

STANDARD DEPARTURE CHART-INSTRUMENT

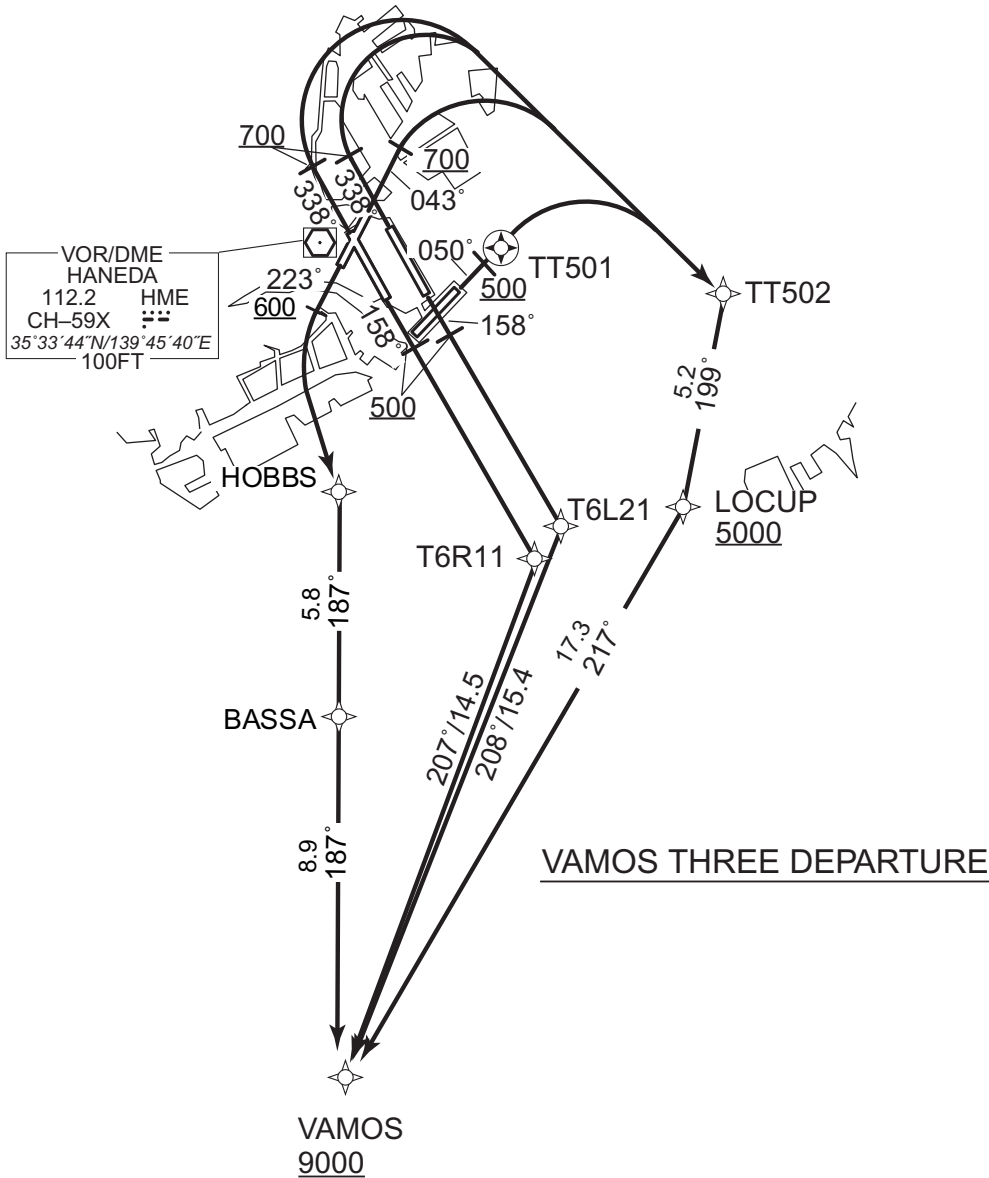
RJTT/TOKYO INTL

RNAV SID

VAMOS THREE DEPARTURE			RNAV1
Note 1) DME/DME/IRU or GNSS required. ※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off rolling. 2) RADAR service required.		Critical DME	RWY16R:HME 1.2NM FM DER - 1.9NM to T6R11 RWY16L:HME 1.0NM FM DER - 2.4NM to T6L21 RWY34R:HME 1.0NM FM DER - 2.5NM to TT502 RWY34L:HME 0.5NM FM DER - 2.5NM to TT502 RWY04:HME 1.7NM FM DER - 2.5NM to TT502 RWY05:HME DER - 2.7NM to TT502
DME GAP	RWY16R:DER - 1.2NM FM DER RWY16L:DER - 1.0NM FM DER RWY34R:DER - 1.0NM FM DER RWY34L:DER - 0.5NM FM DER RWY04:DER - 1.7NM FM DER RWY22:DER - 1.4NM FM DER		
Inappropriate Nav aids	See AD1.1.6.10.3.Inappropriate NAVAIDs for RNAV1		

VAR8°W(2020)

CHANGE : PROC renamed. VAR. HDG after DEP FM RWY04,22. Course FM TT502 to LOCUP.



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VAMOS THREE DEPARTURE

RWY16R : Climb on HDG 158° at or above 500FT, direct to T6R11,
to VAMOS at or above 9000FT.

RWY16L : Climb on HDG 158° at or above 500FT, direct to T6L21,
to VAMOS at or above 9000FT.

RWY34L/34R : Climb on HDG 338° at or above 700FT, turn right direct to
TT502, to LOCUP at or above 5000FT, to VAMOS at or above
9000FT.

RWY04: Climb on HDG 043° at or above 700FT, turn right direct to TT502,
to LOCUP at or above 5000FT, to VAMOS at or above 9000FT.

RWY05: Climb on HDG 050° at or above 500FT, direct to TT501, turn right
direct to TT502, to LOCUP at or above 5000FT, to VAMOS at or
above 9000FT.

RWY22: Climb on HDG 223° at or above 600FT, turn left direct to HOBBS,
to BASSA, to VAMOS at or above 9000FT.

Note RWY34L/34R/04 : 5.0% climb gradient required up to 700FT.

RWY05 : 5.0% climb gradient required up to 500FT.

RWY22 : 5.0% climb gradient required up to 600FT.

CHANGE : PROC renamed. HDG after DEP FM RWY04,22.

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VAMOS THREE DEPARTURE

RWY16R

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	VA	—	—	158 (150.0)	-7.6	—	—	+500	—	—	RNAV1
002	DF	T6R11	—	—	-7.6	—	—	—	—	—	RNAV1
003	TF	VAMOS	—	207 (199.5)	-7.6	14.5	—	+9000	—	—	RNAV1

RWY16L

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	VA	—	—	158 (150.0)	-7.6	—	—	+500	—	—	RNAV1
002	DF	T6L21	—	—	-7.6	—	—	—	—	—	RNAV1
003	TF	VAMOS	—	208 (200.7)	-7.6	15.4	—	+9000	—	—	RNAV1

RWY34L/RWY34R

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	VA	—	—	338 (330.0)	-7.6	—	—	+700	—	—	RNAV1
002	DF	TT502	—	—	-7.6	—	R	—	—	—	RNAV1
003	TF	LOCUP	—	199 (190.9)	-7.6	5.2	—	+5000	—	—	RNAV1
004	TF	VAMOS	—	217 (209.5)	-7.6	17.3	—	+9000	—	—	RNAV1

RWY04

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	VA	—	—	043 (034.9)	-7.6	—	—	+700	—	—	RNAV1
002	DF	TT502	—	—	-7.6	—	R	—	—	—	RNAV1
003	TF	LOCUP	—	199 (190.9)	-7.6	5.2	—	+5000	—	—	RNAV1
004	TF	VAMOS	—	217 (209.5)	-7.6	17.3	—	+9000	—	—	RNAV1

CHANGE : PROC renamed. Magnetic Variation. RWY34L/RWY34R:NR003(Course). RWY04:NR001,003(Course).

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RJTT/TOKYO INTL

RNAV SID

RWY05

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	VA	—	—	050 (042.4)	-7.6	—	—	+500	—	—	RNAV1
002	DF	TT501	Y	—	-7.6	—	—	—	—	—	RNAV1
003	DF	TT502	—	—	-7.6	—	R	—	—	—	RNAV1
004	TF	LOCUP	—	199 (190.9)	-7.6	5.2	—	+5000	—	—	RNAV1
005	TF	VAMOS	—	217 (209.5)	-7.6	17.3	—	+9000	—	—	RNAV1

RWY22

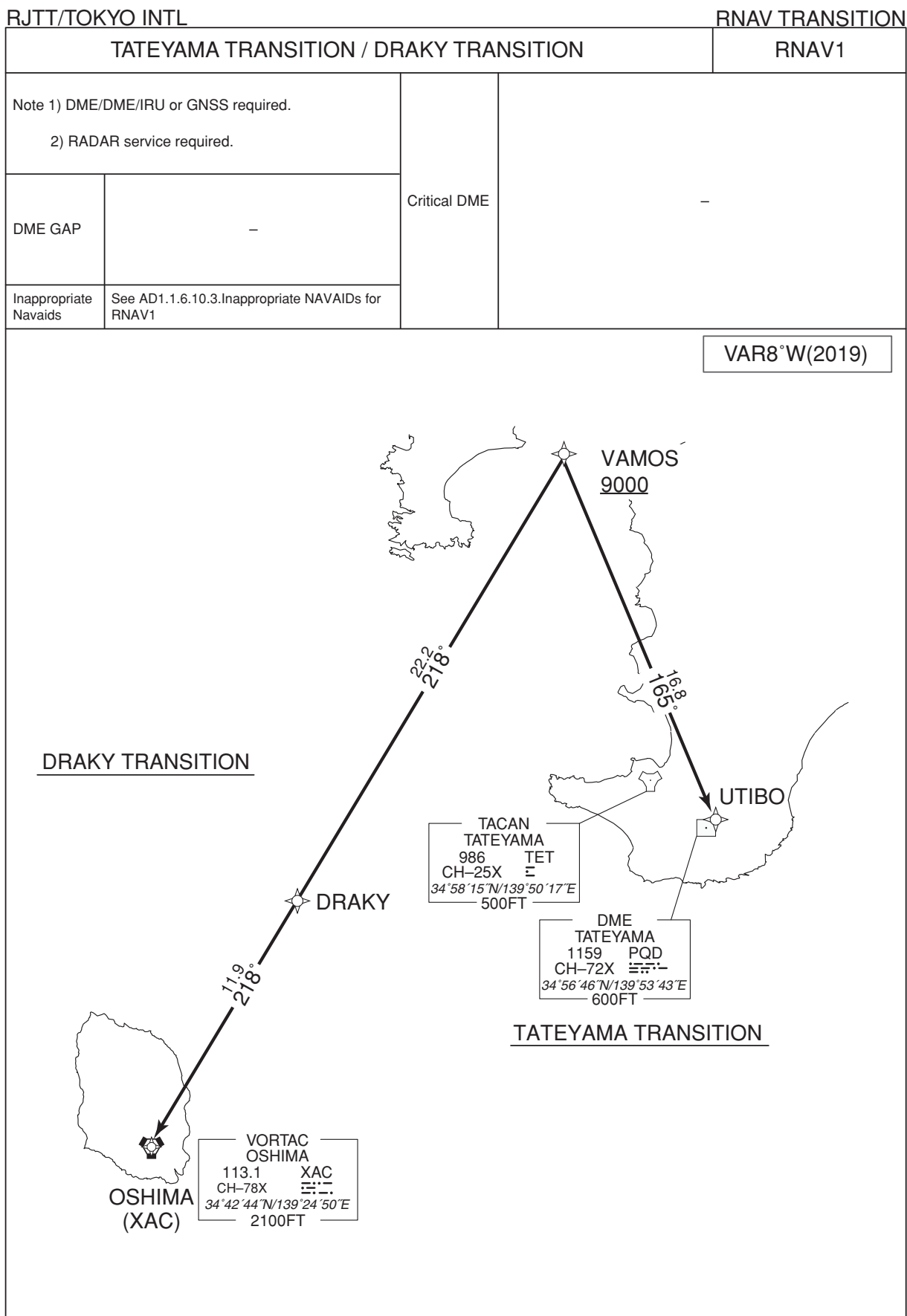
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	223 (214.9)	-7.6	—	—	+600	—	—	RNAV1
002	DF	HOBBS	—	—	-7.6	—	L	—	—	—	RNAV1
003	TF	BASSA	—	187 (179.9)	-7.6	5.8	—	—	—	—	RNAV1
004	TF	VAMOS	—	187 (179.9)	-7.6	8.9	—	+9000	—	—	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
BASSA	352108.8N / 1394542.2E	T6R11	352552.5N / 1395137.2E
HOBBS	352653.9N / 1394541.3E	TT501	353328.7N / 1395029.9E
LOCUP	352718.8N / 1395608.5E	TT502	353224.4N / 1395720.7E
T6L21	352639.1N / 1395222.0E	VAMOS	351215.5N / 1394543.6E

CHANGE : Magnetic Variation. RWY05:NR004(Course). RWY22:NR001(Course).

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RNAV TRANSITION

TATEYAMA TRANSITION

From VAMOS at or above 9000FT, to UTIBO.

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	VAMOS	—	—	-7.5	—	—	+9000	—	—	RNAV1
002	TF	UTIBO	—	165 (157.0)	-7.5	16.8	—	—	—	—	RNAV1

DRAKY TRANSITION

From VAMOS at or above 9000FT, to DRAKY, to XAC.

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	VAMOS	—	—	-7.5	—	—	+9000	—	—	RNAV1
002	TF	DRAKY	—	218 (210.2)	-7.5	22.2	—	—	—	—	RNAV1
003	TF	XAC	—	218 (210.1)	-7.5	11.9	—	—	—	—	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
DRAKY	345301.7N / 1393205.5E	VAMOS	351215.5N / 1394543.6E
UTIBO	345647.0N / 1395343.9E	XAC	344244.1N / 1392450.5E

CHANGE : New PROC