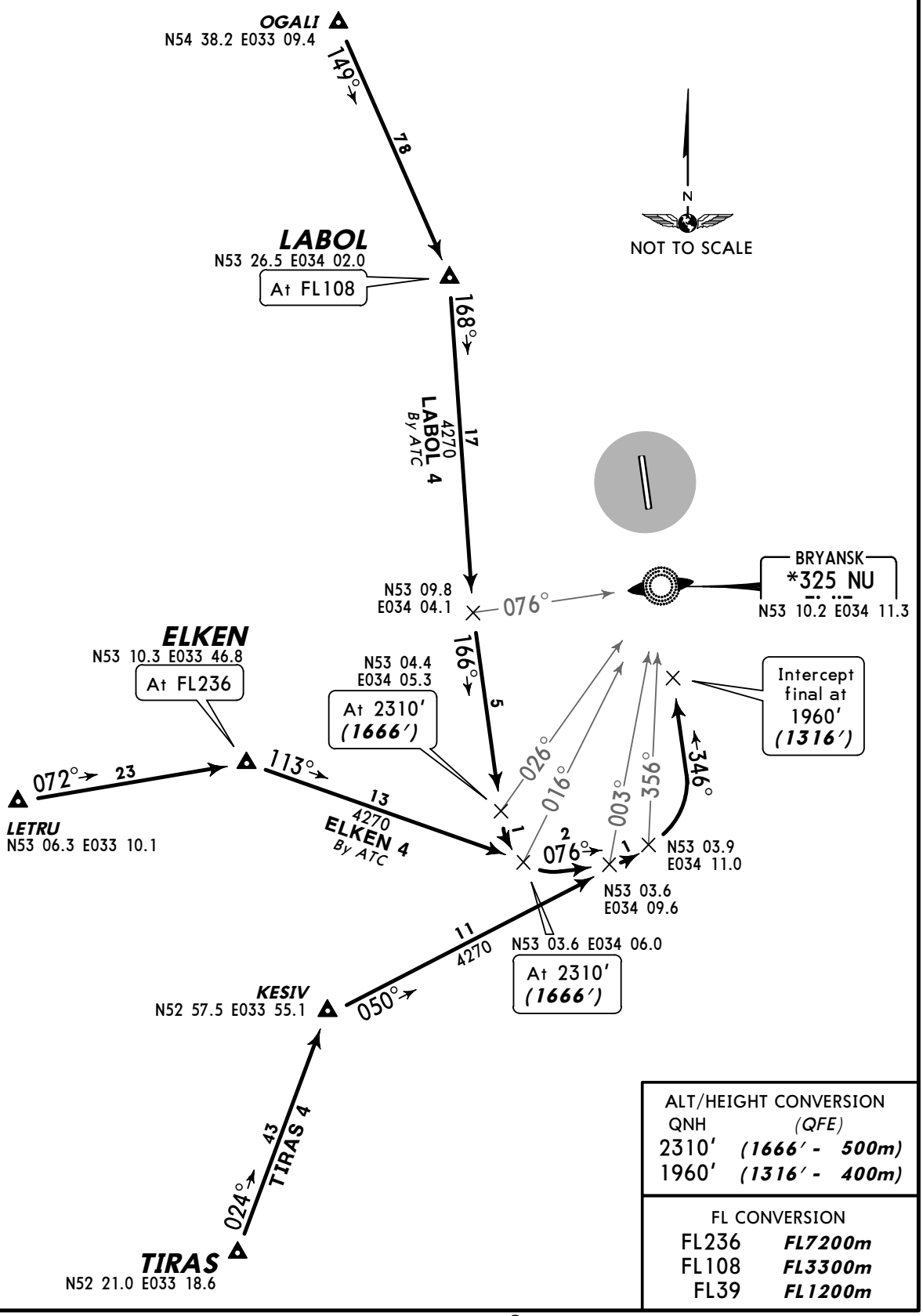
BRYANSK, RUSSIA
STAR

Apt Elev 663′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL39 Trans alt: 2310′ ***(1666′)*** **1.** FL by ATC. **2.** Aircraft shall reach FL39 at 5.4 NM before base turn and at 10.8 NM before FAP during straight-in approach. **3.** Proceed to LOM as directed by ATC, turn on track 166°, then according to the rectangular approach pattern.



MSA ARP

ELKEN 4, LABOL 4, TIRAS 4
RWY 35 ARRIVALS
FROM WEST



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2310′	***(1666′ - 500m)***
1960′	***(1316′ - 400m)***

FL CONVERSION	
FL236	***FL7200m***
FL108	***FL3300m***
FL39	***FL1200m***

CHANGES: STAR LABOL 4 revised.

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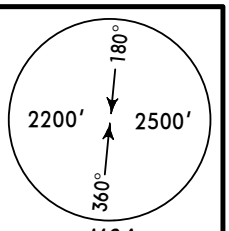
UUBP/BZK
BRYANSK

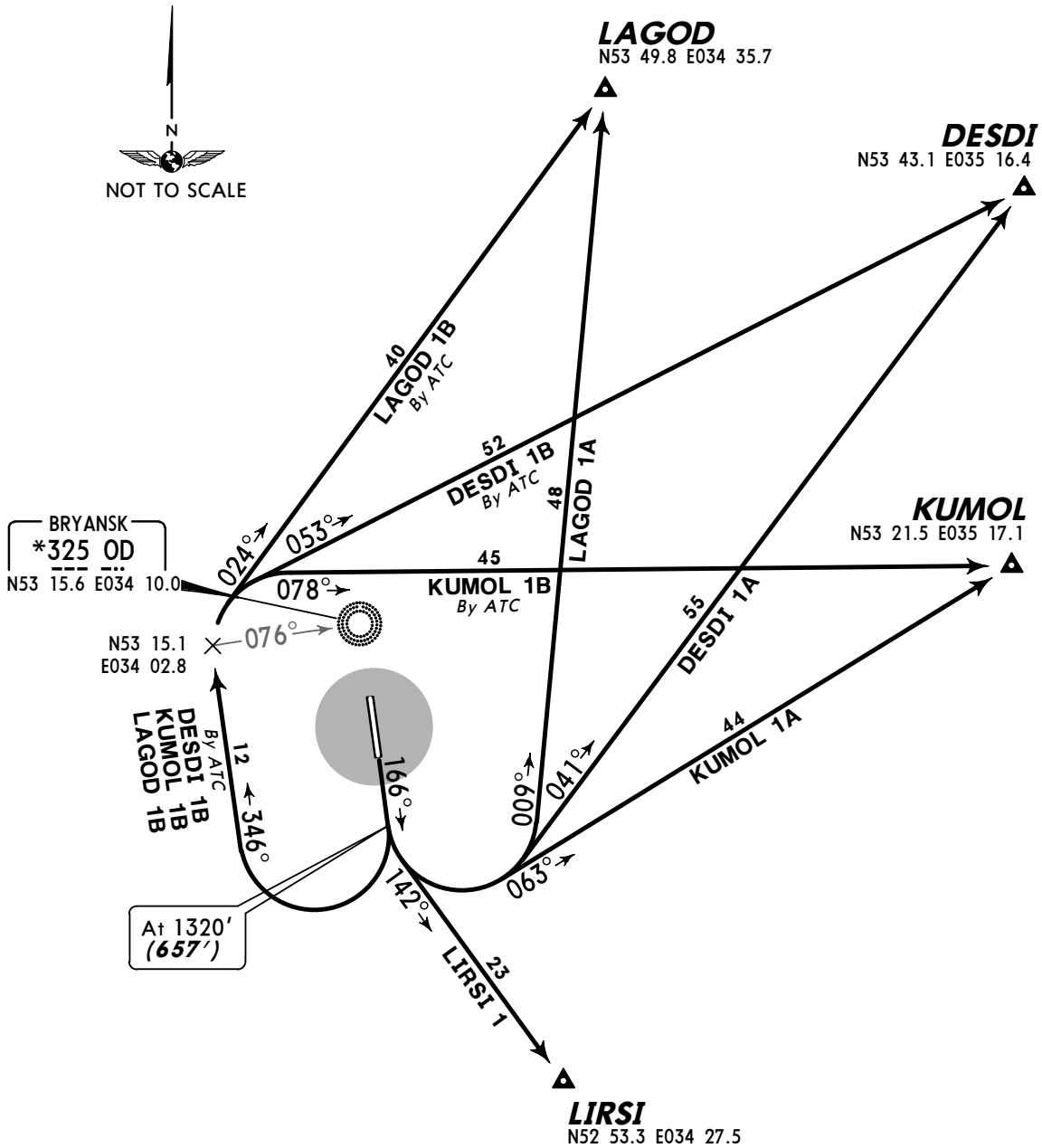
JEPPESEN
26 OCT 07 10-3

BRYANSK, RUSSIA
SID

Apt Elev	
663′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2310′ ***(1647′)*** Crossings at airway entry points by ATC.



DESDI 1A *[DESD1A]*, DESDI 1B *[DESD1B]*
KUMOL 1A *[KUMO1A]*, KUMOL 1B *[KUMO1B]*
LAGOD 1A *[LAGO1A]*, LAGOD 1B *[LAGO1B]*
LIRSI 1
RWY 17 DEPARTURES
TO EAST



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1320′	***(657′ - 200m)***
2310′	***(1647′ - 500m)***

FL CONVERSION	
FL39	***FL1200m***

CHANGES: KUDET SIDs renamed KUMOL.

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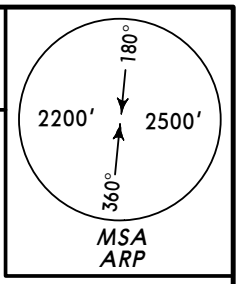
UUBP/BZK
BRYANSK

JEPPESEN
26 OCT 07 10-3A

BRYANSK, RUSSIA
SID

Apt Elev	
663′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2310′ *(1666′)* Crossings at airway entry points by ATC.



DESDI 3A *[DESD3A]*, DESDI 3B *[DESD3B]*
KUMOL 3A *[KUMO3A]*, KUMOL 3B *[KUMO3B]*
LAGOD 3A *[LAGO3A]*, LAGOD 3B *[LAGO3B]*
LIRSI 3
RWY 35 DEPARTURES
TO EAST

N
NOT TO SCALE

LAGOD
N53 49.8 E034 35.7

DESDI
N53 43.1 E035 16.4

KUMOL
N53 21.5 E035 17.1

LIRSI
N52 53.3 E034 27.5

40 LAGOD 3B By ATC
42 LAGOD 3A
51 DESDI 3B By ATC
44 KUMOL 3B By ATC
57 DESDI 3A
46 KUMOL 3A
22 LIRSI 3 By ATC

018° 050° 075° 346° 014° 043° 065° 081° 133° 166°

At 1310′ *(666′)*

12 DESDI 3A KUMOL 3A LAGOD 3A LIRSI 3 By ATC

N53 10.1 E034 04.0

BRYANSK
*325 NU
N53 10.2 E034 11.3

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1310′	*(666′ - 200m)*
2310′	*(1666′ - 500m)*

FL CONVERSION	
FL39	*FL1200m*

CHANGES: KUDET SIDs renamed KUMOL.

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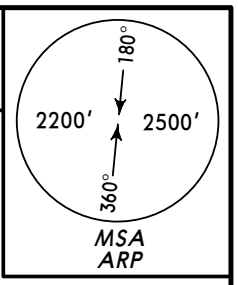
UUBP/BZK
BRYANSK

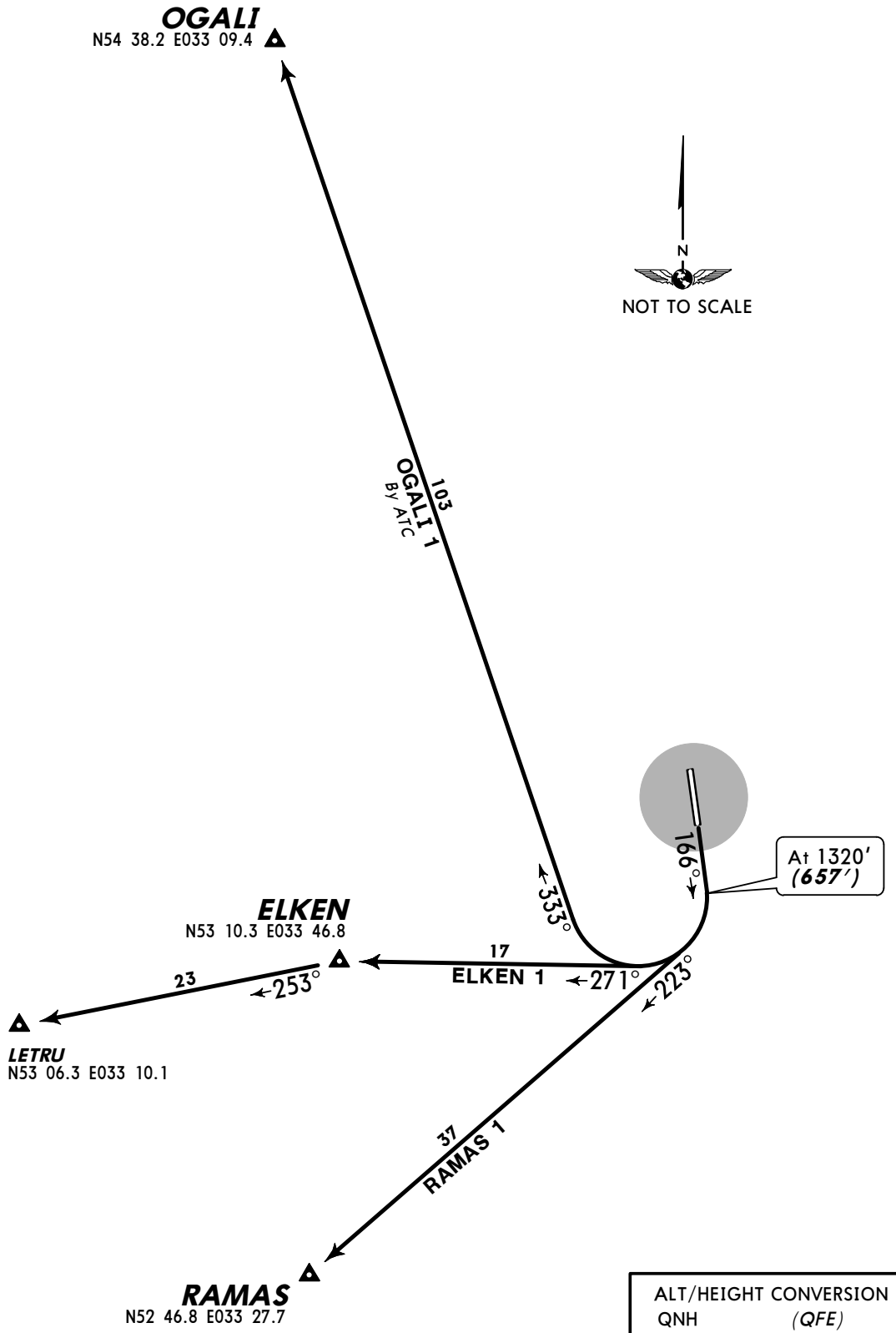
JEPPESEN
17 AUG 07 (10-3B) Eff 30 Aug

BRYANSK, RUSSIA
SID

Apt Elev	
663′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2310′ ***(1647′)*** Crossings at airway entry points by ATC.



ELKEN 1, OGALI 1, RAMAS 1
RWY 17 DEPARTURES
TO WEST



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1320′	***(657′ - 200m)***
2310′	***(1647′ - 500m)***

FL CONVERSION	
FL39	***FL1200m***

CHANGES: Crossings at airway entry points.

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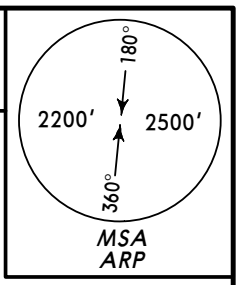
UUBP/BZK
BRYANSK

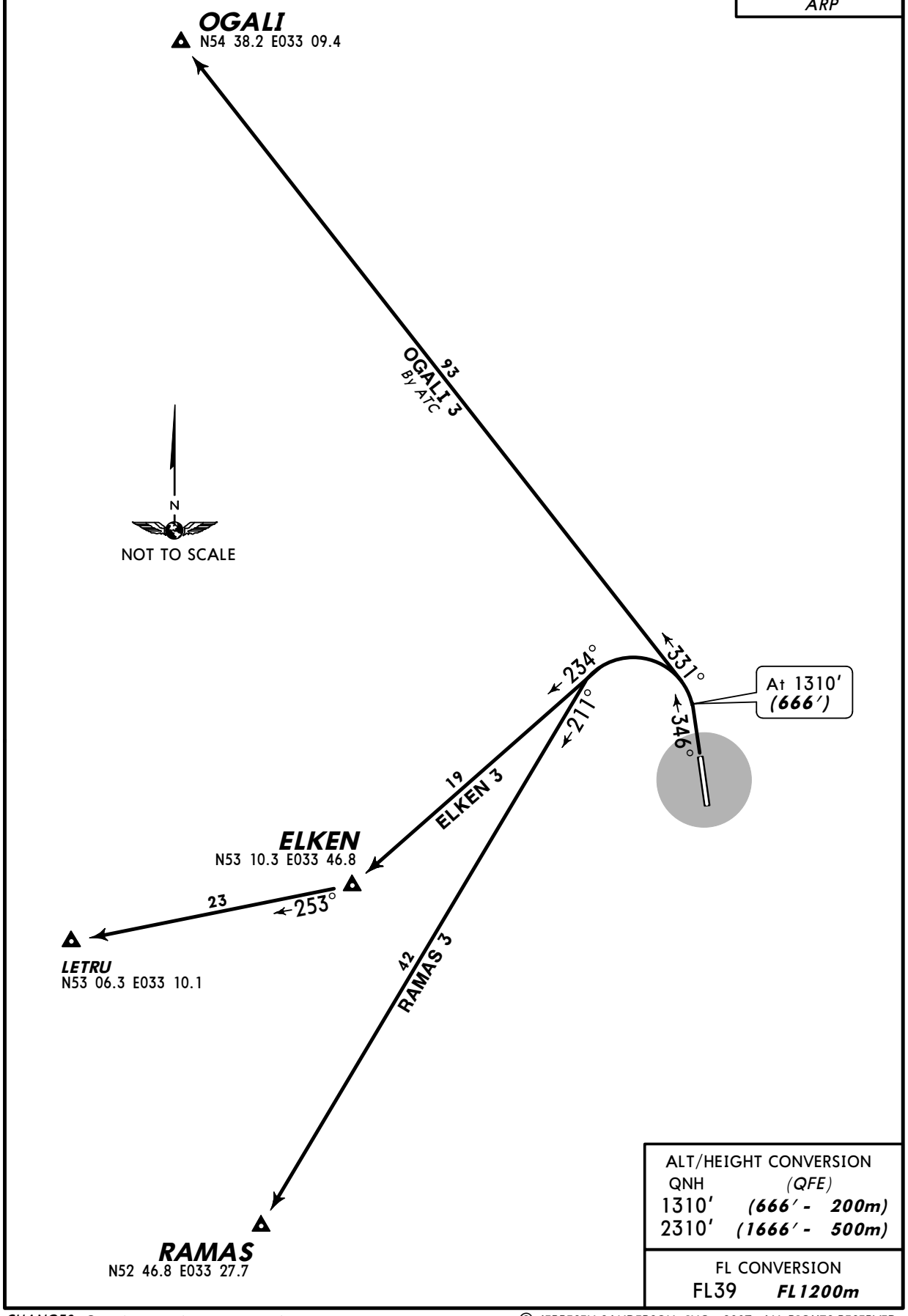
JEPPESEN
17 AUG 07 (10-3C) Eff 30 Aug

BRYANSK, RUSSIA
SID

Apt Elev	
663′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2310′ ***(1666′)*** Crossings at airway entry points by ATC.



ELKEN 3, OGALI 3, RAMAS 3
RWY 35 DEPARTURES
TO WEST



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1310′	***(666′ - 200m)***
2310′	***(1666′ - 500m)***

FL CONVERSION	
FL39	***FL1200m***

CHANGES: Crossings at airway entry points.

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UUBP/BZK

Apt Elev **663'**
N53 12.8 E034 10.7

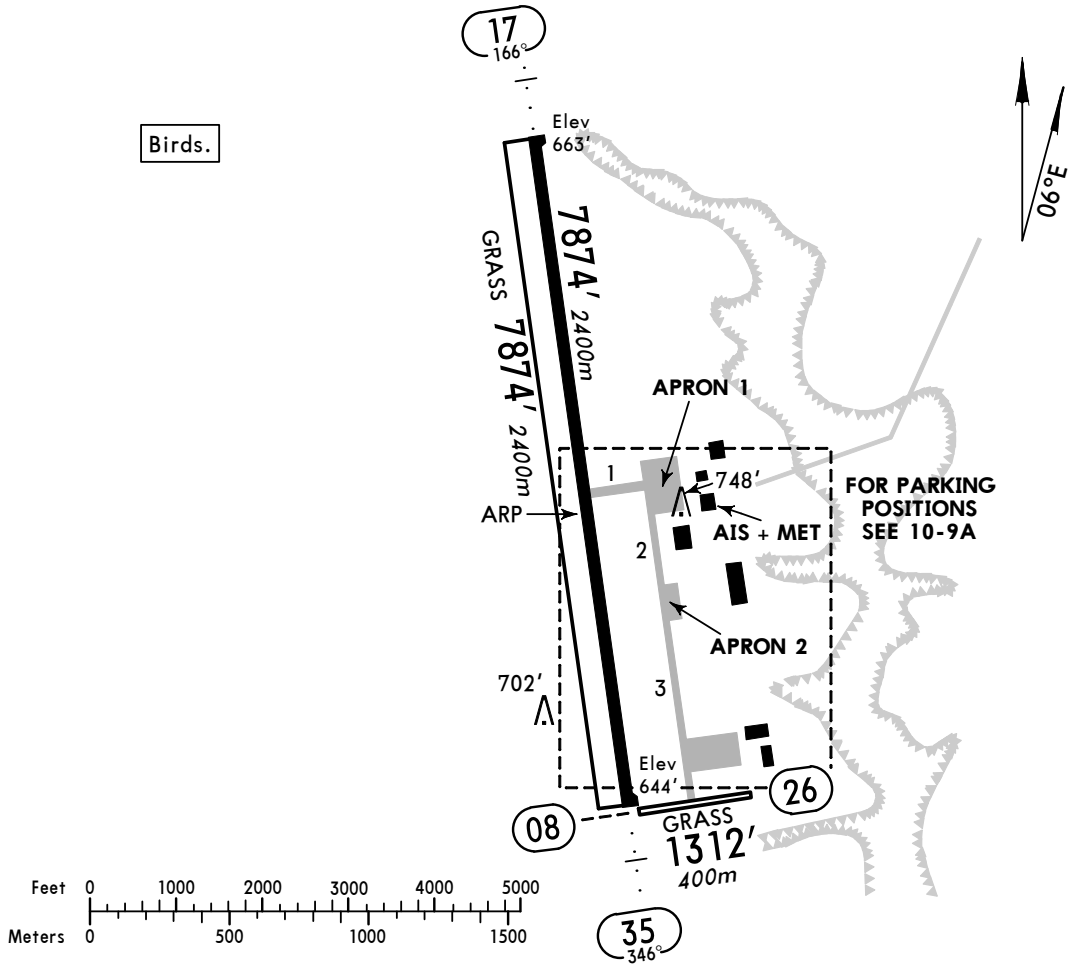
JEPPESEN
6 JUL 07 (10-9)

BRYANSK, RUSSIA

BRYANSK

*BRYANSK Tower

118.5



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS LANDING BEYOND Threshold	Glide Slope	TAKE-OFF	WIDTH
08 26					69' 21m
17 35	RL (60m) ALS		7054' 2150m		138' 42m
17 35	Grass runway				279' 85m

TAKE-OFF

AIR CARRIER (JAA)

Main Rwy

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

CHANGES: Tower frequency. Rwy elev.

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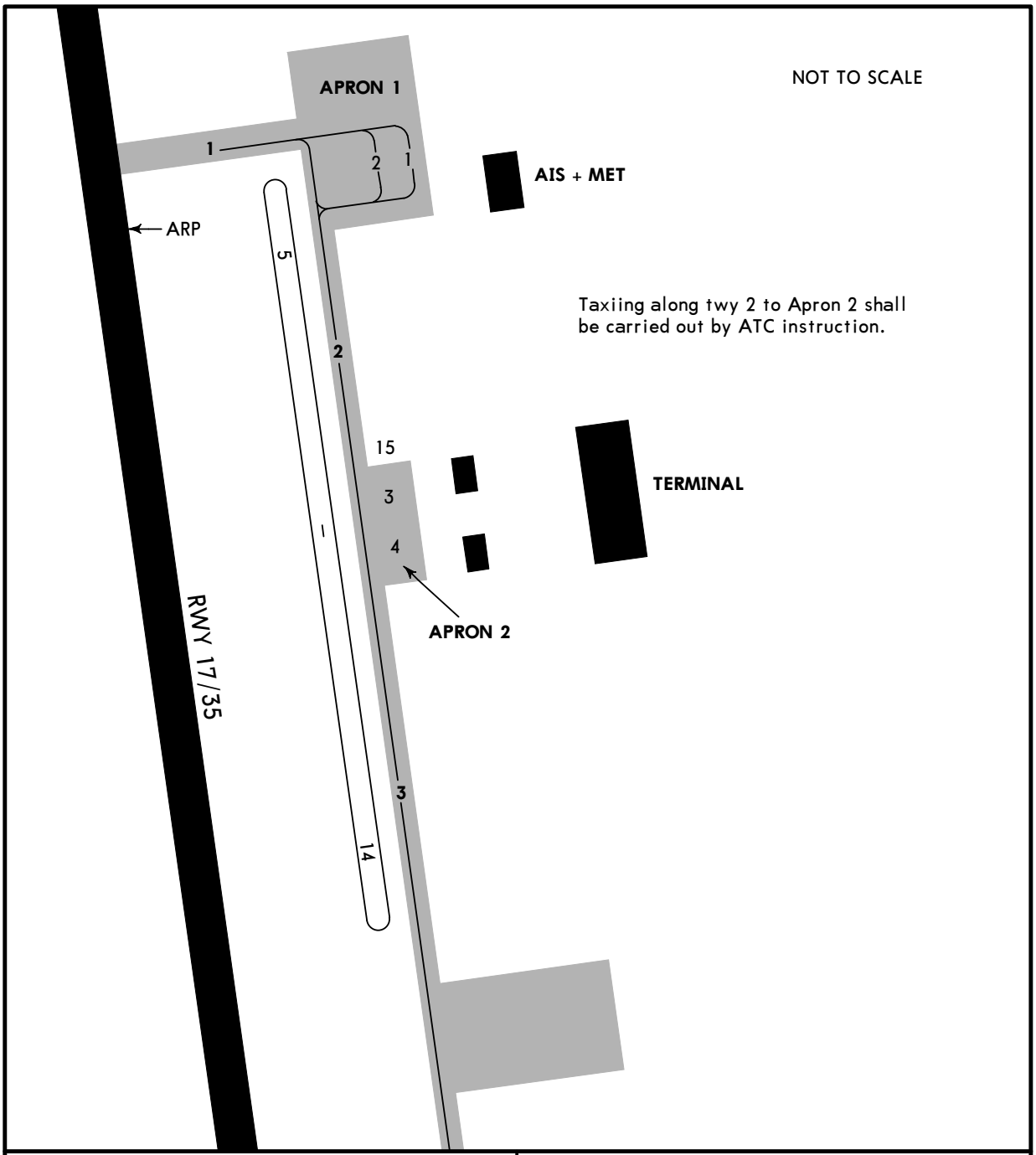

INS COORDINATES	
STAND No.	COORDINATES
6	N53 12.8 E034 10.8

CHANGES: None.

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UUBP/BZK
BRYANSK

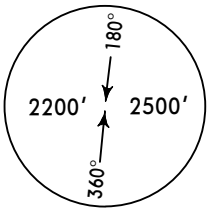
JEPPESEN
6 JUL 07 (11-1)

BRYANSK, RUSSIA
ILS or 2 NDB Rwy 35

BRIEFING STRIP ™

*BRYANSK Tower
118.5

LOC INU *109.9	Final Apch Crs 346°	GS LOM 1284′(640′)	ILS DA(H) 844′(200′)	Apt Elev 663′
NDB NU *325		Minimum Alt LOM 1290′(646′)	NDB MDA(H) 1000′(356′)	RWY 644′



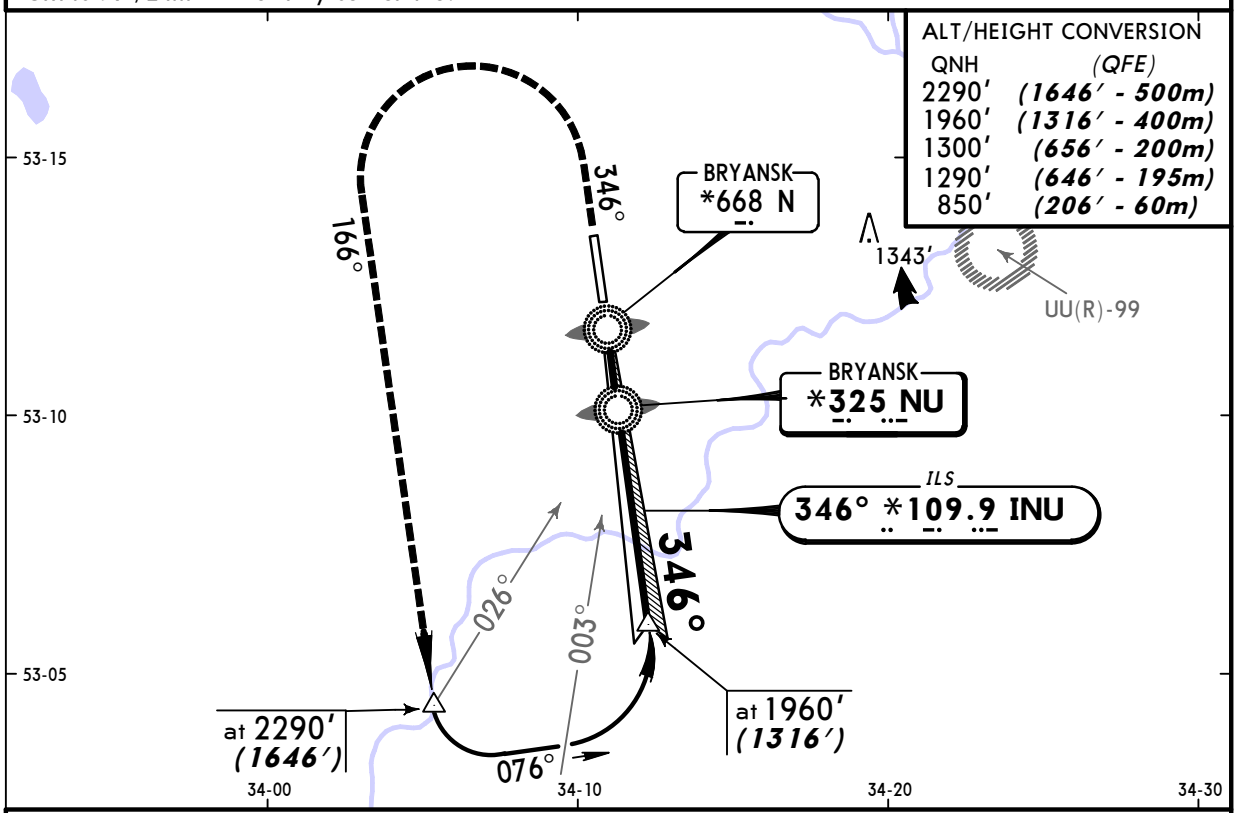
MSA
Airport

MISSED APCH: Climb on 346° to 1300′(656′), then turn LEFT onto 166° climbing to 2290′(1646′), then according to chart.

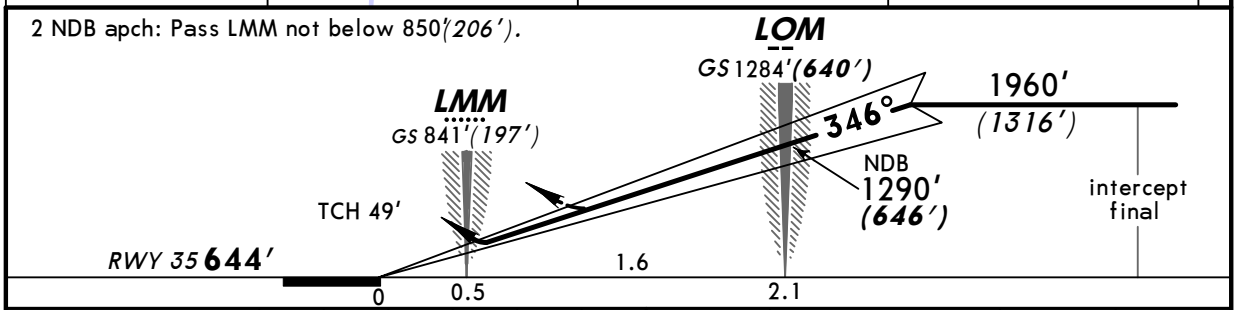
Alt Set: MM (hPa on req) QNH on req **(QFE)** Trans level: FL 39 Trans alt: 2290′(1646′)
LOM is 79′/24m LEFT of rwy centerline.

ALT/HEIGHT CONVERSION

QNH	(QFE)
2290′	(1646′ - 500m)
1960′	(1316′ - 400m)
1300′	(656′ - 200m)
1290′	(646′ - 195m)
850′	(206′ - 60m)



2 NDB apch: Pass LMM not below 850′(206′).



Gnd speed-Kts	70	90	100	120	140	160
ILS GS 2.67° or NDB Desc Grad 4.7 %	336	432	480	576	671	767

ALS: 1300′ (656′) on 346° | 166° LT | 2290′ (1646′)

STRAIGHT-IN LANDING RWY 35

	ILS DA(H) 844′ (200′) FULL	ILS DA(H) 844′ (200′) ALS out	LOC (GS out)	NDB MDA(H) 1000′ (356′)	NDB MDA(H) 1000′ (356′) ALS out
A	1200m		NOT AUTH	2000m	
B					
C					
D					

PANS OPS

CHANGES: Communications.

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UUBP/BZK
BRYANSK

JEPPESEN
6 JUL 07 (16-1)

BRYANSK, RUSSIA
2 NDB Rwy 17

BRIEFING STRIP ™

*BRYANSK Tower
118.5

NDB OD	Final Apch Crs	Minimum Alt LOM	MDA(H)	Apt Elev 663'
*325	166°	1320'(657')	970'(307')	RWY 663'

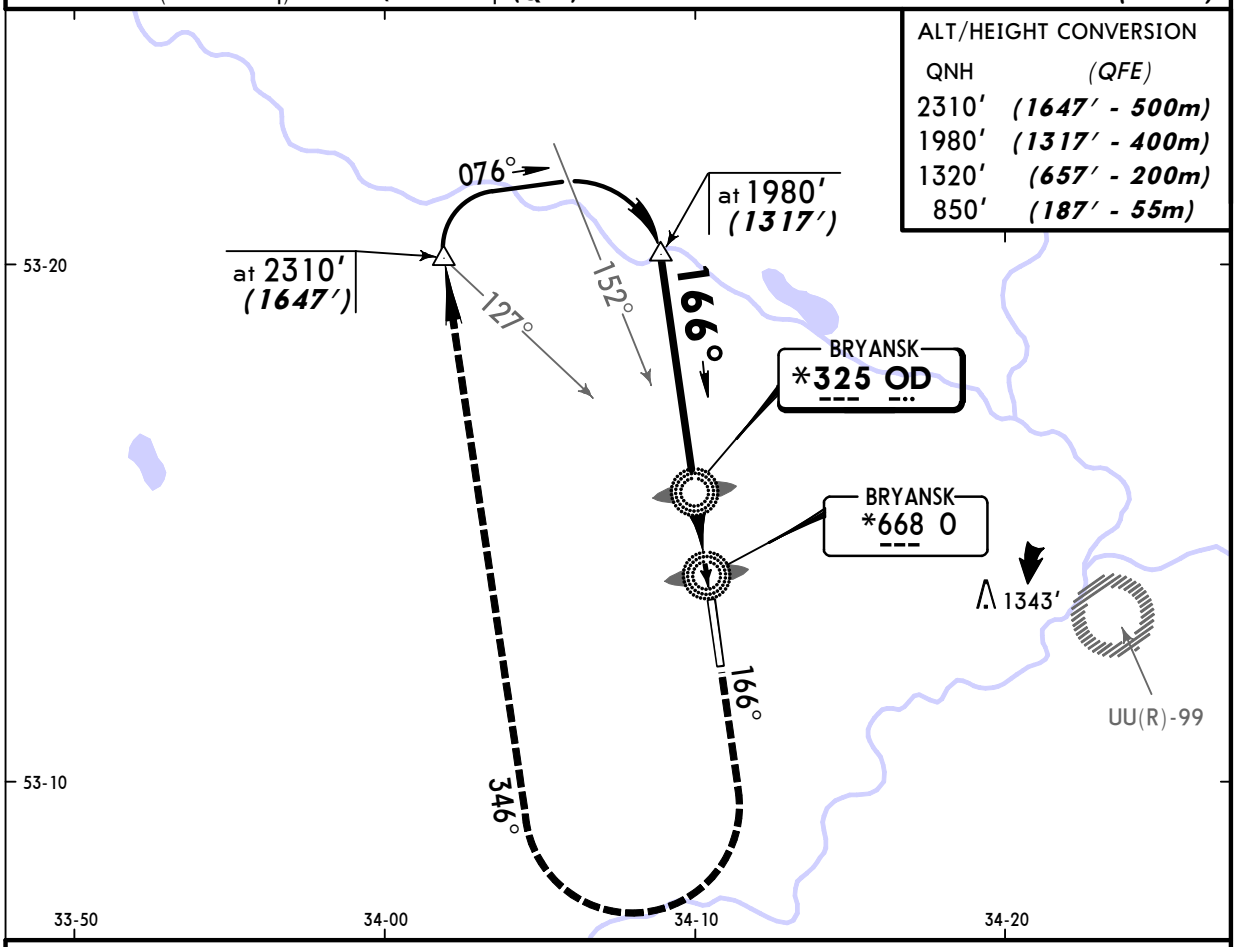
MISSED APCH: Climb on 166° to 1320'(657'), then turn RIGHT onto 346° climbing to 2310'(1647'), then according to chart.

180°
2200' 2500'
360°
MSA
Airport

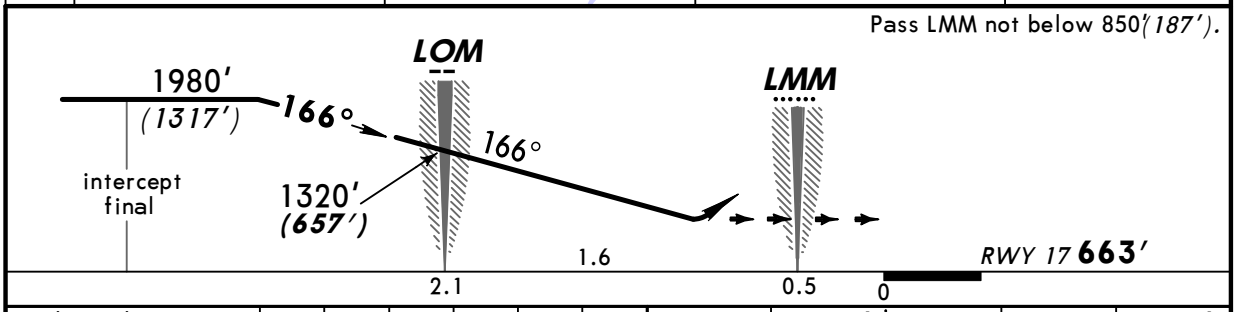
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2310' (1647')

ALT/HEIGHT CONVERSION

QNH	(QFE)
2310'	(1647' - 500m)
1980'	(1317' - 400m)
1320'	(657' - 200m)
850'	(187' - 55m)



Pass LMM not below 850'(187').



Gnd speed-Kts	70	90	100	120	140	160
Descent Gradient 4.9%	347	447	496	595	695	794

ALS

1320' (657') on 166°

346° RT

2310' (1647')

STRAIGHT-IN LANDING RWY 17

MDA(H) 970'(307')

ALS out

PANS OPS

A	1600m
B	
C	
D	

CHANGES: Communications.

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