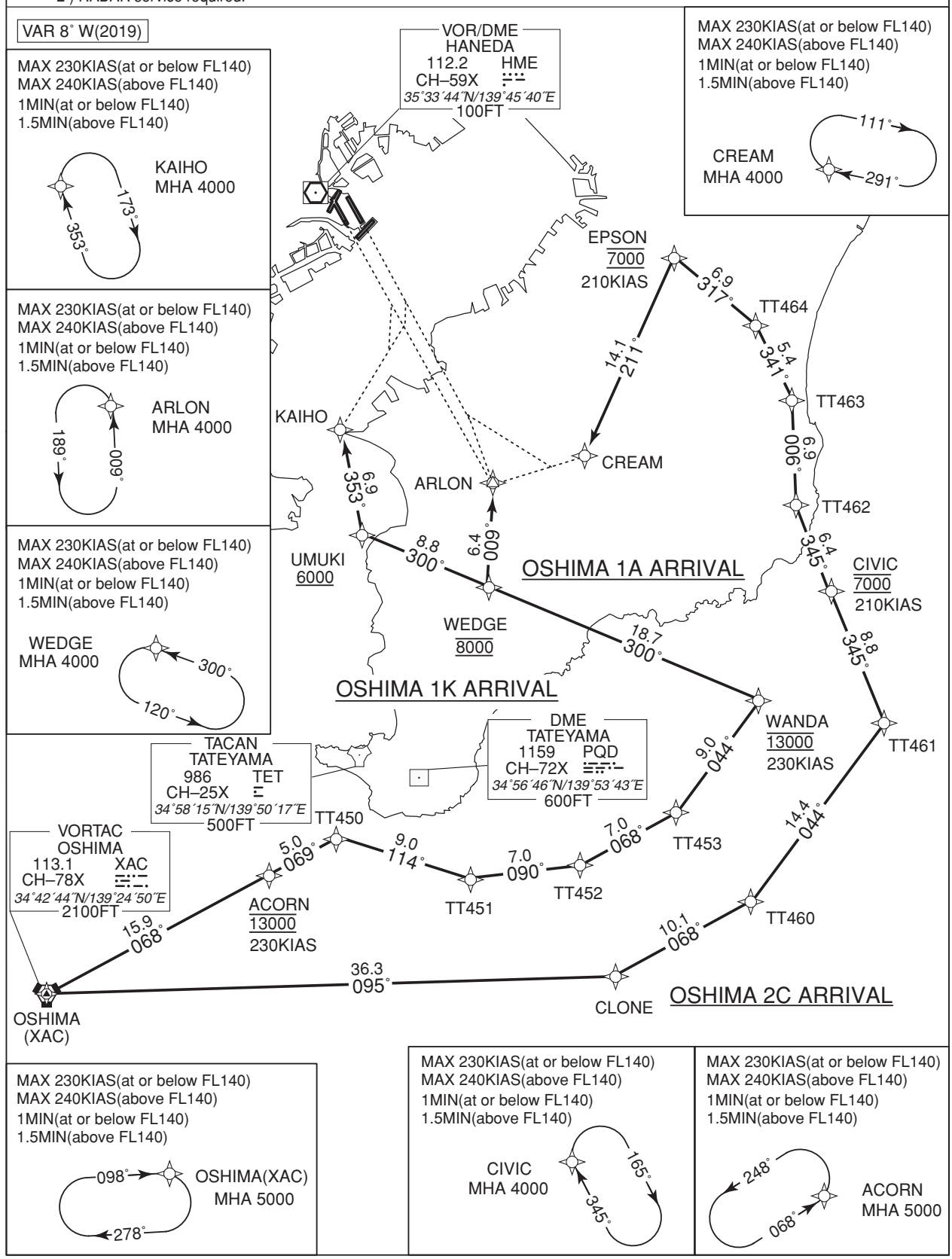
STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL — RNAV STAR RWY34R/34L

OSHIMA 1A ARRIVAL / OSHIMA 1K ARRIVAL
OSHIMA 2C ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.



STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL RNAV STAR RWY34R/34L

OSHIMA 1A ARRIVAL

From XAC, to ACORN 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	–	–	-7.5	–	–	–	–	–	RNAV1
002	TF	ACORN	–	068 (060.8)	-7.5	15.9	–	13000	230	–	RNAV1
003	TF	TT450	–	069 (061.0)	-7.5	5.0	–	–	–	–	RNAV1
004	TF	TT451	–	114 (106.9)	-7.5	9.0	–	–	–	–	RNAV1
005	TF	TT452	–	090 (082.2)	-7.5	7.0	–	–	–	–	RNAV1
006	TF	TT453	–	068 (060.7)	-7.5	7.0	–	–	–	–	RNAV1
007	TF	WANDA	–	044 (036.0)	-7.5	9.0	–	13000	230	–	RNAV1
008	TF	WEDGE	–	300 (292.4)	-7.5	18.7	–	8000	–	–	RNAV1
009	TF	ARLON	–	009 (001.6)	-7.5	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)	-7.5	1.0(-14000) 1.5(+14001)	–	R	5000	–	-230(-14000) -240(+14001)	RNAV1
Hold	ACORN	068 (060.8)	-7.5	1.0(-14000) 1.5(+14001)	–	L	5000	–	-230(-14000) -240(+14001)	RNAV1
Hold	WEDGE	300 (292.4)	-7.5	1.0(-14000) 1.5(+14001)	–	L	4000	–	-230(-14000) -240(+14001)	RNAV1
Hold	ARLON	009 (001.6)	-7.5	1.0(-14000) 1.5(+14001)	–	L	4000	–	-230(-14000) -240(+14001)	RNAV1

CHANGE : New PROC

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL RNAV STAR RWY34R/34L

OSHIMA 1K ARRIVAL

From XAC, to ACORN 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	–	–	-7.5	–	–	–	–	–	RNAV1
002	TF	ACORN	–	068 (060.8)	-7.5	15.9	–	13000	230	–	RNAV1
003	TF	TT450	–	069 (061.0)	-7.5	5.0	–	–	–	–	RNAV1
004	TF	TT451	–	114 (106.9)	-7.5	9.0	–	–	–	–	RNAV1
005	TF	TT452	–	090 (082.2)	-7.5	7.0	–	–	–	–	RNAV1
006	TF	TT453	–	068 (060.7)	-7.5	7.0	–	–	–	–	RNAV1
007	TF	WANDA	–	044 (036.0)	-7.5	9.0	–	13000	230	–	RNAV1
008	TF	WEDGE	–	300 (292.4)	-7.5	18.7	–	8000	–	–	RNAV1
009	TF	UMUKI	–	300 (292.2)	-7.5	8.8	–	+6000	–	–	RNAV1
010	TF	KAIHO	–	353 (345.5)	-7.5	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)	-7.5	1.0(-14000) 1.5(+14001)	–	R	5000	–	-230(-14000) -240(+14001)	RNAV1
Hold	ACORN	068 (060.8)	-7.5	1.0(-14000) 1.5(+14001)	–	L	5000	–	-230(-14000) -240(+14001)	RNAV1
Hold	WEDGE	300 (292.4)	-7.5	1.0(-14000) 1.5(+14001)	–	L	4000	–	-230(-14000) -240(+14001)	RNAV1
Hold	KAIHO	353 (345.5)	-7.5	1.0(-14000) 1.5(+14001)	–	R	4000	–	-230(-14000) -240(+14001)	RNAV1

CHANGE : New PROC

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	–	–	-7.5	–	–	–	–	–	RNAV1
002	TF	CLONE	–	095 (087.8)	-7.5	36.3	–	–	–	–	RNAV1
003	TF	TT460	–	068 (060.7)	-7.5	10.1	–	–	–	–	RNAV1
004	TF	TT461	–	044 (036.1)	-7.5	14.4	–	–	–	–	RNAV1
005	TF	CIVIC	–	345 (337.7)	-7.5	8.8	–	7000	210	–	RNAV1
006	TF	TT462	–	345 (337.7)	-7.5	6.4	–	–	–	–	RNAV1
007	TF	TT463	–	006 (358.0)	-7.5	6.9	–	–	–	–	RNAV1
008	TF	TT464	–	341 (333.5)	-7.5	5.4	–	–	–	–	RNAV1
009	TF	EPSON	–	317 (309.0)	-7.5	6.9	–	7000	210	–	RNAV1
010	TF	CREAM	–	211 (203.6)	-7.5	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)	-7.5	1.0(-14000) 1.5(+14001)	–	R	5000	–	-230(-14000) -240(+14001)	RNAV1
Hold	CIVIC	345 (337.7)	-7.5	1.0(-14000) 1.5(+14001)	–	R	4000	–	-230(-14000) -240(+14001)	RNAV1
Hold	CREAM	291 (283.1)	-7.5	1.0(-14000) 1.5(+14001)	–	R	4000	–	-230(-14000) -240(+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
ACORN	*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 : New PROC