

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY22/23

AKSEL 1B ARRIVAL
AKSEL 2B ARRIVAL

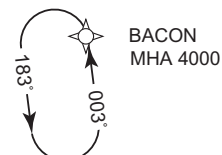
RNAV 1

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

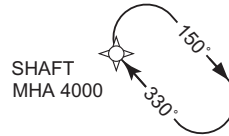
VAR 8° W

VOR/DME
HANEDA
112.2 HME
CH-59X
35°33'44"N/139°45'40"E
100FT

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



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



SHAFT
8000 for AKSEL 1B ARRIVAL only
5000 for AKSEL 2B ARRIVAL only

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

AKSEL 1B ARRIVAL

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

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

SALLY
12000
230KIAS

SPARK
7000

TT253
8.5
048

TT254
7.6
110

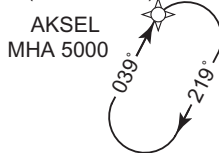
TT255
7.6
092

STING
9000

LAFIT
10000

AKSEL 2B ARRIVAL

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



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



CHANGE : PROC course. HLDG pattern at STING.

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AKSEL 1B ARRIVAL

From AKSEL at 12000FT, to SALLY at 12000FT, to TT253, to TT254, to TT255, to STOWE at 12000FT, to SHAFT at 8000FT, to BACON.

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	AKSEL	—	—	-7.9	—	—	12000	230	—	RNAV1
002	TF	SALLY	—	023 (015.0)	-7.9	13.4	—	12000	230	—	RNAV1
003	TF	TT253	—	048 (040.5)	-7.9	8.5	—	—	—	—	RNAV1
004	TF	TT254	—	110 (102.0)	-7.9	7.6	—	—	—	—	RNAV1
005	TF	TT255	—	092 (084.4)	-7.9	7.6	—	—	—	—	RNAV1
006	TF	STOWE	—	072 (063.6)	-7.9	9.6	—	12000	230	—	RNAV1
007	TF	SHAFT	—	330 (322.4)	-7.9	24.0	—	8000	—	—	RNAV1
008	TF	BACON	—	003 (355.2)	-7.9	9.5	—	—	—	—	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	SHAFT	330 (322.4)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	BACON	003 (355.2)	-7.9	1.0(-14000) 1.5(+14001)	—	L	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : PROC course. VAR.

STANDARD ARRIVAL CHART-INSTRUMENT

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RNAV STAR RWY22/23

AKSEL 2B ARRIVAL

From AKSEL at 12000FT, to LAFIT at or below 10000FT, to STING at or below 9000FT, to SPARK at or below 7000FT, to SHAFT at 5000FT, to BACON.

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	AKSEL	—	—	-7.9	—	—	12000	230	—	RNAV1
002	TF	LAFIT	—	067 (059.5)	-7.9	15.3	—	-10000	—	—	RNAV1
003	TF	STING	—	068 (059.6)	-7.9	7.0	—	-9000	—	—	RNAV1
004	TF	SPARK	—	005 (357.4)	-7.9	11.3	—	-7000	—	—	RNAV1
005	TF	SHAFT	—	005 (357.4)	-7.9	19.3	—	5000	—	—	RNAV1
006	TF	BACON	—	003 (355.2)	-7.9	9.5	—	—	—	—	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)	-7.9	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	STING	068 (059.6)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	SHAFT	330 (322.4)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	BACON	003 (355.2)	-7.9	1.0(-14000) 1.5(+14001)	—	L	4000	—	-230(-14000) -240(+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AKSEL	344039.5N / 1395126.9E	STING	345157.9N / 1401453.4E
BACON	353155.0N / 1401215.1E	STOWE	350325.9N / 1403111.4E
LAFIT	344826.0N / 1400732.4E	TT253	350001.4N / 1400224.6E
SALLY	345333.9N / 1395540.1E	TT254	345826.5N / 1401129.4E
SHAFT	352227.4N / 1401313.3E	TT255	345910.9N / 1402041.4E
SPARK	350312.0N / 1401416.7E		

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