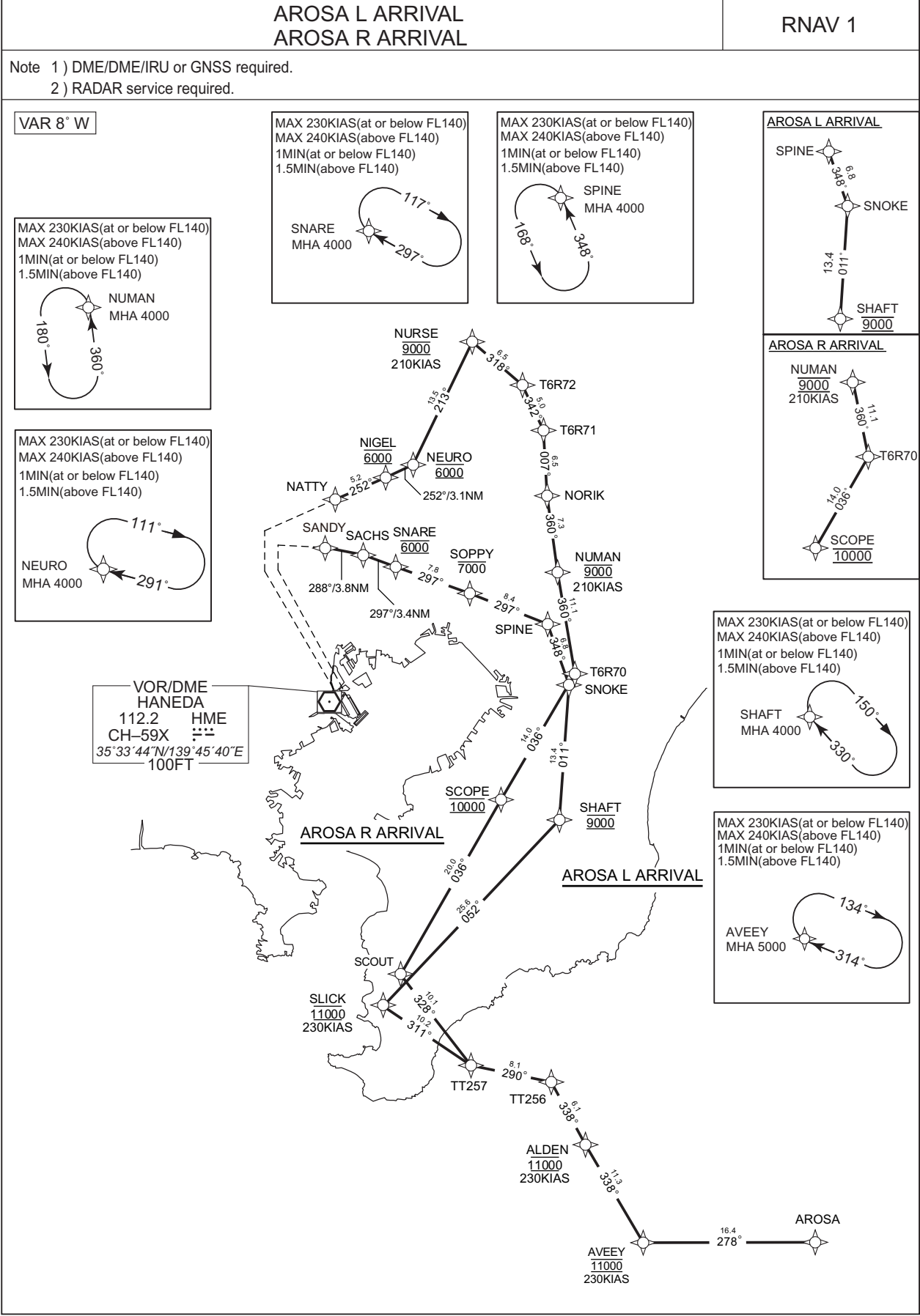


STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY16L/16R



STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY16L/16R

AROSA L ARRIVAL

From AROSA, to AVEEY at 11000FT, to ALDEN at 11000FT, to TT256, to TT257, to SLICK at 11000FT, to SHAFT at 9000FT, to SNOKE, to SPINE, to SOPPY at or below 7000FT, to SNARE at 6000FT, to SACHS, to SANDY.

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	ALDEN	—	338 (330.0)	-7.9	11.3	—	11000	230	—	RNAV1
004	TF	TT256	—	338 (329.9)	-7.9	6.1	—	—	—	—	RNAV1
005	TF	TT257	—	290 (282.4)	-7.9	8.1	—	—	—	—	RNAV1
006	TF	SLICK	—	311 (303.1)	-7.9	10.2	—	11000	230	—	RNAV1
007	TF	SHAFT	—	052 (044.3)	-7.9	25.6	—	9000	—	—	RNAV1
008	TF	SNOKE	—	011 (003.4)	-7.9	13.4	—	—	—	—	RNAV1
009	TF	SPINE	—	348 (340.6)	-7.9	6.8	—	—	—	—	RNAV1
010	TF	SOPPY	—	297 (289.2)	-7.9	8.4	—	-7000	—	—	RNAV1
011	TF	SNARE	—	297 (289.1)	-7.9	7.8	—	6000	—	—	RNAV1
012	TF	SACHS	—	297 (289.0)	-7.9	3.4	—	—	—	—	RNAV1
013	TF	SANDY	—	288 (280.0)	-7.9	3.8	—	—	—	—	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	SHAFT	330 (322.4)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	SPINE	348 (340.6)	-7.9	1.0(-14000) 1.5(+14001)	—	L	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	SNARE	297 (289.1)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : PROC course. VAR.

STANDARD ARRIVAL CHART-INSTRUMENT

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RNAV STAR RWY16L/16R

AROSA R ARRIVAL

From AROSA, to AVEEY at 11000FT, to ALDEN at 11000FT, to TT256, to TT257, to SCOUT, to SCOPE at 10000FT, to T6R70, to NUMAN at 9000FT, to NORIK, to T6R71, to T6R72, to NURSE at 9000FT, to NEURO at 6000FT, to NIGEL at 6000FT, to NATTY.

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	ALDEN	—	338 (330.0)	-7.9	11.3	—	11000	230	—	RNAV1
004	TF	TT256	—	338 (329.9)	-7.9	6.1	—	—	—	—	RNAV1
005	TF	TT257	—	290 (282.4)	-7.9	8.1	—	—	—	—	RNAV1
006	TF	SCOUT	—	328 (320.5)	-7.9	10.1	—	—	—	—	RNAV1
007	TF	SCOPE	—	036 (028.5)	-7.9	20.0	—	10000	—	—	RNAV1
008	TF	T6R70	—	036 (028.6)	-7.9	14.0	—	—	—	—	RNAV1
009	TF	NUMAN	—	360 (352.5)	-7.9	11.1	—	9000	210	—	RNAV1
010	TF	NORIK	—	360 (352.5)	-7.9	7.3	—	—	—	—	RNAV1
011	TF	T6R71	—	007 (358.9)	-7.9	6.5	—	—	—	—	RNAV1
012	TF	T6R72	—	342 (334.4)	-7.9	5.0	—	—	—	—	RNAV1
013	TF	NURSE	—	318 (309.8)	-7.9	6.5	—	9000	210	—	RNAV1
014	TF	NEURO	—	213 (205.5)	-7.9	13.5	—	6000	—	—	RNAV1
015	TF	NIGEL	—	252 (244.1)	-7.9	3.1	—	6000	—	—	RNAV1
016	TF	NATTY	—	252 (244.1)	-7.9	5.2	—	—	—	—	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	NUMAN	360 (352.5)	-7.9	1.0(-14000) 1.5(+14001)	—	L	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	NEURO	291 (282.9)	-7.9	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

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

STANDARD ARRIVAL CHART-INSTRUMENT

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Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
ALDEN	345141.1N / 1401505.3E	SCOUT	350624.1N / 1395356.8E
AROSA	344201.7N / 1404157.3E	SHAFT	352227.4N / 1401313.3E
AVEEY	344155.9N / 1402158.0E	SLICK	350412.7N / 1395120.0E
NATTY	355350.9N / 1394531.3E	SNARE	354731.1N / 1395238.1E
NEURO	355727.6N / 1395441.3E	SNOKE	353551.6N / 1401411.7E
NIGEL	355607.5N / 1395117.8E	SOPPY	354458.8N / 1400140.3E
NORIK	355428.9N / 1401054.5E	SPINE	354213.5N / 1401125.8E
NUMAN	354714.4N / 1401204.9E	T6R70	353614.4N / 1401351.4E
NURSE	360939.3N / 1400153.3E	T6R71	360059.5N / 1401045.1E
SACHS	354838.2N / 1394838.4E	T6R72	360530.2N / 1400804.3E
SANDY	354917.5N / 1394402.8E	TT256	345655.4N / 1401122.9E
SCOPE	352358.4N / 1400538.3E	TT257	345838.5N / 1400146.6E

CHANGE : T6L60 abolished. SACHS established.