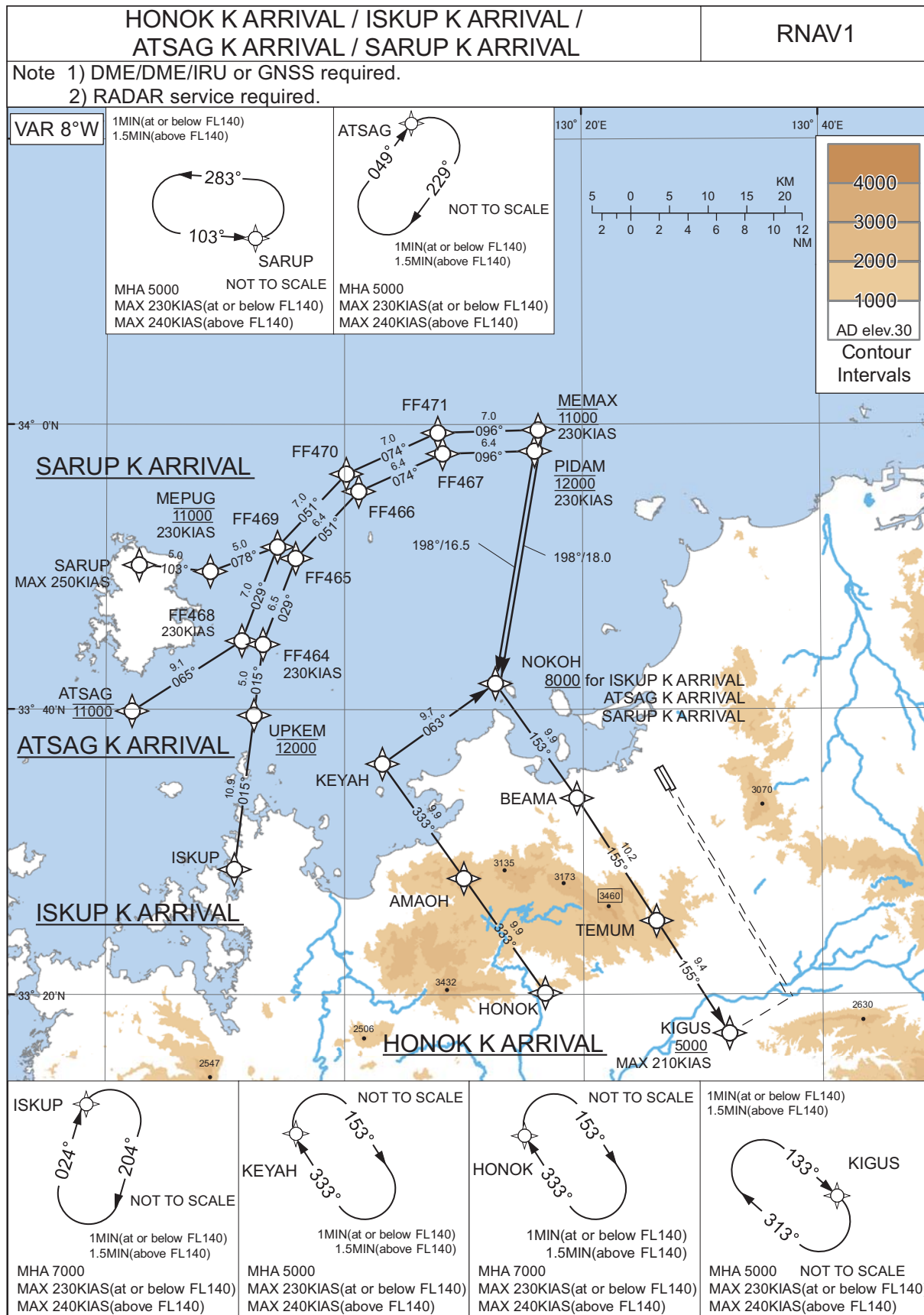


STANDARD ARRIVAL CHART-INSTRUMENT

RJFF / FUKUOKA

RNAV STAR RWY34R/34L



STANDARD ARRIVAL CHART-INSTRUMENT

RJFF / FUKUOKA

RNAV STAR RWY34R/34L

HONOK K ARRIVAL
From HONOK, to AMAOH, to KEYAH, to NOKOH, to BEAMA, to TEMUM, to KIGUS
at or above 5000FT.

Critical DME	-
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

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	HONOK	-	-	-8.0	-	-	-	-	-	RNAV1
002	TF	AMAOH	-	333 (324.8)	-8.0	9.9	-	-	-	-	RNAV1
003	TF	KEYAH	-	333 (324.8)	-8.0	9.9	-	-	-	-	RNAV1
004	TF	NOKOH	-	063 (054.5)	-8.0	9.7	-	-	-	-	RNAV1
005	TF	BEAMA	-	153 (144.8)	-8.0	9.9	-	-	-	-	RNAV1
006	TF	TEMUM	-	155 (147.2)	-8.0	10.2	-	-	-	-	RNAV1
007	TF	KIGUS	-	155 (147.3)	-8.0	9.4	-	+5000	-210	-	RNAV1

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	HONOK	333 (324.9)	-8.0	1.0 (-14000) 1.5 (+14001)	R	7000	-	-230 (-14000) -240 (+14001)	RNAV1
Hold	KEYAH	333 (324.8)	-8.0	1.0 (-14000) 1.5 (+14001)	R	5000	-	-230 (-14000) -240 (+14001)	RNAV1
Hold	KIGUS	133 (125.2)	-8.0	1.0 (-14000) 1.5 (+14001)	R	5000	-	-230 (-14000) -240 (+14001)	RNAV1

CHANGE : New PROC.

STANDARD ARRIVAL CHART-INSTRUMENT

RJFF / FUKUOKA

RNAV STAR RWY34R/34L

ISKUP K ARRIVAL

From ISKUP, to UPKEM at 12000FT, to FF464, to FF465, to FF466, to FF467, to PIDAM at 12000FT, to NOKOH at or above 8000FT, to BEAMA, to TEMUM, to KIGUS at or above 5000FT.

Critical DME	-
DME GAP	-
Inappropriate Nav aids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

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	ISKUP	-	-	-8.0	-	-	-	-	-	RNAV1
002	TF	UPKEM	-	015 (007.1)	-8.0	10.9	-	12000	-	-	RNAV1
003	TF	FF464	-	015 (007.2)	-8.0	5.0	-	-	230	-	RNAV1
004	TF	FF465	-	029 (020.7)	-8.0	6.5	-	-	-	-	RNAV1
005	TF	FF466	-	051 (043.1)	-8.0	6.4	-	-	-	-	RNAV1
006	TF	FF467	-	074 (065.7)	-8.0	6.4	-	-	-	-	RNAV1
007	TF	PIDAM	-	096 (088.4)	-8.0	6.4	-	12000	230	-	RNAV1
008	TF	NOKOH	-	198 (189.7)	-8.0	16.5	-	+8000	-	-	RNAV1
009	TF	BEAMA	-	153 (144.8)	-8.0	9.9	-	-	-	-	RNAV1
010	TF	TEMUM	-	155 (147.2)	-8.0	10.2	-	-	-	-	RNAV1
011	TF	KIGUS	-	155 (147.3)	-8.0	9.4	-	+5000	-210	-	RNAV1

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	ISKUP	024 (016.5)	-8.0	1.0 (-14000) 1.5 (+14001)	R	7000	-	-230 (-14000) -240 (+14001)	RNAV1
Hold	KIGUS	133 (125.2)	-8.0	1.0 (-14000) 1.5 (+14001)	R	5000	-	-230 (-14000) -240 (+14001)	RNAV1

CHANGE : New PROC.

STANDARD ARRIVAL CHART-INSTRUMENT

RJFF / FUKUOKA

RNAV STAR RWY34R/34L

ATSAG K ARRIVAL

From ATSAG at 11000FT, to FF468, to FF469, to FF470, to FF471, to MEMAX at 11000FT, to NOKOH at or above 8000FT, to BEAMA, to TEMUM, to KIGUS at or above 5000FT.

Critical DME	-
DME GAP	-
Inappropriate Nav aids	See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1

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	ATSAG	-	-	-8.0	-	-	11000	-	-	RNAV1
002	TF	FF468	-	065 (057.2)	-8.0	9.1	-	-	230	-	RNAV1
003	TF	FF469	-	029 (020.6)	-8.0	7.0	-	-	-	-	RNAV1
004	TF	FF470	-	051 (043.1)	-8.0	7.0	-	-	-	-	RNAV1
005	TF	FF471	-	074 (065.7)	-8.0	7.0	-	-	-	-	RNAV1
006	TF	MEMAX	-	096 (088.4)	-8.0	7.0	-	11000	230	-	RNAV1
007	TF	NOKOH	-	198 (189.7)	-8.0	18.0	-	+8000	-	-	RNAV1
008	TF	BEAMA	-	153 (144.8)	-8.0	9.9	-	-	-	-	RNAV1
009	TF	TEMUM	-	155 (147.2)	-8.0	10.2	-	-	-	-	RNAV1
010	TF	KIGUS	-	155 (147.3)	-8.0	9.4	-	+5000	-210	-	RNAV1

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	ATSAG	049 (040.9)	-8.0	1.0 (-14000) 1.5 (+14001)	R	5000	-	-230 (-14000) -240 (+14001)	RNAV1
Hold	KIGUS	133 (125.2)	-8.0	1.0 (-14000) 1.5 (+14001)	R	5000	-	-230 (-14000) -240 (+14001)	RNAV1

CHANGE : New PROC.

STANDARD ARRIVAL CHART-INSTRUMENT

RJFF / FUKUOKA

RNAV STAR RWY34R/34L

SARUP K ARRIVAL

From SARUP, to MEPUG at 11000FT, to FF469, to FF470, to FF471, MEMAX at 11000FT, to NOKOH at or above 8000FT, to BEAMA, to TEMUM, to KIGUS at or above 5000FT.

Critical DME	-
DME GAP	-
Inappropriate Nav aids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

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	SARUP	-	-	-8.0	-	-	-	-250	-	RNAV1
002	TF	MEPUG	-	103 (095.1)	-8.0	5.0	-	11000	230	-	RNAV1
003	TF	FF469	-	078 (069.9)	-8.0	5.0	-	-	-	-	RNAV1
004	TF	FF470	-	051 (043.1)	-8.0	7.0	-	-	-	-	RNAV1
005	TF	FF471	-	074 (065.7)	-8.0	7.0	-	-	-	-	RNAV1
006	TF	MEMAX	-	096 (088.4)	-8.0	7.0	-	11000	230	-	RNAV1
007	TF	NOKOH	-	198 (189.7)	-8.0	18.0	-	+8000	-	-	RNAV1
008	TF	BEAMA	-	153 (144.8)	-8.0	9.9	-	-	-	-	RNAV1
009	TF	TEMUM	-	155 (147.2)	-8.0	10.2	-	-	-	-	RNAV1
010	TF	KIGUS	-	155 (147.3)	-8.0	9.4	-	+5000	-210	-	RNAV1

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	SARUP	103 (094.9)	-8.0	1.0 (-14000) 1.5 (+14001)	L	5000	-	-230 (-14000) -240 (+14001)	RNAV1
Hold	KIGUS	133 (125.2)	-8.0	1.0 (-14000) 1.5 (+14001)	R	5000	-	-230 (-14000) -240 (+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
HONOK	332006.3N / 1301647.8E	FF468	334449.4N / 1295123.0E
AMAOH	332809.0N / 1300959.9E	SARUP	335008.4N / 1294244.7E
KEYAH	333611.4N / 1300310.7E	MEPUG	334941.5N / 1294843.5E
ISKUP	332847.3N / 1295046.6E	FF469	335124.4N / 1295422.1E
UPKEM	333936.3N / 1295224.4E	FF470	335631.8N / 1300009.2E
FF464	334434.6N / 1295309.4E	FF471	335924.6N / 1300751.6E
FF465	335036.6N / 1295553.7E	MEMAX	335936.3N / 1301618.4E
FF466	335518.3N / 1300112.0E	NOKOH	334149.5N / 1301240.1E
FF467	335756.7N / 1300815.7E	BEAMA	333346.7N / 1301928.8E
PIDAM	335807.4N / 1301600.1E	TEMUM	332509.9N / 1302607.4E
ATSAG	333953.2N / 1294210.5E	KIGUS	331715.7N / 1303211.9E

CHANGE : New PROC.