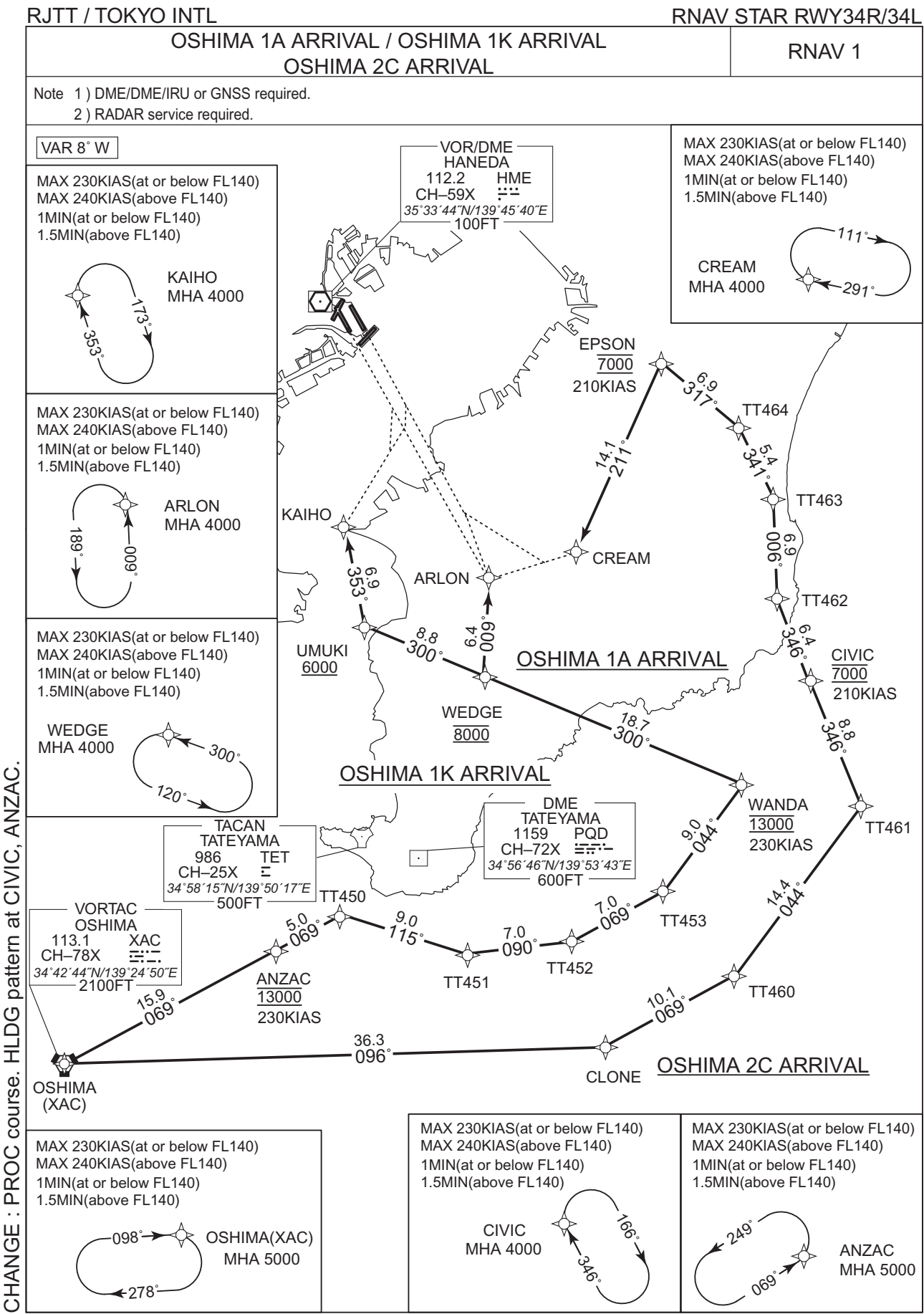


STANDARD ARRIVAL CHART-INSTRUMENT



STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL RNAV STAR RWY34R/34L

OSHIMA 1A ARRIVAL

From XAC, to ANZAC at 13000FT, to TT450, to TT451, to TT452, to TT453, to WANDA at 13000FT, 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	XAC	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	ANZAC	-	069 (060.8)	-7.9	15.9	-	13000	230	-	RNAV1
003	TF	TT450	-	069 (061.0)	-7.9	5.0	-	-	-	-	RNAV1
004	TF	TT451	-	115 (106.9)	-7.9	9.0	-	-	-	-	RNAV1
005	TF	TT452	-	090 (082.2)	-7.9	7.0	-	-	-	-	RNAV1
006	TF	TT453	-	069 (060.7)	-7.9	7.0	-	-	-	-	RNAV1
007	TF	WANDA	-	044 (036.0)	-7.9	9.0	-	13000	230	-	RNAV1
008	TF	WEDGE	-	300 (292.4)	-7.9	18.7	-	8000	-	-	RNAV1
009	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	XAC	098 (090.3)	-7.9	1.0(-14000) 1.5(+14001)	-	R	5000	-	-230(-14000) -240(+14001)	RNAV1
Hold	ANZAC	069 (060.8)	-7.9	1.0(-14000) 1.5(+14001)	-	L	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. HLDG pattern at ANZAC.

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTLRNAV STAR RWY34R/34L

OSHIMA 1K ARRIVAL

From XAC, to ANZAC at 13000FT, to TT450, to TT451, to TT452, to TT453, to WANDA at 13000FT, 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	XAC	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	ANZAC	—	069 (060.8)	-7.9	15.9	—	13000	230	—	RNAV1
003	TF	TT450	—	069 (061.0)	-7.9	5.0	—	—	—	—	RNAV1
004	TF	TT451	—	115 (106.9)	-7.9	9.0	—	—	—	—	RNAV1
005	TF	TT452	—	090 (082.2)	-7.9	7.0	—	—	—	—	RNAV1
006	TF	TT453	—	069 (060.7)	-7.9	7.0	—	—	—	—	RNAV1
007	TF	WANDA	—	044 (036.0)	-7.9	9.0	—	13000	230	—	RNAV1
008	TF	WEDGE	—	300 (292.4)	-7.9	18.7	—	8000	—	—	RNAV1
009	TF	UMUKI	—	300 (292.2)	-7.9	8.8	—	+6000	—	—	RNAV1
010	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	XAC	098 (090.3)	-7.9	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ANZAC	069 (060.8)	-7.9	1.0(-14000) 1.5(+14001)	—	L	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. HLDG pattern at ANZAC.

## STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY34R/34L

OSHIMA 2C ARRIVAL

From XAC, to CLONE, 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	XAC	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	CLONE	—	096 (087.8)	-7.9	36.3	—	—	—	—	RNAV1
003	TF	TT460	—	069 (060.7)	-7.9	10.1	—	—	—	—	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	XAC	098 (090.3)	-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
ANZAC	345028.8N / 1394146.7E	TT453	345438.5N / 1401325.9E
ARLON	351525.3N / 1395859.8E	TT460	344852.6N / 1401936.8E
CIVIC	350840.6N / 1402552.1E	TT461	350030.2N / 1402957.9E
CLONE	344357.8N / 1400856.0E	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
TT450	345254.0N / 1394706.0E	WANDA	350155.3N / 1401954.1E
TT451	345016.8N / 1395734.3E	WEDGE	350900.4N / 1395846.5E
TT452	345113.2N / 1400600.1E	XAC	344244.1N / 1392450.5E

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