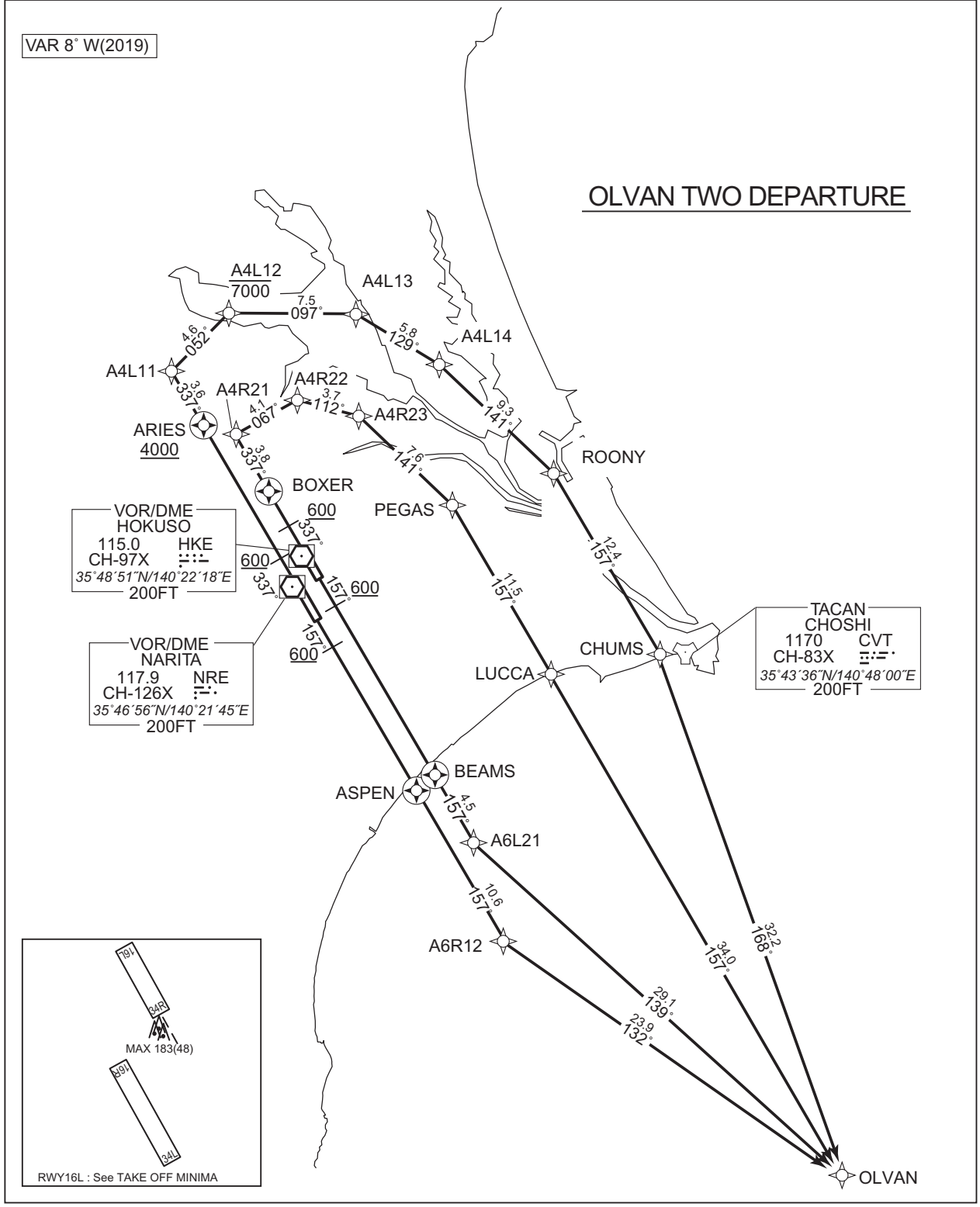
STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL — RNAV SID

OLVAN TWO 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:TLD DER – 1.3NM FM DER RWY16L:TLD DER – 3.4NM FM DER
	DME GAP	RWY34L :DER – 1.3NM FM DER
	Inappropriate Navaids	See AD1.1.6.10.3.Inappropriate NAVAIDs for RNAV1



STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL RNAV SID

OLVAN TWO DEPARTURE

RWY16R : Climb on HDG 157˚ at or above 600FT, direct to ASPEN, to A6R12, to OLVAN.

RWY16L : Climb on HDG 157˚ at or above 600FT, direct to BEAMS, to A6L21, to OLVAN.

RWY34L : Climb on HDG 337˚ at or above 600FT, direct to ARIES at or above 4000FT, to A4L11, to A4L12 at or below 7000FT, to A4L13, to A4L14, to ROONY, to CHUMS, to OLVAN.

RWY34R : Climb on HDG 337˚ at or above 600FT, direct to BOXER, to A4R21, to A4R22, to A4R23, to PEGAS, to LUCCA, to OLVAN.

RWY16R *MUST be used for database coding.

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	–	–	157 (149.6)	-7.5	–	–	+600	–	–	RNAV1
002	DF	ASPEN	Y	–	-7.5	–	–	–	–	–	RNAV1
003	TF	A6R12	–	157 (149.7)	-7.5	10.6	–	–	–	–	RNAV1
004	TF	OLVAN	–	132 (124.2)	-7.5	23.9	–	–	–	–	RNAV1

RWY16L *MUST be used for database coding.

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	–	–	157 (149.6)	-7.5	–	–	+600	–	–	RNAV1
002	DF	BEAMS	Y	–	-7.5	–	–	–	–	–	RNAV1
003	TF	A6L21	–	157 (149.7)	-7.5	4.5	–	–	–	–	RNAV1
004	TF	OLVAN	–	139 (131.8)	-7.5	29.1	–	–	–	–	RNAV1

CHANGE : ALT Restriction on A4R23. PROC renamed.

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL RNAV SID

RWY34L *MUST be used for database coding.

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	–	–	337 (329.6)	-7.5	–	–	+600	–	–	RNAV1
002	DF	ARIES	Y	–	-7.5	–	–	+4000	–	–	RNAV1
003	TF	A4L11	–	337 (329.5)	-7.5	3.6	–	–	–	–	RNAV1
004	TF	A4L12	–	052 (044.3)	-7.5	4.6	–	-7000	–	–	RNAV1
005	TF	A4L13	–	097 (089.4)	-7.5	7.5	–	–	–	–	RNAV1
006	TF	A4L14	–	129 (121.2)	-7.5	5.8	–	–	–	–	RNAV1
007	TF	ROONY	–	141 (133.2)	-7.5	9.3	–	–	–	–	RNAV1
008	TF	CHUMS	–	157 (149.7)	-7.5	12.4	–	–	–	–	RNAV1
009	TF	OLVAN	–	168 (160.6)	-7.5	32.2	–	–	–	–	RNAV1

RWY34R *MUST be used for database coding.

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	–	–	337 (329.6)	-7.5	–	–	+600	–	–	RNAV1
002	DF	BOXER	Y	–	-7.5	–	–	–	–	–	RNAV1
003	TF	A4R21	–	337 (329.6)	-7.5	3.8	–	–	–	–	RNAV1
004	TF	A4R22	–	067 (059.3)	-7.5	4.1	–	–	–	–	RNAV1
005	TF	A4R23	–	112 (104.6)	-7.5	3.7	–	–	–	–	RNAV1
006	TF	PEGAS	–	141 (133.4)	-7.5	7.6	–	–	–	–	RNAV1
007	TF	LUCCA	–	157 (149.6)	-7.5	11.5	–	–	–	–	RNAV1
008	TF	OLVAN	–	157 (149.6)	-7.5	34.0	–	–	–	–	RNAV1

Waypoint Coordinates

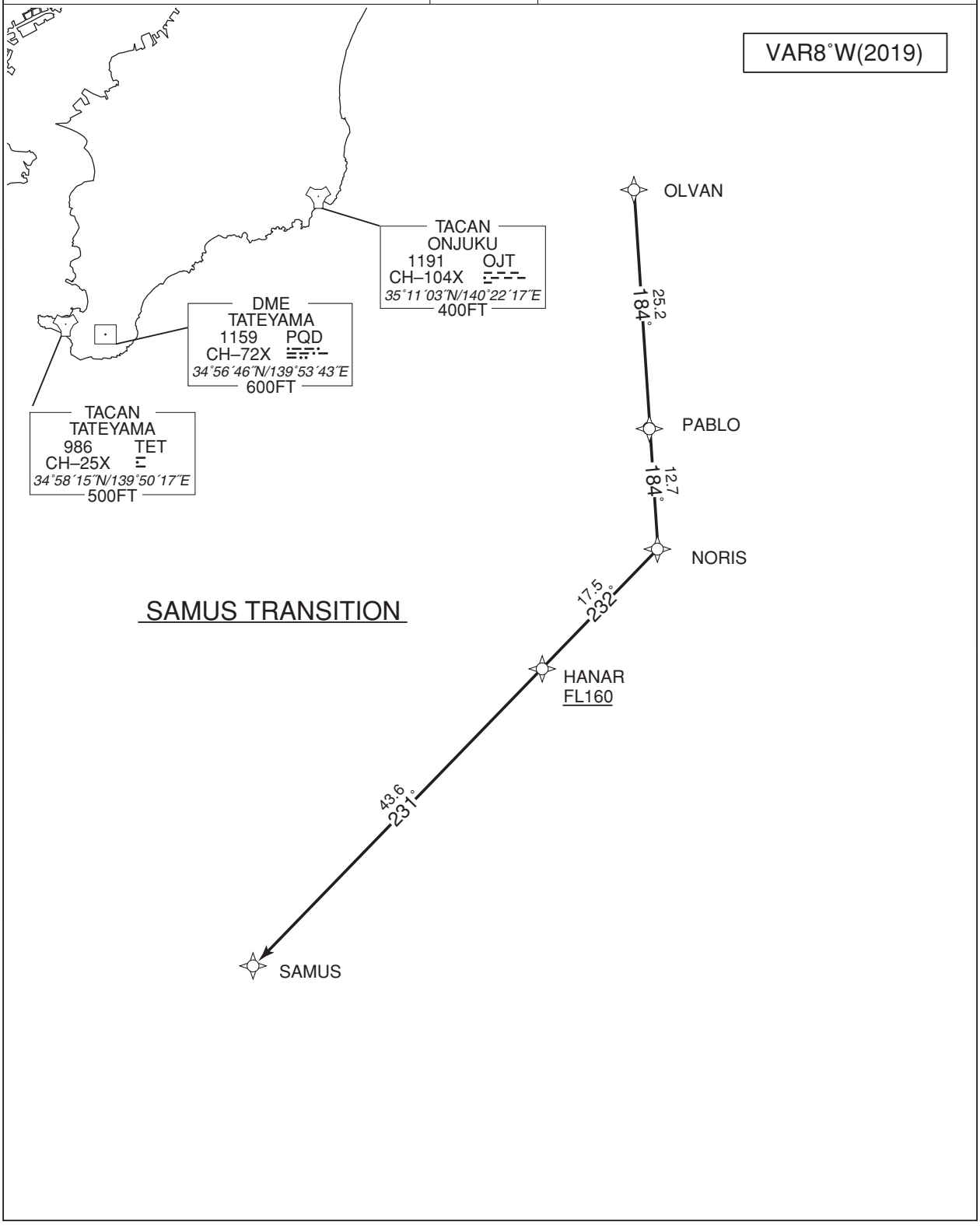
Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
A4L11	*355915.6N / 1401249.1E*	ARIES	*355607.4N / 1401505.9E*
A4L12	*360232.6N / 1401646.8E*	ASPEN	*353451.0N / 1403028.1E*
A4L13	*360236.7N / 1402559.7E*	BEAMS	*353533.0N / 1403153.1E*
A4L14	*355937.8N / 1403205.0E*	BOXER	*355213.0N / 1401951.6E*
A4R21	*355529.4N / 1401729.2E*	CHUMS	*354237.0N / 1404806.0E*
A4R22	*355734.5N / 1402150.1E*	LUCCA	*354132.8N / 1404011.4E*
A4R23	*355638.8N / 1402614.7E*	OLVAN	*351214.1N / 1410111.3E*
A6L21	*353137.9N / 1403441.9E*	PEGAS	*355126.3N / 1403302.1E*
A6R12	*352543.5N / 1403700.7E*	ROONY	*355317.4N / 1404024.4E*

CHANGE : ALT Restriction on A4R23

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL — RNAV TRANSITION

SAMUS TRANSITION		RNAV1
Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.	Critical DME	-
	DME GAP	-
	Inappropriate Navaids	See AD1.1.6.10.3.Inappropriate NAVAIDs for RNAV1



CHANGE : New PROC

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL RNAV TRANSITION

SAMUS TRANSITION

From OLVAN, to PABLO, to NORIS, to HANAR at or above FL160, to SAMUS.

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	OLVAN	–	–	-7.5	–	–	–	–	–	RNAV1
002	TF	PABLO	–	184 (176.3)	-7.5	25.2	–	–	–	–	RNAV1
003	TF	NORIS	–	184 (176.3)	-7.5	12.7	–	–	–	–	RNAV1
004	TF	HANAR	–	232 (224.0)	-7.5	17.5	–	+FL160	–	–	RNAV1
005	TF	SAMUS	–	231 (223.8)	-7.5	43.6	–	–	–	–	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
HANAR	*342149.9N / 1404923.3E*	PABLO	*344705.1N / 1410309.6E*
NORIS	*343426.6N / 1410408.5E*	SAMUS	*335020.0N / 1401305.0E*
OLVAN	*351214.1N / 1410111.3E*		

CHANGE : New PROC

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