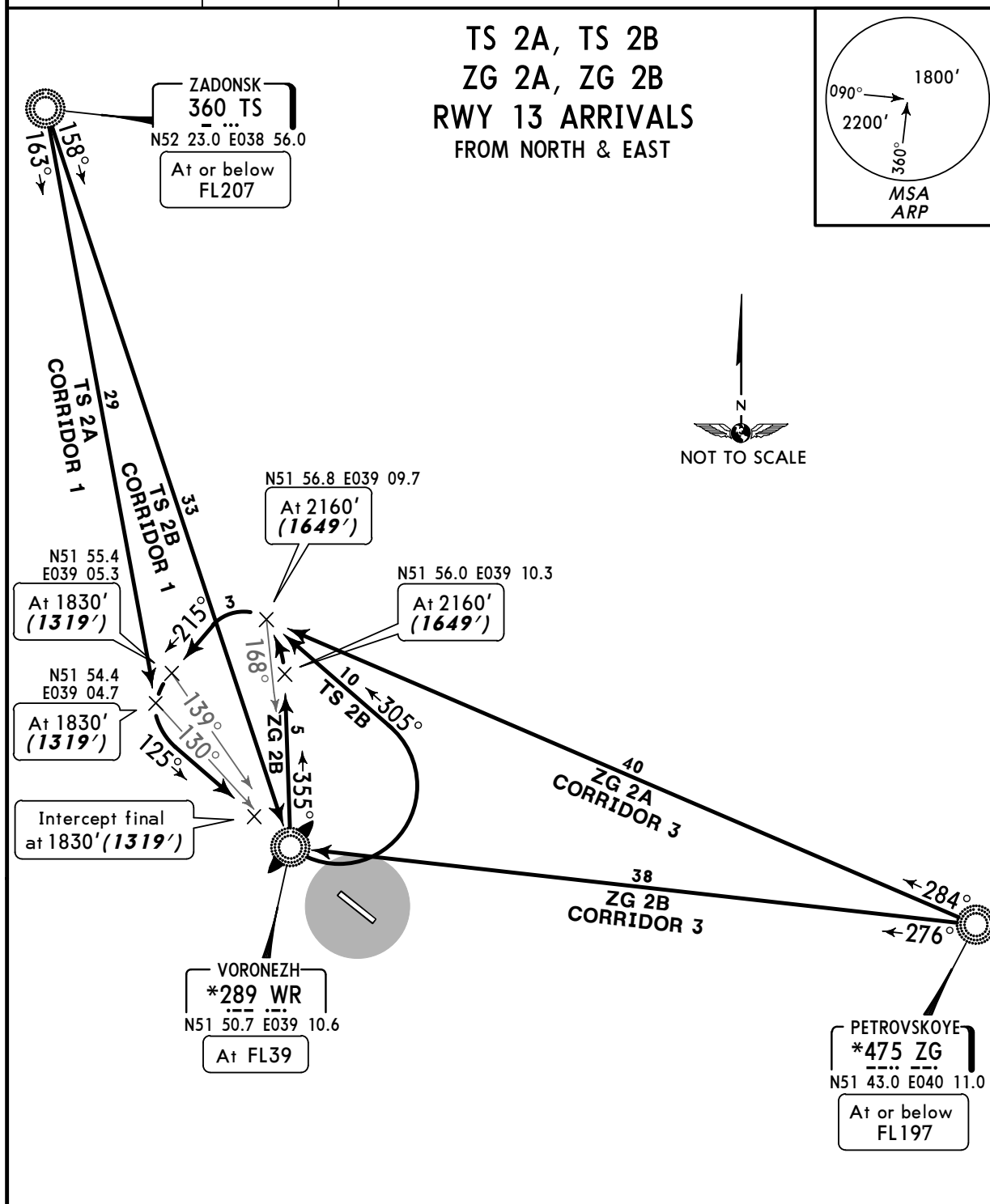


UU00/VOZ
CHERTOVITSKOYE

JEPPESEN
13 FEB 09 10-2

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)	HOLDINGS AFTER TS 154° 14 No 3 MHA FL49 MAX FL207 N52 09.8 E039 02.8 ZG N51 45.2 E039 49.8 No 4 13 272° MHA FL49 MAX FL207
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UU00/VOZ
CHERTOVITSKOYE

13 FEB 09

(10-2A)

JEPPESEN

VORONEZH, RUSSIA

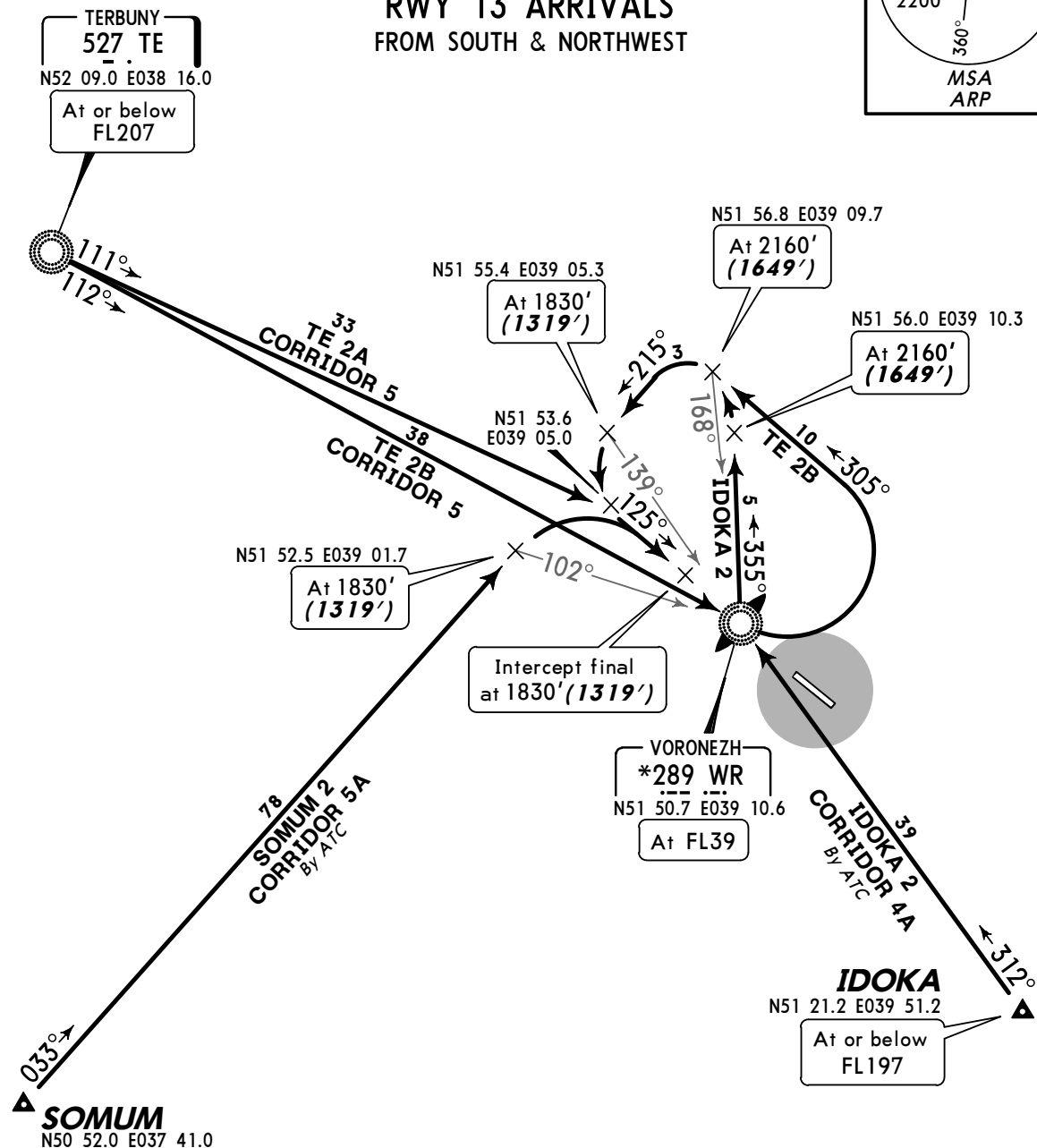
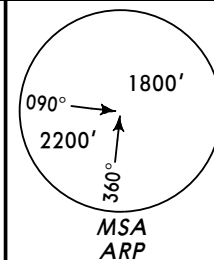
STAR

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.

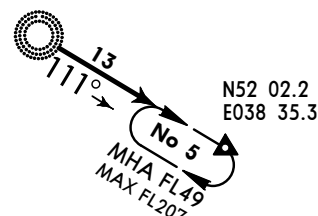
IDOKA 2, SOMUM 2
TE 2A, TE 2B
RWY 13 ARRIVALS
FROM SOUTH & NORTHWEST



FL CONVERSION
FL207 FL6300m
FL197 FL6000m
FL49 FL1500m
FL39 FL1200m

ALT/HEIGHT CONVERSION
QNH (QFE)
2490' (1979' - 600m)
2160' (1649' - 500m)
1830' (1319' - 400m)

HOLDING AFTER
TE



UU00/V0Z
CHERTOVITSKOYE

13 FEB 09

JEPPESEN

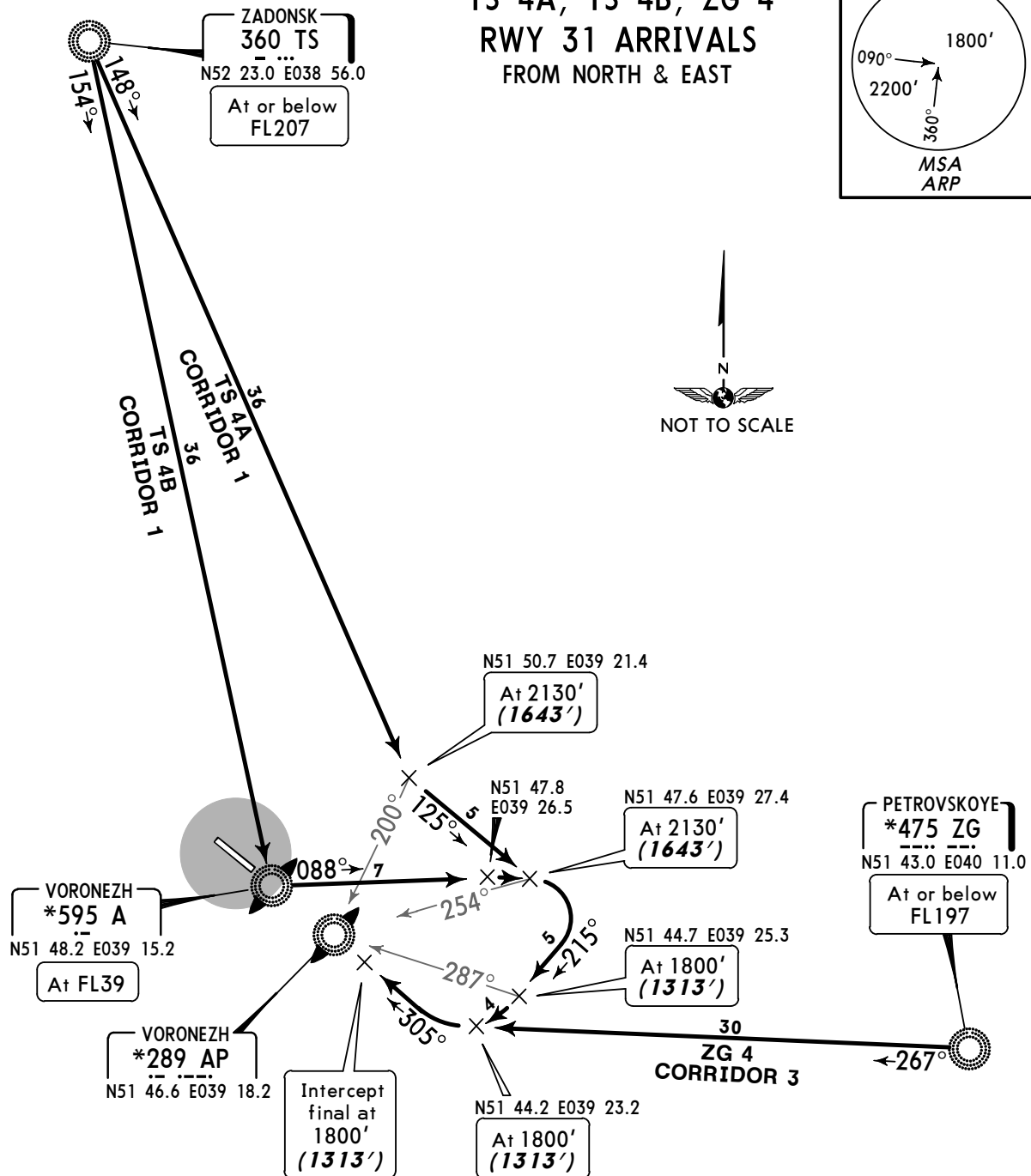
10-2B

VORONEZH, RUSSIA

STAR

ATIS 120.8	<i>Apt Elev</i> 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.
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**TS 4A, TS 4B, ZG 4
RWY 31 ARRIVALS
FROM NORTH & EAST**



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

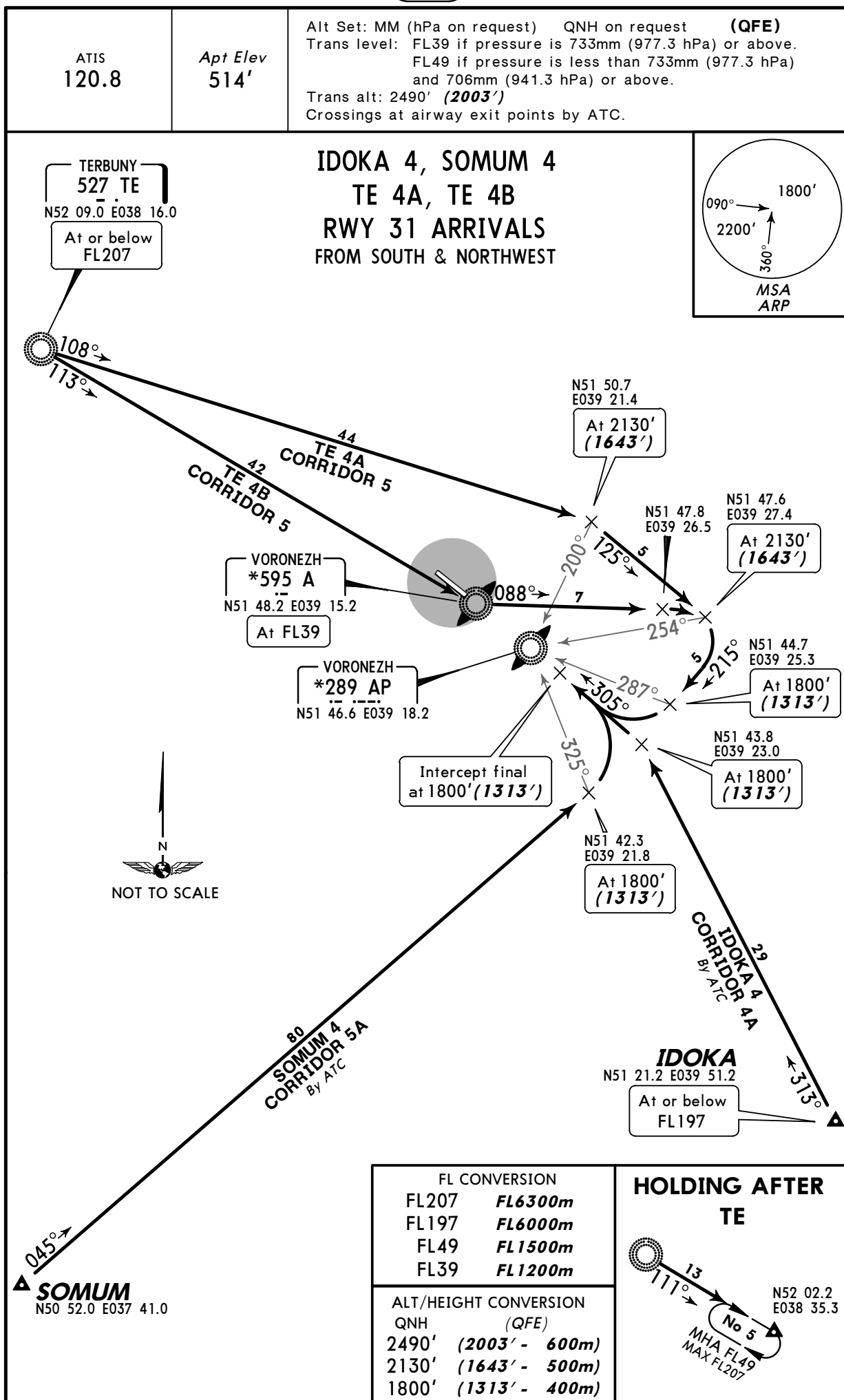
CHANGES: ATIS commissioned.

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UU00/VOZ
CHERTOVITSKOYE

13 FEB 09 **10-2C**

VORONEZH, RUSSIA
STAR



SOMUM
N50 52.0 E037 41.0

IDOKA
N51 21.2 E039 51.2

At or below
FL197

UU00/VOZ
CHERTOVITSKOYEJEPPESEN
2 JAN 09 10-3 Eff 15 JanVORONEZH, RUSSIA
SIDApt Elev
514'

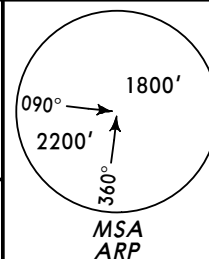
QNH on request (QFE)

Trans level: FL39

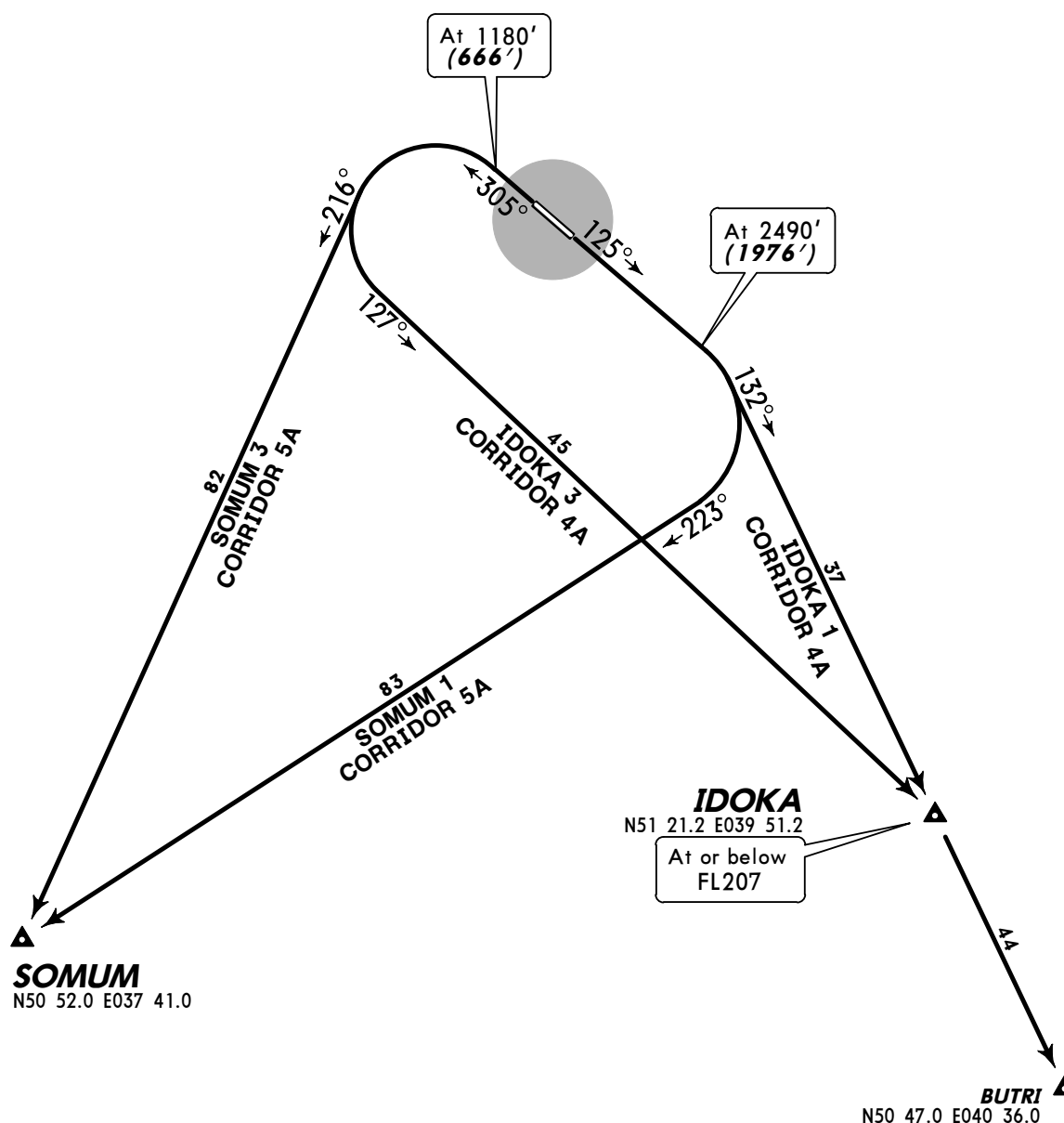
FL49 if pressure is less than 733mm (977.3 hPa)
and 706mm (941.3 hPa) or above.

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/V0Z
CHERTOVITSKOYE

2 JAN 09

JEPPESEN

10-3A

Eff 15 Jan

VORONEZH, RUSSIA

SID

Apt Elev
514'

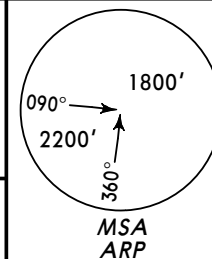
QNH on request (QFE)

Trans level: FL39

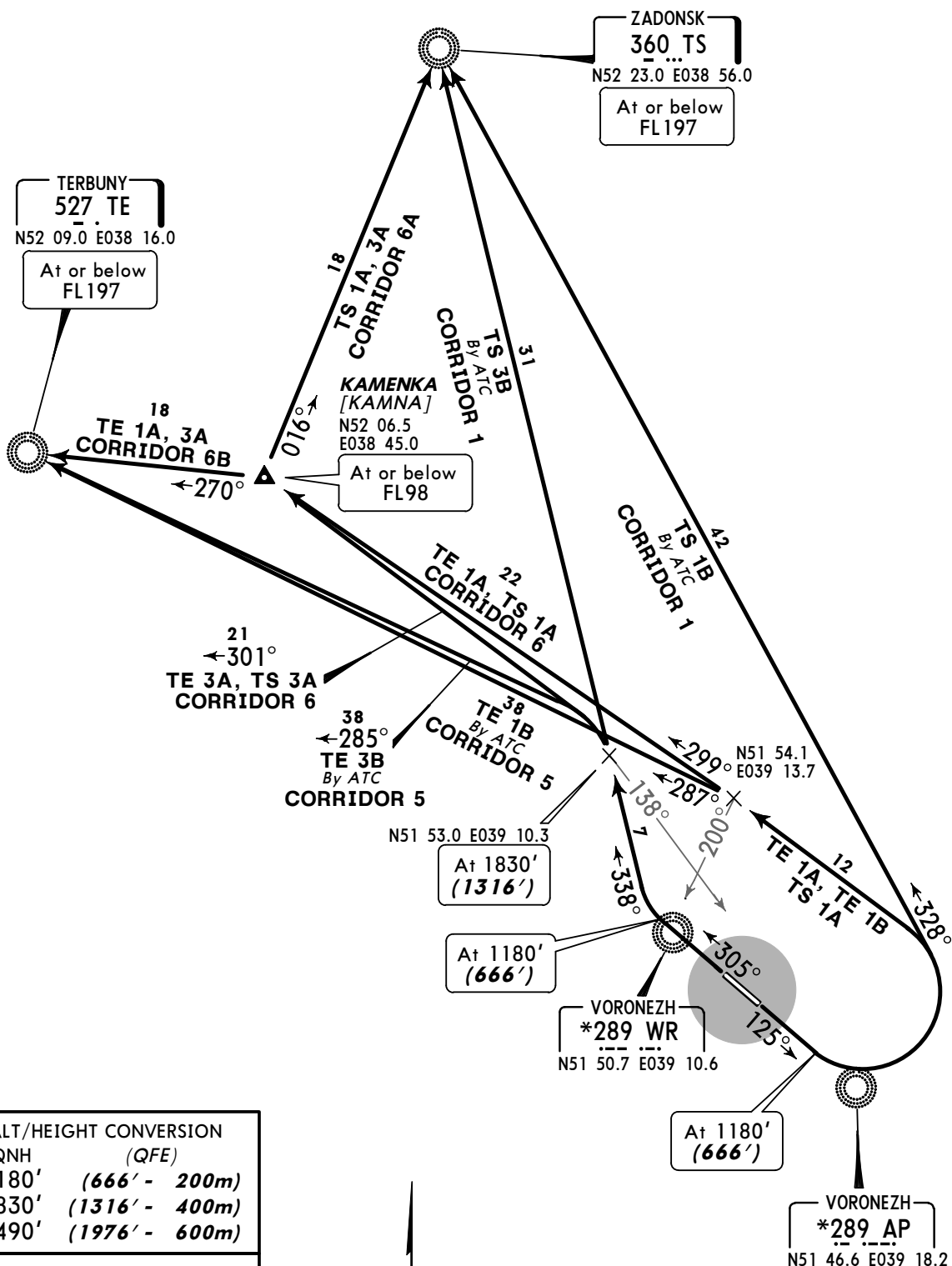
FL49 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above.

Trans alt: 2490' (**1976'**)

Crossings at airway exit points by ATC.



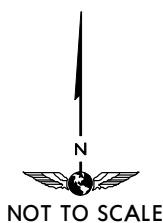
TE 1A, TE 3A, TE 1B, TE 3B
TS 1A, TS 3A, TS 1B, TS 3B
RWYS 13, 31 DEPARTURES



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

FL CONVERSION

FL39	<i>FL1200m</i>
FL49	<i>FL1500m</i>
FL98	<i>FL3000m</i>
FL197	<i>FL6000m</i>



UU00/VOZ
CHERTOVITSKOYE

JEPPESEN

27 APR 07

10-3B

Eff 10 May

VORONEZH, RUSSIA

SID

Apt Elev
514'

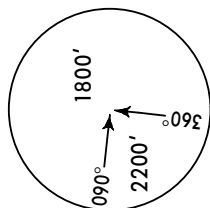
QNH on request (QFE)

Trans level: FL39

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

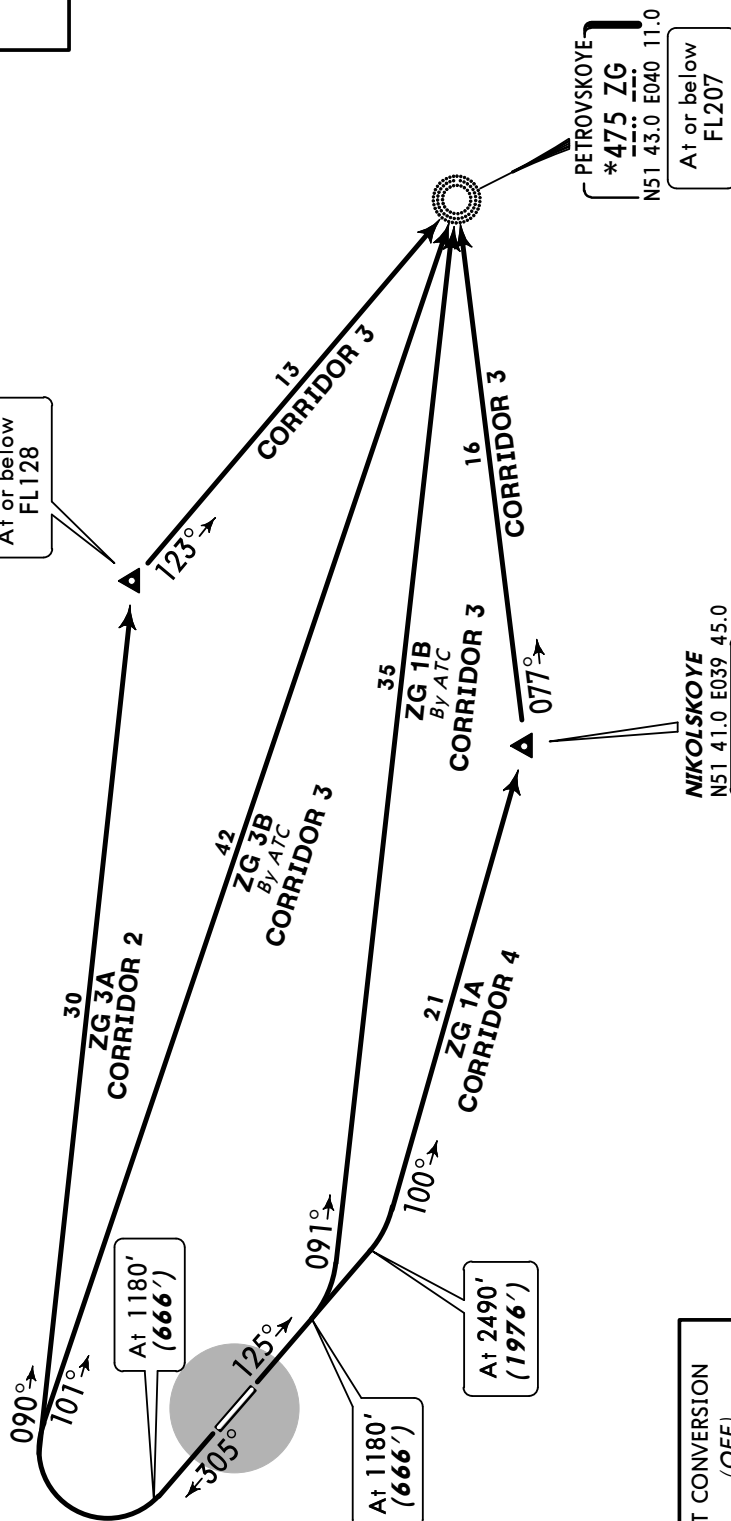
Trans alt: 2490' (1976')

Crossings at airway exit points by ATC.



ZG 1A, ZG 3A, ZG 1B, ZG 3B
RWYS 13, 31 DEPARTURES

VERKHNYAYA KHAVA
(VKHAA)
N51 51.0 E039 55.0
At or below
FL128

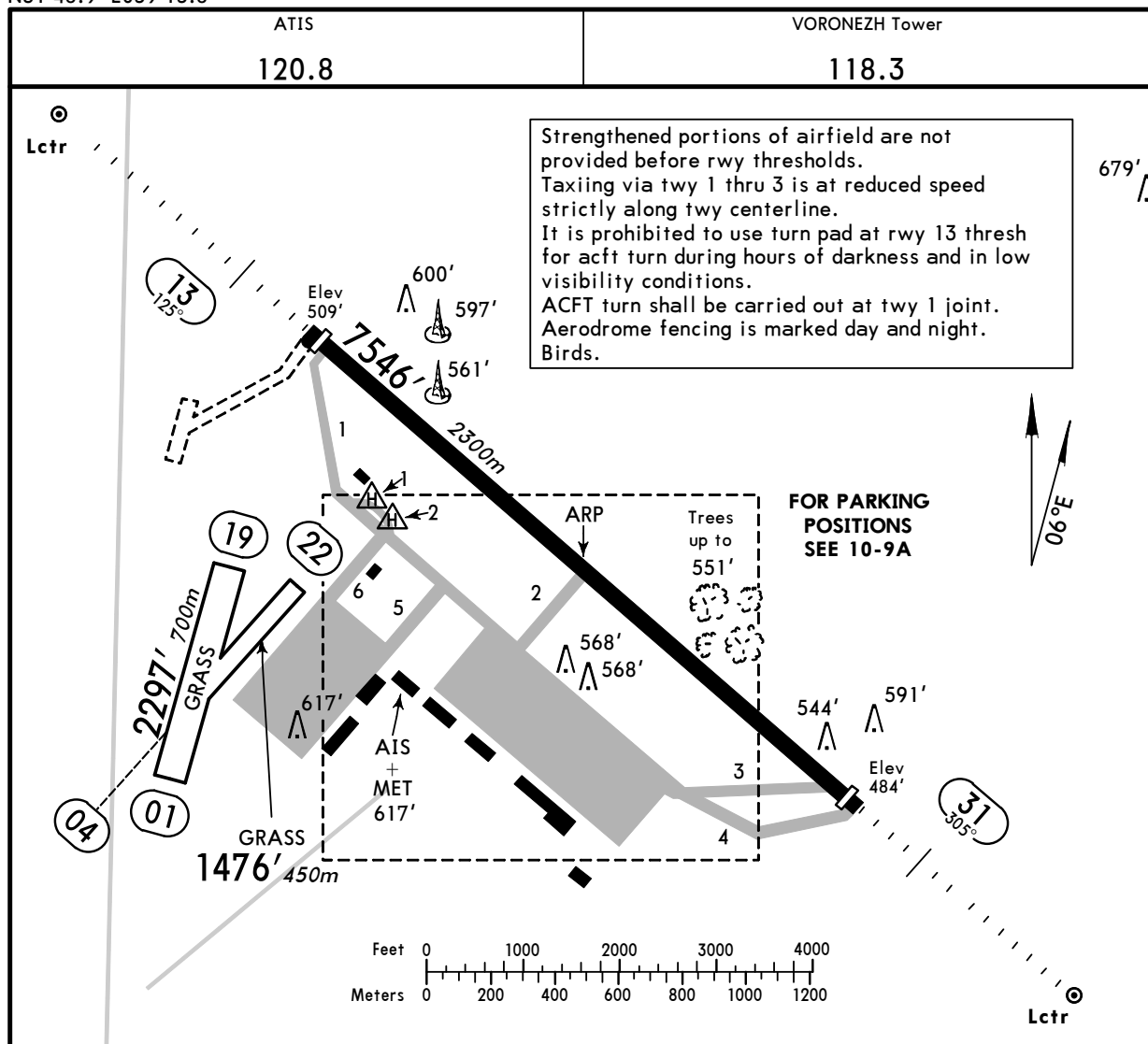


ALT/HEIGHT CONVERSION QNH (QFE)	FL CONVERSION
1180' (666' - 200m)	FL39 FL1200m
2490' (1976' - 600m)	FL49 FL1500m
	FL108 FL3300m
	FL128 FL3900m
	FL207 FL6300m

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

JEPPESSEN
13 FEB 09 **(10-9)**

VORONEZH, RUSSIA
CHERTOVITSKOYE



ADDITIONAL RUNWAY INFORMATION

			USABLE LENGTHS			
			LANDING BEYOND		TAKE-OFF	WIDTH
RWY			Threshold	Glide Slope		
01	19					328' 100m
04	22					197' 60m
13	31	RL (60m) ALS	RVR	7316' 2230m 7343' 2238m	6798' 2072m 6474' 1973m	7382' 2250m ① 161' 49m

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

TAKE-OFF

AIR CARRIER (JAA)

Rwy 13/31

LVP must be in force

RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A

B

C

D

250m

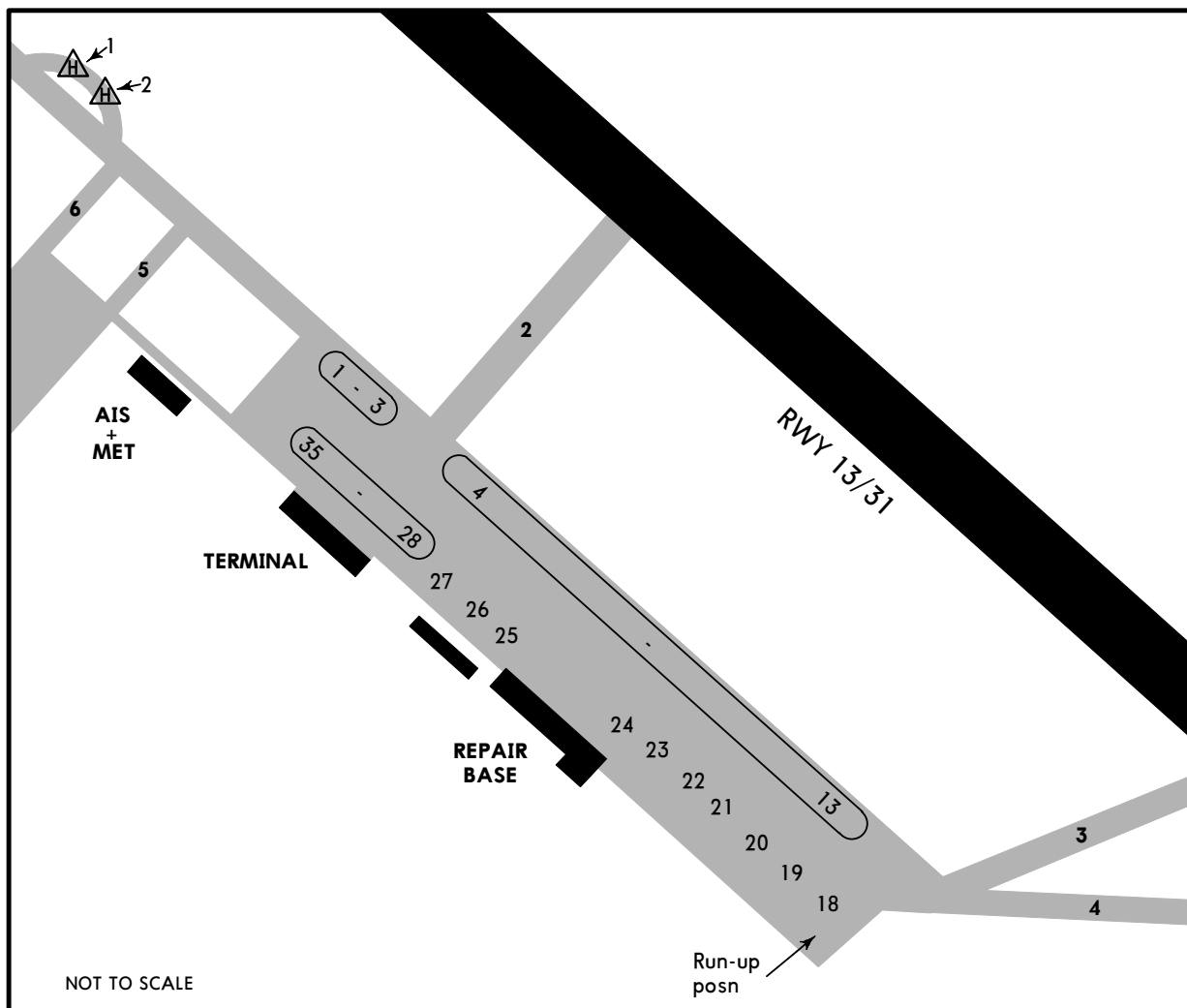
300m

400m

UU00/VOZ

13 FEB 09 **JEPPESEN**
 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
 20 MAR 09 **10-9S**
Standard
VORONEZH, RUSSIA
 CHERTÓVITSKOYE

STRAIGHT-IN RWY		A	B	C	D
13	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')
31		R1500m	R1500m	R1500m	R1500m
	<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
31	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 13, 31

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

11 JAN 08

10-9X

Eff 17 Jan

JAA MINIMUMS

VORONEZH, RUSSIA
CHERTÓVITSKOYE

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

TAKE-OFF RWY 13, 31

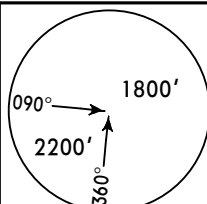
LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

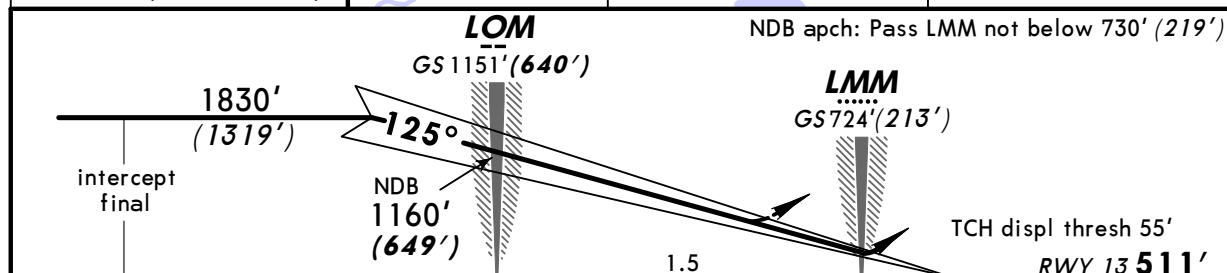
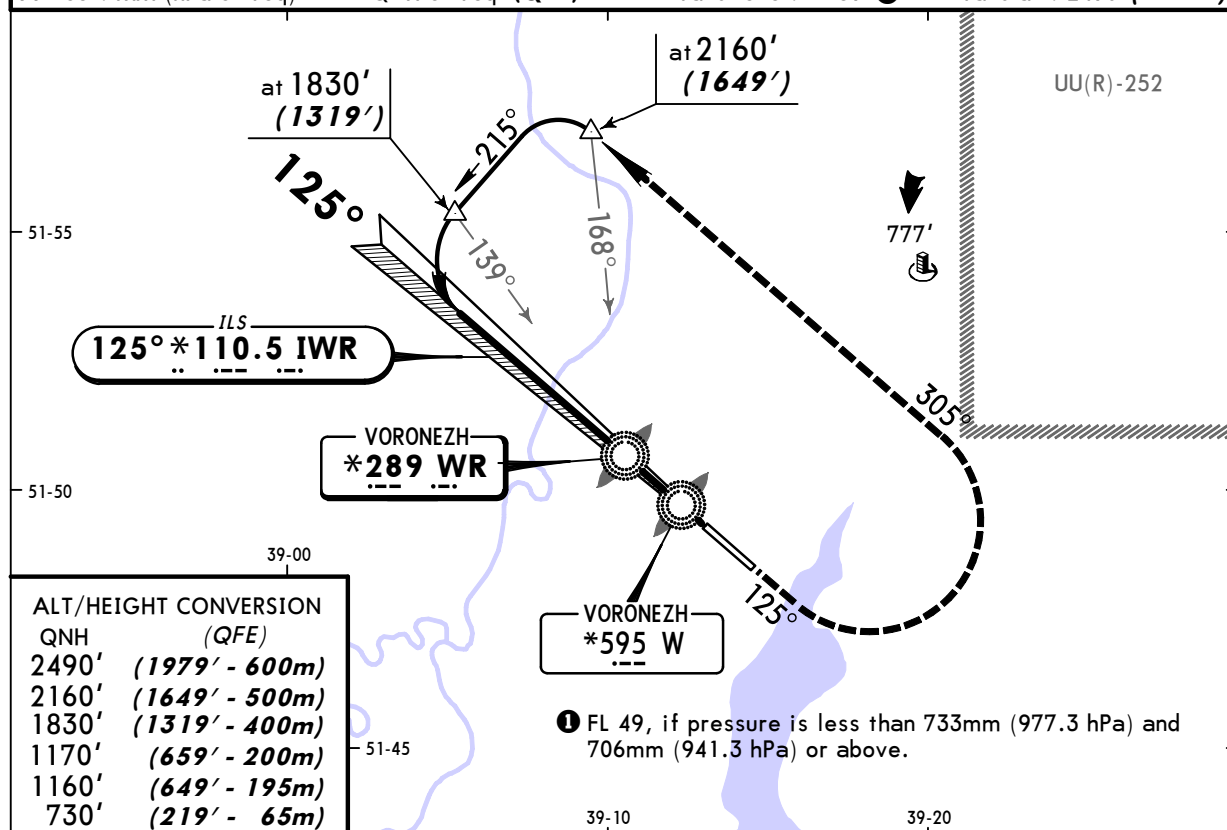
UU00/VOZ
CHERTOVITSKOYE

JEPPESEN
13 FEB 09 (11-1)

VORONEZH, RUSSIA
ILS or 2 NDB or NDB Rwy 13

BRIEFING STRIP

ATIS		VORONEZH Approach			VORONEZH Tower	
120.8		125.9			118.3	
LOC IWR *110.5	Final Apch Crs 125°	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 125° to 1170' (659'), then turn LEFT onto 305° 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							2.1		0.6		0	
Gnd speed-Kts	70	90	100	120	140	160		1170' (659') ↑	on 125°	305° ← LT	2160' (1649') ↑	
ILS GS 2.67° or	336	432	480	576	671	767						
NDB Desc Grad 4.7 %												

STRAIGHT-IN LANDING RWY 13					
ILS		LOC (GS out)		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	NOT AUTH	2100m	2400m	
D					

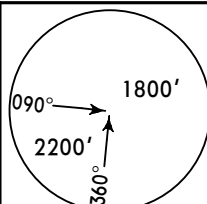
PANS OPS

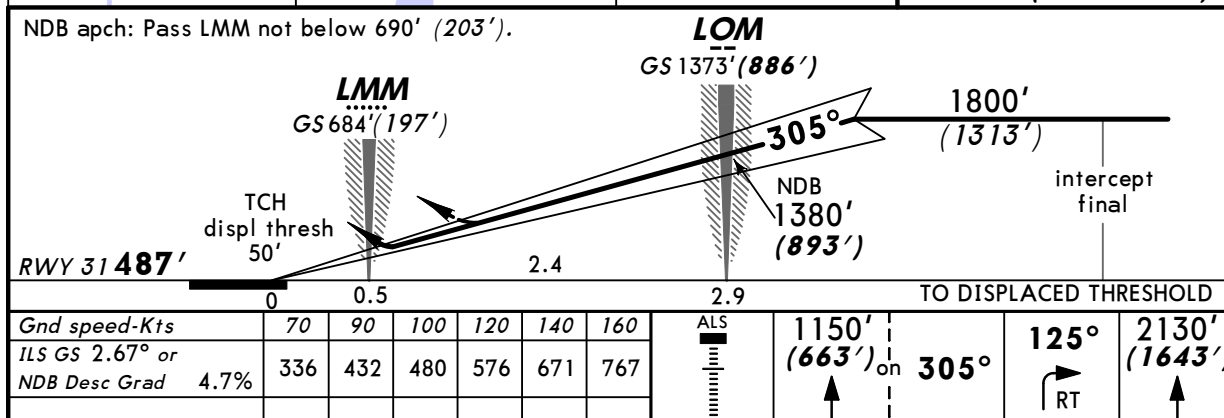
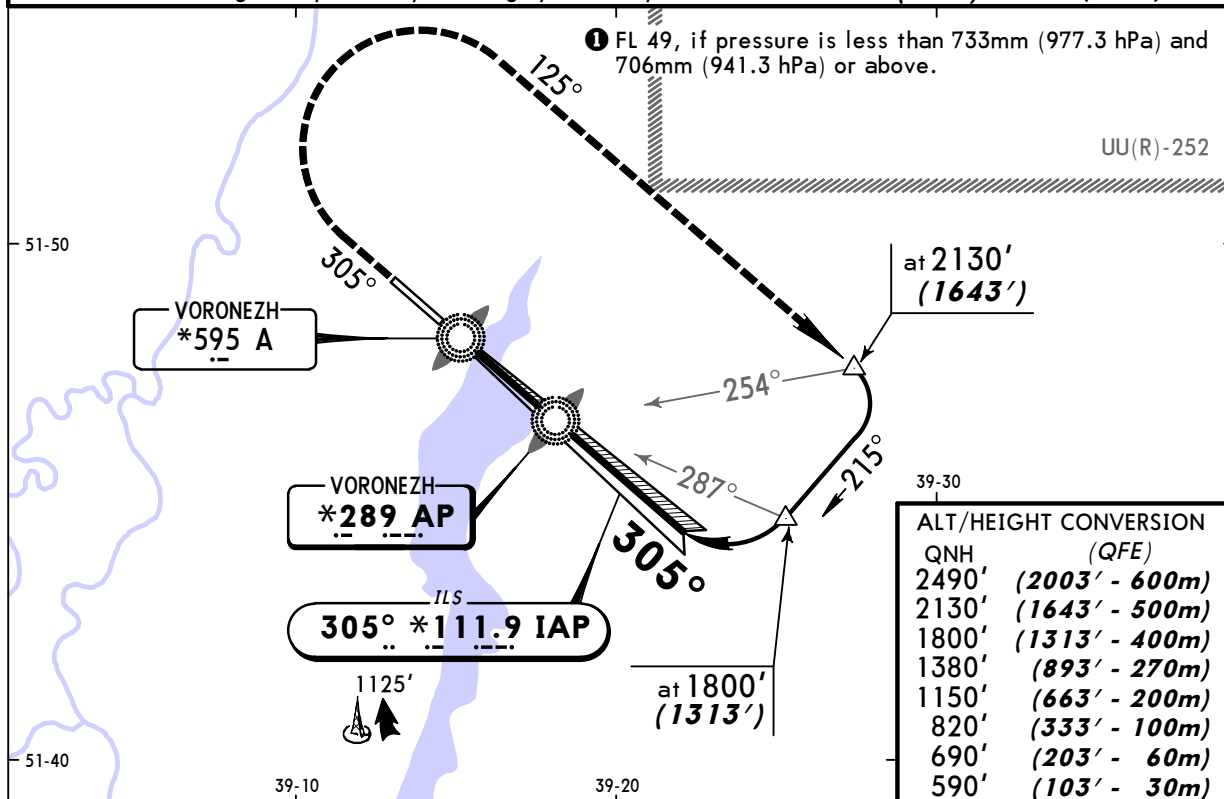
UU00/VOZ
CHERTOVITSKOYE

JEPPESSEN
13 FEB 09 (11-2)

VORONEZH, RUSSIA
ILS or 2 NDB or NDB Rwy 31

BRIEFING STRIP

ATIS		VORONEZH Approach		VORONEZH Tower		
120.8		125.9		118.3		
LOC IAP *111.9	Final Apch Crs 305°	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 305° to 1150' (663'), then turn RIGHT onto 125° 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').						



ILS		STRAIGHT-IN LANDING RWY 31		AP LOM	
DA(H) ABC: 687' (200')		LOC (GS out)		MDA(H) 1440' (953')	
D: 694' (207')		MDA(H) 860' (373')		ALS out	
FULL	ALS out				
A					
B					
C	1200m	NOT AUTH	2100m	3200m	
D				4800m	

PANS OPS