

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR

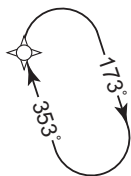
OSHIMA NIGHT ARRIVAL / AKSEL NIGHT ARRIVAL
AROSA NIGHT ARRIVAL / MESSE NIGHT ARRIVAL

RNAV 1

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

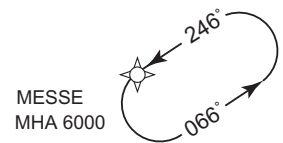
VAR 8° W(2019)

MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)
1MIN(at or below FL140)
1.5MIN(above FL140)



KAIHO
MHA 4000

MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)
1MIN(at or below FL140)
1.5MIN(above FL140)



MESSE
MHA 6000

DME
YOKOSUKA
1196 HYD
CH-109X
35°15'20"N/139°35'15"E
500FT

TACAN
TATEYAMA
986 TET
CH-25X
34°58'15"N/139°50'17"E
500FT

MESSE NIGHT ARRIVAL

MESSE

TACAN
ONJUKU
1191 OJT
CH-104X
35°11'03"N/140°22'17"E
400FT

DME
TATEYAMA
1159 PQD
CH-72X
34°56'46"N/139°53'43"E
600FT

OSHIMA NIGHT ARRIVAL

VORTAC
OSHIMA
113.1 XAC
CH-78X
34°42'44"N/139°24'50"E
2100FT

OSHIMA
(XAC)

AKSEL NIGHT
ARRIVAL

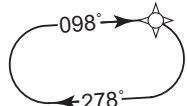
AKSEL

AROSA NIGHT ARRIVAL

AVEEY

AROSA

MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)
1MIN(at or below FL140)
1.5MIN(above FL140)

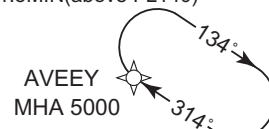


OSHIMA(XAC)
MHA 5000

MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)
1MIN(at or below FL140)
1.5MIN(above FL140)

AKSEL
MHA 5000

MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)
1MIN(at or below FL140)
1.5MIN(above FL140)



AVEEY
MHA 5000

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RNAV STAR

OSHIMA NIGHT ARRIVAL

From XAC, to UTIBO, to UMUKI at or above 6000FT, to KAIHO.

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	XAC	—	—	-7.5	—	—	—	—	—	RNAV1
002	TF	UTIBO	—	067 (059.2)	-7.5	27.6	—	—	—	—	RNAV1
003	TF	UMUKI	—	353 (345.5)	-7.5	16.1	—	+6000	—	—	RNAV1
004	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	KAIHO	353 (345.5)	-7.5	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR

AKSEL NIGHT ARRIVAL

From AKSEL, to UTIBO, to UMUKI at or above 6000FT, to KAIHO.

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	AKSEL	—	—	-7.5	—	—	—	—	—	RNAV1
002	TF	UTIBO	—	014 (006.6)	-7.5	16.2	—	—	—	—	RNAV1
003	TF	UMUKI	—	353 (345.5)	-7.5	16.1	—	+6000	—	—	RNAV1
004	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	AKSEL	039 (031.2)	-7.5	1.0(-14000) 1.5(+14001)	—	R	5000	—	-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

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR

AROSA NIGHT ARRIVAL

From AROSA, to AVEEY, to UTIBO, to UMUKI at or above 6000FT, to KAIHO.

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	AROSA	—	—	-7.5	—	—	—	—	—	RNAV1
002	TF	AVEEY	—	277 (269.8)	-7.5	16.4	—	—	—	—	RNAV1
003	TF	UTIBO	—	310 (302.8)	-7.5	27.5	—	—	—	—	RNAV1
004	TF	UMUKI	—	353 (345.5)	-7.5	16.1	—	+6000	—	—	RNAV1
005	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	AVEEY	314 (306.1)	-7.5	1.0(-14000) 1.5(+14001)	—	R	5000	—	-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

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR

MESSE NIGHT ARRIVAL

From MESSE, to UTIBO, to UMUKI at or above 6000FT, to KAIHO.

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	MESSE	—	—	-7.5	—	—	—	—	—	RNAV1
002	TF	UTIBO	—	246 (238.8)	-7.5	27.4	—	—	—	—	RNAV1
003	TF	UMUKI	—	353 (345.5)	-7.5	16.1	—	+6000	—	—	RNAV1
004	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	MESSE	246 (238.8)	-7.5	1.0(-14000) 1.5(+14001)	—	L	6000	—	-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

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AKSEL	344039.5N / 1395126.9E	MESSE	351100.8N / 1402214.7E
AROSA	344201.7N / 1404157.3E	UMUKI	351219.1N / 1394849.2E
AVEEY	344155.9N / 1402158.0E	UTIBO	345647.0N / 1395343.9E
KAIHO	351857.8N / 1394642.4E	XAC	344244.1N / 1392450.5E