

Page 1

Changed chart(s) since Disc 09-2011

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
-----	-----------------	-------	----------	----------

No revision activity since Disc 09-2011

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

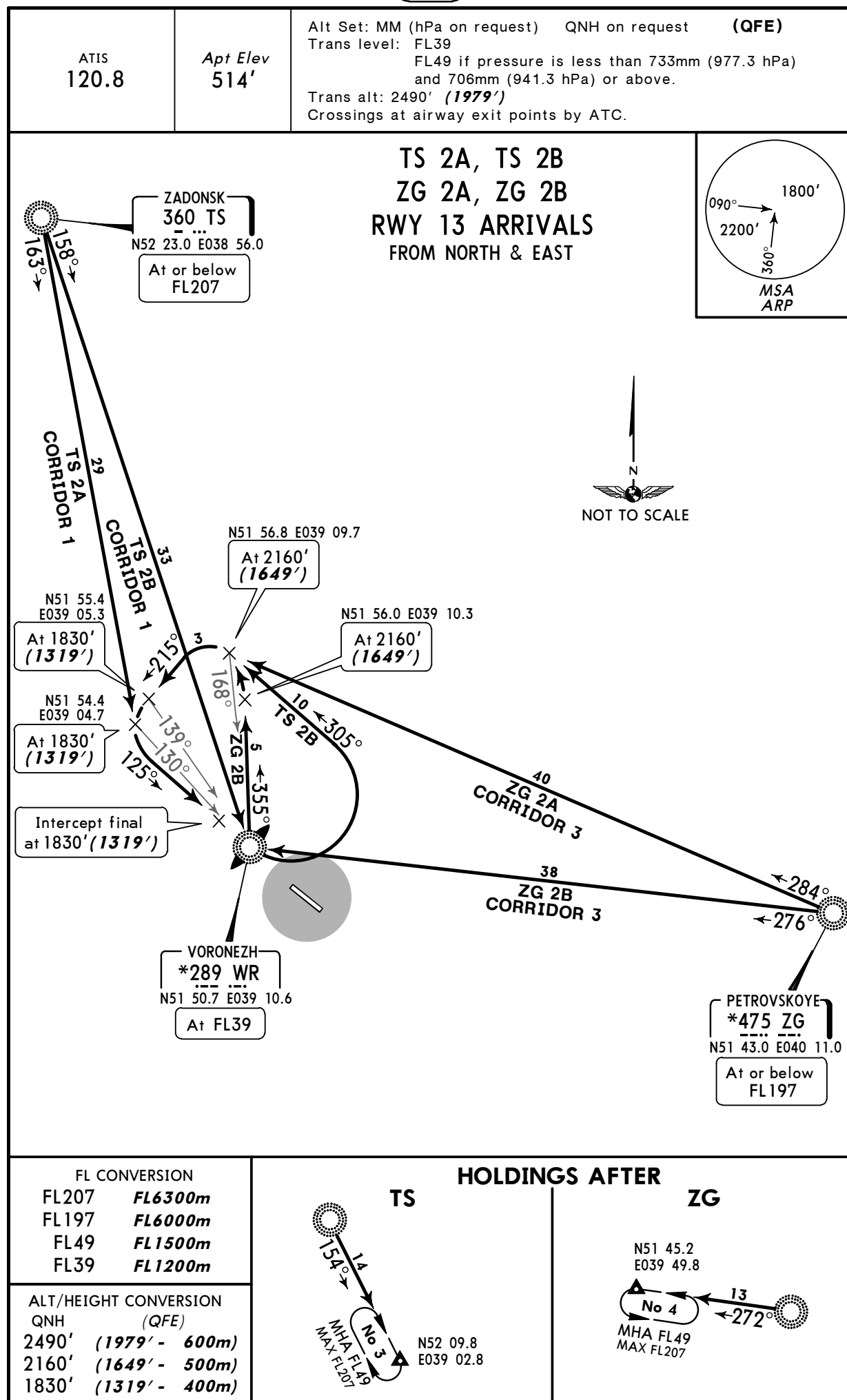
Displaced Threshold Distance 203'

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

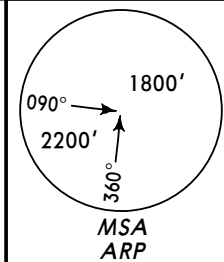
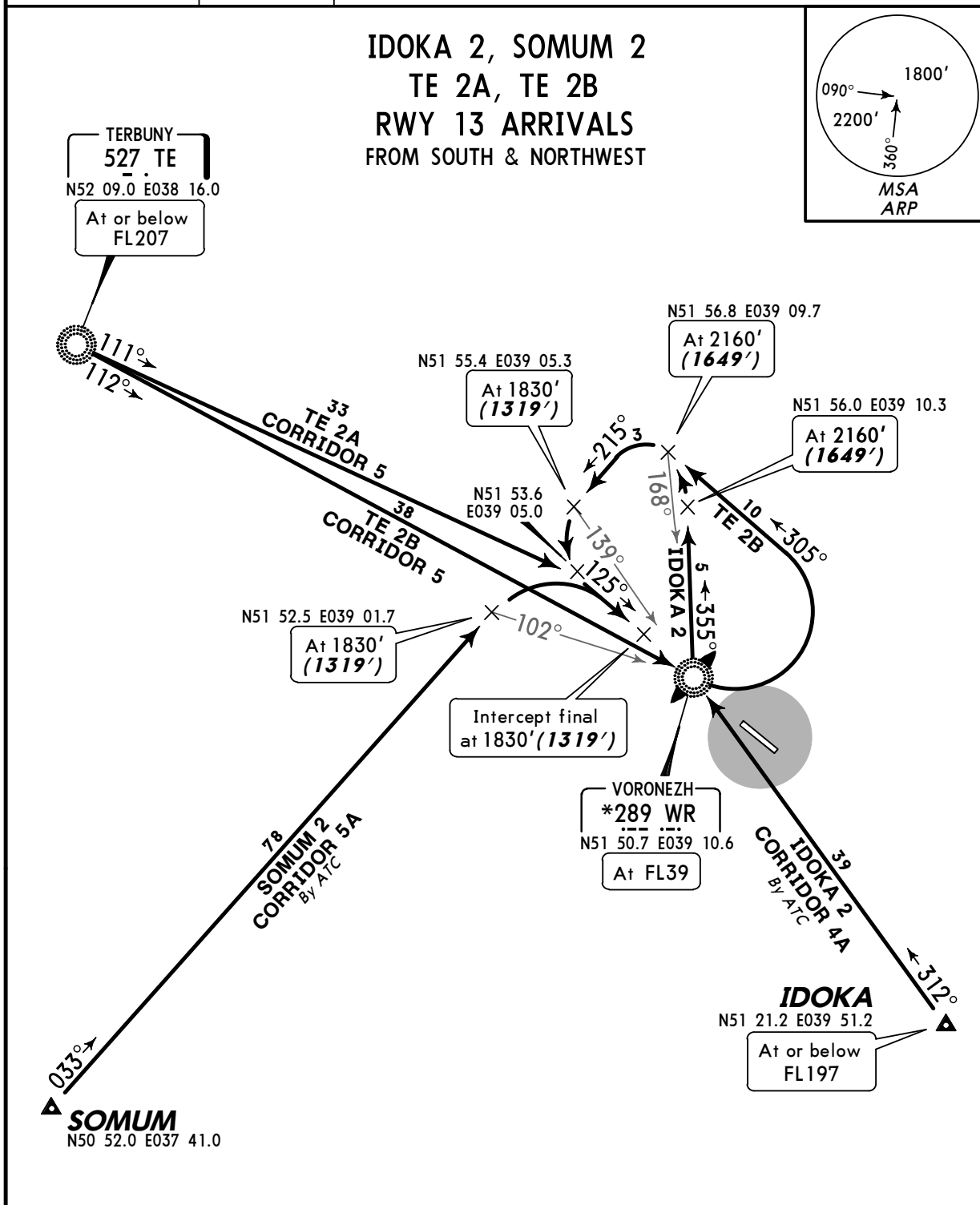


UU00/VOZ
CHERTOVITSKOYE

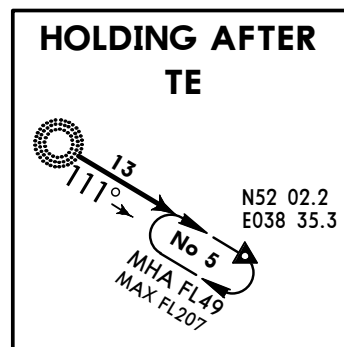
JEPPESSEN
 13 FEB 09 **(10-2A)**

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.
----------------------	-------------------------	--



FL CONVERSION	
FL207	FL6300m
FL197	FL6000m
FL49	FL1500m
FL39	FL1200m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2490'	(1979' - 600m)
2160'	(1649' - 500m)
1830'	(1319' - 400m)

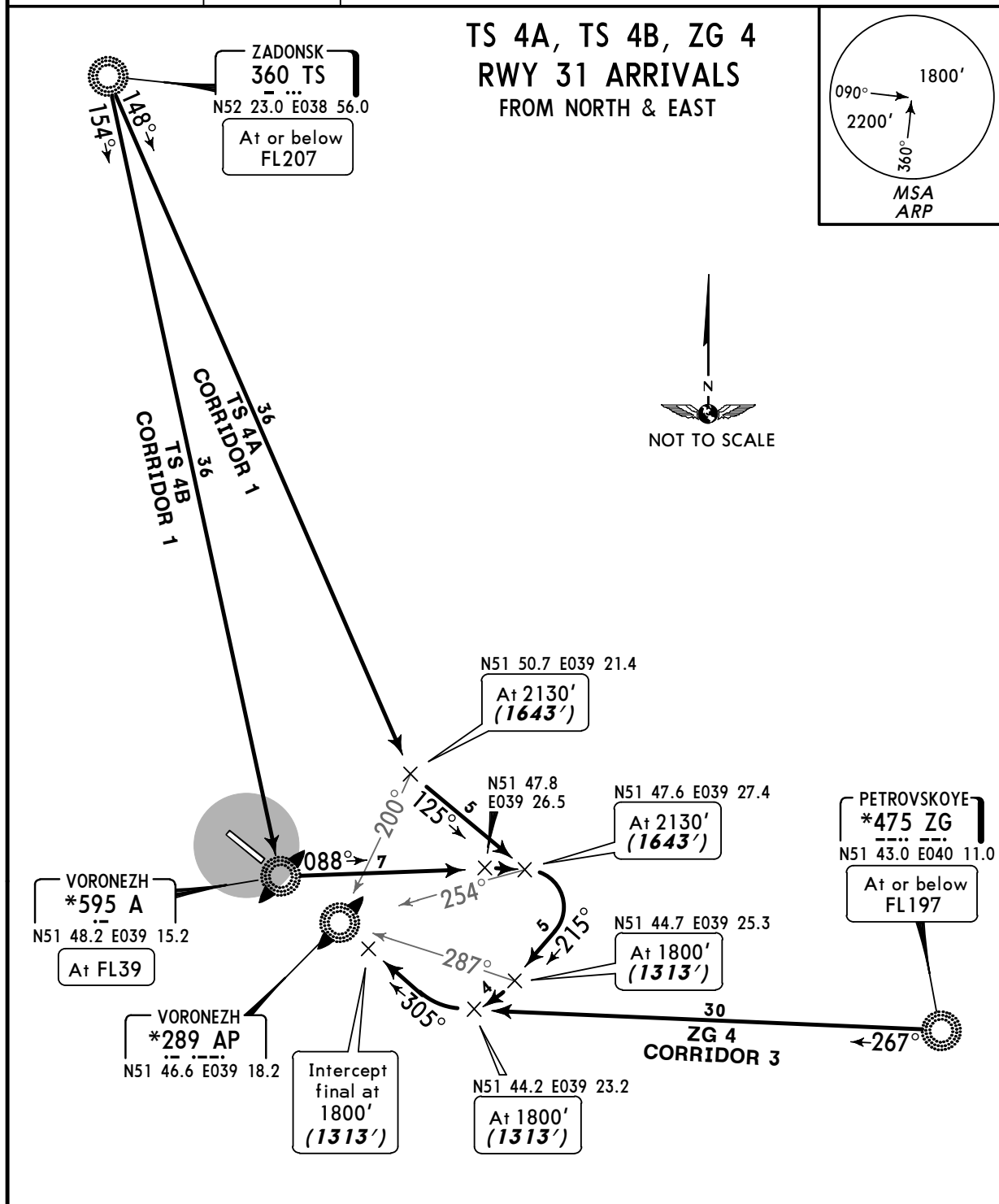


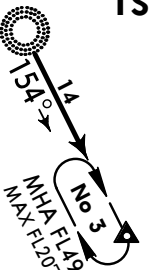
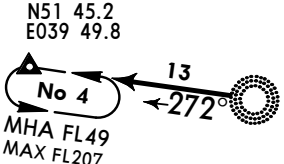
UU00/VOZ
CHERTOVITSKOYE

JEPPesen
13 FEB 09 **(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.
----------------------	-------------------------	---

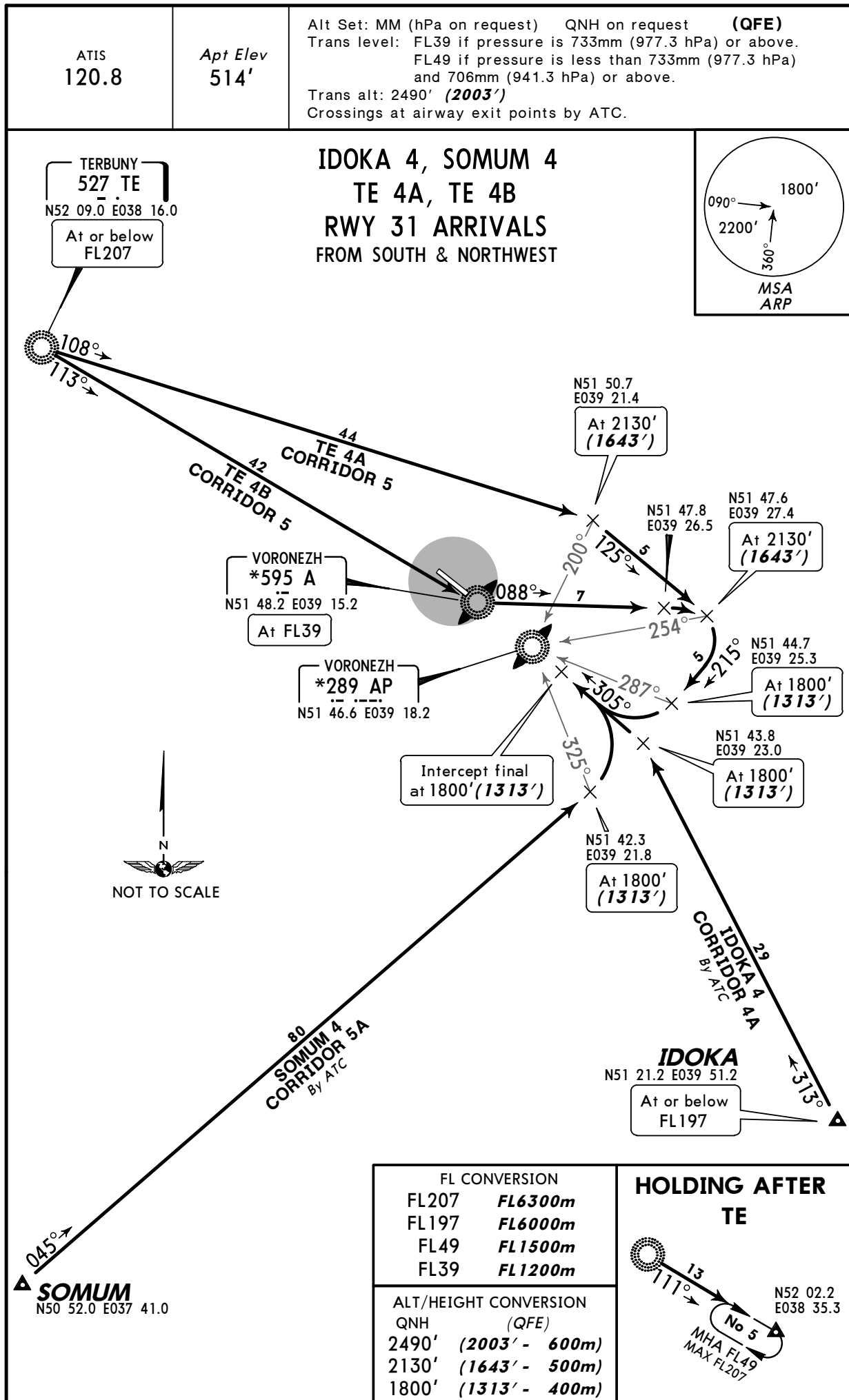


FL CONVERSION FL207 FL6300m FL197 FL6000m FL49 FL1500m FL39 FL1200m	HOLDINGS AFTER TS  ZG 
ALT/HEIGHT CONVERSION QNH (QFE) 2490' (2003' - 600m) 2130' (1643' - 500m) 1800' (1313' - 400m)	

UU00/VOZ
CHERTOVITSKOYE

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

VORONEZH, RUSSIA
STAR



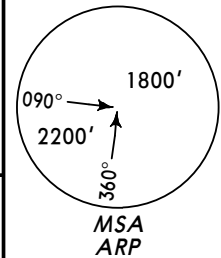
UU00/VOZ
CHERTOVITSKOYE

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

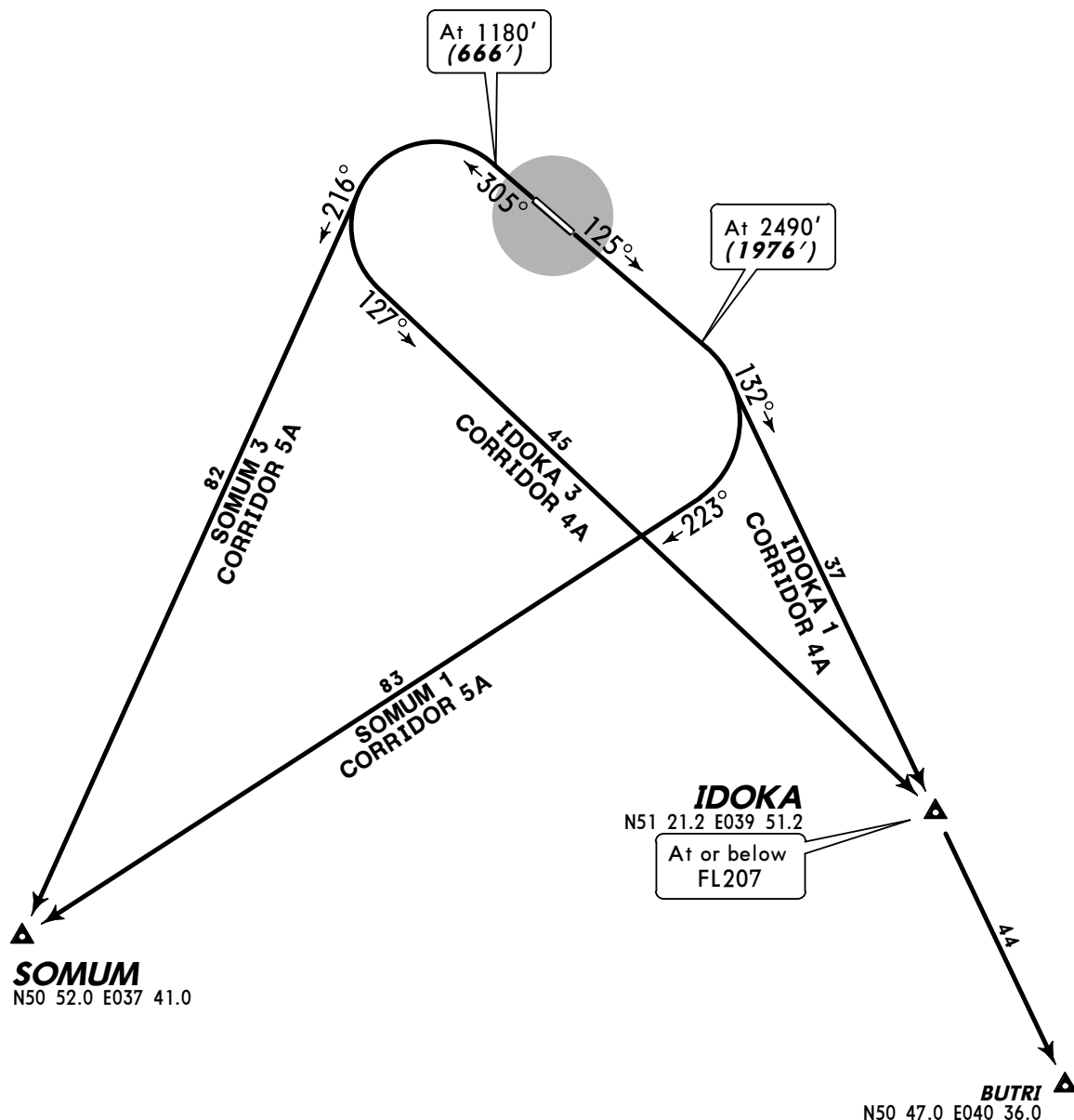
VORONEZH, RUSSIA
SID

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**



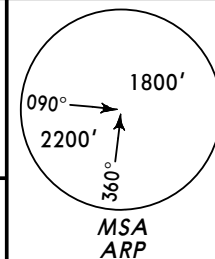
UU00/VOZ
CHERTOVITSKOYE

JEPPESEN
2 JAN 09 **(10-3A)** **Eff 15 Jan**

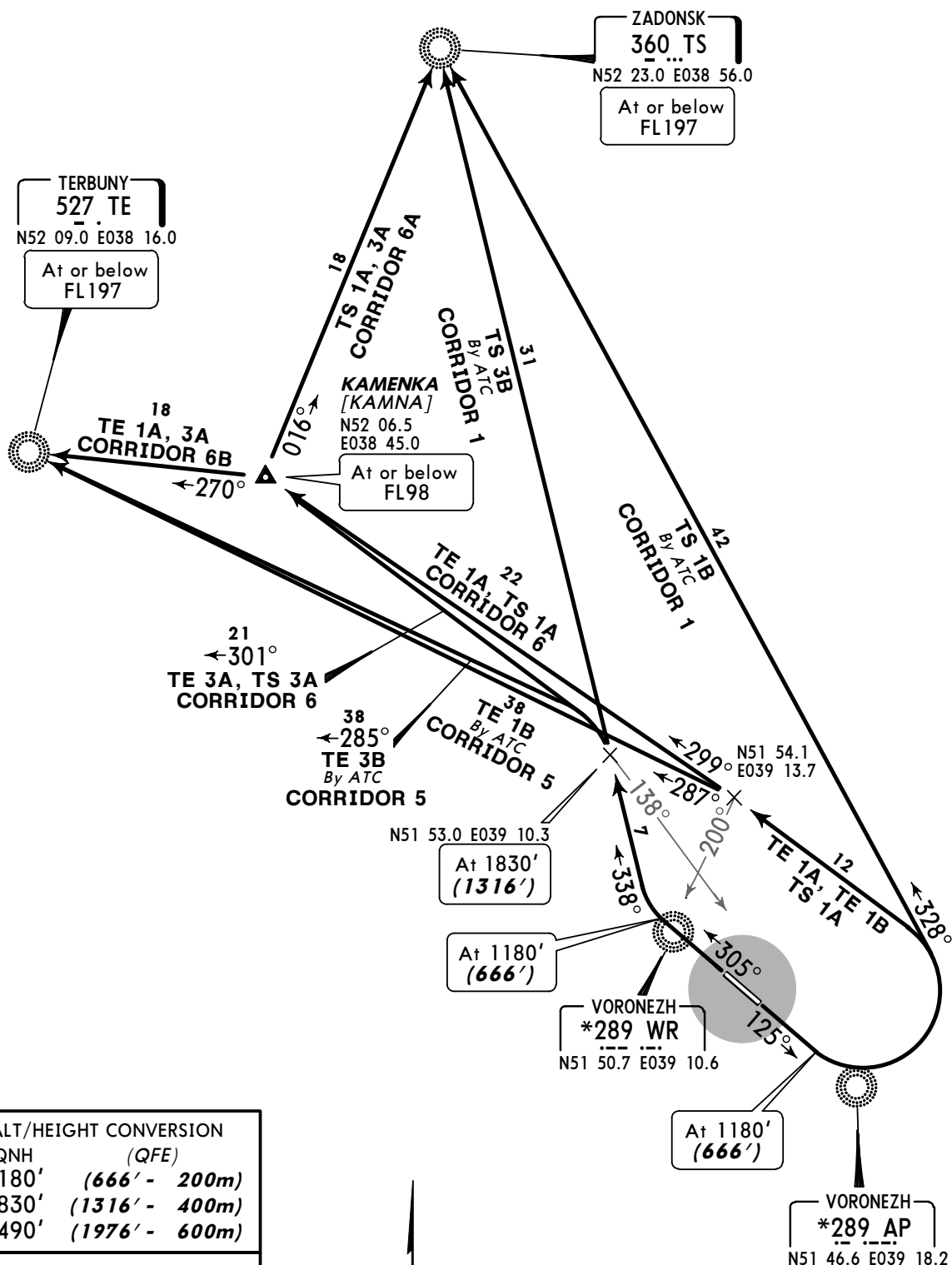
VORONEZH, RUSSIA
SID

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)

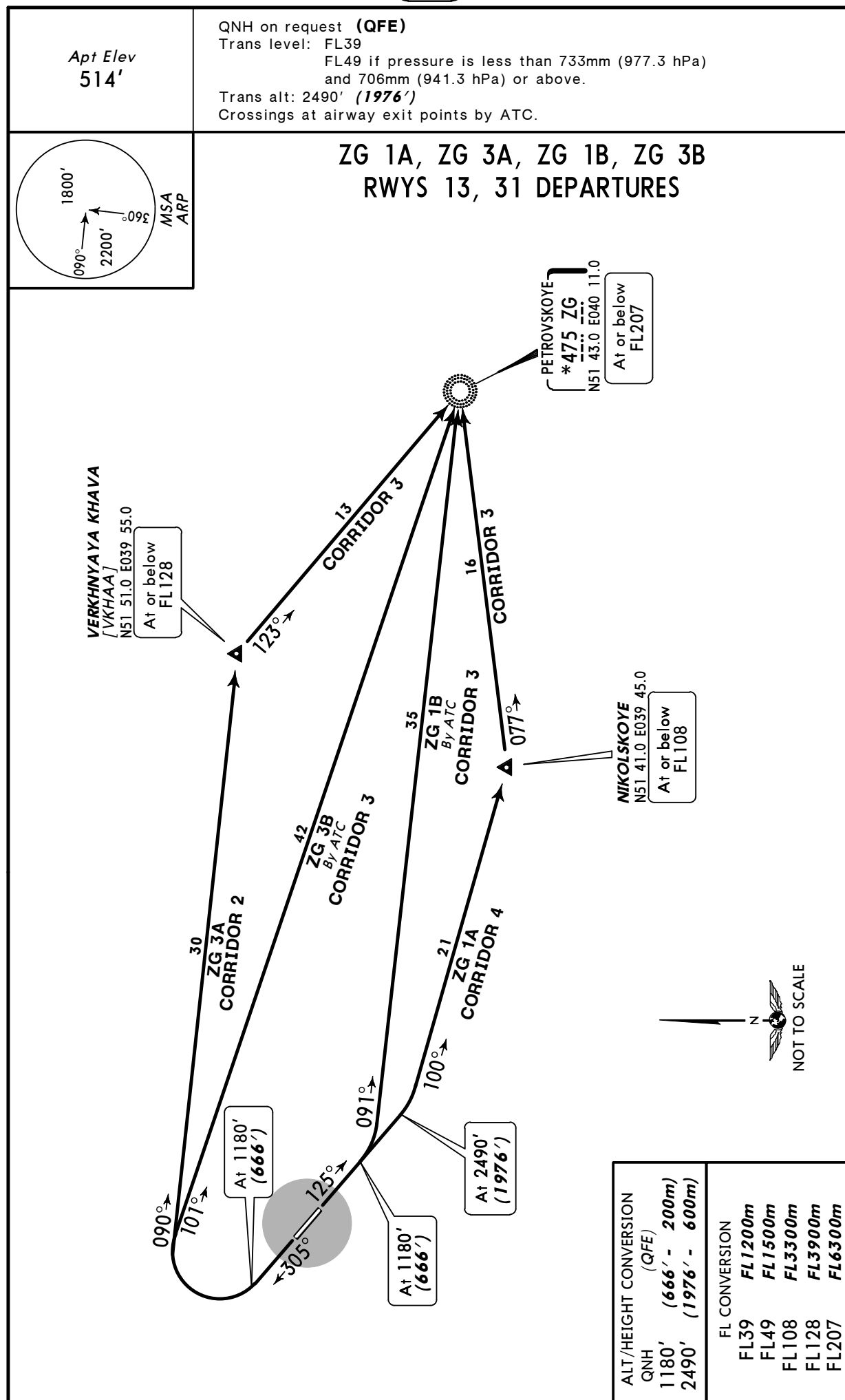
FL CONVERSION	
FL39	FL1200m
FL49	FL1500m
FL98	FL3000m
FL197	FL6000m



UU00/VOZ
CHERTOVITSKOYE

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

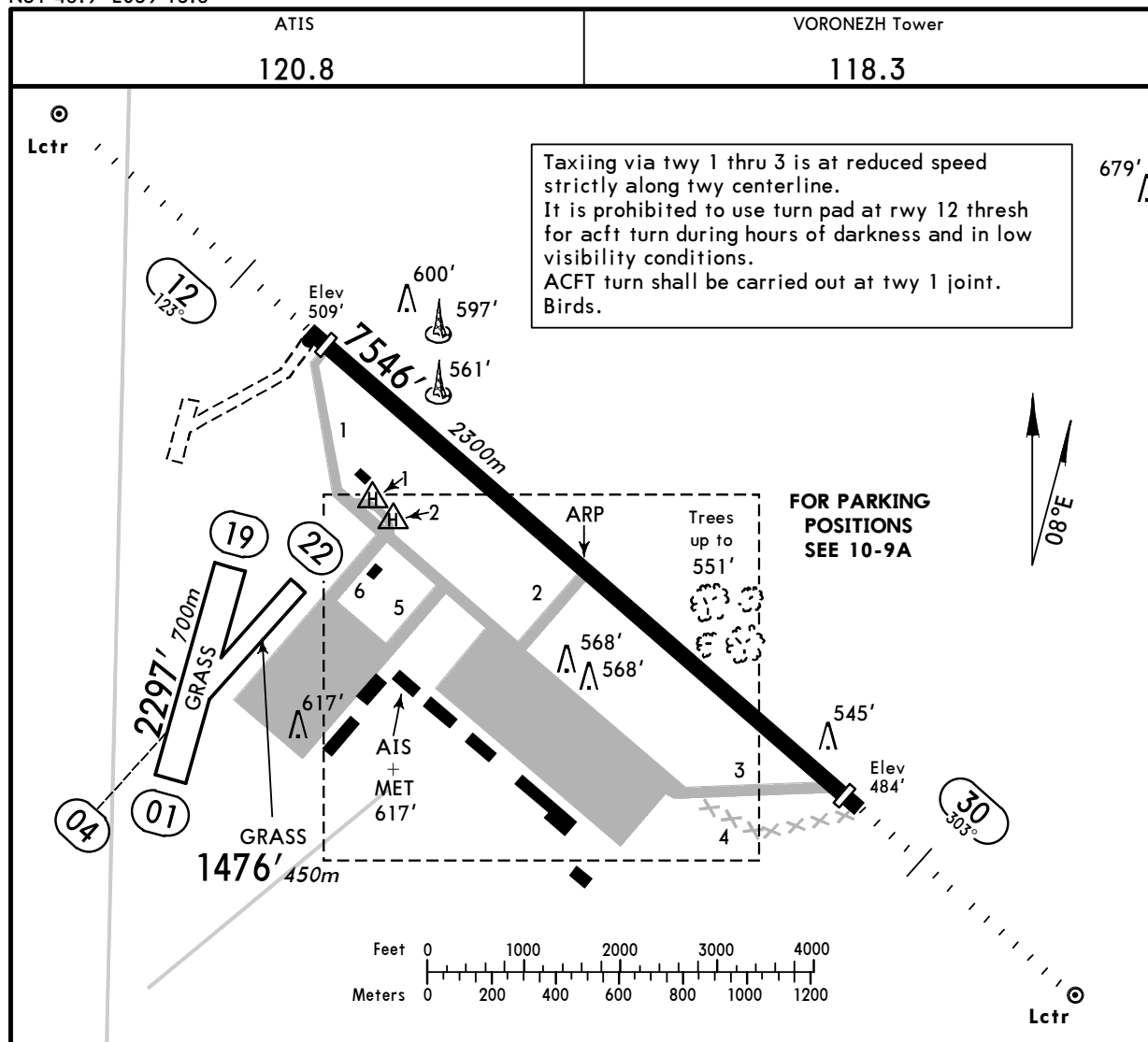
VORONEZH, RUSSIA
SID



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' 2250m ①	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
C
D

250m

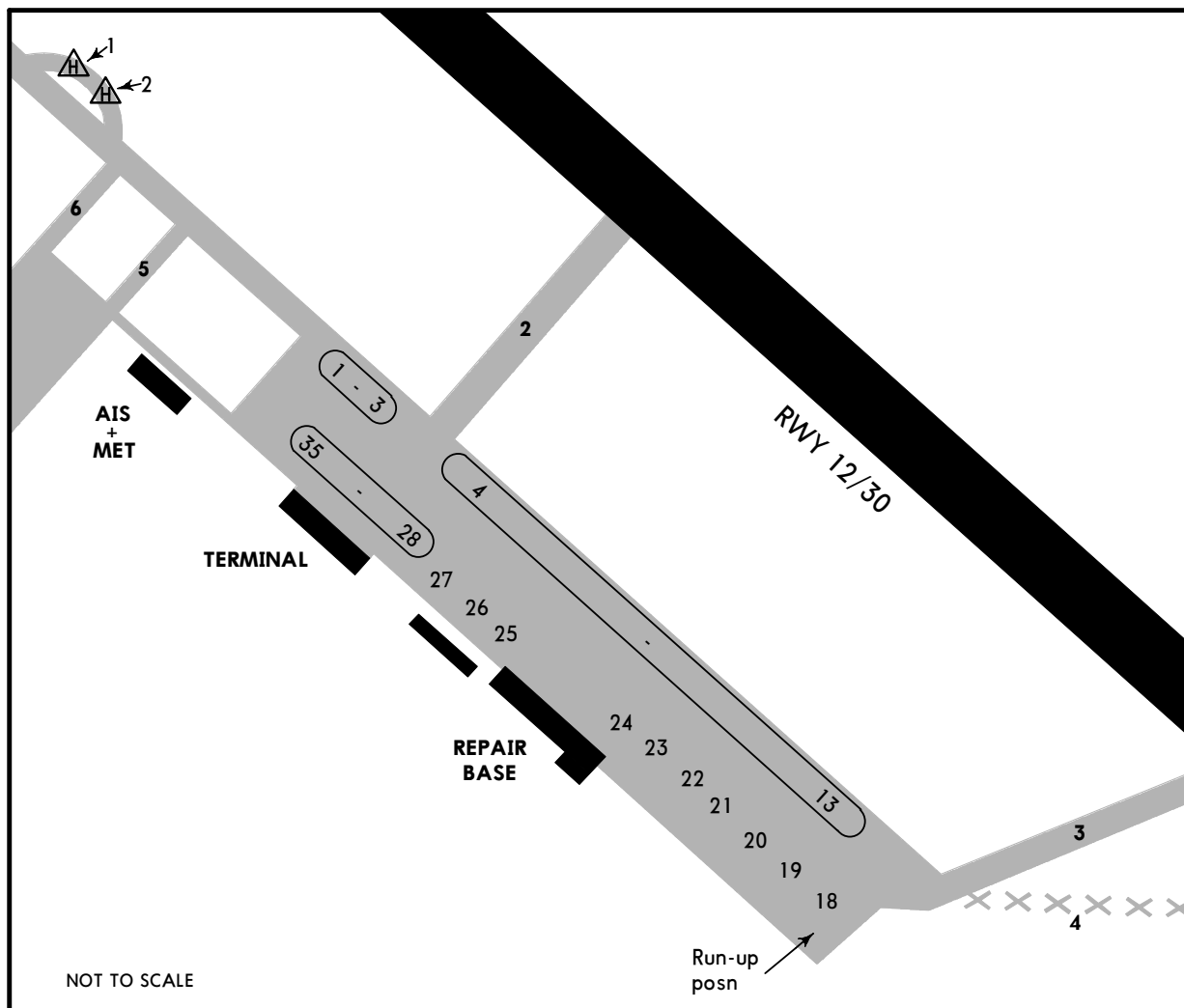
300m

400m

UU00/VOZ

JEPPESEN
 22 OCT 10 (10-9A)

VORONEZH, RUSSIA
 CHERTOVITSKOYE



INS COORDINATES		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.
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	

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

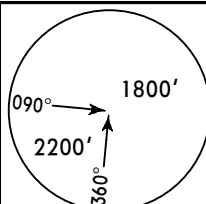
LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

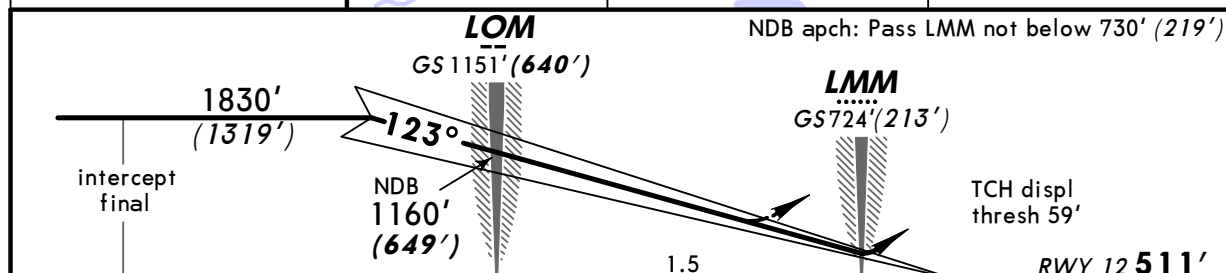
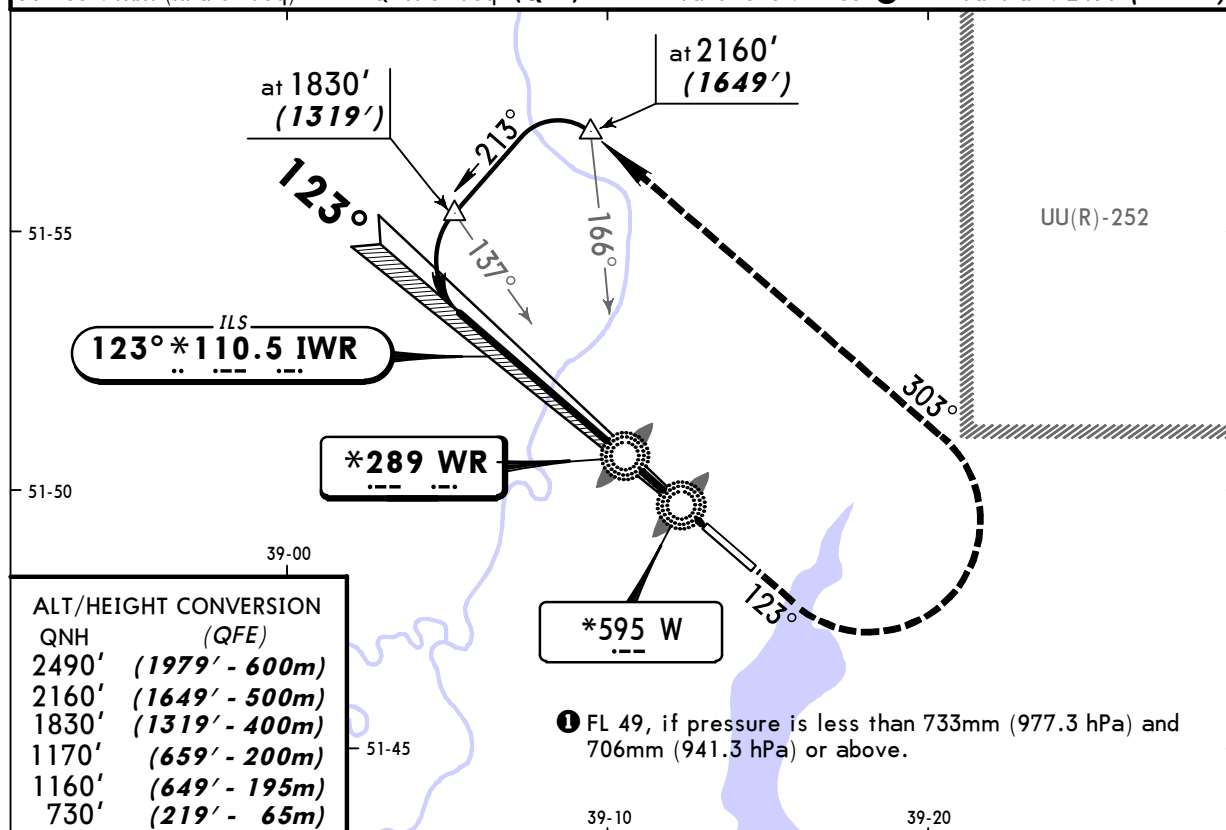
UU00/VOZ
CHERTOVITSKOYE

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'		
NDB WR *289		Minimum Alt LOM 1160' (649')	NDB MDA(H) Refer to Minimums	RWY 511'		
MISSED APCH: Climb on 123° to 1170' (659'), then turn LEFT onto 303° climbing to 2160' (1649'), then according to chart.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39 1		
				Trans alt: 2490' (1979')		



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	NOT AUTH		

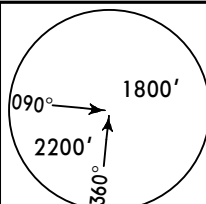
PANS OPS

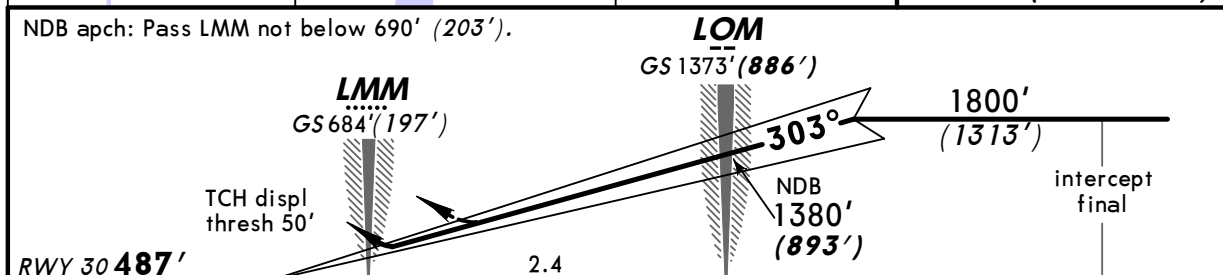
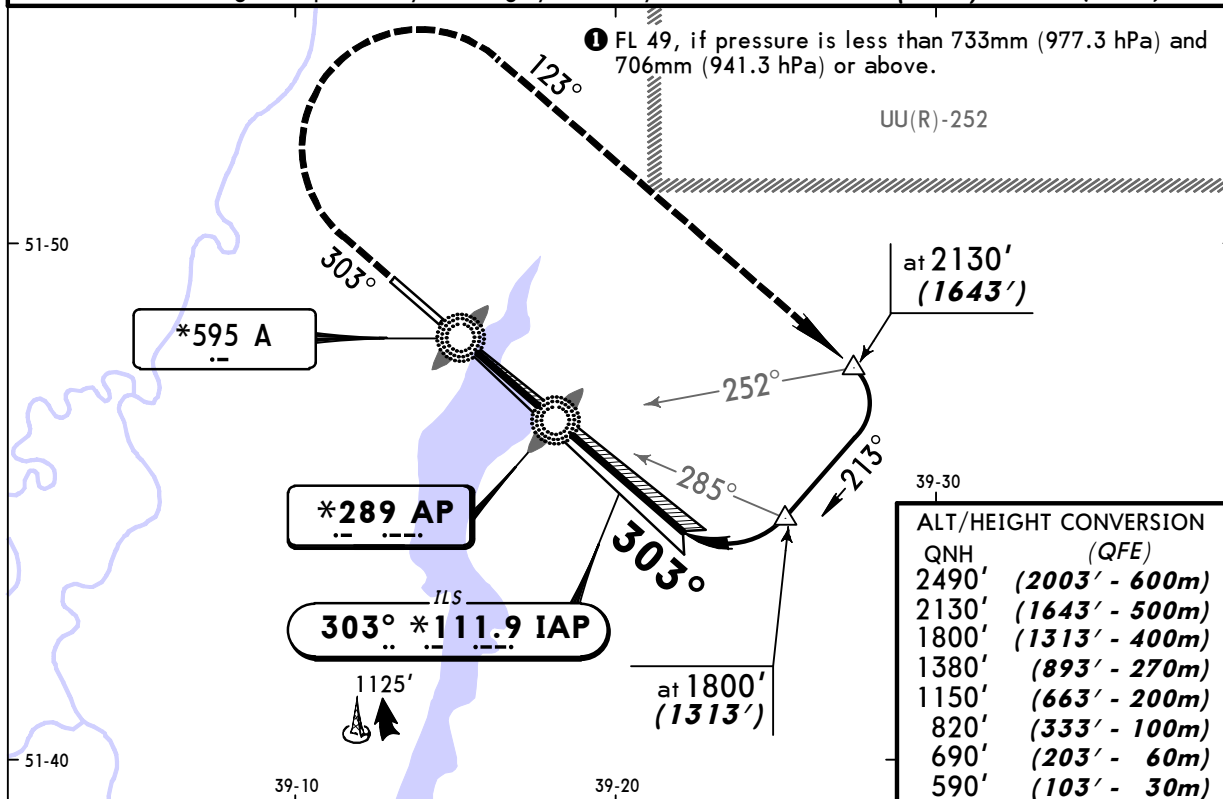
UU00/VOZ
CHERTOVITSKOYE

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 downdrafts 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					
B				3200m	
C	1200m	NOT AUTH	2100m		
D				4800m	

PANS OPS