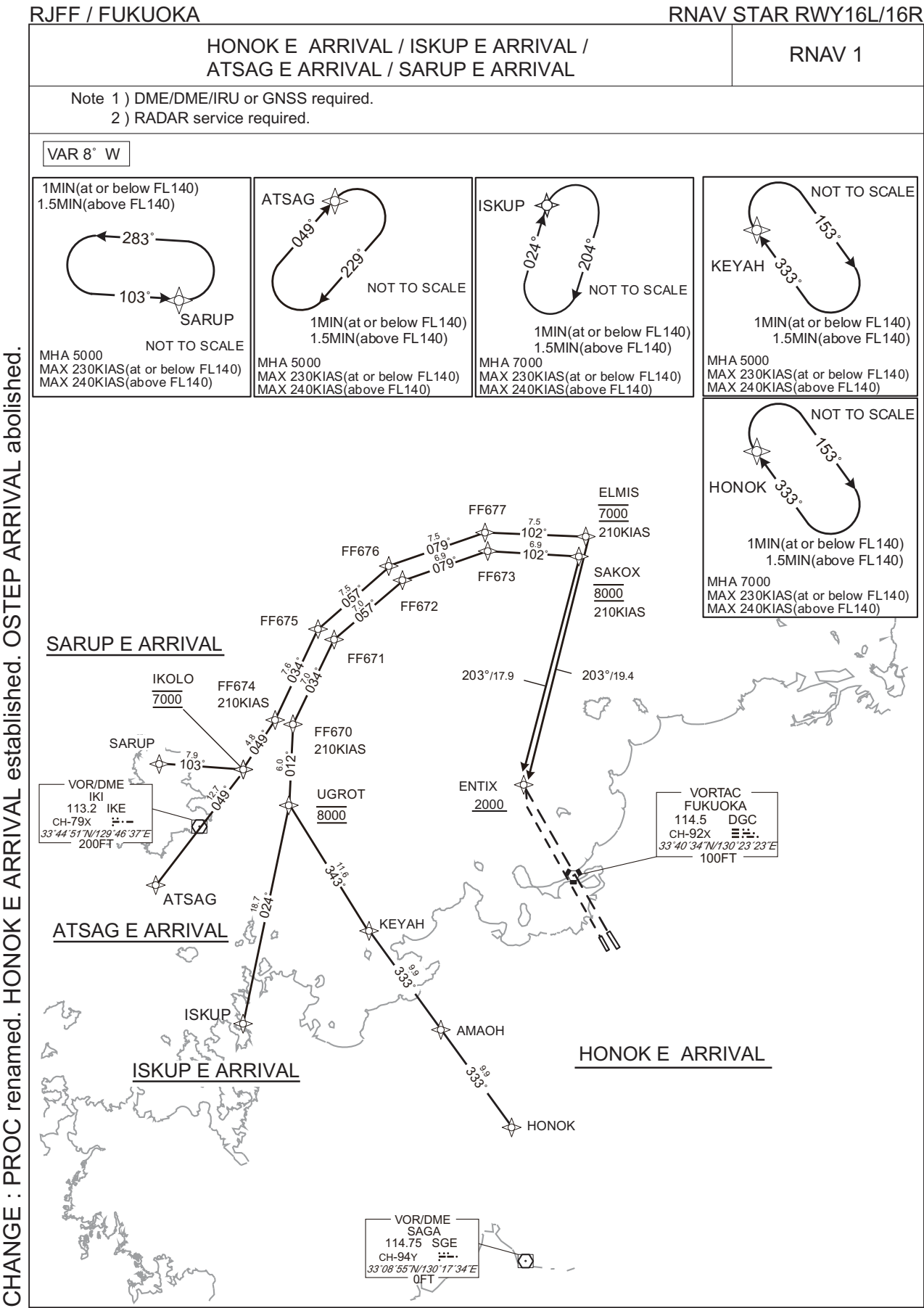


STANDARD ARRIVAL CHART-INSTRUMENT



STANDARD ARRIVAL CHART-INSTRUMENT

RJFF / FUKUOKA

RNAV STAR RWY16L/16R

HONOK E ARRIVAL

From HONOK, to AMAOH, to KEYAH, to UGROT at 8000FT, to FF670,
to FF671, to FF672, to FF673, to SAKOX at 8000FT, to ENTIX at or above 2000FT.

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	I F	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	UGROT	-	343 (334.6)	-8.0	11.6	-	8000	-	-	RNAV1
005	TF	FF670	-	012 (003.8)	-8.0	6.0	-	-	210	-	RNAV1
006	TF	FF671	-	034 (026.3)	-8.0	7.0	-	-	-	-	RNAV1
007	TF	FF672	-	057 (048.8)	-8.0	7.0	-	-	-	-	RNAV1
008	TF	FF673	-	079 (071.4)	-8.0	6.9	-	-	-	-	RNAV1
009	TF	SAKOX	-	102 (094.0)	-8.0	6.9	-	8000	210	-	RNAV1
010	TF	ENTIX	-	203 (195.3)	-8.0	17.9	-	+2000	-	-	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

CHANGE : HONOK E ARRIVAL established. PROC course.

STANDARD ARRIVAL CHART-INSTRUMENT

RJFF / FUKUOKA

RNAV STAR RWY16L/16R

ISKUP E ARRIVAL
From ISKUP, to UGROT, at 8000FT, to FF670, to FF671, to FF672, to FF673,
to SAKOX, at 8000FT, to ENTIX at or above 2000FT.

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	ISKUP	-	-	-8.0	-	-	-	-	-	RNAV1
002	TF	UGROT	-	024 (016.5)	-8.0	18.7	-	8000	-	-	RNAV1
003	TF	FF670	-	012 (003.8)	-8.0	6.0	-	-	210	-	RNAV1
004	TF	FF671	-	034 (026.3)	-8.0	7.0	-	-	-	-	RNAV1
005	TF	FF672	-	057 (048.8)	-8.0	7.0	-	-	-	-	RNAV1
006	TF	FF673	-	079 (071.4)	-8.0	6.9	-	-	-	-	RNAV1
007	TF	SAKOX	-	102 (094.0)	-8.0	6.9	-	8000	210	-	RNAV1
008	TF	ENTIX	-	203 (195.3)	-8.0	17.9	-	+2000	-	-	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

CHANGE : PROC renamed.

STANDARD ARRIVAL CHART-INSTRUMENT

RJFF / FUKUOKA

RNAV STAR RWY16L/16R

ATSAG E ARRIVAL
From ATSAG, to IKOLO, at 7000FT, to FF674, to FF675, to FF676, to FF677, to ELMIS at 7000FT, to ENTIX at or above 2000FT.

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	ATSAG	-	-	-8.0	-	-	-	-	-	RNAV1
002	TF	IKOLO	-	049 (040.9)	-8.0	12.7	-	7000	-	-	RNAV1
003	TF	FF674	-	049 (041.0)	-8.0	4.8	-	-	210	-	RNAV1
004	TF	FF675	-	034 (026.2)	-8.0	7.6	-	-	-	-	RNAV1
005	TF	FF676	-	057 (048.7)	-8.0	7.5	-	-	-	-	RNAV1
006	TF	FF677	-	079 (071.4)	-8.0	7.5	-	-	-	-	RNAV1
007	TF	ELMIS	-	102 (094.0)	-8.0	7.5	-	7000	210	-	RNAV1
008	TF	ENTIX	-	203 (195.3)	-8.0	19.4	-	+2000	-	-	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

CHANGE : PROC renamed.

STANDARD ARRIVAL CHART-INSTRUMENT

RJFF / FUKUOKA

RNAV STAR RWY16L/16R

SARUP E ARRIVAL

From SARUP, to IKOLO at 7000FT, to FF674, to FF675, to FF676, to FF677, to ELMIS at 7000FT, to ENTIX at or above 2000FT.

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	SARUP	-	-	-8.0	-	-	-	-	-	RNAV1
002	TF	IKOLO	-	103 (095.0)	-8.0	7.9	-	7000	-	-	RNAV1
003	TF	FF674	-	049 (041.0)	-8.0	4.8	-	-	210	-	RNAV1
004	TF	FF675	-	034 (026.2)	-8.0	7.6	-	-	-	-	RNAV1
005	TF	FF676	-	057 (048.7)	-8.0	7.5	-	-	-	-	RNAV1
006	TF	FF677	-	079 (071.4)	-8.0	7.5	-	-	-	-	RNAV1
007	TF	ELMIS	-	102 (094.0)	-8.0	7.5	-	7000	210	-	RNAV1
008	TF	ENTIX	-	203 (195.3)	-8.0	19.4	-	+2000	-	-	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

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
HONOK	332006.3N / 1301647.8E	SAKOX	340511.2N / 1302358.8E
AMAOH	332809.0N / 1300959.9E	ATSAG	333953.2N / 1294210.5E
KEYAH	333611.4N / 1300310.7E	SARUP	335008.4N / 1294244.7E
ISKUP	332847.3N / 1295046.6E	IKOLO	334926.8N / 1295209.4E
UGROT	334642.0N / 1295710.6E	FF674	335302.0N / 1295555.0E
FF670	335238.5N / 1295739.4E	FF675	335948.3N / 1295956.5E
FF671	335853.2N / 1300122.2E	FF676	340446.3N / 1300647.0E
FF672	340328.1N / 1300740.9E	FF677	340710.3N / 1301523.8E
FF673	340540.8N / 1301537.4E	ELMIS	340638.1N / 1302427.5E
		ENTIX	334757.5N / 1301818.9E

CHANGE : PROC renamed.