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Changed chart(s) since Disc 26-2010

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 26-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UUOO

UUOO (Chertovitskoye)**General Info**

Voronezh, RUS

N 51° 48.9' E 39° 13.8' Mag Var: 7.6°E

Elevation: 514'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: 100-130, Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+3:00 uses DST

Runway Info

Runway 01-19 2297' x 328' grass

Runway 12-30 7546' x 161' concrete

Runway 01 (10.0°M) TDZE 512'

Runway 12 (123.0°M) TDZE 511'

Lights: Edge, ALS

Displaced Threshold Distance 230'

Runway 19 (190.0°M) TDZE 512'

Runway 30 (303.0°M) TDZE 487'

Lights: Edge, ALS

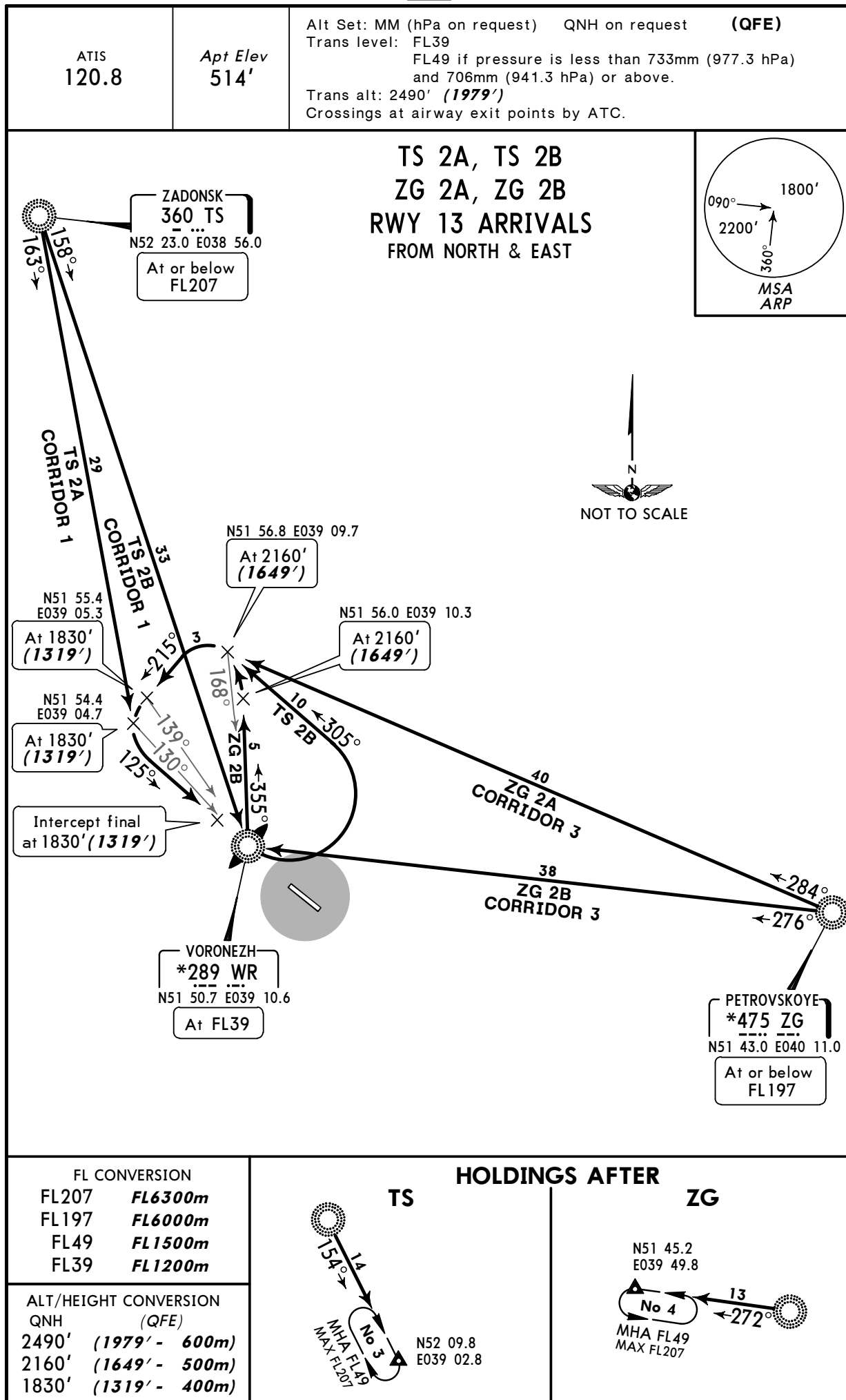
Displaced Threshold Distance 203'

Communications InfoATIS **120.8**Voronezh Tower **124.0**Voronezh Tower **121.8**Voronezh Tower **118.3**Voronezh Approach Control **125.9** Between 20700' and 4900' TCA MFVoronezh Approach Control **124.0** Between 20700' and 3000' SecondaryVoronezh Transit Operations **131.6****Notebook Info**

UU00/VOZ
CHERTOVITSKOYE

JEPPESSEN
13 FEB 09 **10-2**

VORONEZH, RUSSIA
STAR



CHANGES: ATIS commissioned.

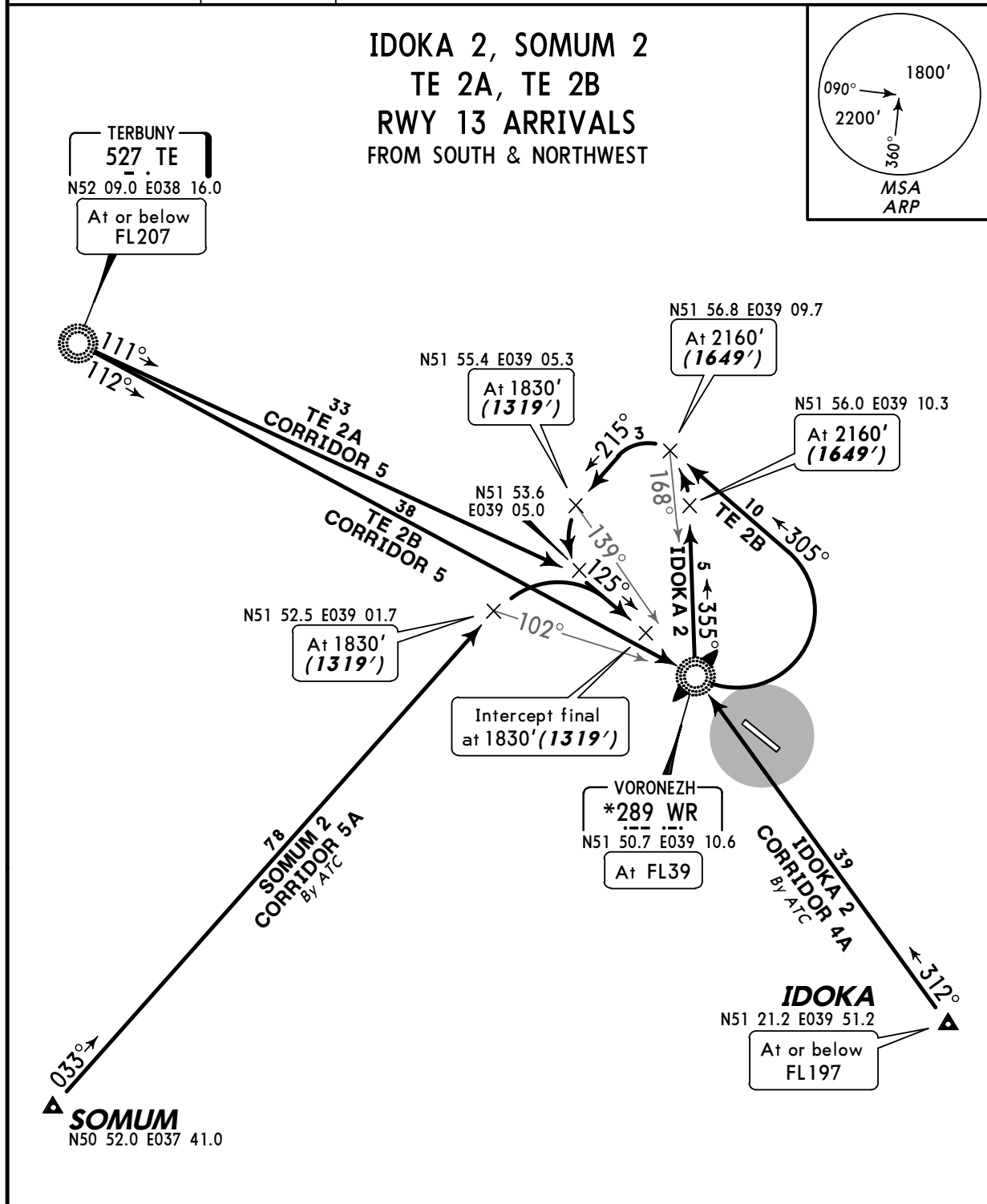
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UU00/VOZ
CHERTOVITSKOYE

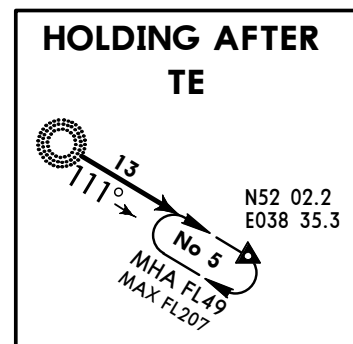
JEPPESSEN
13 FEB 09 **(10-2A)**

VORONEZH, RUSSIA
STAR

ATIS 120.8	Apt Elev 514'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 FL49 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above. Trans alt: 2490' (1979') Crossings at airway exit points by ATC.
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FL CONVERSION	
FL207	FL6300m
FL197	FL6000m
FL49	FL1500m
FL39	FL1200m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2490'	(1979' - 600m)
2160'	(1649' - 500m)
1830'	(1319' - 400m)



UU00/V0Z
CHERTOVITSKOYE

13 FEB 09

JEPPESEN

10-2B

VORONEZH, RUSSIA

STAR

ATIS

120.8

Apt Elev

514'

Alt Set: MM (hPa on request) QNH on request (QFE)

Trans level: FL39 if pressure is 733mm (977.3 hPa) or above.
FL49 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above.

Trans alt: 2490' (2003')

Crossings at airway exit points by ATC.

TS 4A, TS 4B, ZG 4

RWY 31 ARRIVALS

FROM NORTH & EAST

090°

1800'

2200'

360°

MSA

ARP

N

NOT TO SCALE

ZADONSK

360 TS

N52 23.0 E038 56.0

At or below FL207

VORONEZH

*595 A

N51 48.2 E039 15.2

At FL39

VORONEZH

*289 AP

N51 46.6 E039 18.2

Intercept final at 1800' (1313')

N51 50.7 E039 21.4

At 2130' (1643')

N51 47.8 E039 26.5

N51 47.6 E039 27.4

At 2130' (1643')

N51 44.7 E039 25.3

At 1800' (1313')

N51 44.2 E039 23.2

At 1800' (1313')

PETROVSKOYE

*475 ZG

N51 43.0 E040 11.0

At or below FL197

FL CONVERSION

FL207	FL6300m
FL197	FL6000m
FL49	FL1500m
FL39	FL1200m

ALT/HEIGHT CONVERSION

QNH	(QFE)
2490'	(2003' - 600m)
2130'	(1643' - 500m)
1800'	(1313' - 400m)

HOLDINGS AFTER

TS

154°

14

No 3

N52 09.8 E039 02.8

MHA FL49

MAX FL207

ZG

N51 45.2 E039 49.8

13

No 4

N51 43.0 E040 11.0

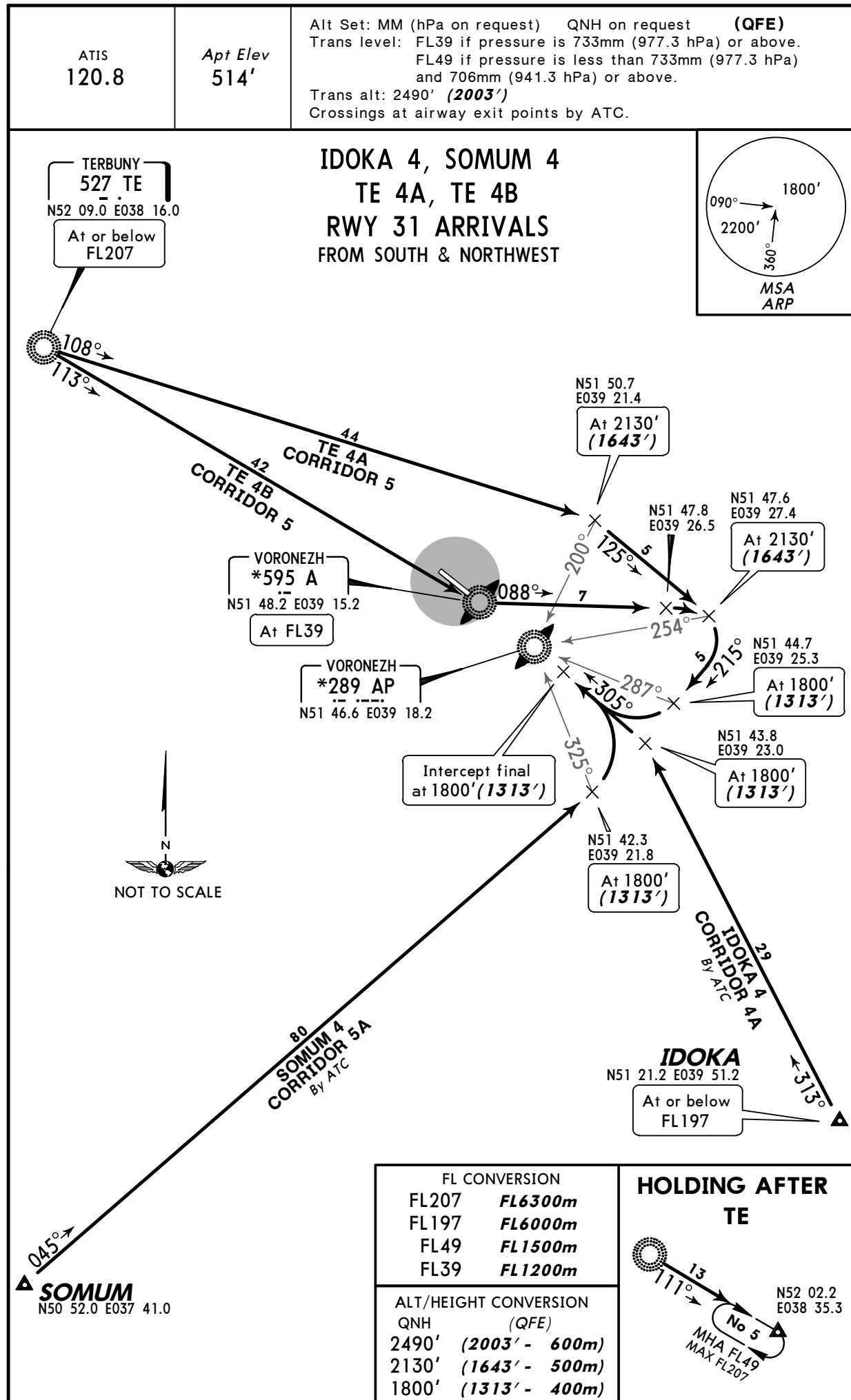
MHA FL49

MAX FL207

UU00/VOZ
CHERTOVITSKOYE

JEPPesen
13 FEB 09 **(10-2C)**

VORONEZH, RUSSIA
STAR



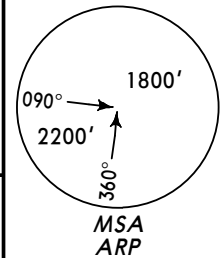
UU00/VOZ
CHERTOVITSKOYE

JEPPESEN
2 JAN 09 **10-3** **Eff 15 Jan**

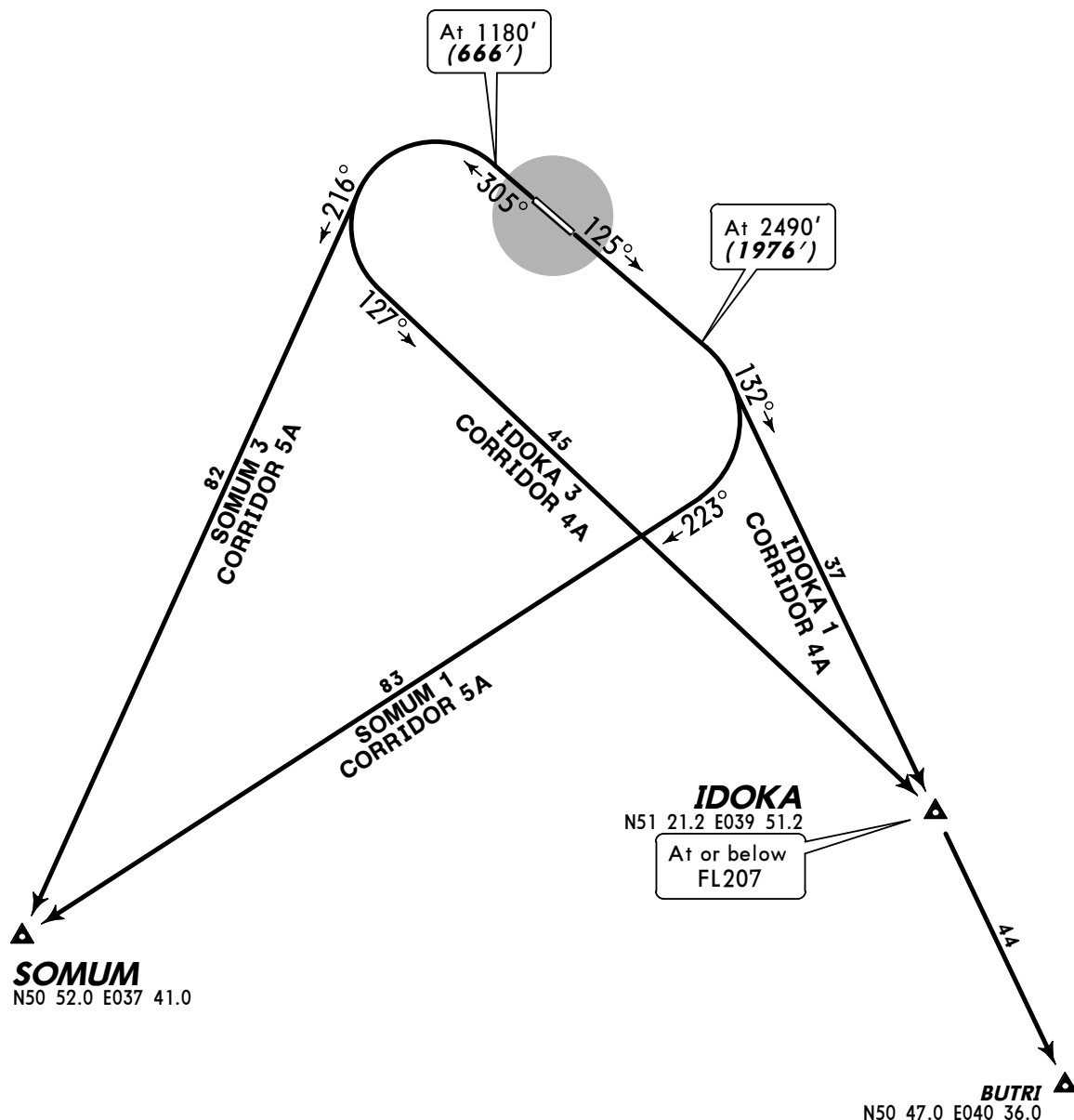
VORONEZH, RUSSIA
SID

Apt Elev
514'

QNH on request **(QFE)**
Trans level: **FL39**
FL49 if pressure is less than 733mm (977.3 hPa)
and 706mm (941.3 hPa) or above.
Trans alt: **2490' (1976')**
Crossings at airway exit points by ATC.



IDOKA 1, IDOKA 3
SOMUM 1, SOMUM 3
RWYS 13, 31 DEPARTURES
BY ATC



ALT/HEIGHT CONVERSION
QNH **(QFE)**
1180' (666' - 200m)
2490' (1976' - 600m)

FL CONVERSION
FL39 FL1200m
FL49 FL1500m
FL207 FL6300m



UU00/VOZ
CHERTOVITSKOYEJEPPESEN
2 JAN 09 **(10-3A)** Eff 15 Jan

VORONEZH, RUSSIA

SID

Apt Elev
514'

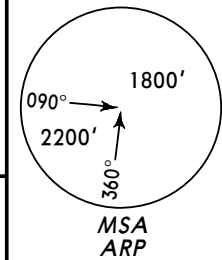
QNH on request (QFE)

Trans level: FL39

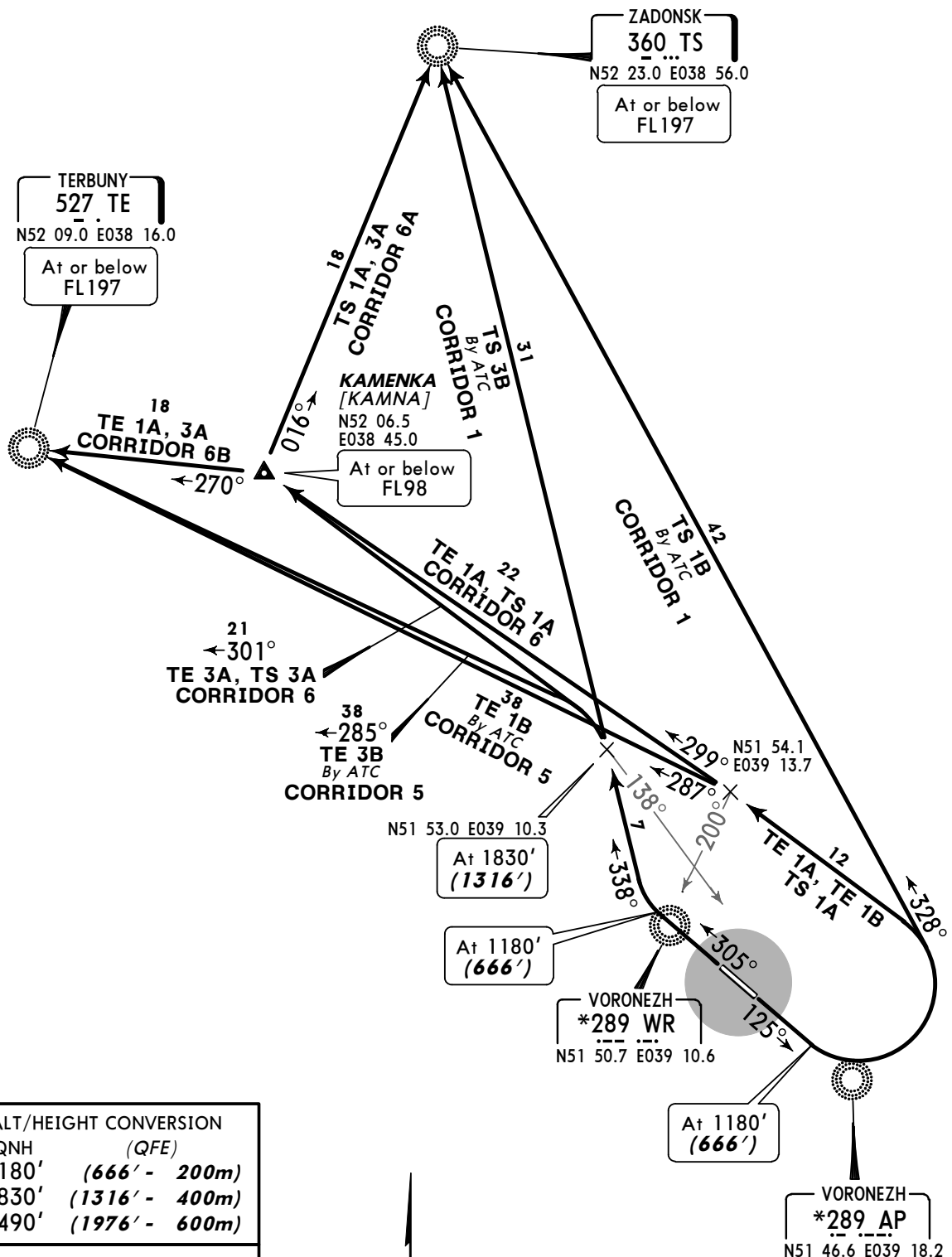
FL49 if pressure is less than 733mm (977.3 hPa)
and 706mm (941.3 hPa) or above.

Trans alt: 2490' (1976')

Crossings at airway exit points by ATC.



TE 1A, TE 3A, TE 1B, TE 3B
TS 1A, TS 3A, TS 1B, TS 3B
RWYS 13, 31 DEPARTURES



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1180'	(666' - 200m)
1830'	(1316' - 400m)
2490'	(1976' - 600m)

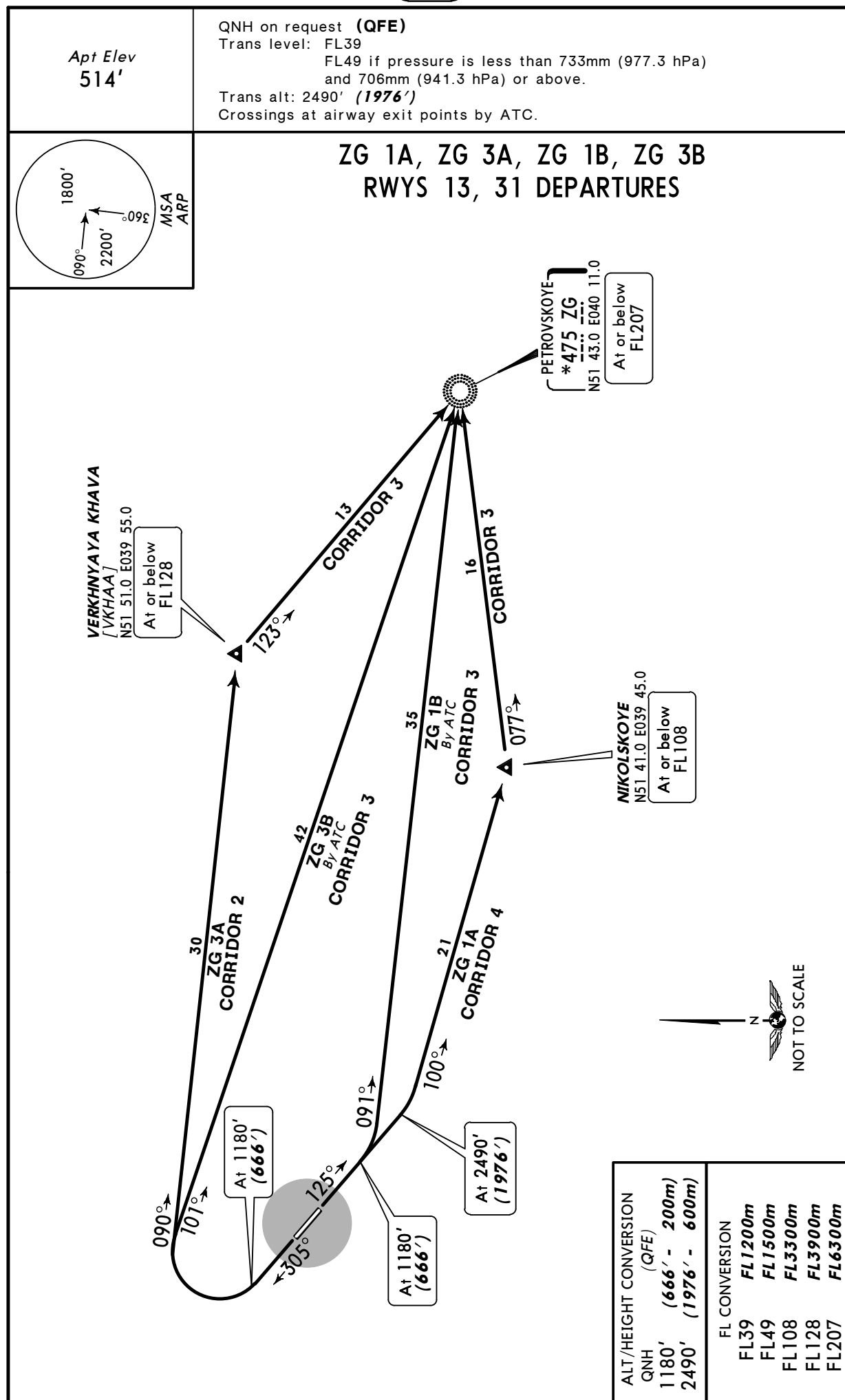
FL CONVERSION	
FL39	FL1200m
FL49	FL1500m
FL98	FL3000m
FL197	FL6000m



UU00/VOZ
CHERTOVITSKOYE

JEPPesen
 27 APR 07 **(10-3B)** **Eff 10 May**

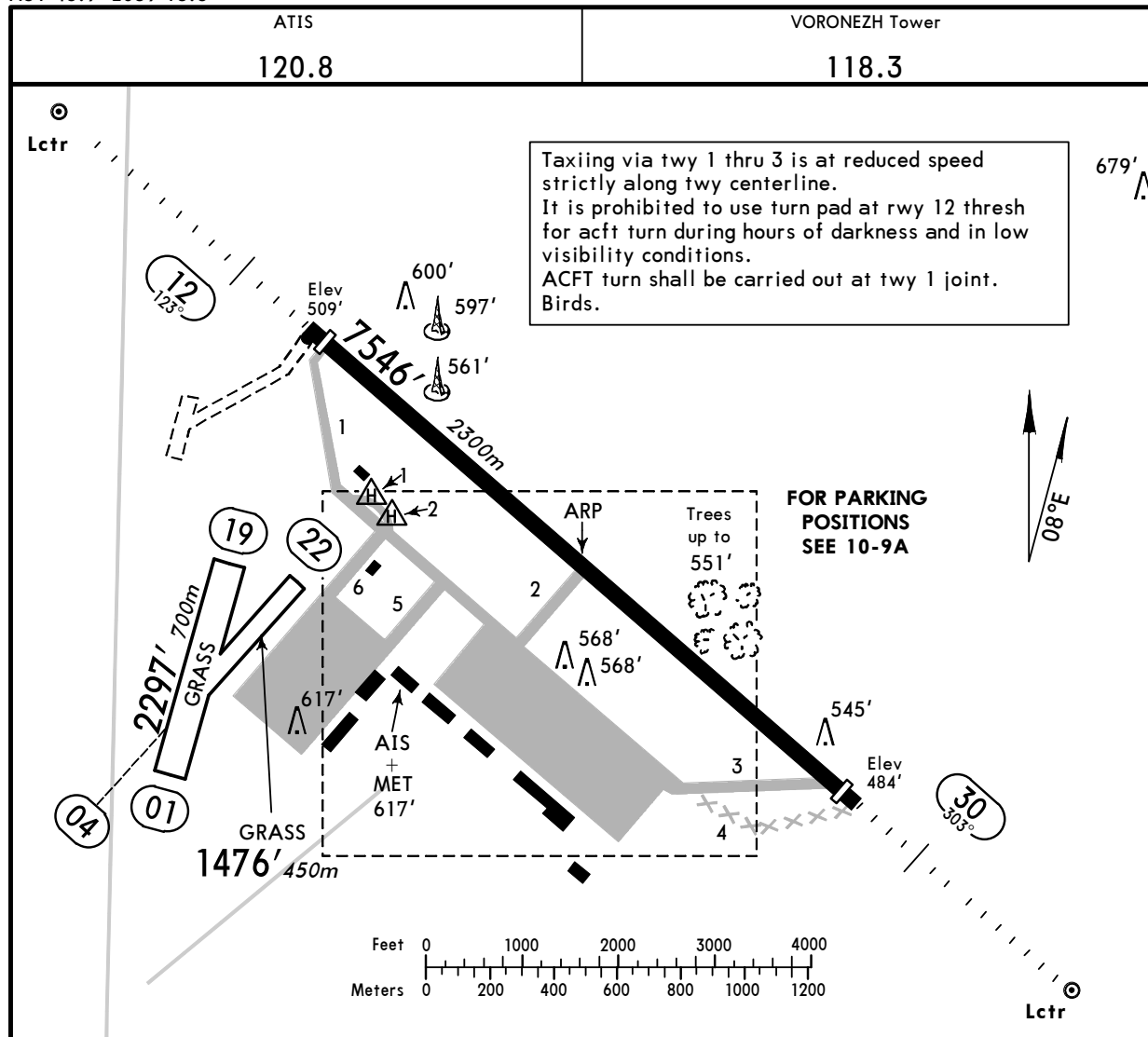
VORONEZH, RUSSIA
SID



UU00/VOZ
Apt Elev **514'**
N51 48.9 E039 13.8

JEPPesen
22 OCT 10 **(10-9)**

VORONEZH, RUSSIA
CHERTOVITSKOYE



ADDITIONAL RUNWAY INFORMATION

			USABLE LENGTHS		TAKE-OFF	WIDTH
			LANDING BEYOND			
RWY			Threshold	Glide Slope		
01						328' 100m
19						
04						197' 60m
22						
12	RL (60m) ALS	RVR	7316' 2230m	6798' 2072m	7382' 2250m①	161' 49m
30			7343' 2238m	6978' 2127m		

① First 164'/50m unusable for take-off.

TAKE-OFF

AIR CARRIER (JAA)

Rwy 12/30

LVP must be in force

RCLM (DAY only)
or RL

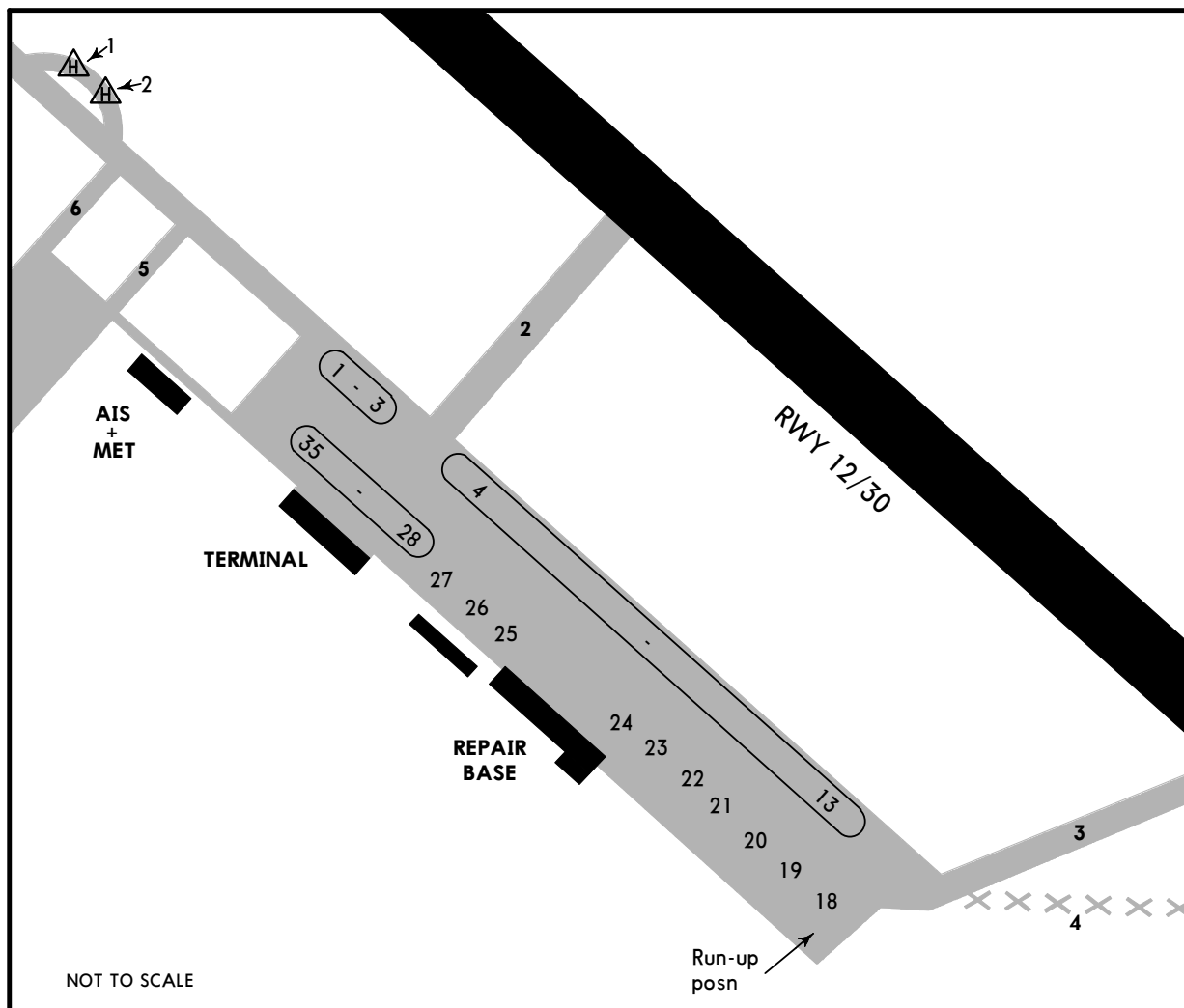
RCLM (DAY only)
or RL

A		
B	250m	400m
C		
D	300m	

UU00/VOZ

JEPPESEN
 22 OCT 10 (10-9A)

VORONEZH, RUSSIA
 CHERTOVITSKOYE



INS COORDINATES

STAND No.	COORDINATES
4	N51 48.8 E039 14.0
5	N51 48.8 E039 14.1
26, 27	N51 48.7 E039 14.1
34, 35	N51 48.8 E039 13.6

Parking on stands 1 thru 13 shall be carried out by towing.
 Exit from stands 28 thru 35 shall be carried out by towing.
 Stands 1 thru 13 and 18, 19 available for helicopters.

UU00/VOZ


JEPPESEN
 22 OCT 10 **10-9S**
Standard
VORONEZH, RUSSIA
 CHERTÓVITSKOYE

STRAIGHT-IN RWY		A	B	C	D
12	ILS	711' (200')	711' (200')	711' (200')	711' (200')
		R1000m	R1000m	R1000m	R1000m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB ①	890' (379')	890' (379')	890' (379')	890' (379')
		R1500m	R1500m	R1500m	R1500m
30	<i>ALS out</i>	R1700m	R1700m	R1700m	R1700m
	NDB ①	930' (419')	930' (419')	930' (419')	930' (419')
		R1700m	R1700m	R1700m	R1700m
	<i>ALS out</i>	R1900m	R1900m	R1900m	R1900m
	ILS	687' (200')	687' (200')	687' (200')	694' (207')
		R1000m	R1000m	R1000m	R1000m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB ①	860' (373')	860' (373')	860' (373')	860' (373')
		R1500m	R1500m	R1500m	R1500m
	<i>ALS out</i>	R1700m	R1700m	R1700m	R1700m
	NDB ①	1440' (953')	1440' (953')	1440' (953')	1440' (953')
		C4300m	C4300m	C4300m	C4300m
	<i>ALS out</i>	C4500m	C4500m	C4500m	C4500m

① Continuous Descent Final Approach.

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		

UU00/VOZ


JEPPESEN
22 OCT 10 **10-9X**
JAA MINIMUMS
VORONEZH, RUSSIA
 CHERTÓVITSKOYE

STRAIGHT-IN RWY		A	B	C	D
12	ILS	711' (200')	711' (200')	711' (200')	711' (200')
		R800m	R800m	R800m	R800m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB	890' (379')	890' (379')	890' (379')	890' (379')
		R1300m	R1400m	R1600m	R1800m
30	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	WR LOM	930' (419')	930' (419')	930' (419')	930' (419')
		R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	ILS	687' (200')	687' (200')	687' (200')	694' (207')
		R800m	R800m	R800m	R800m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB	860' (373')	860' (373')	860' (373')	860' (373')
		R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	AP LOM	1440' (953')	1440' (953')	1440' (953')	1440' (953')
		R1500m	R1500m	R1800m	R2000m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m

TAKE-OFF RWY 12, 30

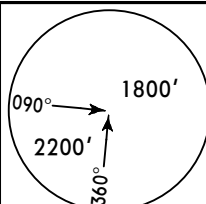
LVP must be in Force		RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	RCLM (DAY only) or RL			
B	250m	400m		500m
C				
D	300m			

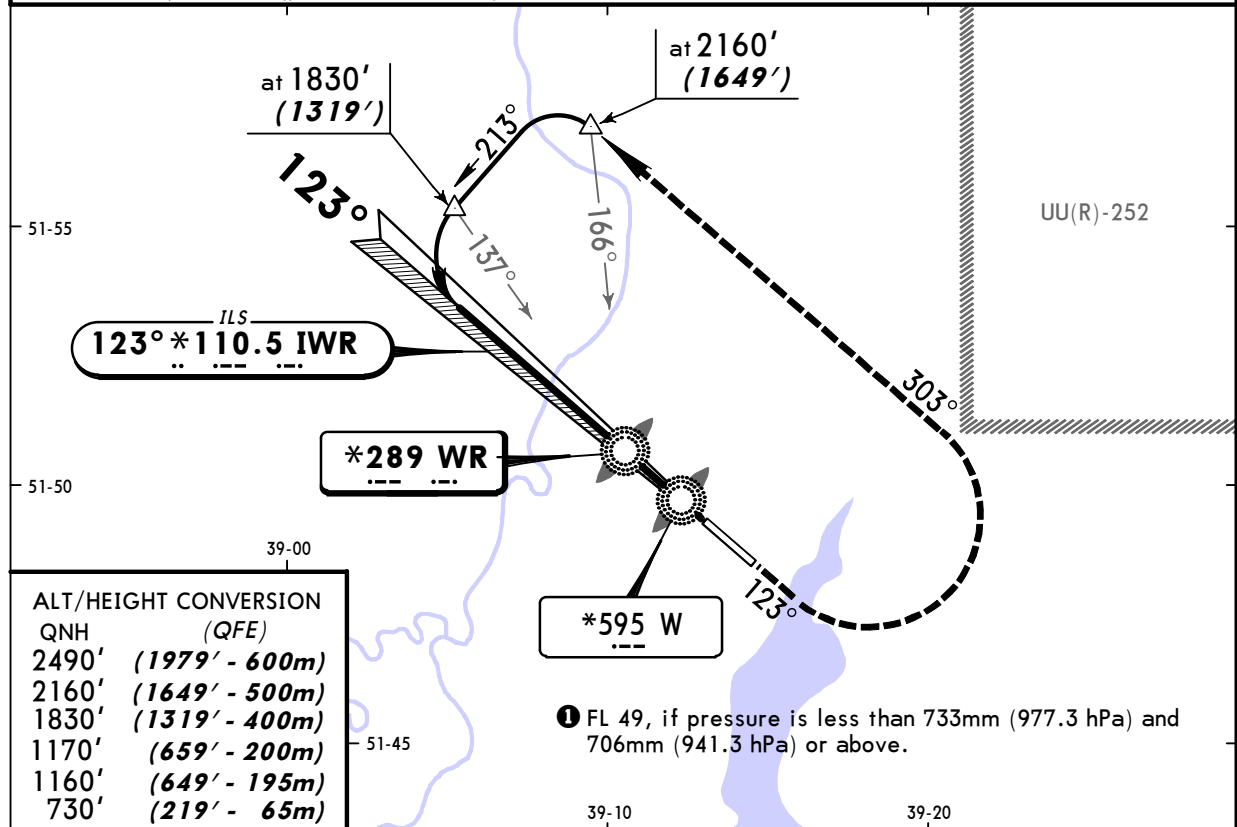
UU00/VOZ
CHERTOVITSKOYE

JEPPESEN
22 OCT 10 **(11-1)**

VORONEZH, RUSSIA
ILS or 2 NDB or NDB Rwy 12

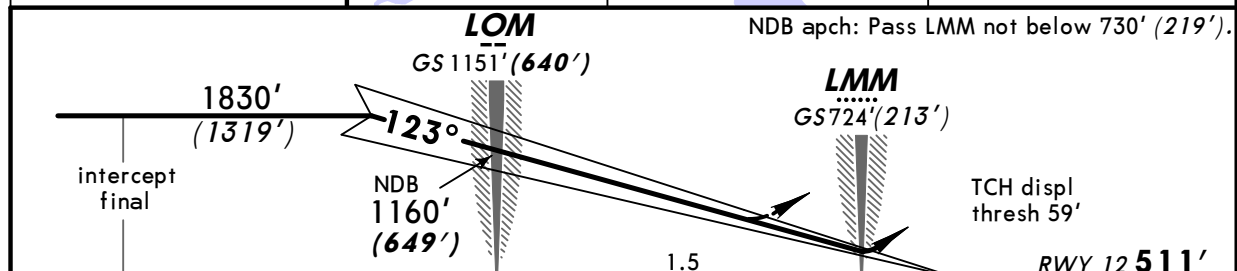
BRIEFING STRIP

ATIS		VORONEZH Approach		VORONEZH Tower		
120.8		125.9		118.3		
LOC IWR *110.5	Final Apch Crs 123°	GS LOM 1151' (640')	ILS DA(H) 711' (200')	Apt Elev 514' RWY 511'		
NDB WR *289		Minimum Alt LOM 1160' (649')	NDB MDA(H) Refer to Minimums			
MISSED APCH: Climb on 123° to 1170' (659'), then turn LEFT onto 303° climbing to 2160' (1649'), then according to chart.						MSA ARP
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39 1		
				Trans alt: 2490' (1979')		



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2490'	(1979' - 600m)
2160'	(1649' - 500m)
1830'	(1319' - 400m)
1170'	(659' - 200m)
1160'	(649' - 195m)
730'	(219' - 65m)

1 FL 49, if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above.



TO DISPLACED THRESHOLD						
Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Desc angle 2.67°	336	432	480	576	671	767

STRAIGHT-IN LANDING RWY 12			
ILS	LOC (GS out)	2 NDB	WR LOM
DA(H) 711' (200')		MDA(H) 890' (379')	MDA(H) 930' (419')
FULL	ALS out	ALS out	ALS out
A			
B			
C	1200m	2100m	2400m
D			

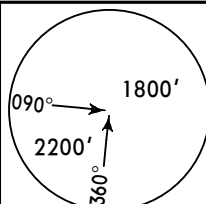
PANS OPS

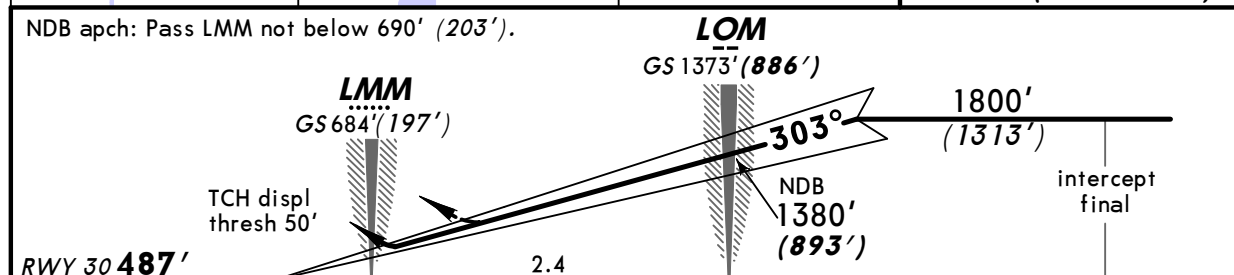
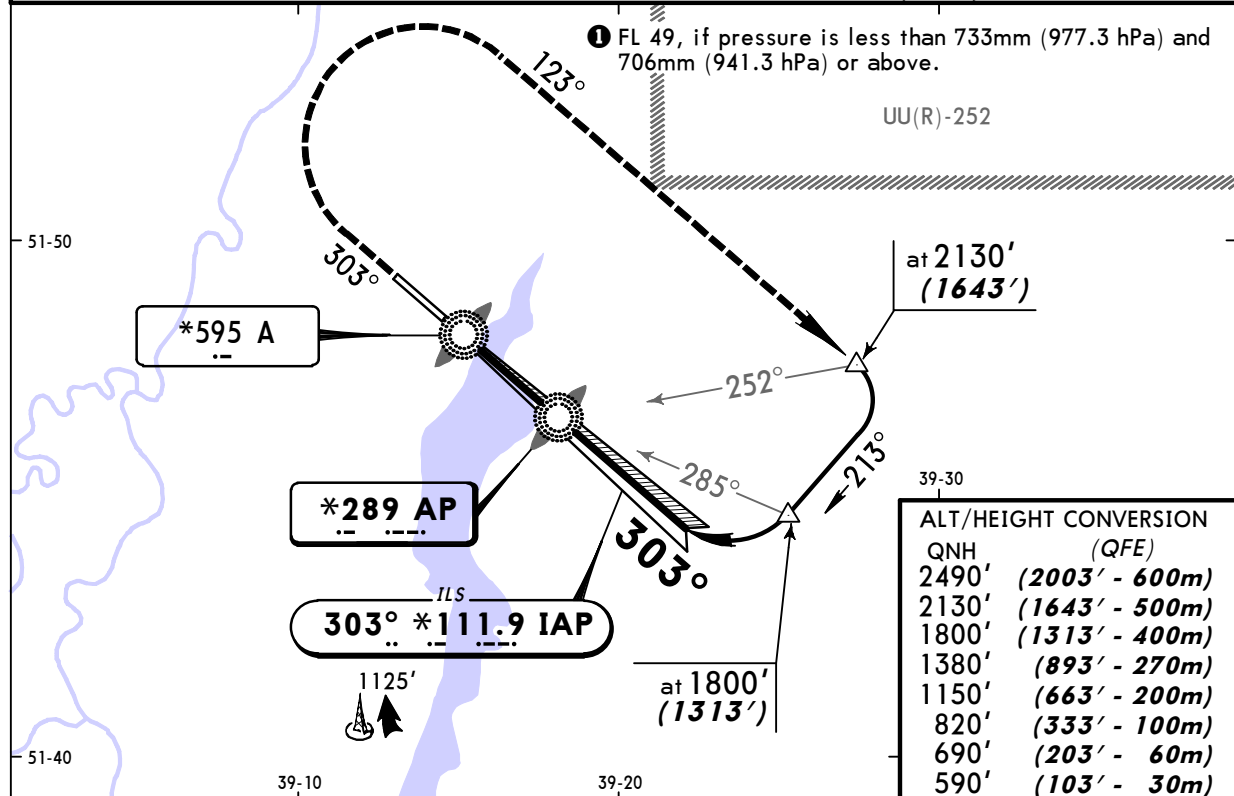
UU00/VOZ
CHERTOVITSKOYE

JEPPesen
22 OCT 10 **(11-2)**

VORONEZH, RUSSIA
ILS or 2 NDB or NDB Rwy 30

BRIEFING STRIP

ATIS		VORONEZH Approach			VORONEZH Tower	
120.8		125.9			118.3	
LOC IAP *111.9	Final Apch Crs 303°	GS LOM 1373'(886')	ILS DA(H) Refer to Minimums	Apt Elev 514' RWY 487'		
NDB AP *289		Minimum Alt LOM 1380'(893')	NDB MDA(H) Refer to Minimums			
MISSED APCH: Climb on 303° to 1150'(663'), then turn RIGHT onto 123° climbing to 2130'(1643'), then according to chart.						MSA ARP
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 1 Trans alt: 2490'(2003') 1. Wind shear with downdraughts may be expected on final. 2. Under conditions of air turbulence short activation of ground proximity warning system may arise between 820'(333') and 590'(103').						



Gnd speed-Kts		70	90	100	120	140	160	TO DISPLACED THRESHOLD	
ILS GS or NDB Desc angle 2.67°		336	432	480	576	671	767	1150' (663') on 303°	123° RT 2130' (1643')

ILS DA(H) ABC: 687' (200') D: 694' (207')		STRAIGHT-IN LANDING RWY 30 2 NDB		AP LOM	
FULL	ALS out	LOC (GS out)	MDA(H) 860' (373')	MDA(H) 1440' (953')	
			ALS out	ALS out	
A					3200m
B					
C	1200m		2100m		4800m
D					

PANS OPS