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Revision Letter For Cycle 09-2019
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General Information

Location: VORONEZH RUS
ICAO/IATA: UUOO / VOZ
Lat/Long: N51° 48.9', E039° 13.8'
Elevation: 515 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -3:00 = UTC
Magnetic Variation: 9.0° E

Fuel Types: 100-130 Octane, Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0139 Z
Sunset: 1700 Z

Runway Information

Runway: 12
Length x Width: 7546 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 512 ft
Lighting: Edge, ALS

Runway: 30
Length x Width: 7546 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 486 ft
Lighting: Edge, ALS

Communication Information

ATIS: 120.800
Voronezh Tower: 121.800 Secondary
Voronezh Tower: 118.300
Voronezh Tower: 124.000 Secondary
Voronezh Ground Ramp/Taxi: 126.000 Non-English
Voronezh Approach: 134.500 At or below 33574432 ft
Voronezh Approach: 125.900 At or below 33574432 ft
Voronezh Approach: 124.000 Secondary

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Voronezh Transit Operations: 131.600

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SPECIAL RWY 12 AND 30 APPROACH PROCEDURES

Descent for landing shall be carried out, as a rule, straight-in via base and final turns.

DESCENT PLANNING
At or below FL190 by TE,
At or below FL190 by TS,
At or below FL200 by PT.

CROSSINGS
When approaching from direct routes cross 37.8 NM from ARP at or below FL150.
To prevent possible deviations from the established forward and vertical speeds, FL at 18.9 NM from ARP shall not exceed TL.

CROSSINGS AND LANDING IN CASE OF RESTRICTIONS
Approach for landing is possible from
TE at FL170,
TS at FL150 on landing heading 302°,
PT at FL160 on landing heading 122°
without carrying out the rectangular approach traffic pattern.

CHANGES: ARRIVAL instructions established.

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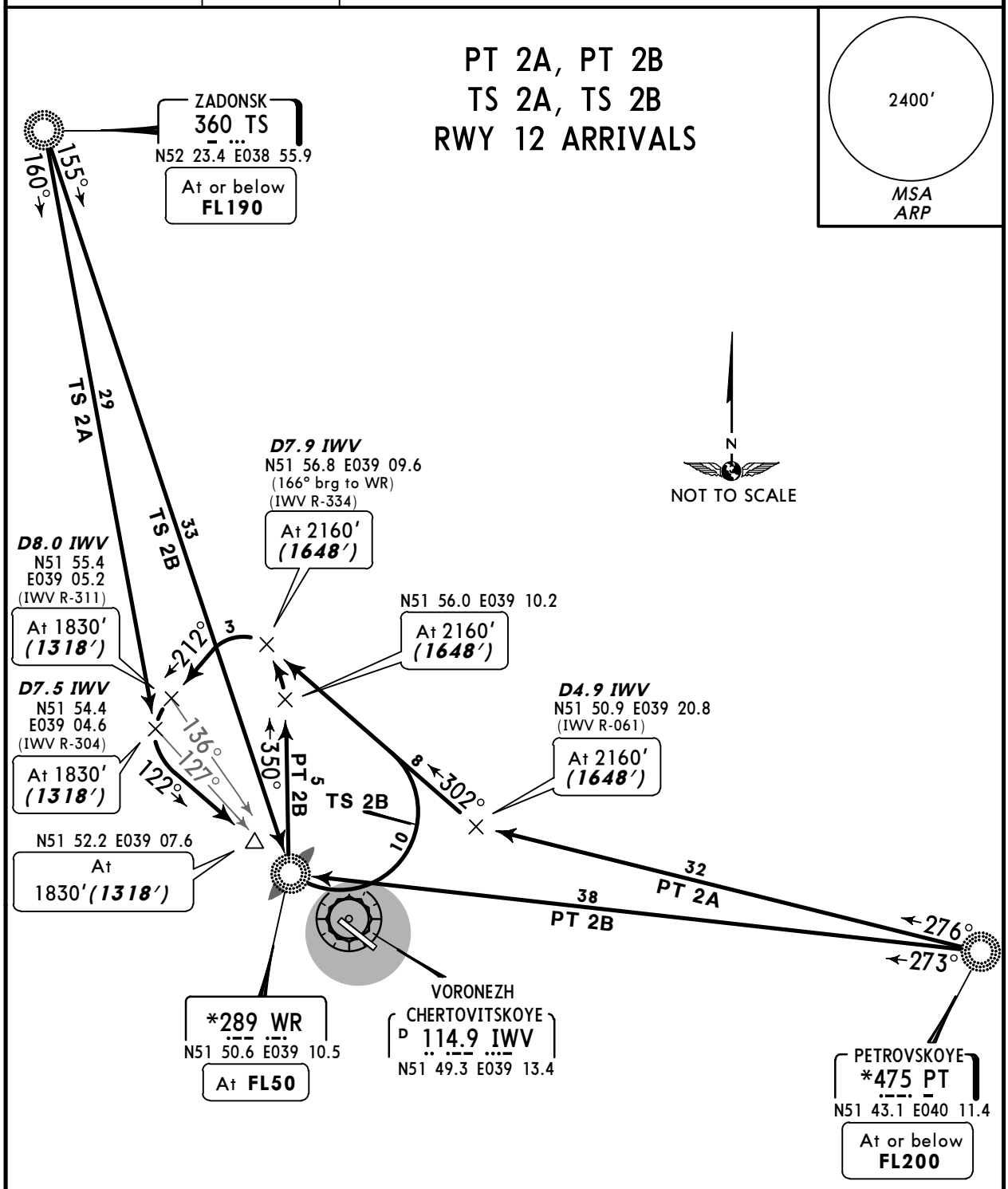
UUOO/VOZ
CHERTOVITSKOYE

JEPPESEN

7 NOV 14 (10-2B) Eff 13 Nov

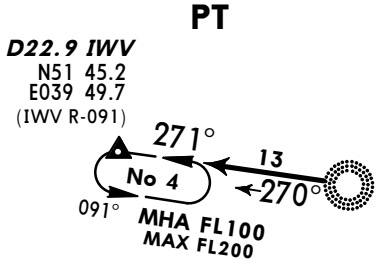
VORONEZH, RUSSIA
STAR

ATIS	Apt Elev	
120.8	515′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL40. FL50 if pressure is less than 746mm (994.6 hPa) Trans alt: 2490′ ***(1978′)*** Crossings at airway exit points by ATC.

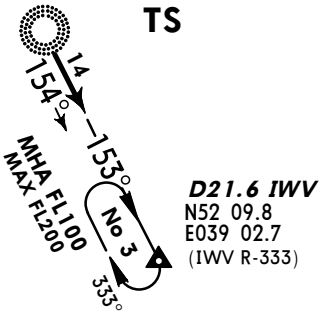


HOLDINGS AFTER

PT



TS



ALT/HEIGHT CONVERSION

QNH	(QFE)
2490′	***(1978′ - 600m)***
2160′	***(1648′ - 500m)***
1830′	***(1318′ - 400m)***

CHANGES: Track update (chart reindexed).

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JEPPESEN

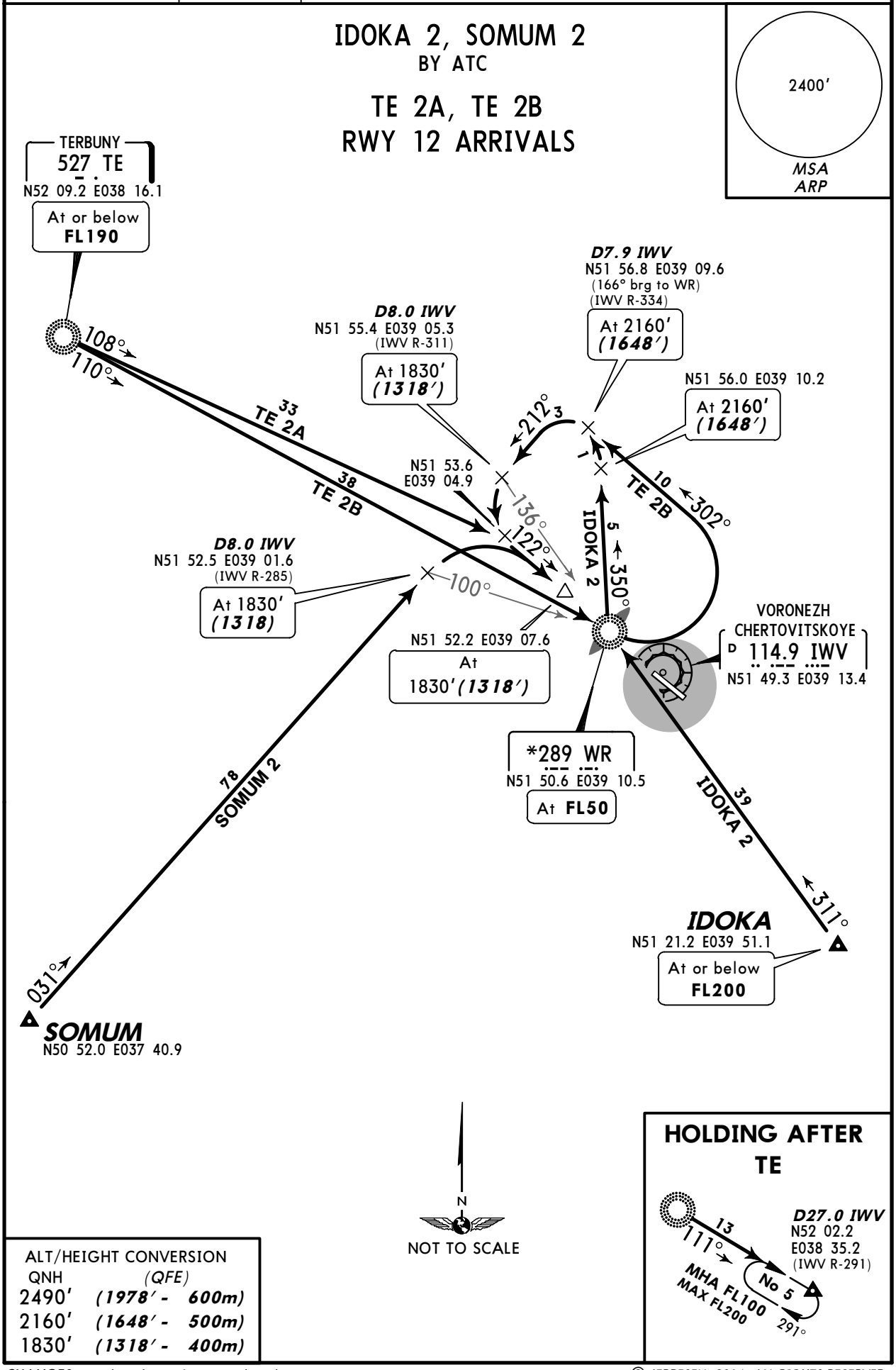
7 NOV 14 (10-2C) Eff 13 Nov

VORONEZH, RUSSIA
STAR

ATIS	Apt Elev	
120.8	515′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL40. FL50 if pressure is less than 746mm (994.6 hPa) Trans alt: 2490′ ***(1978′)*** Crossings at airway exit points by ATC.

IDOKA 2, SOMUM 2
BY ATC

TE 2A, TE 2B
RWY 12 ARRIVALS



ALT/HEIGHT CONVERSION		
QNH	*(QFE)*	
2490′	***(1978′ -***	***600m)***
2160′	***(1648′ -***	***500m)***
1830′	***(1318′ -***	***400m)***

CHANGES: Track update (chart reindexed).

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CHERTOVITSKOYE

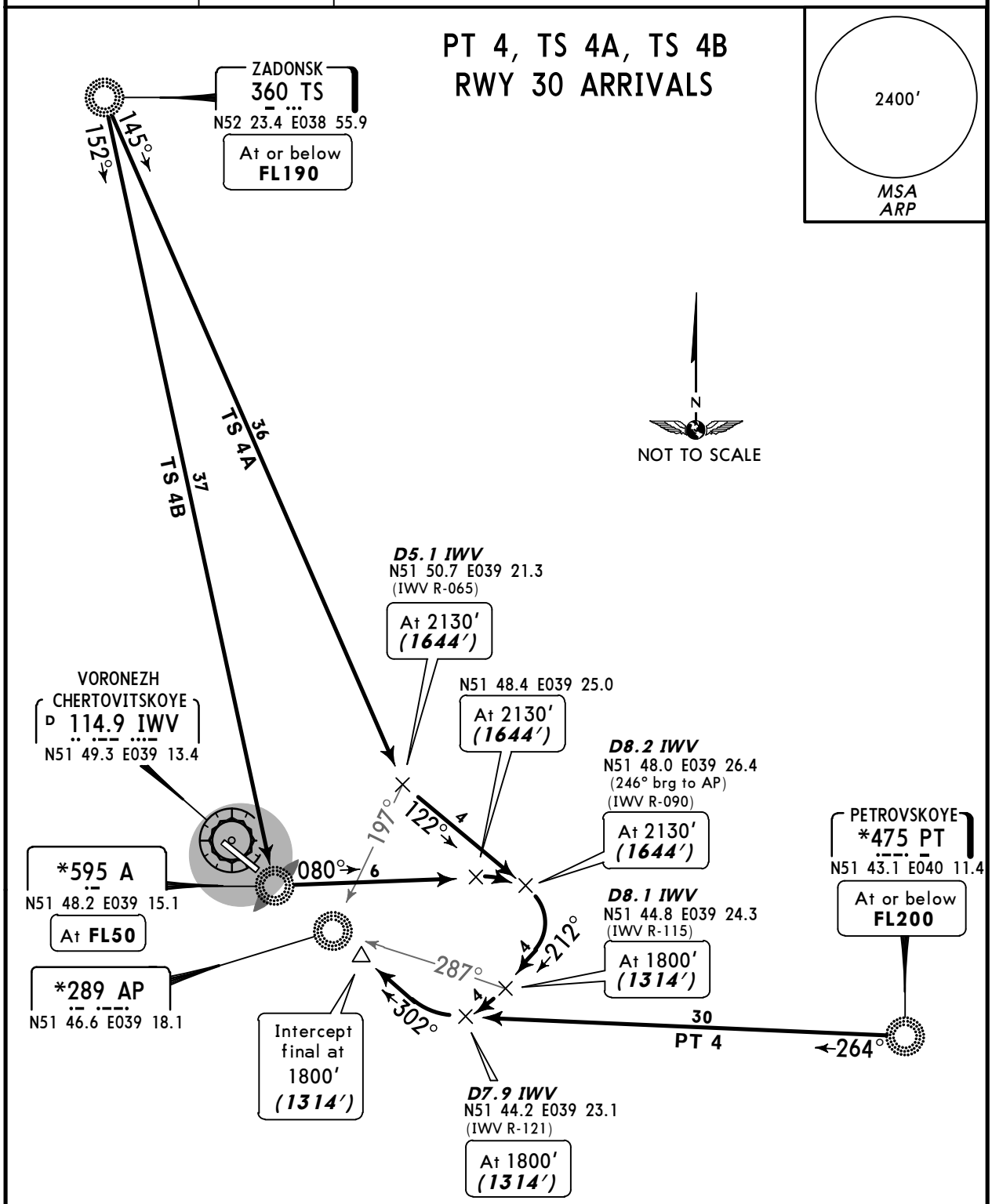
JEPPESEN

7 NOV 14 (10-2D) Eff 13 Nov

VORONEZH, RUSSIA
STAR

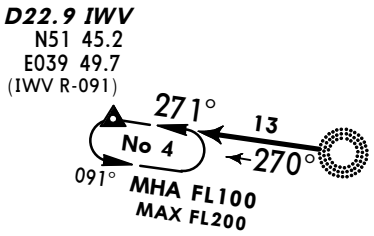
ATIS	Apt Elev	
120.8	515′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL40. FL50 if pressure is less than 746mm (994.6 hPa) Trans alt: 2490′ ***(2004′)*** Crossings at airway exit points by ATC.

PT 4, TS 4A, TS 4B RWY 30 ARRIVALS

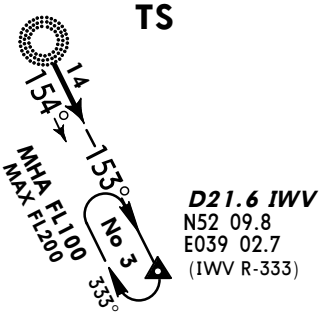


HOLDINGS AFTER

PT



TS



ALT/HEIGHT CONVERSION

QNH	(QFE)
2490′	***(2004′ - 600m)***
2130′	***(1644′ - 500m)***
1800′	***(1314′ - 400m)***

CHANGES: STARs revised (chart reindexed).

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UUOO/VOZ
CHERTOVITSKOYE

JEPPESEN

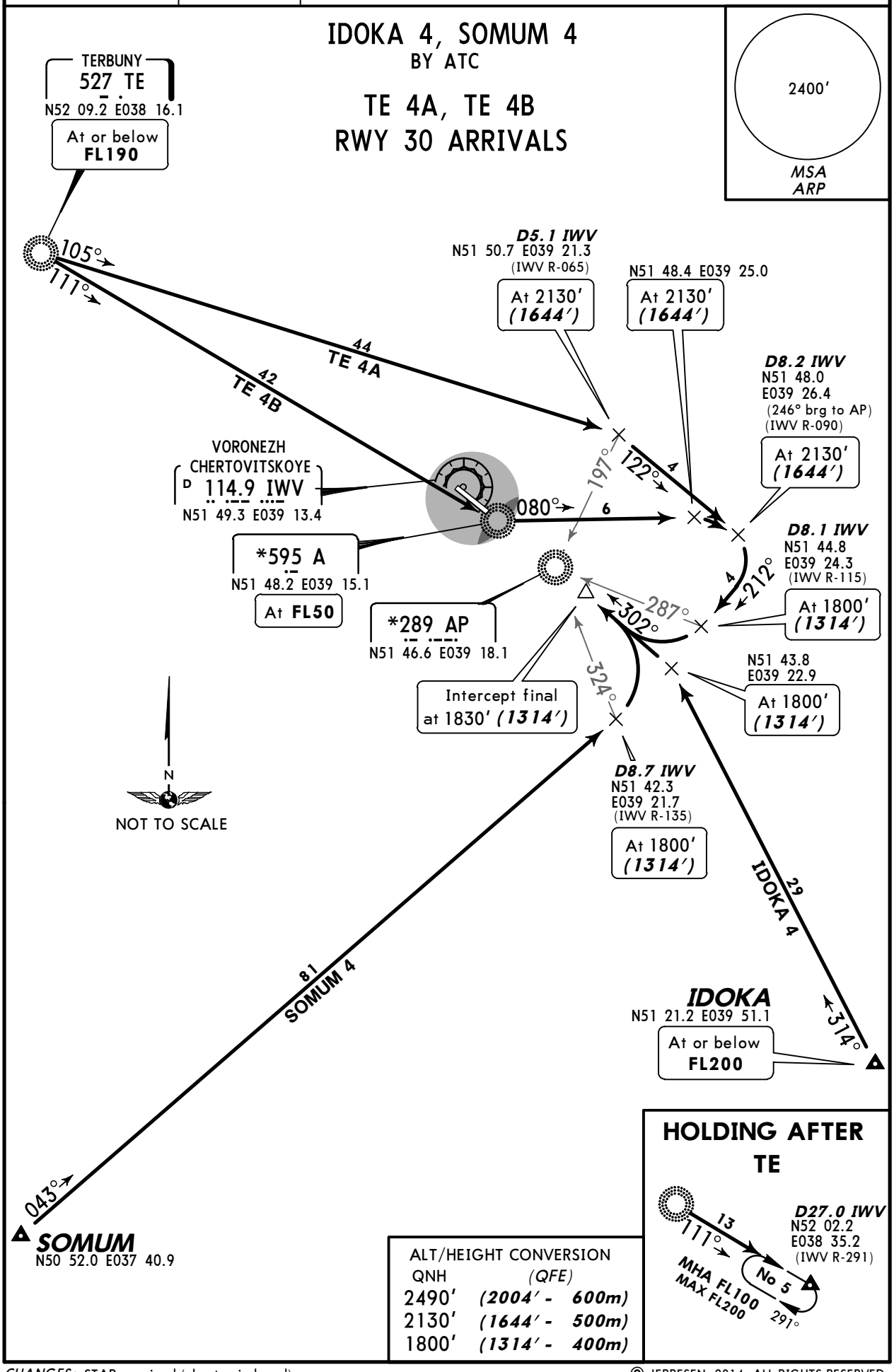
7 NOV 14 (10-2E) Eff 13 Nov

VORONEZH, RUSSIA
STAR

ATIS	Apt Elev	
120.8	515′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL40. FL50 if pressure is less than 746mm (994.6 hPa) Trans alt: 2490′ ***(2004′)*** Crossings at airway exit points by ATC.

IDOKA 4, SOMUM 4
BY ATC

TE 4A, TE 4B
RWY 30 ARRIVALS



ALT/HEIGHT CONVERSION

QNH	(QFE)
2490′	***(2004′ - 600m)***
2130′	***(1644′ - 500m)***
1800′	***(1314′ - 400m)***

CHANGES: STARs revised (chart reindexed).

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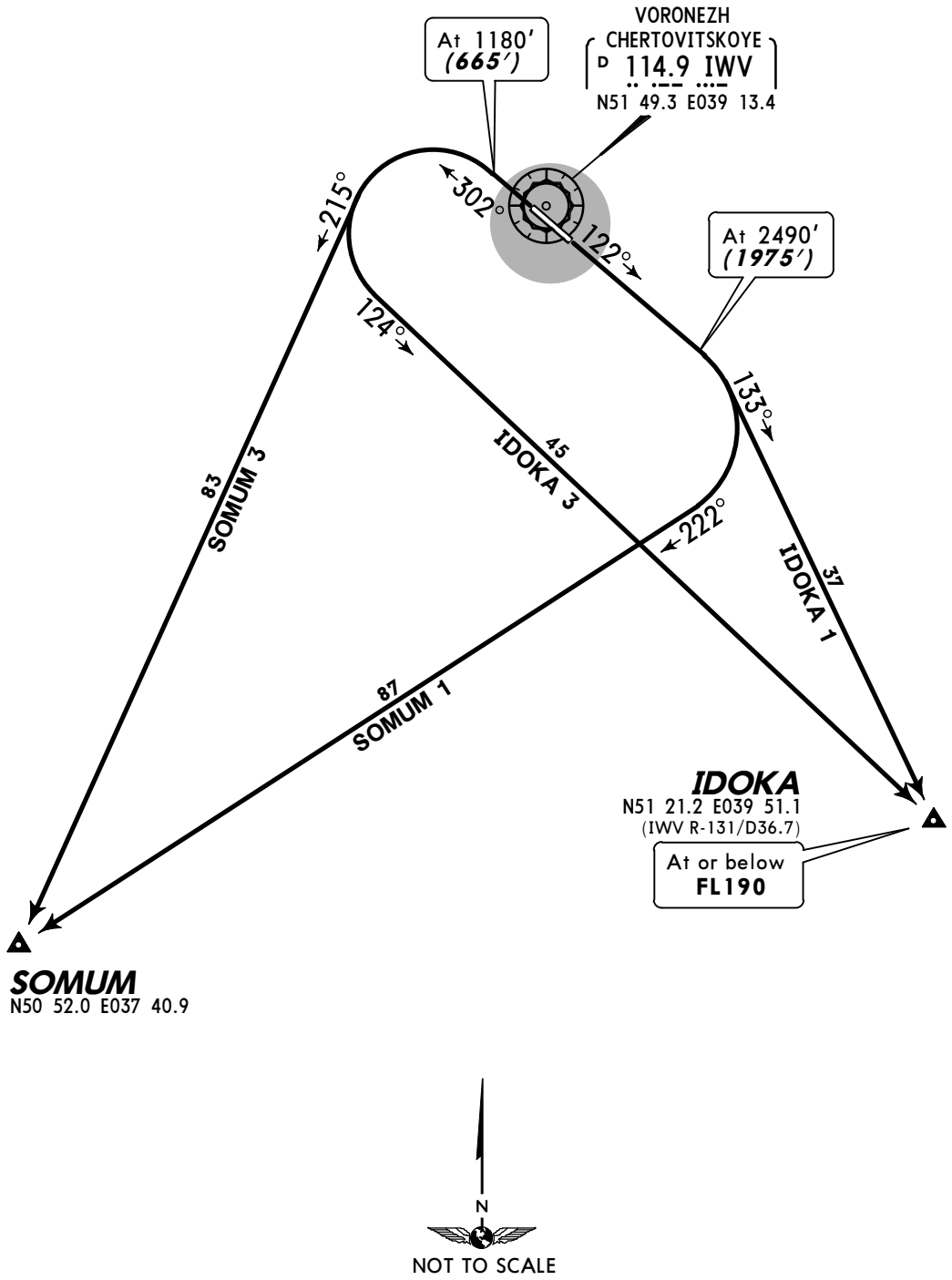
Apt Elev	
515′	QNH on request **(QFE)** Trans level: FL40. FL50 if pressure is less than 746mm (994.6 hPa) Trans alt: 2490′ ***(1975′)*** Crossings at airway entry points by ATC.

2400′
MSA
ARP

IDOKA 1, IDOKA 3
SOMUM 1, SOMUM 3
RWYS 12, 30 DEPARTURES
BY ATC



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1180′	***(665′ - 200m)***
2490′	***(1975′ - 600m)***

CHANGES: Track update.

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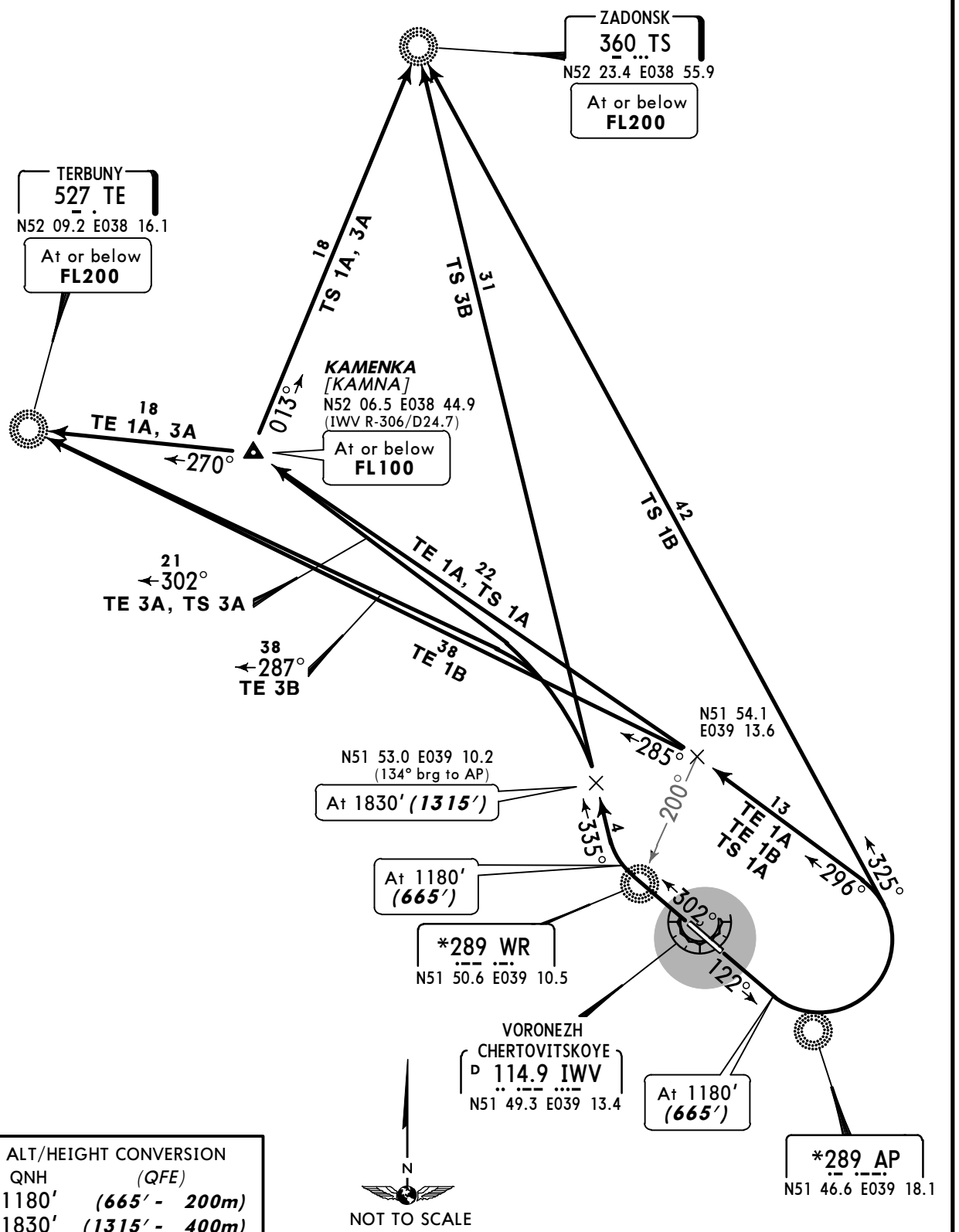
Apt Elev 515′	QNH on request **(QFE)** Trans level: FL40. FL50 if pressure is less than 746mm (994.6 hPa) Trans alt: 2490′ ***(1975′)*** Crossings at airway entry points by ATC.

2400′
MSA
ARP

TE 1B, TE 3B, TS 1B, TS 3B
BY ATC

TE 1A, TE 3A, TS 1A, TS 3A
RWYS 12, 30 DEPARTURES



ALT/HEIGHT CONVERSION

QNH	(QFE)
1180′	***(665′ - 200m)***
1830′	***(1315′ - 400m)***
2490′	***(1975′ - 600m)***

CHANGES: Track update.

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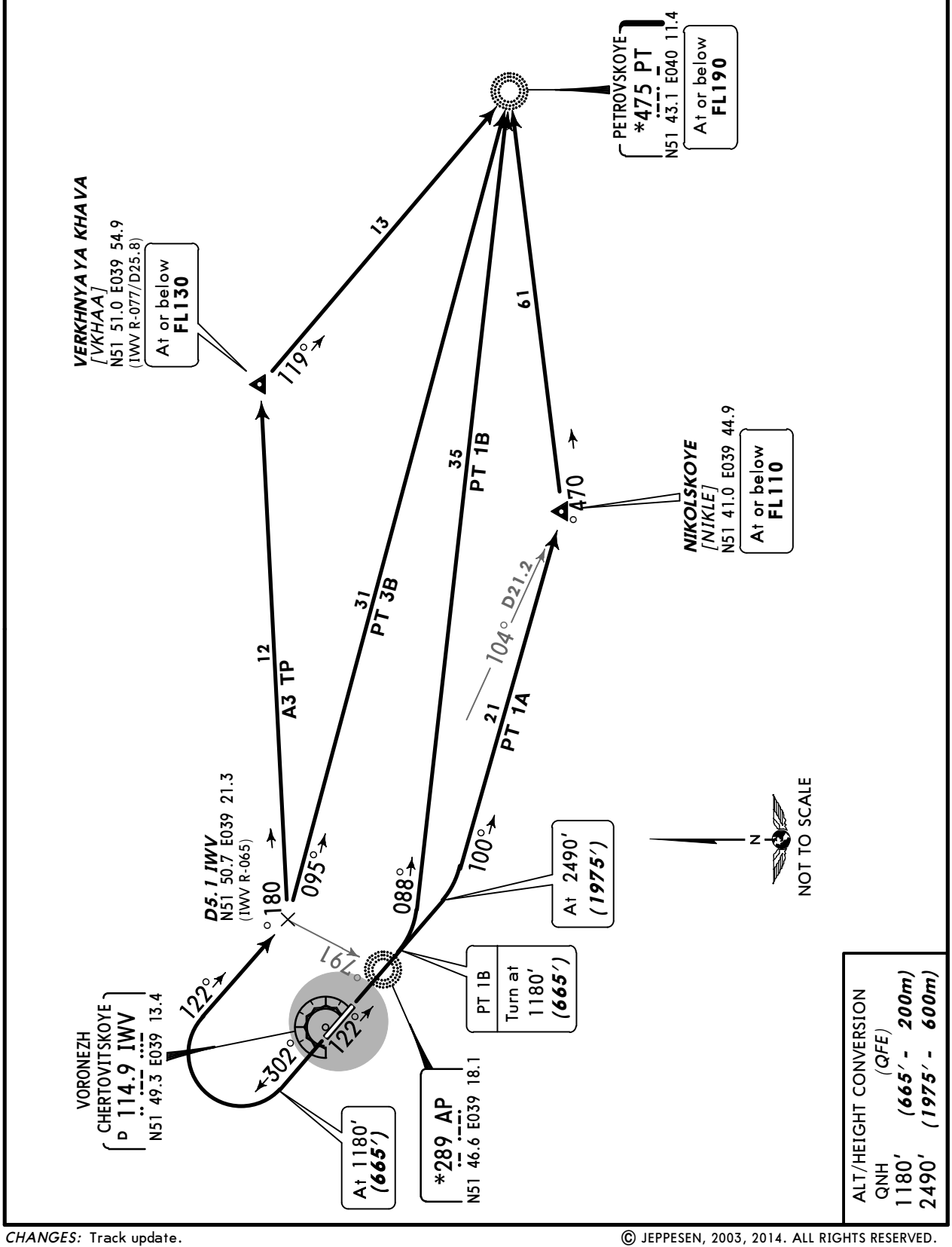
Apt Elev
515′

QNH on request **(QFE)**
Trans level: FL40
FL50 if pressure is less than 746mm (994.6 hPa)
Trans alt: 2490′ ***(1975′)***
Crossings at airway entry points by ATC.

2400′ MSA ARP

PT 1B, PT 3B
BY ATC

PT 1A, PT 3A
RWYS 12, 30 DEPARTURES



CHANGES: Track update.

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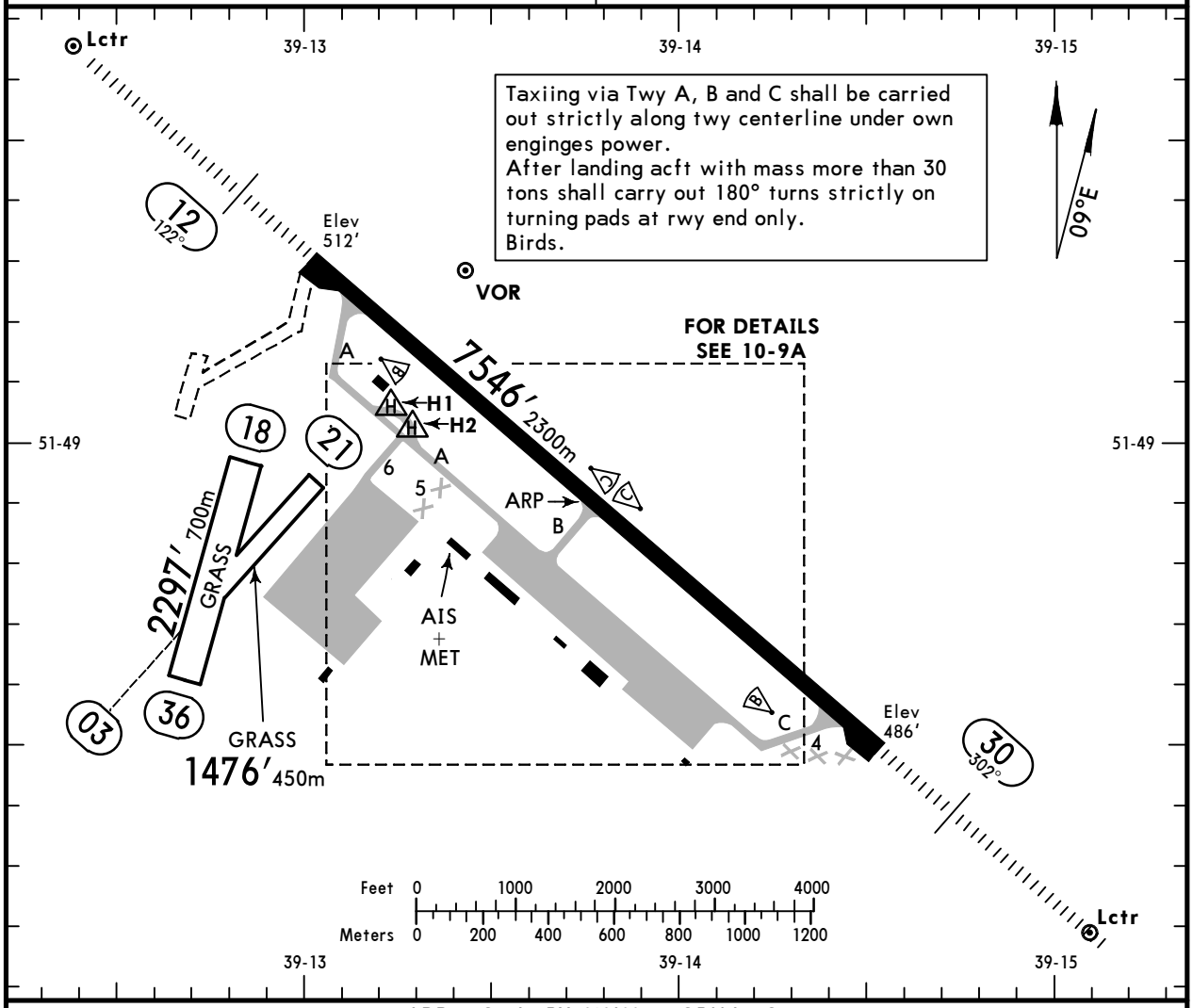
UUOO/VOZ

Apt Elev **515′**
N51 48.9 E039 13.8

JEPPESEN
7 JUL 17 (10-9) **Eff 20 Jul**

VORONEZH, RUSSIA
CHERTOVITSKOYE

ATIS	VORONEZH Tower
120.8	118.3



ADDITIONAL RUNWAY INFORMATION

RWY					USABLE LENGTHS LANDING BEYOND Threshold	Glide Slope	TAKE-OFF	WIDTH
03 / 21								197′ 60m
12	RL (60m)	HIALS	PAPI-L (angle 2.67°)	RVR			❶	148′ 45m
30	RL (60m)	HIALS	PAPI-L (angle 3.00°)	RVR		6756′ 2059m		
18 / 36								262′ 80m

❶ TAKE-OFF RUN AVAILABLE

RWY 12:

From rwy head	7546′(2300m)
twy A int	6824′(2080m)
twy B int	3773′(1150m)

RWY 30:

From rwy head	7546′(2300m)
twy C int	6850′(2088m)
twy B int	3773′(1150m)

TAKE-OFF

AIR CARRIER (JAA)
Rwy 12/30

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

CHANGES: Twys and stands renamed.

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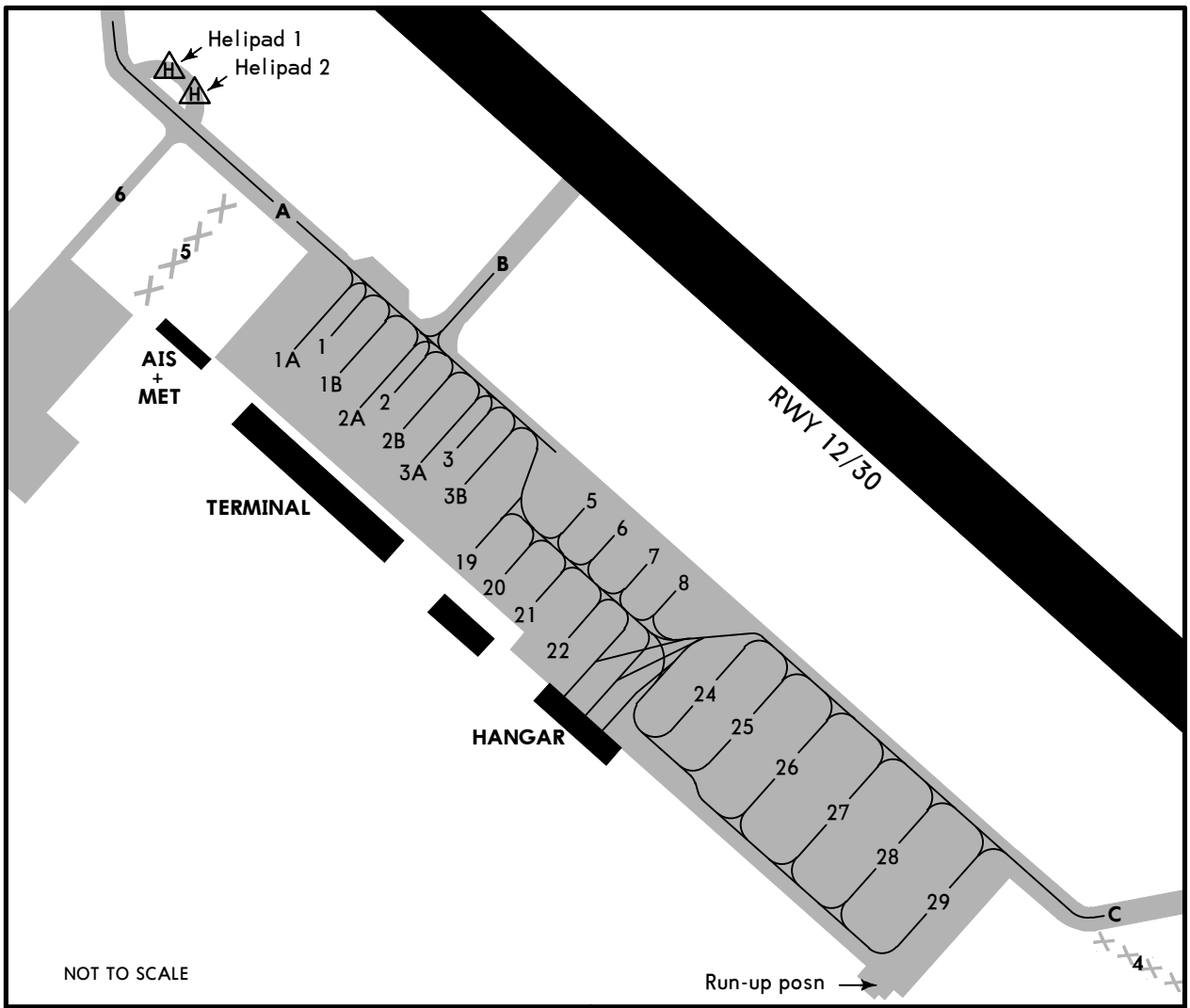

INS COORDINATES	
STAND No.	COORDINATES
27, 28	N51 48.6 E039 14.0
29	N51 48.5 E039 14.1

Taxiing and towing without permission of controller are prohibited.
Taxiing of index 6 acft is prohibited between stands 5 thru 8 and 19 thru 22.
Stands 19 thru 22 and 26 thru 29 are available for helicopters.
Stands 5 thru 8 are available for helicopters with main rotor diameter less than 39'/12m.
Parking onto stands 5 thru 8 shall be carried out by towing.
Parking onto stands 19 thru 22 shall be carried out by towing or under own enginges power.
Taxiing out of stands 1 thru 3B shall be carried out by towing.
Taxiing out of stands 19 thru 22 shall be carried out by towing or under own enginges power when ACFT are parked facing the RWY.

LOW VISIBILITY PROCEDURES (LVP)

LVP applied when RVR 600m or less.
ATC will inform pilots using phraseology: "LVP in progress. Check your minimum."
Taxi route to rwy holding positions is designated by Tower.
Flight crew shall repeat all intructions.

When LVP in progress:
-Take-off permitted only from rwy beginning.
-Take-off without stop at line-up position is prohibited.

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STRAIGHT-IN RWY		A	B	C	D
12	2 NDB ❶❷	**860**′(348′)	**860**′(348′)	**860**′(348′)	**890**′(348′)
		R900m	**R900m**	**R900m**	**R900m**
	ALS out	R1500m	R1500m	R1600m	R1600m
	2 NDB ❸	**1270**′(758′)	**1270**′(758′)	**1270**′(758′)	**1270**′(758′)
		C2900m	**C2900m**	**C3100m**	**C3100m**
	ALS out	C3700m	C3700m	C3900m	C3900m
	WR NDB ❶❷	**880**′(368′)	**880**′(368′)	**880**′(368′)	**880**′(368′)
		R1000m	**R1000m**	**R1000m**	**R1000m**
	ALS out	R1500m	R1500m	R1700m	R1700m
	WR NDB ❶❸	**1070**′(558′)	**1070**′(558′)	**1070**′(558′)	**1070**′(558′)
		R1800m	**R1800m**	**R1800m**	**R1800m**
	ALS out	C2500m	C2500m	C2500m	C2500m
30	ILS	**686**′(200′)	**686**′(200′)	**686**′(200′)	**689**′(203′)
	FULL	**R550m**	**R550m**	**R550m**	**R550m**
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ❶	**820**′(334′)	**820**′(334′)	**820**′(334′)	**820**′(334′)
		R800m	**R800m**	**R800m**	**R800m**
	ALS out	R1500m	R1500m	R1500m	R1500m

❶ Continuous Descent Final Approach.
❷ With FAF.
❸ W/o FAF.

TAKE-OFF RWY 12, 30

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

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UUOO/VOZ CHERTOVITSKOYE

JEPPESEN

13 NOV 15 (11-1)

VORONEZH, RUSSIA
ILS or 2 NDB or NDB Rwy 30

BRIEFING STRIP

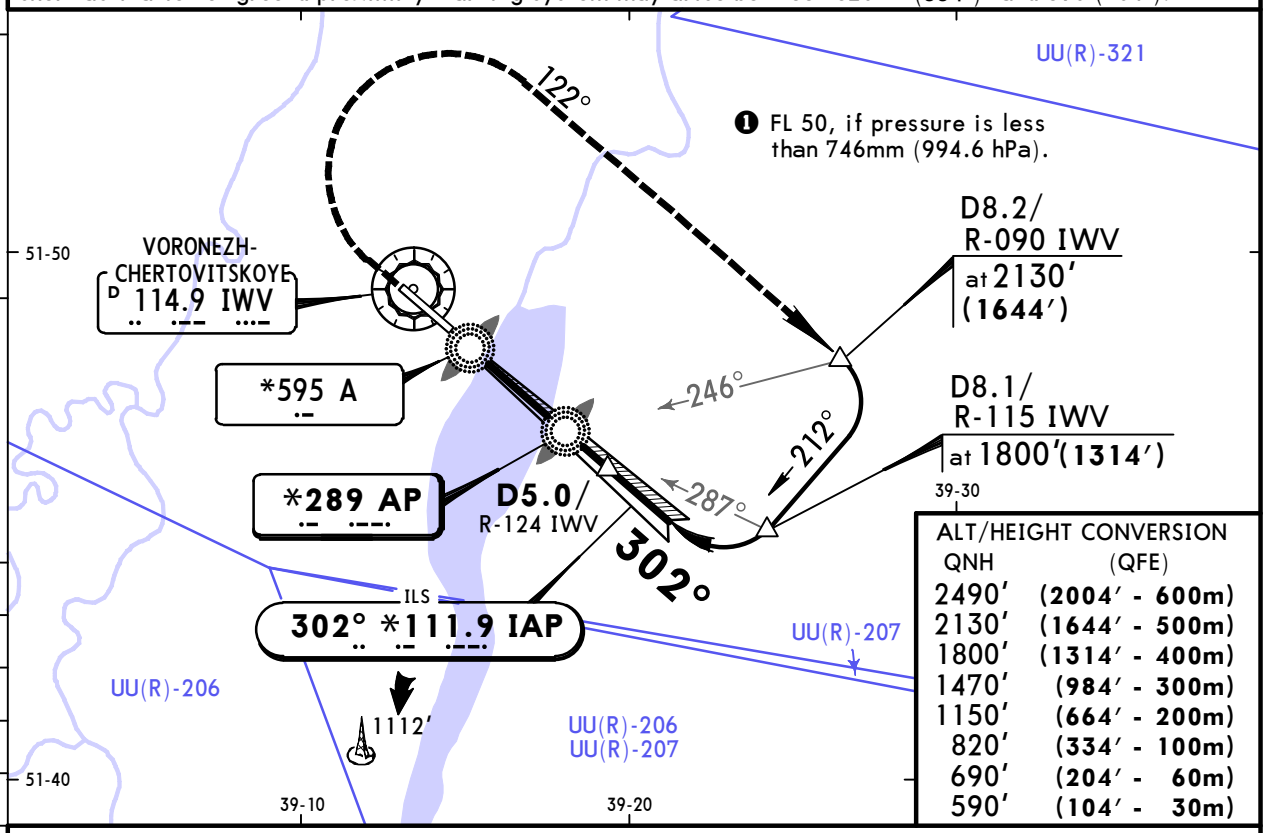
ATIS	VORONEZH Approach (0515-1815)	VORONEZH Approach (1815-0515)	VORONEZH Tower
120.8	125.9	134.5	118.3

LOC IAP	Final Apch Crs	GS LOM	ILS DA(H) Refer to Minimums	Apt Elev 515′	2400′
*111.9	302°	1470′(984′)		Rwy 486′	
NDB AP		Minimum Alt D5.0 IWV	NDB MDA(H)		MSA ARP
*289		1800′(1314′)	820′(334′)		

MISSED APCH: Climb on 302° to 1150′(664′), then turn RIGHT onto 122° climbing to 2130′ (1644′), then according to chart.

Alt Set: MM (hPa on req) QNH on req **(QFE)** Trans level: FL 40 ❶ Trans alt: 2490′ **(2004′)**

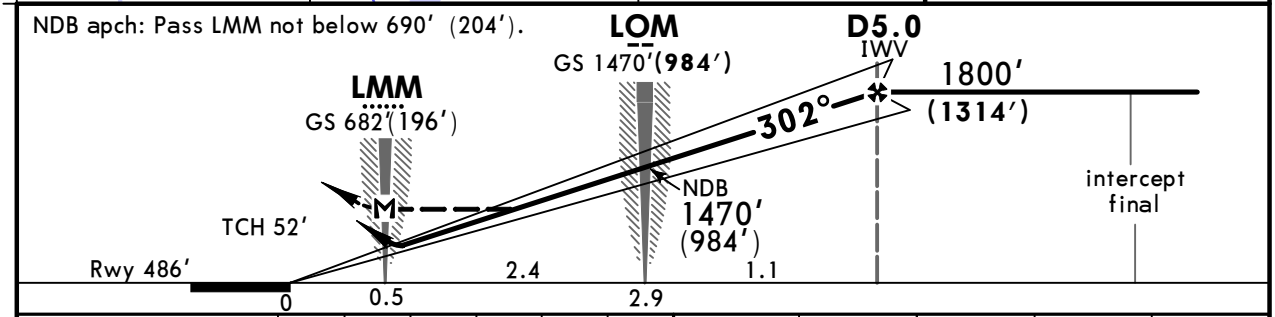
1. Wind shear with downdraughts may be expected on final. 2. Under conditions of air turbulence short activation of ground proximity warning system may arise between 820′ (334′) and 590′(104′).



ALT/HEIGHT CONVERSION

QNH	(QFE)
2490′	(2004′ - 600m)
2130′	(1644′ - 500m)
1800′	(1314′ - 400m)
1470′	(984′ - 300m)
1150′	(664′ - 200m)
820′	(334′ - 100m)
690′	(204′ - 60m)
590′	(104′ - 30m)

NDB apch: Pass LMM not below 690′ (204′).



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1150′ (664′) on 302°	122° RT	2130′ (1644′)
ILS GS or NDB Desc Angle 3.00°	372	478	531	637	743	849	PAPI			
MAP at LMM										

STRAIGHT-IN LANDING RWY 30

	ILS		LOC (GS out)	2 NDB or AP NDB		
DA(H)	ABC: 686′(200′) D: 689′(203′)			MDA(H) 820′(334′)		
	FULL	ALS out			ALS out	
A	RVR 720m VIS 800m	1200m	NOT AUTH	1200m	RVR 1500m VIS 1600m	
B						
C						
D						

PANS OPS

CHANGES: None.

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UUOO/VOZ CHERTOVITSKOYE

JEPPESEN

13 NOV 15 (16-1)

VORONEZH, RUSSIA
2 NDB or NDB Rwy 12

BRIEFING STRIP ™

ATIS	VORONEZH Approach (0515-1815)	VORONEZH Approach (1815-0515)	VORONEZH Tower
120.8	125.9	134.5	118.3

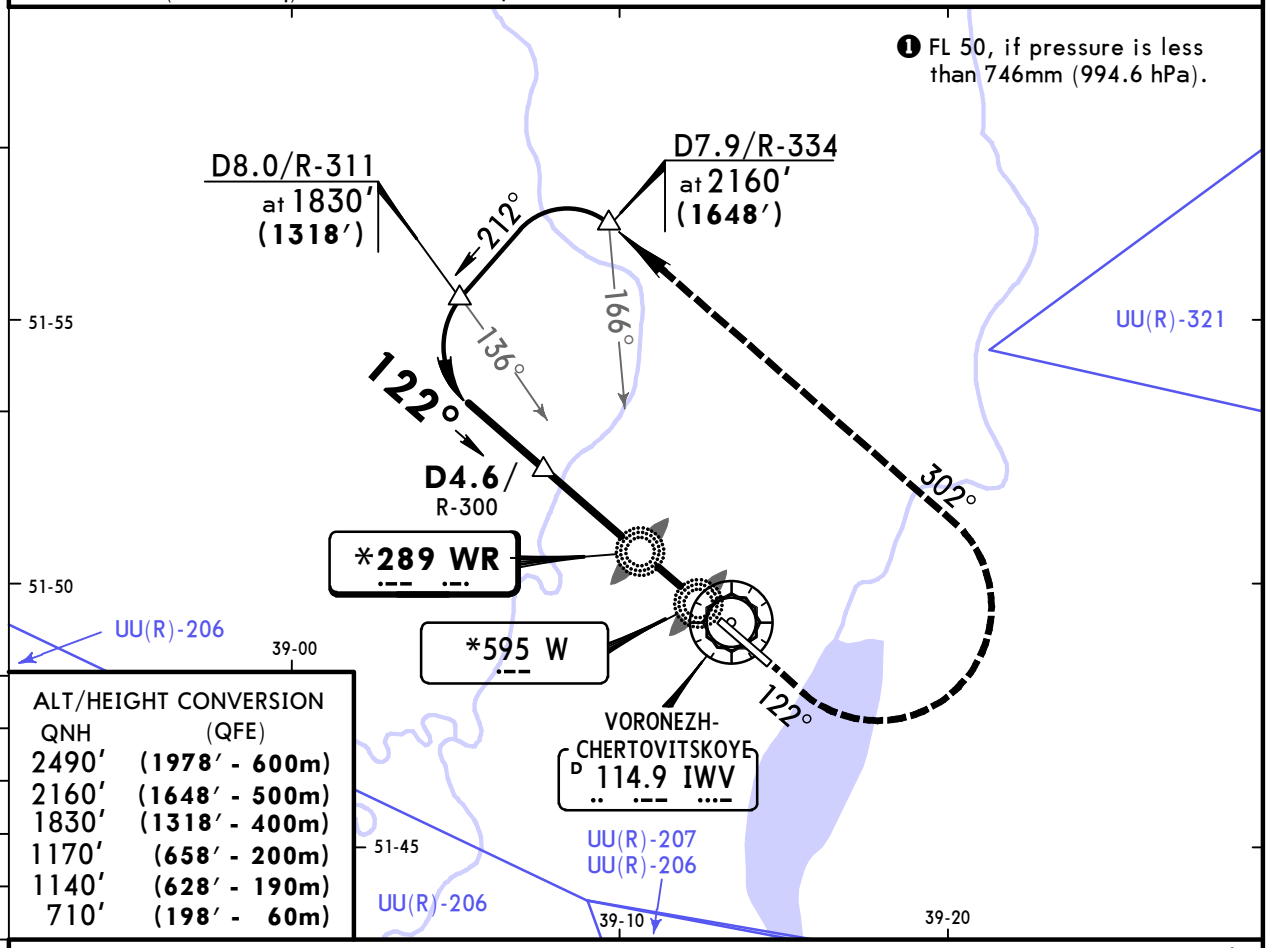
NDB WR	Final Apch Crs	Minimum Alt D4.6	MDA(H) Refer to Minimums	Apt Elev 515′ Rwy 512′
*289	122°	1830′(1318′)		

MISSED APCH: Climb on 122° to 1170′(658′), then turn LEFT onto 302° climbing to 2160′(1648′), then according to chart.

2400′ MSA ARP

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 ❶ Trans alt: 2490′(1978′)

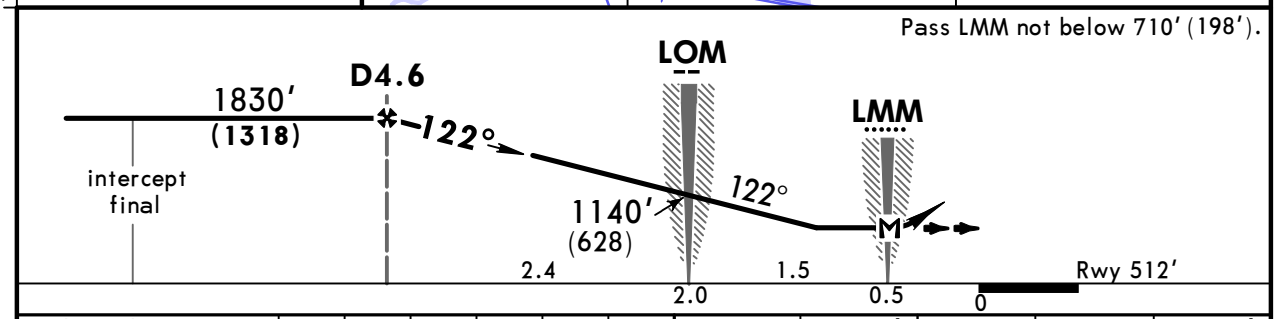
❶ FL 50, if pressure is less than 746mm (994.6 hPa).



ALT/HEIGHT CONVERSION

QNH	(QFE)
2490′	(1978′ - 600m)
2160′	(1648′ - 500m)
1830′	(1318′ - 400m)
1170′	(658′ - 200m)
1140′	(628′ - 190m)
710′	(198′ - 60m)

Pass LMM not below 710′(198′).



Gnd speed-Kts		70	90	100	120	140	160
Descent angle	2.67°	336	432	480	576	671	767
MAP at LMM							

HIALS PAPI

1170′ (658′) on 122° — 302° LT — 2160′ (1648′)

STRAIGHT-IN LANDING RWY 12

PANS OPS

	2 NDB with FAF MDA(H) 860′(348′)		2 NDB w/o FAF MDA(H) 1270′(758′)		WR NDB with FAF MDA(H) 880′(368′)		WR NDB w/o FAF MDA(H) 1070′(558′)	
		ALS out		ALS out		ALS out		ALS out
A	1200m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m
B				RVR 1800m VIS 2000m				
C			2800m	3600m			RVR 1500m VIS 1600m	2400m
D	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m	3600m	4000m	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m	2400m	2800m

CHANGES: Communications.

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Chart changes since cycle 08-2019

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE

VORONEZH, (CHERTOVITSKOYE - UUOO)

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TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UUOO