

UNAA/ABA
ABAKAN

2 JAN 09

JEPPESEN

10-2

Eff 15 Jan

ABAKAN, RUSSIA

STAR[illegible]

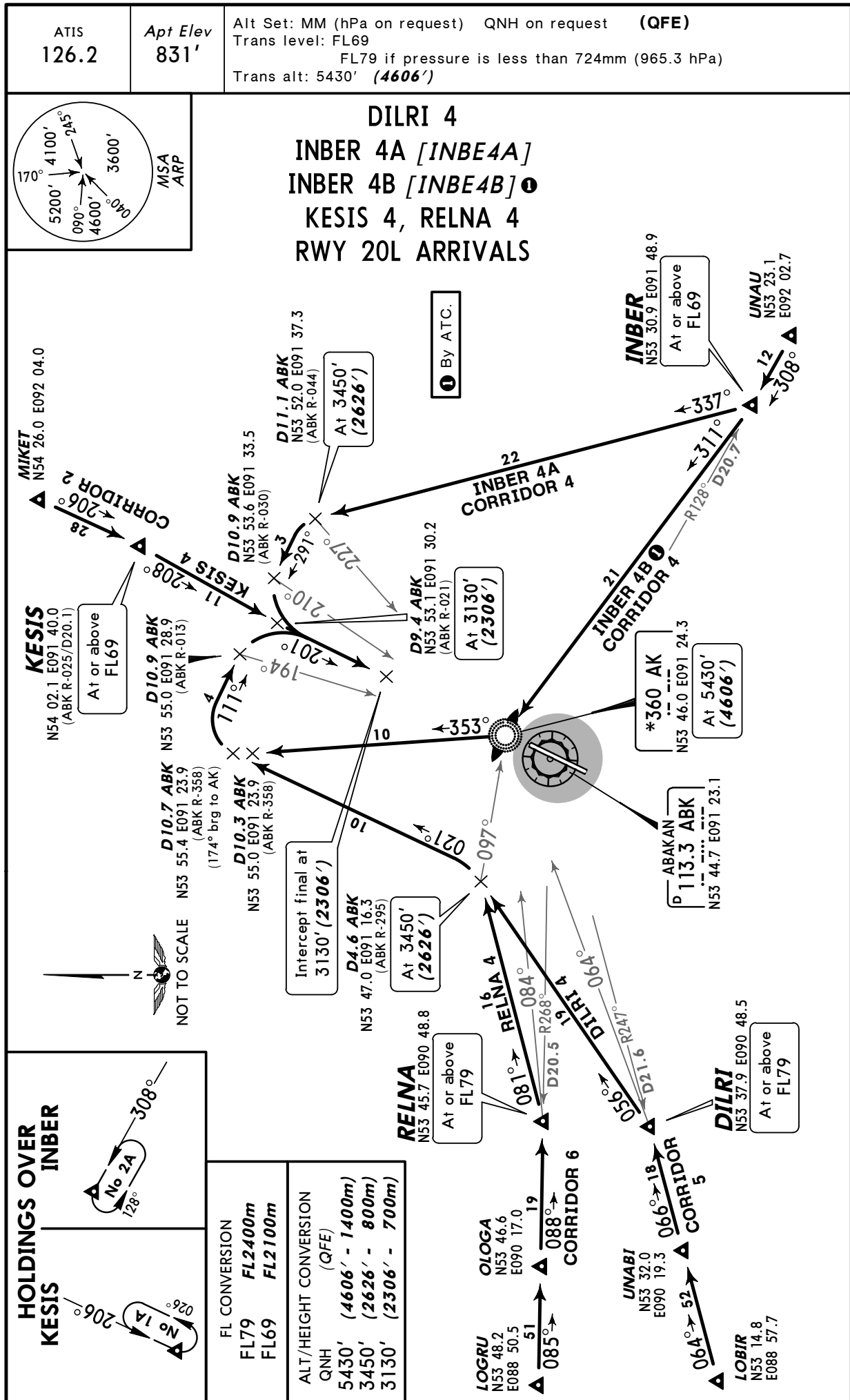
CHANGES: STAR RELNA 2 established.

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

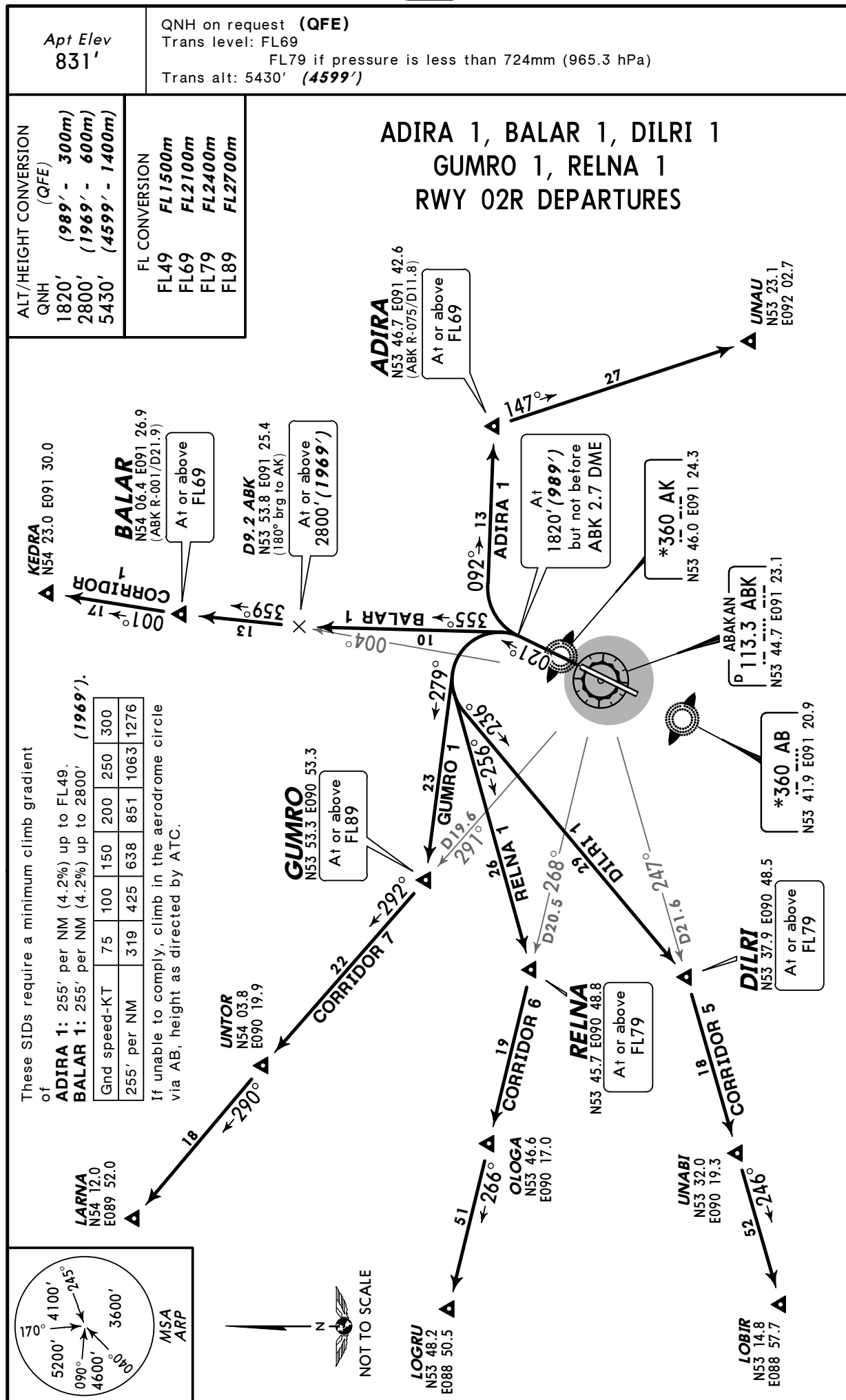
ABAKAN, RUSSIA

STAR

UNAA/ABA
ABAKAN

JEPPESEN
2 JAN 09 10-3 Eff 15 Jan

ABAKAN, RUSSIA
SID



UNAA/ABA
ABAKAN

2 JAN 09

JEPPESEN

(10-3A)

Eff 15 Jan

ABAKAN, RUSSIA

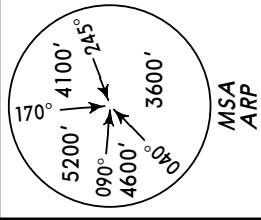
SID

Apt Elev
831'

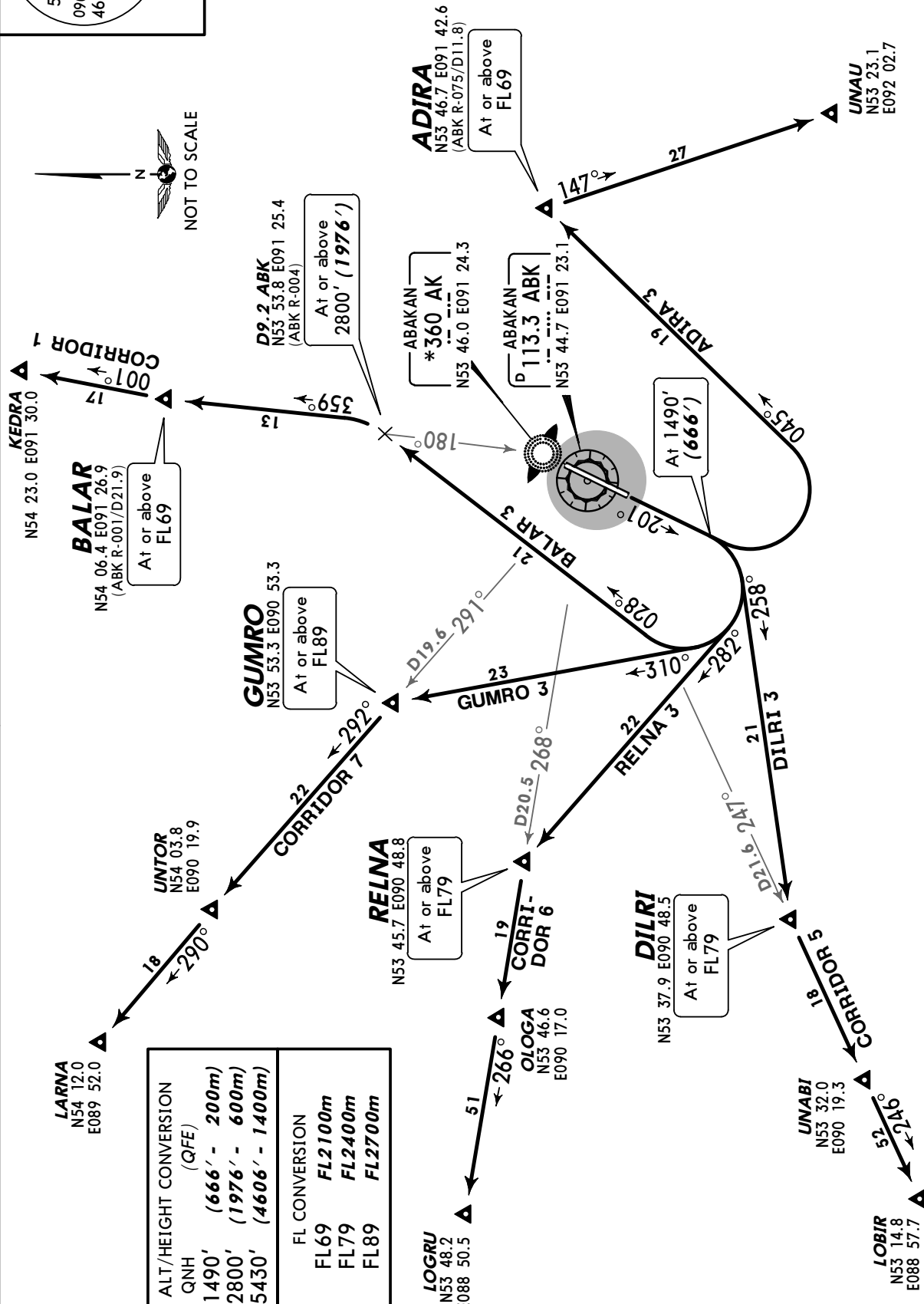
QNH on request **(QFE)**

Trans level: FL69

FL79 if pressure is less than 724mm (965.3 hPa)

Trans alt: 5430' (**4606'**)

**ADIRA 3, BALAR 3, DILRI 3, GUMRO 3, RELNA 3
RWY 20L DEPARTURES**



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Apt Elev **831'**
N53 44.5 E091 23.1

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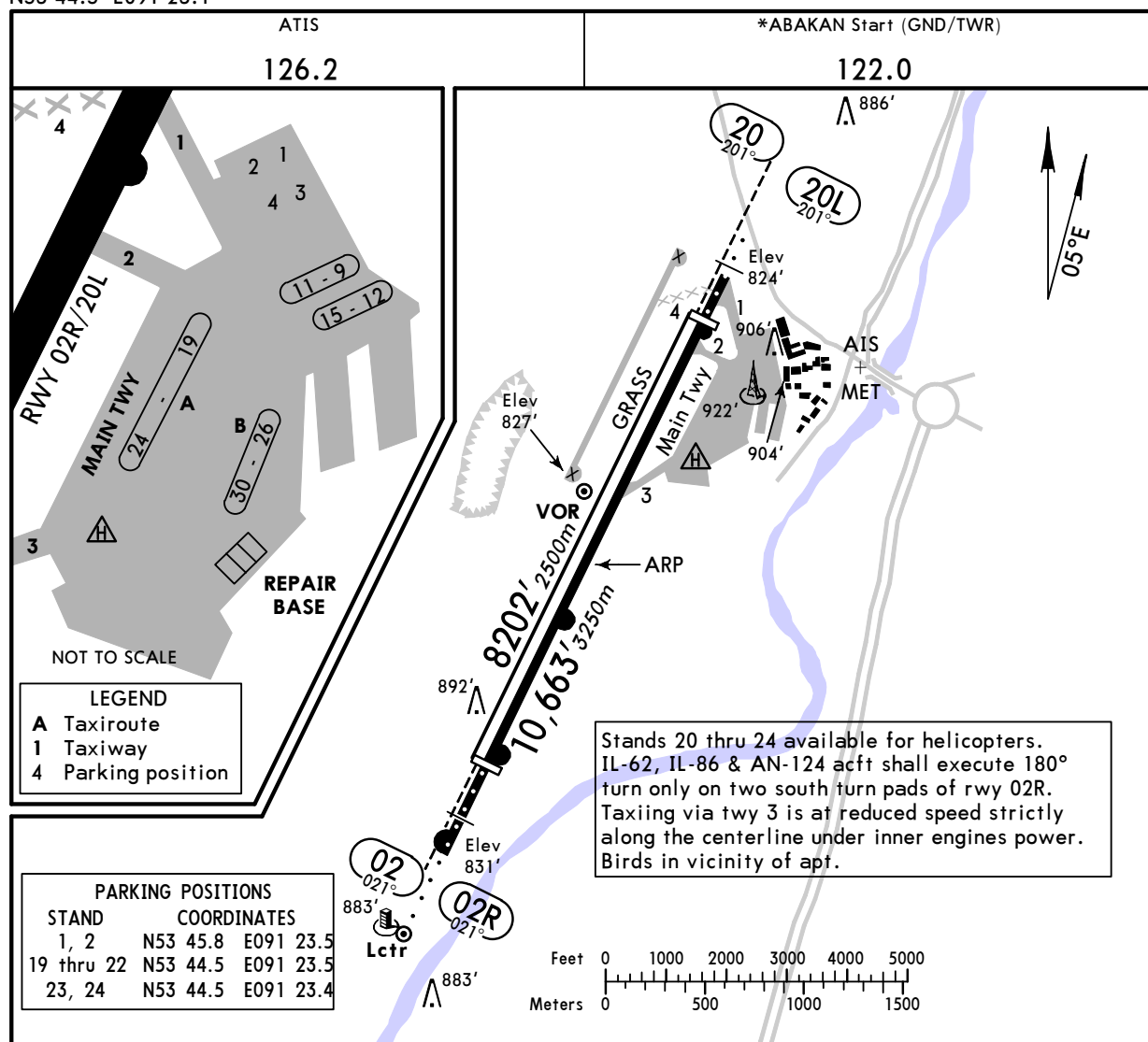
2 MAR 07

(10-9)

Eff 15 Mar

ABAKAN, RUSSIA

ABAKAN



ADDITIONAL RUNWAY INFORMATION

RWY			USABLE LENGTHS		TAKE-OFF	WIDTH
			Threshold	Landing Beyond Glide Slope		
02	20	Grass runway				262' 80m
02R	20L	RL (60m) ALS	RVR	9022' 2750m 9843' 3000m	8005' 2440m 8859' 2700m	148' 45m
					10,171' 3100m ①	

① First 492'/150m unusable for take-off.

TAKE-OFF

AIR CARRIER (JAA)

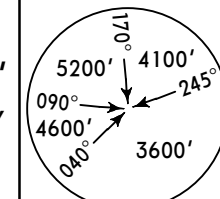
All Rwy's

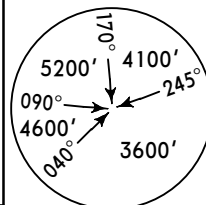
	LVP must be in force RCLM (DAY only) or RL	RCLM (DAY only) or RL
A		
B	250m	400m
C		
D	300m	

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2 MAR 07
Eff 15 Mar (11-1)

ABAKAN, RUSSIA ILS or 2 NDB Rwy 02R

ATIS 126.2		*ABAKAN Approach 134.3		*ABAKAN Krug (R) 120.6		*ABAKAN Start (TWR) 122.0		Ground 122.0			
LOC IAB *110.3		Final Apch Crs 021°		GS LOM 1454' (623')		ILS DA(H) Refer to Minimums		Apt Elev 831' RWY 831'			
NDB AB *360				NDB Minimum Alt LOM 1460' (629')		NDB MDA(H) Refer to Minimums					
MISSED APCH: Climb on 021° to 1820'(989'), then turn LEFT onto 201° climbing to 3130'(2299'), then according to chart.										 MSA ARP	

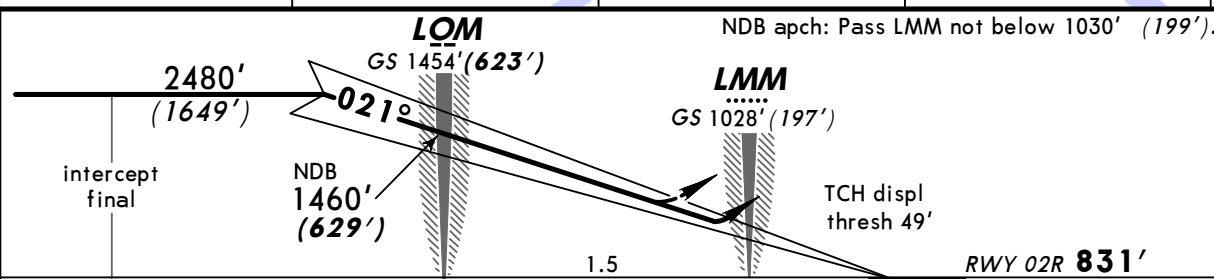
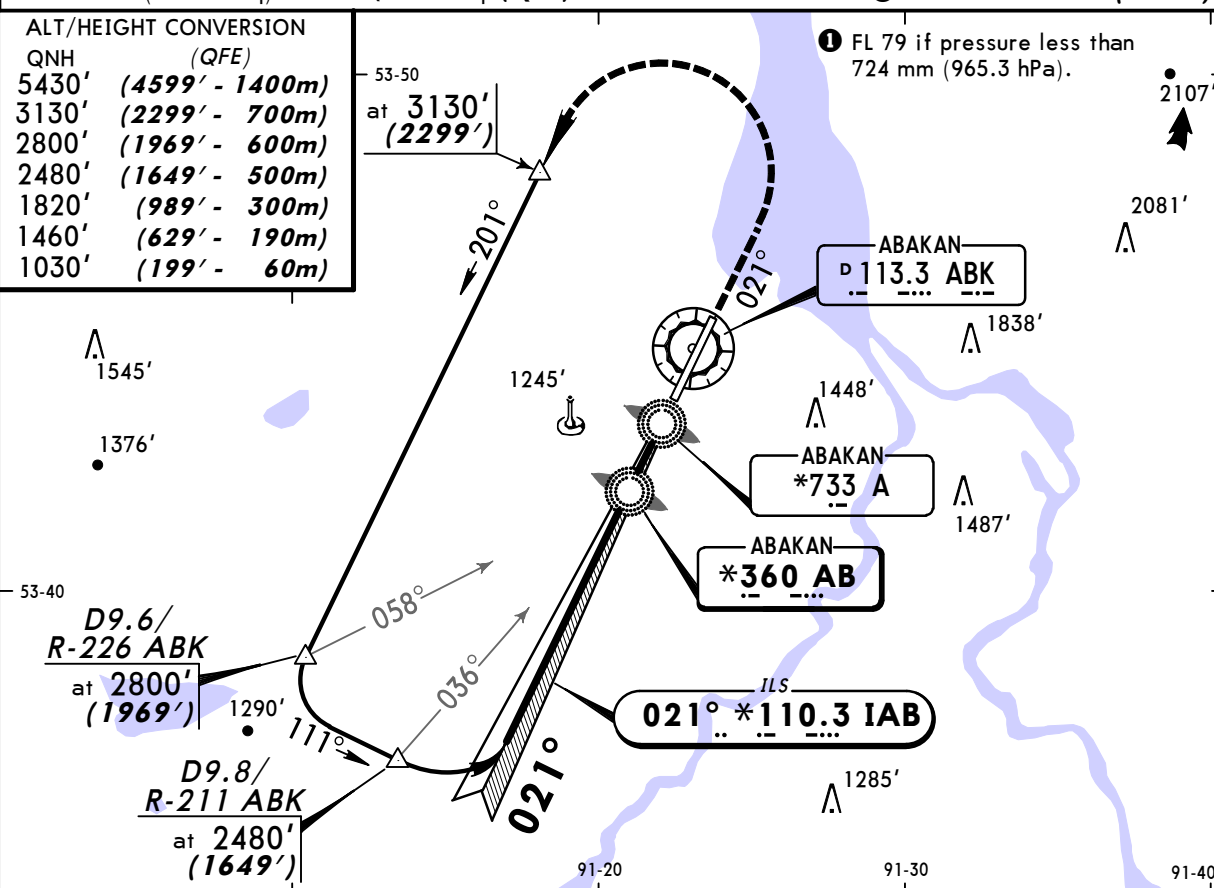


MSA
ARP

Alt Set: MM(hPa on req) QNH on req (QFE) Trans level: FL 69 ① Trans alt: 5430' (4599')

ALT/HEIGHT CONVERSION

QNH	(QFE)
5430' (4599' - 1400m)	
3130' (2299' - 700m)	
2800' (1969' - 600m)	
2480' (1649' - 500m)	
1820' (989' - 300m)	
1460' (629' - 190m)	
1030' (199' - 60m)	



Gnd speed-Kts	70	90	100	120	140	160	ALS	1820' (989')	on 021°	201°	3130' (2299')
ILS GS 2.67° or NDB Desc Grad 4.7%	332	427	474	569	663	758	...				

STRAIGHT-IN LANDING RWY 02R			
ILS DA(H) AB: 1031' (200') CD: 1061' (230')	LOC (GS out)	NDB MDA(H) A: 1140' (309') BCD: 1160' (329')	
FULL	ALS out	ALS out	

A			
B			
C	1200m	NOT AUTH	RVR 1500m VIS 1600m
D			

PANS OPS

UNAA/ABA
ABAKAN

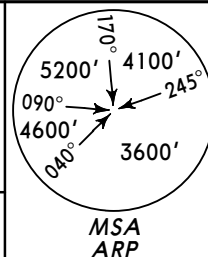
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2 MAR 07
Eff 15 Mar

(11-2)

ABAKAN, RUSSIA
ILS or NDB Rwy 20L

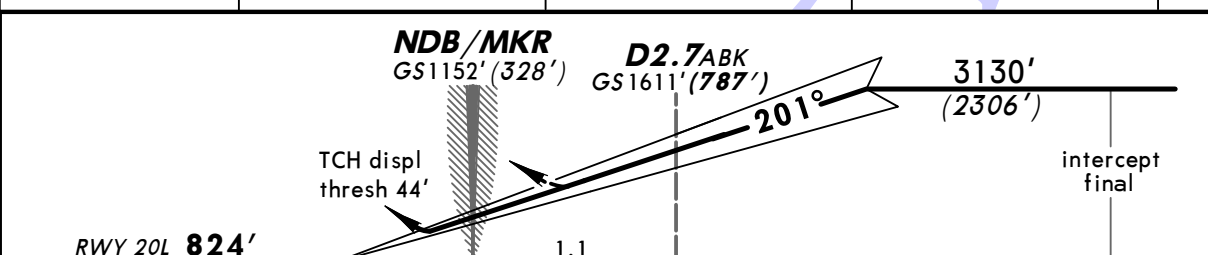
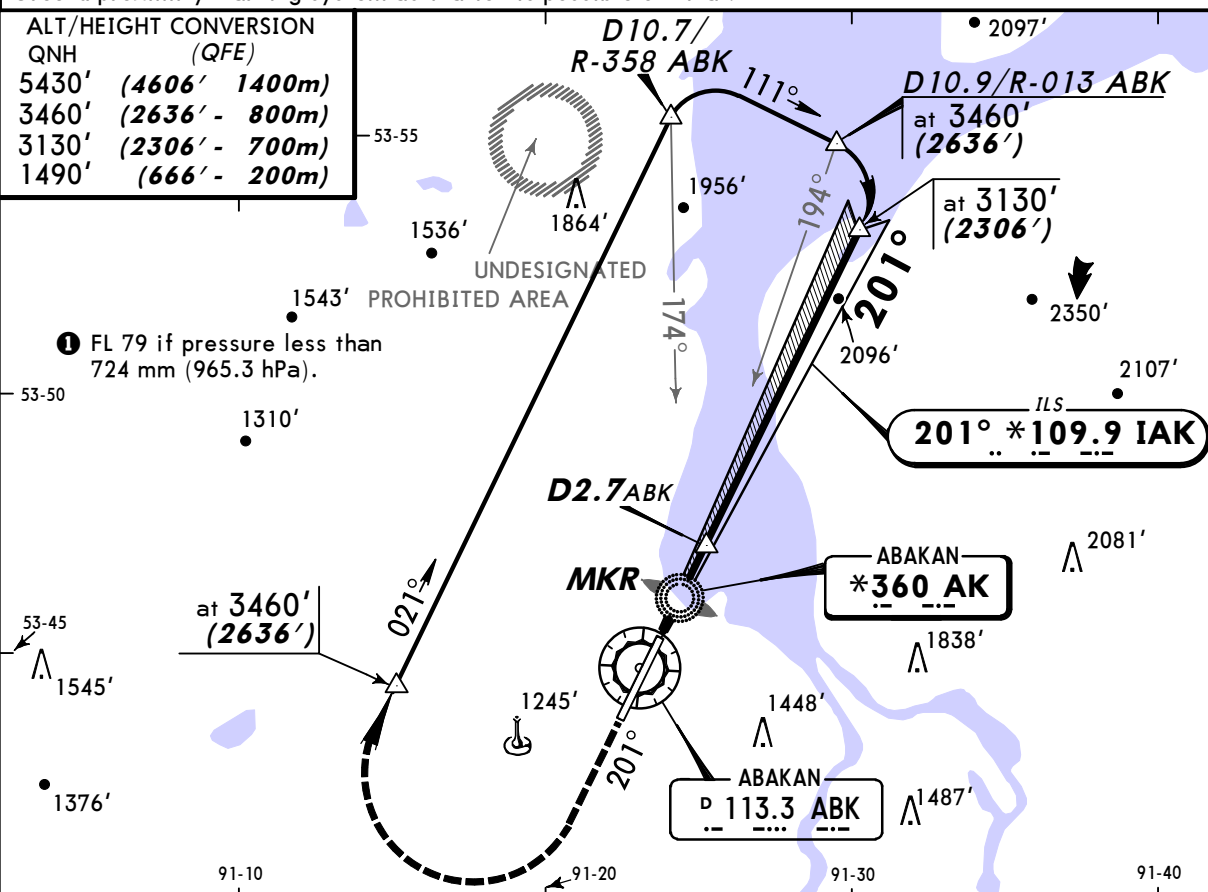
ATIS 126.2	*ABAKAN Approach 134.3	*ABAKAN Krug (R) 120.6	*ABAKAN Start (TWR) 122.0	Ground 122.0
LOC IAK *109.9	Final Apch Crs 201°	GS D2.7 ABK 1611' (787')	ILS DA(H) Refer to Minimums	Apt Elev 831' RWY 824'
NDB AK *360		Minimum Alt No FAF	NDB MDA(H) Refer to Minimums	



MISSED APCH: Climb on 201° to 1490' (666'), then turn RIGHT onto 021° climbing to 3460' (2636'), then according to chart.

Alt Set: MM(hPa on req) QNH on req (QFE) Trans level: FL 69 ① Trans alt: 5430' (4606')
Ground proximity warning system activation is possible on final.

ALT/HEIGHT CONVERSION
QNH (QFE)
5430' (4606' 1400m)
3460' (2636' - 800m)
3130' (2306' - 700m)
1490' (666' - 200m)



Gnd speed-Kts	70	90	100	120	140	160	ALS	1490' (666')	on 201°	021°	3460' (2636')
ILS GS 3.17° or NDB Desc Grad 5.5%	398	512	569	683	797	911	...			RT	

STRAIGHT-IN LANDING RWY 20L			
ILS DA(H) ABC: 1024' (200') D: 1119' (295')	LOC (GS out)	NDB MDA(H) ABC: 1480' (656') D: 1650' (826')	
FULL	ALS out	ALS out	
A			
B	1200m	NOT AUTH	3200m
C			
D	1400m		4400m

PANS OPS