

AD 2 AERODROMES

RJFC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJFC - YAKUSHIMA

RJFC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|--|
| 1 | ARP coordinates and site at AD | 302308N/1303933E 097° / 0.75km from RWY 14 THR |
| 2 | Direction and distance from (city) | 74nm S of Kagoshima city |
| 3 | Elevation/ Reference temperature | 122ft / 31°C(1999-2008) |
| 4 | Geoid undulation at AD ELEV PSN | To be issued later |
| 5 | MAG VAR/ Annual change | 6°W (2006) |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | KAGOSHIMA PREF. PUBLIC AP. 310-1, Kosedo, Yakushima-cho, Kumage-gun, Kagoshima Pref. 891-4207 Japan TEL: 0997-43-5031 Fax: 0997-43-5941 |
| 7 | Types of traffic permitted (IFR/ VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RJFC AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|--|
| 1 | AD Administration | 2330 - 1030 |
| 2 | Customs and immigration | On request Customs: 099-260-3125 Immigration: 099-222-5658 |
| 3 | Health and sanitation | Quarantine(human): On request(099-222-8670) Quarantine(animal, plant): Nil |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (FUKUOKA) |
| 7 | ATS | 2330 - 1030 REMARKS : Airport Remote Mobile Communication Service provided by Kagoshima FSC. |
| 8 | Fuelling | Nil |
| 9 | Handling | 2330 - 1030 |
| 10 | Security | 2330 - 1030 |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RJFC AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|---------------|
| 1 | Cargo-handling facilities | Not available |
| 2 | Fuel/ oil types | Nil |
| 3 | Fuelling facilities/ capacity | Nil |
| 4 | De-icing facilities | Not available |
| 5 | Hangar space for visiting aircraft | Not available |
| 6 | Repair facilities for visiting aircraft | Not available |
| 7 | Remarks | Nil |

RJFC AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|----------------------------------|
| 1 | Hotels | Hotels in the city |
| 2 | Restaurants | AVBL, not continuous |
| 3 | Transportation | Buses, taxis |
| 4 | Medical facilities | Hospitals in the city |
| 5 | Bank and Post Office | Bank and Post Office in the city |
| 6 | Tourist Office | Not available |
| 7 | Remarks | Nil |

RJFC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|----------------------------------|
| 1 | AD category for fire fighting | CAT 6 |
| 2 | Rescue equipment | Chemical fire fighting truck x 2 |
| 3 | Capability for removal of disabled aircraft | Nil |
| 4 | Remarks | Nil |

RJFC AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|-----------------------------|----------------|
| 1 | Types of clearing equipment | Not applicable |
| 2 | Clearance priorities | Nil |
| 3 | Remarks | Nil |

RJFC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|---|
| 1 | Apron surface and strength | Surface : Asphalt concrete Strength: PCN 20/F/D/Y/T |
| 2 | Taxiway width, surface and strength | WIDTH 18m, Surface : Asphalt concrete Strength:PCN 20/F/D/Y/T |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Nil |
| 5 | INS checkpoints | Nil |
| 6 | Remarks | Nil |

RJFC 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 | <p>RWY: (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe (LGT) REDL, RTHL, RENL, RWY DIST marker LGT</p> <p>TWY: (Marking) TWY CL, RWY HLDG PSN, TWY side stripe (LGT) TWY edge LGT</p> |
| 3 | Stop bars | Nil |
| 4 | Remarks | <p>(Marking) Overrun area (LGT) Apron flood LGT</p> |

RJFC AD 2.10 AERODROME OBSTACLES

■ In Area2 See Obstacle data

■ In Area3 To be developed

RJFC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|--|
| 1 | Associated MET Office | FUKUOKA |
| 2 | Hours of service MET Office outside hours | H24(FUKUOKA) |
| 3 | Office responsible for TAF preparation Periods of validity | Nil |
| 4 | Trend forecast Interval of issuance | Nil |
| 5 | Briefing/ consultation provided | Briefing is available upon inquiry at FUKUOKA |
| 6 | Flight documentation Language(s) used | C En |
| 7 | Charts and other information available for briefing or consultation | S ₆ , U ₈₅ , U ₇ , U ₅ , U ₃ , U ₂₅ , U ₂ /Tr, P _S , P ₅ , P ₃ , P ₂₅ , P _{SWE} , P _{SWF} , P _{SWG} , P _{SWI} , P _{SWM} , P _{SW} (domestic), E, C, W _E , W _F , W _G , W _I , W, N |
| 8 | Supplementary equipment available for providing information | Nil |
| 9 | ATS units provided with information | REMOTE |
| 10 | Additional information (limitation of service, etc.) | Nil |

RJFC 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 |
| 14 | 133.87° | 1500x45 | PCN 18/F/B/Y/T Asphalt | To be issued later | THR ELEV: 112ft |
| 32 | 313.87° | 1500x45 | PCN 18/F/B/Y/T Asphalt | | THR ELEV: 124ft |
| Slope of RWY | Strip Dimensions(M) | RESA(Overrun) Dimensions(M) | Remarks | | |
| 7 | 10 | 11 | 14 | | |
| See AD 2.24 AD Chart | 1620x150 | 50x150 | RWY Grooving 1500x30m | | |
| See AD 2.24 AD Chart | 1620x150 | 50x150 | RWY Grooving 1500x30m | | |

RJFC AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 14 | 1500 | 1500 | 1500 | 1500 | Nil |
| 32 | 1500 | 1500 | 1500 | 1500 | Nil |

RJFC 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 |
| 14 | Nil | Green | PAPI 3.0°/Left 253m 45ft | Nil | Nil | 1500m 60m Coded color (White/Yellow) LIH | Red | Nil (*1) |
| 32 | Nil | Green | PAPI 3.0°/Left 296m 45ft | Nil | Nil | 1500m 60m Coded color (White/Yellow) LIH | Red | Nil (*1) |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| (*1)Overrun area edge LGT(LEN:60m Color:Red) RWY THR ID LGT for RWY 14/32 THR | | | | | | | | |

RJFC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 302257N/1303932E, White/Green EV4.3sec, HO |
| 2 | LDI location and LGT Anemometer location and LGT | LDI: Nil Anemometer: RWY32 : 20m from RWY 32 THR RWY14: 20m outside from RWY 14 THR |
| 3 | TWY edge and centerline lighting | TWY edge LGT: Blue |
| 4 | Secondary power supply/ switch-over time | Within 15 sec: ABN, PAPI, RWY THR ID LGT, REDL, RENL, RTHL, TWY edge LGT, RWY DIST marker LGT, WDI LGT, Overrun area edge LGT, Apron flood LGT |
| 5 | Remarks | WDI LGT |

RJFC AD 2.16 HELICOPTER LANDING AREA

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

RJFC 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 |
| Yakushima Information Zone | Area within a radius of 5nm(9km) of Yakushima ARP | 3,000 or below | E | Yakushima Remote En | |

RJFC AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|------------------|-----------|--------------------|--|
| 1 | 2 | 3 | 4 | 5 |
| A/G | Yakushima Remote | 118.65MHz | 2330 - 1030 | Remote Air Ground Facilities controlled by Kagoshima FSC |

RJFC AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid (VOR declination) | ID | Frequency | Hours of operation | Position of transmitting antenna coordinates | Elevation of DME transmitting antenna | Remarks |
|-------------------------------------|-----|----------------------|-----------------------|---|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| VOR (7°W/2018) | YKE | 117.0MHz | 2330 - 1030 | 302246.01N 1303945.78E | | VOR Unusable: 210° -240° beyond 10nm BLW 9,000ft. 240° -250° beyond 5nm BLW 9,000ft. 250° -290° beyond 10nm BLW 9,000ft. |
| DME | YKE | 1204MHz (CH-117X) | 2330 - 1030 | 302246.01N 1303945.78E | 189ft | DME Unusable: 160° -190° beyond 20nm BLW 3,000ft. 210° -230° beyond 10nm BLW 9,000ft. 230° -270° beyond 5nm BLW 9,000ft. 270° -290° beyond 10nm BLW 9,000ft. |
| MSAS | | 1575.42MHz | H24 | | | Transmitting antennas are satellite based |

RJFC AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

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|-----|
| Nil |
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2. Taxiing to and from stands

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

3. Parking area for small aircraft(General aviation)

| |
|-----|
| 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 |
|-----|

RJFC AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

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

| | RWY | REDL AVBL | REDL OUT |
|-----------------------|-----|-----------------|------------|
| | | CEIL-VIS | CEIL-VIS |
| TKOF ALTN AP FILED | 14 | 300'-1600m | 300'-1600m |
| | 32 | 300'-1600m | 300'-1600m |
| OTHER | 14 | AVBL LDG MINIMA | |
| | 32 | | |

NOTE: SIDs are designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

2. TAKE OFF MINIMA for RNAV DEPARTURE

| | RWY | ACFT CAT | REDL & RCLL | | REDL or RCLL or RCL Marking | | NIL (DAYTIME ONLY) | |
|--|-----|-------------|-----------------|----------|--------------------------------|------------|-----------------------|------------|
| | | | CEIL-RVR | CEIL-VIS | CEIL-RVR | CEIL-VIS | CEIL-RVR | CEIL-VIS |
| Multi-Engine ACFT with TKOF ALTN AP FILED | 14 | A,B,C | - | - | - | 200'-2400m | - | 200'-2400m |
| | 32 | A,B,C | - | - | - | 200'-1600m | - | 200'-1600m |
| OTHER | 14 | A,B,C | AVBL LDG MINIMA | | | | | |
| | 32 | | | | | | | |

RJFC AD 2.23 ADDITIONAL INFORMATION

Nil

RJFC AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
 Standard Departure Chart - Instrument (NAKATANE, KAGOSHIMA)*
 Standard Departure Chart - Instrument (AMMON-RNAV)
 Standard Departure Chart - Instrument (SURF-RNAV)
 Standard Arrival Chart - Instrument*
 Instrument Approach Chart (VOR RWY32)*
 Instrument Approach Chart (VOR A)*
 Instrument Approach Chart (RNAV(GNSS) RWY14)
 Other Chart (Visual REP)
 Other Chart (MVA CHART)

*: Designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

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RJFC / YAKUSHIMA

AD CHART



STANDARD DEPARTURE CHART-INSTRUMENT

RJFC / YAKUSHIMA

SID

NAKATANE THREE DEPARTURE

RWY14 : Turn left,...

RWY32 : Turn right,...

...climb via YKE R058 to TGE VOR/DME.

Cross TGE VOR/DME at or above 6000FT.

NOTE : When take off RWY14/(32), following climb gradient should be maintain until 600FT(200FT).

| Speed (Knots) | 60 | 90 | 120 | 150 | 180 | 210 |
|-----------------|-----|-----|-----|-----|-----|------|
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

KAGOSHIMA SEVEN DEPARTURE

RWY14 : Turn left,...

RWY32 : Turn right,...

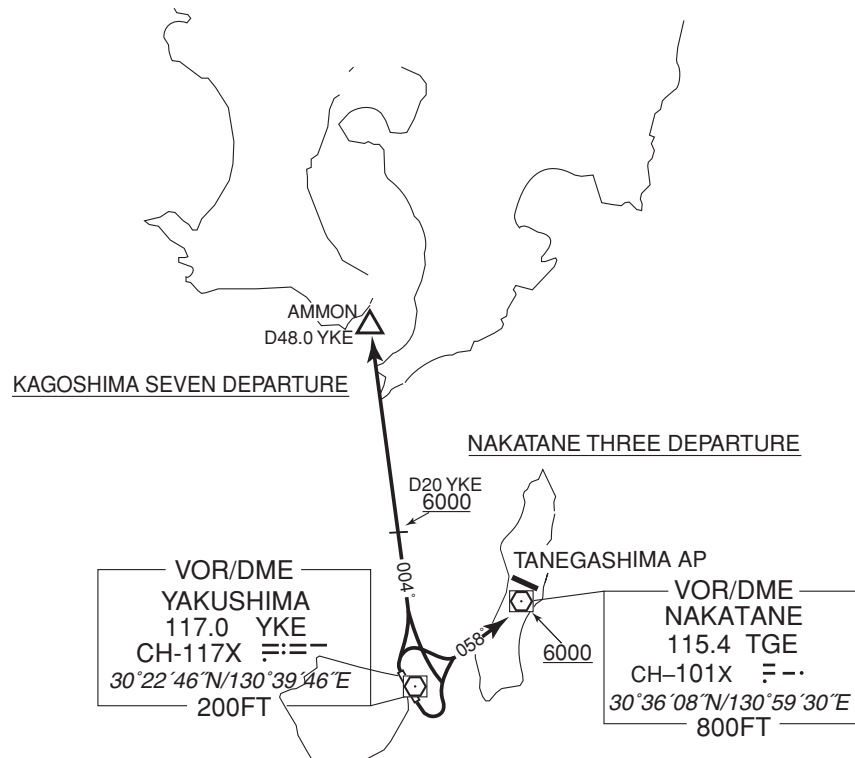
...climb via YKE R004 to AMMON.

Cross YKE R004/20DME at or above 6000FT.

NOTE : When take off RWY14/(32), following climb gradient should be maintain until 600FT(200FT).

| Speed (Knots) | 60 | 90 | 120 | 150 | 180 | 210 |
|-----------------|-----|-----|-----|-----|-----|------|
| Rate (Feet/Min) | 300 | 450 | 600 | 750 | 900 | 1050 |

CHANGE : SID renamed



STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

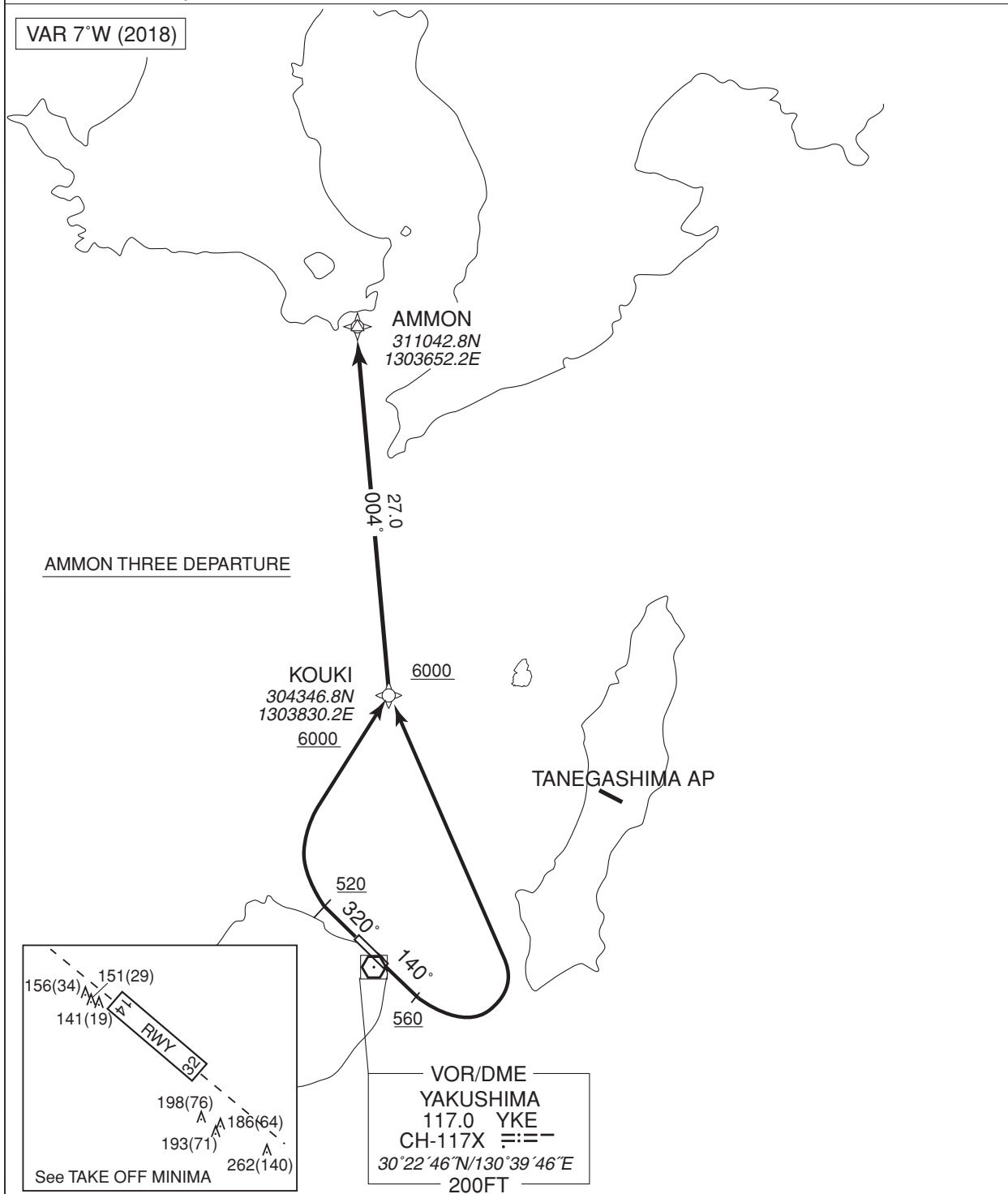
RNAV SID

AMMON THREE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 7°W (2018)

**AMMON THREE DEPARTURE**

RWY14 : Climb on HDG 140° at or above 560FT, turn left direct to KOUKI at or above 6000FT, to AMMON.

RWY32 : Climb on HDG 320° at or above 520FT, turn right direct to KOUKI at or above 6000FT, to AMMON.

CHANGE : SID renamed, VAR

STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

AMMON THREE DEPARTURE

RWY14

| 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 | — | — | 140 (133.9) | -6.5 | — | — | +560 | — | — | Basic RNP1 |
| 002 | DF | KOUKI | — | — | -6.5 | — | L | +6000 | — | — | Basic RNP1 |
| 003 | TF | AMMON | — | 004 (357.0) | -6.5 | 27.0 | — | — | — | — | Basic RNP1 |

RWY32

| 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 | — | — | 320 (313.9) | -6.5 | — | — | +520 | — | — | Basic RNP1 |
| 002 | DF | KOUKI | — | — | -6.5 | — | R | +6000 | — | — | Basic RNP1 |
| 003 | TF | AMMON | — | 004 (357.0) | -6.5 | 27.0 | — | — | — | — | Basic RNP1 |

CHANGE : SID renamed, Course

STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

SURF ONE DEPARTURE

RWY14

| 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 | — | — | 140 (133.9) | -6.5 | — | — | +560 | — | — | Basic RNP1 |
| 002 | DF | TGE | — | — | -6.5 | — | L | — | — | — | Basic RNP1 |

RWY32

| 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 | — | — | 320 (313.9) | -6.5 | — | — | +520 | — | — | Basic RNP1 |
| 002 | DF | TGE | — | — | -6.5 | — | R | — | — | — | Basic RNP1 |

CHANGE : SID renamed

STANDARD ARRIVAL CHART-INSTRUMENT

RJFC / YAKUSHIMA

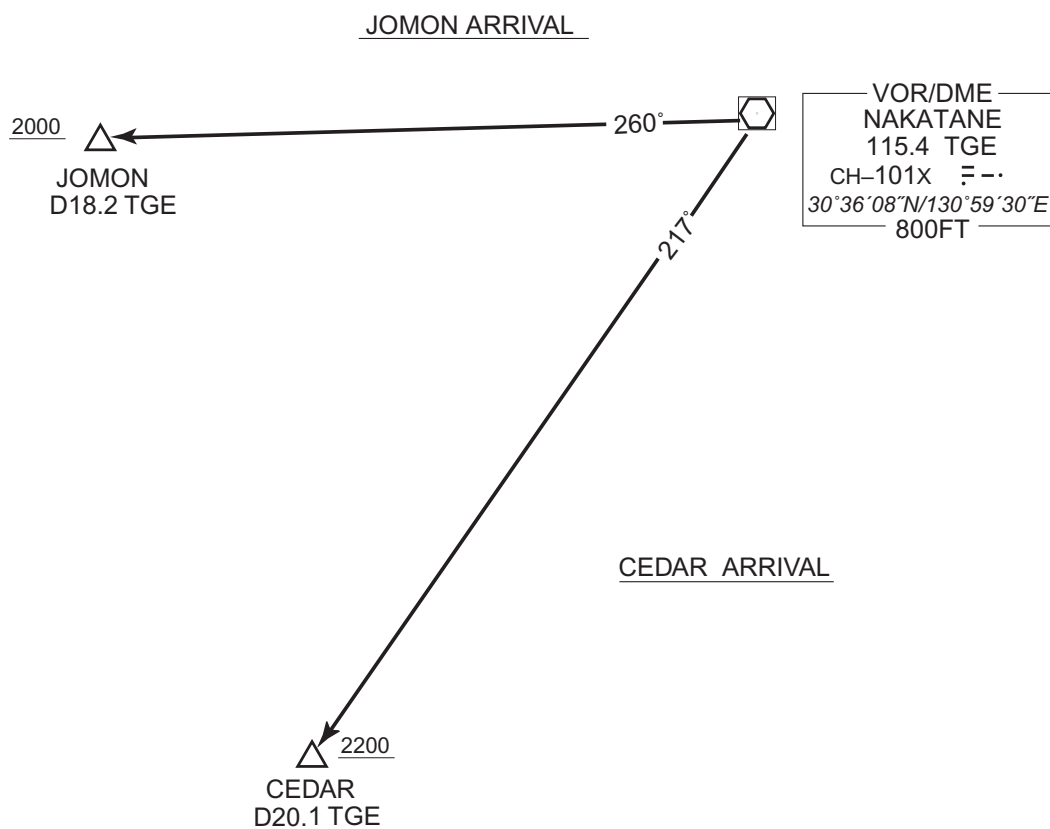
STAR

JOMON ARRIVAL

From over TGE VOR/DME, via TGE R260 to JOMON.
Cross JOMON at or above 2000 FT.

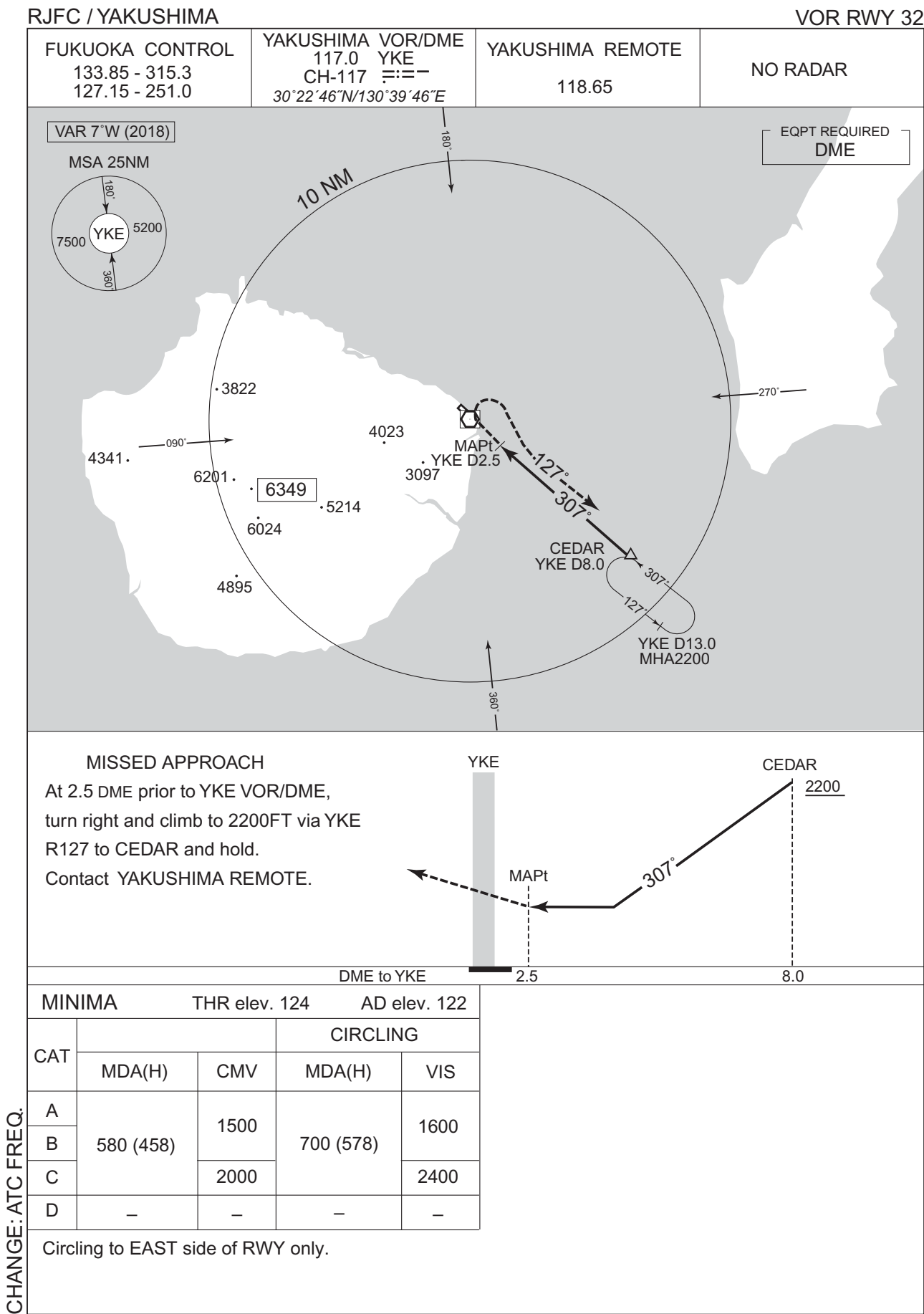
CEDAR ARRIVAL

From over TGE VOR/DME, via TGE R217 to CEDAR.
Cross CEDAR at or above 2200 FT.



CHANGE : Radial and distance FM TGE.

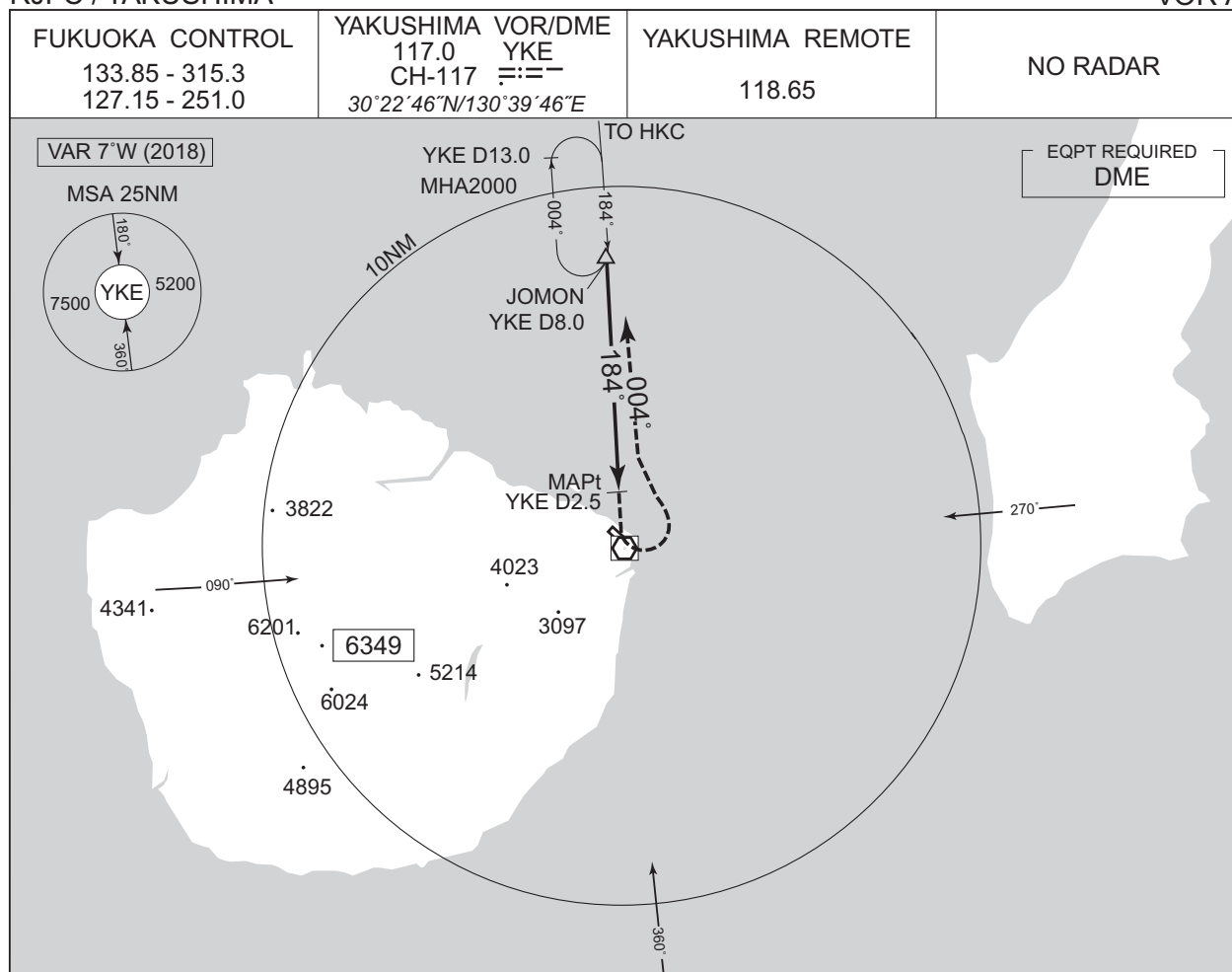
INSTRUMENT APPROACH CHART



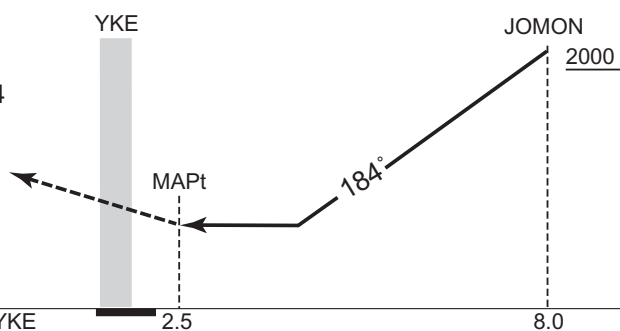
INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

VOR A

**MISSED APPROACH**

At 2.5DME prior to YKE VOR/DME,
turn left and climb to 2000FT via YKE R004
to JOMON and hold.
Contact YAKUSHIMA REMOTE.



DME to YKE

2.5

8.0

MINIMA

AD elev. 122

| CAT | CIRCLING | |
|-----|-----------|------|
| | MDA(H) | VIS |
| A | 700 (578) | 1600 |
| B | | 2400 |
| C | | |
| D | — | — |

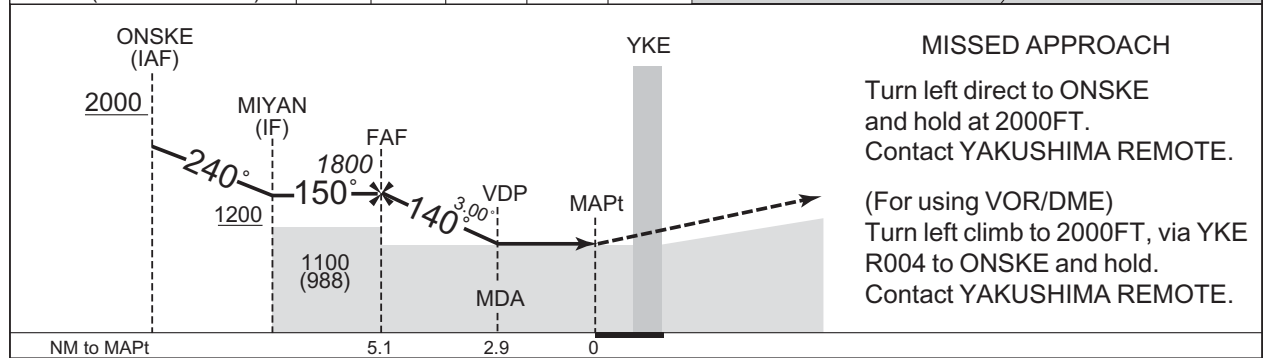
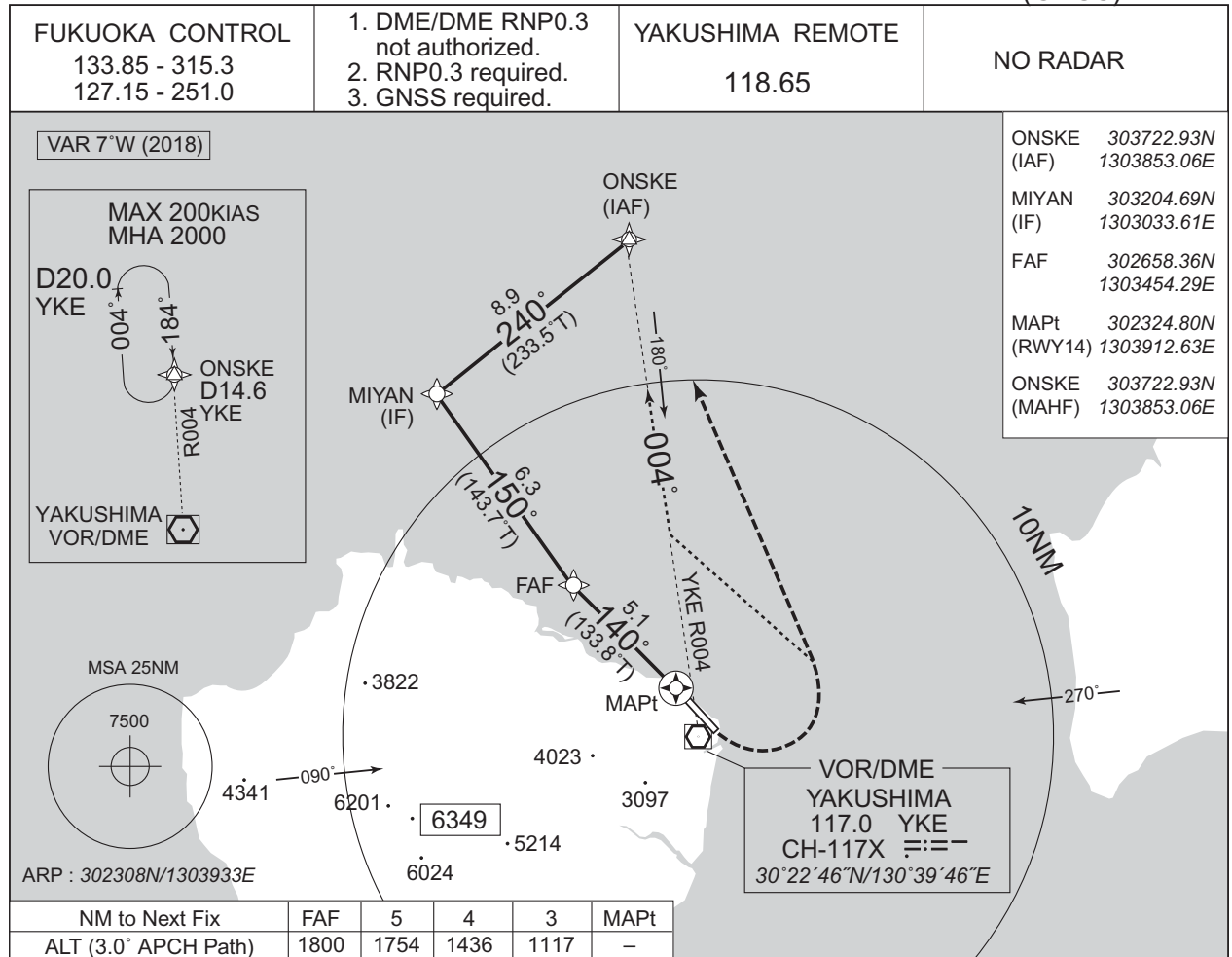
Circling to EAST side of RWY only.

CHANGE: ATC FREQ.

INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNAV(GNSS) RWY14



CHANGE: ATC FREQ.

| MINIMA | | THR elev. 112 | AD elev. 122 | |
|--------|------------|---------------|--------------|------|
| CAT | LNAV | | CIRCLING | |
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 1030 (918) | 1500 | 1030 (908) | 1600 |
| B | | | | 2400 |
| C | | 2000 | | |
| D | | | | 3200 |

Circling to EAST side of RWY only.

RJFC / YAKUSHIMA

Visual REP

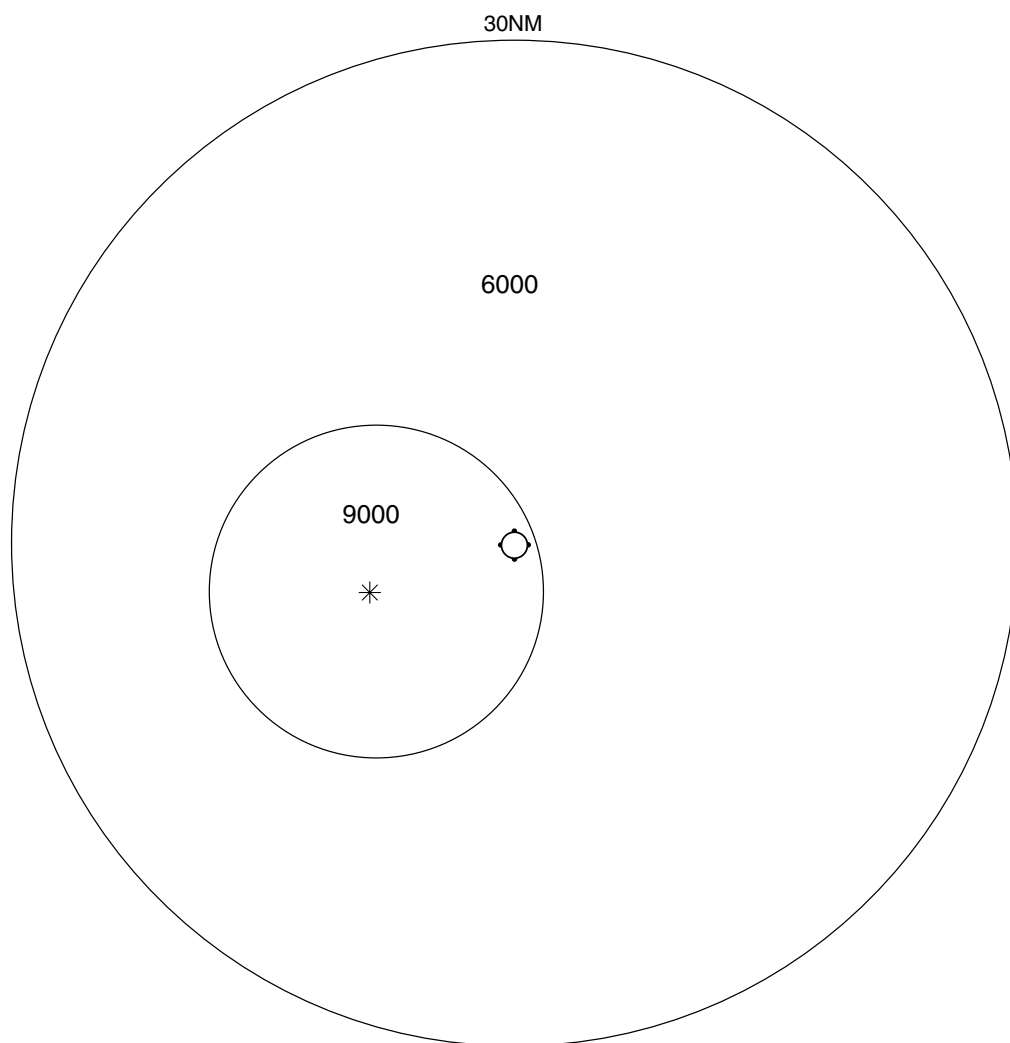


Note : A/G COM from Kagoshima FSC is blinded between 180° and 300° from Yakushima VOR/DME (YKE).

| Call sign | BRG / DIST from ARP | Remarks |
|------------------|---------------------|--------------------|
| 10NM N | 000°/10NM | 海上 Over the sea |
| 10NM NE | 045°/10NM | 海上 Over the sea |
| 10NM SE | 135°/10NM | 海上 Over the sea |
| 10NM S | 180°/10NM | 海上 Over the sea |
| 宮之浦 Miyanoura | 300°/5.5NM | 港 Harbor |

RJFC / YAKUSHIMA

Minimum Vectoring Altitude CHART



CENTER : 302308N/1303933E (ARP)

* : 302013N/1302957E RADIUS : 10NM