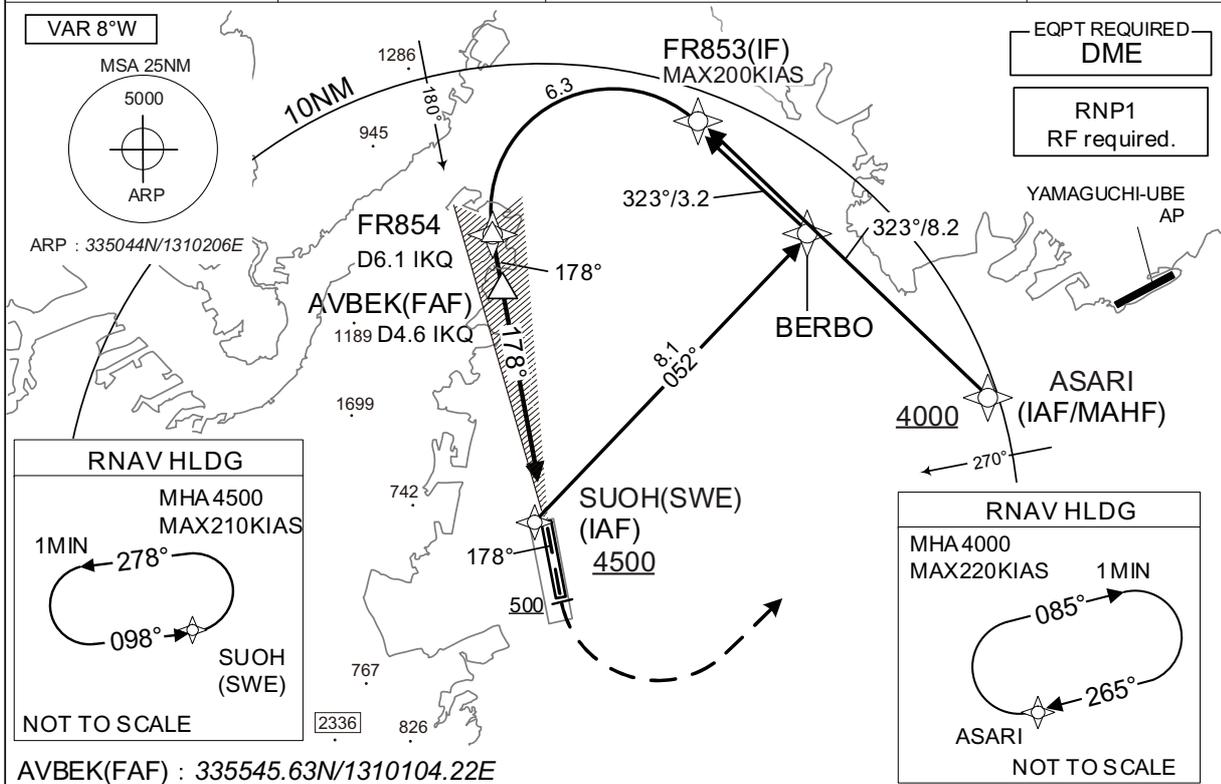


INSTRUMENT APPROACH CHART

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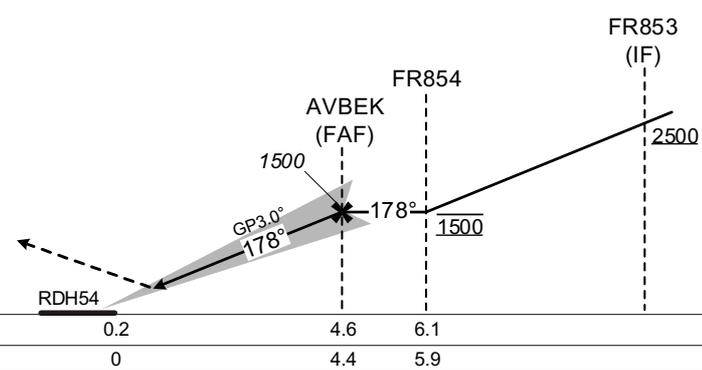
ILS Y RWY18

TSUIKI APP 119.225 – 315.9	ILS – LOC 109.15 IKQ 331.25 ILS-GP 331.25 ILS-DME CH-28Y	KITAKYUSHU TOWER 118.85 - 126.2	1315 – 2245(UTC) KITAKYUSHU RADIO 118.85 AFIS provided by Fukuoka Airport Office	RADAR AVBL CALL TSUIKI APP
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MISSED APPROACH

Climb on course 178°, at or above 500FT turn left, direct to ASARI and hold at 4000FT. Contact TSUIKI APP.



Missed APCH climb gradient MNM 5.0%

MINIMA	THR elev. 22	AD elev. 21		
CAT	CAT I		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	VIS
A	222(200)	550	500(479)	1600
B				2400
C				3200
D			580(559)	3200

Circling to EAST side of RWY only. MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : RNAV HLDG at ASARI.

INSTRUMENT APPROACH CHART

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ILS Y RWY18

Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	ASARI	-	-	-8.0	-	-	+4000	-	-	RNP1
002	TF	FR853	-	323 (314.8)	-8.0	8.2	-	+2500	-200	-	RNP1
001	IF	SWE	-	-	-8.0	-	-	+4500	-	-	RNP1
002	TF	BERBO	-	052 (044.5)	-8.0	8.1	-	-	-	-	RNP1
003	TF	FR853	-	323 (314.8)	-8.0	3.2	-	+2500	-200	-	RNP1
001	IF	FR853	-	-	-8.0	-	-	+2500	-200	-	RNP1
002	RF Center: FRRF3 r=2.50NM	FR854	-	-	-8.0	6.3	L	1500	-	-	RNP1
001	CA	-	-	178 (170.4)	-8.0	-	-	+500	-	-	RNP1
002	DF	ASARI	-	-	-8.0	-	L	4000	-	-	RNP1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	ASARI	265 (256.4)	-8.1	1.0 (-14000)	R	4000	FL140	-220 (-14000)	RNP1
Hold	SWE	098 (090.0)	-8.0	1.0 (-14000)	L	4500	FL140	-210 (-14000)	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
ASARI	335338.98N / 1311252.32E	FRRF3	335739.78N / 1310343.74E
BERBO	335710.25N / 1310836.17E		
FR853	335926.70N / 1310550.48E		
FR854	335714.50N / 1310045.99E		
SUOH(SWE)	335123.82N / 1310145.84E		

CHANGE : PROC course at ASARI. VAR. Speed at ASARI.