STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL	RNAV STAR RWY22/23
GODIN 1S ARRIVAL GODIN 1D ARRIVAL	RNAV 1

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

VAR 8° W(2019)

GODIN

NOVEL
8000

14.0
264°

GODIN 1S
ARRIVAL

17.2
191°

18.8
203°

SCREW

DREAD

VOR/DME
SEKIYADO
117.0   SYE
CH–117X
36°00´39˝N/139°50´21˝E
100FT

7.6
168°

16.5
167°

STEAM

GODIN 1D ARRIVAL

DME
MORIYA
1174   SND
CH-87X
35°56´05˝N/139°58´53˝E
100FT

TACAN
SHIMOFUSA
980   SHT
CH-19X
35°48´07˝N/140°00´36˝E
100FT

DENNY

5.8
167°

DATUM

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

CHANGE : Restriction on NOVEL

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)

264°   084°

NOVEL
MHA 5000

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

203°   023°

SCREW
MHA 4000

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

011°   191°

DREAD
MHA 5000

MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)
1MIN(at or below FL140)
1.5MIN(above FL140)
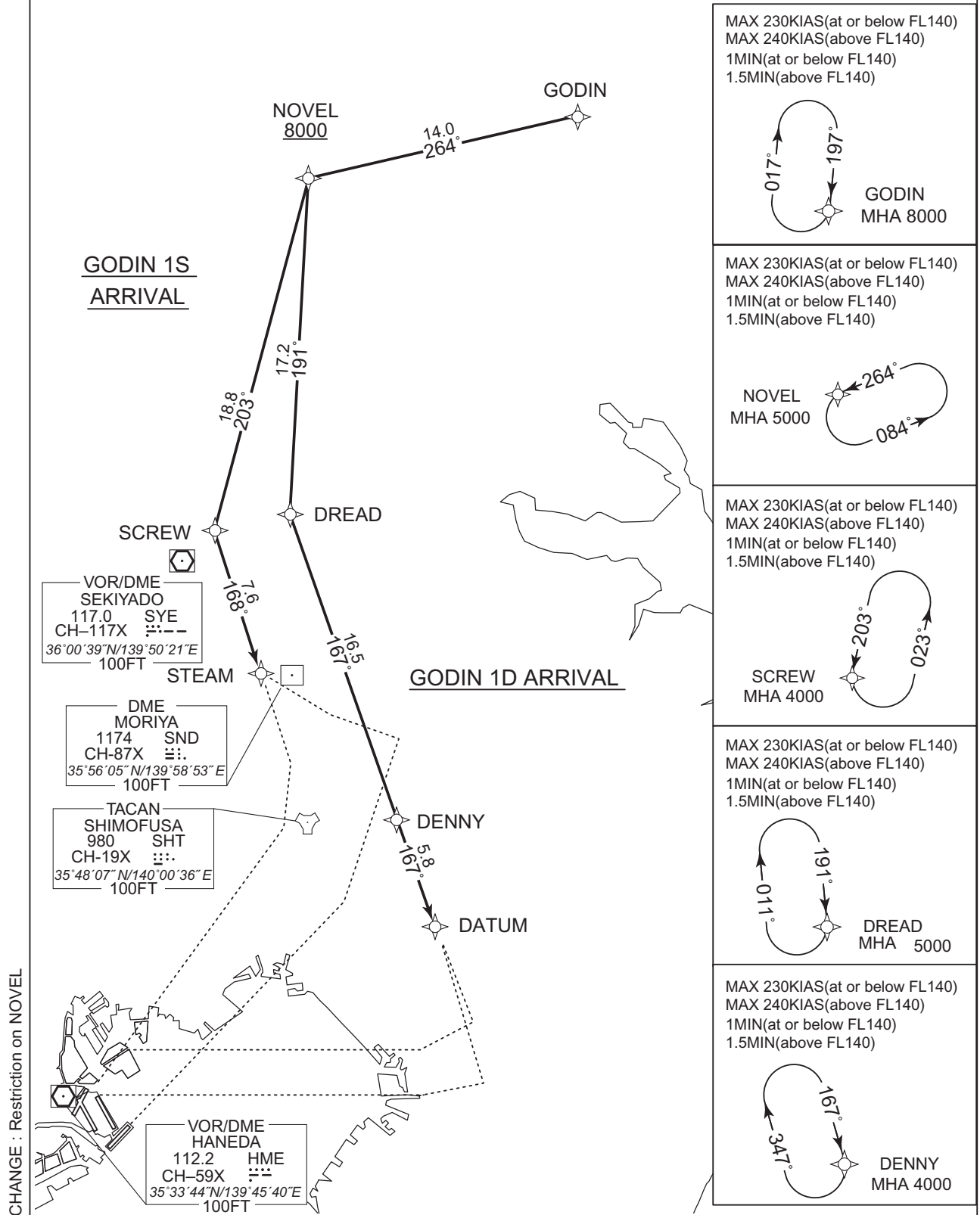
347°   167°

DENNY
MHA 4000

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL   RNAV STAR RWY22/23

GODIN 1S ARRIVAL

From GODIN, to NOVEL at or above 8000FT, to SCREW, to STEAM.

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	–	–	RNAV1
003	TF	SCREW	–	203 (195.2)	-7.5	18.8	–	–	–	–	RNAV1
004	TF	STEAM	–	168 (160.4)	-7.5	7.6	–	–	–	–	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	SCREW	203 (195.2)	-7.5	1.0(-14000) 1.5(+14001)	–	L	4000	–	-230(-14000) -240(+14001)	RNAV1

CHANGE : Restriction on NOVEL

STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL   RNAV STAR RWY22/23

GODIN 1D ARRIVAL

From GODIN, to NOVEL at or above 8000FT, to DREAD, to DENNY, to DATUM.

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	–	–	RNAV1
003	TF	DREAD	–	191 (183.1)	-7.5	17.2	–	–	–	–	RNAV1
004	TF	DENNY	–	167 (159.9)	-7.5	16.5	–	–	–	–	RNAV1
005	TF	DATUM		167 (160.0)	-7.5	5.8	–	–	–	–	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	DREAD	191 (183.1)	-7.5	1.0(-14000) 1.5(+14001)	–	R	5000	–	-230(-14000) -240(+14001)	RNAV1
Hold	DENNY	167 (159.9)	-7.5	1.0(-14000) 1.5(+14001)	–	R	4000	–	-230(-14000) -240(+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
DATUM	354259.6N / 1400824.3E	NOVEL	362106.9N / 1400004.9E
DENNY	354828.8N / 1400556.4E	SCREW	360301.2N / 1395400.4E
DREAD	360359.2N / 1395856.9E	STEAM	355553.3N / 1395708.4E
GODIN	362425.3N / 1401655.9E		

CHANGE : Restriction on NOVEL