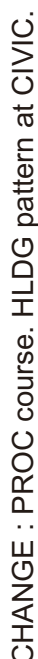


## RJTT / TOKYO INTL

## RNAV STAR RWY34R/34L



STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY34R/34L

AROSA 1A ARRIVAL

From AROSA, to AVEEY at 11000FT, to TT457, to TT458, to TT459, to WALTZ at 11000FT, to WEDGE at 8000FT, to ARLON.

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	AROSA	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	AVEEY	—	278 (269.8)	-7.9	16.4	—	11000	230	—	RNAV1
003	TF	TT457	—	325 (317.5)	-7.9	7.2	—	—	—	—	RNAV1
004	TF	TT458	—	286 (278.5)	-7.9	7.4	—	—	—	—	RNAV1
005	TF	TT459	—	270 (262.3)	-7.9	8.2	—	—	—	—	RNAV1
006	TF	WALTZ	—	295 (287.0)	-7.9	10.4	—	11000	230	—	RNAV1
007	TF	WEDGE	—	039 (030.6)	-7.9	21.8	—	8000	—	—	RNAV1
008	TF	ARLON	—	009 (001.6)	-7.9	6.4	—	—	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	AVEEY	314 (306.1)	-7.9	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	WEDGE	300 (292.4)	-7.9	1.0(-14000) 1.5(+14001)	—	L	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ARLON	009 (001.6)	-7.9	1.0(-14000) 1.5(+14001)	—	L	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : PROC course. VAR.

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY34R/34L

AROSA 1K ARRIVAL

From AROSA, to AVEEY at 11000FT, to TT457, to TT458, to TT459, to WALTZ at 11000FT, to WEDGE at 8000FT, to UMUKI at or above 6000FT, to KAIHO.

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	AROSA	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	AVEEY	—	278 (269.8)	-7.9	16.4	—	11000	230	—	RNAV1
003	TF	TT457	—	325 (317.5)	-7.9	7.2	—	—	—	—	RNAV1
004	TF	TT458	—	286 (278.5)	-7.9	7.4	—	—	—	—	RNAV1
005	TF	TT459	—	270 (262.3)	-7.9	8.2	—	—	—	—	RNAV1
006	TF	WALTZ	—	295 (287.0)	-7.9	10.4	—	11000	230	—	RNAV1
007	TF	WEDGE	—	039 (030.6)	-7.9	21.8	—	8000	—	—	RNAV1
008	TF	UMUKI	—	300 (292.2)	-7.9	8.8	—	+6000	—	—	RNAV1
009	TF	KAIHO	—	353 (345.5)	-7.9	6.9	—	—	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	AVEEY	314 (306.1)	-7.9	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	WEDGE	300 (292.4)	-7.9	1.0(-14000) 1.5(+14001)	—	L	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	KAIHO	353 (345.5)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : PROC course. VAR.

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY34R/34L

AROSA 2C ARRIVAL

From AROSA, to AVEEY at 11000FT, to TT460, to TT461, to CIVIC at 7000FT, to TT462, to TT463, to TT464, to EPSON at 7000FT, to CREAM.

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	AROSA	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	AVEEY	-	278 (269.8)	-7.9	16.4	-	11000	230	-	RNAV1
003	TF	TT460	-	352 (344.5)	-7.9	7.2	-	-	-	-	RNAV1
004	TF	TT461	-	044 (036.1)	-7.9	14.4	-	-	-	-	RNAV1
005	TF	CIVIC	-	346 (337.7)	-7.9	8.8	-	7000	210	-	RNAV1
006	TF	TT462	-	346 (337.7)	-7.9	6.4	-	-	-	-	RNAV1
007	TF	TT463	-	006 (358.0)	-7.9	6.9	-	-	-	-	RNAV1
008	TF	TT464	-	341 (333.5)	-7.9	5.4	-	-	-	-	RNAV1
009	TF	EPSON	-	317 (309.0)	-7.9	6.9	-	7000	210	-	RNAV1
010	TF	CREAM	-	211 (203.6)	-7.9	14.1	-	-	-	-	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	AVEEY	314 (306.1)	-7.9	1.0(-14000) 1.5(+14001)	-	R	5000	-	-230(-14000) -240(+14001)	RNAV1
Hold	CIVIC	346 (337.7)	-7.9	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	CREAM	291 (283.1)	-7.9	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
ARLON	351525.3N / 1395859.8E	TT459	344712.8N / 1395716.3E
AROSA	344201.7N / 1404157.3E	TT460	344852.6N / 1401936.8E
AVEEY	344155.9N / 1402158.0E	TT461	350030.2N / 1402957.9E
CIVIC	350840.6N / 1402552.1E	TT462	351433.3N / 1402254.8E
CREAM	351743.4N / 1400612.4E	TT463	352125.4N / 1402237.1E
EPSON	353036.2N / 1401305.9E	TT464	352617.6N / 1401938.6E
KAIHO	351857.8N / 1394642.4E	UMUKI	351219.1N / 1394849.2E
TT457	344714.3N / 1401602.7E	WALTZ	345014.4N / 1394510.7E
TT458	344819.1N / 1400710.5E	WEDGE	350900.4N / 1395846.5E

CHANGE : PROC course. VAR. HLDG pattern at CIVIC.