

STANDARD ARRIVAL CHART-INSTRUMENT

RJFF / FUKUOKA

RNAV STAR RWY34

HAWKS EAST RNAV ARRIVAL

From KIRIN at or above 12,000ft, to ITODA between 10,000ft and 8,000ft, to KAHOC at or above 7,000ft, turn left to DAZAI at or above 5,000ft, turn right to HAWKS at or above 4,000ft.

FIX	DESIGNATION	COORDINATES
	KIRIN	340717.9N 1304919.3E
	ITODA	334242.2N 1304333.1E
	KAHOC	332847.4N 1304018.8E
	DAZAI	332200.9N 1304208.1E
	HAWKS	331948.0N 1303730.0E
Critical DME	TAE	KIRIN - 17NM to ITODA
	IKE	14NM to ITODA - 13NM to ITODA
	TTE	14NM to ITODA - 13NM to ITODA 11NM to ITODA - 10NM to ITODA 6NM to ITODA - 8NM to KAHOC 6NM to KAHOC - HAWKS
	DGC	KAHOC - HAWKS
DME GAP	-	
Inappropriate Nav aids	See General Rule 3. Inappropriate NAVAIDS for RNAV1	

HAWKS WEST RNAV ARRIVAL

From GENKO at or above 7,000ft, to YOBKO at or above 7,000ft, turn right to SOFTO, turn right to BANKU at or above 5,000ft, turn left to HAWKS at or above 4,000ft.

FIX	DESIGNATION	COORDINATES
	GENKO	333011.9N 1295024.8E
	YOBKO	333536.8N 1294900.6E
	SOFTO	333728.3N 1295918.1E
	BANKU	331739.9N 1303302.5E
	HAWKS	331948.0N 1303730.0E
Critical DME	IKE	YOBKO - 26NM to BANKU
	KUE	13NM to BANKU - 11NM to BANKU
	DGC	6NM to BANKU - 1NM to BANKU
	SGE	1NM to BANKU - HAWKS
DME GAP	-	
Inappropriate Nav aids	See AD1.1 6.10.3 Inappropriate NAVAIDS for RNAV1	

HAWKS EAST RNAV ARRIVAL

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (kt)	Vertical Angle	Navigation Performance
IF	KIRIN	-	-	-	-	+12000	-	-	RNAV1
TF	ITODA	-	25.0	198° (191.0°)	-	10000 8000	-	-	RNAV1
TF	KAHOC	-	14.2	198° (191.0°)	-	+7000	-	-	RNAV1
TF	DAZAI	-	6.9	174° (167.3°)	-	+5000	-	-	RNAV1
TF	HAWKS	-	4.5	247° (240.3°)	-	+4000	-	-	RNAV1

HAWKS WEST RNAV ARRIVAL

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (kt)	Vertical Angle	Navigation Performance
IF	GENKO	-	-	-	-	+7000	-	-	RNAV1
TF	YOBKO	-	5.5	354° (347.8°)	-	+7000	-	-	RNAV1
TF	SOFTO	-	8.8	084° (077.7°)	-	-	-	-	RNAV1
TF	BANKU	-	34.5	132° (125.0°)	-	+5000	-	-	RNAV1
TF	HAWKS	-	4.3	067° (060.2°)	-	+4000	-	-	RNAV1