

AD 2 AERODROMES

RJFN AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJFN - NYUTABARU

RJFN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|-------------------|
| 1 | ARP coordinates and site at AD | 320501N/1312705E |
| 2 | Direction and distance from (city) | 10.5NM N MIYAZAKI |
| 3 | Elevation/ Reference temperature | 259ft / Nil |
| 4 | Geoid undulation at AD ELEV PSN | Nil |
| 5 | MAG VAR/ Annual change | Nil |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | JSDF-A |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RJFN AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|-----|
| 1 | AD Administration | H24 |
| 2 | Customs and immigration | Nil |
| 3 | Health and sanitation | Nil |
| 4 | AIS Briefing Office | H24 |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 |
| 7 | ATS | H24 |
| 8 | Fuelling | Nil |
| 9 | Handling | Nil |
| 10 | Security | Nil |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RJFN AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|---------------------|
| 1 | Cargo-handling facilities | Nil |
| 2 | Fuel/ oil types | JET A-1PLUS |
| 3 | Fuelling facilities/ capacity | To be issued later |
| 4 | De-icing facilities | Nil |
| 5 | Hangar space for visiting aircraft | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | (1)EXP DLY fuel SVC |

RJFN AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|-----|
| 1 | Hotels | Nil |
| 2 | Restaurants | Nil |
| 3 | Transportation | Nil |
| 4 | Medical facilities | Nil |
| 5 | Bank and Post Office | Nil |
| 6 | Tourist Office | Nil |
| 7 | Remarks | Nil |

RJFN AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|-----|
| 1 | AD category for fire fighting | Nil |
| 2 | Rescue equipment | Nil |
| 3 | Capability for removal of disabled aircraft | Nil |
| 4 | Remarks | Nil |

RJFN AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|-----------------------------|-----|
| 1 | Types of clearing equipment | Nil |
| 2 | Clearance priorities | Nil |
| 3 | Remarks | Nil |

RJFN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|--------------------|
| 1 | Apron surface and strength | To be issued later |
| 2 | Taxiway width, surface and strength | To be issued later |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Nil |
| 5 | INS checkpoints | Nil |
| 6 | Remarks | Nil |

RJFN AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

| | | |
|---|--|--|
| 1 | Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands | Nil |
| 2 | RWY and TWY markings and LGT | RWY: (RWY10/28) (LGT) RTHL, TKOF aiming LGT TWY: (LGT) TWY edge LGT |
| 3 | Stop bars | Nil |
| 4 | Remarks | Nil |

RJFN AD 2.10 AERODROME OBSTACLES

| RWY/Area affected | Obstacle type | Coordinates | Elevation | Markings/ LGT | Remarks |
|-------------------|---------------|-------------|-----------|---------------|---------|
| Nil | | | | | |

RJFN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|--|
| 1 | Associated MET Office | NYUTABARU |
| 2 | Hours of service MET Office outside hours | H24 |
| 3 | Office responsible for TAF preparation Periods of validity | Nil |
| 4 | Trend forecast Interval of issuance | Nil |
| 5 | Briefing/ consultation provided | Nil |
| 6 | Flight documentation Language(s) used | Nil |
| 7 | Charts and other information available for briefing or consultation | S. U |
| 8 | Supplementary equipment available for providing information | Doppler Radar for airport weather (See below figure) |
| 9 | ATS units provided with information | Nil |
| 10 | Additional information(limitation of service, etc.) | Nil |

Airspace for the advisory service concerning low level wind shear



UPPER LIMIT : 1600ft above FIELD ELEV LEVEL
 LOWER LIMIT : FIELD ELEV LEVEL

RJFN AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE BRG | Dimensions of RWY(M) | Strength(PCN) and Surface of RWY | THR coordinates THR geoid undulation | THR elevation and highest elevation of TDZ of precision APP RWY |
|------------------------|-----------------------|----------------------------|--|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | To be issued Later | 2700x45 | SW47000kg (103635lbs) | Nil | Nil |
| 28 | | 2700x45 | DW101000kg (222705lbs) DTW146000kg (321930lbs) TTTW263000kg (579915lbs) Asphalt Concrete | Nil | Nil |
| | | | | | |
| Slope of RWY | | Strip Dimensions (M) | Remarks | | |
| 7 | | 10 | 12 | | |
| Nil | | 3300x450 3300x450 | | | |

RJFN AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | | | | |

RJFN AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | APCH LGT type LEN INTST | RTHL Color WBAR | PAPI (VASIS) Angle DIST FM THR MEHT | RTZL LEN | RCLL LEN Spacing Color INTST | REDL LEN Spacing Color INTST | RENL Color WBAR | STWL LEN Color |
|-------------------|-------------------------------------|-----------------------|--|-------------|--|--|-----------------------|----------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | AVBL | | PAPI 3.0 ° 360.0m 52ft | | | | | |
| 28 | | | PAPI 3.0 ° 370.3m 60ft | | | | | |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| Nil | | | | | | | | |

RJFN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|---|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN:320523N/1312748E, White/Green EV10sec, HO |
| 2 | LDI location and LGT Anemometer location and LGT | LDI: LGTD |
| 3 | TWY edge and center line lighting | Nil |
| 4 | Secondary power supply/ switch-over time | Nil |
| 5 | Remarks | WDI LGT, OBST LGT |

RJFN AD 2.16 HELICOPTER LANDING AREA

| |
|--------------------|
| To be issued later |
|--------------------|

RJFN AD 2.17 ATS AIRSPACE

| Designation and lateral limits | | Vertical limits (ft) | Airspace classification | ATS unit call sign Language | Remarks |
|--------------------------------|--|----------------------|-------------------------|-----------------------------|---------|
| 1 | | 2 | 3 | 4 | 6 |
| NYUTA CTR | Area within a radius of 5NM of NYUTABARU ARP (32°05'N131°27'E) | 6000 or below | D | NYUTA TOWER En | |

RJFN AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|--------------|--|--------------------|--|
| 1 | 2 | 3 | 4 | 5 |
| TWR | Nyuta Tower | 236.8MHz 126.2MHz 304.5MHz 247.0MHz(1)(2) 138.05MHz(1) 123.1MHz(1)(2) 120.1MHz 243.0MHz(E) 121.5MHz(E) | H24 | APP service provided by 1) FUKUOKA CTL: 1300-2200 2) KAGOSHIMA APP: 2200-1300 (1) For rescue only (2) AVBL on request. |
| GCA-ASR -PAR | Nyuta GCA | 335.6MHz 270.8MHz 134.1MHz 125.3MHz 307.2MHz 238.8MHz 289.4MHz 316.0MHz 243.0MHz(E) 121.5MHz(E) | H24 | ASR,PAR RWY 28 Glide path 3.0° Maintenance Period 2300 - 0300 SAT in VMC |
| GND | Nyuta Ground | 275.8MHz | H24 | |
| MET | Nyuta Metro | 344.6MHz | H24 | Pilot forecaster SER(MIL) |

RJFN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid | ID | Frequency | Hours of operation | Position of transmitting antenna coordinates | Elevation of DME transmitting antenna | Remarks |
|-------------|-----|------------------|--------------------|--|---------------------------------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| TACAN | NHT | 1184MHz (CH-97X) | H24 | 320449N/1312713E | | Unusable: R341-010 beyond 20NM BLW 8,000ft. R011-020 beyond 36NM BLW 8,000ft. R171-190 beyond 38NM BLW 4,000ft. R191-250 beyond 38NM BLW 5,000ft. R251-270 beyond 33NM BLW 8,000ft. R271-280 beyond 33NM BLW 7,000ft. R281-310 beyond 25NM BLW 7,000ft. R311-340 beyond 25NM BLW 8,000ft. |
| ILS-LOC 28 | INH | 111.3MHz | H24 | 320512N/1312604E | | LOC:330m(1083ft) away FM RWY 10 THR, BRG(MAG)288° |
| ILS-GP 28 | - | 332.3MHz | H24 | 320451N/1312744E | | GP:317.5m(1042ft) inside FM RWY 28 THR, 120m(394ft) S of RCL. Angle 3.0°ILS Ref datum 16.5m(54ft). |



RJFN AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

| |
|-----|
| Nil |
|-----|

2. Taxiing to and from stands

| |
|-----|
| Nil |
|-----|

3. Parking area for small aircraft(General aviation)

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|-----|
| Nil |
|-----|

4. Parking area for helicopters

| |
|-----|
| Nil |
|-----|

5. Apron - taxiing during winter conditions

| |
|-----|
| Nil |
|-----|

6. Taxiing - limitations

| |
|-----|
| Nil |
|-----|

7. School and training flights - technical test flights - use of runways

| |
|-----|
| Nil |
|-----|

8. Helicopter traffic - limitation

| |
|-----|
| Nil |
|-----|

9. Removal of disabled aircraft from runways

| |
|-----|
| Nil |
|-----|

RJFN AD 2.21 NOISE ABATEMENT PROCEDURES

| |
|-----|
| Nil |
|-----|

RJFN AD 2.22 FLIGHT PROCEDURES**1. TAKE OFF MINIMA**

| | RWY | REDL AVBL | | REDL OUT | |
|-----------------------|-----|-----------------|------------|----------|------------|
| | | CEIL-RVR | CEIL-VIS | CEIL-RVR | CEIL-VIS |
| TKOF ALTN AP FILED | 10 | - | 300'-1600M | - | 300'-1600M |
| | 28 | 300'-1600M | 300'-1600M | - | 300'-1600M |
| OTHER | 10 | AVBL LDG MINIMA | | | |
| | 28 | | | | |

2. WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE

PAR RWY28

| MINIMA | THR elev. 235 | | AD elev. 259 | |
|--------|---------------|---------|--------------|------|
| CAT | | | CIRCLING | |
| | DA(H) | RVR/CMV | MDA(H) | VIS |
| A | 459(224) | 750 | 740(481) | 1600 |
| B | | | | 2400 |
| C | | | | |
| D | | | 860(601) | 3200 |

ASR RWY28

| MINIMA | THR elev. 235 | | AD elev. 259 | |
|--------|---------------|---------|--------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 700(465) | 1400 | 740(481) | 1600 |
| B | | 1500 | | 2400 |
| C | | 1600 | | |
| D | | 1800 | 860(601) | 3200 |

3. Lost Communication Procedures for Arrival Aircraft under Radar Navigational Guidance.

If radio communications with Kagoshima Approach/Radar or NYUTA GCA are lost for 1 minute or 5 seconds(PAR) / 15 seconds(ASR) on final approach, squawk Mode A/3 Code 7600 and;

- I
- 1) Contact Nyuta Tower.
 - 2) If unable, proceed in accordance with visual flight rules.
 - 3) If unable, proceed to Nyutabaru TACAN Nr.1 IAF at the last assigned altitude or 5,000ft whichever is higher and execute instrument approach.
- II Procedures other than above will be issued when situation required.

RJFN AD 2.23 ADDITIONAL INFORMATION

Nil

RJFN AD 2.24 CHARTS RELATED TO AN AERODROME

Figure-07 Standard Departure Chart - Instrument (NIPPO, YATOGL)
 Figure-07 Standard Departure Chart - Instrument (TENSO)
 Figure-09 Standard Arrival Chart - Instrument (TENSO)
 Figure-10 Instrument Approach Chart (TACAN NR1 RWY28)
 Figure-10 Instrument Approach Chart (TACAN NR2 RWY28)
 Figure-10 Instrument Approach Chart (TACAN NR1 ILS RWY28)
 Figure-10 Instrument Approach Chart (TACAN NR2 ILS RWY28)
 Figure-10 Instrument Approach Chart (ILS RWY28)

STANDARD DEPARTURE CHART-INSTRUMENT

RJFN / NYUTABARU

SID and TRANSITION

NIPPO FIVE DEPARTURE

RWY10 : Turn left to intercept NHT R-035 within NHT 12DME,....

RWY28 : Turn left within NHT 3DME and intercept NHT R-035 within NHT 5DME,....
....climb via NHT R-035 to NIPPO.
Cross NIPPO at or above FL160.

YATOOGI ONE DEPARTURE

(high rate climb performance aircraft only available)

RWY28 : Climb RWY HDG to NHT 5DME, turn right HDG360° to NHT 15DME, then NHT 15DME clockwise ARC to intercept and proceed via NHT R-035 to NIPPO.

Cross NHT 5DME from RWY HDG at or above 5,000 FT, cross NIPPO at or above FL160.

ASHIZURI TRANSITION

After NIPPO, turn right to intercept and proceed via SUC R-276 to SUC VORTAC.

Cross SUC R276/30DME at assigned altitude.

NOBEOKA TRANSITION

Before NIPPO, turn right via reverse course NHT R-035 to NHT TACAN.

Cross NHT R-035/20DME at assigned altitude.

MUSASHI TRANSITION

After NIPPO, turn left to intercept and proceed via TFE R-178 to TFE VOR/DME.

Cross SUC R-288 at assigned altitude.

SOBO TRANSITION

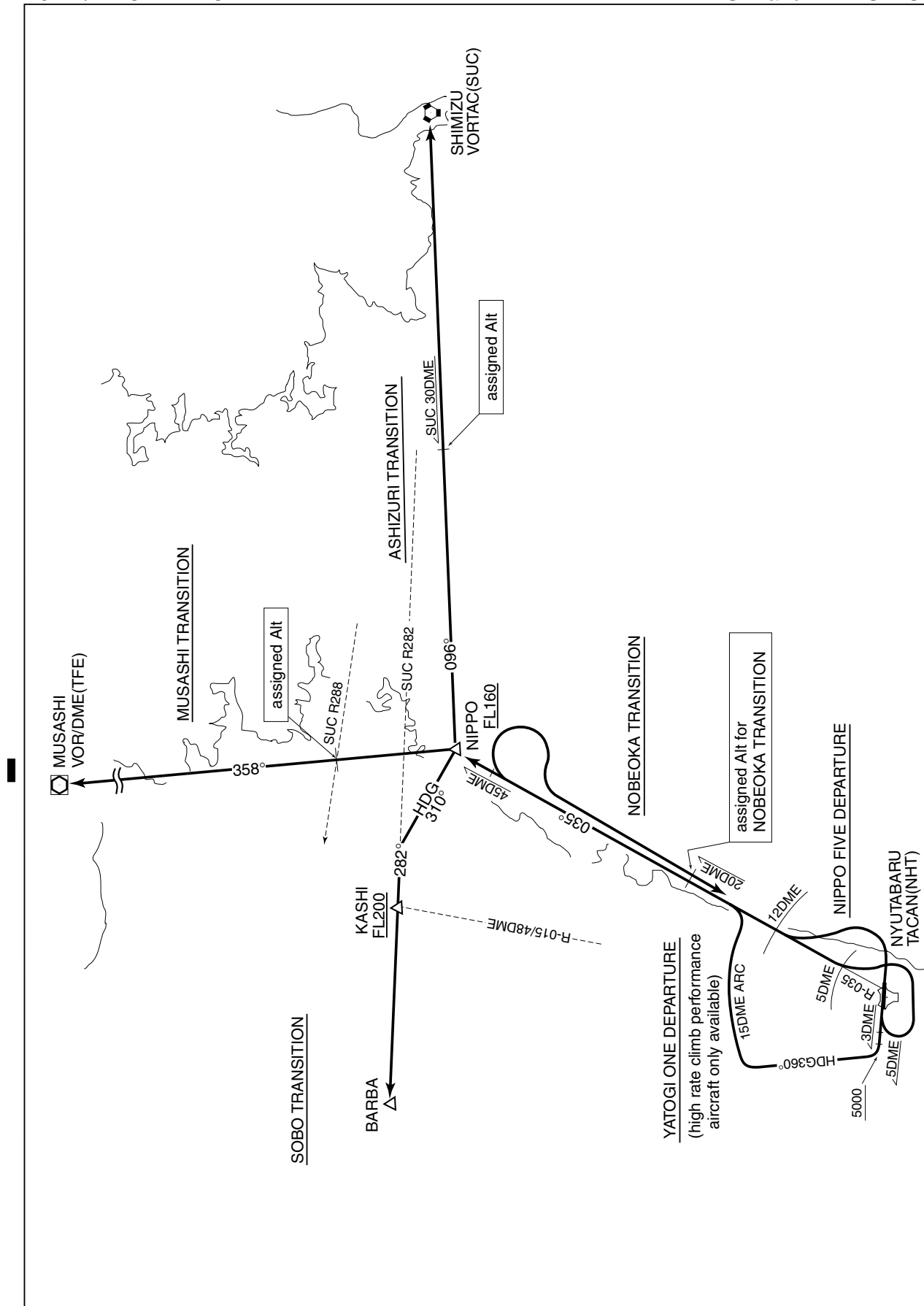
After NIPPO, turn left HDG310° to intercept and proceed via SUC R-282 to BARBA via KASHI.

Cross KASHI at or above FL200.

STANDARD DEPARTURE CHART-INSTRUMENT

RJFN / NYUTABARU

SID and TRANSITION



STANDARD DEPARTURE CHART-INSTRUMENT

RJFN / NYUTABARU

SID

TENSO TWO DEPARTURE

RWY 10 : Turn left within NHT 3DME to intercept NHT R-065 within NHT 5DME,....

RWY 28 : Turn left within NHT 3DME to intercept NHT R-065 within NHT 5DME,....

....Climb via NHT R-065 to NHT 30DME, then turn right via NHT 35DME clockwise ARC to intercept and proceed via NHT R-085 to TENSU.

Cross NHT R-075 at FL150 or specified altitude.



STANDARD ARRIVAL CHART-INSTRUMENT

RJFN / NYUTABARU

STAR

TENSO ARRIVAL

From over TENSO, proceed via NHT R-085 to NHT 40DME, then turn left to intercept and proceed via NHT R-090 to HYUGA.



INSTRUMENT APPROACH CHART

RJFN / NYUTABARU

TACAN NR.1 RWY28

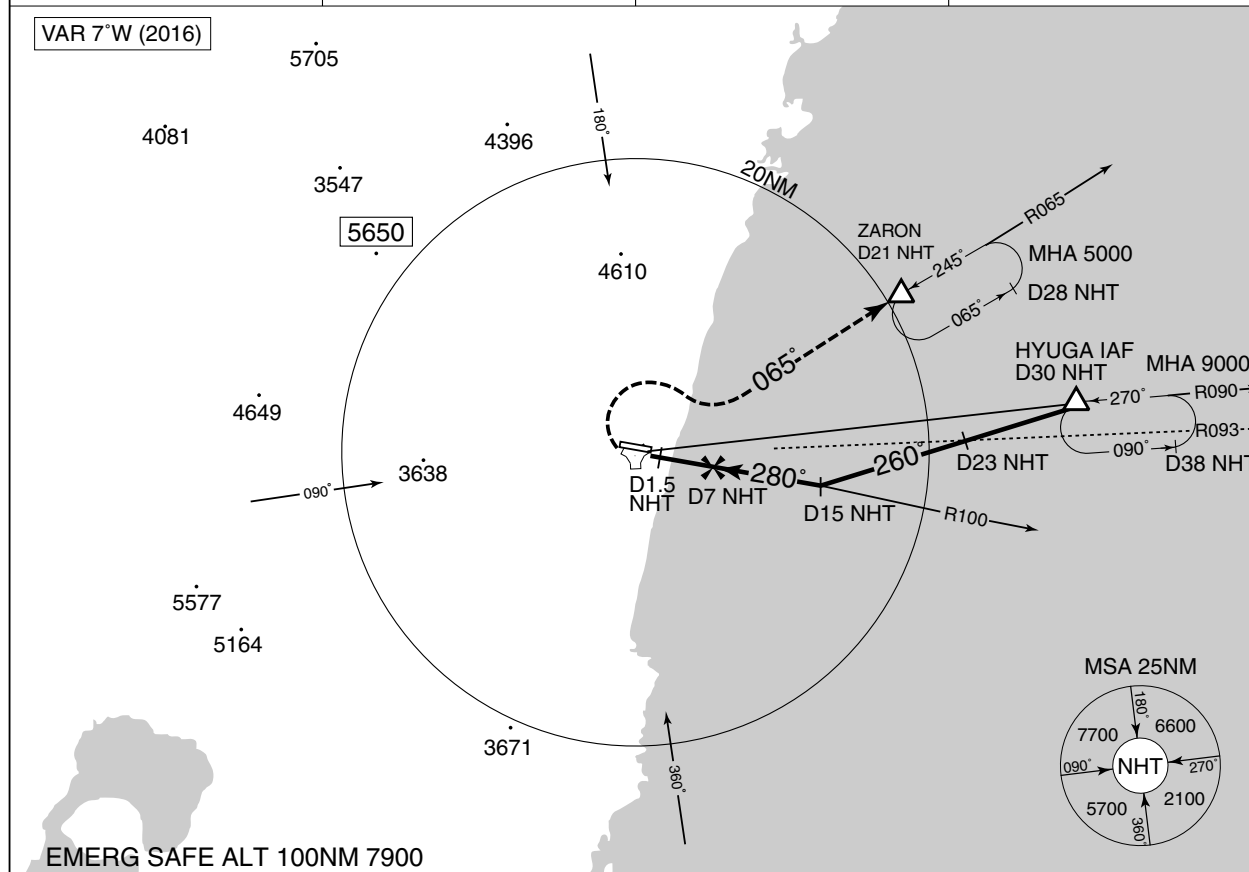


INSTRUMENT APPROACH CHART

RJFN / NYUTABARU

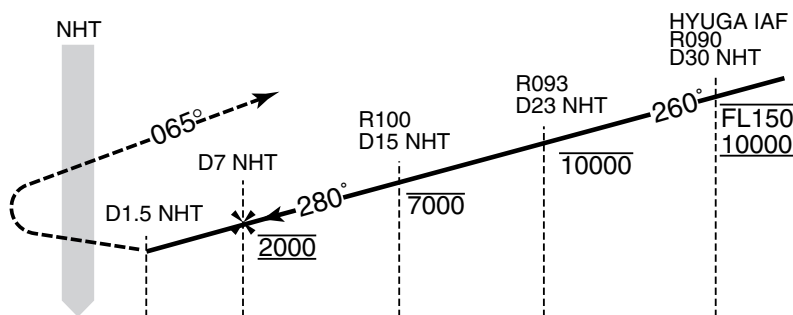
TACAN NR.2 RWY28

| | | | |
|---|--|--|-----------------------------------|
| KAGOSHIMA APP 121.4 - 362.3 120.9 - 261.2 | NYUTABARU TACAN 1184 NHT CH-97X 三三 32°04'49"N/131°27'13"E | NYUTA TOWER 236.8 - 126.2 - 120.1 304.5 - 275.8G | GCA AVBL CALL KAGOSHIMA APP |
|---|--|--|-----------------------------------|



MISSED APPROACH

Turn right climb via NHT TACAN
R065 to ZARON to 5000FT
and hold.
Contact KAGOSHIMA APP.



| MINIMA | | THR elev. 235 | AD elev. 259 | |
|--------|-----------|---------------|--------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 700 (465) | 1400 | 740 (481) | 1600 |
| B | | 1500 | | |
| C | | 1600 | | |
| D | | 1800 | 860 (601) | 3200 |

RJFN / NYUTABARU

TACAN NR.1 ILS RWY28

VAR 7°W (2016)

5705

4081

3547

5650

4396

4610

180°

20NM

4649

3638

090°

5577

5164

3671

360°

TACAN
NYUTABARU
CH-97X NHT
32°04'49"N/131°27'13"E

D1.3 NHT

D5.9 NHT

D8 NHT

288°

ZARON IAF
D21 NHT

065°

065°

245°

MHA 5000

D28 NHT

D21 NHT ARC

EMERG SAFE ALT 100NM 7900

MSA 25NM

NHT

180°

270°

090°

360°

7700

6600

5700

2100

| MINIMA | | THR elev. 235 | | AD elev. 259 | | |
|--------|-----------|---------------|-----------|--------------|-----------|------|
| CAT | CAT I | | LOC | | CIRCLING | |
| | DA(H) | RVR/ CMV | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 435 (200) | 750 | 660 (425) | 1200 | 740 (481) | 1600 |
| B | | | | 1300 | | |
| C | | | | 1400 | | |
| D | | | | 1600 | 860 (601) | 3200 |

INSTRUMENT APPROACH CHART

RJFN / NYUTABARU

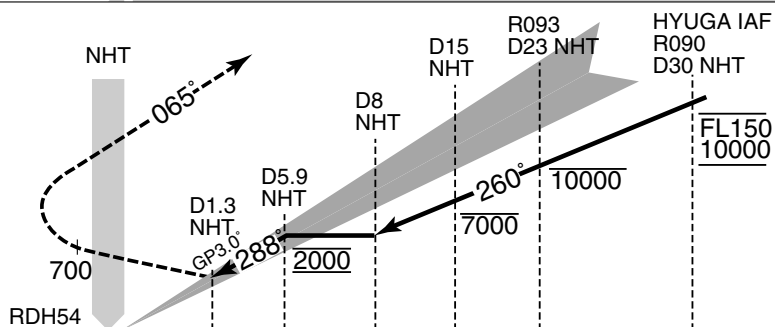
TACAN NR.2 ILS RWY28

| | | | |
|---|--|--|-----------------------------------|
| KAGOSHIMA APP 121.4 - 362.3 120.9 - 261.2 | ILS - LOC 111.3 INH ::. ILS-GP 332.3 | NYUTA TOWER 236.8 - 126.2 - 120.1 304.5 - 275.8G | GCA AVBL CALL KAGOSHIMA APP |
|---|--|--|-----------------------------------|



MISSED APPROACH

Climb to 700FT, turn right
climb via NHT TACAN R065 to
ZARON to 5000FT and hold.
Contact KAGOSHIMA APP.



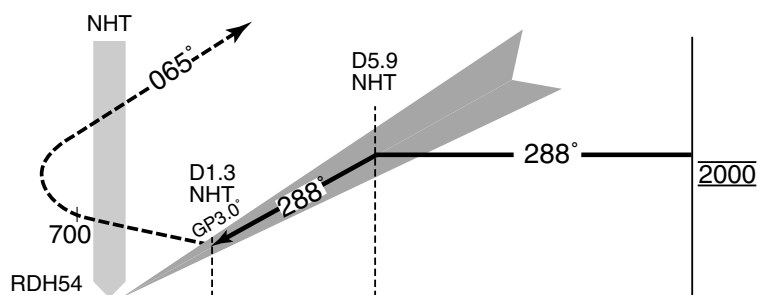
| MINIMA | | THR elev. 235 | | AD elev. 259 | | |
|--------|-----------|---------------|-----------|--------------|-----------|------|
| CAT | CAT I | | LOC | | CIRCLING | |
| | DA(H) | RVR/ CMV | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 435 (200) | 750 | 660 (425) | 1200 | 740 (481) | 1600 |
| B | | | | 1300 | | |
| C | | | | 1400 | | |
| D | | | | 1600 | 860 (601) | 3200 |

RJFN / NYUTABARU

ILS RWY28

VAR 7°W (2016)

Climb to 700FT, turn right
climb via NHT TACAN R065 to
ZARON to 5000FT and hold.
Contact KAGOSHIMA APP



| MINIMA | | THR elev. 235 | | AD elev. 259 | | |
|--------|-----------|---------------|-----------|--------------|-----------|------|
| CAT | CAT I | | LOC | | CIRCLING | |
| | DA(H) | RVR/ CMV | MDA(H) | RVR/ CMV | MDA(H) | VIS |
| A | 435 (200) | 750 | 660 (425) | 1200 | 740 (481) | 1600 |
| B | | | | 1300 | | |
| C | | | | 1400 | | |
| D | | | | 1600 | 860 (601) | 3200 |