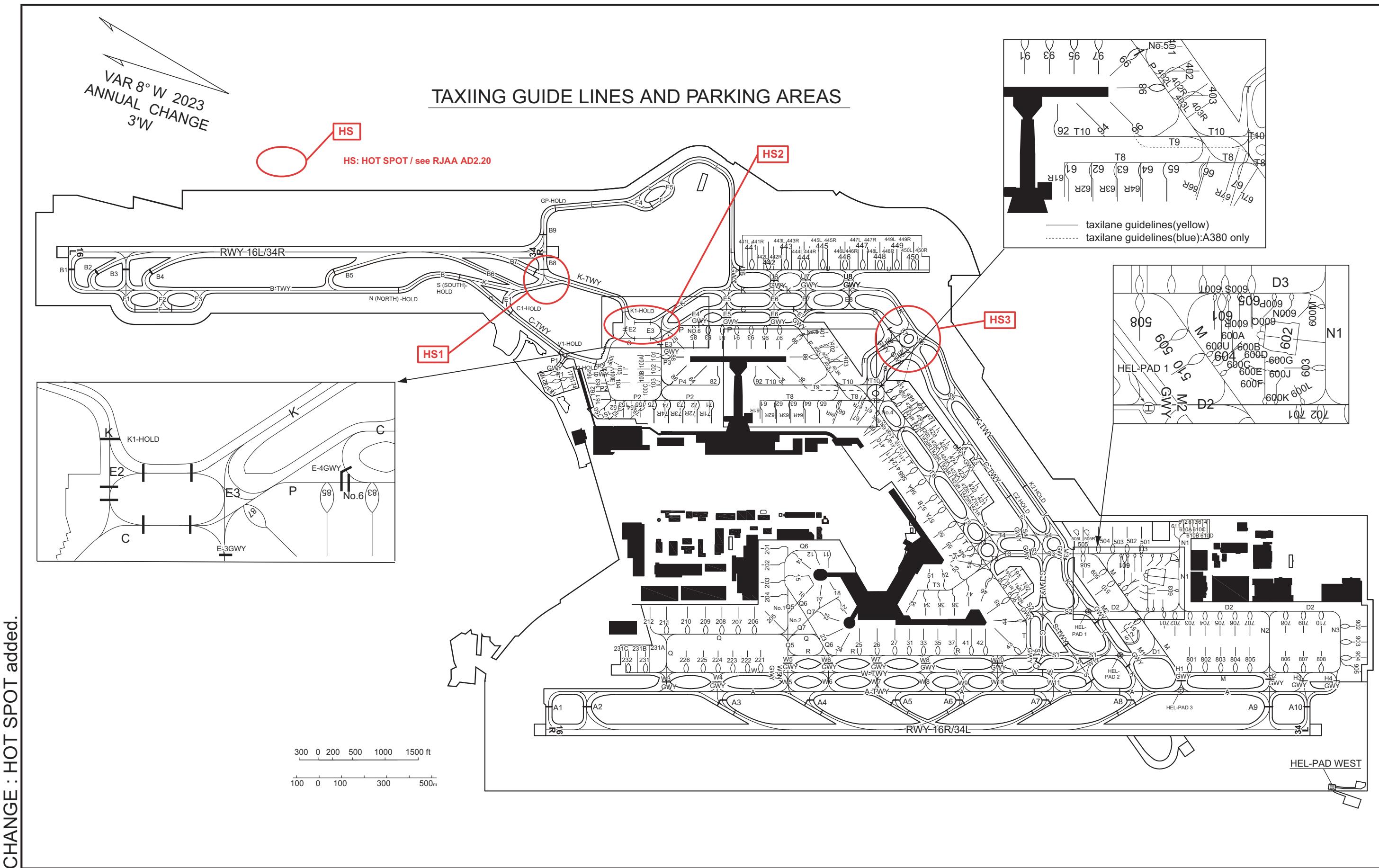
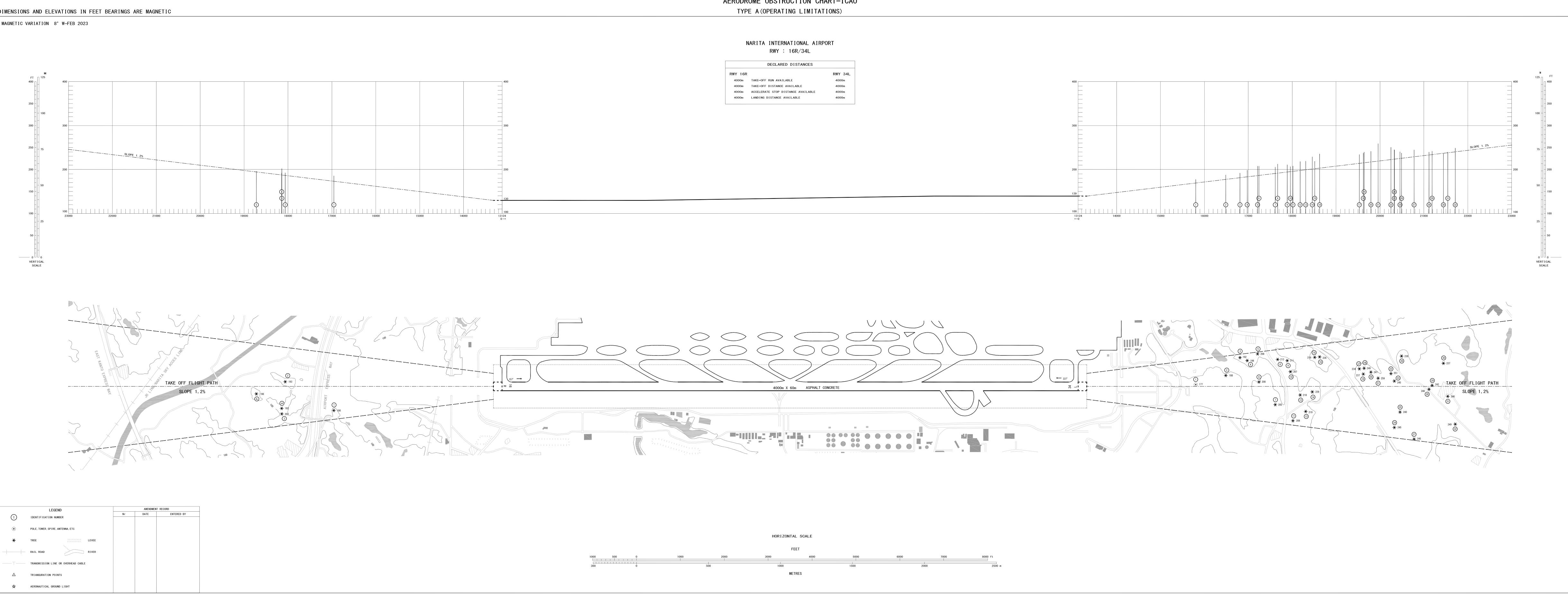


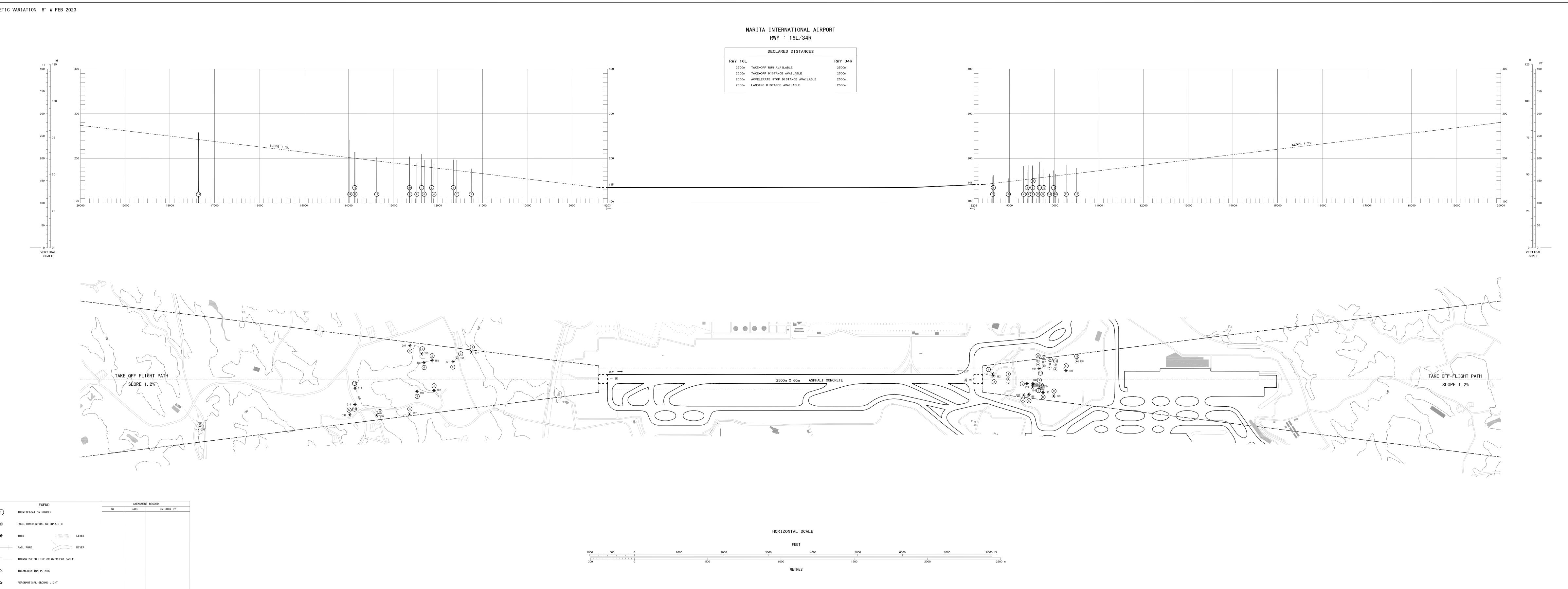
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TAXIING GUIDE LINES AND PARKING AREAS



ation Bureau,Japan (EFF:23 MAR 2023)



DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC
MAGNETIC VARIATION 8° W-FEB 2023AERODROME OBSTRUCTION CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

AERODROME OBSTRUCTION CHART-ICAO

DIMENSIONS AND ELEVATION IN FEET BEARINGS ARE MAGNETIC



CHANGE : FFM relocated.



STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

SID

SAKURA FIVE DEPARTURE

RWY 16R : Climb via NRE R157 to 14.0DME, turn left to intercept and proceed via NRE R129 to NRE VOR/DME, via NRE R271 to TETRA.
Cross TETRA at or above 12000FT.

RWY 16L : (Not established)

RWY 34L : Climb via NRE R337 to 6.0DME, turn right HDG100° until crossing NRE R036, turn right HDG160° to intercept and proceed via NRE R103 to NRE VOR/DME, via NRE R271 to TETRA.
Cross NRE R001 at or above 3000FT,
cross NRE R036 between 4000FT and 7000FT,
cross TETRA at or above 12000FT.

RWY 34R : (Not established)

CHANGE : PROC renamed. PROC FM RWY 16L/34R abolished. HOKUSO VOR/DME(HKE) abolished.



STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

TRANSITION

SHIZUOKA TRANSITION

From over TETRA, via HME R070 to HME VOR/DME, via HME R247/SZE R066 to SZE VOR/DME.

Cross HME VOR/DME at or above FL200.



CHANGE : Course FM SZE to HME.

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

SID

AKAGI FOUR DEPARTURE

RWY16R : Climb via NRE R157 to 14.0DME, turn right, direct to NRE VOR/DME, via NRE R326 to AKAGI via LOPIA and YAOKO.

Cross LOPIA at or above 12000FT, cross YAOKO at or above FL180.

RWY16L : (Not established)

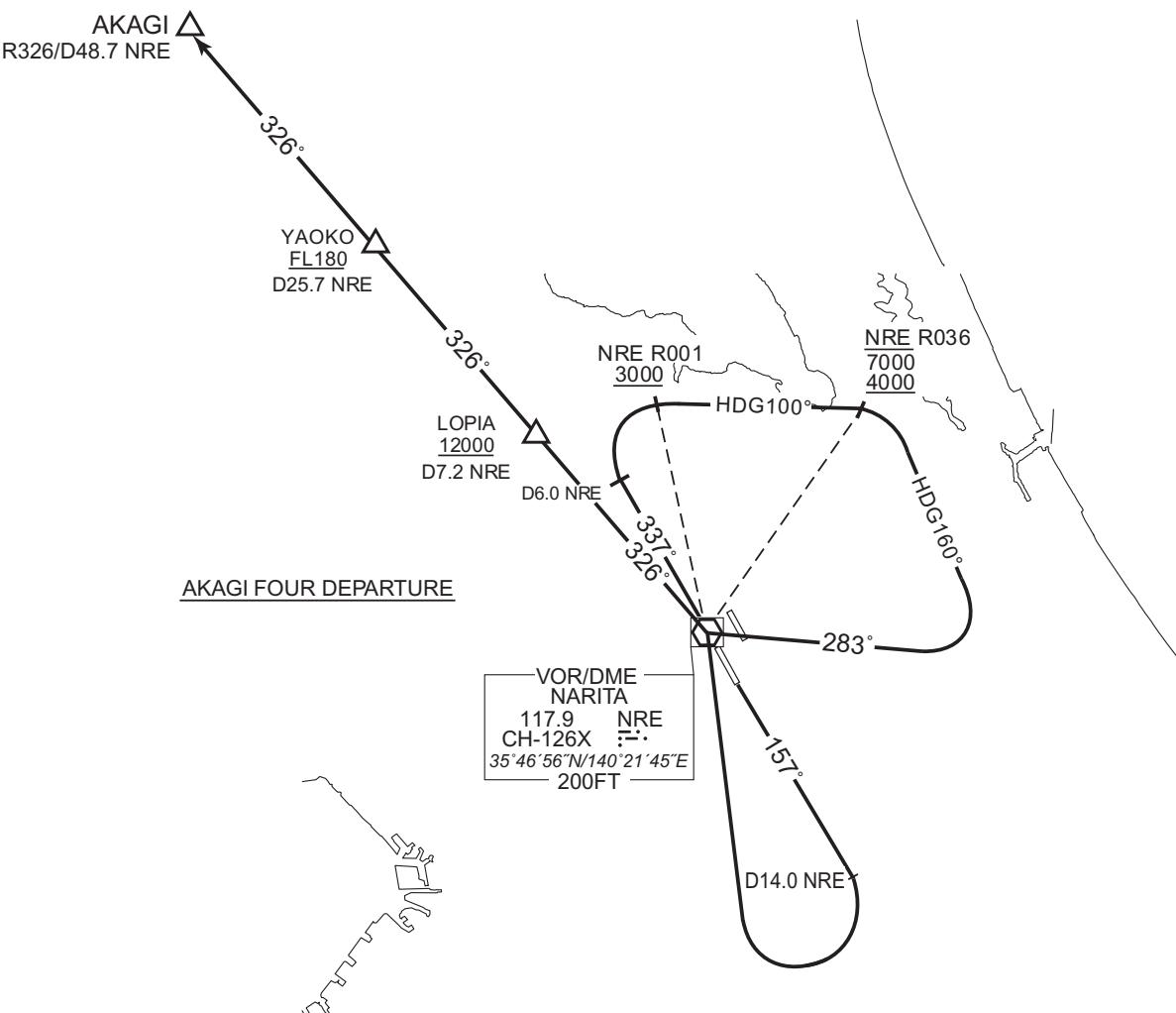
RWY34L : Climb via NRE R337 to 6.0DME, turn right HDG100° until crossing NRE R036, turn right HDG160° to intercept and proceed via NRE R103 to NRE VOR/DME, via NRE R326 to AKAGI via LOPIA and YAOKO.

Cross NRE R001 at or above 3000FT,
cross NRE R036 between 4000FT and 7000FT,

cross LOPIA at or above 12000FT, cross YAOKO at or above FL180.

RWY34R : (Not established)

CHANGE : PROC renamed. PROC FM RWY 16L/34R abolished. HOKUSO VOR/DME(HKE) abolished.



STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

SID

SUNNS TWO DEPARTURE

RWY16R : Climb via NRE R157 to 14.0DME, turn left HDG108° to intercept and proceed via NRE R138 to SUNNS via ROUSY.

Cross ROUSY at or above 7000FT, cross SUNNS at or above FL190.

RWY16L : (Not established)

RWY34L : Climb via NRE R337 to 6.0DME, turn right, direct to NRE VOR/DME, via NRE R138 to SUNNS via ROUSY.

Cross NRE R001 at or above 2800FT,
cross NRE R018 at or below 7000FT,
cross ROUSY at or above 7000FT, cross SUNNS at or above FL190.

RWY34R : (Not established)

CHANGE : PROC renamed, PROC FM RWY 16L/34R abolished. HOKUSO VOR/DME(HKE) abolished.



STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

TETRA EIGHT 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

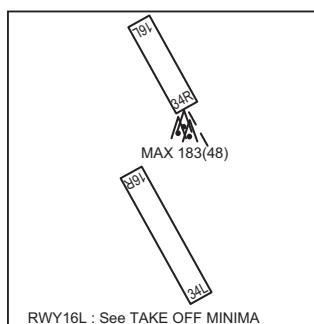
DME GAP

RWY34L : DER - 1.3NM FM DER

Inappropriate Navaids

See AD1.1.6.10.3. Inappropriate NAV AIDS for RNAV1

VAR 8° W

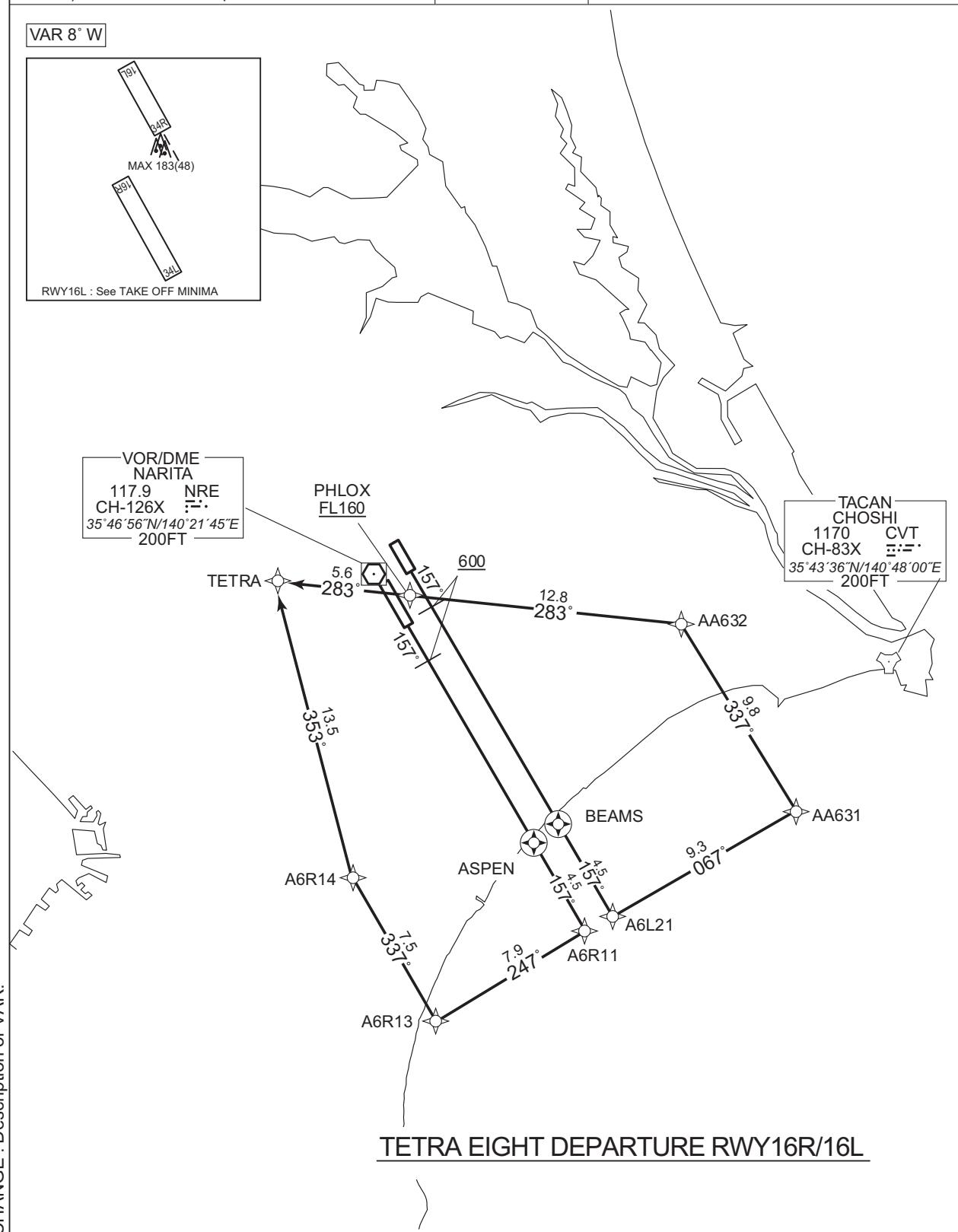


CHANGE : Description of VAR.

VOR/DME
NARITA
117.9 NRE
CH-126X 200FT
35°46'56"N/140°21'45"E

PHLOX
FL160

TACAN
CHOSHII
1170 CVT
CH-83X 200FT
35°43'36"N/140°48'00"E



STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

VAR 8° W

TETRA EIGHT DEPARTURE RWY34L/34R

CHANGE : Description of VAR.

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

TETRA EIGHT DEPARTURE

RWY16R : Climb on HDG157° at or above 600FT, direct to ASPEN, to A6R11, to A6R13, to A6R14, to TETRA.

RWY16L : Climb on HDG157° at or above 600FT, direct to BEAMS, to A6L21, to AA631, to AA632, to PHLOX at or above FL160, to TETRA.

RWY34L : Climb on HDG337° 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 at or above 13000FT, to ASTON, to TETRA.

RWY34R : Climb on HDG337° at or above 600FT, direct to BOXER, to A4R21, to A4R22, to A4R23, to PEGAS, to ASTON, to TETRA.

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	A6R11	—	157 (149.7)	-7.5	4.5	—	—	—	—	RNAV1
004	TF	A6R13	—	247 (239.5)	-7.5	7.9	—	—	—	—	RNAV1
005	TF	A6R14	—	337 (329.6)	-7.5	7.5	—	—	—	—	RNAV1
006	TF	TETRA	—	353 (345.1)	-7.5	13.5	—	—	—	—	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	AA631	—	067 (059.5)	-7.5	9.3	—	—	—	—	RNAV1
005	TF	AA632	—	337 (329.8)	-7.5	9.8	—	—	—	—	RNAV1
006	TF	PHLOX	—	283 (275.3)	-7.5	12.8	—	+FL160	—	—	RNAV1
007	TF	TETRA	—	283 (275.1)	-7.5	5.6	—	—	—	—	RNAV1

CHANGE : ALT1 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	-	+13000	-	-	RNAV1
008	TF	ASTON	-	240 (232.1)	-7.5	15.5	-	-	-	-	RNAV1
009	TF	TETRA	-	297 (289.5)	-7.5	8.1	-	-	-	-	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	ASTON	-	227 (219.2)	-7.5	9.9	-	-	-	-	RNAV1
008	TF	TETRA	-	297 (289.5)	-7.5	8.1	-	-	-	-	RNAV1

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
A4L11	355915.6N / 1401249.1E	AA631	353619.9N / 1404431.9E
A4L12	360232.6N / 1401646.8E	AA632	354446.7N / 1403828.9E
A4L13	360236.7N / 1402559.7E	ARIES	355607.4N / 1401505.9E
A4L14	355937.8N / 1403205.0E	ASPEN	353451.0N / 1403028.1E
A4R21	355529.4N / 1401729.2E	ASTON	354344.6N / 1402518.6E
A4R22	355734.5N / 1402150.1E	BEAMS	353533.0N / 1403153.1E
A4R23	355638.8N / 1402614.7E	BOXER	355213.0N / 1401951.6E
A6L21	353137.9N / 1403441.9E	PEGAS	355126.3N / 1403302.1E
A6R11	353056.9N / 1403316.2E	PHLOX	354556.6N / 1402246.1E
A6R13	352654.9N / 1402452.6E	ROONY	355317.4N / 1404024.4E
A6R14	353324.7N / 1402011.9E	TETRA	354626.4N / 1401555.8E

CHANGE : Update

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV TRANSITION

AGRIS TRANSITION /KIMIN TRANSITION / ENPAR TRANSITION

RNAV1

Note 1) DME/DME/IRU or GNSS required.

Critical DME

-

2) RADAR service required.

DME GAP

-

Inappropriate
Navaids

See AD1.1.6.10.3.Inappropriate NAVAIDs for RNAV1

VAR8°W



STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV TRANSITION

AGRIS TRANSITION

From TETRA at or above 12000FT, to RADIX at or above FL150, to WHARF at or above FL180, to AGRIS at or above FL200.

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	TETRA	—	—	-7.5	—	—	+12000	—	—	RNAV1
002	TF	RADIX	—	346 (338.1)	-7.5	13.9	—	+FL150	—	—	RNAV1
003	TF	WHARF	—	346 (338.1)	-7.5	8.7	—	+FL180	—	—	RNAV1
004	TF	AGRIS	—	346 (338.0)	-7.5	19.3	—	+FL200	—	—	RNAV1

KIMIN TRANSITION

From TETRA at or above 12000FT, to RADIX at or above FL150, to WHARF at or above FL180, to KIMIN.

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	TETRA	—	—	-7.5	—	—	+12000	—	—	RNAV1
002	TF	RADIX	—	346 (338.1)	-7.5	13.9	—	+FL150	—	—	RNAV1
003	TF	WHARF	—	346 (338.1)	-7.5	8.7	—	+FL180	—	—	RNAV1
004	TF	KIMIN	—	012 (004.1)	-7.5	24.0	—	—	—	—	RNAV1

ENPAR TRANSITION

From TETRA at or above 12000FT, to RAMBA at or above FL160, to ENPAR.

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	TETRA	—	—	-7.5	—	—	+12000	—	—	RNAV1
002	TF	RAMBA	—	293 (285.1)	-7.5	14.0	—	+FL160	—	—	RNAV1
003	TF	ENPAR	—	292 (284.9)	-7.5	7.9	—	—	—	—	RNAV1

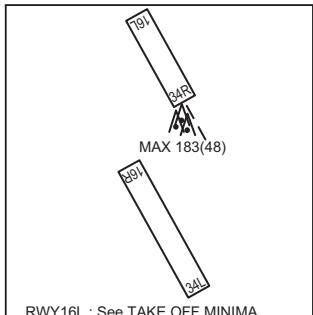
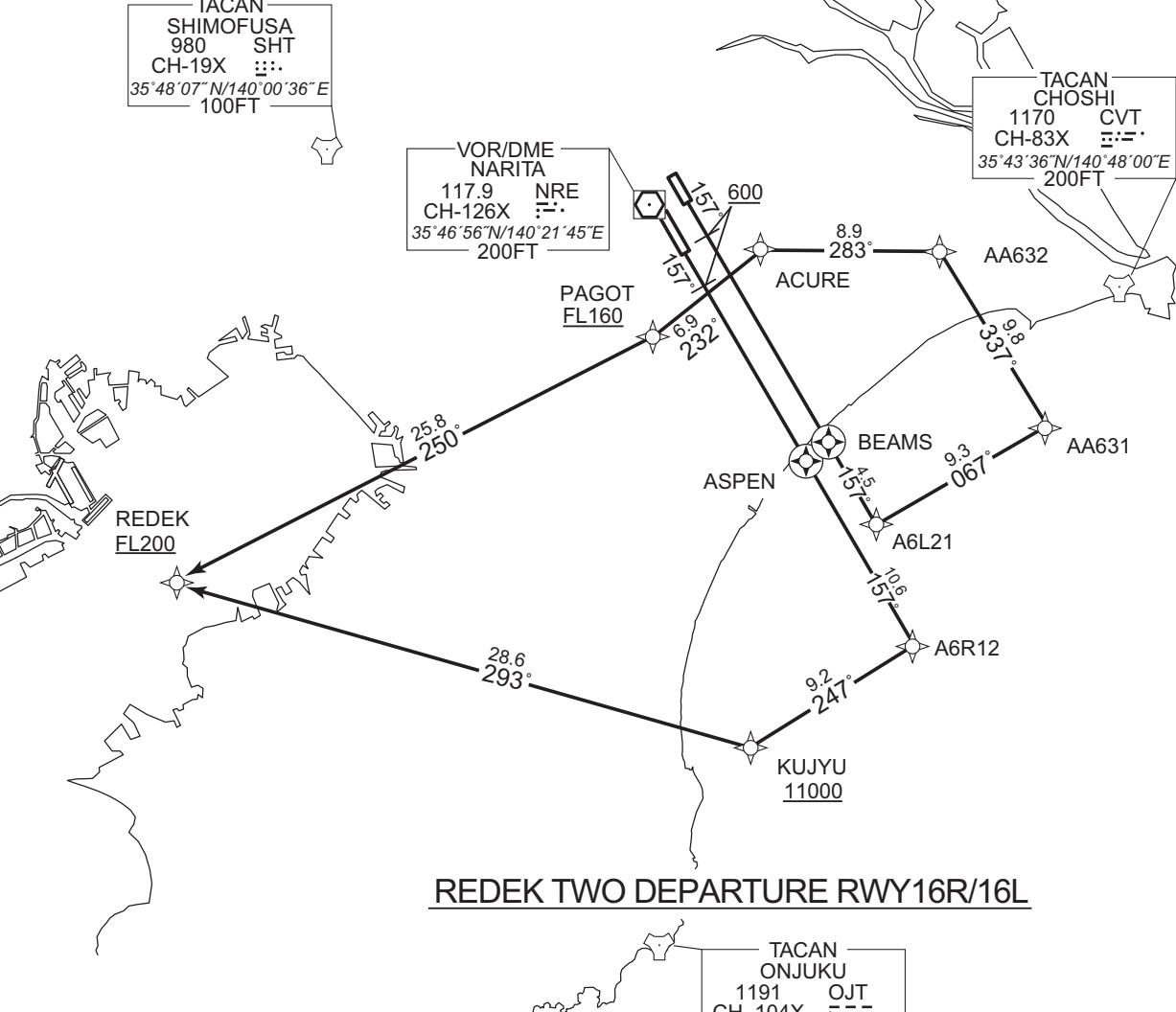
Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AGRIS	362514.7N / 1395633.1E	RAMBA	355003.7N / 1395917.7E
ENPAR	355205.2N / 1394954.3E	TETRA	354626.4N / 1401555.8E
KIMIN	363119.5N / 1400738.2E	WHARF	360722.6N / 1400531.1E
RADIX	355917.2N / 1400933.2E		

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

REDEK 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
VAR 8° W  RWY16L : See TAKE OFF MINIMA		
 <p>REDEK FL200</p> <p>VOR/DME NARITA 117.9 NRE CH-126X 200FT 35°46'56"N/140°21'45"E</p> <p>TACAN SHIMOFUSA 980 SHT CH-19X 100FT 35°48'07"N/140°00'36"E</p> <p>ACURE</p> <p>BEAMS</p> <p>ASPEN</p> <p>AA632</p> <p>AA631</p> <p>A6L21</p> <p>A6R12</p> <p>KUJYU 11000</p> <p>REDEK TWO DEPARTURE RWY16R/16L</p> <p>TACAN ONJUKU 1191 OJT CH-104X 400FT 35°11'03"N/140°22'17"E</p>		

CHANGE : Description of VAR.

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

VAR 8° W

DME
MORIYA
1174 SND
CH-87X E..
35°56'06"N/139°58'52"E
100FT

TACAN
SHIMOFUSA
980 SHT
CH-19X ...
 $35^{\circ}48'07''N$ / $140^{\circ}00'36''E$
100FT

This figure is an aeronautical chart showing navigation aids and runway information for several airports. The chart includes the following details:

- ARIES 4000:** Located on the left, with a VOR/DME station at 117.9 CH-126X. Its coordinates are 35°46'56"N / 140°21'45"E, and it is at an altitude of 200FT. It has a bearing of 032° to A4L12 and 061° to A4R21.
- ROONY 13000:** Located on the right, with a TACAN station at 1170 CH-83X. Its coordinates are 35°43'36"N / 140°48'00"E, and it is at an altitude of 200FT. It has a bearing of 129° to A4L13 and 141° to A4L14.
- CHOSHI:** Located at the bottom right, with a TACAN station at 1170 CH-83X. Its coordinates are 35°43'36"N / 140°48'00"E, and it is at an altitude of 200FT. It has a bearing of 198° to IBURA and 257° to GULID.
- Runways:**
 - PORCO 11000(for RWY34R):** Located at the bottom left, with a bearing of 257° to PORCO.
 - IBURA:** Located at the bottom right, with a bearing of 257° to IBURA.
 - GULID:** Located at the bottom center, with a bearing of 257° to GULID.
 - BOXER 600:** Located in the center-left, with a bearing of 33° to BOXER.
 - PEGAS:** Located in the center-right, with a bearing of 141° to PEGAS.
- AIRPORTS:**
 - A4L12:** Located at the top left, with a bearing of 097° to A4L13.
 - A4L13:** Located at the top center, with a bearing of 129° to A4L14.
 - A4L14:** Located at the top right, with a bearing of 141° to ROONY.
 - A4R21:** Located in the middle-left, with a bearing of 061° to A4R23.
 - A4R22:** Located in the middle-center, with a bearing of 112° to A4R23.
 - A4R23:** Located in the middle-right, with a bearing of 141° to ROONY.
 - A4L11:** Located at the far left, with a bearing of 032° to A4L12.
 - IBURA:** Located at the bottom right, with a bearing of 257° to CHOSHI.
 - GULID:** Located at the bottom center, with a bearing of 257° to CHOSHI.
 - PORCO:** Located at the bottom left, with a bearing of 257° to CHOSHI.
- Other Labels:**
 - VOR/DME NARITA:** Located at the bottom left, with a bearing of 117.9 CH-126X. Its coordinates are 35°46'56"N / 140°21'45"E, and it is at an altitude of 200FT.
 - TACAN CHOSHI:** Located at the bottom right, with a bearing of 1170 CH-83X. Its coordinates are 35°43'36"N / 140°48'00"E, and it is at an altitude of 200FT.

REDEK TWO DEPARTURE RWY34L/34R

CHANGE : Description of VAR.

TACAN
ONJUKU
1191 OJT
CH-104X
35°11'03"N/140°22'17"E
400FT

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

REDEK TWO DEPARTURE

RWY16R : Climb on HDG 157° at or above 600FT, direct to ASPEN, to A6R12, to KUJYU at or above 11000FT, to REDEK at or above FL200.

RWY16L : Climb on HDG 157° at or above 600FT, direct to BEAMS, to A6L21, to AA631, to AA632, to ACURE, to PAGOT at or above FL160, to REDEK at or above FL200.

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 at or above 13000FT, to IBURA, to GULID, to PORCO, to REDEK at or above FL200.

RWY34R : Climb on HDG 337° at or above 600FT, direct to BOXER, to A4R21, to A4R22, to A4R23, to PEGAS, to GULID, to PORCO at or above 11000FT, to REDEK at or above FL200.

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	KUJYU	—	247 (239.5)	-7.5	9.2	—	+11000	—	—	RNAV1
005	TF	REDEK	—	293 (285.7)	-7.5	28.6	—	+FL200	—	—	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	AA631	—	067 (059.5)	-7.5	9.3	—	—	—	—	RNAV1
005	TF	AA632	—	337 (329.8)	-7.5	9.8	—	—	—	—	RNAV1
006	TF	ACURE	—	283 (275.3)	-7.5	8.9	—	—	—	—	RNAV1
007	TF	PAGOT	—	232 (224.1)	-7.5	6.9	—	+FL160	—	—	RNAV1
008	TF	REDEK	—	250 (242.6)	-7.5	25.8	—	+FL200	—	—	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	—	+13000	—	—	RNAV1
008	TF	IBURA	—	198 (190.0)	-7.5	11.3	—	—	—	—	RNAV1
009	TF	GULID	—	257 (249.8)	-7.5	8.2	—	—	—	—	RNAV1
010	TF	PORCO	—	257 (249.7)	-7.5	8.5	—	—	—	—	RNAV1
011	TF	REDEK	—	257 (249.6)	-7.5	21.9	—	+FL200	—	—	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	GULID	—	204 (196.9)	-7.5	12.6	—	—	—	—	RNAV1
008	TF	PORCO	—	257 (249.7)	-7.5	8.5	—	+11000	—	—	RNAV1
009	TF	REDEK	—	257 (249.6)	-7.5	21.9	—	+FL200	—	—	RNAV1

CHANGE : ALT Restriction on A4R23.

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

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	GULID	353921.3N / 1402830.3E
A4R22	355734.5N / 1402150.1E	IBURA	354212.1N / 1403759.5E
A4R23	355638.8N / 1402614.7E	KUJYU	352104.0N / 1402719.8E
A6L21	353137.9N / 1403441.9E	PAGOT	354039.6N / 1402139.4E
A6R12	352543.5N / 1403700.7E	PORCO	353624.3N / 1401843.5E
AA631	353619.9N / 1404431.9E	PEGAS	355126.3N / 1403302.1E
AA632	354446.7N / 1403828.9E	REDEK	352844.1N / 1395333.8E
ACURE	354535.6N / 1402732.3E	ROONY	355317.4N / 1404024.4E

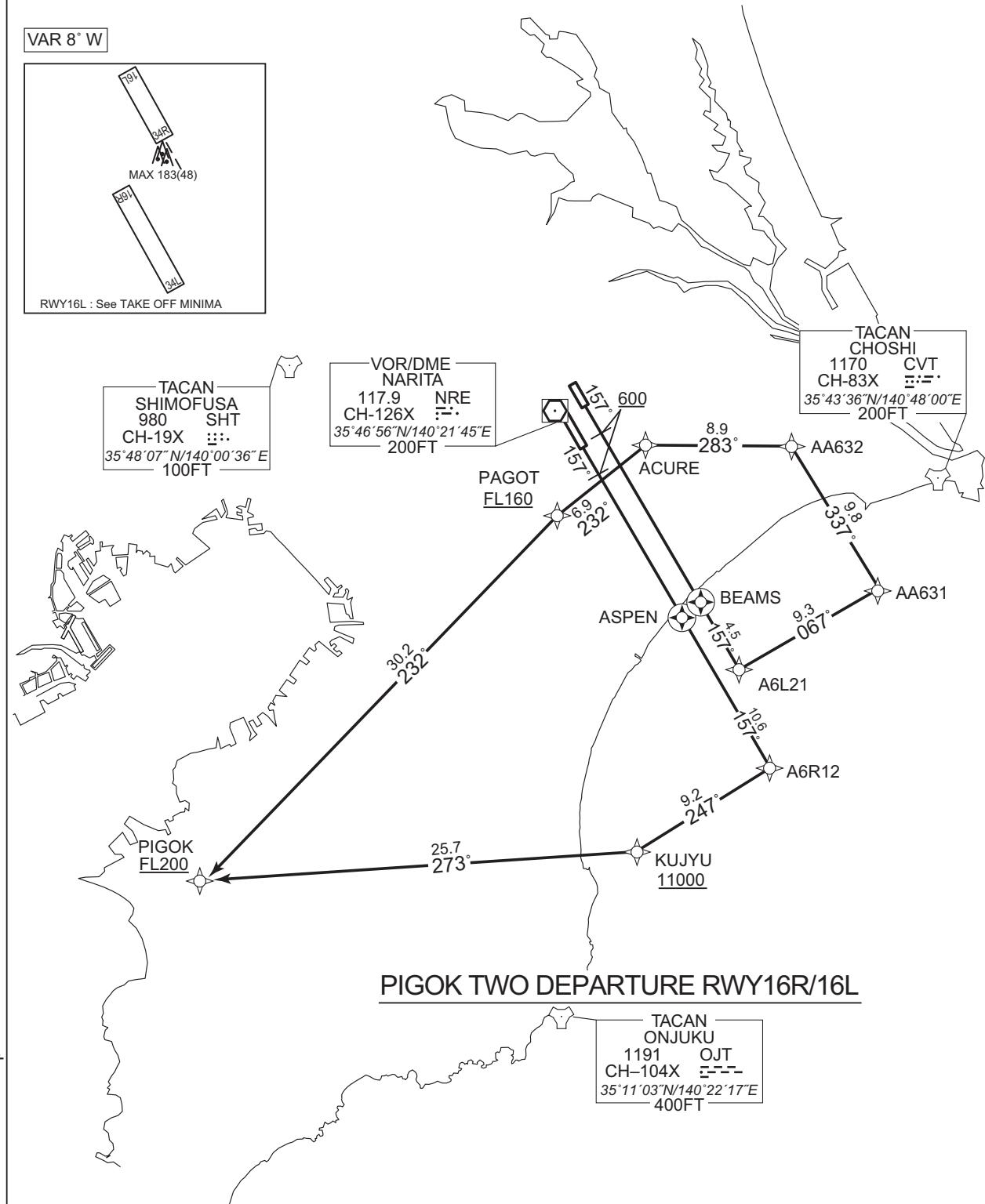
CHANGE : New PROC

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

PIGOK 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



STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

PIGOK TWO DEPARTURE

RWY16R : Climb on HDG 157° at or above 600FT, direct to ASPEN, to A6R12, to KUJYU at or above 11000FT, to PIGOK at or above FL200.

RWY16L : Climb on HDG 157° at or above 600FT, direct to BEAMS, to A6L21, to AA631, to AA632, to ACURE, to PAGOT at or above FL160, to PIGOK at or above FL200.

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 at or above 13000FT, to IBURA, to ADRIA, to ROSSO, to PIGOK at or above FL200.

RWY34R : Climb on HDG 337° at or above 600FT, direct to BOXER, to A4R21, to A4R22, to A4R23, to PEGAS, to GULID, to ROSSO at or above 11000FT, to PIGOK at or above FL200.

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	KUJYU	—	247 (239.5)	-7.5	9.2	—	+11000	—	—	RNAV1
005	TF	PIGOK	—	273 (265.3)	-7.5	25.7	—	+FL200	—	—	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	AA631	—	067 (059.5)	-7.5	9.3	—	—	—	—	RNAV1
005	TF	AA632	—	337 (329.8)	-7.5	9.8	—	—	—	—	RNAV1
006	TF	ACURE	—	283 (275.3)	-7.5	8.9	—	—	—	—	RNAV1
007	TF	PAGOT	—	232 (224.1)	-7.5	6.9	—	+FL160	—	—	RNAV1
008	TF	PIGOK	—	232 (224.0)	-7.5	30.2	—	+FL200	—	—	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	—	+13000	—	—	RNAV1
008	TF	IBURA	—	198 (190.0)	-7.5	11.3	—	—	—	—	RNAV1
009	TF	ADRIA	—	197 (189.9)	-7.5	11.4	—	—	—	—	RNAV1
010	TF	ROSSO	—	257 (249.8)	-7.5	10.0	—	—	—	—	RNAV1
011	TF	PIGOK	—	257 (249.6)	-7.5	24.5	—	+FL200	—	—	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	GULID	—	204 (196.9)	-7.5	12.6	—	—	—	—	RNAV1
008	TF	ROSSO	—	204 (196.9)	-7.5	12.4	—	+11000	—	—	RNAV1
009	TF	PIGOK	—	257 (249.6)	-7.5	24.5	—	+FL200	—	—	RNAV1

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

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	GULID	353921.3N / 1402830.3E
A4R22	355734.5N / 1402150.1E	IBURA	354212.1N / 1403759.5E
A4R23	355638.8N / 1402614.7E	KUJYU	352104.0N / 1402719.8E
A6L21	353137.9N / 1403441.9E	PAGOT	354039.6N / 1402139.4E
A6R12	352543.5N / 1403700.7E	PEGAS	355126.3N / 1403302.1E
AA631	353619.9N / 1404431.9E	PIGOK	351854.3N / 1395555.6E
AA632	354446.7N / 1403828.9E	ROONY	355317.4N / 1404024.4E
ACURE	354535.6N / 1402732.3E	ROSSO	352729.0N / 1402404.4E
ADRIA	353056.8N / 1403534.3E		

CHANGE : New PROC

STANDARD DEPARTURE CHART -INSTRUMENT

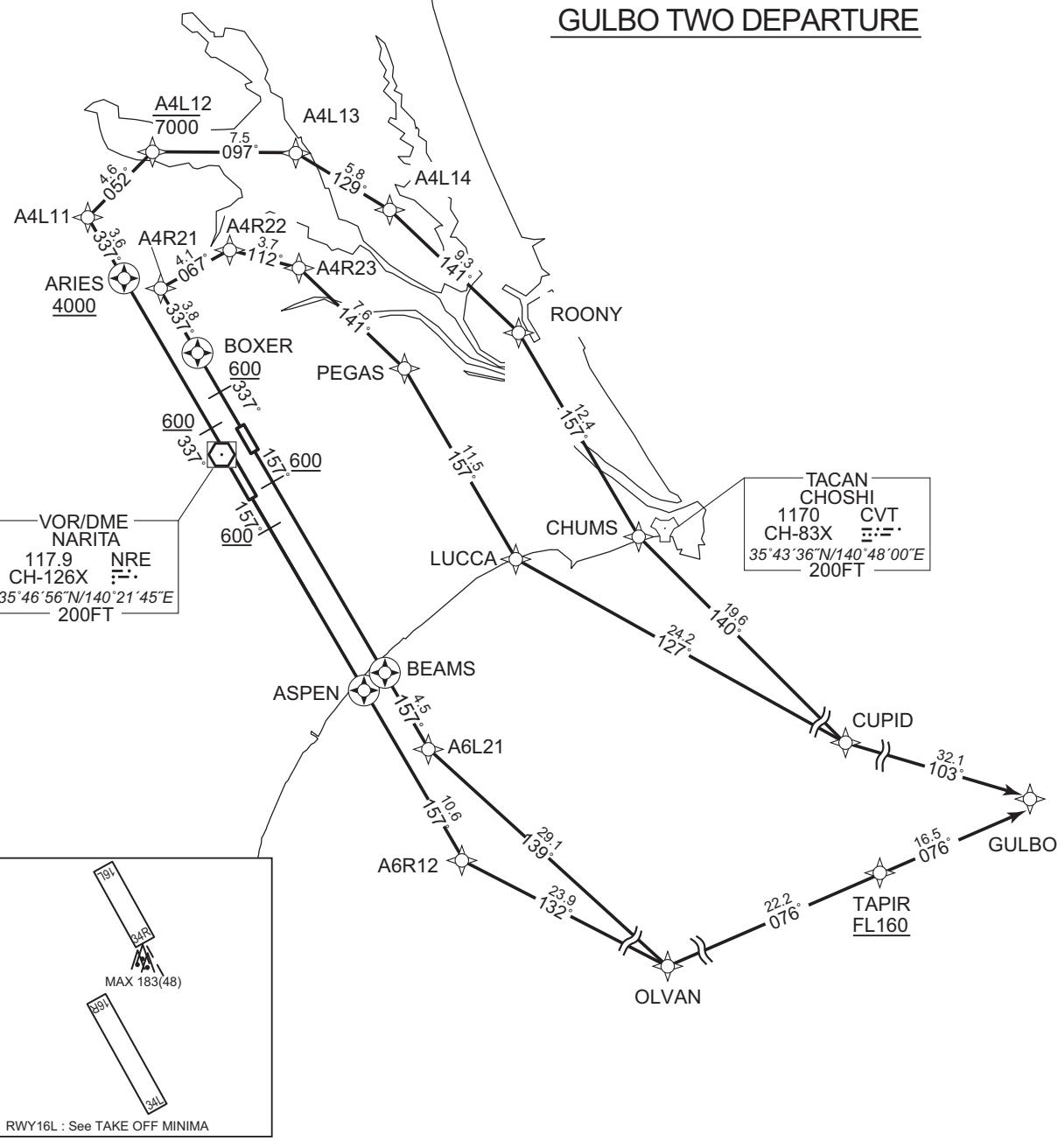
RJAA / NARITA INTL

RNAV SID

GULBO 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.	Critical DME	RWY16R:TLD DER – 1.3NM FM DER RWY16L:TLD DER – 3.4NM FM DER
2) RADAR service required.	DME GAP	RWY34L :DER – 1.3NM FM DER
	Inappropriate Navaids	See AD1.1.6.10.3.Inappropriate NAVAIDs for RNAV1

VAR 8° W

GULBO TWO DEPARTURE



CHANGE : Description of VAR.

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

GULBO TWO DEPARTURE

RWY16R : Climb on HDG 157° at or above 600FT, direct to ASPEN, to A6R12, to OLVAN, to TAPIR at or above FL160, to GULBO.

RWY16L : Climb on HDG 157° at or above 600FT, direct to BEAMS, to A6L21, to OLVAN, to TAPIR at or above FL160, to GULBO.

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 CUPID, to GULBO.

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

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
005	TF	TAPIR	—	076 (068.0)	-7.5	22.2	—	+FL160	—	—	RNAV1
006	TF	GULBO	—	076 (068.3)	-7.5	16.5	—	—	—	—	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
005	TF	TAPIR	—	076 (068.0)	-7.5	22.2	—	+FL160	—	—	RNAV1
006	TF	GULBO	—	076 (068.3)	-7.5	16.5	—	—	—	—	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	CUPID	—	140 (132.0)	-7.5	19.6	—	—	—	—	RNAV1
010	TF	GULBO	—	103 (095.1)	-7.5	32.1	—	—	—	—	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	CUPID	—	127 (119.8)	-7.5	24.2	—	—	—	—	RNAV1
009	TF	GULBO	—	103 (095.1)	-7.5	32.1	—	—	—	—	RNAV1

CHANGE : ALT Restriction on A4R23.

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
A4L11	355915.6N / 1401249.1E	BEAMS	353533.0N / 1403153.1E
A4L12	360232.6N / 1401646.8E	BOXER	355213.0N / 1401951.6E
A4L13	360236.7N / 1402559.7E	CHUMS	354237.0N / 1404806.0E
A4L14	355937.8N / 1403205.0E	CUPID	352930.3N / 1410557.3E
A4R21	355529.4N / 1401729.2E	GULBO	352632.9N / 1414509.6E
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
ARIES	355607.4N / 1401505.9E	TAPIR	352028.5N / 1412621.9E
ASPEN	353451.0N / 1403028.1E		

CHANGE : New PROC

STANDARD DEPARTURE CHART -INSTRUMENT

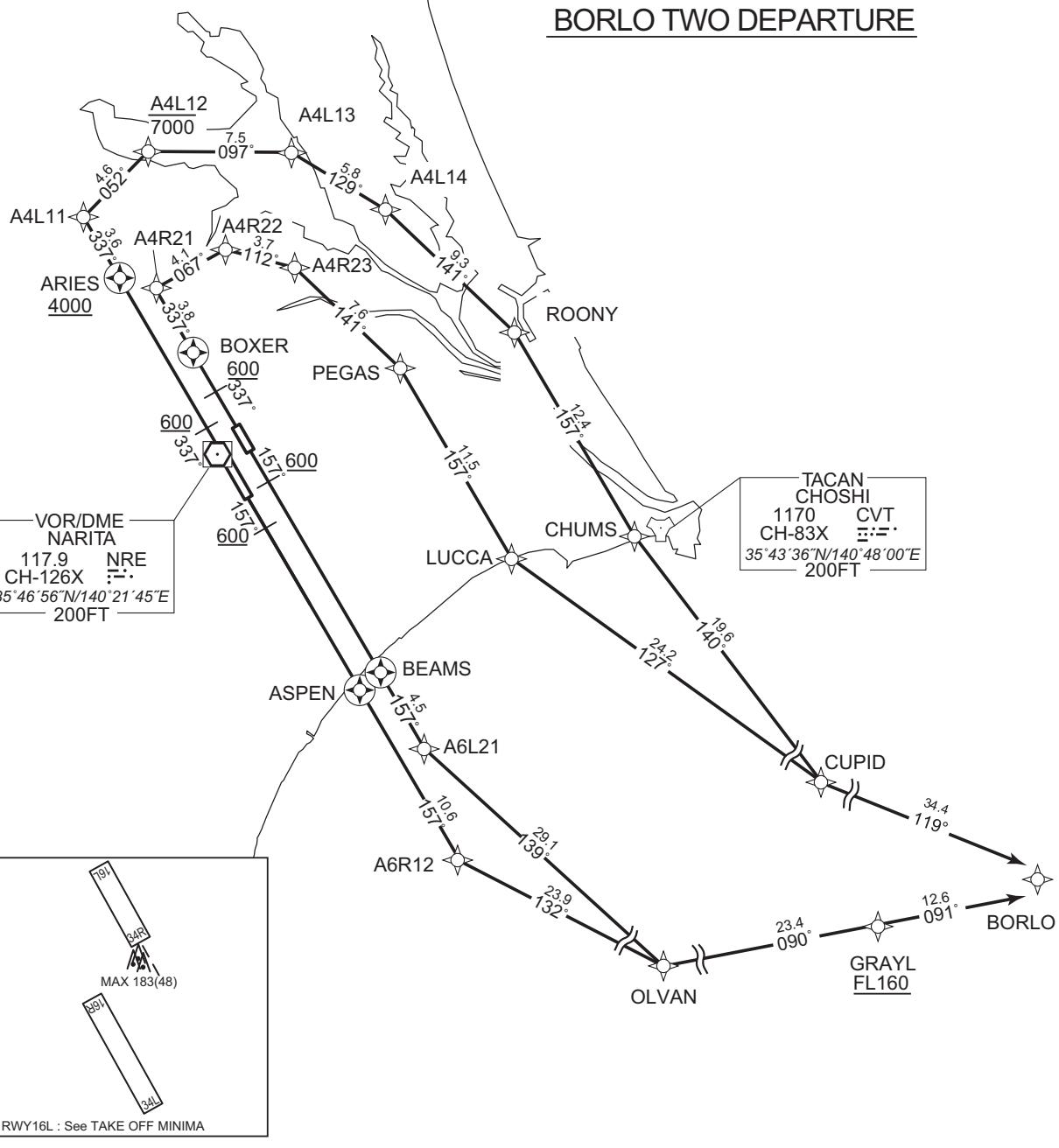
RJAA / NARITA INTL

RNAV SID

BORLO 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.	Critical DME	RWY16R:TLD DER – 1.3NM FM DER RWY16L:TLD DER – 3.4NM FM DER
2) RADAR service required.	DME GAP	RWY34L :DER – 1.3NM FM DER
	Inappropriate Navaids	See AD1.1.6.10.3.Inappropriate NAVAIDs for RNAV1

VAR 8° W

BORLO TWO DEPARTURE



CHANGE : Description of VAR.

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

BORLO TWO DEPARTURE

RWY16R : Climb on HDG 157° at or above 600FT, direct to ASPEN, to A6R12, to OLVAN, to GRAYL at or above FL160, to BORLO.

RWY16L : Climb on HDG 157° at or above 600FT, direct to BEAMS, to A6L21, to OLVAN, to GRAYL at or above FL160, to BORLO.

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 CUPID, to BORLO.

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

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
005	TF	GRAYL	—	090 (082.9)	-7.5	23.4	—	+FL160	—	—	RNAV1
006	TF	BORLO	—	091 (083.2)	-7.5	12.6	—	—	—	—	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
005	TF	GRAYL	—	090 (082.9)	-7.5	23.4	—	+FL160	—	—	RNAV1
006	TF	BORLO	—	091 (083.2)	-7.5	12.6	—	—	—	—	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	CUPID	—	140 (132.0)	-7.5	19.6	—	—	—	—	RNAV1
010	TF	BORLO	—	119 (111.9)	-7.5	34.4	—	—	—	—	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	CUPID	—	127 (119.8)	-7.5	24.2	—	—	—	—	RNAV1
009	TF	BORLO	—	119 (111.9)	-7.5	34.4	—	—	—	—	RNAV1

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
A4L11	355915.6N / 1401249.1E	BEAMS	353533.0N / 1403153.1E
A4L12	360232.6N / 1401646.8E	BORLO	351633.8N / 1414455.6E
A4L13	360236.7N / 1402559.7E	BOXER	355213.0N / 1401951.6E
A4L14	355937.8N / 1403205.0E	CHUMS	354237.0N / 1404806.0E
A4R21	355529.4N / 1401729.2E	CUPID	352930.3N / 1410557.3E
A4R22	355734.5N / 1402150.1E	GRAYL	351504.8N / 1412938.0E
A4R23	355638.8N / 1402614.7E	LUCCA	354132.8N / 1404011.4E
A6L21	353137.9N / 1403441.9E	OLVAN	351214.1N / 1410111.3E
A6R12	352543.5N / 1403700.7E	PEGAS	355126.3N / 1403302.1E
ARIES	355607.4N / 1401505.9E	ROONY	355317.4N / 1404024.4E
ASPEN	353451.0N / 1403028.1E		

CHANGE : New PROC

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID



STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

PEDLA ONE DEPARTURE

RWY16R : Climb on HDG 157° at or above 600FT, direct to ASPEN, to A6R11, to DAITO, to PEDLA.

RWY16L : Climb on HDG 157° at or above 600FT, direct to BEAMS, to A6L21, to DAITO, to PEDLA.

RWY34L : Climb on HDG 337° at or above 600FT, direct to ASTRA, turn left direct to AA433, to DAITO, to PEDLA.

RWY34R : Climb on HDG 337° at or above 600FT, direct to BOXER, turn left direct to AA433, to DAITO, to PEDLA.

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	—	—	157 (149.6)	-7.5	—	—	+600	—	—	RNAV1
002	DF	ASPEN	Y	—	-7.5	—	—	—	—	—	RNAV1
003	TF	A6R11	—	157 (149.7)	-7.5	4.5	—	—	—	—	RNAV1
004	TF	DAITO	—	201 (193.3)	-7.5	9.3	—	—	—	—	RNAV1
005	TF	PEDLA	—	161 (153.9)	-7.5	44.3	—	—	—	—	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	—	—	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	DAITO	—	206 (198.7)	-7.5	10.3	—	—	—	—	RNAV1
005	TF	PEDLA	—	161 (153.9)	-7.5	44.3	—	—	—	—	RNAV1

CHANGE : New PROC

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID

RWY34L

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	ASTRA	Y	—	-7.5	—	—	—	—	—	RNAV1
003	DF	AA433	—	—	-7.5	—	L	—	—	—	RNAV1
004	TF	DAITO	—	161 (153.9)	-7.5	25.3	—	—	—	—	RNAV1
005	TF	PEDLA	—	161 (153.9)	-7.5	44.3	—	—	—	—	RNAV1

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	—	—	337 (329.6)	-7.5	—	—	+600	—	—	RNAV1
002	DF	BOXER	Y	—	-7.5	—	—	—	—	—	RNAV1
003	DF	AA433	—	—	-7.5	—	L	—	—	—	RNAV1
004	TF	DAITO	—	161 (153.9)	-7.5	25.3	—	—	—	—	RNAV1
005	TF	PEDLA	—	161 (153.9)	-7.5	44.3	—	—	—	—	RNAV1

Waypoint Coordinates

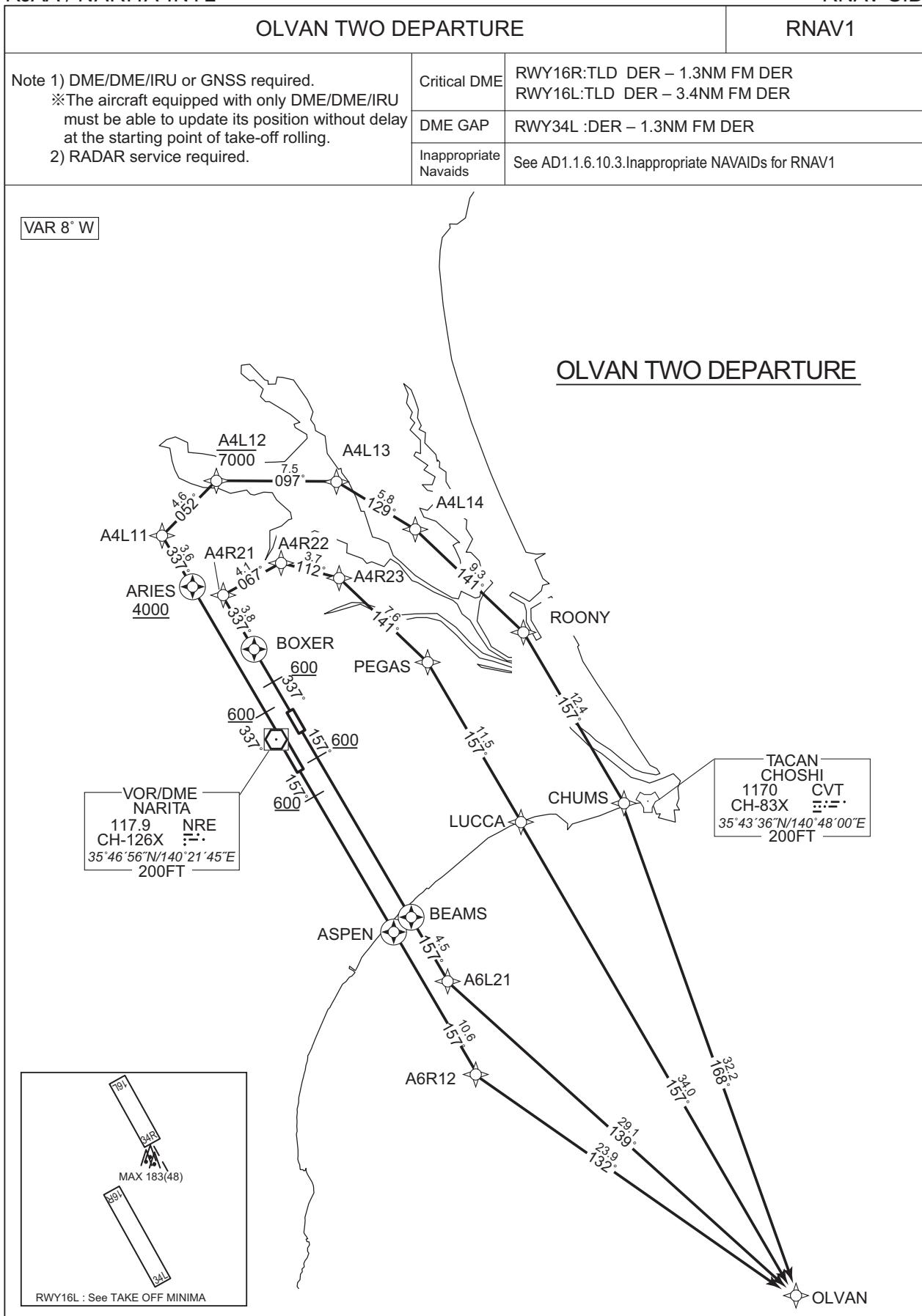
Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AA433	354438.5N / 1401700.8E	BEAMS	353533.0N / 1403153.1E
A6L21	353137.9N / 1403441.9E	BOXER	355213.0N / 1401951.6E
A6R11	353056.9N / 1403316.2E	DAITO	352153.6N / 1403039.0E
ASPEN	353451.0N / 1403028.1E	PEDLA	344203.7N / 1405420.5E
ASTRA	355207.1N / 1401800.2E		

CHANGE : New PROC

STANDARD DEPARTURE CHART -INSTRUMENT

RJAA / NARITA INTL

RNAV SID



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



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		

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STANDARD ARRIVAL CHART -INSTRUMENT

RJAA / NARITA INTL

STAR

BOSPA SOUTH ALFA ARRIVAL

From over BOSPA, via NRE R095 to SIMAK, via NRE 21.0DME clockwise ARC to intercept and proceed via NRE R157 to GIINA.
Cross BOSPA at or above 8000FT, cross GIINA at 4000FT.

BOSPA SOUTH BRAVO ARRIVAL

From over BOSPA, via NRE R095 to SIMAK, via NRE 21.0DME clockwise ARC to intercept and proceed via NRE R153 to TEMIS.
Cross BOSPA at or above 8000FT, cross TEMIS at or above 5000FT.

BINKS SOUTH ALFA ARRIVAL

From over BINKS, via HDG007° to intercept and proceed via NRE R157 to GIINA.
Cross GIINA at 4000FT.

BINKS SOUTH BRAVO ARRIVAL

From over BINKS, via HDG007° to intercept and proceed via NRE R153 to TEMIS.
Cross TEMIS at or above 5000FT.

SWAMP SOUTH ALFA ARRIVAL

From over SWAMP, via NRE R022 to DANTE, via NRE 21.0DME clockwise ARC to intercept and proceed via NRE R157 to GIINA via SIMAK.
Cross DANTE at or above 11000FT, cross SIMAK at or above 9000FT, cross GIINA at 4000FT.

SWAMP SOUTH BRAVO ARRIVAL

From over SWAMP, via NRE R022 to DANTE, via NRE 21.0DME clockwise ARC to intercept and proceed via NRE R153 to TEMIS via SIMAK.
Cross DANTE at or above 11000FT, cross SIMAK at or above 9000FT, cross TEMIS at or above 5000FT.

CHANGE : BOSPA SOUTH ALFA/BRAVO ARRIVAL established. ABBOT SOUTH ALFA/BRAVO ARRIVAL abolished.
BINKS SOUTH BRAVO ARRIVAL. SWAMP SOUTH ALFA/BRAVO ARRIVAL.

STANDARD ARRIVAL CHART -INSTRUMENT

CHANGE : BOSPA SOUTH ALFA/BRAVO ARRIVAL established. **ABBOT SOUTH ALFA/BRAVO ARRIVAL** abolished.
BINKS SOUTH BRAVO ARRIVAL. **SWAMP SOUTH ALFA/BRAVO ARRIVAL HOKUSO VOR/DME(HKE)** abolished.



STANDARD ARRIVAL CHART -INSTRUMENT

RJAA / NARITA INTL

STAR

BOSPA NORTH ARRIVAL

From over BOSPA, via NRE R095 to intercept and proceed via NRE 12.8DME counterclockwise ARC to LAKES.

Cross BOSPA at or above 8000FT, cross LAKES at or above 6000FT.

BINKS NORTH ARRIVAL

From over BINKS, via NRE R160 to intercept and proceed via NRE 21.0DME counterclockwise ARC to SIMAK, via NRE R095 to intercept and proceed via NRE 12.8DME counterclockwise ARC to LAKES.

Cross LAKES at or above 6000FT.

LAKES NORTH ARRIVAL

From over SWAMP, via NRE R022 to DANTE, via NRE 21.0DME clockwise ARC to SIMAK, via NRE R095 to intercept and proceed via NRE 12.8DME counterclockwise ARC to LAKES.

Cross DANTE at or above 11000FT, cross SIMAK at or above 9000FT, cross LAKES at or above 6000FT.

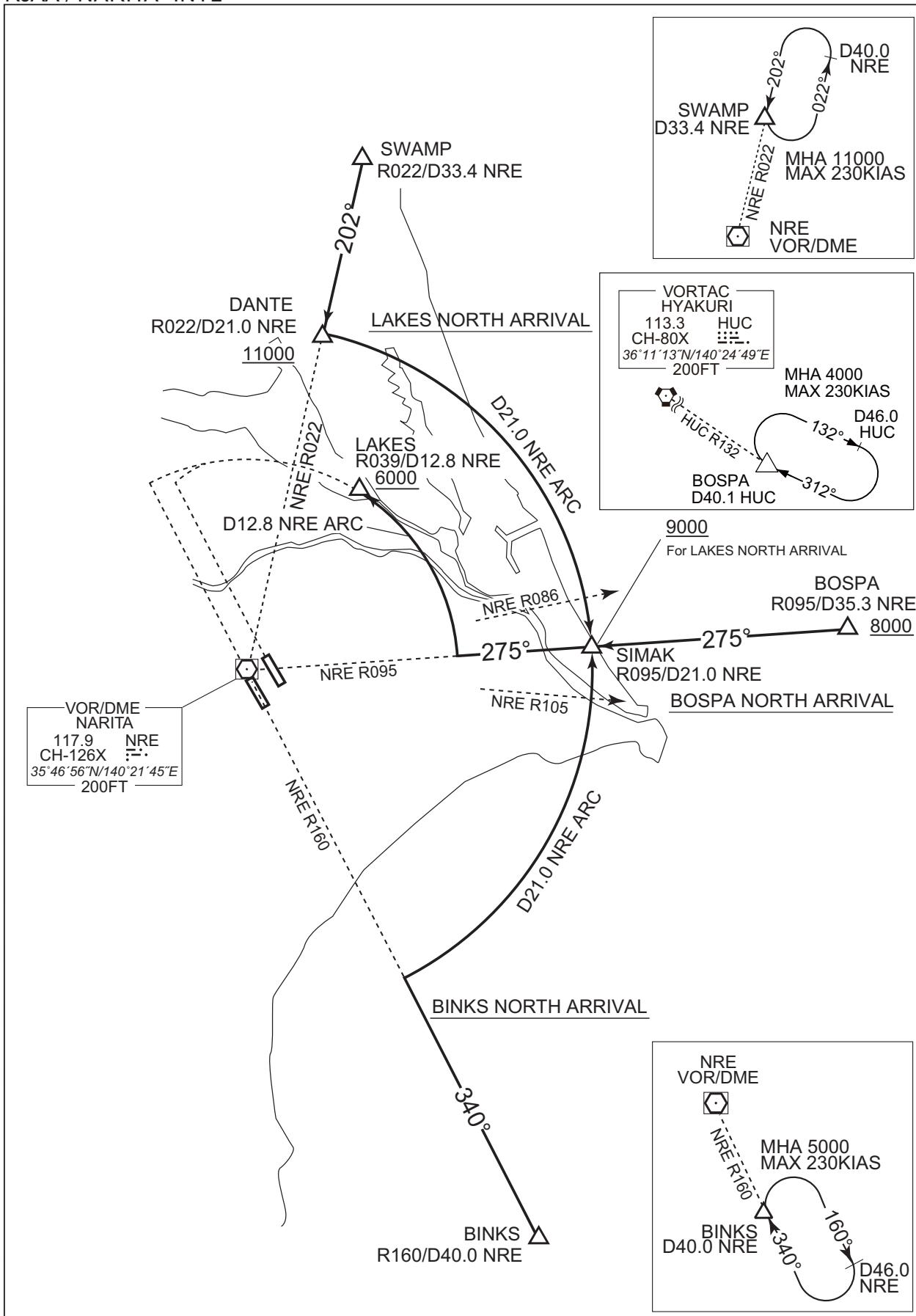
CHANGE : BOSPA NORTH ARRIVAL established. ABBOT NORTH ARRIVAL abolished. BINKS NORTH ARRIVAL abolished. LAKES NORTH ARRIVAL.

STANDARD ARRIVAL CHART -INSTRUMENT

RJAA / NARITA INTL

STAR RWY16R/16L

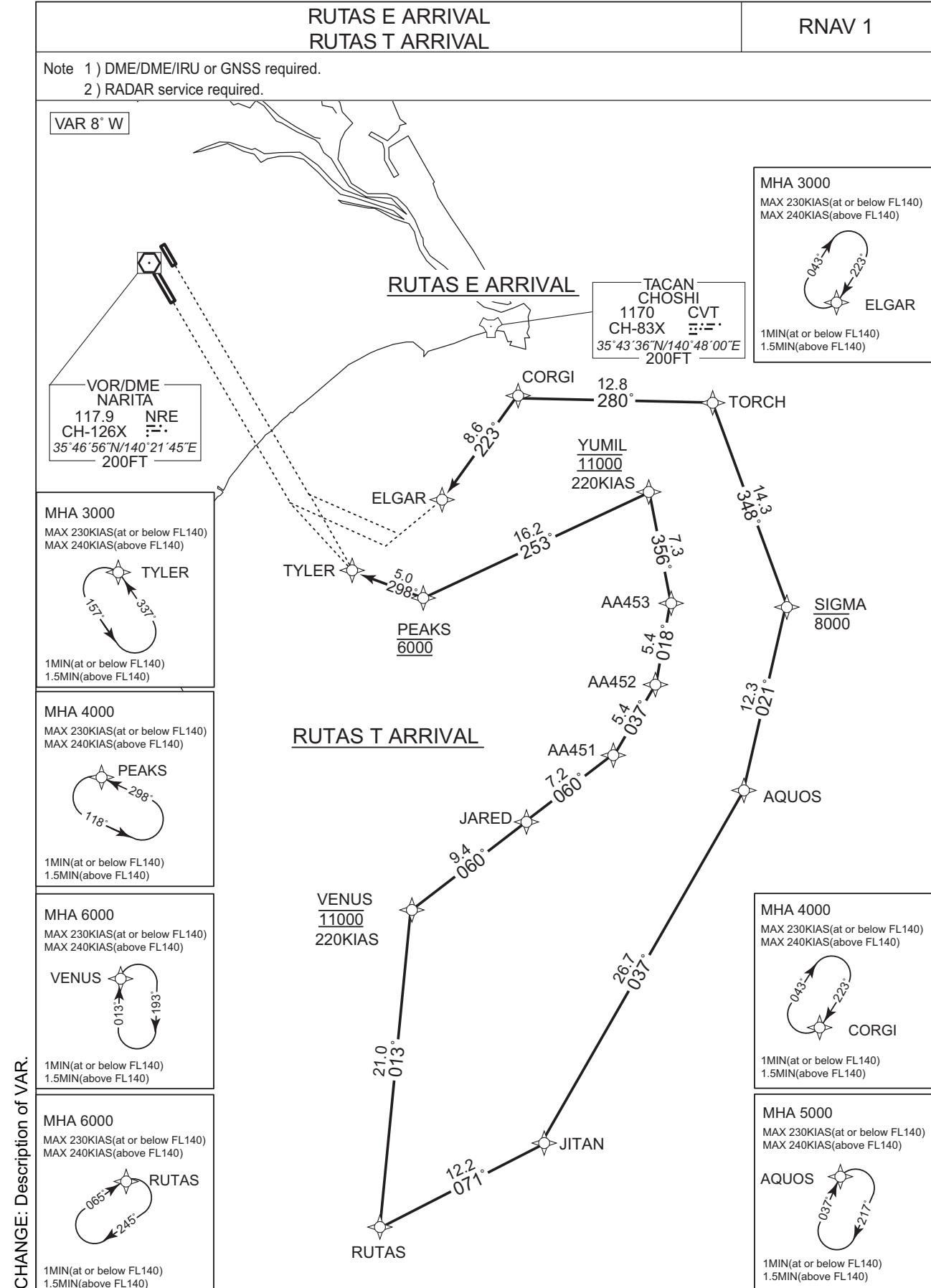
CHANGE : BOSPA NORTH ARRIVAL. HOKUSO VOR/DME(HKE) abolished. BINKS NORTH ARRIVAL.



STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R



STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

RUTAS E ARRIVAL

From RUTAS, to JITAN, to AQUOS, to SIGMA at or below 8000FT, to TORCH, to CORGI, to ELGAR.

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	RUTAS	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	JITAN	-	071 (063.5)	-7.5	12.2	-	-	-	-	RNAV1
003	TF	AQUOS	-	037 (029.1)	-7.5	26.7	-	-	-	-	RNAV1
004	TF	SIGMA	-	021 (013.8)	-7.5	12.3	-	-8000	-	-	RNAV1
005	TF	TORCH	-	348 (340.3)	-7.5	14.3	-	-	-	-	RNAV1
006	TF	CORGİ	-	280 (272.8)	-7.5	12.8	-	-	-	-	RNAV1
007	TF	ELGAR	-	223 (215.7)	-7.5	8.6	-	-	-	-	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	RUTAS	065 (057.9)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	AQUOS	037 (029.1)	-7.5	1.0(-14000) 1.5(+14001)	-	R	5000	-	-230(-14000) -240(+14001)	RNAV1
Hold	CORGİ	223 (215.8)	-7.5	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	ELGAR	223 (215.7)	-7.5	1.0(-14000) 1.5(+14001)	-	R	3000	-	-230(-14000) -240(+14001)	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

RUTAS T ARRIVAL

From RUTAS, to VENUS at 11000FT, to JARED, to AA451, to AA452, to AA453, to YUMIL at 11000FT, to PEAKS at 6000FT, to TYLER.

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	RUTAS	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	VENUS	-	013 (005.8)	-7.5	21.0	-	11000	220	-	RNAV1
003	TF	JARED	-	060 (052.3)	-7.5	9.4	-	-	-	-	RNAV1
004	TF	AA451	-	060 (052.1)	-7.5	7.2	-	-	-	-	RNAV1
005	TF	AA452	-	037 (029.7)	-7.5	5.4	-	-	-	-	RNAV1
006	TF	AA453	-	018 (010.7)	-7.5	5.4	-	-	-	-	RNAV1
007	TF	YUMIL	-	356 (348.2)	-7.5	7.3	-	11000	220	-	RNAV1
008	TF	PEAKS	-	253 (245.0)	-7.5	16.2	-	6000	-	-	RNAV1
009	TF	TYLER	-	298 (290.2)	-7.5	5.0	-	-	-	-	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	RUTAS	065 (057.9)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	VENUS	013 (005.8)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	PEAKS	298 (290.2)	-7.5	1.0(-14000) 1.5(+14001)	-	L	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	TYLER	337 (329.8)	-7.5	1.0(-14000) 1.5(+14001)	-	L	3000	-	-230(-14000) -240(+14001)	RNAV1

CHANGE: JARED renamed. HLDG Pattern (PEAKS) established.

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AA451	351449.2N / 1405911.3E	PEAKS	352507.2N / 1404352.7E
AA452	351930.7N / 1410228.5E	RUTAS	344349.3N / 1404034.2E
AA453	352449.7N / 1410342.2E	SIGMA	352425.5N / 1411318.3E
AQUOS	351229.7N / 1410942.5E	TORCH	353752.8N / 1410721.7E
CORGİ	353829.8N / 1405138.9E	TYLER	352650.5N / 1403807.8E
ELGAR	353129.2N / 1404527.4E	VENUS	350440.1N / 1404309.7E
JARED	351024.8N / 1405215.4E	YUMIL	353158.6N / 1410151.7E
JITAN	344914.2N / 1405349.3E		

CHANGE: JARED renamed

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

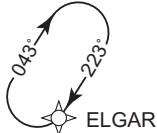
SWAMP E ARRIVAL
SWAMP T ARRIVAL

RNAV 1

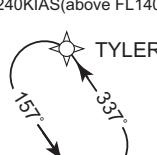
- Note 1) DME/DME/IRU or GNSS required.
2) RADAR service required.

VAR 8° W

MHA 3000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)

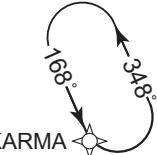


MHA 3000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)



1MIN(at or below FL140)
1.5MIN(above FL140)

MHA 6000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)



1MIN(at or below FL140)
1.5MIN(above FL140)

MHA 4000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)



1MIN(at or below FL140)
1.5MIN(above FL140)

SWAMP E ARRIVAL
SWAMP T ARRIVAL

MHA 11000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)

SWAMP

1MIN(at or below FL140)
1.5MIN(above FL140)

SWAMP E ARRIVAL

VOR/DME
NARITA
117.9
CH-126X
35°46'56"N/140°21'45"E
200FT

TACAN
CHOSHI
1170
CH-83X
35°43'36"N/140°48'00"E
200FT

NRE
CVT
UNARI

MIFFY
9000
168°
12.6
168°

KARMA
6000 (for SWAMP E
ARRIVAL only)

DREAM
10000
220KIAS

MCGEE

AA455

AA456

AA457

PEAKS
6000

HYDRA
10000
220KIAS

PLEIA

1MIN(at or below FL140)
1.5MIN(above FL140)

CHANGE: Description of VAR.

SWAMP T ARRIVAL

MHA 4000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)

PEAKS
298°
718°

1MIN(at or below FL140)
1.5MIN(above FL140)

MHA 9000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)

PLEIA
327°
147°

1MIN(at or below FL140)
1.5MIN(above FL140)

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

SWAMP E ARRIVAL

From SWAMP, to VIXEN at or above 11000FT, to PLEIA, to MIFFY at or above 9000FT, to KARMA at or above 6000FT, to UNARI, to CORGI, to ELGAR.

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	SWAMP	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	VIXEN	-	140 (133.0)	-7.5	8.3	-	+11000	-	-	RNAV1
003	TF	PLEIA	-	141 (133.0)	-7.5	8.8	-	-	-	-	RNAV1
004	TF	MIFFY	-	168 (160.3)	-7.5	5.4	-	+9000	-	-	RNAV1
005	TF	KARMA	-	168 (160.3)	-7.5	12.6	-	+6000	-	-	RNAV1
006	TF	UNARI	-	168 (160.4)	-7.5	5.8	-	-	-	-	RNAV1
007	TF	CORGI	-	223 (215.8)	-7.5	8.3	-	-	-	-	RNAV1
008	TF	ELGAR	-	223 (215.7)	-7.5	8.6	-	-	-	-	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	SWAMP	205 (197.0)	-7.5	1.0(-14000) 1.5(+14001)	-	L	11000	-	-230(-14000) -240(+14001)	RNAV1
Hold	PLEIA	141 (133.1)	-7.5	1.0(-14000) 1.5(+14001)	-	R	9000	-	-230(-14000) -240(+14001)	RNAV1
Hold	KARMA	168 (160.3)	-7.5	1.0(-14000) 1.5(+14001)	-	L	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	CORGI	223 (215.8)	-7.5	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	ELGAR	223 (215.7)	-7.5	1.0(-14000) 1.5(+14001)	-	R	3000	-	-230(-14000) -240(+14001)	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

SWAMP T ARRIVAL

From SWAMP, to VIXEN at or above 11000FT, to PLEIA, to KARMA, to DREAM at 10000FT, to MCGEE, to AA455, to AA456, to AA457, to HYDRA at 10000FT, to PEAKS at 6000FT, to TYLER.

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	SWAMP	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	VIXEN	-	140 (133.0)	-7.5	8.3	-	+11000	-	-	RNAV1
003	TF	PLEIA	-	141 (133.0)	-7.5	8.8	-	-	-	-	RNAV1
004	TF	KARMA	-	168 (160.3)	-7.5	17.9	-	-	-	-	RNAV1
005	TF	DREAM	-	168 (160.4)	-7.5	12.6	-	10000	220	-	RNAV1
006	TF	MCGEE	-	168 (160.4)	-7.5	6.8	-	-	-	-	RNAV1
007	TF	AA455	-	176 (168.2)	-7.5	7.9	-	-	-	-	RNAV1
008	TF	AA456	-	198 (190.7)	-7.5	5.8	-	-	-	-	RNAV1
009	TF	AA457	-	217 (209.8)	-7.5	5.8	-	-	-	-	RNAV1
010	TF	HYDRA	-	240 (232.1)	-7.5	7.7	-	10000	220	-	RNAV1
011	TF	PEAKS	-	343 (335.1)	-7.5	17.4	-	6000	-	-	RNAV1
012	TF	TYLER	-	298 (290.2)	-7.5	5.0	-	-	-	-	RNAV1

CHANGE: MCGEE renamed. HLDG Pattern (PEAKS) established.

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	SWAMP	205 (197.0)	-7.5	1.0(-14000) 1.5(+14001)	-	L	11000	-	-230(-14000) -240(+14001)	RNAV1
Hold	PLEIA	141 (133.1)	-7.5	1.0(-14000) 1.5(+14001)	-	R	9000	-	-230(-14000) -240(+14001)	RNAV1
Hold	KARMA	168 (160.3)	-7.5	1.0(-14000) 1.5(+14001)	-	L	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	PEAKS	298 (290.2)	-7.5	1.0(-14000) 1.5(+14001)	-	L	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	TYLER	337 (329.8)	-7.5	1.0(-14000) 1.5(+14001)	-	L	3000	-	-230(-14000) -240(+14001)	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

Waypoint Coordinates

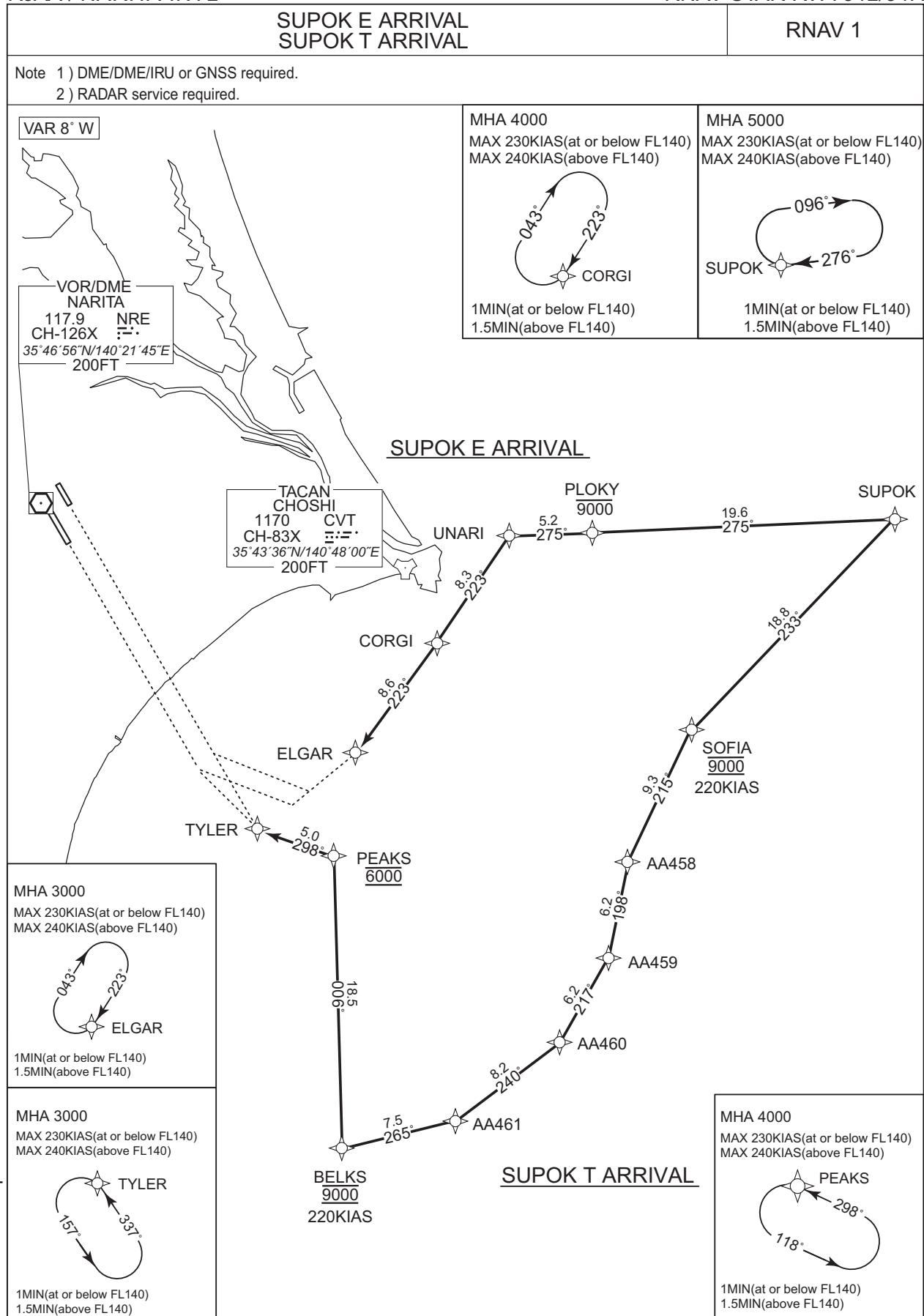
Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AA455	352448.3N / 1410510.3E	MCGEE	353229.0N / 1410311.8E
AA456	351905.7N / 1410351.0E	MIFFY	360232.1N / 1404959.5E
AA457	351403.4N / 1410019.2E	PEAKS	352507.2N / 1404352.7E
CORGI	353829.8N / 1405138.9E	PLEIA	360734.8N / 1404745.4E
DREAM	353853.3N / 1410023.9E	SWAMP	361914.4N / 1403217.0E
ELGAR	353129.2N / 1404527.4E	TYLER	352650.5N / 1403807.8E
HYDRA	350919.4N / 1405252.5E	UNARI	354513.8N / 1405737.1E
KARMA	355042.9N / 1405512.4E	VIXEN	361335.9N / 1403947.1E

CHANGE : MCGEE renamed

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R



CHANGE: Description of VAR.

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

SUPOK E ARRIVAL

From SUPOK, to PLOKY at or below 9000FT, to UNARI, to CORGI, to ELGAR.

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	SUPOK	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	PLOKY	-	275 (267.9)	-7.5	19.6	-	-9000	-	-	RNAV1
003	TF	UNARI	-	275 (267.4)	-7.5	5.2	-	-	-	-	RNAV1
004	TF	CORGI	-	223 (215.8)	-7.5	8.3	-	-	-	-	RNAV1
005	TF	ELGAR	-	223 (215.7)	-7.5	8.6	-	-	-	-	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	SUPOK	276 (268.6)	-7.5	1.0(-14000) 1.5(+14001)	-	R	5000	-	-230(-14000) -240(+14001)	RNAV1
Hold	CORGI	223 (215.8)	-7.5	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	ELGAR	223 (215.7)	-7.5	1.0(-14000) 1.5(+14001)	-	R	3000	-	-230(-14000) -240(+14001)	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

SUPOK T ARRIVAL

From SUPOK, to SOFIA at 9000FT, to AA458, to AA459, to AA460, to AA461, to BELKS at 9000FT, to PEAKS at 6000FT, to TYLER.

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	SUPOK	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	SOFIA	-	233 (225.2)	-7.5	18.8	-	9000	220	-	RNAV1
003	TF	AA458	-	215 (207.2)	-7.5	9.3	-	-	-	-	RNAV1
004	TF	AA459	-	198 (190.7)	-7.5	6.2	-	-	-	-	RNAV1
005	TF	AA460	-	217 (209.8)	-7.5	6.2	-	-	-	-	RNAV1
006	TF	AA461	-	240 (232.2)	-7.5	8.2	-	-	-	-	RNAV1
007	TF	BELKS	-	265 (257.8)	-7.5	7.5	-	9000	220	-	RNAV1
008	TF	PEAKS	-	006 (358.3)	-7.5	18.5	-	6000	-	-	RNAV1
009	TF	TYLER	-	298 (290.2)	-7.5	5.0	-	-	-	-	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	SUPOK	276 (268.6)	-7.5	1.0(-14000) 1.5(+14001)	-	R	5000	-	-230(-14000) -240(+14001)	RNAV1
Hold	PEAKS	298 (290.2)	-7.5	1.0(-14000) 1.5(+14001)	-	L	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	TYLER	337 (329.8)	-7.5	1.0(-14000) 1.5(+14001)	-	L	3000	-	-230(-14000) -240(+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AA458	352446.9N / 1410638.5E	PEAKS	352507.2N / 1404352.7E
AA459	351840.7N / 1410513.6E	PLOKY	354528.3N / 1410402.3E
AA460	351317.5N / 1410127.0E	SOFIA	353300.1N / 1411149.9E
AA461	350814.0N / 1405329.6E	SUPOK	354614.1N / 1412810.0E
BELKS	350638.5N / 1404433.3E	TYLER	352650.5N / 1403807.8E
CORGI	353829.8N / 1405138.9E	UNARI	354513.8N / 1405737.1E
ELGAR	353129.2N / 1404527.4E		

CHANGE : HLDG Pattern (PEAKS) established

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

LUBLA E ARRIVAL

From LUBLA, to TORCH at or below 9000FT, to CORGI, to ELGAR.

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	LUBLA	—	—	-7.5	—	—	—	—	—	RNAV1
002	TF	TORCH	—	297 (289.5)	-7.5	15.9	—	-9000	—	—	RNAV1
003	TF	CORGI	—	280 (272.8)	-7.5	12.8	—	—	—	—	RNAV1
004	TF	ELGAR	—	223 (215.7)	-7.5	8.6	—	—	—	—	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	LUBLA	341 (333.9)	-7.5	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	CORGI	223 (215.8)	-7.5	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ELGAR	223 (215.7)	-7.5	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

LUBLA T ARRIVAL

From LUBLA, to SOFIA at 9000FT, to AA458, to AA459, to AA460, to AA461, to BELKS at 9000FT, to PEAKS at 6000FT, to TYLER.

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	LUBLA	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	SOFIA	-	280 (272.2)	-7.5	11.4	-	9000	220	-	RNAV1
003	TF	AA458	-	215 (207.2)	-7.5	9.3	-	-	-	-	RNAV1
004	TF	AA459	-	198 (190.7)	-7.5	6.2	-	-	-	-	RNAV1
005	TF	AA460	-	217 (209.8)	-7.5	6.2	-	-	-	-	RNAV1
006	TF	AA461	-	240 (232.2)	-7.5	8.2	-	-	-	-	RNAV1
007	TF	BELKS	-	265 (257.8)	-7.5	7.5	-	9000	220	-	RNAV1
008	TF	PEAKS	-	006 (358.3)	-7.5	18.5	-	6000	-	-	RNAV1
009	TF	TYLER	-	298 (290.2)	-7.5	5.0	-	-	-	-	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	LUBLA	341 (333.9)	-7.5	1.0(-14000) 1.5(+14001)	-	R	5000	-	-230(-14000) -240(+14001)	RNAV1
Hold	PEAKS	298 (290.2)	-7.5	1.0(-14000) 1.5(+14001)	-	L	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	TYLER	337 (329.8)	-7.5	1.0(-14000) 1.5(+14001)	-	L	3000	-	-230(-14000) -240(+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AA458	352446.9N / 1410638.5E	ELGAR	353129.2N / 1404527.4E
AA459	351840.7N / 1410513.6E	LUBLA	353235.0N / 1412550.8E
AA460	351317.5N / 1410127.0E	PEAKS	352507.2N / 1404352.7E
AA461	350814.0N / 1405329.6E	SOFIA	353300.1N / 1411149.9E
BELKS	350638.5N / 1404433.3E	TORCH	353752.8N / 1410721.7E
CORG	353829.8N / 1405138.9E	TYLER	352650.5N / 1403807.8E

STANDARD ARRIVAL CHART - INSTRUMENT

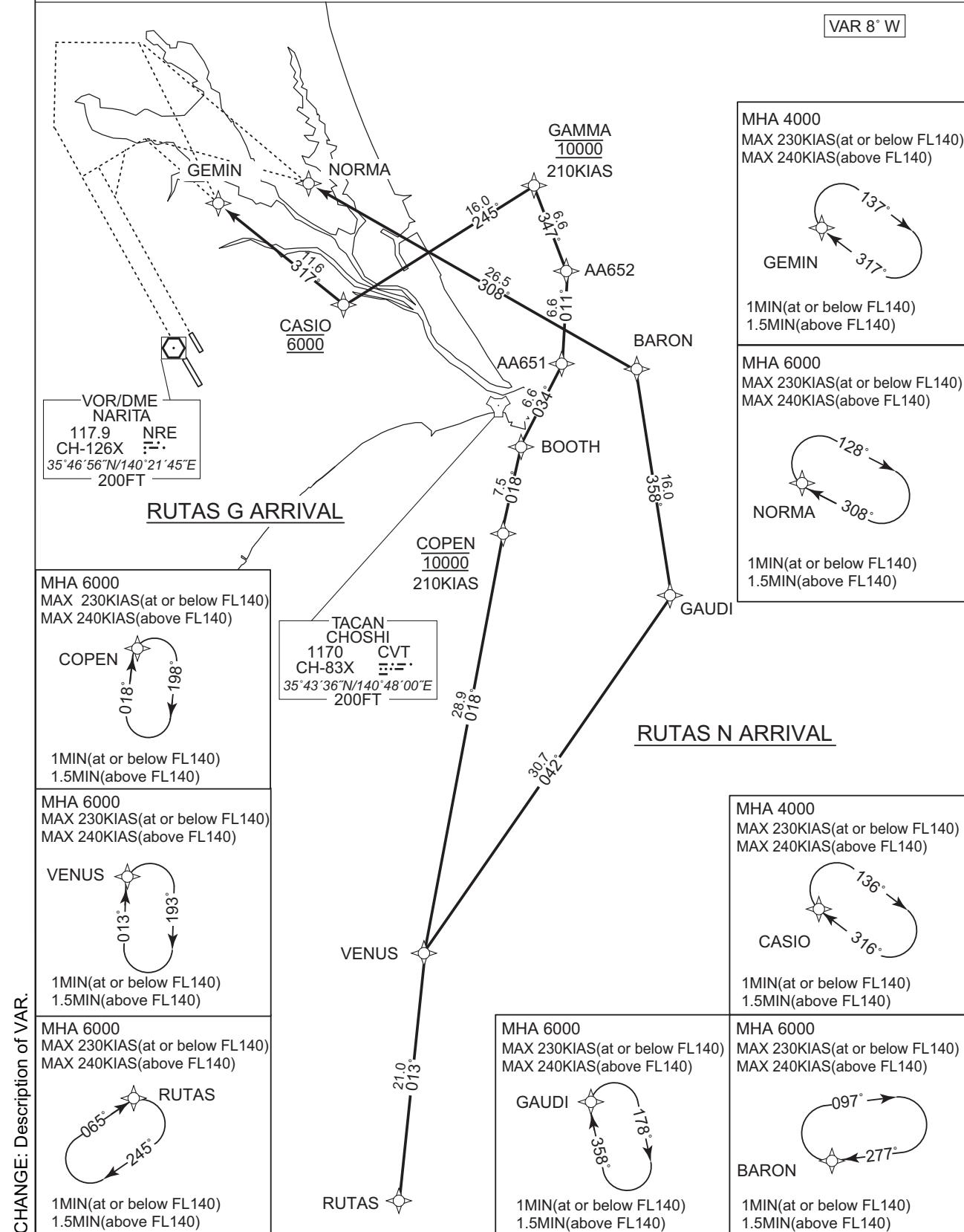
RJAA / NARITA INTL

RNAV STAR RWY16R/16L

RUTAS G ARRIVAL
RUTAS N ARRIVAL

RNAV 1

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



STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY16R/16L

RUTAS G ARRIVAL

From RUTAS, to VENUS, to COPEN at 10000FT, to BOOTH, to AA651, to AA652, to GAMMA at 10000FT, to CASIO at 6000FT, to GEMIN.

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	RUTAS	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	VENUS	-	013 (005.8)	-7.5	21.0	-	-	-	-	RNAV1
003	TF	COPEN	-	018 (010.5)	-7.5	28.9	-	10000	210	-	RNAV1
004	TF	BOOTH	-	018 (010.6)	-7.5	7.5	-	-	-	-	RNAV1
005	TF	AA651	-	034 (026.6)	-7.5	6.6	-	-	-	-	RNAV1
006	TF	AA652	-	011 (003.1)	-7.5	6.6	-	-	-	-	RNAV1
007	TF	GAMMA	-	347 (339.6)	-7.5	6.6	-	10000	210	-	RNAV1
008	TF	CASIO	-	245 (237.6)	-7.5	16.0	-	6000	-	-	RNAV1
009	TF	GEMIN	-	317 (309.1)	-7.5	11.6	-	-	-	-	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	RUTAS	065 (057.9)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	VENUS	013 (005.8)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	COPEN	018 (010.5)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	CASIO	316 (308.6)	-7.5	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	GEMIN	317 (309.1)	-7.5	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1

CHANGE : BOOTH renamed

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY16R/16L

RUTAS N ARRIVAL

From RUTAS, to VENUS, to GAUDI, to BARON, to NORMA.

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	RUTAS	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	VENUS	-	013 (005.8)	-7.5	21.0	-	-	-	-	RNAV1
003	TF	GAUDI	-	042 (034.1)	-7.5	30.7	-	-	-	-	RNAV1
004	TF	BARON	-	358 (351.0)	-7.5	16.0	-	-	-	-	RNAV1
005	TF	NORMA	-	308 (300.0)	-7.5	26.5	-	-	-	-	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	RUTAS	065 (057.9)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	VENUS	013 (005.8)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	GAUDI	358 (351.0)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	BARON	277 (270.0)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	NORMA	308 (300.0)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AA651	354615.0N / 1405457.4E	GAMMA	355856.3N / 1405234.6E
AA652	355247.8N / 1405523.8E	GAUDI	353002.4N / 1410418.1E
BARON	354551.0N / 1410112.0E	GEMIN	355738.6N / 1402450.7E
BOOTH	354023.6N / 1405120.5E	NORMA	355900.8N / 1403254.0E
CASIO	355021.4N / 1403556.1E	RUTAS	344349.3N / 1404034.2E
COPEN	353303.7N / 1404939.2E	VENUS	350440.1N / 1404309.7E

CHANGE : BOOTH renamed

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY16R/16L

SWAMP G ARRIVAL
SWAMP N ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

MHA 11000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)

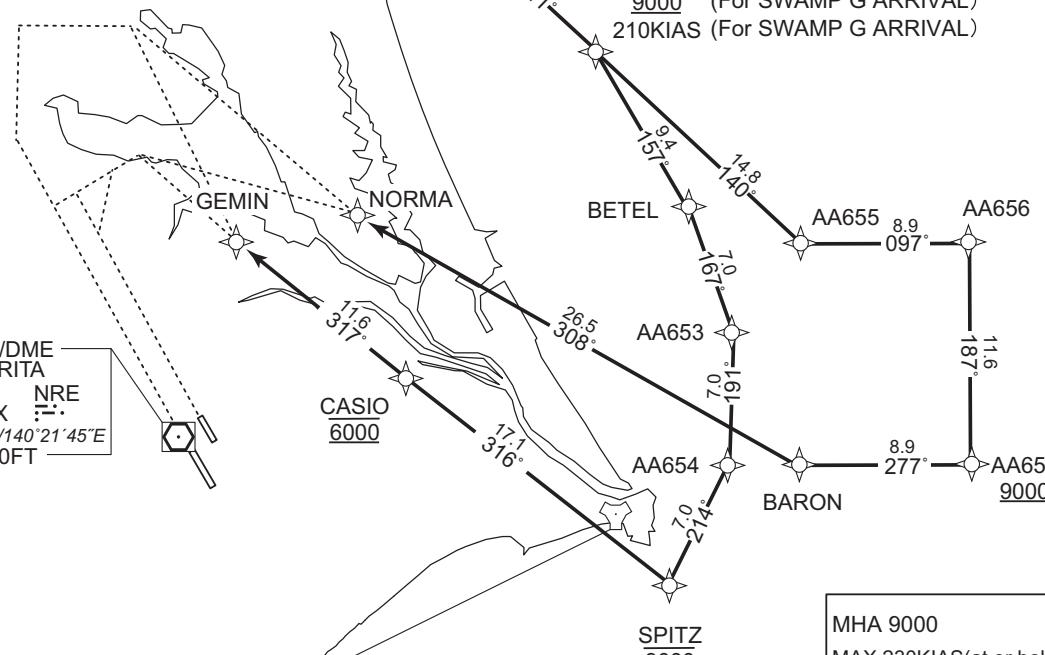
VAR 8° W

SWAMP
205°
025°
1MIN(at or below FL140)
1.5MIN(above FL140)

SWAMP

VIXEN

11000

SWAMP N ARRIVALPLEIA
9000 (For SWAMP G ARRIVAL)
210KIAS (For SWAMP G ARRIVAL)MHA 9000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)1MIN(at or below FL140)
1.5MIN(above FL140)MHA 4000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)GEMIN
317°
137°1MIN(at or below FL140)
1.5MIN(above FL140)MHA 6000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)NORMA
308°
128°1MIN(at or below FL140)
1.5MIN(above FL140)MHA 4000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)CASIO
316°
136°1MIN(at or below FL140)
1.5MIN(above FL140)MHA 6000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)BARON
277°
097°1MIN(at or below FL140)
1.5MIN(above FL140)

CHANGE: Description of VAR.

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY16R/16L

SWAMP G ARRIVAL

From SWAMP, to VIXEN at or above 11000FT, to PLEIA at 9000FT, to BETEL, to AA653, to AA654, to SPITZ at 9000FT, to CASIO at 6000FT, to GEMIN.

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	SWAMP	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	VIXEN	-	140 (133.0)	-7.5	8.3	-	+11000	-	-	RNAV1
003	TF	PLEIA	-	141 (133.0)	-7.5	8.8	-	9000	210	-	RNAV1
004	TF	BETEL	-	157 (149.1)	-7.5	9.4	-	-	-	-	RNAV1
005	TF	AA653	-	167 (159.6)	-7.5	7.0	-	-	-	-	RNAV1
006	TF	AA654	-	191 (183.1)	-7.5	7.0	-	-	-	-	RNAV1
007	TF	SPITZ	-	214 (206.6)	-7.5	7.0	-	9000	210	-	RNAV1
008	TF	CASIO	-	316 (308.6)	-7.5	17.1	-	6000	-	-	RNAV1
009	TF	GEMIN	-	317 (309.1)	-7.5	11.6	-	-	-	-	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	SWAMP	205 (197.0)	-7.5	1.0(-14000) 1.5(+14001)	-	L	11000	-	-230(-14000) -240(+14001)	RNAV1
Hold	PLEIA	141 (133.1)	-7.5	1.0(-14000) 1.5(+14001)	-	R	9000	-	-230(-14000) -240(+14001)	RNAV1
Hold	CASIO	316 (308.6)	-7.5	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	GEMIN	317 (309.1)	-7.5	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1

CHANGE : New PROC

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY16R/16L

SWAMP N ARRIVAL

From SWAMP, to VIXEN at or above 11000FT, to PLEIA, to AA655, to AA656, to AA657 at or above 9000FT, to BARON, to NORMA.

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	SWAMP	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	VIXEN	-	140 (133.0)	-7.5	8.3	-	+11000	-	-	RNAV1
003	TF	PLEIA	-	141 (133.0)	-7.5	8.8	-	-	-	-	RNAV1
004	TF	AA655	-	140 (132.9)	-7.5	14.8	-	-	-	-	RNAV1
005	TF	AA656	-	097 (089.9)	-7.5	8.9	-	-	-	-	RNAV1
006	TF	AA657	-	187 (180.0)	-7.5	11.6	-	+9000	-	-	RNAV1
007	TF	BARON	-	277 (270.0)	-7.5	8.9	-	-	-	-	RNAV1
008	TF	NORMA	-	308 (300.0)	-7.5	26.5	-	-	-	-	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	SWAMP	205 (197.0)	-7.5	1.0(-14000) 1.5(+14001)	-	L	11000	-	-230(-14000) -240(+14001)	RNAV1
Hold	PLEIA	141 (133.1)	-7.5	1.0(-14000) 1.5(+14001)	-	R	9000	-	-230(-14000) -240(+14001)	RNAV1
Hold	BARON	277 (270.0)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	NORMA	308 (300.0)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AA653	355257.7N / 1405644.1E	CASIO	355021.4N / 1403556.1E
AA654	354557.9N / 1405615.8E	GEMIN	355738.6N / 1402450.7E
AA655	355728.9N / 1410110.3E	NORMA	355900.8N / 1403254.0E
AA656	355729.4N / 1411209.0E	PLEIA	360734.8N / 1404745.4E
AA657	354551.6N / 1411209.1E	SPITZ	353942.4N / 1405223.9E
BARON	354551.0N / 1410112.0E	SWAMP	361914.4N / 1403217.0E
BETEL	355931.6N / 1405343.4E	VIXEN	361335.9N / 1403947.1E

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

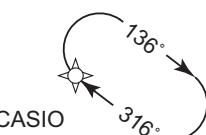
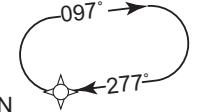
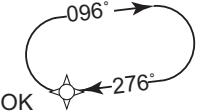
RNAV STAR RWY16R/16L

SUPOK G ARRIVAL
SUPOK N ARRIVAL

RNAV 1

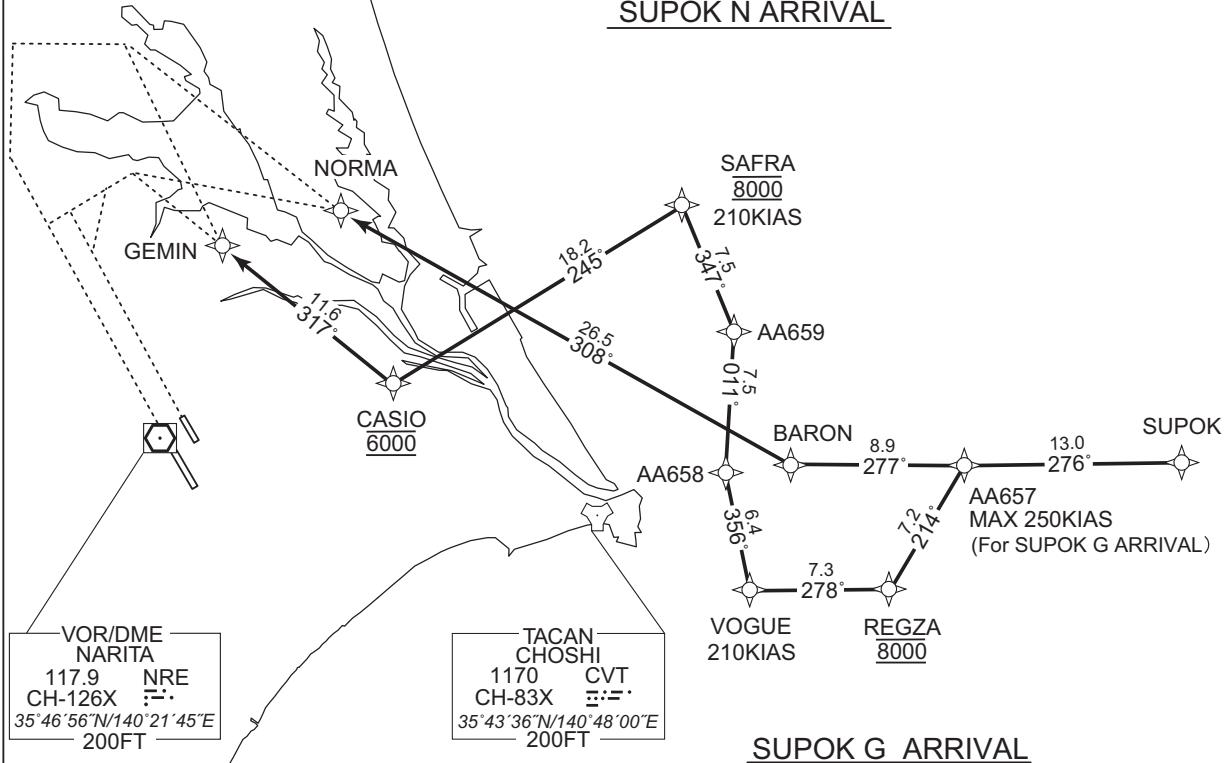
Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

	MHA 4000 MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)	MHA 6000 MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)	MHA 5000 MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)
	CASIO  1MIN(at or below FL140) 1.5MIN(above FL140)	BARON  1MIN(at or below FL140) 1.5MIN(above FL140)	SUPOK  1MIN(at or below FL140) 1.5MIN(above FL140)

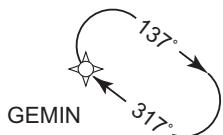
VAR 8° W

SUPOK N ARRIVAL



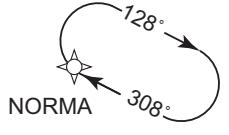
CHANGE: Description of VAR.

MHA 4000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)



1MIN(at or below FL140)
1.5MIN(above FL140)

MHA 6000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)



1MIN(at or below FL140)
1.5MIN(above FL140)

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY16R/16L

SUPOK G ARRIVAL

From SUPOK, to AA657, to REGZA at 8000FT, to VOGUE, to AA658, to AA659, to SAFRA at 8000FT, to CASIO at 6000FT, to GEMIN.

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	SUPOK	—	—	-7.5	—	—	—	—	—	RNAV1
002	TF	AA657	—	276 (268.4)	-7.5	13.0	—	—	-250	—	RNAV1
003	TF	REGZA	—	214 (206.8)	-7.5	7.2	—	8000	—	—	RNAV1
004	TF	VOGUE	—	278 (270.3)	-7.5	7.3	—	—	210	—	RNAV1
005	TF	AA658	—	356 (348.4)	-7.5	6.4	—	—	—	—	RNAV1
006	TF	AA659	—	011 (003.1)	-7.5	7.5	—	—	—	—	RNAV1
007	TF	SAFRA	—	347 (339.6)	-7.5	7.5	—	8000	210	—	RNAV1
008	TF	CASIO	—	245 (237.6)	-7.5	18.2	—	6000	—	—	RNAV1
009	TF	GEMIN	—	317 (309.1)	-7.5	11.6	—	—	—	—	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	SUPOK	276 (268.6)	-7.5	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	CASIO	316 (308.6)	-7.5	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	GEMIN	317 (309.1)	-7.5	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY16R/16L

SUPOK N ARRIVAL

From SUPOK, to AA657, to BARON, to NORMA.

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	SUPOK	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	AA657	-	276 (268.4)	-7.5	13.0	-	-	-	-	RNAV1
003	TF	BARON	-	277 (270.0)	-7.5	8.9	-	-	-	-	RNAV1
004	TF	NORMA	-	308 (300.0)	-7.5	26.5	-	-	-	-	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	SUPOK	276 (268.6)	-7.5	1.0(-14000) 1.5(+14001)	-	R	5000	-	-230(-14000) -240(+14001)	RNAV1
Hold	BARON	277 (270.0)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	NORMA	308 (300.0)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AA657	354551.6N / 1411209.1E	NORMA	355900.8N / 1403254.0E
AA658	354540.9N / 1405734.1E	REGZA	353925.8N / 1410809.1E
AA659	355307.6N / 1405804.5E	SAFRA	360006.9N / 1405452.2E
BARON	354551.0N / 1410112.0E	SUPOK	354614.1N / 1412810.0E
CASIO	355021.4N / 1403556.1E	VOGUE	353927.6N / 1405908.4E
GEMIN	355738.6N / 1402450.7E		

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

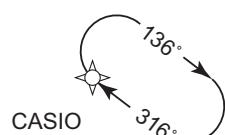
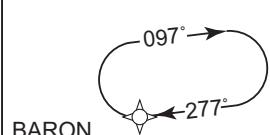
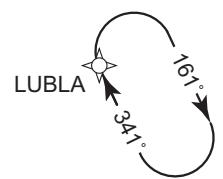
RNAV STAR RWY16R/16L

LUBLA G ARRIVAL
LUBLA N ARRIVAL

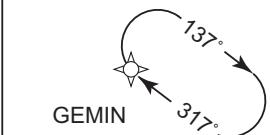
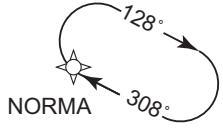
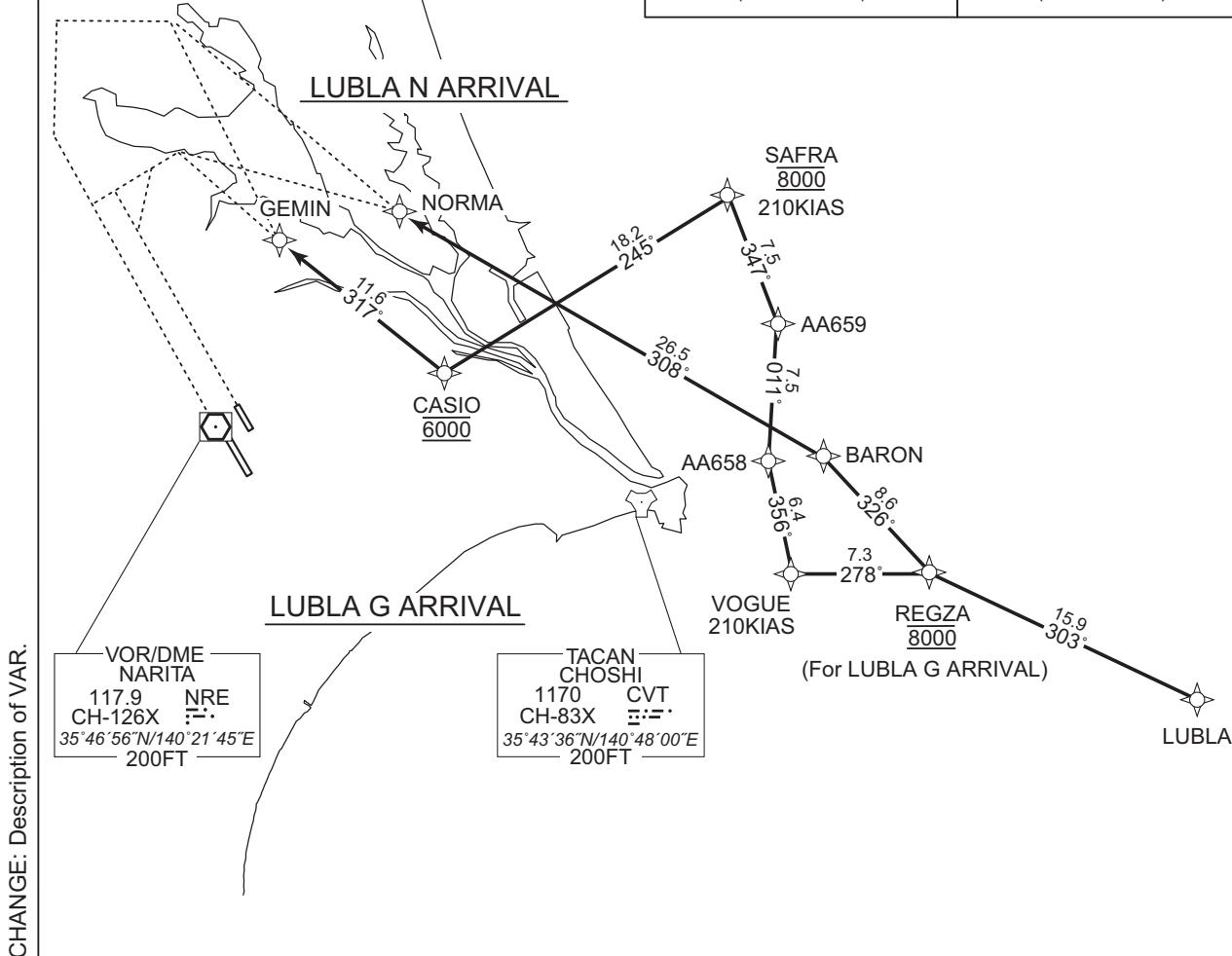
RNAV 1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

MHA 4000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)MHA 6000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)MHA 5000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)1MIN(at or below FL140)
1.5MIN(above FL140)1MIN(at or below FL140)
1.5MIN(above FL140)1MIN(at or below FL140)
1.5MIN(above FL140)

VAR 8° W

MHA 4000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)1MIN(at or below FL140)
1.5MIN(above FL140)MHA 6000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)1MIN(at or below FL140)
1.5MIN(above FL140)

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY16R/16L

LUBLA G ARRIVAL

From LUBLA, to REGZA at 8000FT, to VOGUE, to AA658, to AA659, to SAFRA at 8000FT, to CASIO at 6000FT, to GEMIN.

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	LUBLA	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	REGZA	-	303 (295.5)	-7.5	15.9	-	8000	-	-	RNAV1
003	TF	VOGUE	-	278 (270.3)	-7.5	7.3	-	-	210	-	RNAV1
004	TF	AA658	-	356 (348.4)	-7.5	6.4	-	-	-	-	RNAV1
005	TF	AA659	-	011 (003.1)	-7.5	7.5	-	-	-	-	RNAV1
006	TF	SAFRA	-	347 (339.6)	-7.5	7.5	-	8000	210	-	RNAV1
007	TF	CASIO	-	245 (237.6)	-7.5	18.2	-	6000	-	-	RNAV1
008	TF	GEMIN	-	317 (309.1)	-7.5	11.6	-	-	-	-	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	LUBLA	341 (333.9)	-7.5	1.0(-14000) 1.5(+14001)	-	R	5000	-	-230(-14000) -240(+14001)	RNAV1
Hold	CASIO	316 (308.6)	-7.5	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1
Hold	GEMIN	317 (309.1)	-7.5	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1

CHANGE : New PROC

STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY16R/16L

LUBLA N ARRIVAL

From LUBLA, to REGZA, to BARON, to NORMA.

Critical DME	-
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

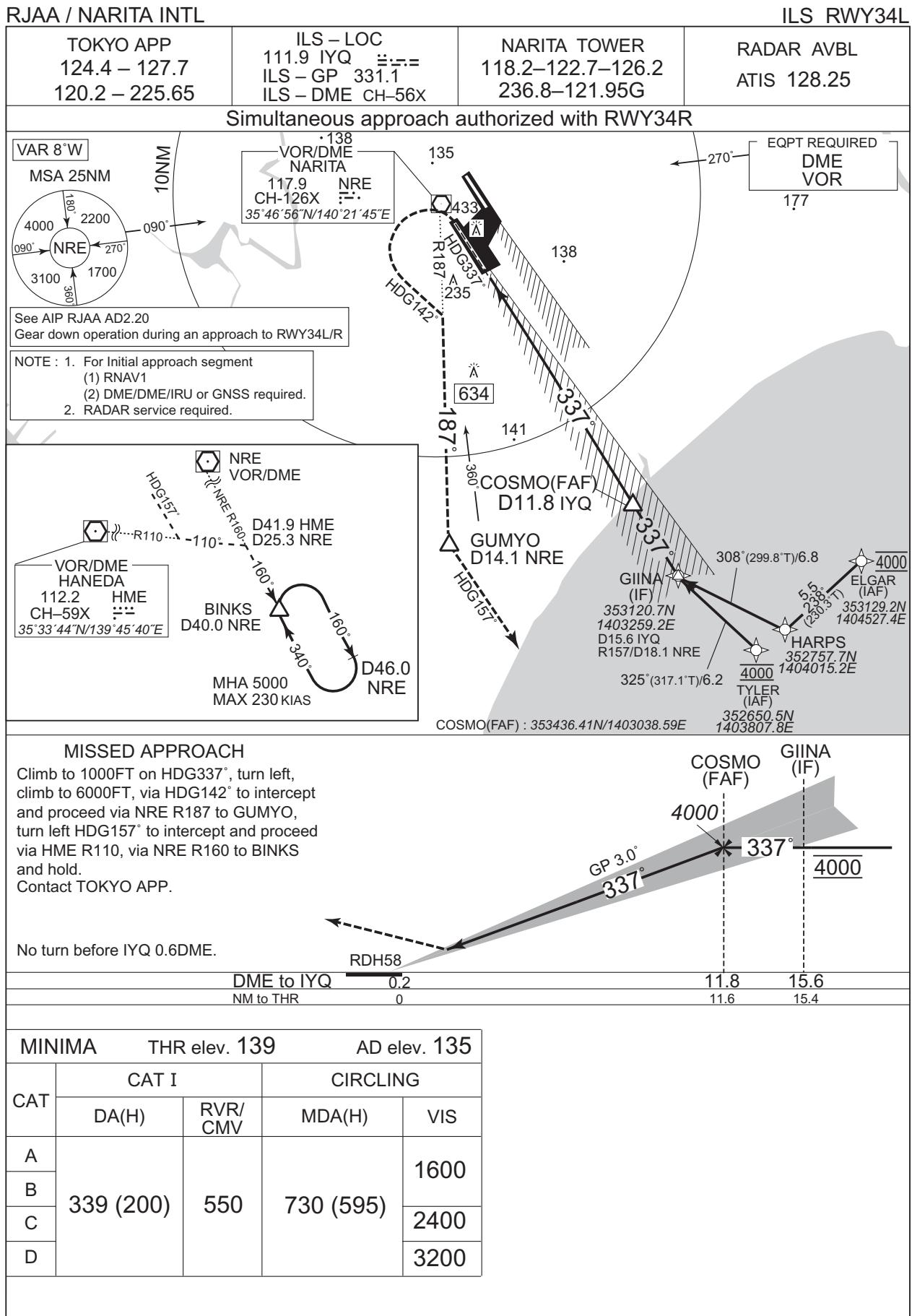
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	LUBLA	-	-	-7.5	-	-	-	-	-	RNAV1
002	TF	REGZA	-	303 (295.5)	-7.5	15.9	-	-	-	-	RNAV1
003	TF	BARON	-	326 (318.7)	-7.5	8.6	-	-	-	-	RNAV1
004	TF	NORMA	-	308 (300.0)	-7.5	26.5	-	-	-	-	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	LUBLA	341 (333.9)	-7.5	1.0(-14000) 1.5(+14001)	-	R	5000	-	-230(-14000) -240(+14001)	RNAV1
Hold	BARON	277 (270.0)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1
Hold	NORMA	308 (300.0)	-7.5	1.0(-14000) 1.5(+14001)	-	R	6000	-	-230(-14000) -240(+14001)	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AA658	354540.9N / 1405734.1E	LUBLA	353235.0N / 1412550.8E
AA659	355307.6N / 1405804.5E	NORMA	355900.8N / 1403254.0E
BARON	354551.0N / 1410112.0E	REGZA	353925.8N / 1410809.1E
CASIO	355021.4N / 1403556.1E	SAFRA	360006.9N / 1405452.2E
GEMIN	355738.6N / 1402450.7E	VOGUE	353927.6N / 1405908.4E

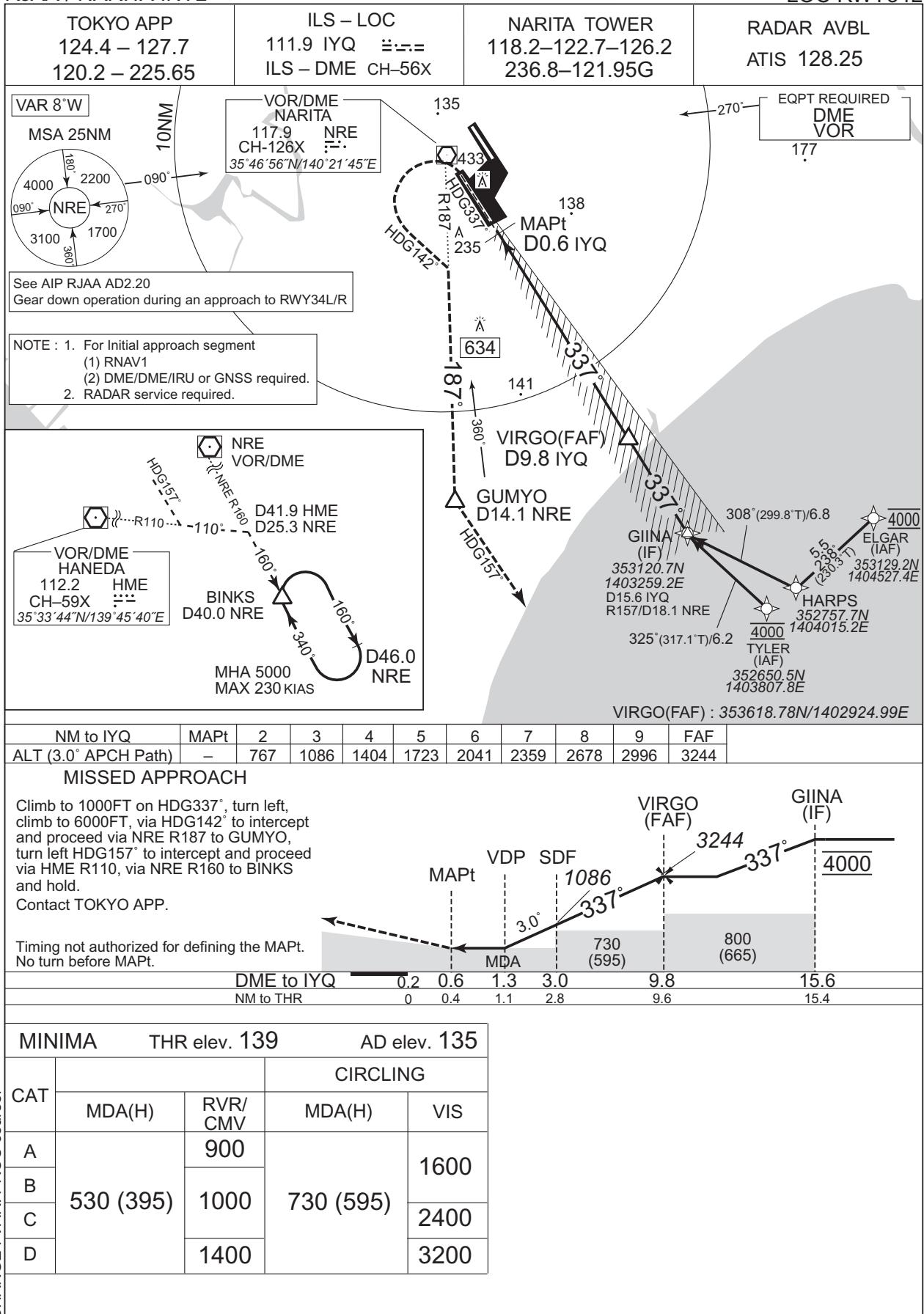
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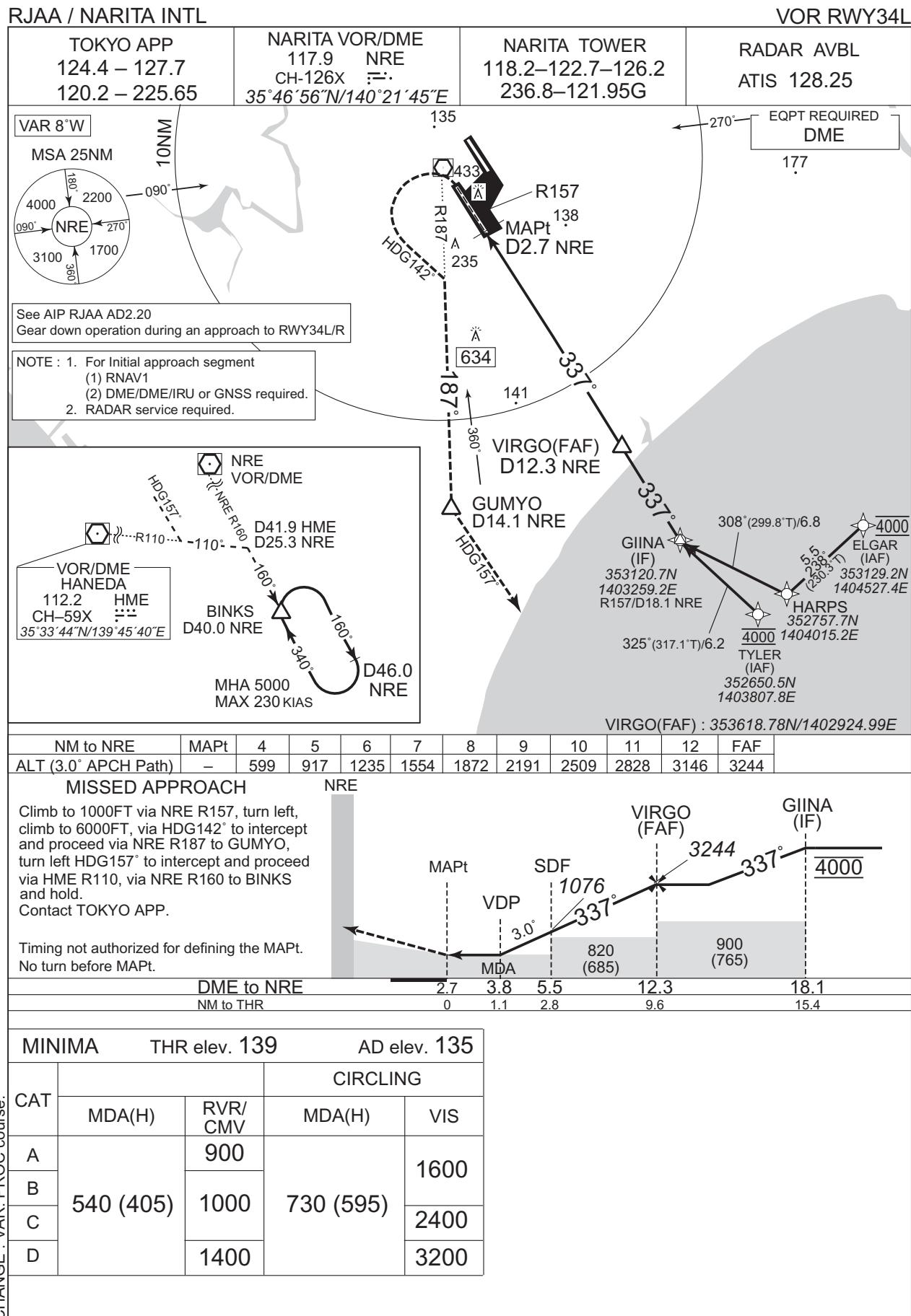
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RJAA / NARITA INTL

LOC RWY34L



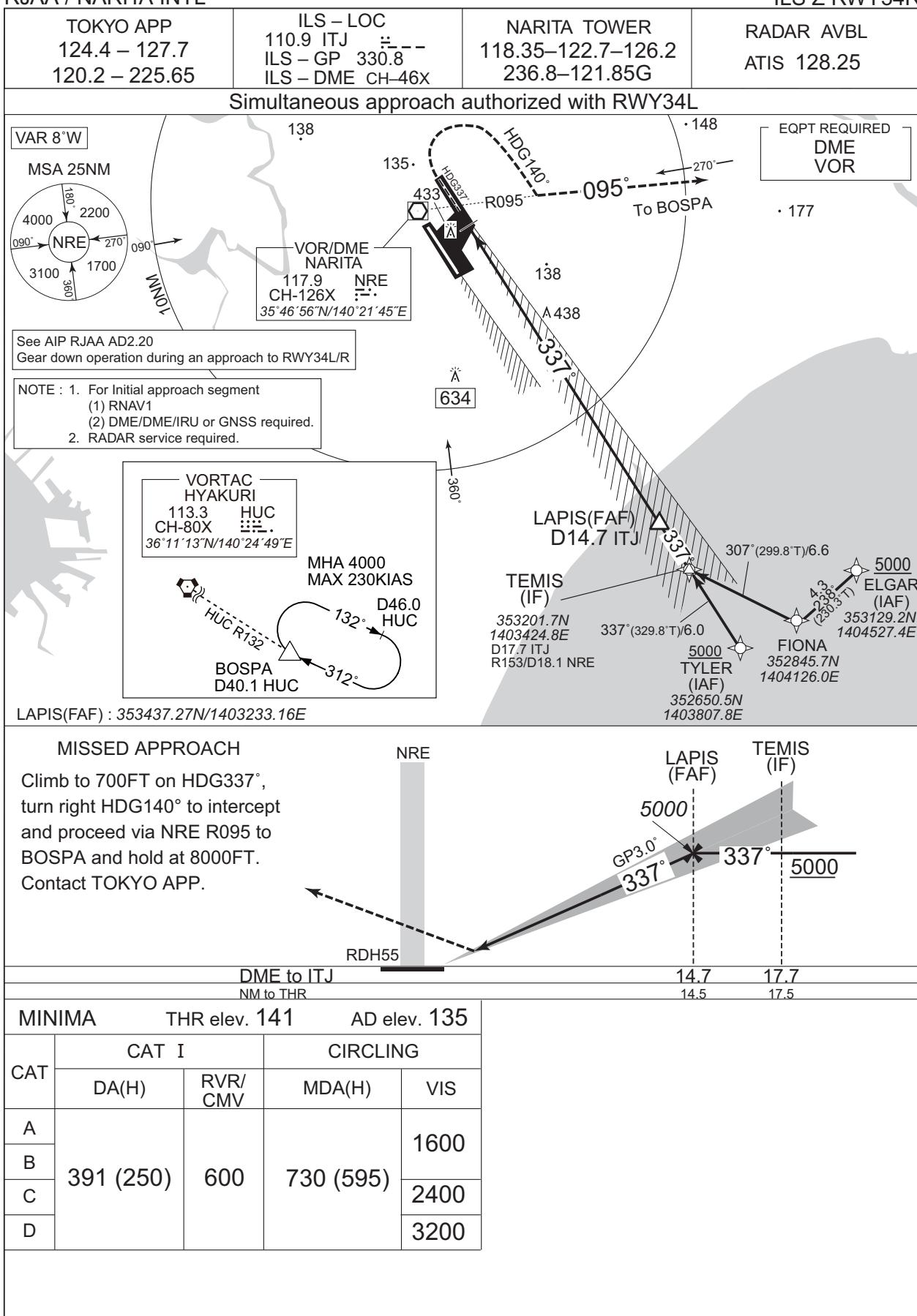
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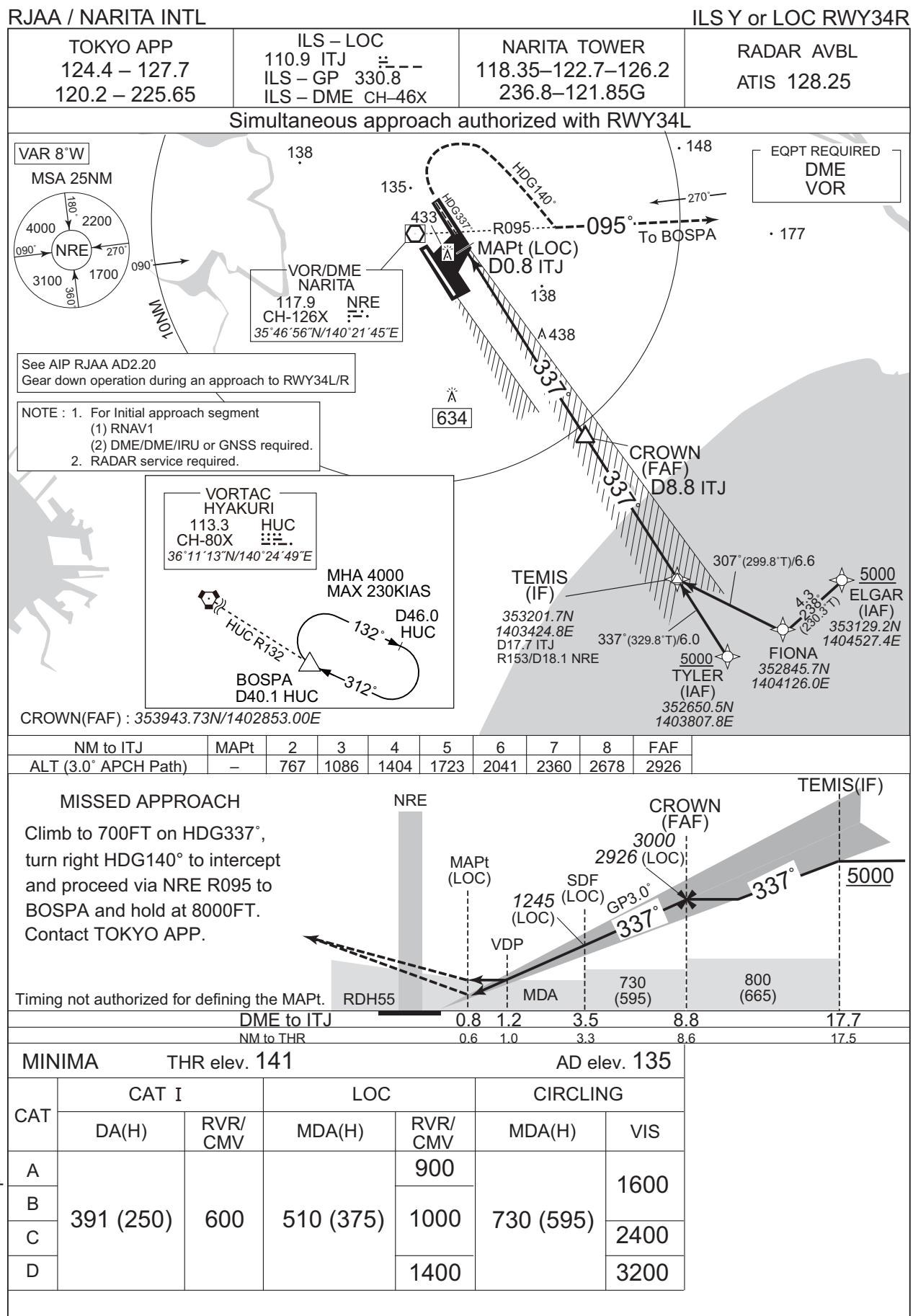
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RJAA / NARITA INTL

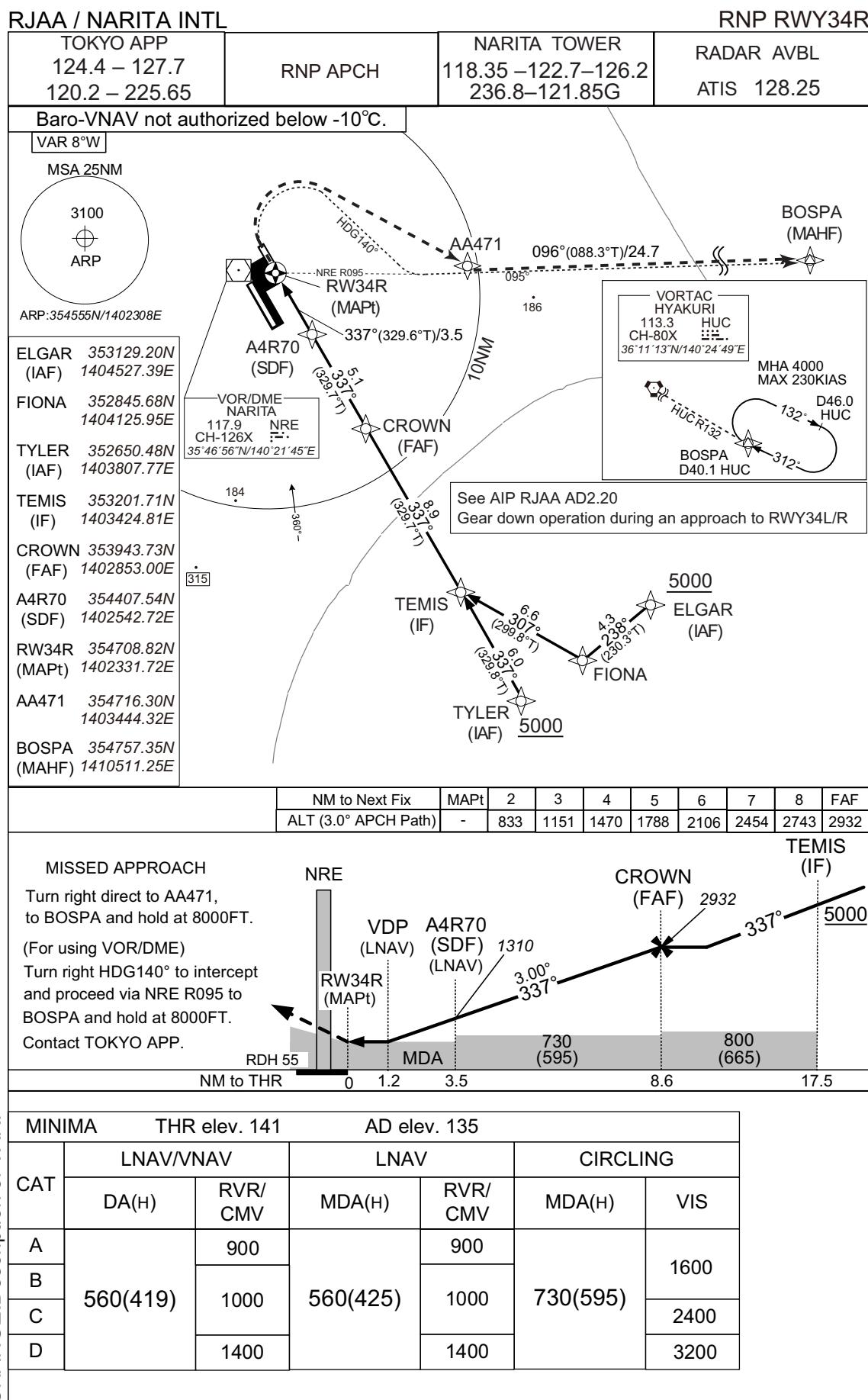
ILS Z RWY34R



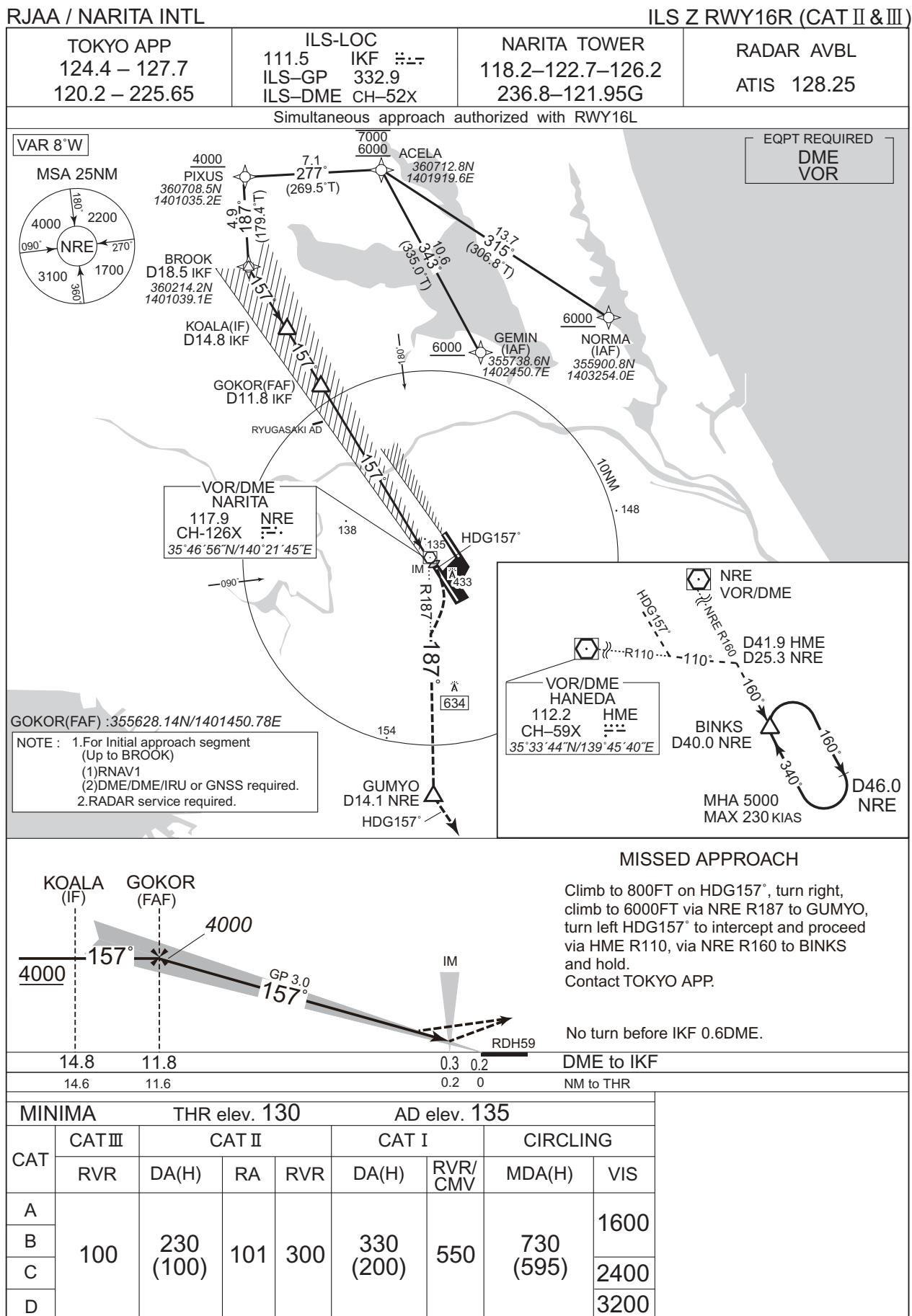
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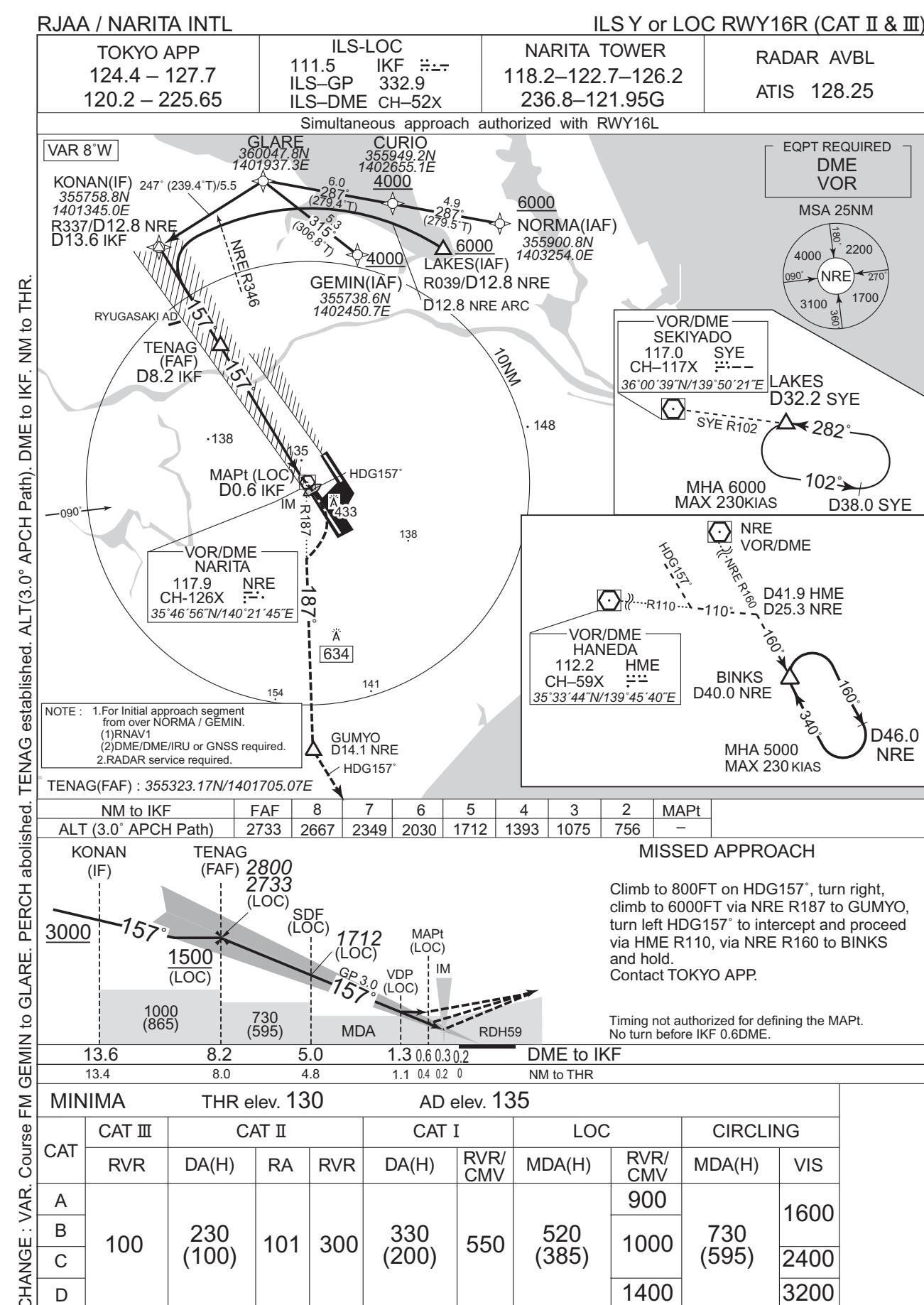
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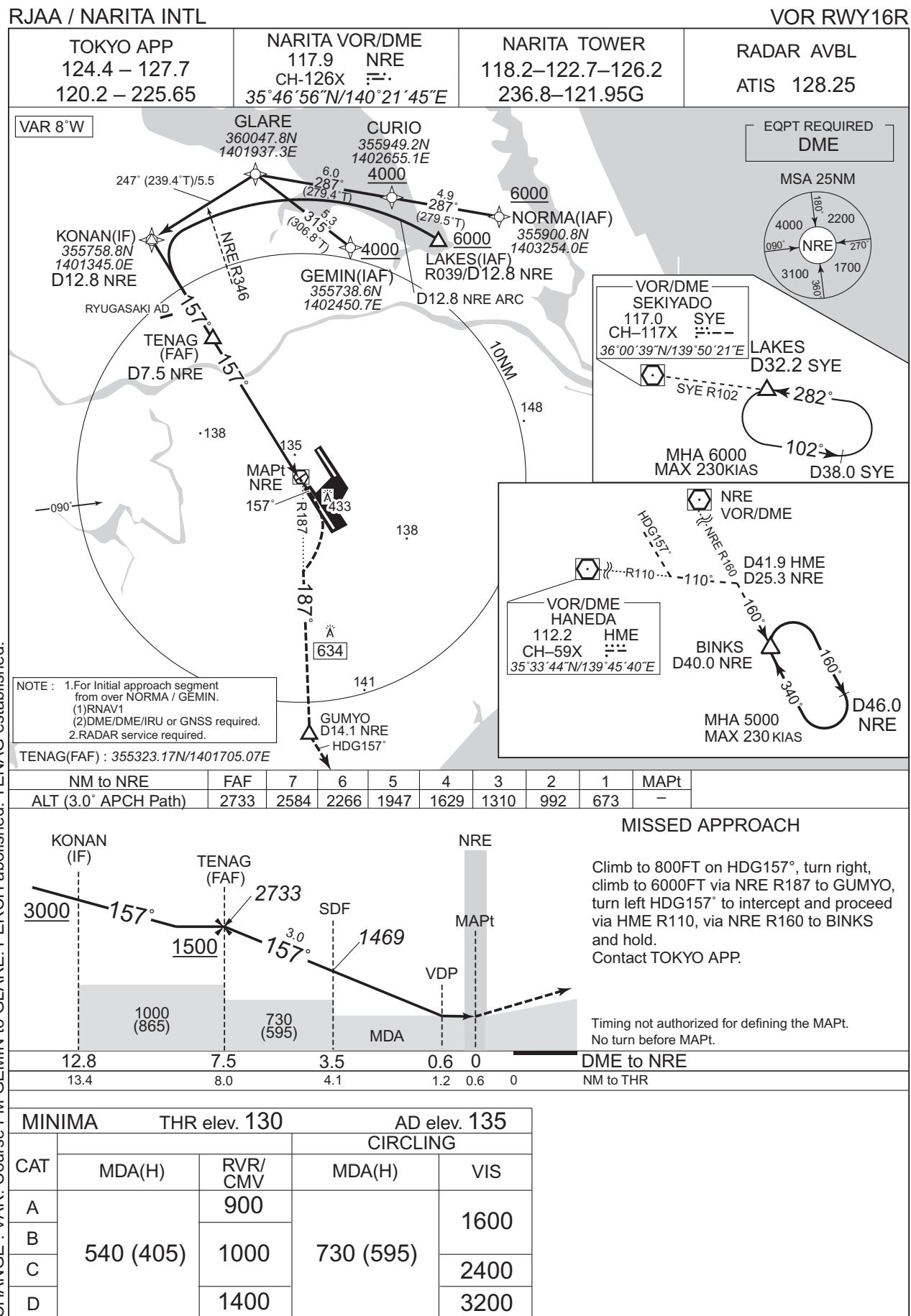
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



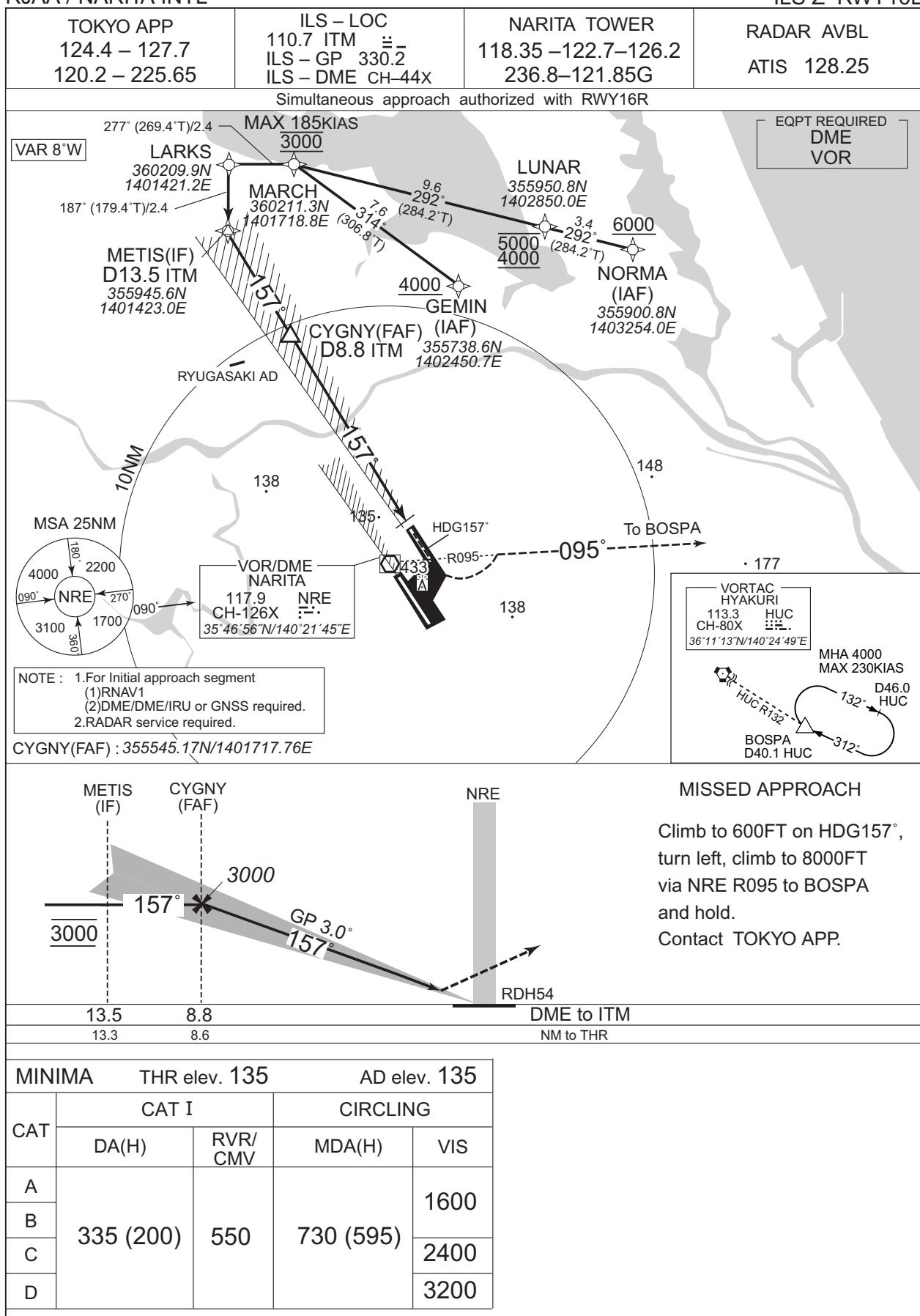
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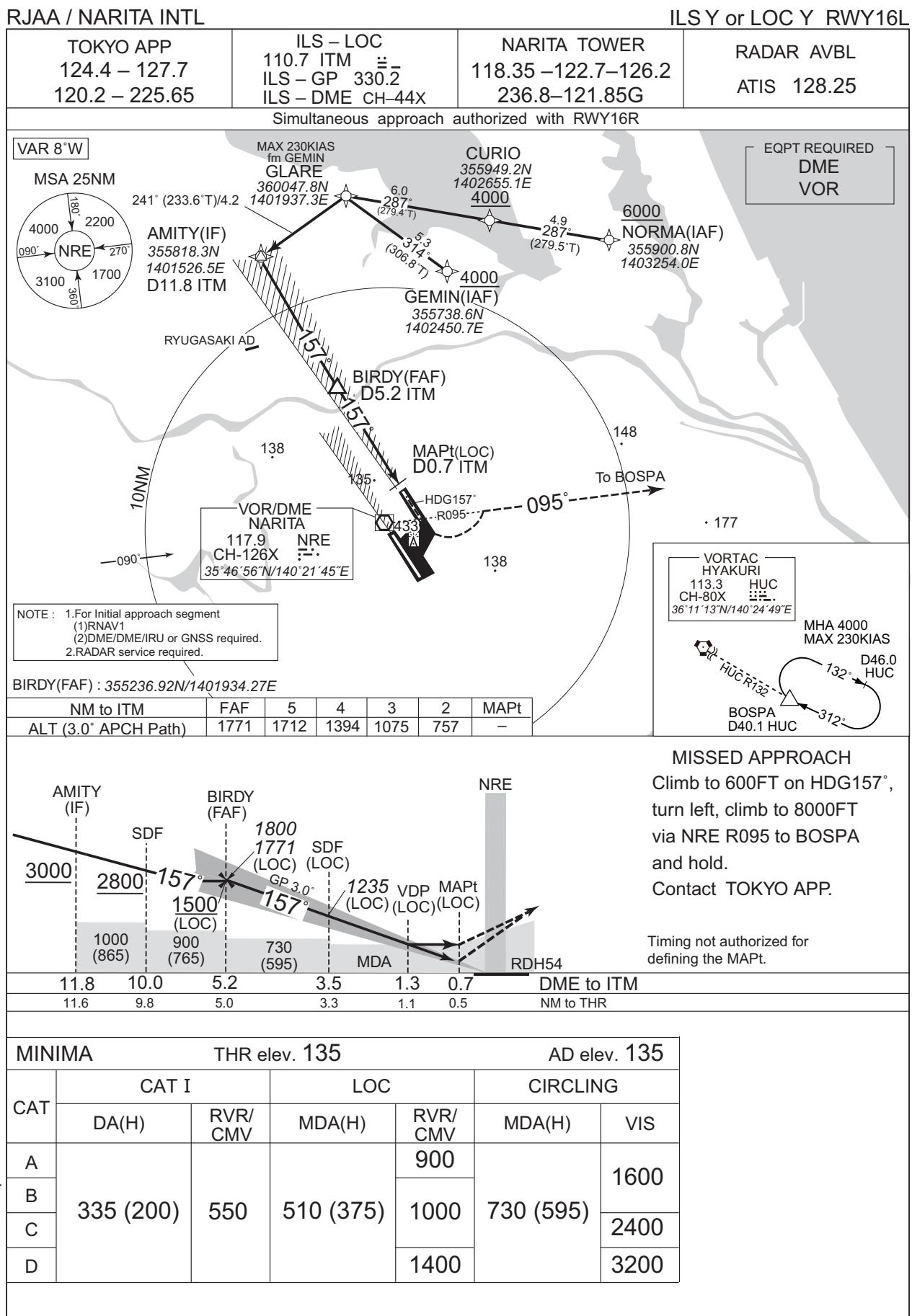
INSTRUMENT APPROACH CHART

RJAA / NARITA INTL

ILS Z RWY16L



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJAA / NARITA INTL

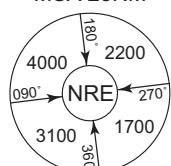
ILS X or LOC X RWY16L

TOKYO APP 124.4 – 127.7 120.2 – 225.65	ILS – LOC 110.7 ITM ILS – GP 330.2 ILS – DME CH-44X	NARITA TOWER 118.35 – 122.7 – 126.2 236.8 – 121.85G	RADAR AVBL ATIS 128.25
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Simultaneous approach authorized with RWY16R

VAR 8°W

MSA 25NM

INASY(IF)
R343/D12.8 NRE
D12.1 ITM

D12.8 NRE ARC

NRE

EQPT REQUIRED
DME
VOR

RYUGASAKI AD

BIRDY(FAF)

D5.2 ITM

MAPt(LOC)
D0.7 ITM

To BOSPA

LAKES(IAF)
R039/D12.8 NREVOR/DME
SEKIYADO
117.0 SYE
CH-117XLAKES
D32.2 SYEMHA 6000
MAX 230KIAS

D38.0 SYE

10NM

138

138

148

. 177

VOR/DME
NARITA
117.9 NRE
CH-126X

35°46'56"N/140°21'45"E

VORTAC
HYAKURI
113.3 HUC
CH-80X

36°11'13"N/140°24'49"E

MHA 4000
MAX 230KIAS

D46.0 HUC

BOSPA
D40.1 HUC

BIRDY(FAF) : 355236.92N/1401934.27E

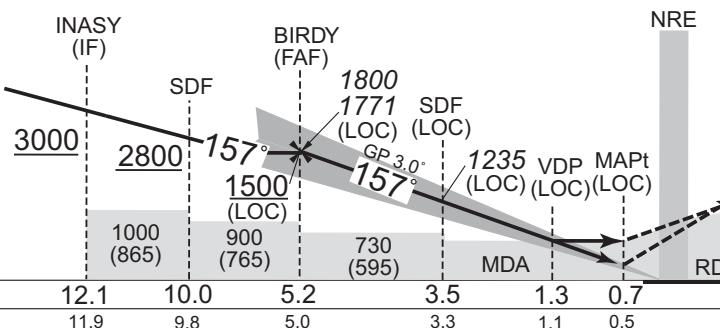
NM to ITM	FAF	5	4	3	2	MAPt
ALT (3.0° APCH Path)	1771	1712	1394	1075	757	-

MISSSED APPROACH

Climb to 600FT on HDG157°, turn left, climb to 8000FT via NRE R095 to BOSPA and hold.

Contact TOKYO APP.

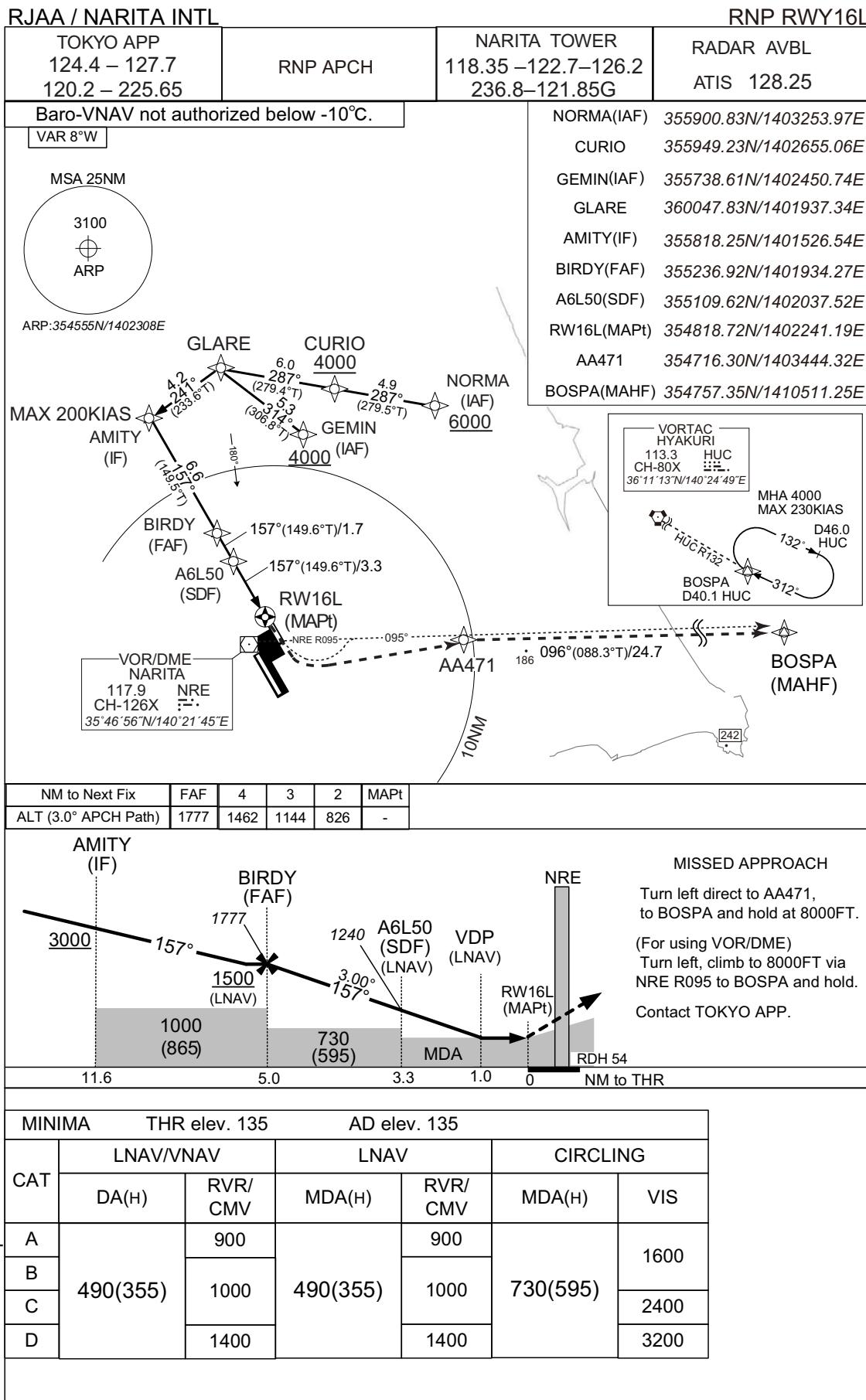
Timing not authorized for defining the MAPt.



CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A				900		
B	335 (200)	550	510 (375)	1000	730 (595)	1600
C						2400
D				1400		3200

CHANGE : Description of VAR.

INSTRUMENT APPROACH CHART



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RJAA / NARITA INTL

HLDG PATTERN

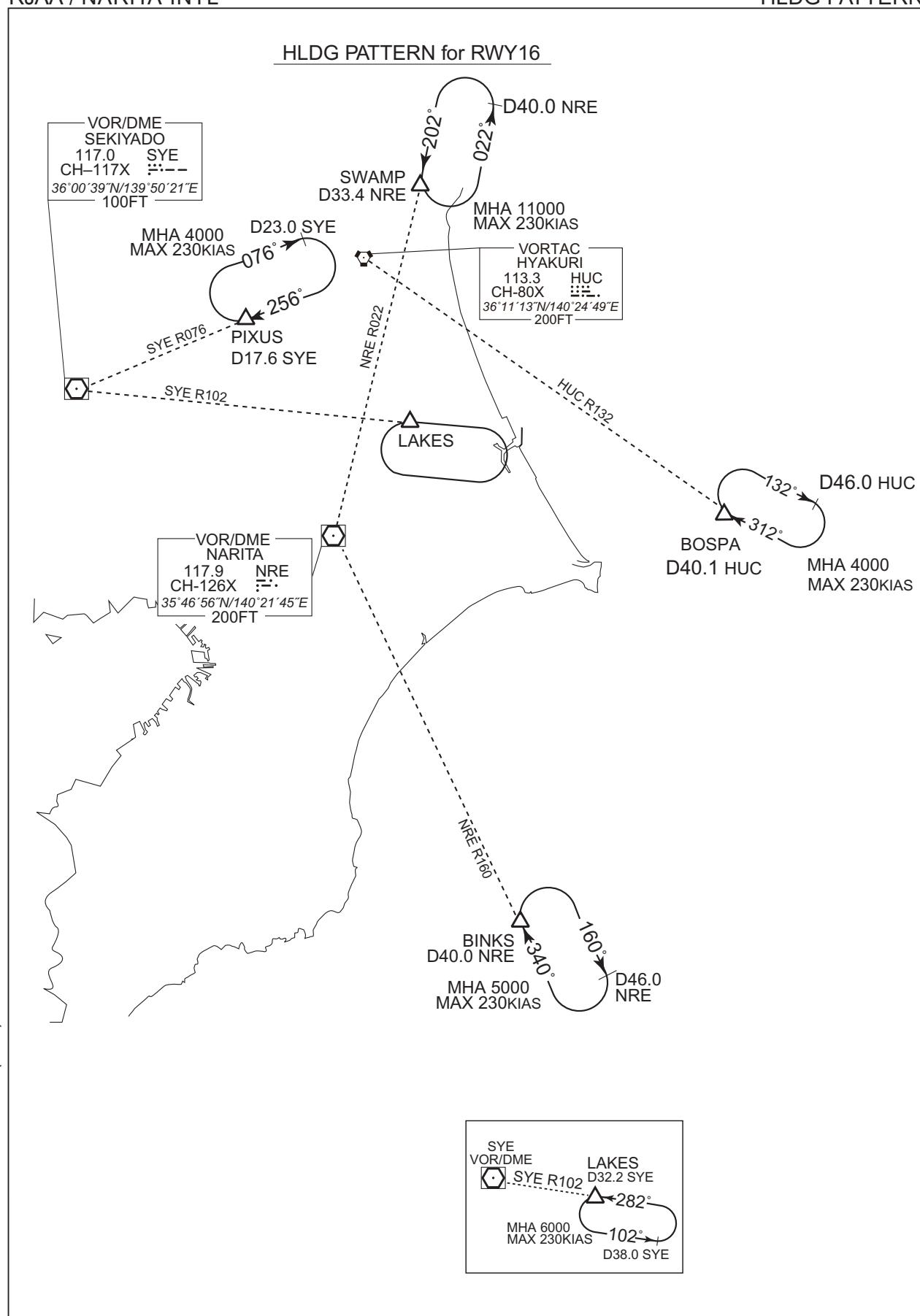
CHANGE : HOKUSO VOR/DME(HKE) abolished. HLDG course(TEMIS), BOSPA established. ABBOT, SWIMY abolished.

HLDG PATTERN for RWY34



RJAA / NARITA INTL

HLDG PATTERN



RJAA / NARITA INTL

RNAV HLDG PATTERN

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

RNAV 1

1. Outbound Time / Distance
2. Speed
- See Tabular Description.

DME
MORIYA
1174 SND
CH-87X :::
35°56'06"N/139°58'52"E
100FT

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

TACAN
TATEYAMA
986 TET
CH-25X :::
34°58'15"N/139°50'17"E
500FT

SWAMP
MHA 11000

NORMA
MHA 6000

GEMIN

CASIO
MHA 4000

TYLER
MHA 3000

TACAN
ONJUKU
1191 OJT
CH-104X :::
35°11'03"N/140°22'17"E
400FT

DME
TATEYAMA
1159 PQD
CH-72X :::
34°56'46"N/139°53'43"E
600FT

PLEIA
MHA 9000

KARMA
BARON
MHA 6000

SUPOK
MHA 5000

GAUDI
MHA 6000

LUBLA
MHA 5000

AQUOS
MHA 5000

VENUS
MHA 6000

RUTAS
MHA 6000

CHANGE : COORD of MORIYA DME(SND).

043°
223°
CORGI
MHA 4000

043°
223°
ELGAR
MHA 3000

065°
245°

737°
317°
GEMIN
MHA4000

89°
89°
KARMA
MHA 6000

718°
298°
PEAKS
MHA 4000

RJAA / NARITA INTL

RNAV HLDG PATTERN

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	AQUOS	037 (029.1)	-7.5	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	BARON	277 (270.0)	-7.5	1.0(-14000) 1.5(+14001)	—	R	6000	—	-230(-14000) -240(+14001)	RNAV1
Hold	CASIO	316 (308.6)	-7.5	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	COPEN	018 (010.5)	-7.5	1.0(-14000) 1.5(+14001)	—	R	6000	—	-230(-14000) -240(+14001)	RNAV1
Hold	CORGI	223 (215.8)	-7.5	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ELGAR	223 (215.7)	-7.5	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1
Hold	GAUDI	358 (351.0)	-7.5	1.0(-14000) 1.5(+14001)	—	R	6000	—	-230(-14000) -240(+14001)	RNAV1
Hold	GEMIN	317 (309.1)	-7.5	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	KARMA	168 (160.3)	-7.5	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LUBLA	341 (333.9)	-7.5	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	NORMA	308 (300.0)	-7.5	1.0(-14000) 1.5(+14001)	—	R	6000	—	-230(-14000) -240(+14001)	RNAV1
Hold	PEAKS	298 (290.2)	-7.5	1.0(-14000) 1.5(+14001)	—	L	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	PLEIA	141 (133.1)	-7.5	1.0(-14000) 1.5(+14001)	—	R	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	RUTAS	065 (057.9)	-7.5	1.0(-14000) 1.5(+14001)	—	R	6000	—	-230(-14000) -240(+14001)	RNAV1
Hold	SUPOK	276 (268.6)	-7.5	1.0(-14000) 1.5(+14001)	—	R	5000	—	-230(-14000) -240(+14001)	RNAV1
Hold	SWAMP	205 (197.0)	-7.5	1.0(-14000) 1.5(+14001)	—	L	11000	—	-230(-14000) -240(+14001)	RNAV1
Hold	TYLER	337 (329.8)	-7.5	1.0(-14000) 1.5(+14001)	—	L	3000	—	-230(-14000) -240(+14001)	RNAV1
Hold	VENUS	013 (005.8)	-7.5	1.0(-14000) 1.5(+14001)	—	R	6000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : PEAKS established

RJAA / NARITA INTL

RNAV HLDG PATTERN

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AQUOS	351229.7N / 1410942.5E	LUBLA	353235.0N / 1412550.8E
BARON	354551.0N / 1410112.0E	NORMA	355900.8N / 1403254.0E
CASIO	355021.4N / 1403556.1E	PEAKS	352507.2N / 1404352.7E
COPEN	353303.7N / 1404939.2E	PLEIA	360734.8N / 1404745.4E
CORGI	353829.8N / 1405138.9E	RUTAS	344349.3N / 1404034.2E
ELGAR	353129.2N / 1404527.4E	SUPOK	354614.1N / 1412810.0E
GAUDI	353002.4N / 1410418.1E	SWAMP	361914.4N / 1403217.0E
GEMIN	355738.6N / 1402450.7E	TYLER	352650.5N / 1403807.8E
KARMA	355042.9N / 1405512.4E	VENUS	350440.1N / 1404309.7E

CHANGE : PEAKS established

RJAA / NARITA INTL

Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

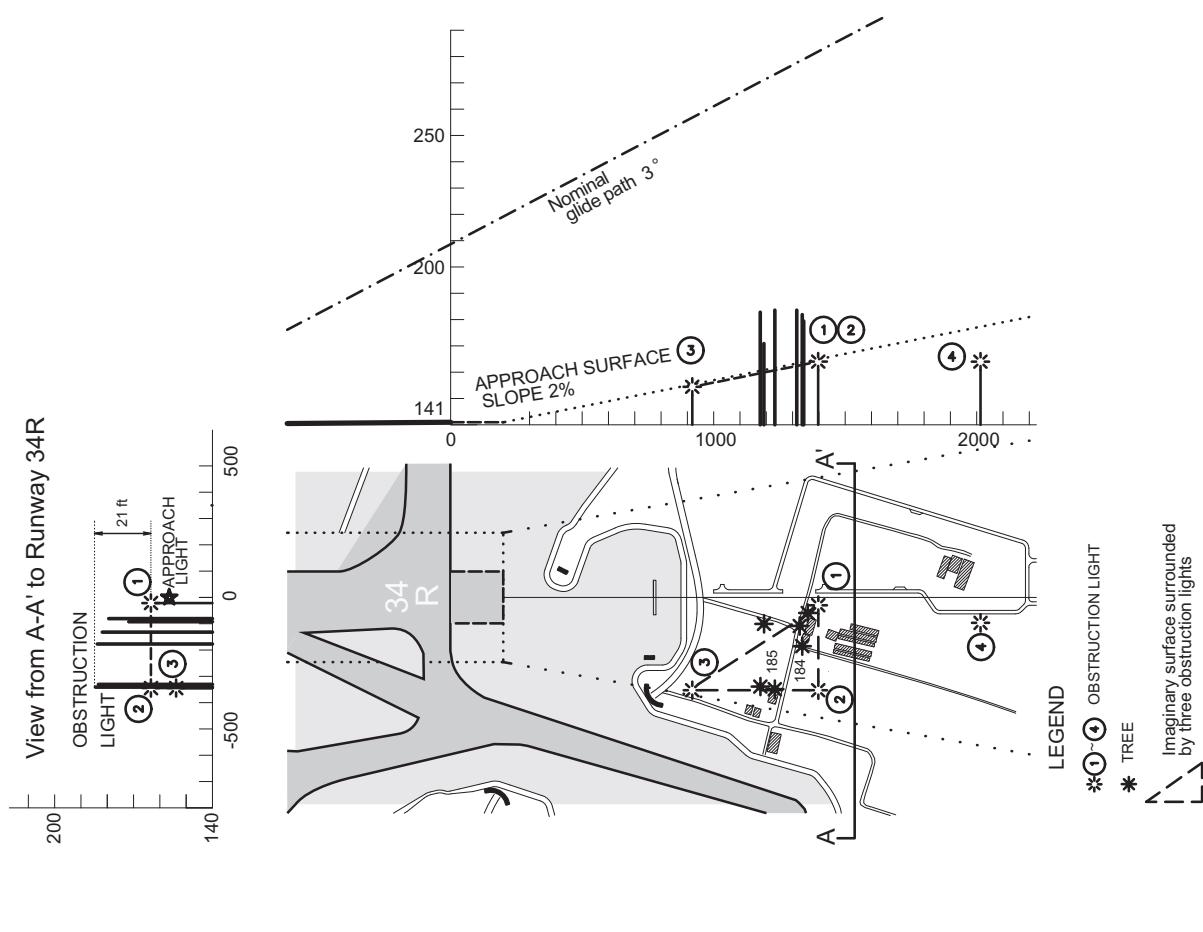
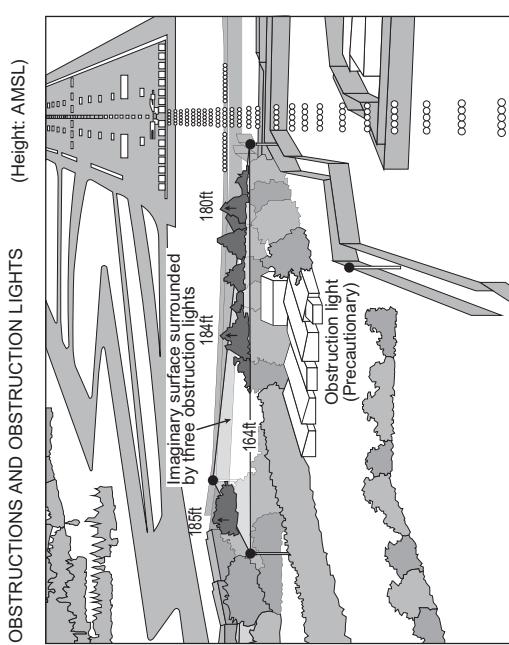
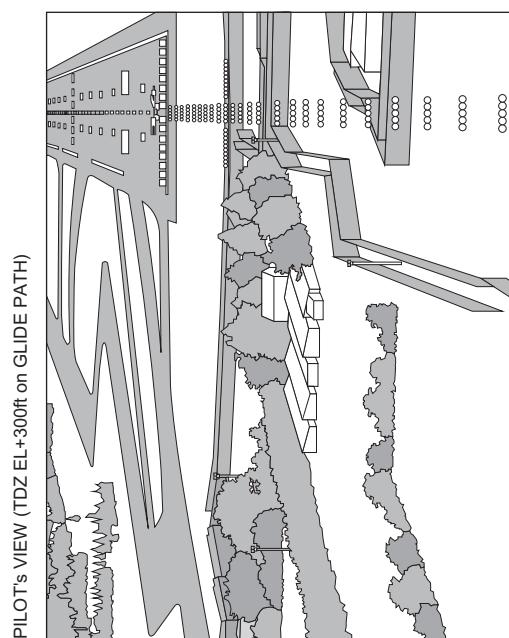
CHANGE : Visual REP abolished(Radisson).

Call sign	BRG / DIST from ARP	Remarks
大栄 Taiei	036°T / 5.3NM	東関東自動車道大栄インターチェンジ Interchange
赤池 Akaike	061°T / 3.9NM	赤池交差点 Akaike Intersection
甚兵衛 Jinbei	284°T / 6.8NM	甚兵衛大橋 Jinbei Bridge
山田 Yamada	083°T / 7.0NM	山田ARSRサイト Yamada ARSR Site
成田 Narita	282°T / 3.6NM	JR成田駅 JR Narita Station
ダイナミック Dynamic	092°T / 2.5NM	ダイナミックゴルフ俱楽部クラブハウス Dynamic Golf Club House
ランチ Lunch	216°T / 2.9NM	給食センター Lunch Center
富里 Tomisato	225°T / 4.4NM	富里第二工業団地 Industrial Park
酒々井 Shisui	236°T / 5.9NM	酒々井パーキングエリア Parking Area
佐倉インターチェンジ Sakura Interchange	237°T / 8.6NM	東関東自動車道佐倉インターチェンジ Interchange
八街 Yachimata	208°T / 7.0NM	JR八街駅 JR Station



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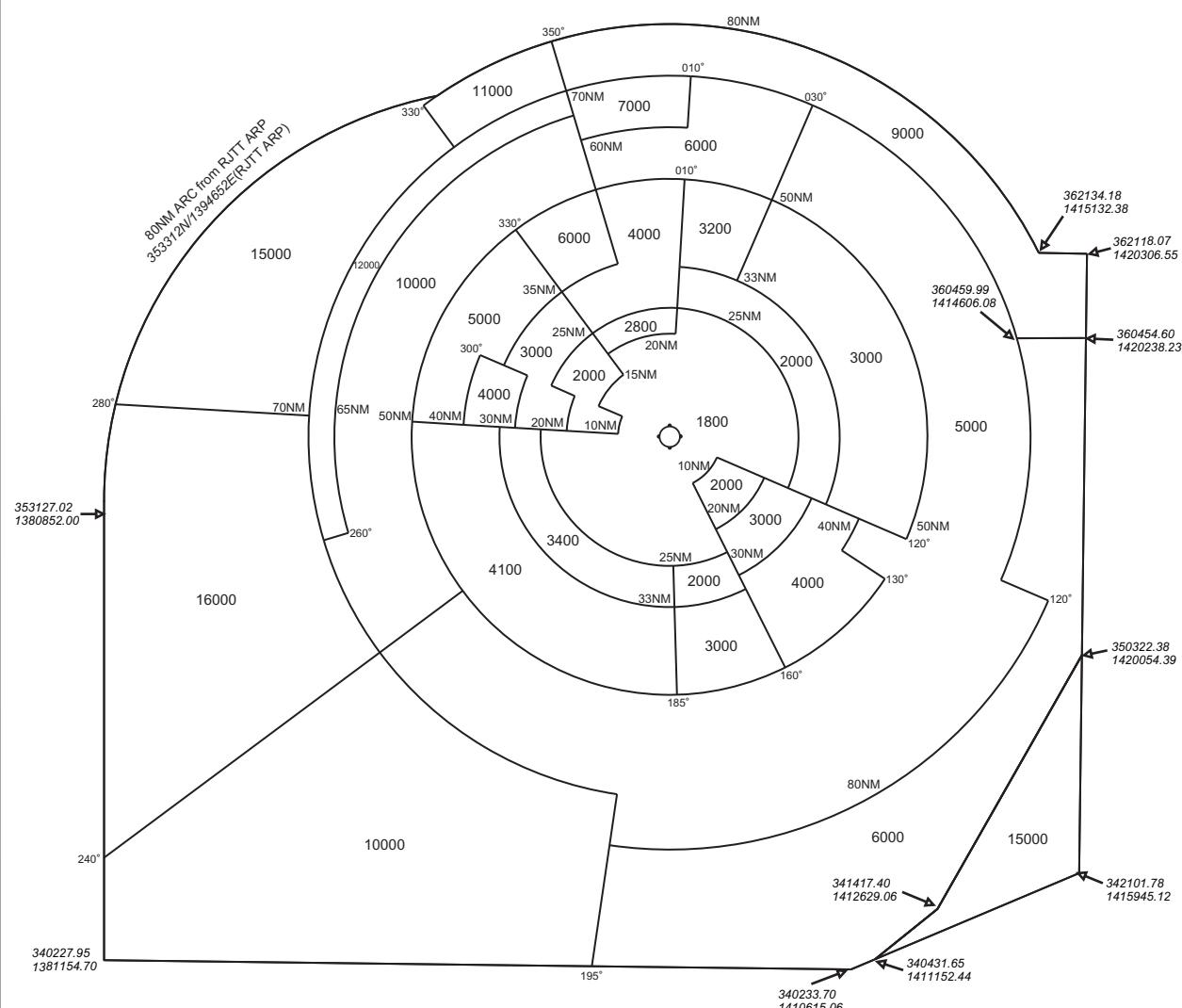
LDG CHART (Trees existence on final approach area of Runway 34R)



RJAA / NARITA INTL

Minimum Vectoring Altitude CHART

VAR 8° W(2023)



CHANGE : VAR.

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