

Page 1

Changed chart(s) since Disc 26-2012

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 26-2012

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UWOO

UWOO (Orenburg)**General Info**

Orenburg, RUS

N 51° 47.7' E 55° 27.4' Mag Var: 9.8°E

Elevation: 386'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet A-1

Repairs: Major Airframe, Major Engine

Time Zone Info: GMT+6:00 no DST

Runway Info

Runway 08-26 8205' x 138' asphalt

Runway 08 (80.0°M) TDZE 384'

Lights: Edge, ALS

Runway 26 (260.0°M) TDZE 384'

Lights: Edge, ALS

Communications InfoATIS **126.4**Orenburg Start Tower **128.0**Orenburg Control Approach Control **132.0** TCAOrenburg Transit Operations **131.7** Non-English**Notebook Info**

**UWOO/REN
ORENBURG**

10 AUG 12

JEPPESEN**Eff 23 Aug**

ORENBURG, RUSSIA

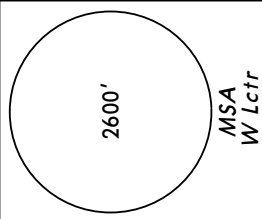
STAR

ATIS
126.4

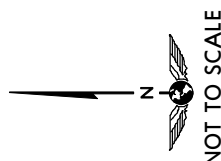
Apt Elev
386'

Alt Set: MM (hPa on request) QNH on request
Trans level: By ATC Trans alt: 2690' **(2305')**
Crossings at airway exit points by ATC.

(QFE)



ABAKA 2A [ABAK2A] ②
ABAKA 2B [ABAK2B] ①②
BENAP 2A [BENA2A]
BENAP 2B [BENA2B] ①
IPREN 2A [IPRE2A]
IPREN 2B [IPRE2B] ①
RWY 08 ARRIVALS



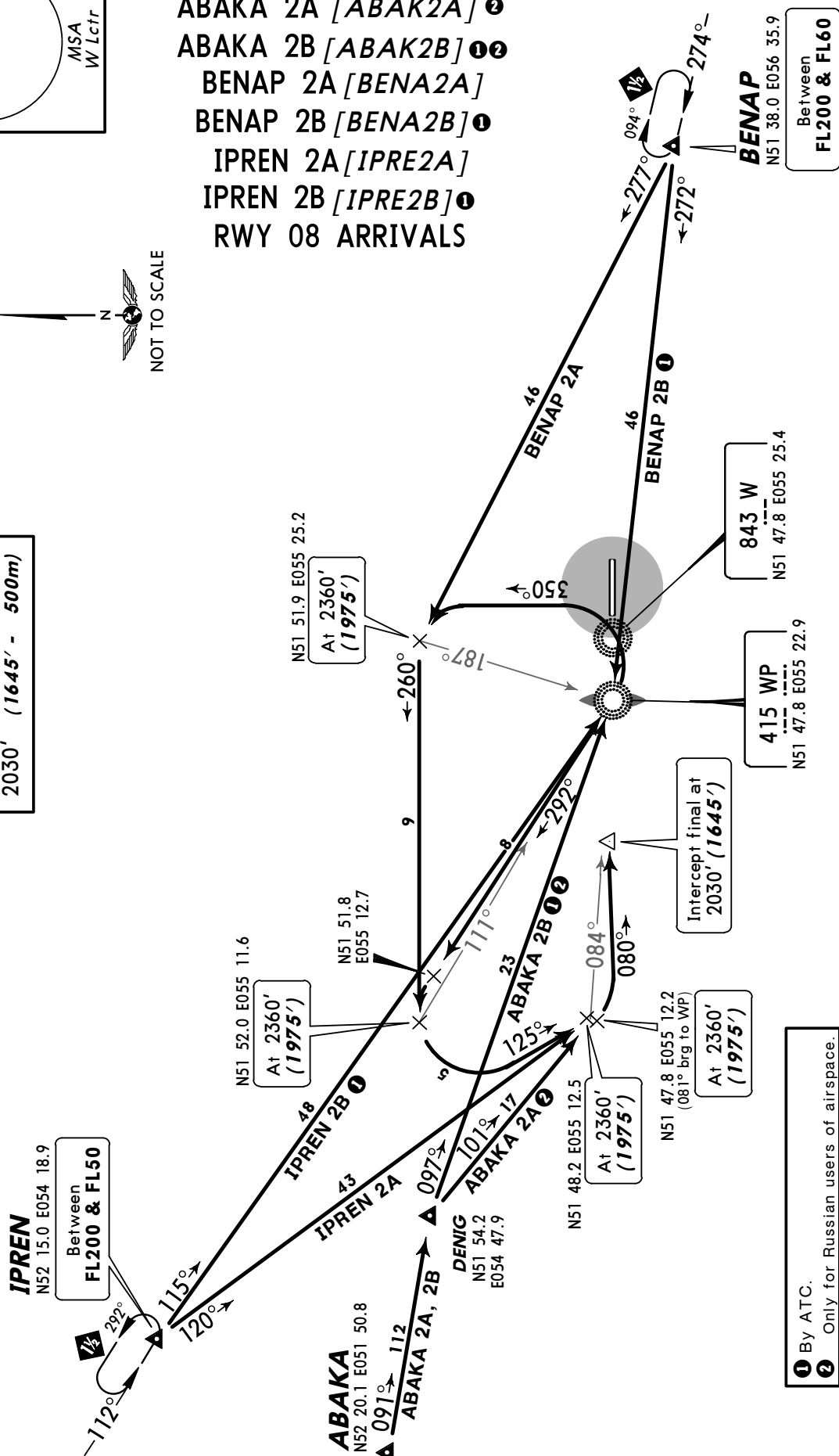
ALT/HEIGHT CONVERSION

QNH (QFE)

690' (2305' - 700m)

360' (1975' - 600m)

030' (1645' - 500m)



1 By ATC.

2 Only for Russian users of airspace.

UWOO/REN
ORENBURG

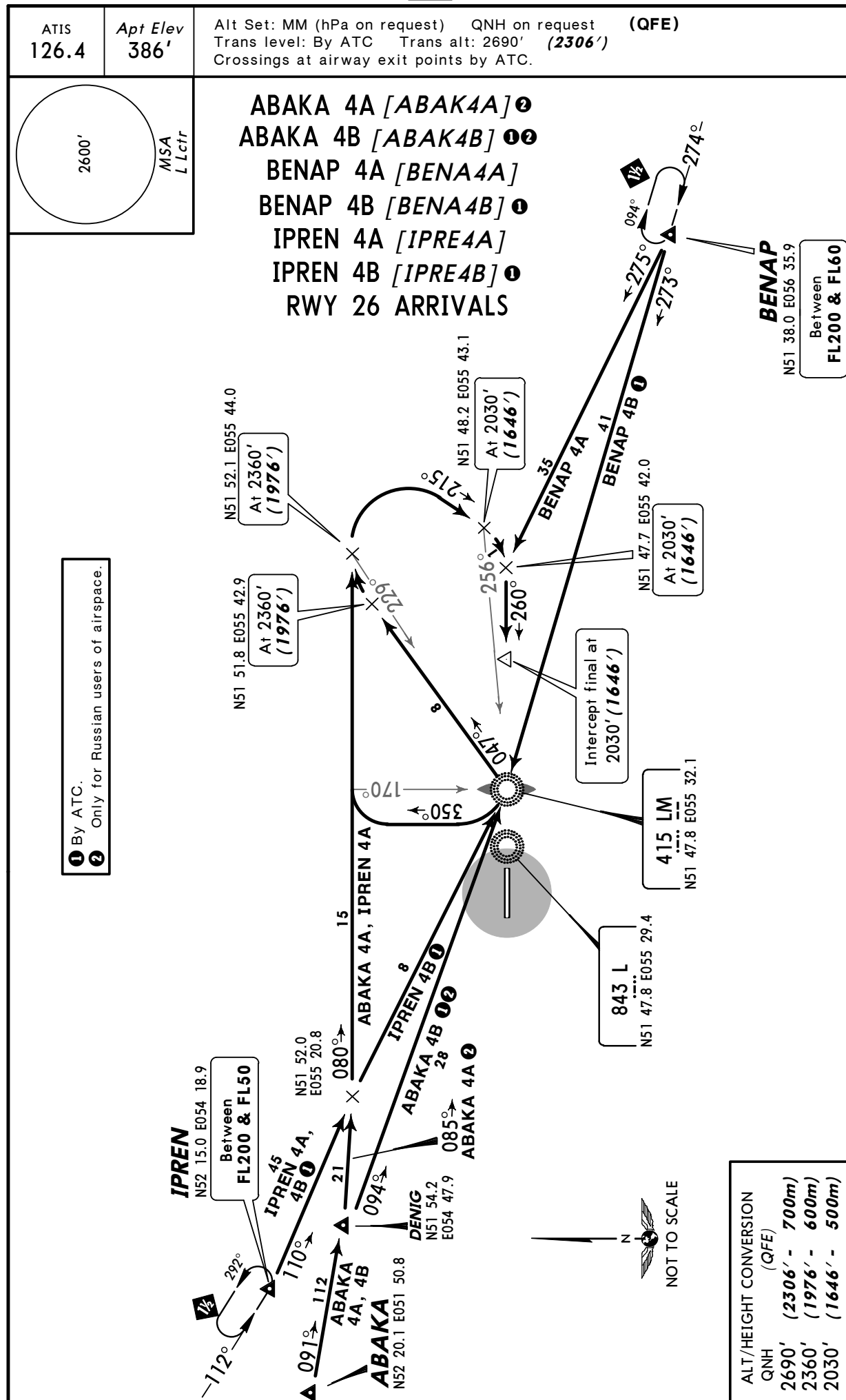
10 AUG 12

10-2A

Eff 23 Aug

ORENBURG, RUSSIA

STAR

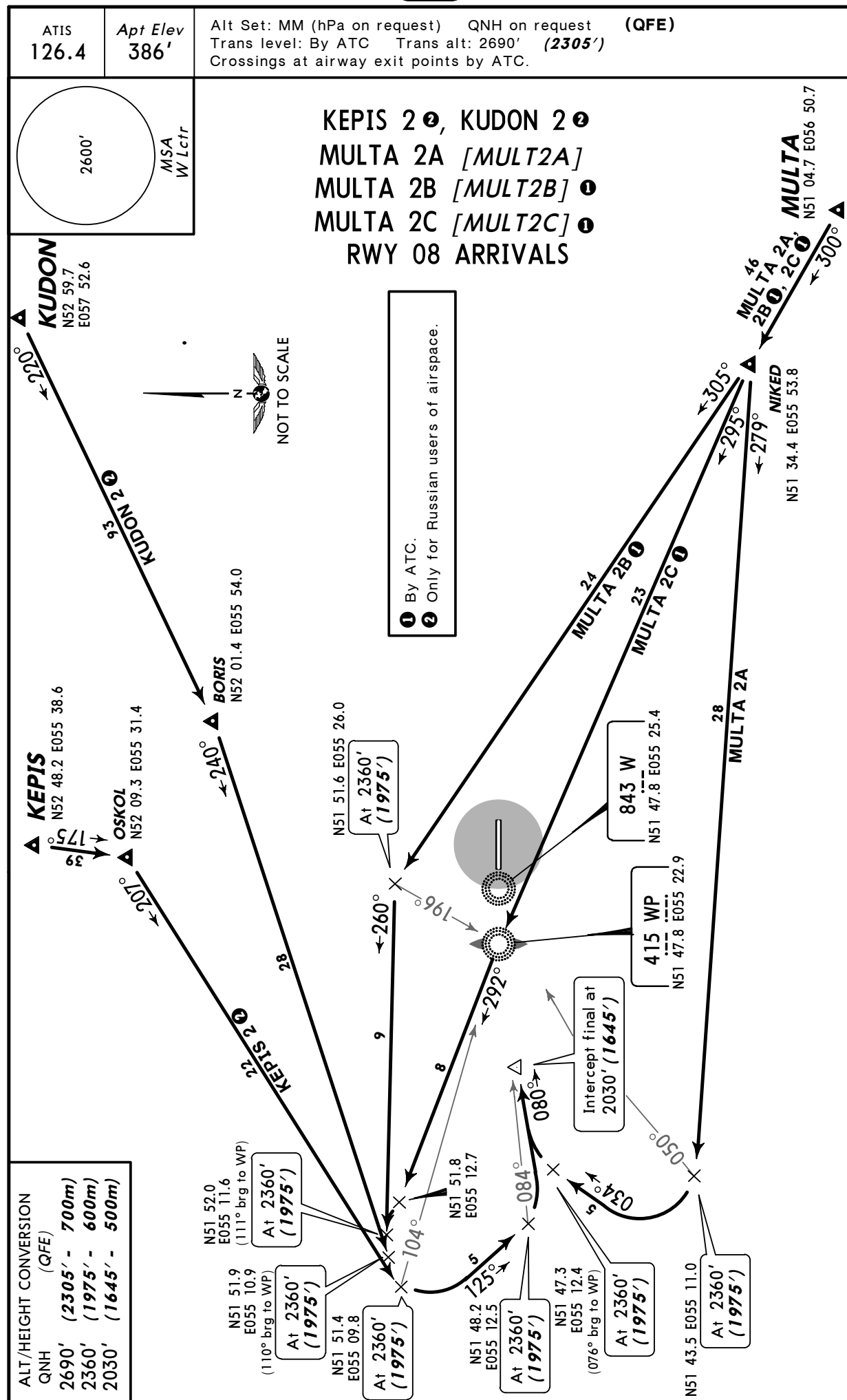


UWOO/REN
ORENBURG

JEPPESSEN
05 OCT 12 10-2B Eff 18 Oct

ORENBURG, RUSSIA

STAR

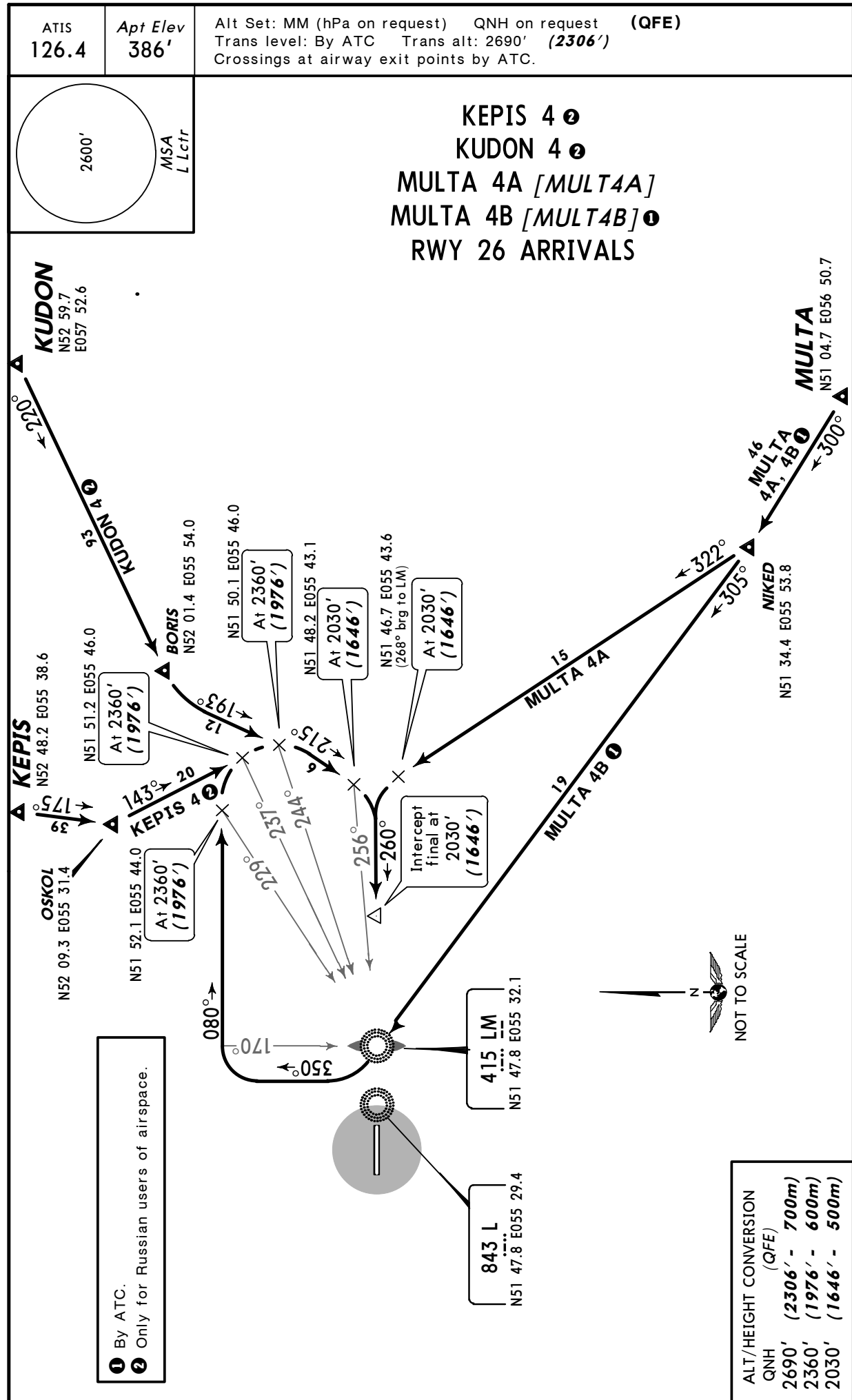


UWOO/REN
ORENBURG

JEPPESEN
05 OCT 12 **10-2C** Eff 18 Oct

ORENBURG, RUSSIA

STAR



CHANGES: INS coordinates at 268° brg to LM.

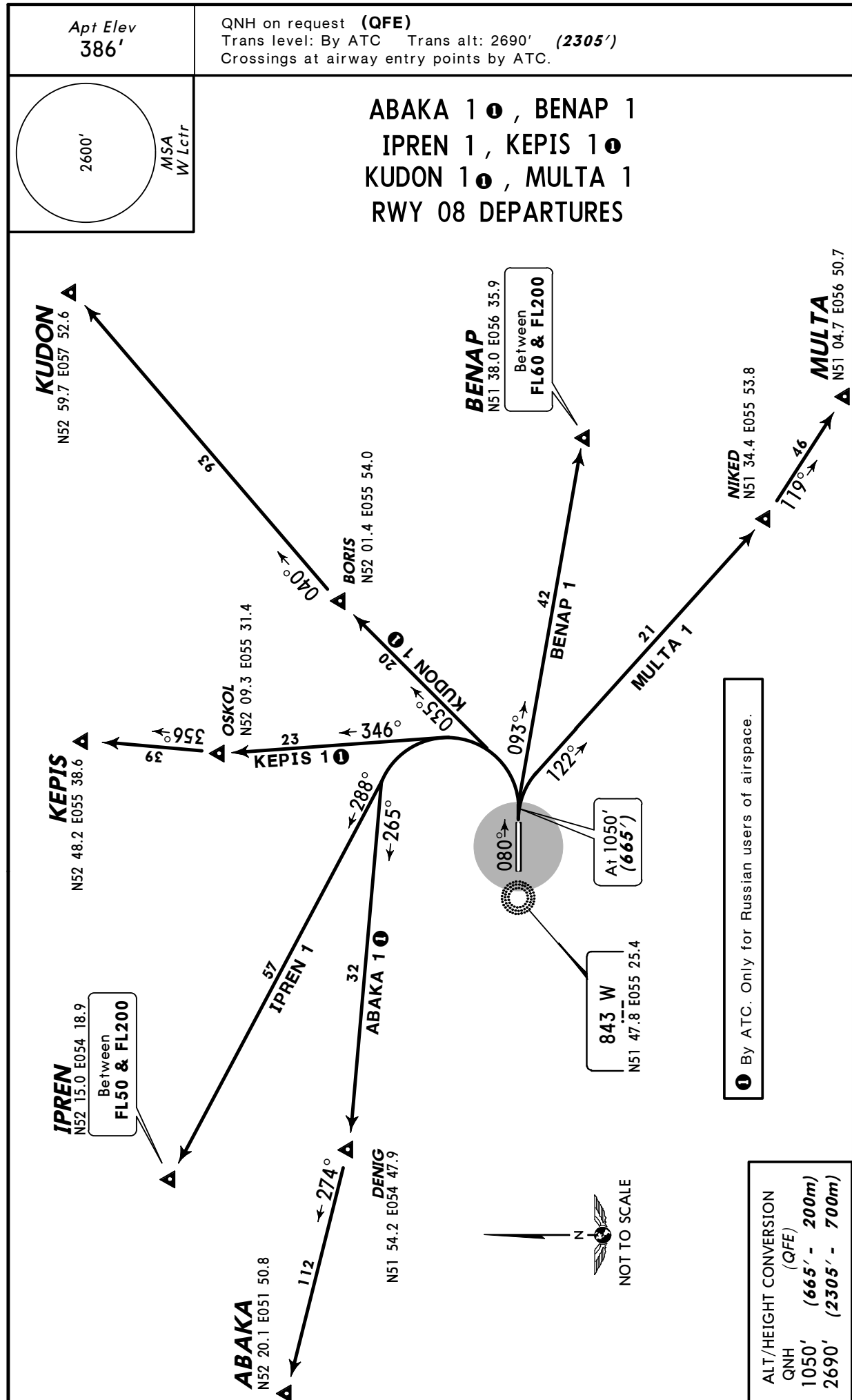
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UWOO/REN
ORENBURG

JEPPESEN
10 AUG 12 10-3 Eff 23 Aug

ORENBURG, RUSSIA

SID

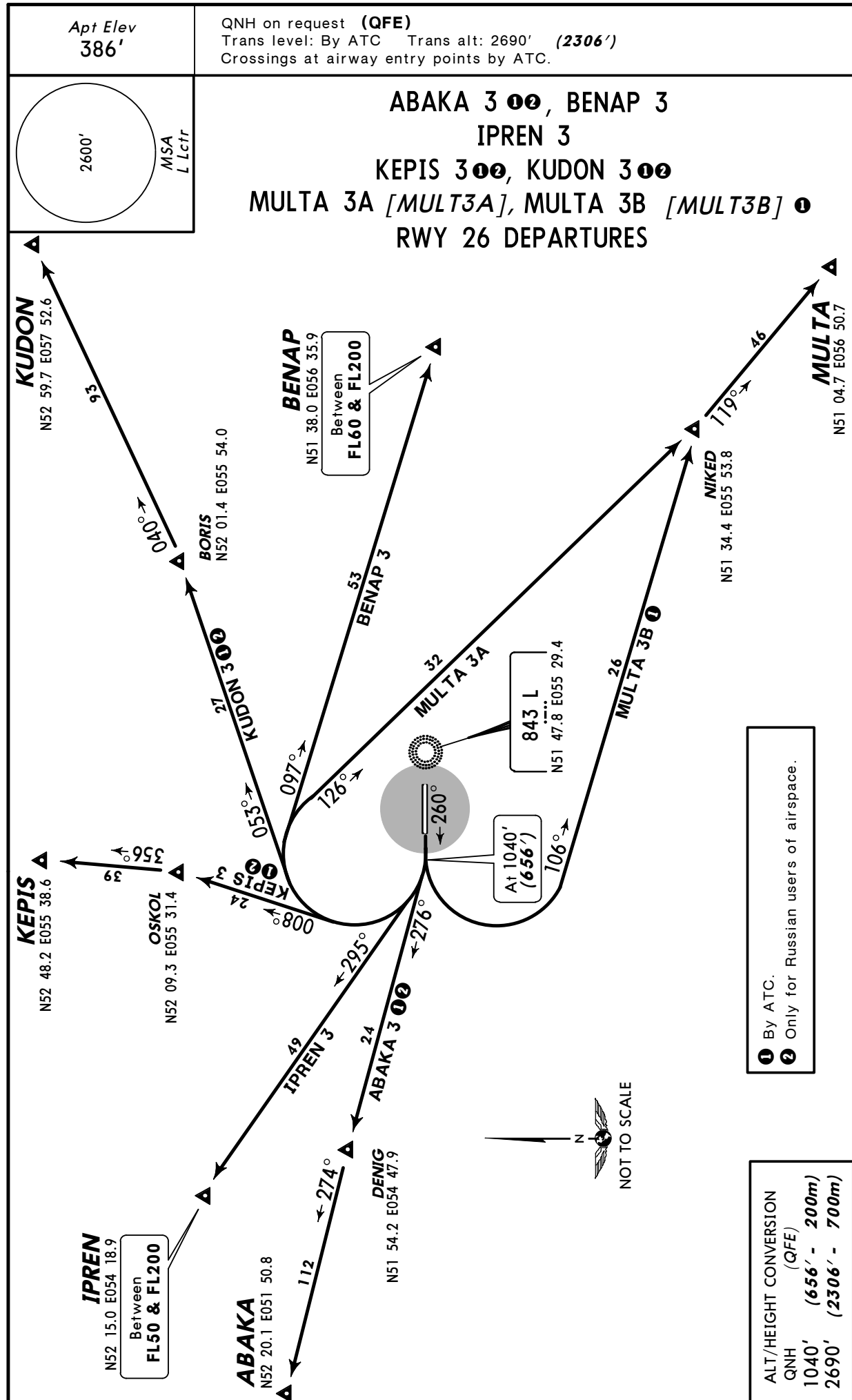


UWOO/REN
ORENBURG

JEPPESEN
10 AUG 12 **10-3A** Eff 23 Aug

ORENBURG, RUSSIA

SID



UWOO/REN

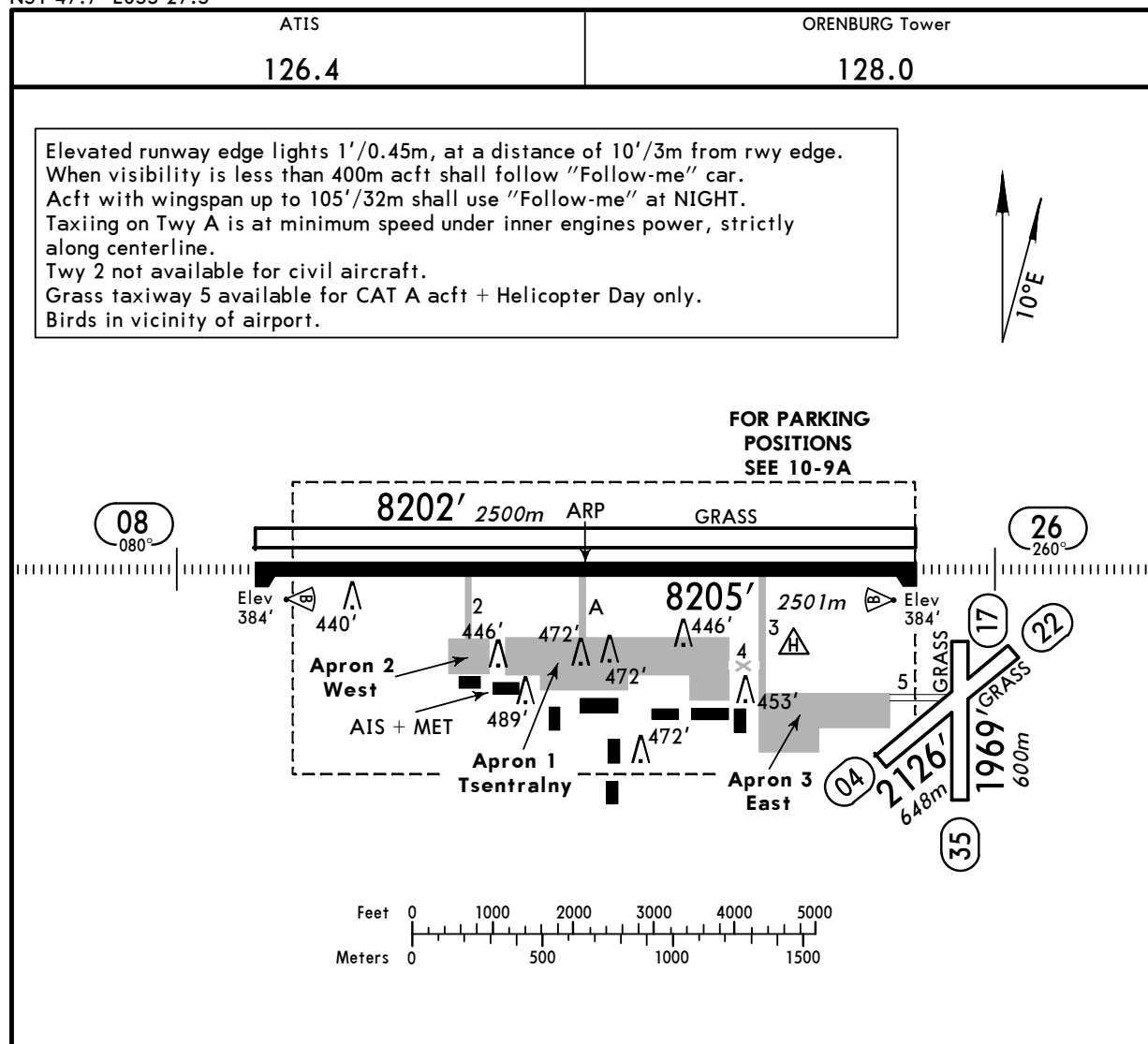
Apt Elev **386'**
N51 47.7 E055 27.5

JEPPESEN

2 SEP 11 **(10-9)**

ORENBURG, RUSSIA

ORENBURG



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Landing Beyond		
04					197' 60m
22					
08	HIRL (60m) HIALS PAPI-R (angle 2.67°) RVR		7451' 2271m		138' 42m
26	HIRL (60m) HIALS PAPI-L (angle 2.67°) RVR		6686' 2038m		
08	Grass runway				246' 75m
26					
17					197' 60m
35					

TAKE-OFF

AIR CARRIER (JAA)

Main rwy 08/26

LVP must be in force

RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A		
B	250m	400m
C		
D	300m	

UWOO/REN

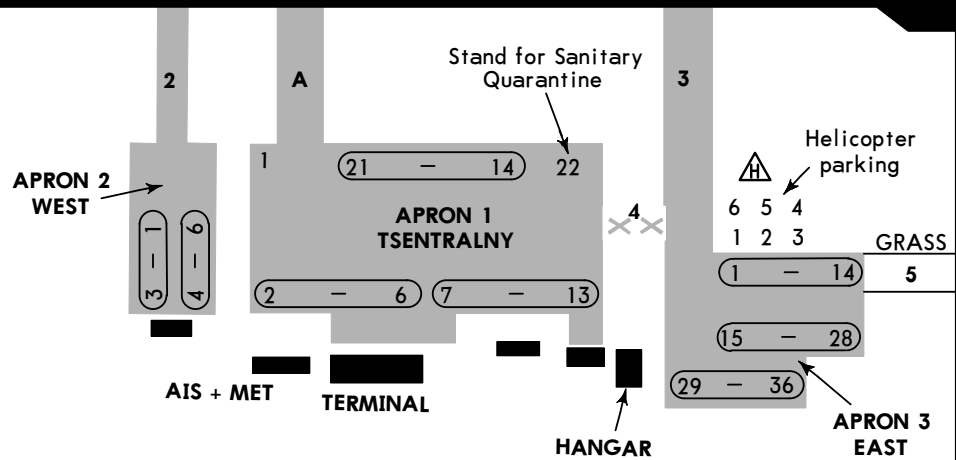
JEPPESEN
2 SEP 11 (10-9A)

ORENBURG, RUSSIA
ORENBURG

NOT TO SCALE

ARP
↓

RWY 08/26



APRON 1:

Exit from stands 1 thru 13 by towing

Exit from stands 14 thru 21 under own engines power and by towing.

APRON 3:

Stands 1 thru 36 are available for helicopters.

UW00/REN


JEPPESEN
 18 FEB 11 **10-9S**
Standard
ORENBURG, RUSSIA
 ORENBURG

STRAIGHT-IN RWY		A	B	C	D
08	ILS	585' (200')	585' (200')	585' (200')	585' (200')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	NDB ❶ ❷	740' (355')	740' (355')	740' (355')	740' (355')
26	<i>ALS out</i>	R1000m	R1000m	R1200m	R1200m
		R1600m	R1600m	R1600m	R1600m
	NDB ❸	1570' (1185')	1570' (1185')	1570' (1185')	1570' (1185')
	<i>ALS out</i>	C4800m	C4800m	C5000m	C5000m
		C5000m	C5000m	C5000m	C5000m
08	ILS	584' (200')	584' (200')	584' (200')	584' (200')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	NDB ❶ ❷	740' (356')	740' (356')	740' (356')	740' (356')
26	<i>ALS out</i>	R1000m	R1000m	R1200m	R1200m
		R1600m	R1600m	R1600m	R1600m
	NDB ❸	1440' (1056')	1440' (1056')	1440' (1056')	1440' (1056')
	<i>ALS out</i>	C4300m	C4300m	C4500m	C4500m
		C5000m	C5000m	C5000m	C5000m

❶ Continuous Descent Final Approach.

❷ with radar control.

❸ w/o radar control.

TAKE-OFF RWY 04, 08, 17, 22, 26, 35

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		

UWOO/REN
ORENBURG

JEPPESEN
3 DEC 10 **11-1** Eff 16 Dec

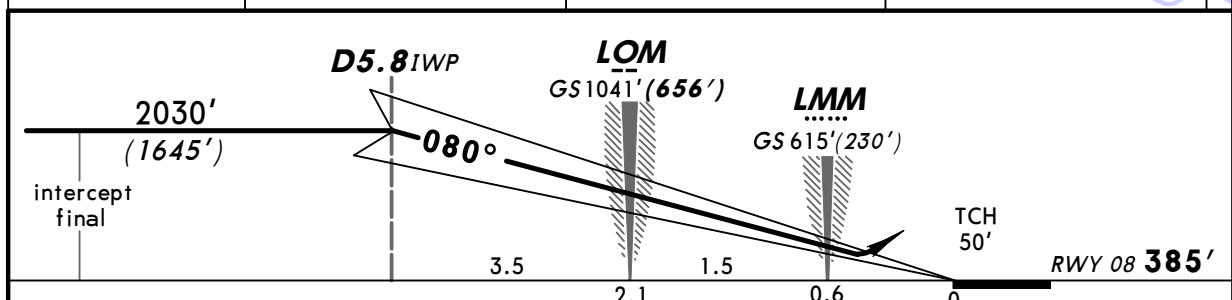
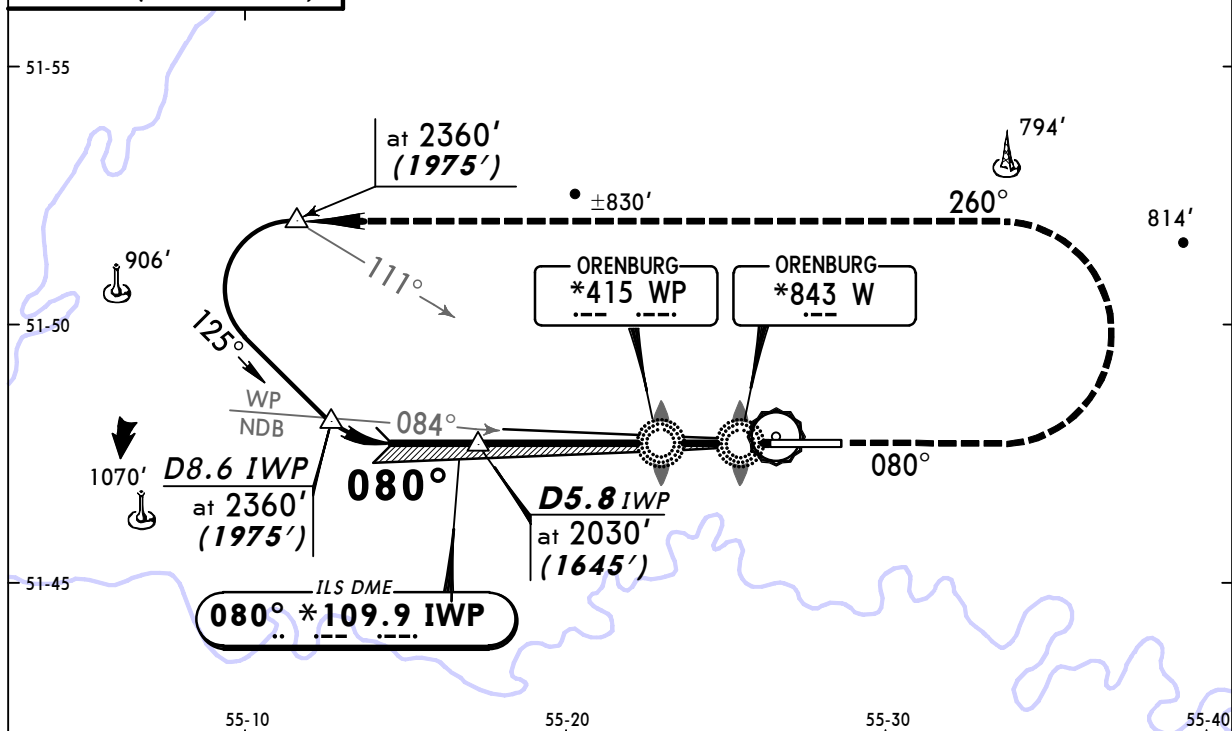
ORENBURG, RUSSIA
ILS DME Rwy 08

BRIEFING STRIP

ATIS				ORENBURG Tower	
126.4				128.0	
LOC IWP *109.9	Final Apch Crs 080°	GS LOM 1041'(656')	ILS DA(H) 585'(200')	Apt Elev 386' RWY 385'	2700' MSA ARP
MISSED APCH: Climb on 080° to 1050' (665'), then turn LEFT onto 260° climbing to 2360' (1975'), then according to chart.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 2690'(2305')					

ALT/HEIGHT CONVERSION

QNH	(QFE)
2690'	(2305' - 700m)
2360'	(1975' - 600m)
2030'	(1645' - 500m)
1050'	(665' - 200m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1050' (665')	on 080°	260° LT	2360' (1975')
GS	2.67°	336	432	480	576	671	PAPI				

STRAIGHT-IN LANDING RWY08				LOC (GS out)	
ILS					
DA(H) 585'(200')					
FULL		ALS out			
A	RVR 720m VIS 800m	1200m	NOT AUTH		
B					
C					
D					

PANS OPS

UWOO/REN
ORENBURG

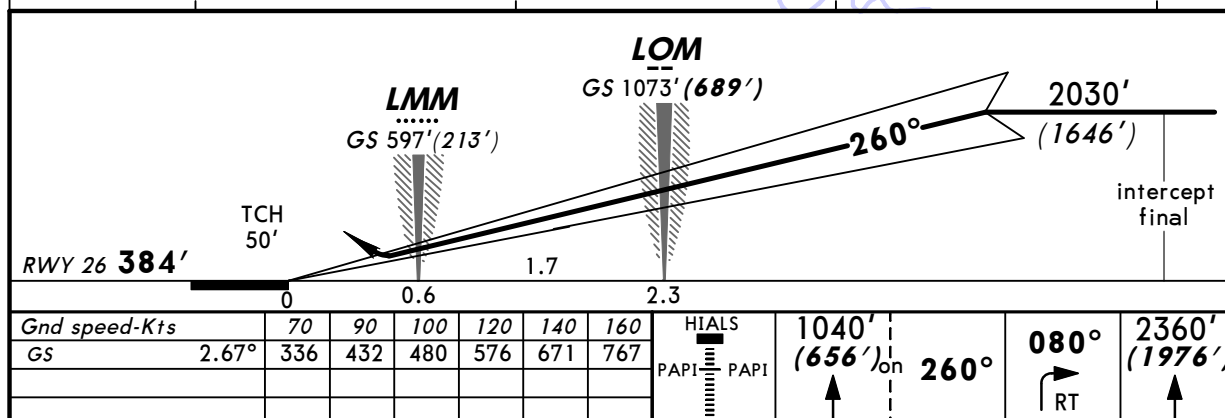
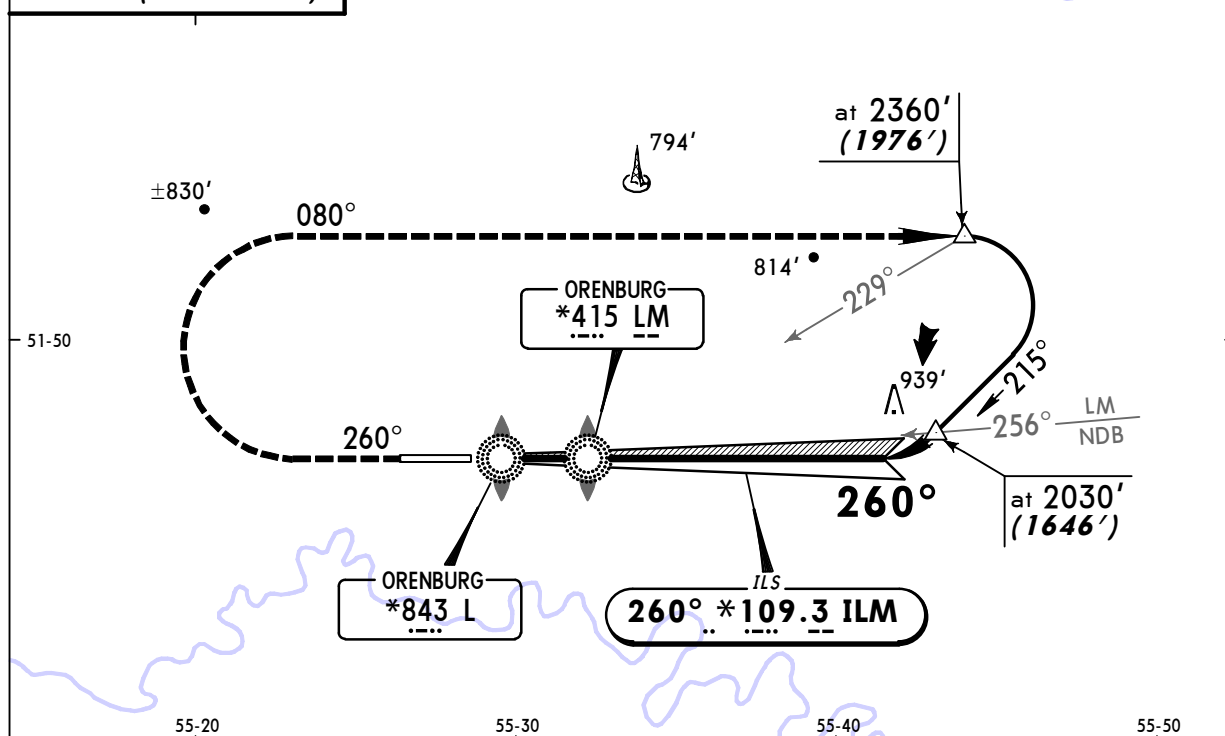
JEPPESEN
3 DEC 10 **11-2** Eff 16 Dec

ORENBURG, RUSSIA
ILS Rwy 26

BRIEFING STRIP

ATIS 126.4				ORENBURG Tower 128.0	
LOC ILM *109.3	Final Apch Crs 260°	GS LOM 1073' (689')	ILS DA(H) 584' (200')	Apt Elev 386' RWY 384'	2700' MSA ARP
MISSED APCH: Climb on 260° to 1040' (656'), then turn RIGHT onto 080° climbing to 2360' (1976'), then according to chart.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 2690' (2306')					

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2690'	(2306' - 700m)
2360'	(1976' - 600m)
2030'	(1646' - 500m)
1040'	(656' - 200m)



STRAIGHT-IN LANDING RWY26			
DA(H) 584'(200')		LOC (GS out)	
FULL	ALS out		
A			
B			
C	RVR 720m VIS 800m	1200m	NOT AUTH
D			

UWOO/REN
ORENBURG

JEPPESEN
3 DEC 10 **16-1** Eff 16 Dec

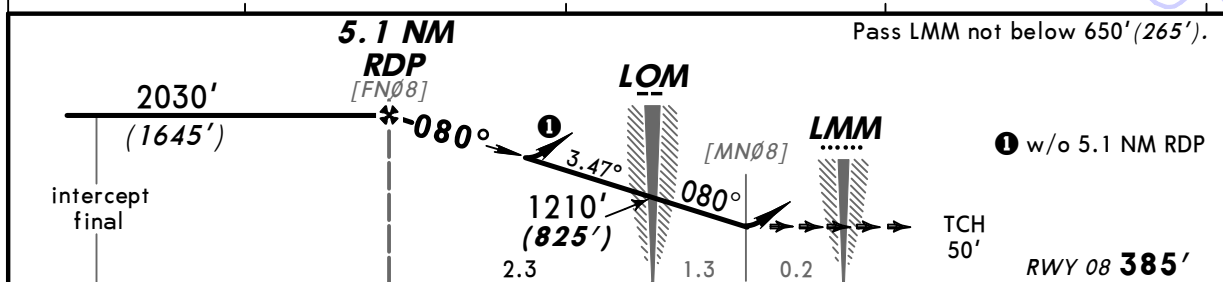
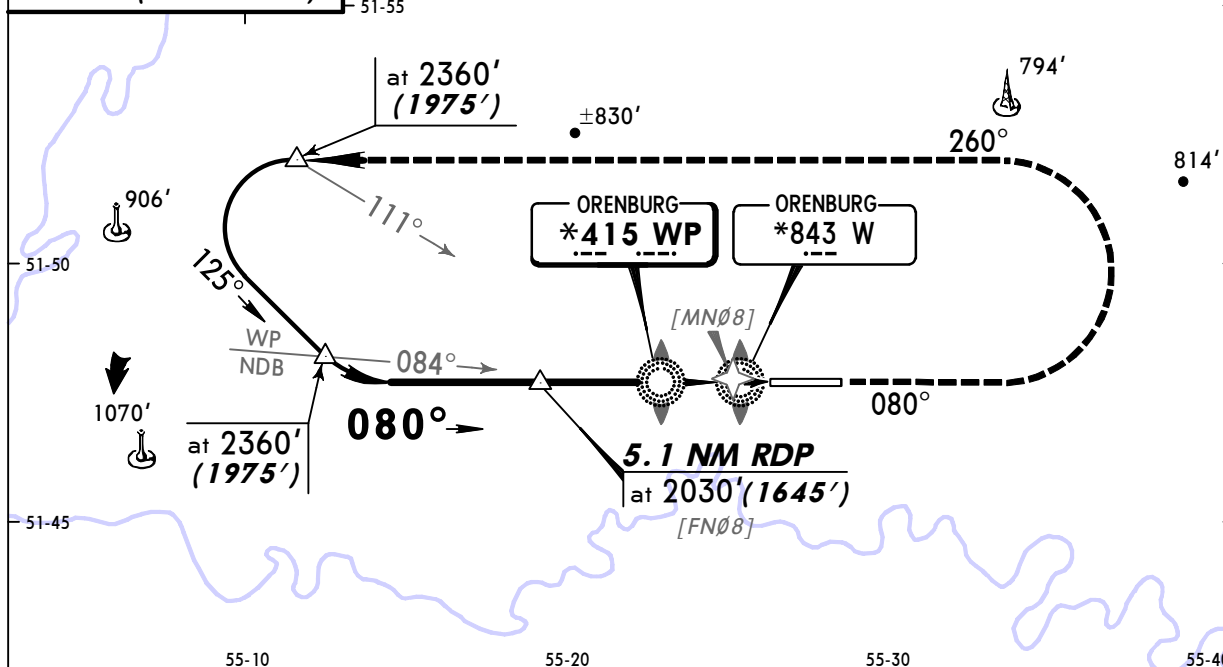
ORENBURG, RUSSIA
2 NDB Rwy 08

BRIEFING STRIP

ATIS				ORENBURG Tower	
126.4				128.0	
NDB WP *415	Final Apch Crs 080°	Minimum Alt LOM 1210' (825')	MDA(H) (CONDITIONAL) 720' (335')	Apt Elev 386' RWY 385'	2700'
MISSED APCH: Climb on 080° to 1050' (665'), then turn LEFT onto 260° climbing to 2360' (1975'), then according to chart.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 2690' (2305')					
					MSA ARP

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2690'	(2305' - 700m)
2360'	(1975' - 600m)
2030'	(1645' - 500m)
1210'	(825' - 250m)
1050'	(665' - 200m)
650'	(265' - 80m)

RDP (Radar descent point)
-will be allocated by
Radar Controller
-distance to station



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1050' (665') on 080°	260° LT	2360' (1975')
Descent angle	3.47°	430	553	614	737	860	983			

STRAIGHT-IN LANDING RWY 08			
with 5.1 NM RDP MDA(H) 720' (335')		w/o 5.1 NM RDP MDA(H) 1570' (1185')	
ALS out		ALS out	
A	1200m	3200m	
B			
C			
D	RVR 1500m VIS 1600m	4000m	4800m

PANS OPS

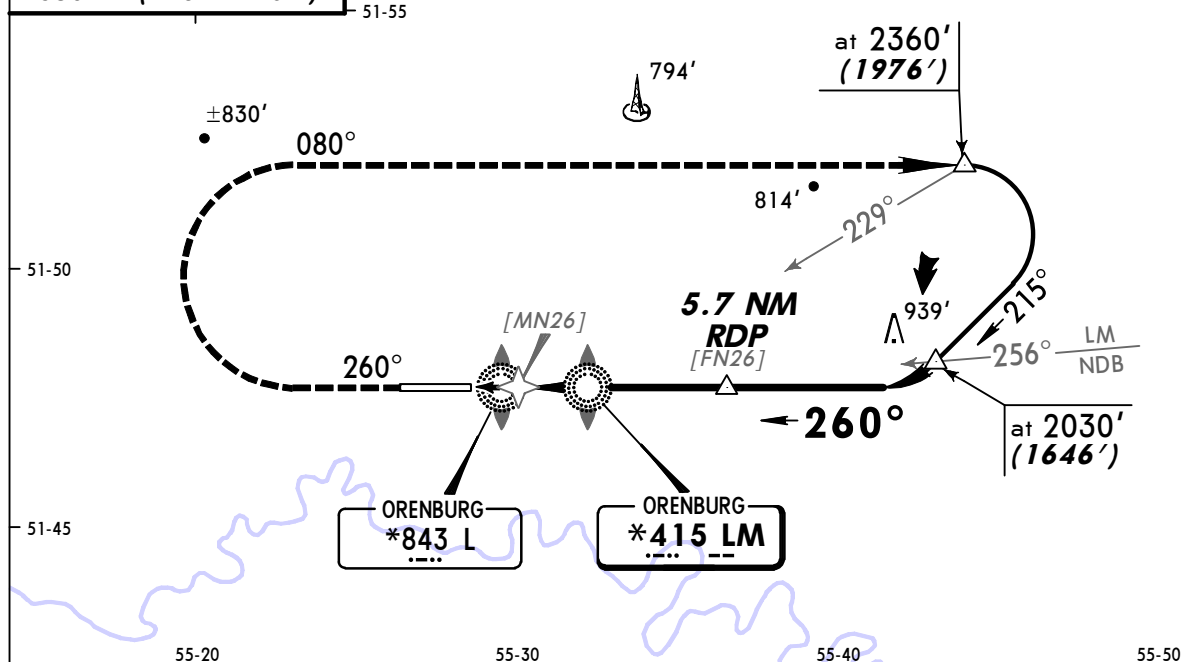
UWOO/REN
ORENBURG

JEPPESEN
3 DEC 10 (16-2) Eff 16 Dec

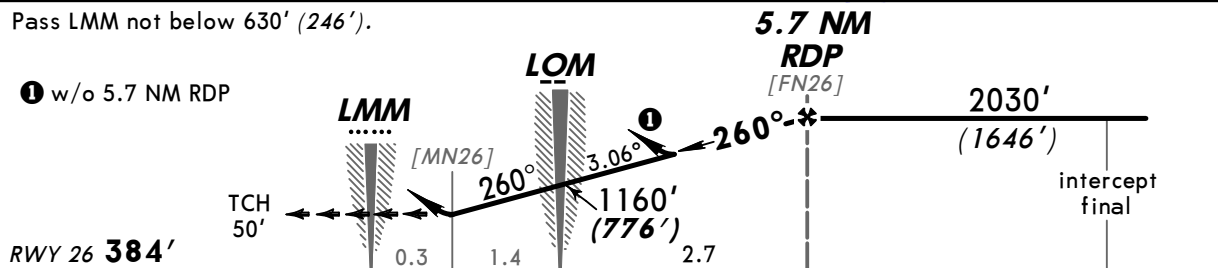
ORENBURG, RUSSIA
2 NDB Rwy 26

BRIEFING STRIP

ATIS 126.4				ORENBURG Tower 128.0	
NDB LM *415	Final Apch Crs 260°	Minimum Alt LOM 1160' (776')	MDA(H) (CONDITIONAL) 700' (316')	Apt Elev 386' RWY 384'	2700' MSA ARP
MISSED APCH: Climb on 260° to 1040' (656'), then turn RIGHT onto 080° climbing to 2360' (1976'), then according to chart.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 2690' (2306')					
ALT/HEIGHT CONVERSION QNH (QFE) 2690' (2306' - 700m) 2360' (1976' - 600m)					
					RDP (Radar descent point) -will be allocated by Radar Controller -distance to station



Pass LMM not below 630' (246').



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1040' (656') on 260°	080° RT	2360' (1976')
Descent angle	3.06°	379	487	541	650	758	866	PAPI		

STRAIGHT-IN LANDING RWY 26					
with 5.7 NM RDP MDA(H) 700' (316')			w/o 5.7 NM RDP MDA(H) 1440' (1056')		
ALS out		ALS out			
A	1200m	RVR 1500m VIS 1600m	3200m		
B					
C	RVR 1500m VIS 1600m		4000m	4800m	
D			4400m		