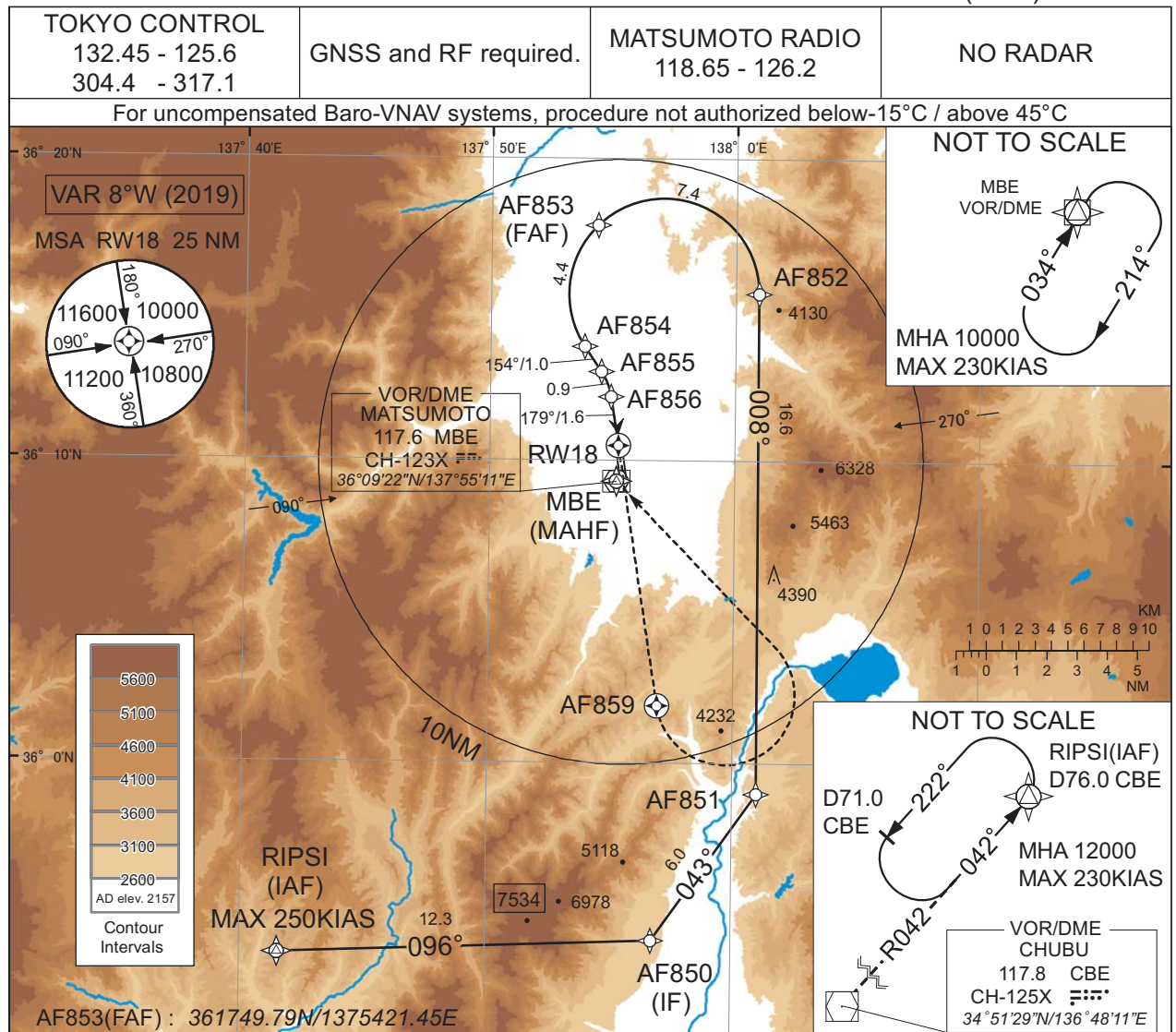


INSTRUMENT APPROACH CHART

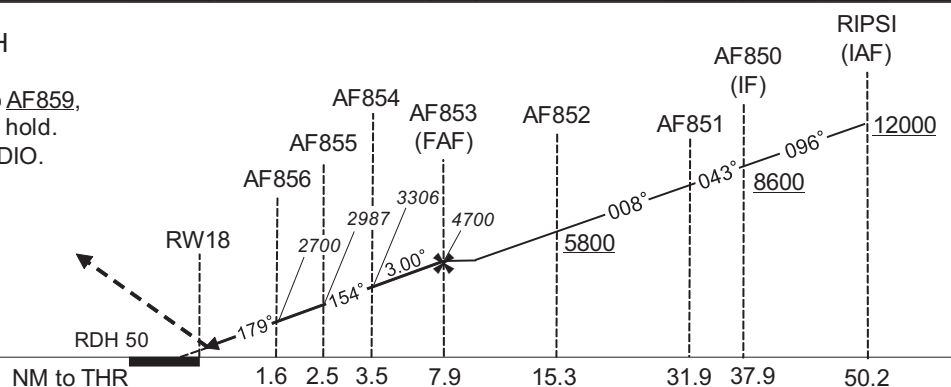
RJAF / MATSUMOTO

RNAV(RNP) Z RWY18



MISSED APPROACH

Climb to 10000FT, direct to AF859, turn left, direct to MBE and hold. Contact MATSUMOTO RADIO.



Missed APCH climb gradient MNM 7.0%

CAT	THR elev. 2132		AD elev. 2157	
	RNP 0.20		RNP 0.30	
	DA(H)	CMV	DA(H)	CMV
A	-	-	-	-
B	-	-	-	-
C	2432(300)	1000	2448(316)	1000
D	-	-	-	-

MINIMA with Missed APCH climb gradient of 2.5% are not established.

RNP AR

Special Authorization Required

CHANGE : New PROC

INSTRUMENT APPROACH CHART

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RNAV(RNP) Z RWY18

RNAV(RNP) Z RWY18Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	RIPSI	-	-	-8.0	-	-	+12000	-250	-	-
002	TF	AF850	-	096 (087.7)	-8.0	12.3	-	+8600	-	-	1.0
003	TF	AF851	-	043 (035.2)	-8.0	6.0	-	-	-	-	0.3
004	TF	AF852	-	008 (359.9)	-8.0	16.6	-	+5800	-	-	0.3
005	RF Center: AFRF5 r=3.15NM	AF853	-	-	-8.0	7.4	L	4700	-	-	0.3
006	RF Center: AFRF5 r=3.15NM	AF854	-	-	-8.0	4.4	L	3306	-	-3.00	0.2 0.3
007	TF	AF855	-	154 (146.1)	-8.0	1.0	-	2987	-	-3.00	0.2 0.3
008	RF Center: AFRF6 r=2.06NM	AF856	-	-	-8.0	0.9	R	2700	-	-3.00	0.2 0.3
009	TF	RW18	Y	179 (171.1)	-8.0	1.6	-	2182	-	-3.00/50	0.2 0.3
010	DF	AF859	Y	-	-8.0	-	-	-	-	-	1.0
011	DF	MBE	-	-	-8.0	-	L	10000	-	-	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
RIPSI	355340.33N / 1374133.41E	AFRF5	361534.43N / 1375704.35E
AF850	355408.74N / 1375645.79E	AFRF6	361149.74N / 1375225.49E
AF851	355901.18N / 1380100.60E		
AF852	361534.92N / 1380057.71E		
AF853	361749.79N / 1375421.45E		
AF854	361348.83N / 1375350.85E		
AF855	361259.03N / 1375432.28E		
AF856	361209.11N / 1375456.52E		
RW18	361032.37N / 1375515.37E		
AF859	360155.80N / 1375655.84E		
MBE	360921.51N / 1375511.34E		

CHANGE : Correction of misdescription (AFRF6 Coordinates).