STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR RWY16L/16R

GODIN L ARRIVAL
GODIN R 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)
NOVEL
MHA 5000
264°
084°

MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)
1MIN(at or below FL140)
1.5MIN(above FL140)
017°
197°
GODIN
MHA 8000

MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)
1MIN(at or below FL140)
1.5MIN(above FL140)
SNARE
MHA 4000
117°
297°

MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)
1MIN(at or below FL140)
1.5MIN(above FL140)
NEURO
MHA 4000
110°
290°

GODIN
14.0
264°
NOVEL
8000
210KIAS
10.7
177°
NAMCO
7.0
137°
TT680
5.4
162°
TT681
7.0
186°
NILUS
8000
210KIAS

GODIN R ARRIVAL

NEURO
NIGEL 6000
6000
14.5
290°
252°/3.1NM
5.2
252°
NATTY

GODIN L ARRIVAL

17.2
255°
SANDY
T6L60
SNARE
6000
288°/3.8NM
297°/3.4NM

VOR/DME
HANEDA
112.2 HME
CH–59X
35°33′44″N/139°45′40″E
100FT

CHANGE : New PROC

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GODIN L ARRIVAL

From GODIN, to NOVEL at 8000FT, to NAMCO, to TT680, to TT681, to NILUS at 8000FT, to SNARE at 6000FT, to T6L60, 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	GODIN	–	–	-7.5	–	–	–	–	–	RNAV1
002	TF	NOVEL	–	264 (256.4)	-7.5	14.0	–	8000	210	–	RNAV1
003	TF	NAMCO	–	177 (169.8)	-7.5	10.7	–	–	–	–	RNAV1
004	TF	TT680	–	137 (129.7)	-7.5	7.0	–	–	–	–	RNAV1
005	TF	TT681	–	162 (154.3)	-7.5	5.4	–	–	–	–	RNAV1
006	TF	NILUS	–	186 (178.9)	-7.5	7.0	–	8000	210	–	RNAV1
007	TF	SNARE	–	255 (247.0)	-7.5	17.2	–	6000	–	–	RNAV1
008	TF	T6L60	–	297 (289.0)	-7.5	3.4	–	–	–	–	RNAV1
009	TF	SANDY	–	288 (280.0)	-7.5	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	GODIN	197 (189.2)	-7.5	1.0(-14000) 1.5(+14001)	–	R	8000	–	-230(-14000) -240(+14001)	RNAV1
Hold	NOVEL	264 (256.4)	-7.5	1.0(-14000) 1.5(+14001)	–	L	5000	–	-230(-14000) -240(+14001)	RNAV1
Hold	SNARE	297 (289.1)	-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 RWY16L/16R

GODIN R ARRIVAL

From GODIN, to NOVEL at 8000FT, to NAMCO, to TT680, to TT681, to NILUS at 8000FT, 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	GODIN	–	–	-7.5	–	–	–	–	–	RNAV1
002	TF	NOVEL	–	264 (256.4)	-7.5	14.0	–	8000	210	–	RNAV1
003	TF	NAMCO	–	177 (169.8)	-7.5	10.7	–	–	–	–	RNAV1
004	TF	TT680	–	137 (129.7)	-7.5	7.0	–	–	–	–	RNAV1
005	TF	TT681	–	162 (154.3)	-7.5	5.4	–	–	–	–	RNAV1
006	TF	NILUS	–	186 (178.9)	-7.5	7.0	–	8000	210	–	RNAV1
007	TF	NEURO	–	290 (282.9)	-7.5	14.5	–	6000	–	–	RNAV1
008	TF	NIGEL	–	252 (244.1)	-7.5	3.1	–	6000	–	–	RNAV1
009	TF	NATTY	–	252 (244.1)	-7.5	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	GODIN	197 (189.2)	-7.5	1.0(-14000) 1.5(+14001)	–	R	8000	–	-230(-14000) -240(+14001)	RNAV1
Hold	NOVEL	264 (256.4)	-7.5	1.0(-14000) 1.5(+14001)	–	L	5000	–	-230(-14000) -240(+14001)	RNAV1
Hold	NEURO	290 (282.9)	-7.5	1.0(-14000) 1.5(+14001)	–	R	4000	–	-230(-14000) -240(+14001)	RNAV1

CHANGE : New PROC

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Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
GODIN	*362425.3N / 1401655.9E*	NOVEL	*362106.9N / 1400004.9E*
NAMCO	*361035.1N / 1400226.3E*	SANDY	*354917.5N / 1394402.8E*
NATTY	*355350.9N / 1394531.3E*	SNARE	*354731.1N / 1395238.1E*
NEURO	*355727.6N / 1395441.3E*	T6L60	*354838.2N / 1394838.4E*
NIGEL	*355607.5N / 1395117.8E*	TT680	*360608.2N / 1400904.0E*
NILUS	*355415.2N / 1401208.8E*	TT681	*360113.8N / 1401158.7E*

CHANGE : New PROC