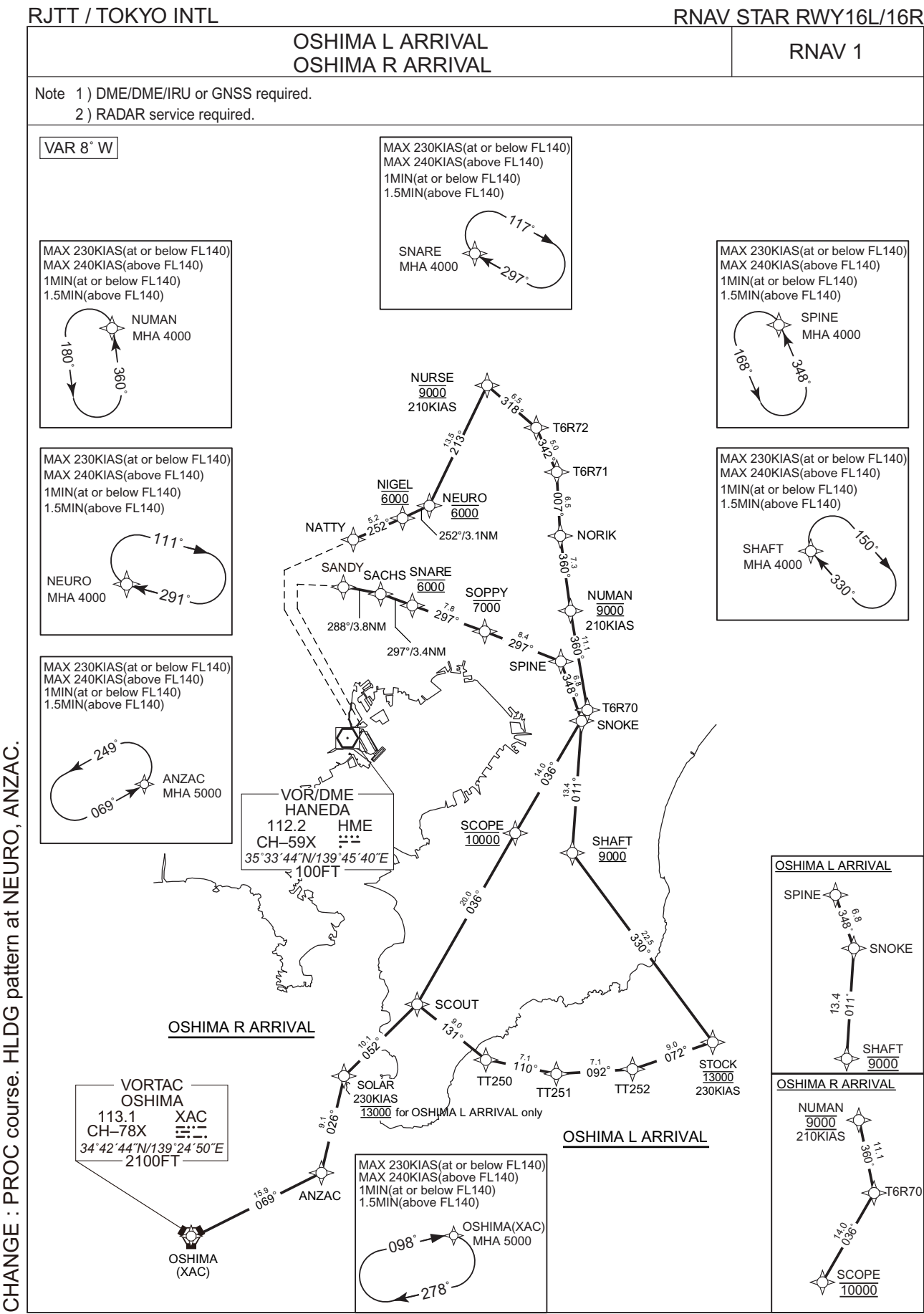


STANDARD ARRIVAL CHART-INSTRUMENT



STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY16L/16R

OSHIMA L ARRIVAL

From XAC, to ANZAC, to SOLAR at 13000FT, to SCOUT, to TT250, to TT251, to TT252, to STOCK at 13000FT, 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 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	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	ANZAC	—	069 (060.8)	-7.9	15.9	—	—	—	—	RNAV1
003	TF	SOLAR	—	026 (018.4)	-7.9	9.1	—	13000	230	—	RNAV1
004	TF	SCOUT	—	052 (044.3)	-7.9	10.1	—	—	—	—	RNAV1
005	TF	TT250	—	131 (123.1)	-7.9	9.0	—	—	—	—	RNAV1
006	TF	TT251	—	110 (102.5)	-7.9	7.1	—	—	—	—	RNAV1
007	TF	TT252	—	092 (084.3)	-7.9	7.1	—	—	—	—	RNAV1
008	TF	STOCK	—	072 (063.6)	-7.9	9.0	—	13000	230	—	RNAV1
009	TF	SHAFT	—	330 (322.4)	-7.9	22.5	—	9000	—	—	RNAV1
010	TF	SNOKE	—	011 (003.4)	-7.9	13.4	—	—	—	—	RNAV1
011	TF	SPINE	—	348 (340.6)	-7.9	6.8	—	—	—	—	RNAV1
012	TF	SOPPY	—	297 (289.2)	-7.9	8.4	—	-7000	—	—	RNAV1
013	TF	SNARE	—	297 (289.1)	-7.9	7.8	—	6000	—	—	RNAV1
014	TF	SACHS	—	297 (289.0)	-7.9	3.4	—	—	—	—	RNAV1
015	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	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	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. HLDG pattern at ANZAC.

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY16L/16R

OSHIMA R ARRIVAL

From XAC, to ANZAC, to SOLAR, 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	XAC	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	ANZAC	—	069 (060.8)	-7.9	15.9	—	—	—	—	RNAV1
003	TF	SOLAR	—	026 (018.4)	-7.9	9.1	—	—	230	—	RNAV1
004	TF	SCOUT	—	052 (044.3)	-7.9	10.1	—	—	—	—	RNAV1
005	TF	SCOPE	—	036 (028.5)	-7.9	20.0	—	10000	—	—	RNAV1
006	TF	T6R70	—	036 (028.6)	-7.9	14.0	—	—	—	—	RNAV1
007	TF	NUMAN	—	360 (352.5)	-7.9	11.1	—	9000	210	—	RNAV1
008	TF	NORIK	—	360 (352.5)	-7.9	7.3	—	—	—	—	RNAV1
009	TF	T6R71	—	007 (358.9)	-7.9	6.5	—	—	—	—	RNAV1
010	TF	T6R72	—	342 (334.4)	-7.9	5.0	—	—	—	—	RNAV1
011	TF	NURSE	—	318 (309.8)	-7.9	6.5	—	9000	210	—	RNAV1
012	TF	NEURO	—	213 (205.5)	-7.9	13.5	—	6000	—	—	RNAV1
013	TF	NIGEL	—	252 (244.1)	-7.9	3.1	—	6000	—	—	RNAV1
014	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	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	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 ANZAC, NEURO.

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY16L/16R

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
ANZAC	345028.8N / 1394146.7E	SNOKE	353551.6N / 1401411.7E
NATTY	355350.9N / 1394531.3E	SOLAR	345909.2N / 1394518.5E
NEURO	355727.6N / 1395441.3E	SOPPY	354458.8N / 1400140.3E
NIGEL	355607.5N / 1395117.8E	SPINE	354213.5N / 1401125.8E
NORIK	355428.9N / 1401054.5E	STOCK	350438.7N / 1403002.9E
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	TT250	350129.7N / 1400308.5E
SCOPE	352358.4N / 1400538.3E	TT251	345957.7N / 1401136.0E
SCOUT	350624.1N / 1395356.8E	TT252	350039.9N / 1402013.0E
SHAFT	352227.4N / 1401313.3E	XAC	344244.1N / 1392450.5E
SNARE	354731.1N / 1395238.1E		

CHANGE : ACORN, T6L60 abolished. ANZAC, SACHS established.