

AERODROME CHART

NARITA INTERNATIONAL AIRPORT
ELEV 41m(134.5ft)ARP

HOT SPOT / see RJAA AD2.1

*VAR 8° W 2023
ANNUAL CHANGE
3°W*

The diagram illustrates the landing gear systems for the H-P GWY and H-W GWY. The H-P GWY system is shown at the bottom, featuring a single vertical leg with two circular wheels. The H-W GWY system is shown at the top, featuring a single vertical leg with three circular wheels. A callout labeled "HEL-PAD WEST" points to the H-W GWY system.

This detailed technical site plan illustrates the layout of an airport terminal and its surrounding infrastructure. The plan includes:

- Terminal 1:** Located at ARP 35455N 140230BE.
- Runways and Taxiways:** Runway 18 (Rwy 18) is shown with a PAPI angle of 3.0°, MEHT 20.5m (67ft), and 431m (1414ft) inside FM THR. Runway 36 (Rwy 36) is shown with a PAPI angle of 3.0°, MEHT 20.5m (67ft), and 425m (1394ft) inside FM THR. Other labels include A-TWY, A-FWY, A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, and A11.
- Helipads:** Three helipads are labeled: HEL-PAD 1, HEL-PAD 2, and HEL-PAD 3.
- Lighting and Safety Equipment:** Labels include RED(STOP BAR LIGHTS) (A1-A10), FLASHING YELLOW (RUNWAY GUARD LIGHTS) (A1-A10), G LIGHTS (SFL-V), ILS LOC 111.5 IKF, ILS LOC 111.9 IYO, RED(OVERRUN AREA EDGE LGT), WHITE, RED(RWY END LGT), 300m(984ft), 600m(1968ft), 900m(2952ft), APPROACH LIGHTING SYSTEM, GREEN(RWY THR LGT AUX RWY THR LGT), NO1 REC SITE, NO2 REC SITE, RVR, WIND SPEED METER, LIDAR SITE, WX, FIRE STN, POL, NO1 TRANS SITE, NO2 TRANS SITE, PAPI ANGLE 3.0°, MEHT 20.5m (67ft), 425m (1394ft) INSIDE FM THR, and APPROACH LIGHTING SYSTEM.
- Buildings and Sites:** Labels include ADMIN BLDG AIS/MET, WX RADAR SITE, NO2 ASR SITE, NO1 ASR SITE, and NO1 REC SITE.
- Other Features:** A CELO METER is located near the bottom right. A legend at the bottom shows various symbols for different types of lights and equipment.

The plan uses a combination of black and white line work to represent different types of infrastructure, with many labels in all-caps for clarity.

CHANGE : HOT SPOT added

RUNWAY-HOLDING POSITION MARKINGS
MANDATORY INSTRUCTION MARKINGS
and STOP BAR LIGHTS

Runway-holding position markings, Stop bar lights and Runway guard lights located on taxiway A1-A10 and B1-B9 are 75m-120m off the runway centerline. Mandatory instruction markings are located on taxiway A3-A8, B4 and B7.

A1, A2, A9, RUNWAY SIDE
RUNWAY GUARD LIGHT

RUNWAY GUARD LIGHT
(FLASHING YELLOW)

3m

2.10m

1m 0.9m

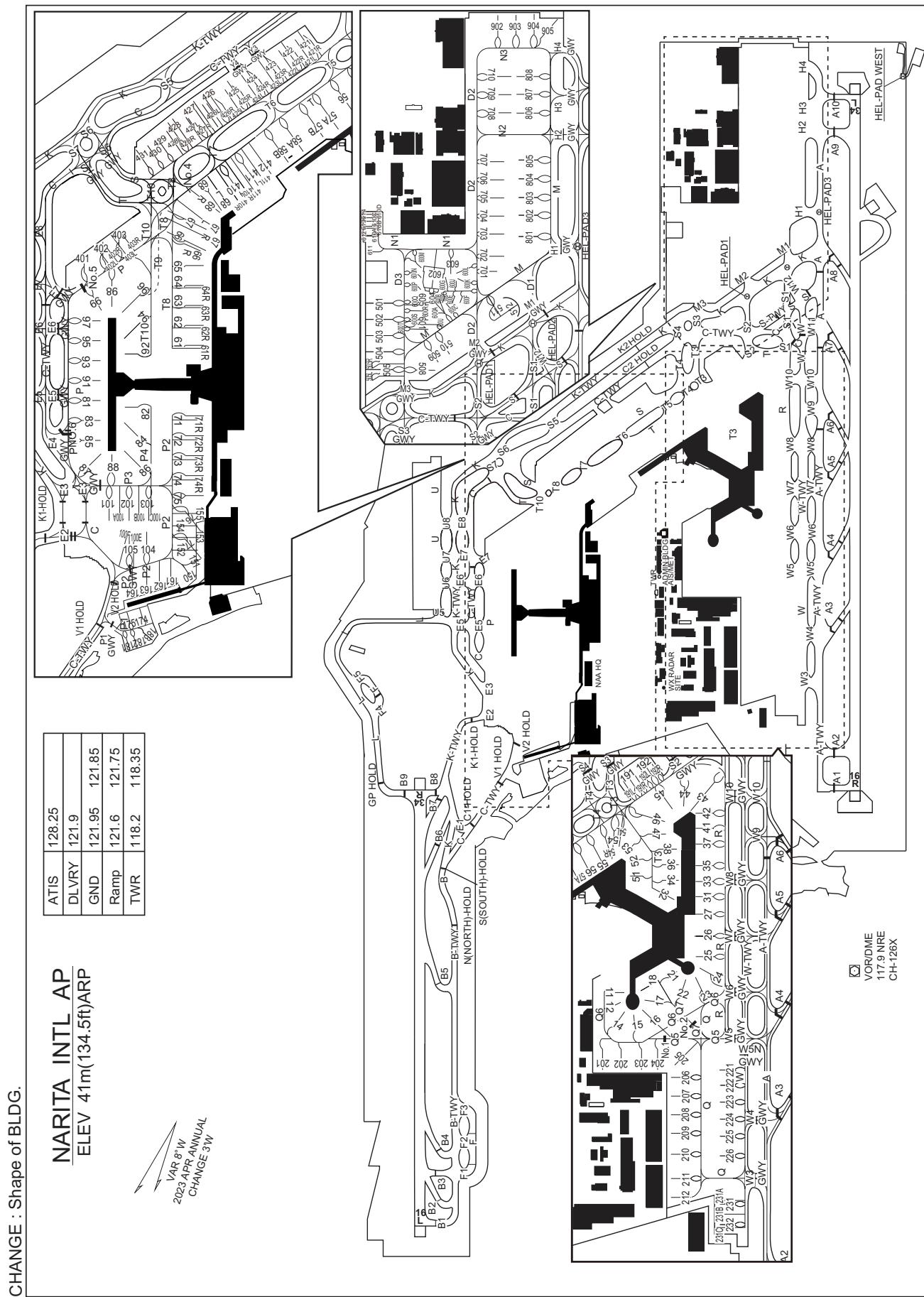
0.15m

TAXIWAY

STOP BAR LIGHTS RE

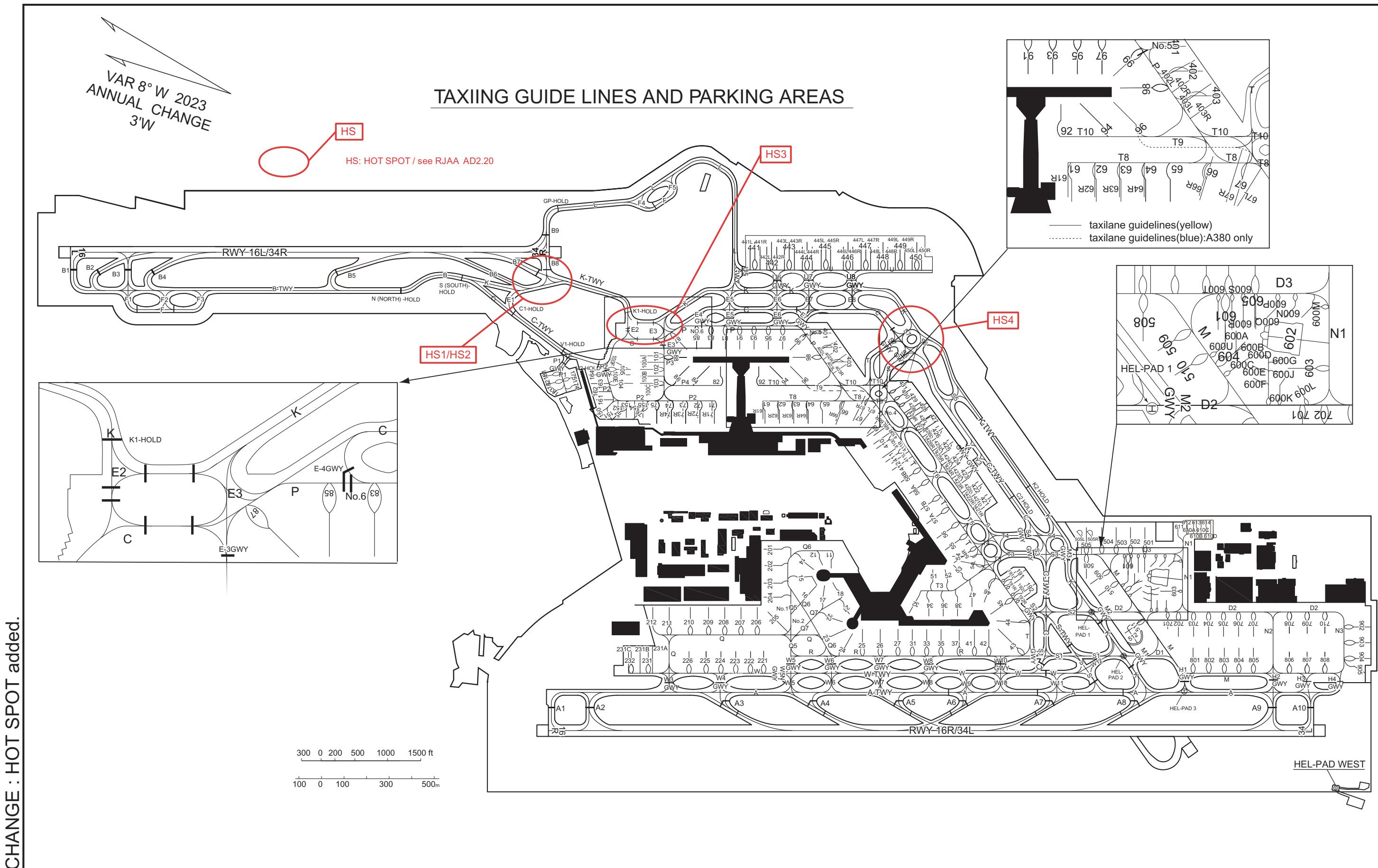
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Civil Aviation Bureau,Japan (EFF:13 JUN 2024)



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TAXIING GUIDE LINES AND PARKING AREAS



DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC
MAGNETIC VARIATION 8° W-FEB 2023

8° W-FEB 2023

AERODROME OBSTRUCTION CHART-ICAO
TYPE A (OPERATING LIMITATIONS)

NARITA INTERNATIONAL AIRPORT
RWY : 16R/34L

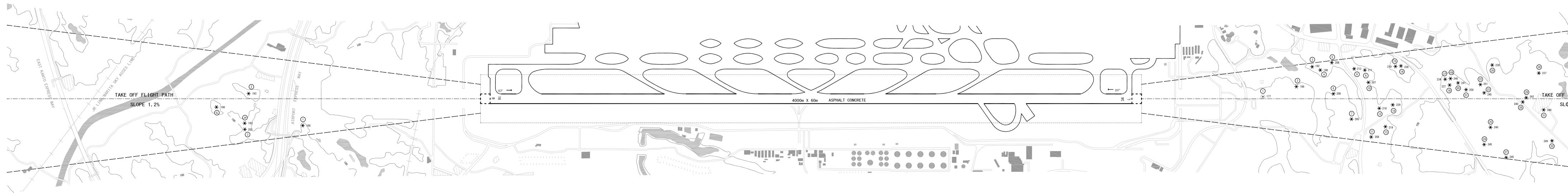
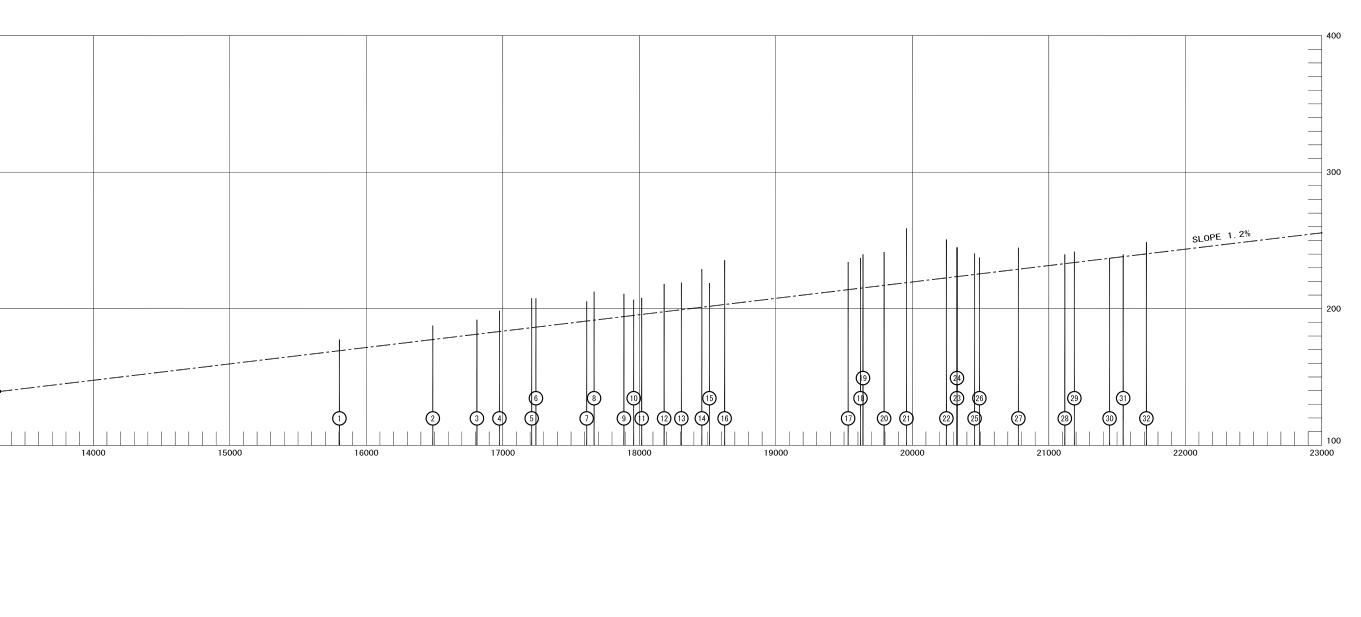
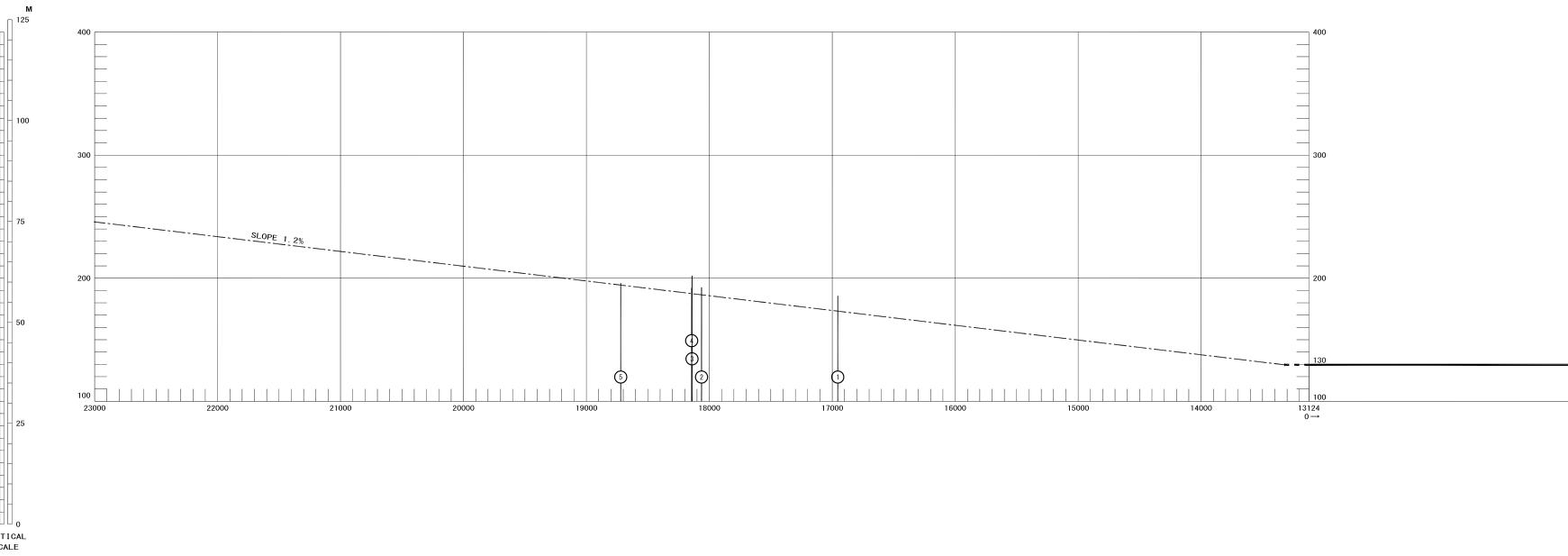
DECLARED DISTANCES

RWY 16R

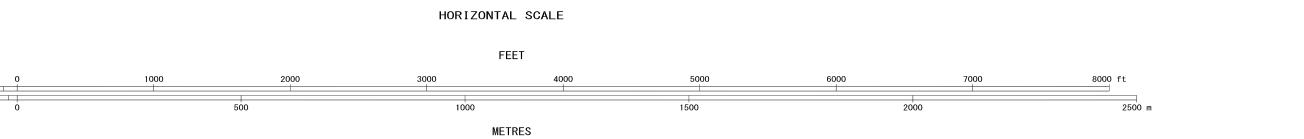
TAKE-OFF RUN AVAILABLE
4000m
ACCELERATE STOP DISTANCE AVAILABLE
4000m
LANDING DISTANCE AVAILABLE
4000m

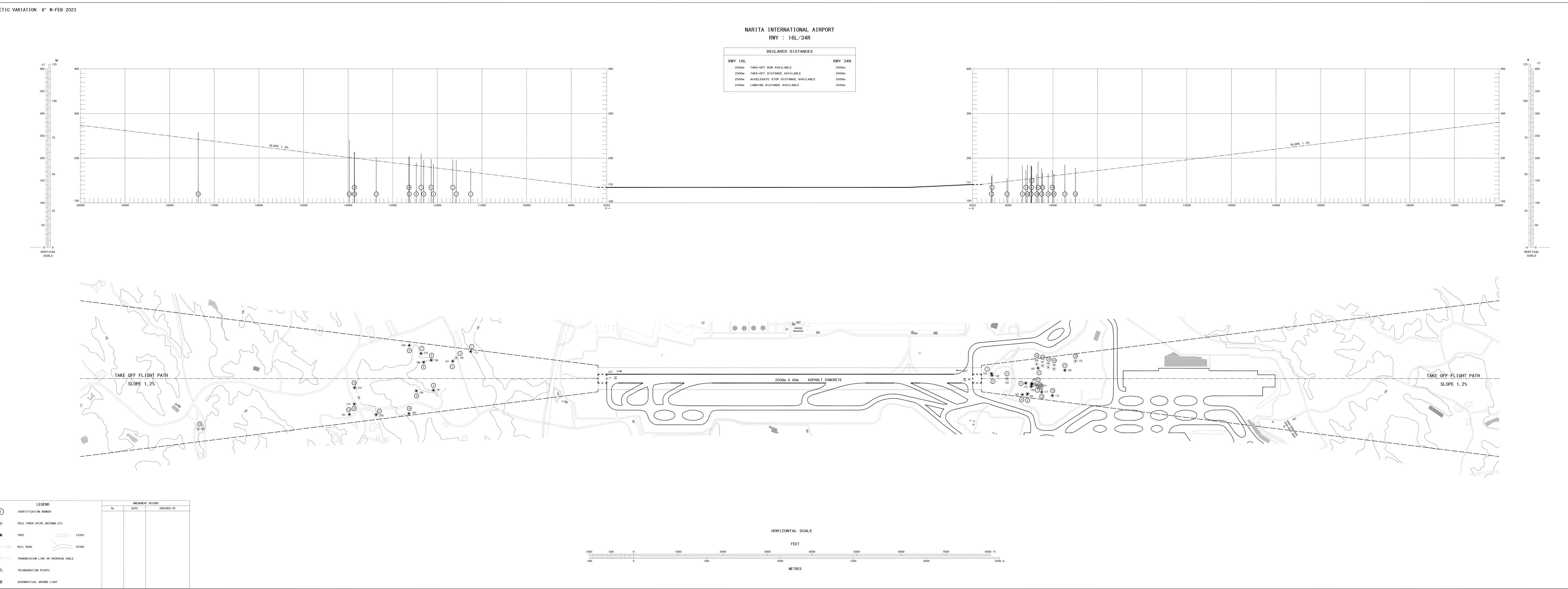
RWY 34L

4000m
4000m
4000m
4000m



| LEGEND | | AMENDMENT RECORD | | |
|--------|-------------------------------------|------------------|------|------------|
| ① | IDENTIFICATION NUMBER | Nr | DATE | ENTERED BY |
| ○ | POLE, TOWER, SPIRE, ANTENNA, ETC | | | |
| * | TREE | | | |
| + | RAIL ROAD | | | |
| — | TRANSMISSION LINE OR OVERHEAD CABLE | | | |
| △ | TRIANGULATION POINTS | | | |
| ★ | AERONAUTICAL GROUND LIGHT | | | |



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

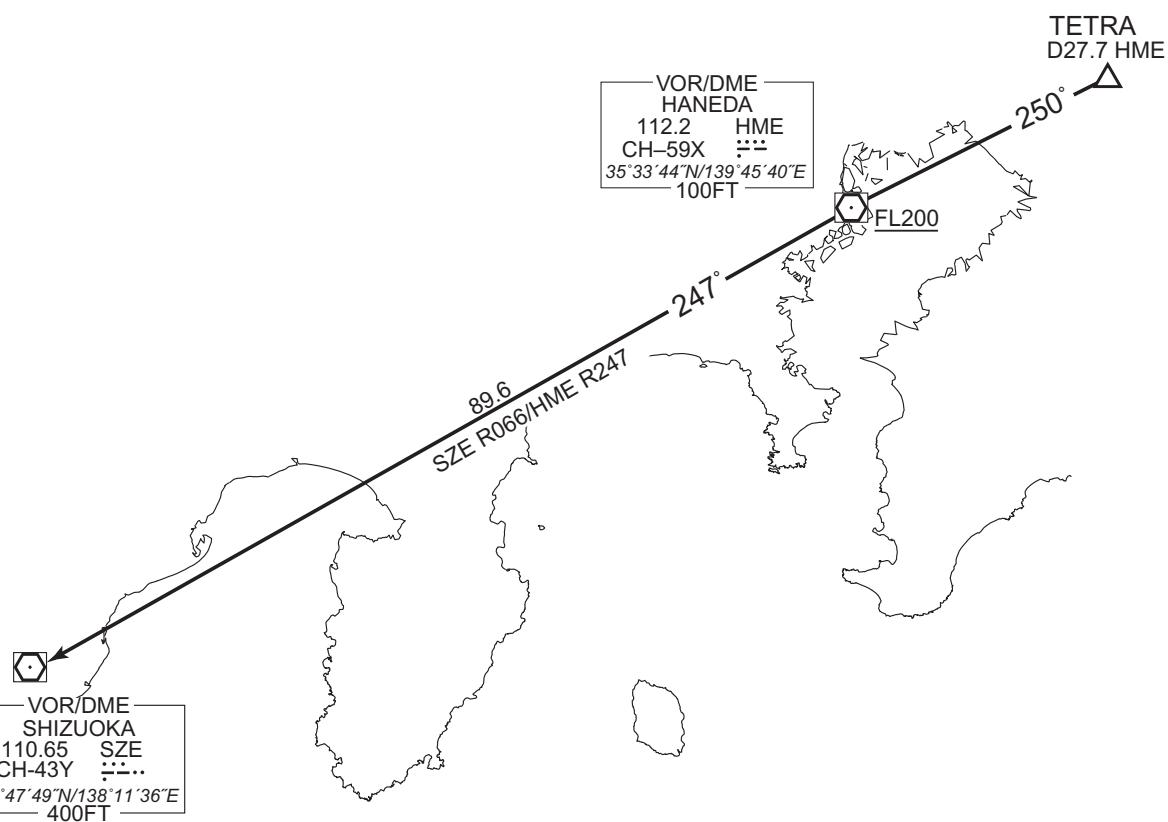
RJAA / NARITA INTL

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

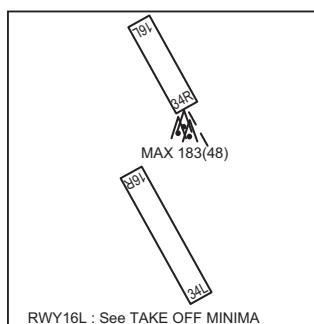
DME GAP

RWY34L : DER - 1.3NM FM DER

Inappropriate Navaids

See AD1.1.6.10.3. Inappropriate NAV AIDS for RNAV1

VAR 8° W

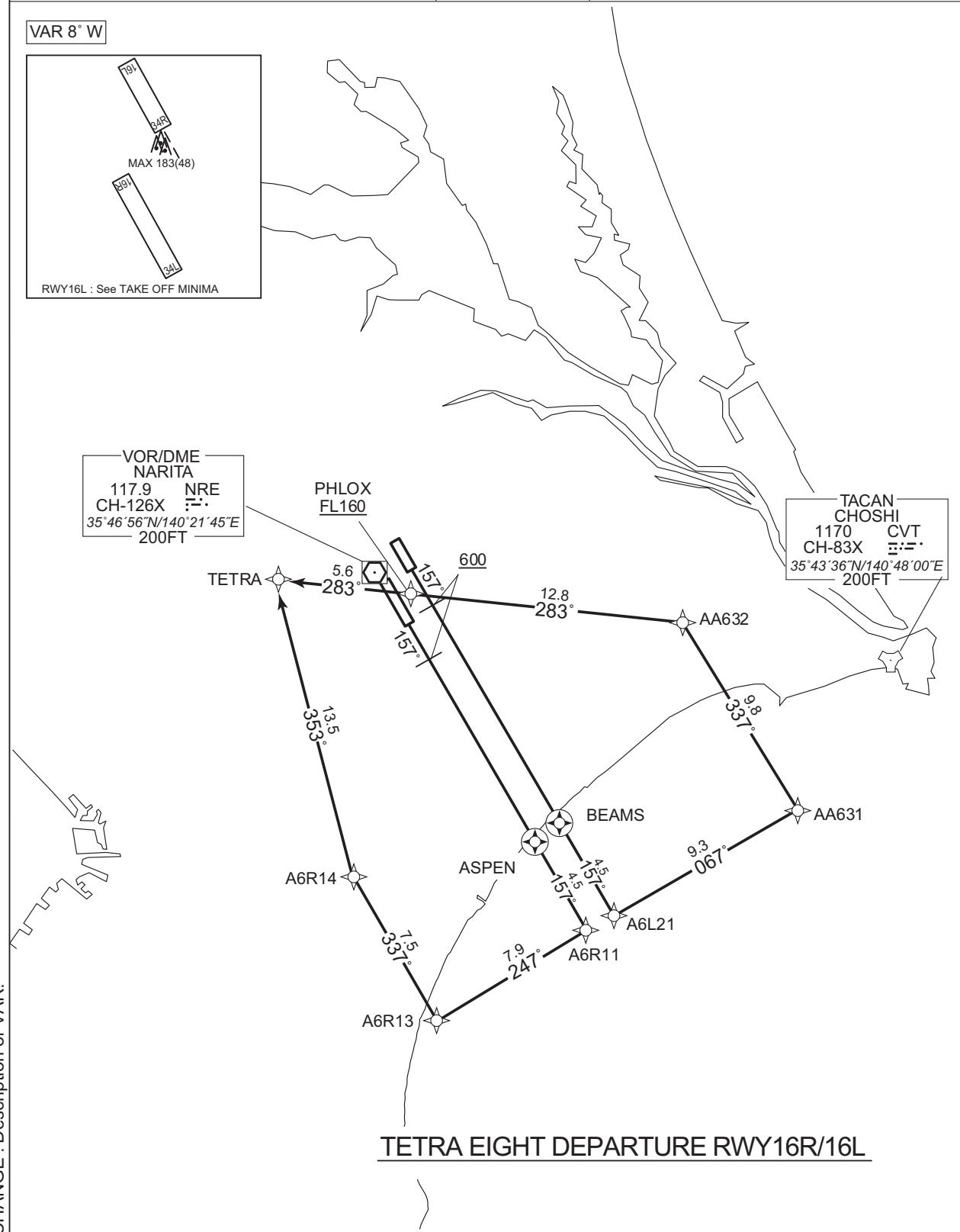


CHANGE : Description of VAR.

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



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

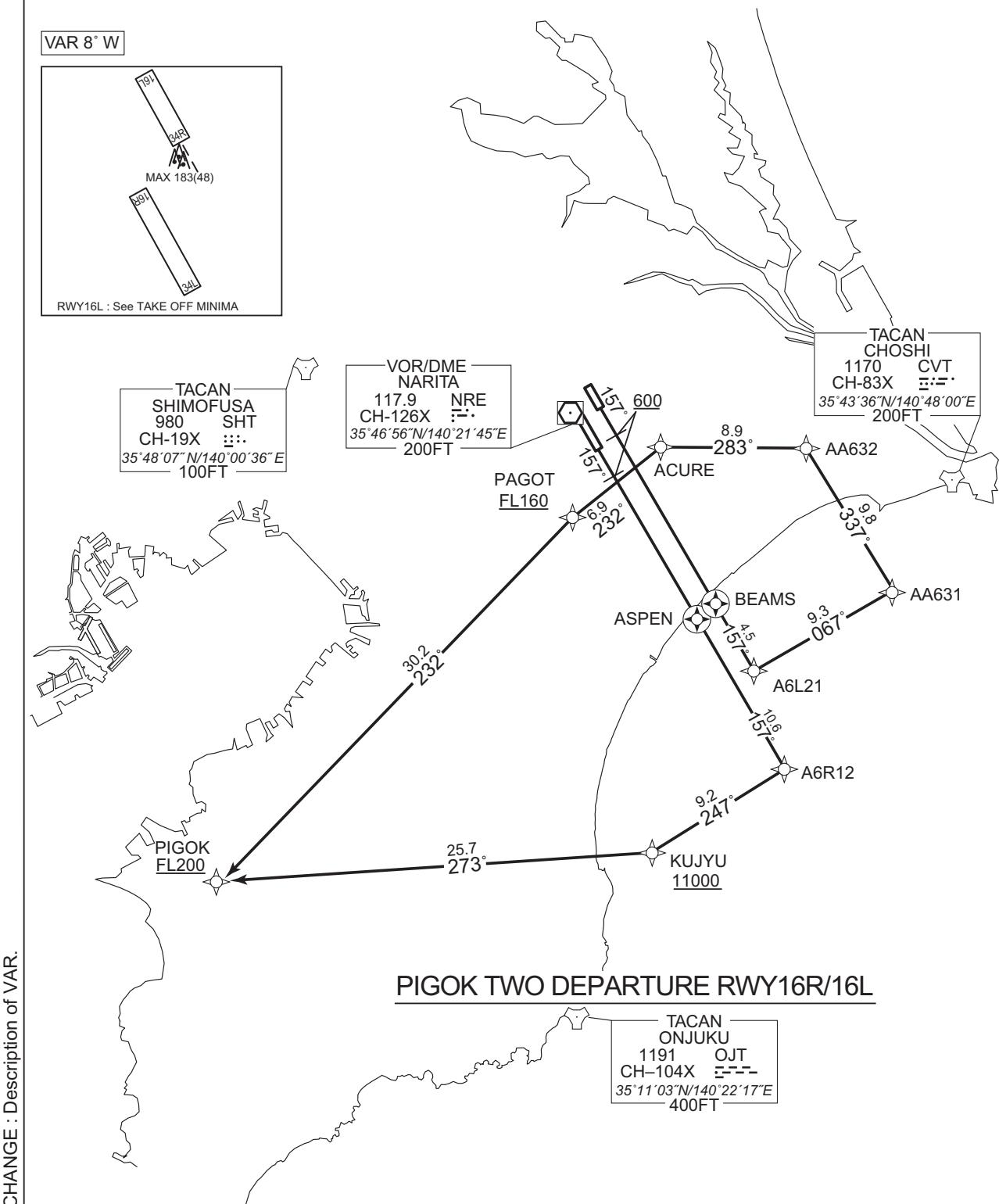
| Waypoint Identifier | Coordinates | Waypoint Identifier | Coordinates |
|---------------------|------------------------|---------------------|------------------------|
| A4L11 | 355915.6N / 1401249.1E | ARIES | 355607.4N / 1401505.9E |
| A4L12 | 360232.6N / 1401646.8E | ASPEN | 353451.0N / 1403028.1E |
| 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 |

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. | 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 NAVAVIDs 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

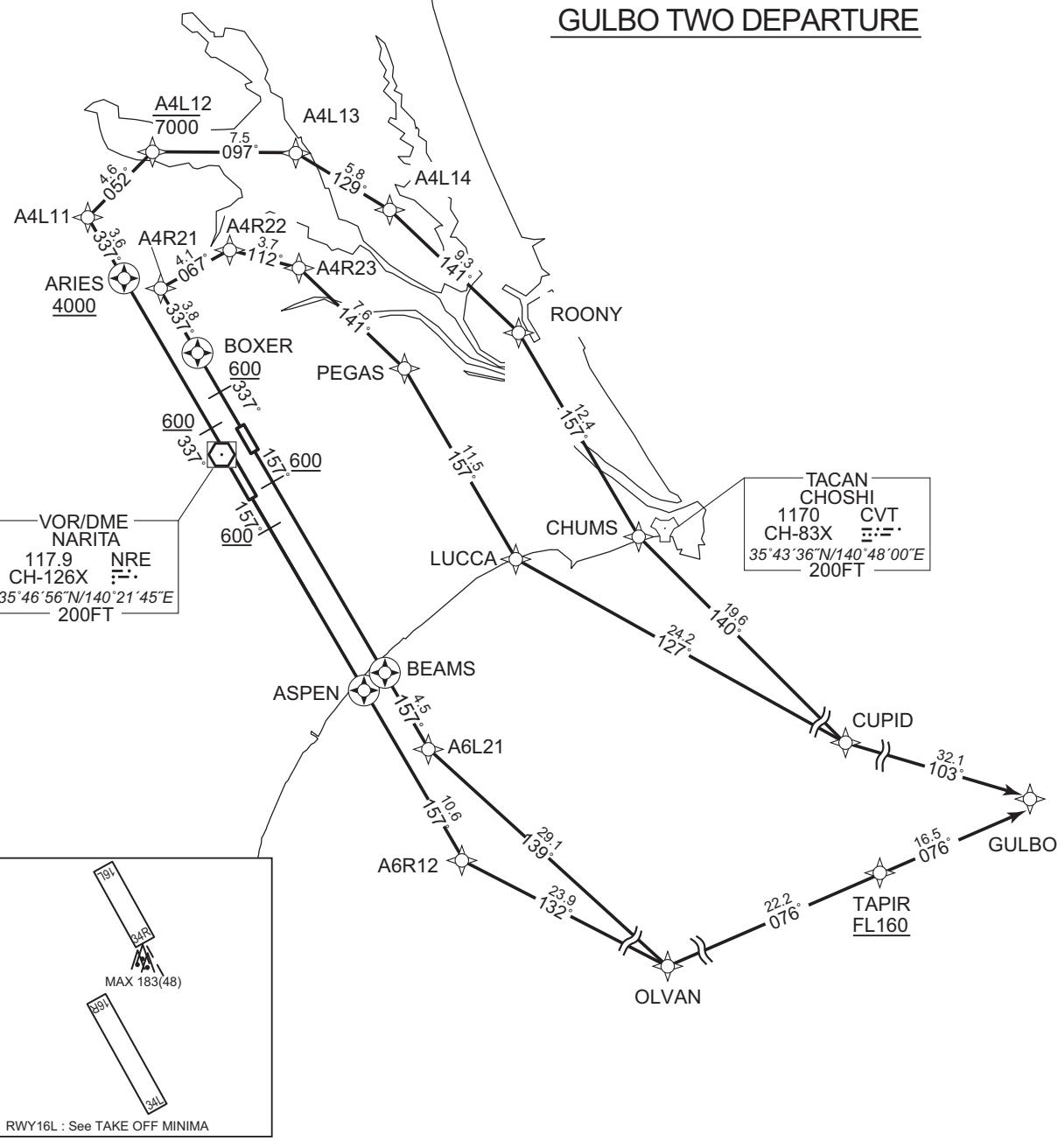
RJAA / NARITA INTL

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

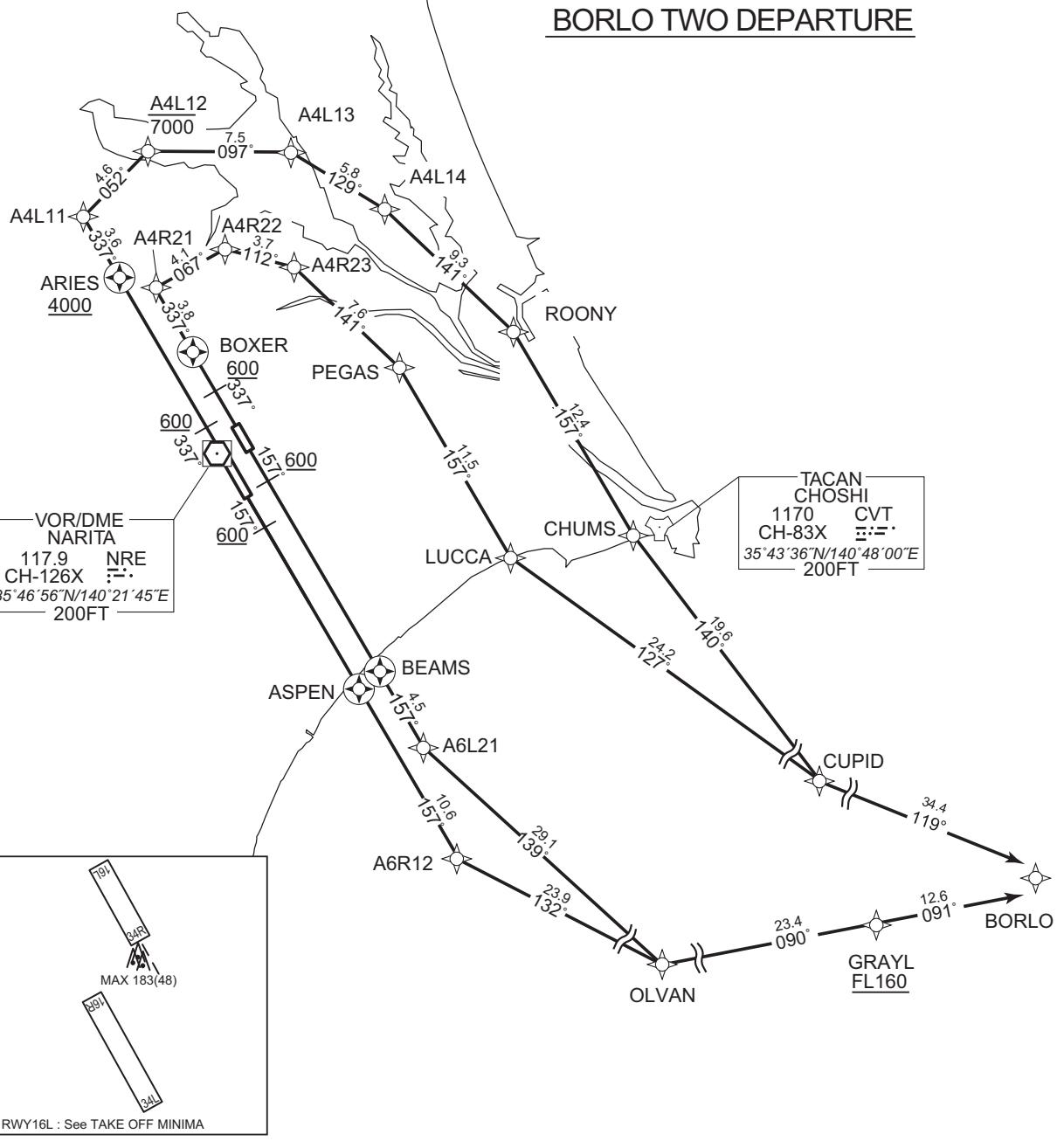
RJAA / NARITA INTL

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.

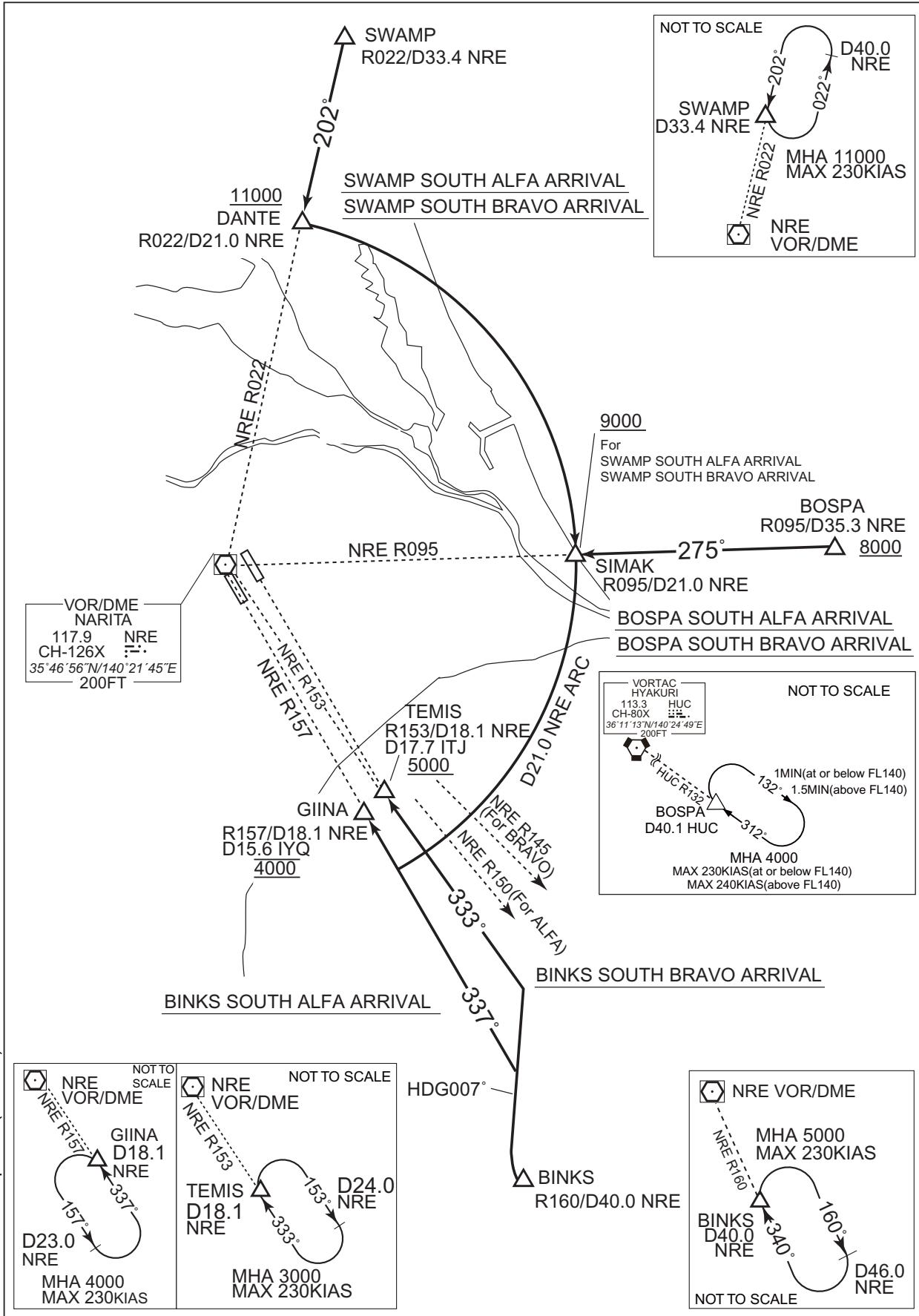
Cross DANTE at or above 11000FT, cross SIMAK at or above 9000FT, cross TEMIS at or above 5000FT.

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

RJAA / NARITA INTL

STAR RWY34L/34R



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.

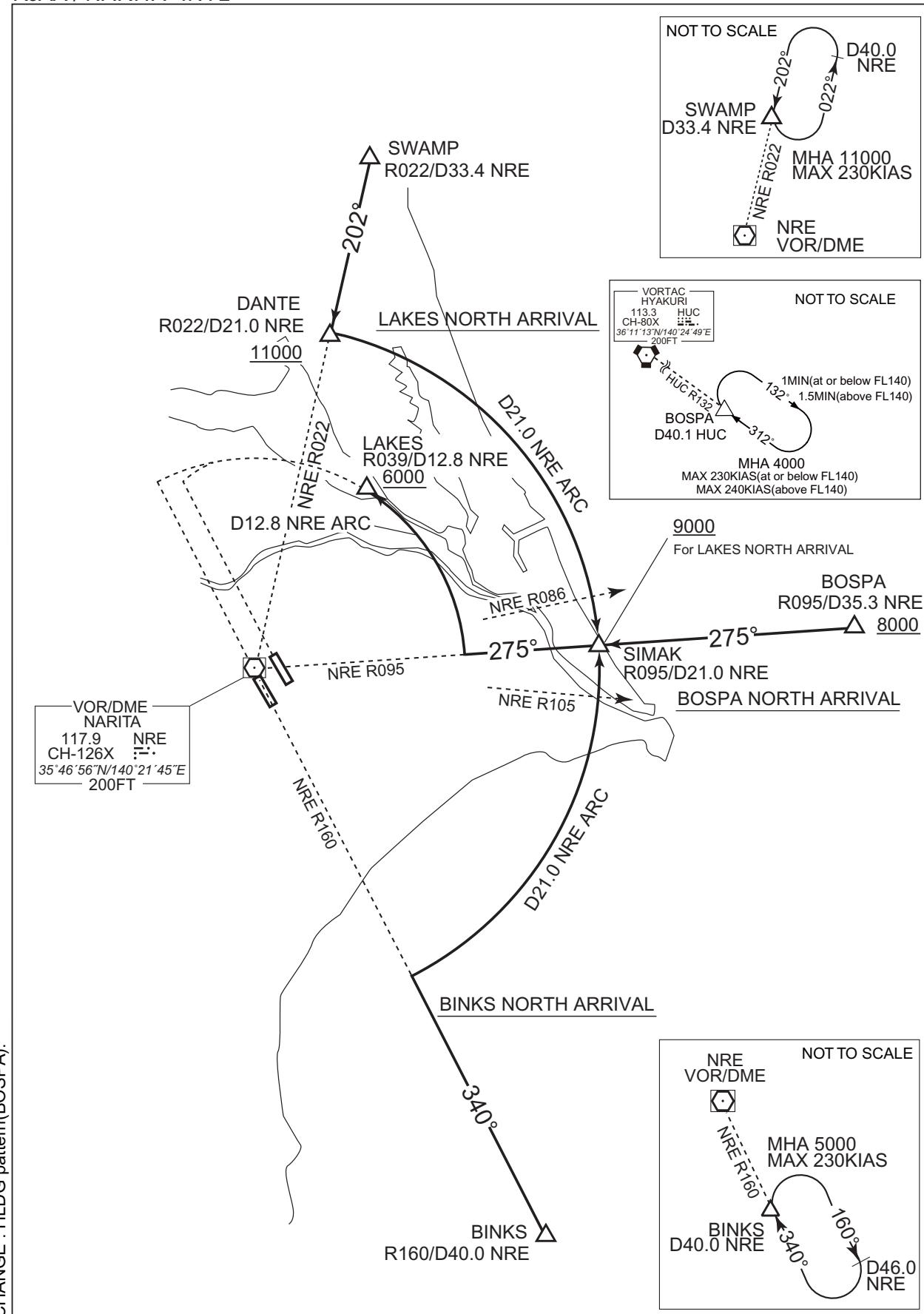
Cross DANTE at or above 11000FT, cross SIMAK at or above 9000FT, cross LAKES at or above 6000FT.

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

STANDARD ARRIVAL CHART -INSTRUMENT

RJAA / NARITA INTL

STAR RWY16R/16L



STANDARD ARRIVAL CHART - INSTRUMENT

RJAA / NARITA INTL

RNAV STAR RWY34L/34R

RNAV 1

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

RUTAS E ARRIVAL

RUTAS T ARRIVAL

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

2) RADAR service required.

VAR 8° W

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

NOT TO SCALE

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

TYLER

151° 337°

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

NOT TO SCALE

MAX 230KIAS(at or below FL140)

MAX 240KIAS(above FL140)

PEAKS

1718

1MIN(at or below FL140)

1.5MIN(above FL140)

MHA 6000 NOT TO SCALE

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

VENUS

013° 193°

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

NOT TO SCALE

MHA 6000

MAX 230KIAS(at or below FL140)

MAX 240KIAS(above FL140)

RUTAS

065°

245°

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

RUTAS E ARRIVAL

TACAN
CHOSHI
1170 CVT
CH-83X \approx
 $35^{\circ}43'36''N/140^{\circ}48'00''E$
200ET

MHA 3000 NOT TO SCALE

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

043° 223°

ELGAR

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

RUTAS TARRIVAL

JARED 

AA452

-3°

MHA 4000 NOT TO SCALE

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

043° 223°

CORG1

MHA 5000 NOT TO SCALE
 MAX 230KIAS(at or below FL140)
 MAX 240KIAS(above FL140)

AQUOS


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

CHANGE: Description of HL DG pattern.

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

RNAV 1

SWAMP E ARRIVAL SWAMP T ARRIVAL

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

VAR 8° W

NOT TO SCALE

NOT TO SCALE
MHA 3000
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)

MHA 6000 NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)

MAX 240FLAC (above FL 140)

KARMA

168° 348°

NOT TO SCALE

The diagram shows a compass rose pointing North. A curved arrow starts at the compass rose and turns clockwise to point towards the text "NOT TO SCALE". The angle of the turn is labeled "205°". Another curved arrow continues from the first one, turning further clockwise to point towards the text "MAX 230KIAS(at or below FL140)". The angle of this second turn is labeled "025°".

SWAMP

VIXEN 11000

PLEIA

MIFFY 9000

KAI 6000

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

UNARI

CORGI

ELGAR

TYLER

PEAKS 6000

SWAMP T ARRIVAL

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

NOT TO SCALE

MHA 4000
MAX 230KIAS(at or below FL 140)

MHA 9000

NOT TO SCALE

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



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

CHANGE: Description of HLDG pattern.

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

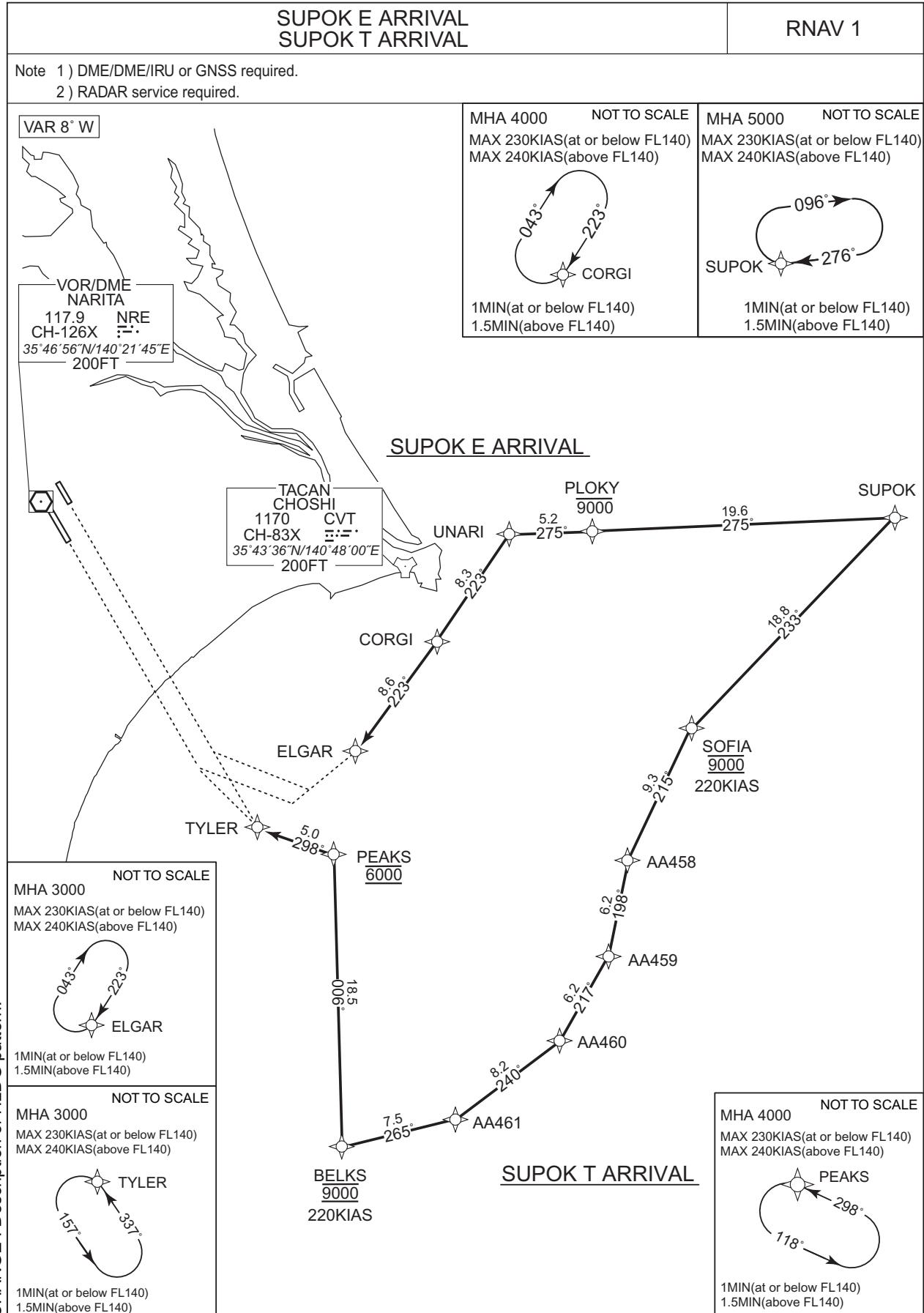
Waypoint Coordinates

| 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



CHANGE : Description of HLDG pattern.

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 |

CHANGE : HLDG Pattern (PEAKS) established

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 | | |

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 |

CHANGE : New PROC

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

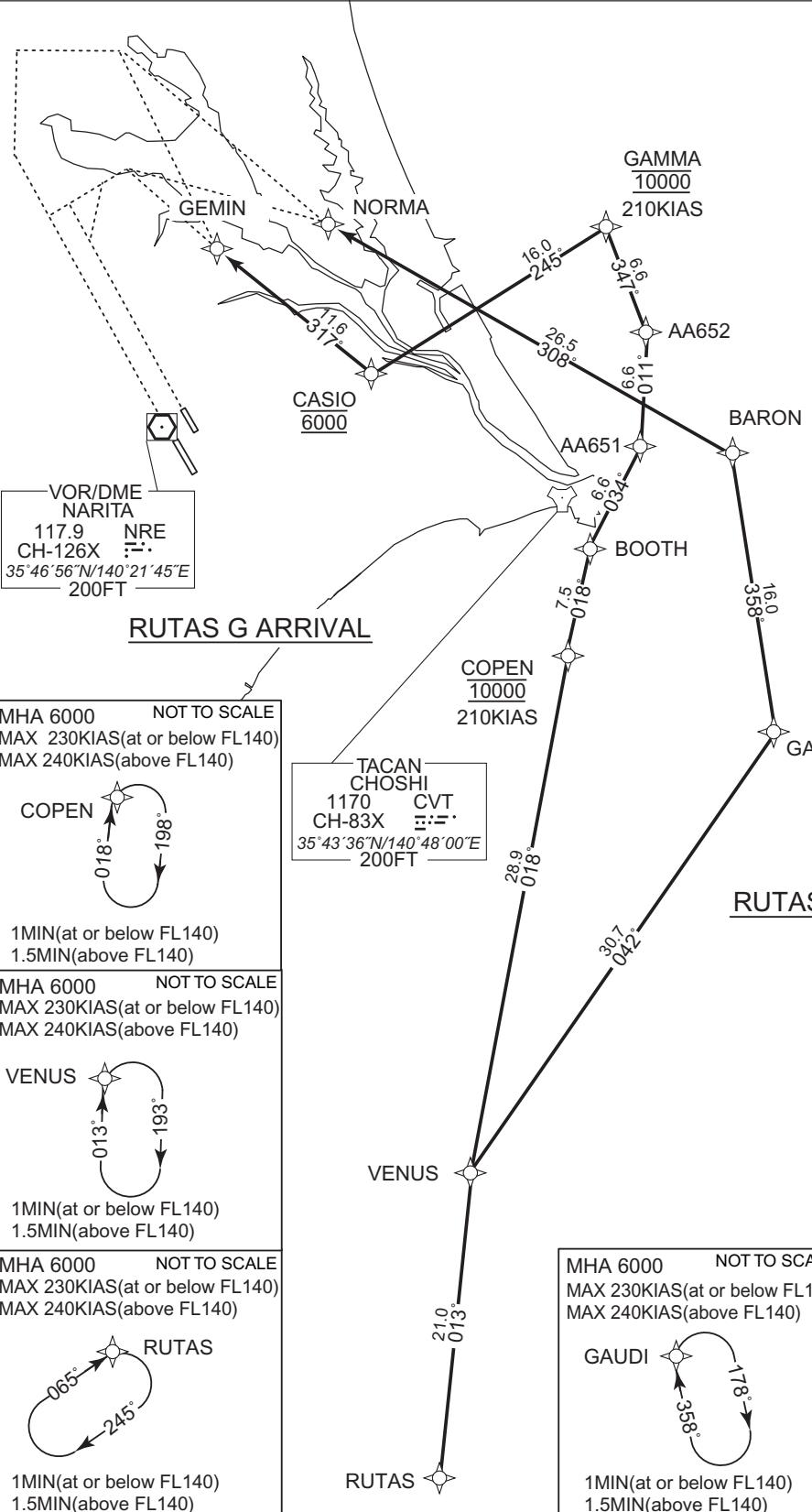
RNAV STAR RWY16R/16L

RUTAS G ARRIVAL
RUTAS N ARRIVAL

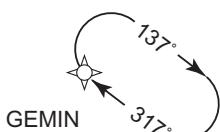
RNAV 1

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

VAR 8° W

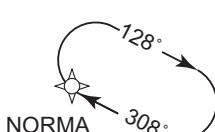


MHA 4000 NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)



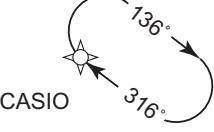
1MIN(at or below FL140)
1.5MIN(above FL140)

MHA 6000 NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)



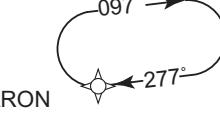
1MIN(at or below FL140)
1.5MIN(above FL140)

MHA 4000 NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)



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

MHA 6000 NOT TO SCALE
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

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 NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)

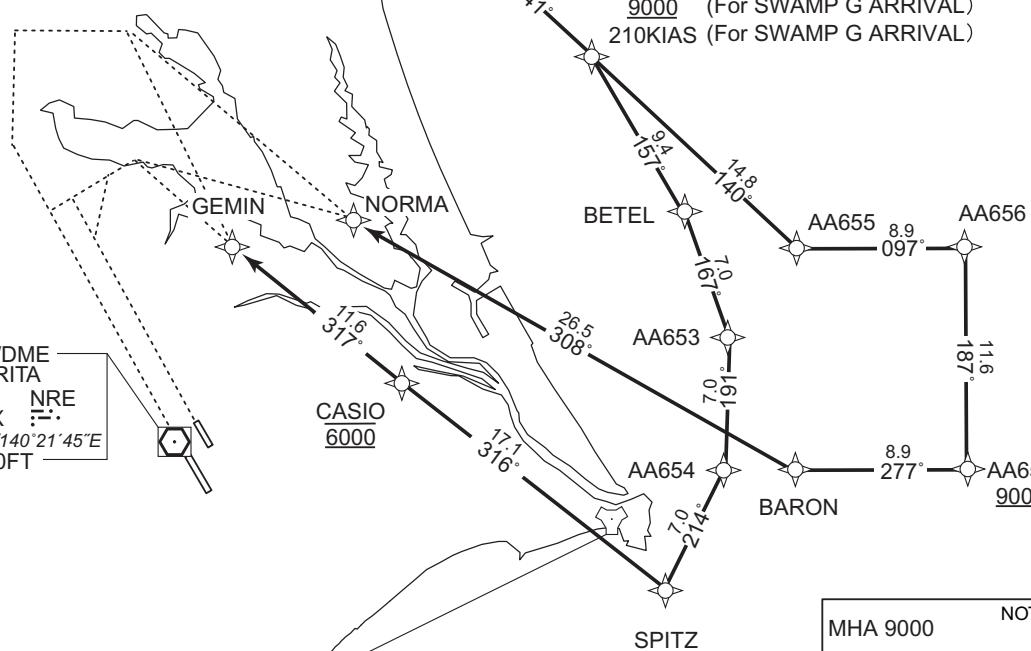
VAR 8° W

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

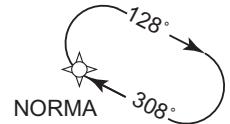
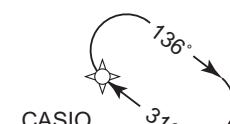
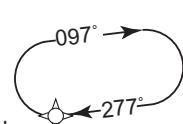
SWAMP

VIXEN

11000

SWAMP N ARRIVALPLEIA
9000 (For SWAMP G ARRIVAL)
210KIAS (For SWAMP G ARRIVAL)NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)1MIN(at or below FL140)
1.5MIN(above FL140)

CHANGE : Description of HLDG pattern.

MHA 4000 NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)1MIN(at or below FL140)
1.5MIN(above FL140)MHA 6000 NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)1MIN(at or below FL140)
1.5MIN(above FL140)MHA 4000 NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)1MIN(at or below FL140)
1.5MIN(above FL140)MHA 6000 NOT TO SCALE
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

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

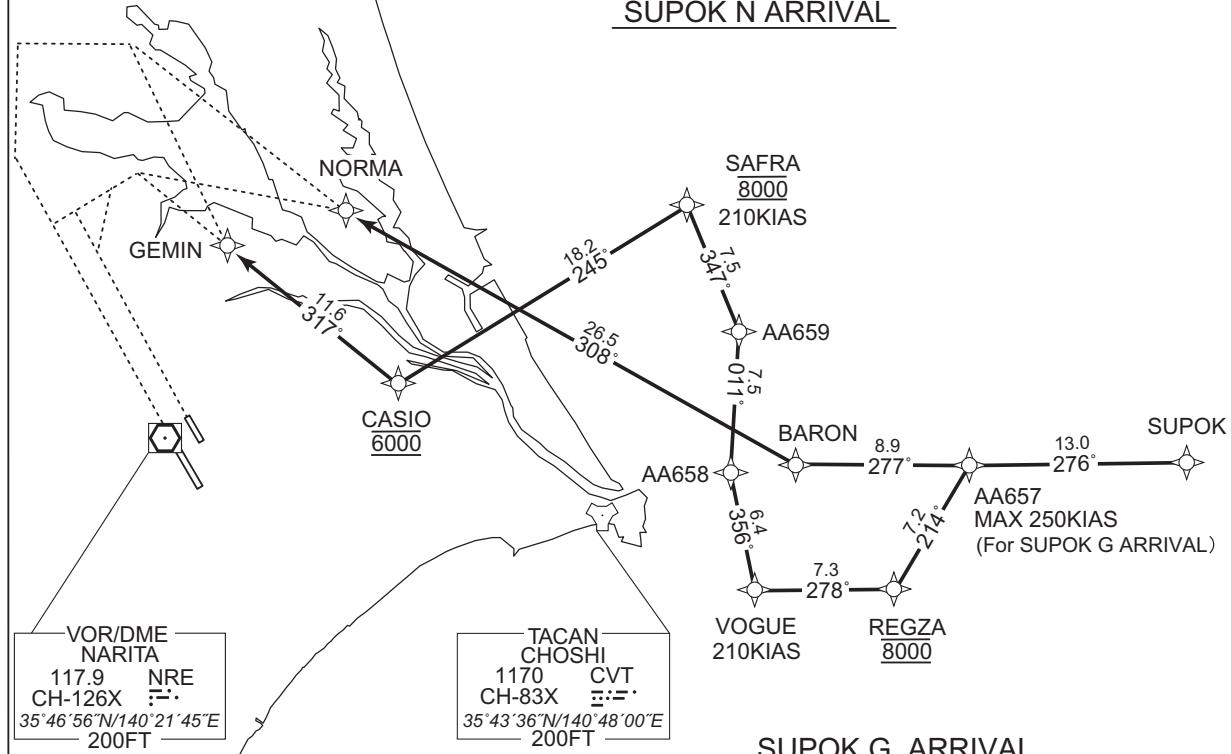
Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.

| | | |
|--|--|--|
| MHA 4000 NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140) | MHA 6000 NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140) | MHA 5000 NOT TO SCALE 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) |

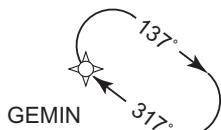
VAR 8° W

SUPOK N ARRIVAL



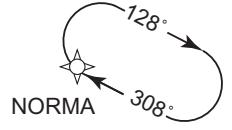
CHANGE : Description of HLDG pattern.

MHA 4000
NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)



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

MHA 6000
NOT TO SCALE
MAX 230KIAS(at or below FL140)
MAX 240KIAS(above FL140)



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

SUPOK G ARRIVAL

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

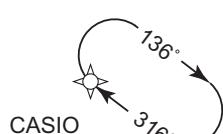
LUBLA G ARRIVAL
LUBLA N ARRIVAL

RNAV 1

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

2) RADAR service required.

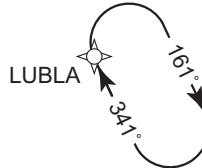
| | | |
|--|--|--|
| MHA 4000 NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140) | MHA 6000 NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140) | MHA 5000 NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140) |
|--|--|--|

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

| |
|--|
| MHA 6000 NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140) |
|--|

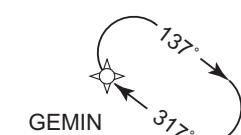
BARON

| |
|--|
| MHA 5000 NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140) |
|--|

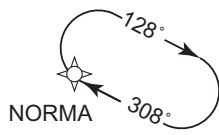
1MIN(at or below FL140)
1.5MIN(above FL140)

VAR 8° W

| |
|--|
| MHA 4000 NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140) |
|--|

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

| |
|--|
| MHA 6000 NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140) |
|--|

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

LUBLA N ARRIVAL

GEMIN

NORMA

CASIO
6000

SAFRA

8000

210KIAS

AA659

AA658

BARON

VOGUE

210KIAS

REGZA

8000

(For LUBLA G ARRIVAL)

LUBLA

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

CHANGE : Description of HLDG pattern.

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 |

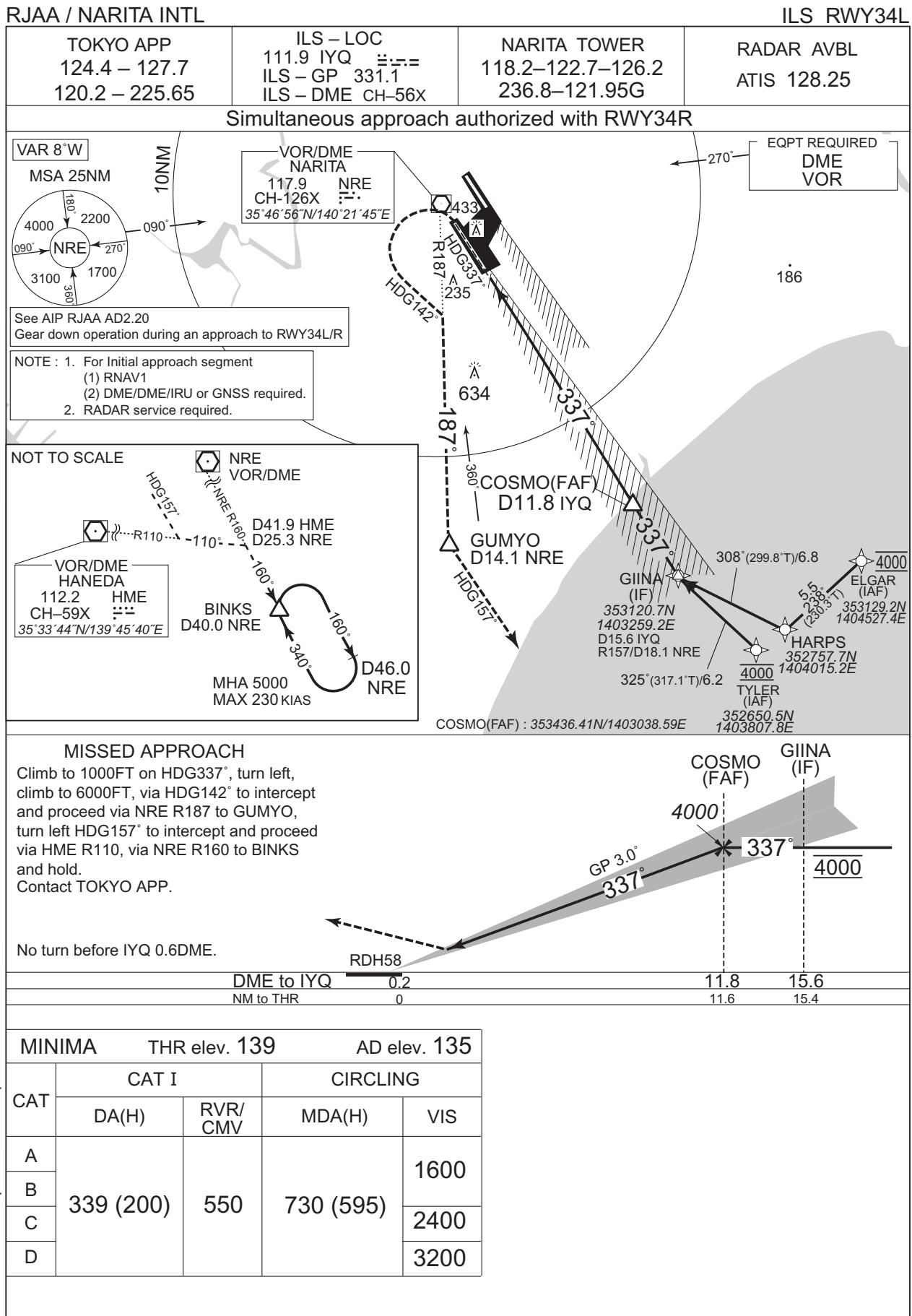
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 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 |

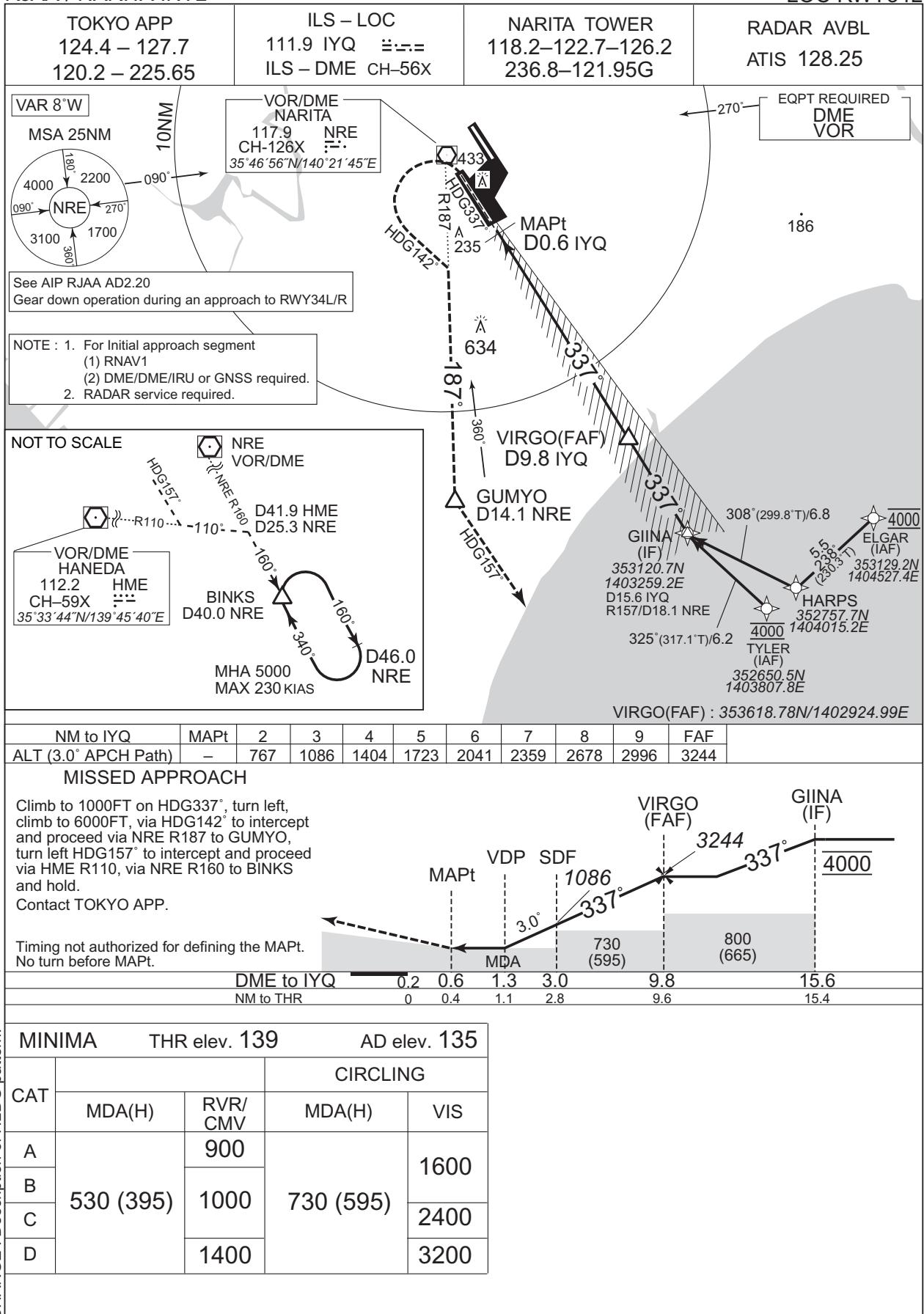
INSTRUMENT APPROACH CHART



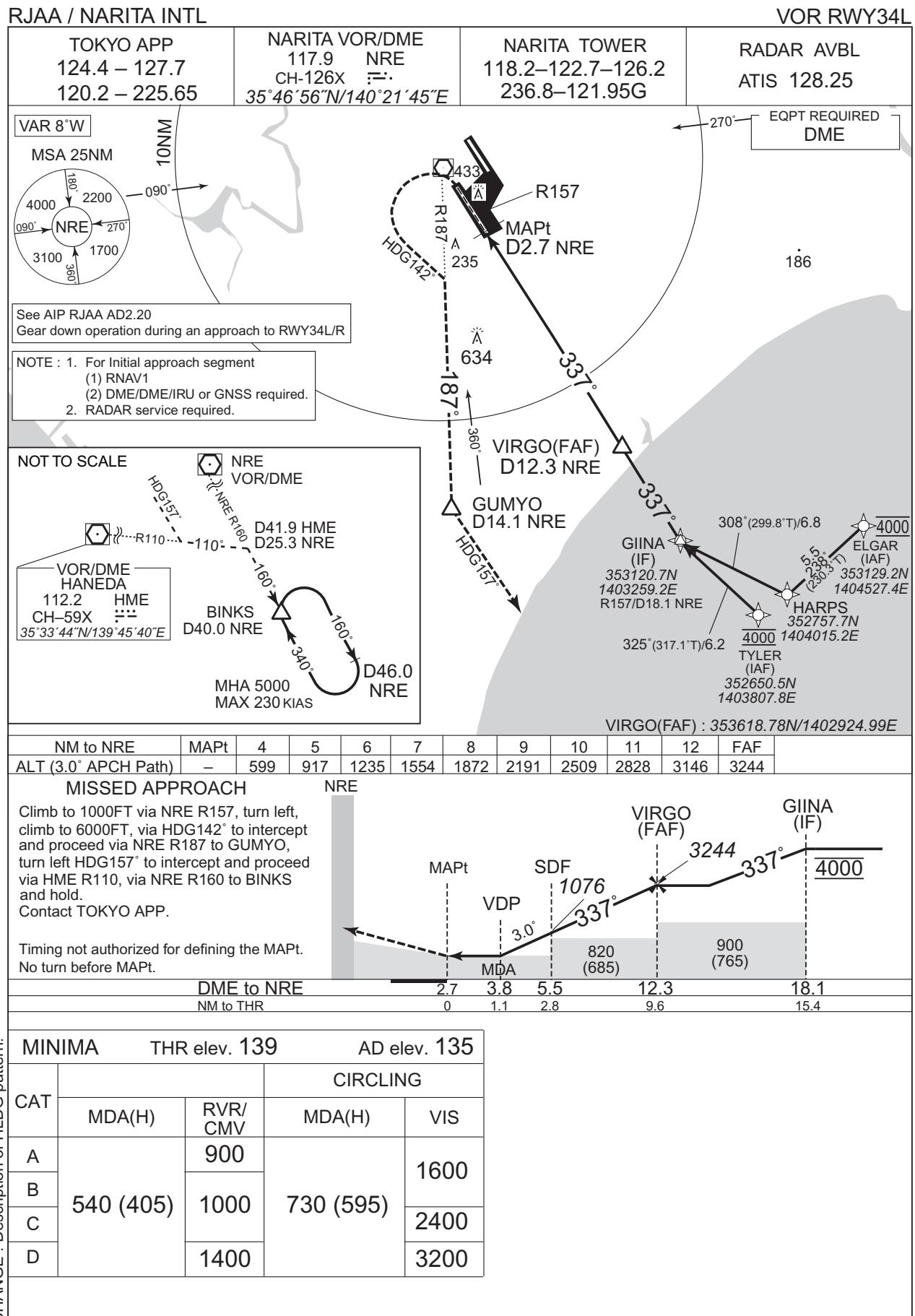
INSTRUMENT APPROACH CHART

RJAA / NARITA INTL

LOC RWY34L



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJAA / NARITA INTL

ILS Z RWY34R

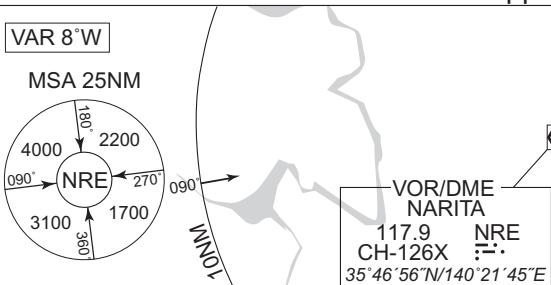
TOKYO APP
124.4 – 127.7
120.2 – 225.65

ILS – LOC
110.9 ITJ
ILS – GP 330.8
ILS – DME CH-46X

NARITA TOWER
118.35–122.7–126.2
236.8–121.85G

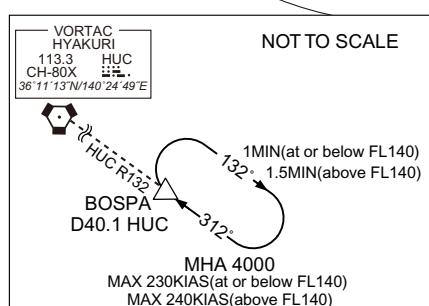
RADAR AVBL
ATIS 128.25

Simultaneous approach authorized with RWY34L



See AIP RJAA AD2.20
Gear down operation during an approach to RWY34L/R

NOTE : 1. For initial approach segment
(1) RNAV1
(2) DME/DME/IRU or GNSS required.
2. RADAR service required.



LAPIS(FAF) : 353437.27N/1403233.16E

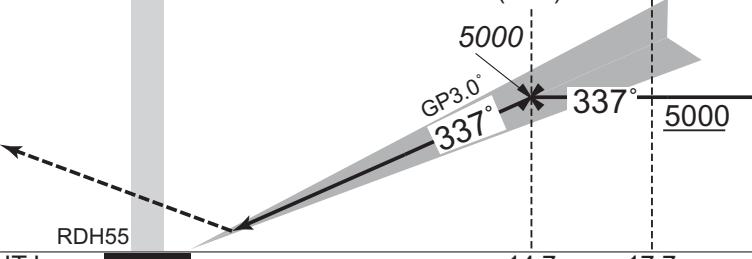
MISSSED APPROACH

Climb to 700FT on HDG337°,
turn right HDG140° to intercept
and proceed via NRE R095 to
BOSPA and hold at 8000FT.
Contact TOKYO APP.

NRE

LAPIS (FAF)

TEMIS (IF)



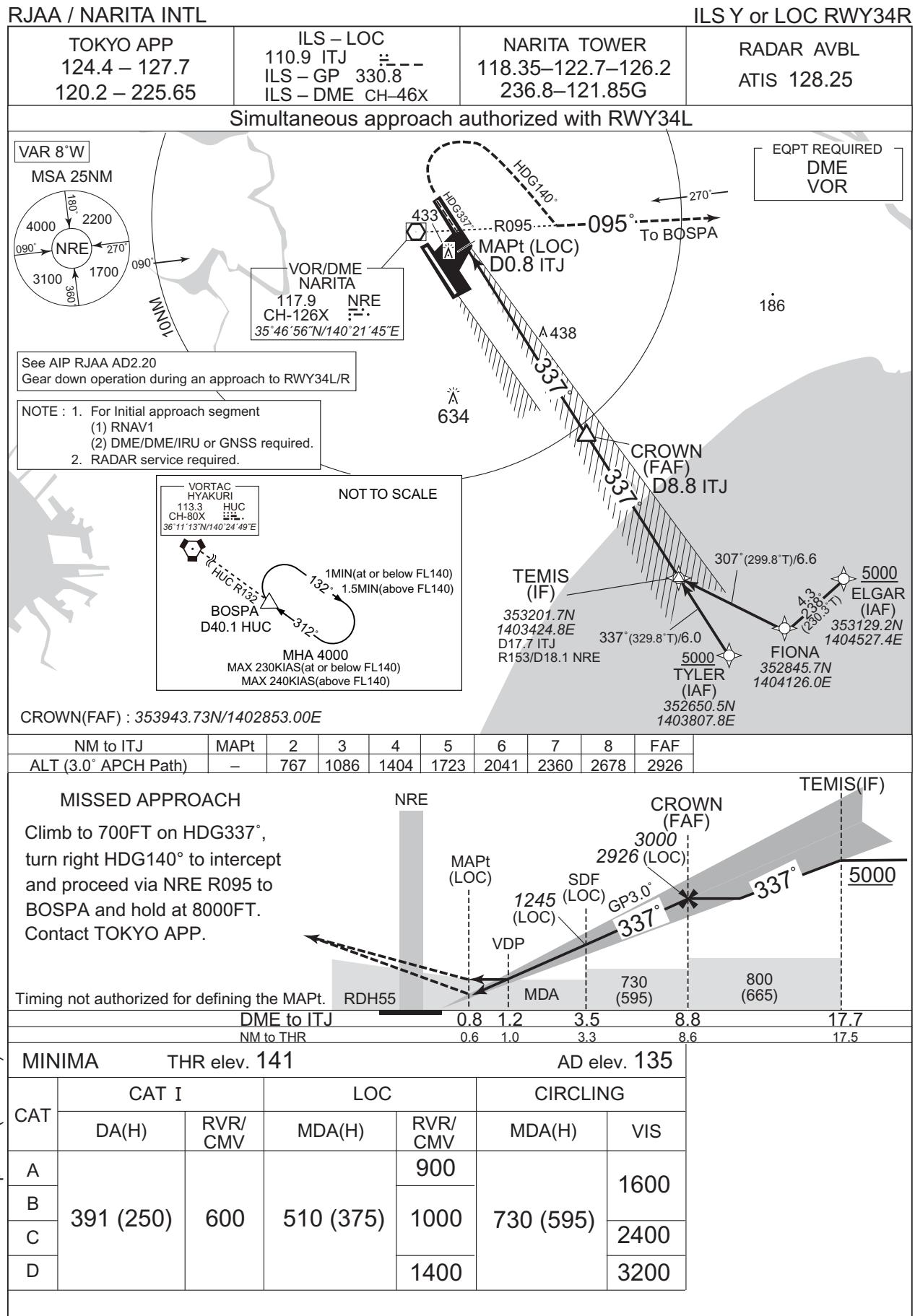
DME to ITJ
NM to THR

MINIMA THR elev. 141 AD elev. 135

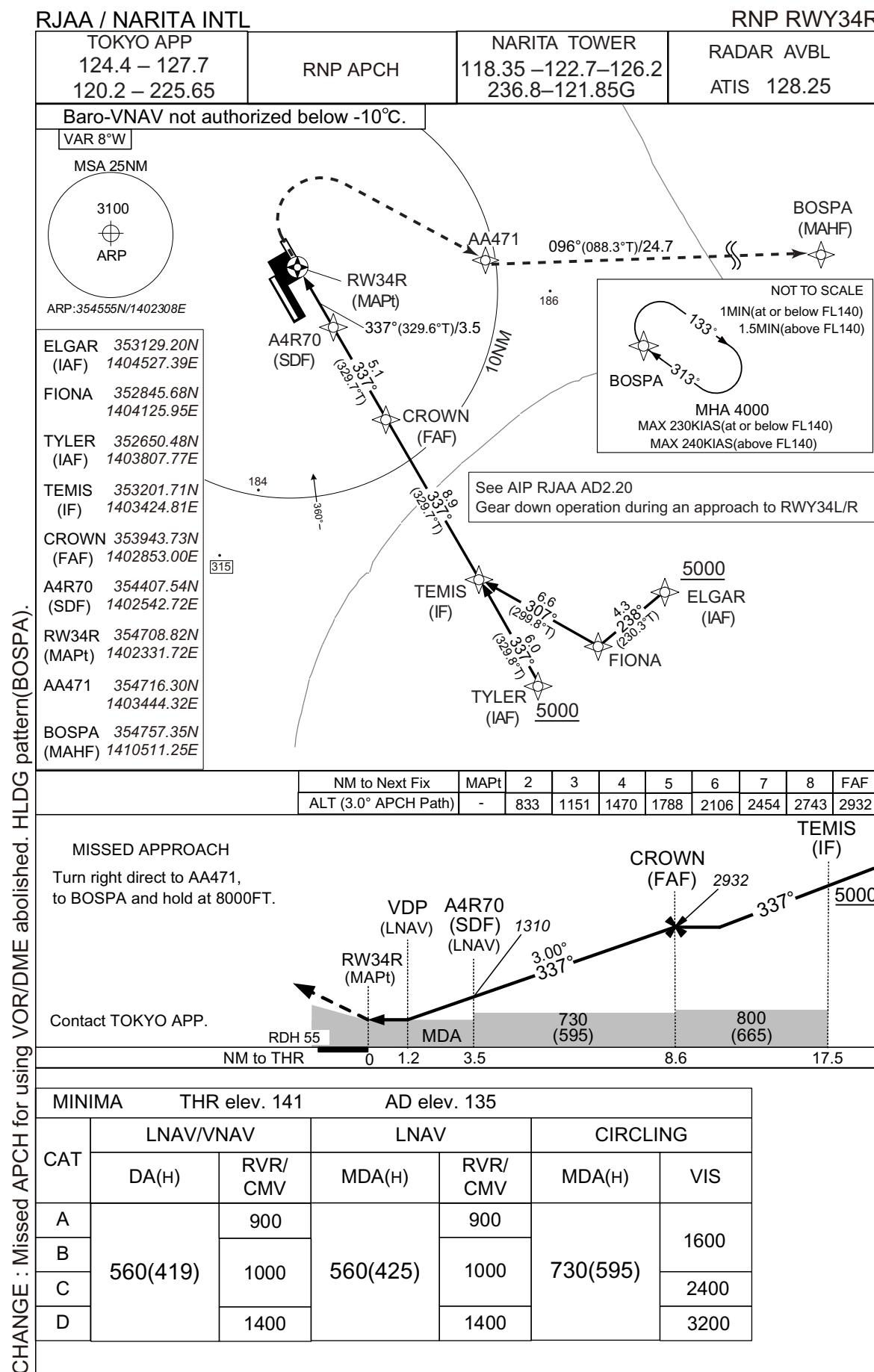
CHANGE : HDG pattern(BOSPA).

| CAT | CAT I | | CIRCLING | |
|-----|-----------|-------------|-----------|------|
| | DA(H) | RVR/ CMV | MDA(H) | VIS |
| A | | | | 1600 |
| B | 391 (250) | 600 | 730 (595) | 2400 |
| C | | | | 3200 |
| D | | | | |

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

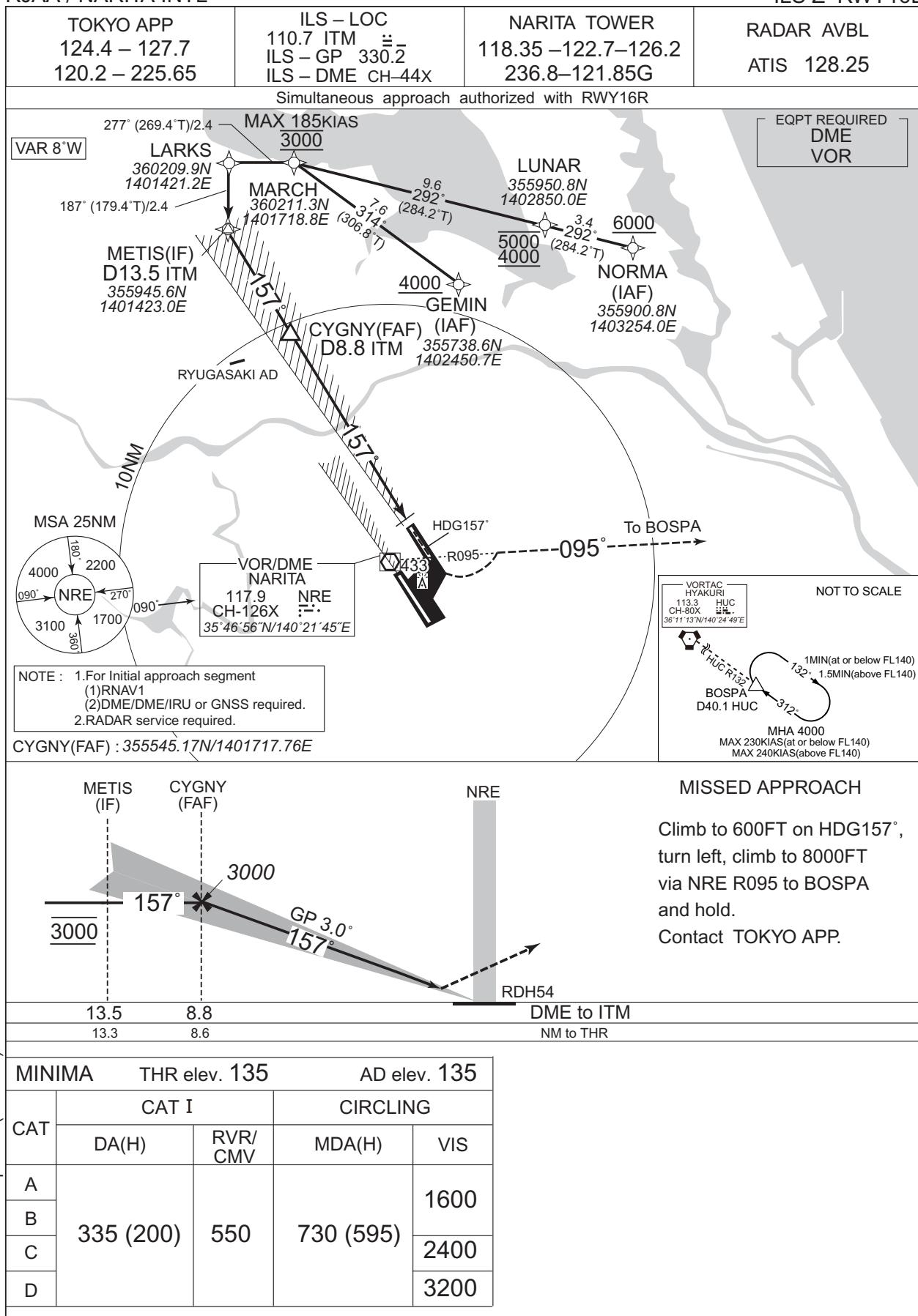
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJAA / NARITA INTL

ILS Z RWY16L



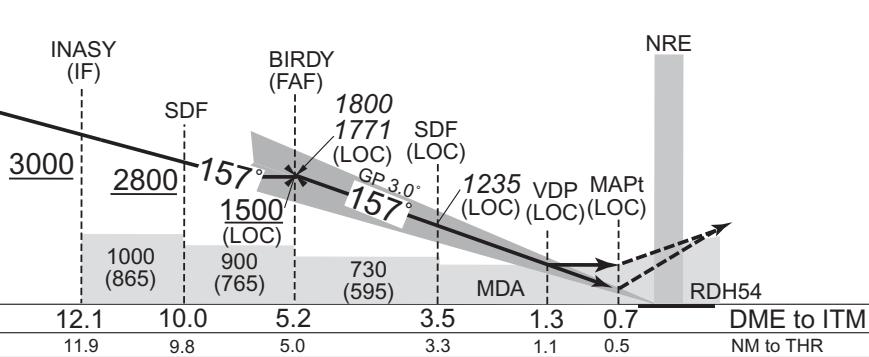
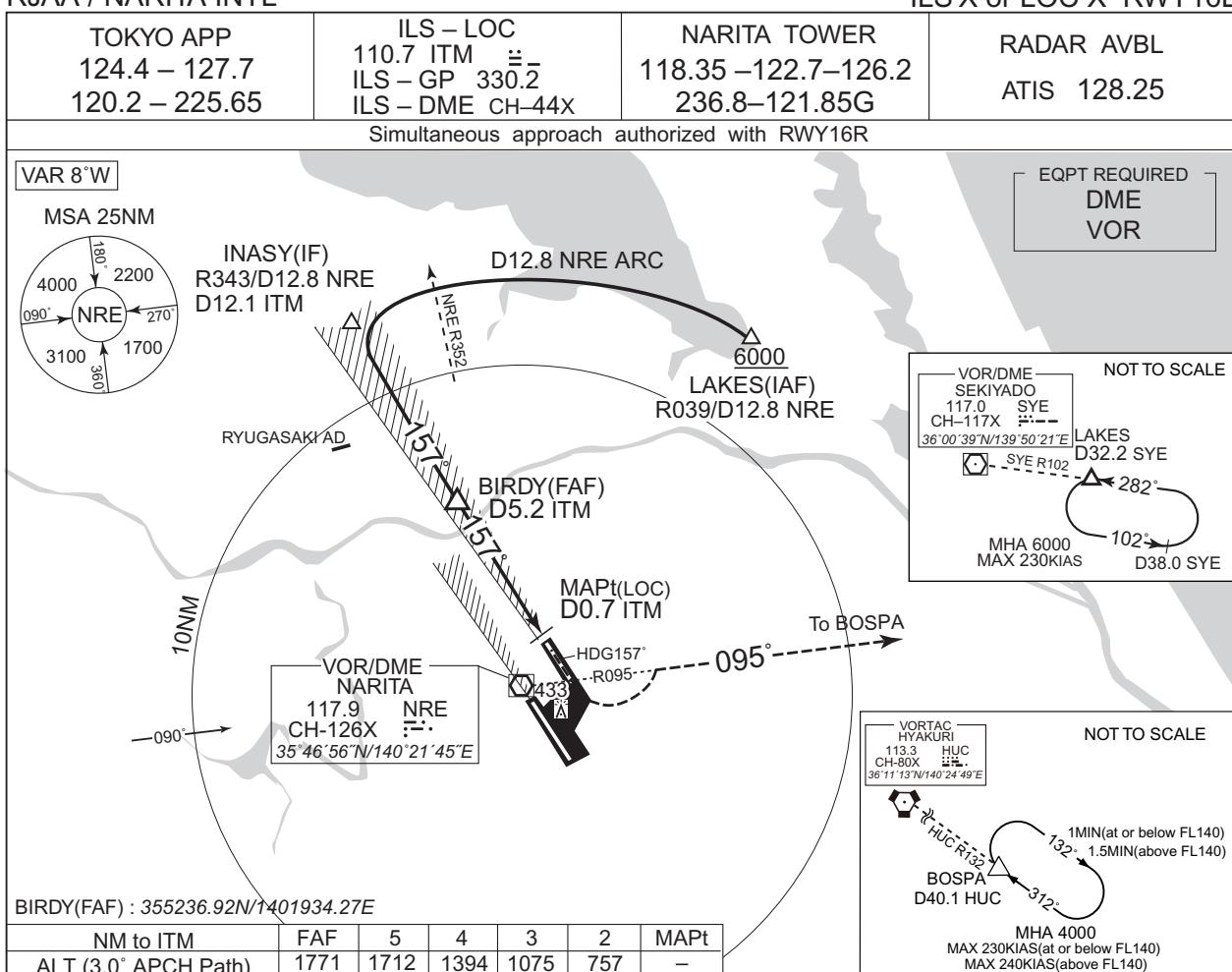
INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJAA / NARITA INTL

ILS X or LOC X RWY16L



MISSSED APPROACH

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

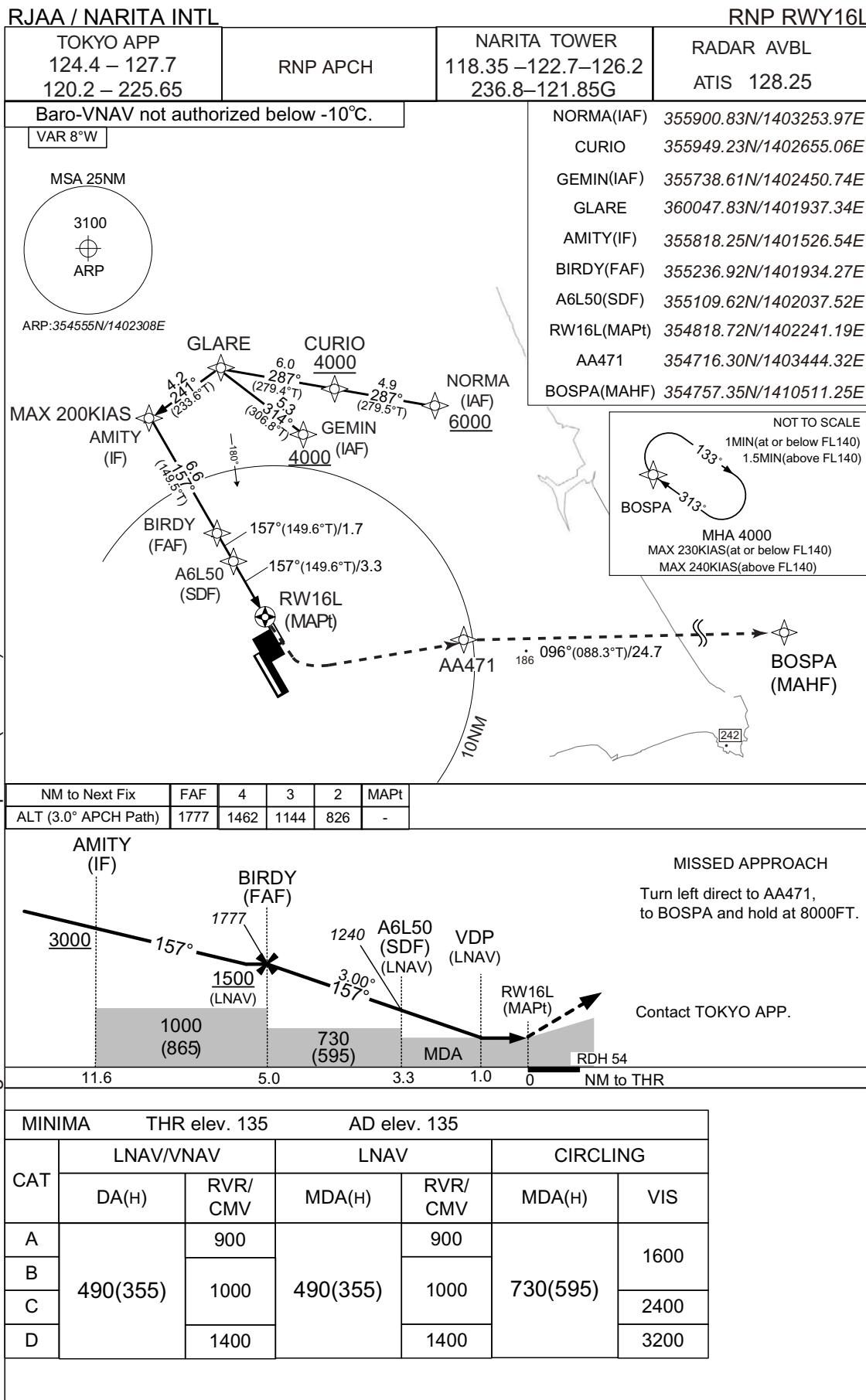
Contact TOKYO APP.

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 | | 1600 |
| B | 335 (200) | 550 | 510 (375) | 1000 | 730 (595) | 2400 |
| C | | | | | | 3200 |
| D | | | | 1400 | | |

CHANGE : HLDG pattern(BOSPA)

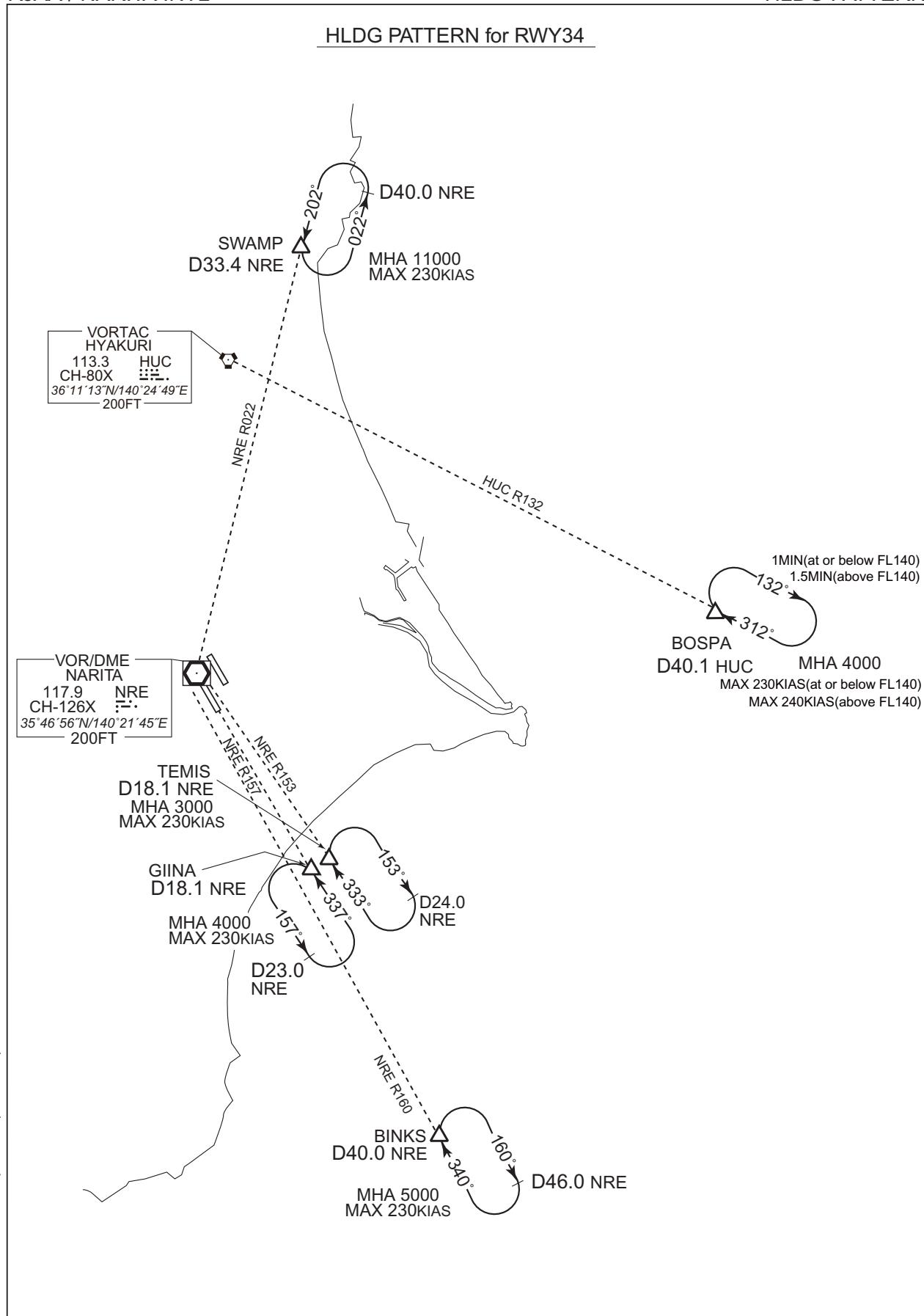
INSTRUMENT APPROACH CHART



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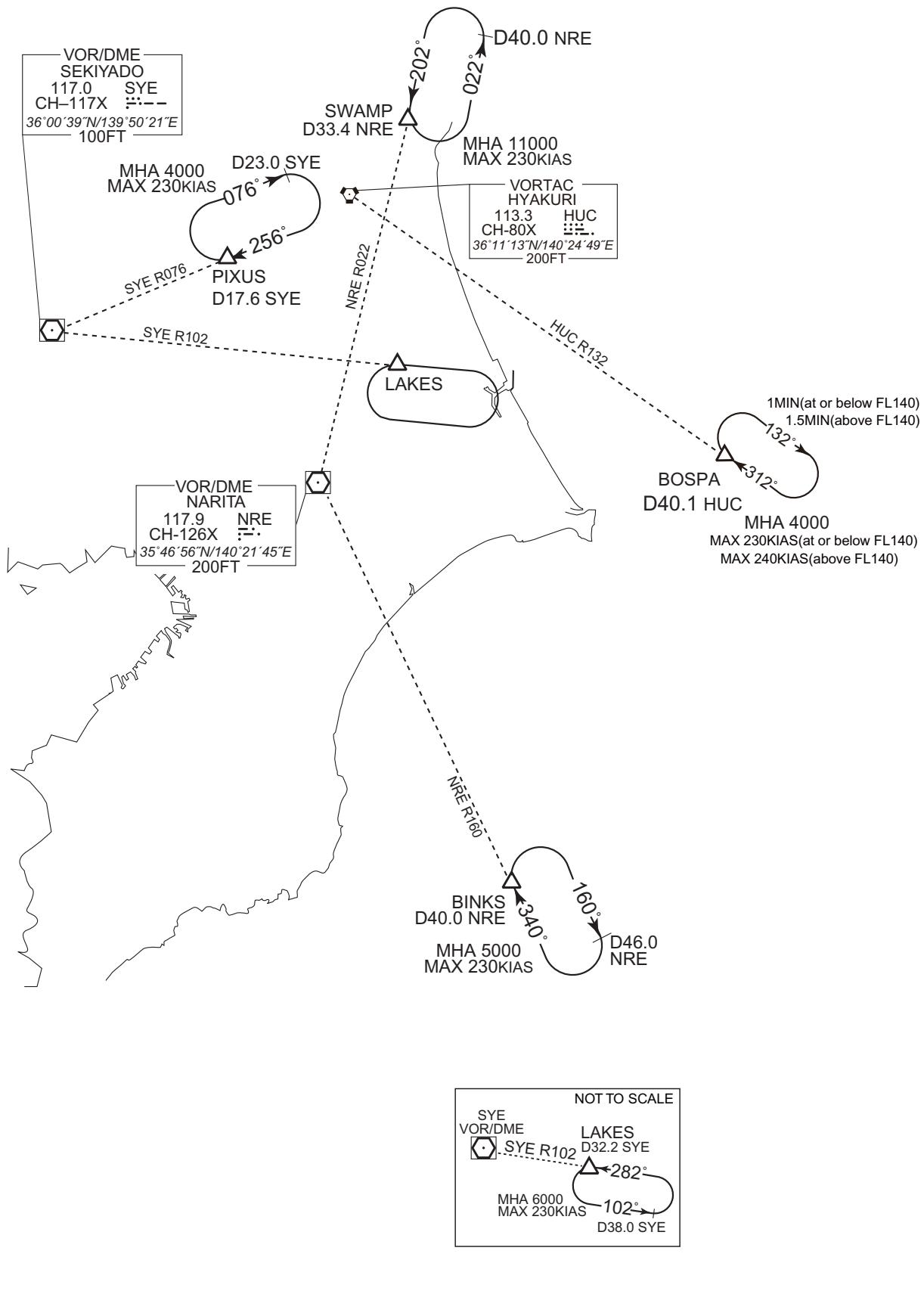
RJAA / NARITA INTL

HLDG PATTERN



RJAA / NARITA INTL

HLDG PATTERN

HLDG PATTERN for RWY16

CHANGE : HLDG pattern(BOSPA).

RJAA / NARITA INTL

RNAV HLDG PATTERN



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 |

| Path | Waypoint Identifier | Inbound Course °M(T) | Magnetic Variation | Outbound Time (MIN) | Turn Direction | Minimum Altitude (FT) | Maximum Altitude (FT) | Speed (KIAS) |
|------|---------------------|----------------------|--------------------|----------------------------|----------------|-----------------------|-----------------------|------------------------------|
| Hold | BOSPA | 313 (305.7) | -7.8 | 1.0(-14000) 1.5(+14001) | R | 4000 | — | -230(-14000) -240(+14001) |

CHANGE : HLDG pattern(BOSPA) added.

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 |

| Waypoint Identifier | Coordinates |
|---------------------|------------------------|
| BOSPA | 354757.4N / 1410511.3E |

CHANGE : BOSPA added.

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).

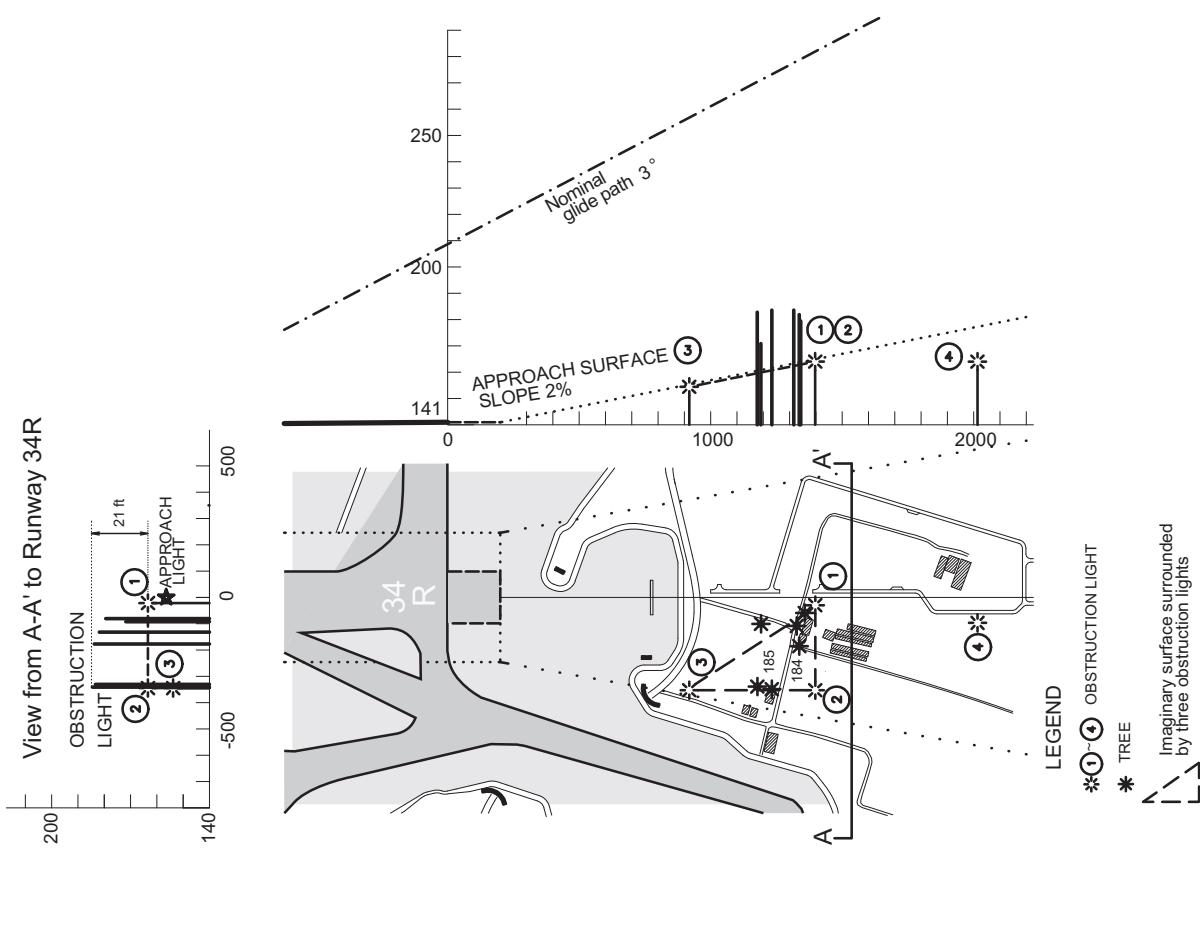
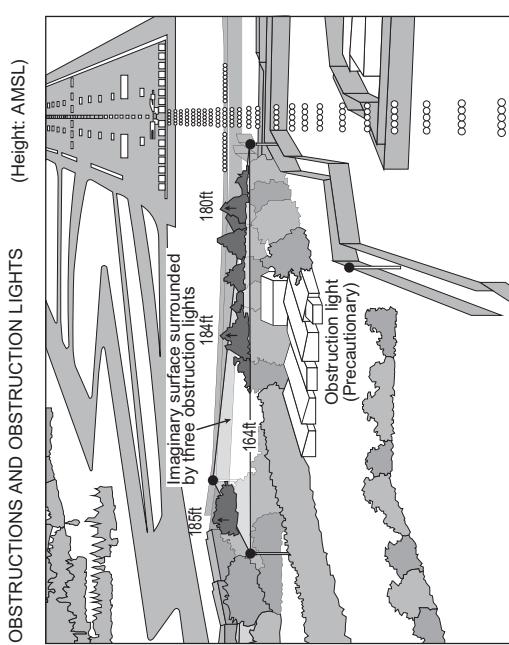
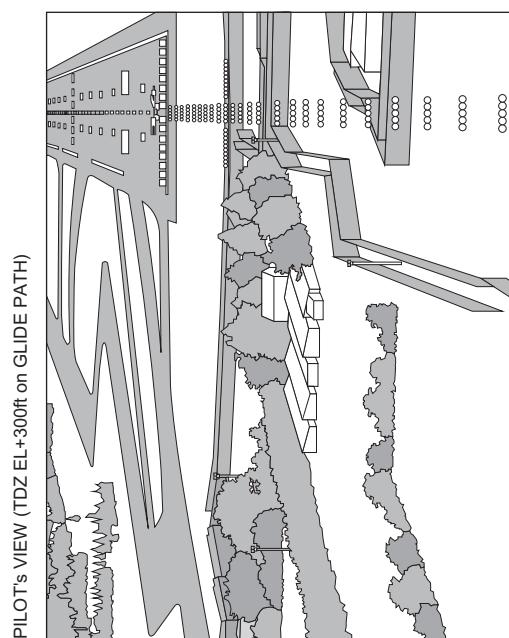
CHANGE : Visual REP abolished(Radisson).

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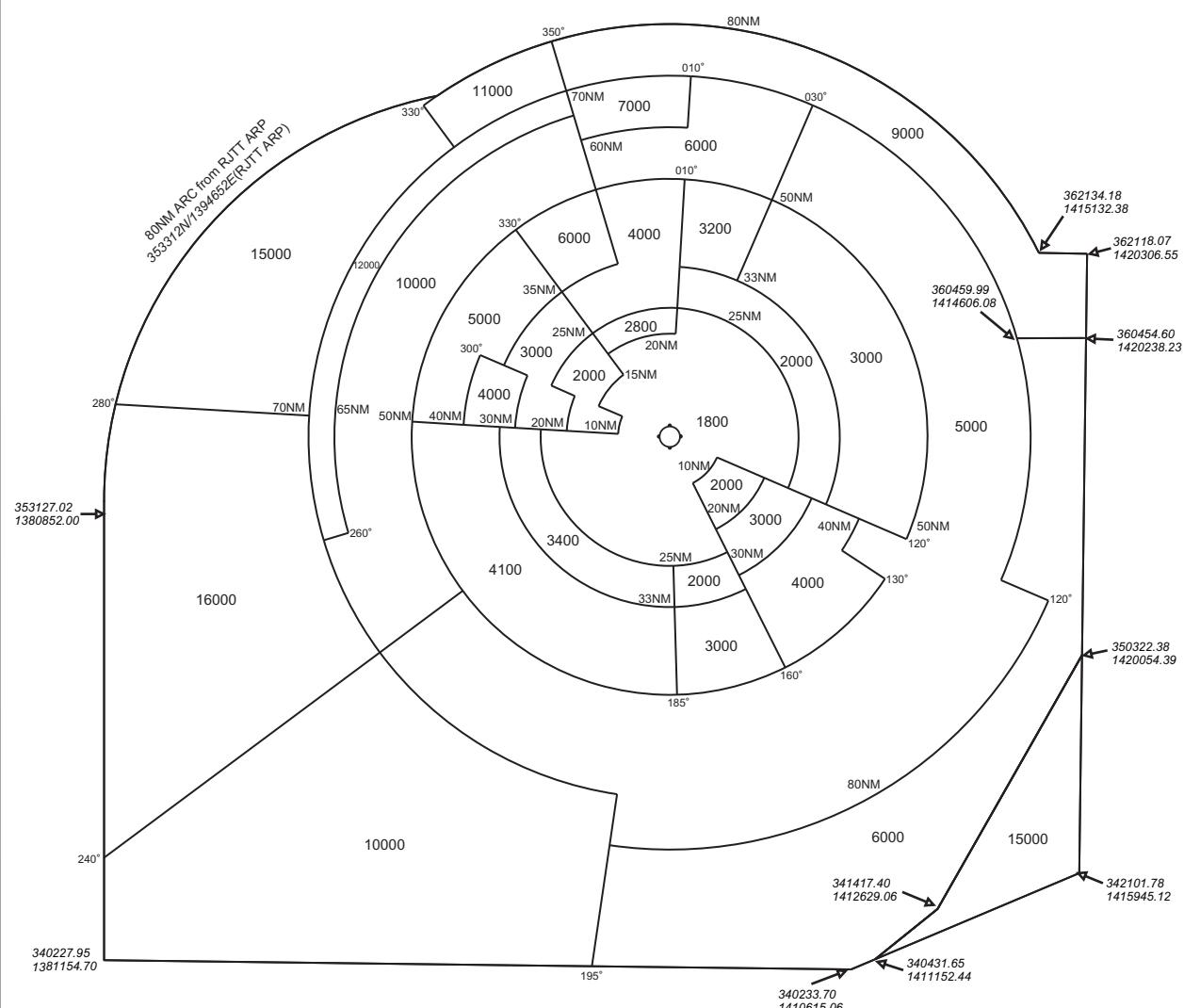
LDG CHART (Trees existence on final approach area of Runway 34R)



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Minimum Vectoring Altitude CHART

VAR 8° W(2023)



CHANGE : VAR.

INTENTIONALLY LEFT BLANK