

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 | 7°W (2021) / 5°W |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | KAGOSHIMA PREF. PUBLIC AP. 310-1, Koseda, 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 : AFIS provided by Kagoshima Airport Office. |
| 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 | 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 TWY: (Marking) TWY CL, RWY HLDG PSN, TWY side stripe (LGT) TWY edge LGT |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking) Overrun area (LGT) Apron flood LGT |

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 | RADIO |
| 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° | 1500×45 | PCN 18/F/B/Y/T Asphalt | 302324.94N1303912.87E | THR ELEV: 112ft |
| 32 | 313.87° | 1500×45 | PCN 18/F/B/Y/T Asphalt | 302251.20N1303953.40E | THR ELEV: 124ft |
| Slope of RWY | | Strip Dimensions(M) | RESA(Overrun) Dimensions(M) | Remarks | |
| 7 | | 10 | 11 | 14 | |
| See AD 2.24 AD Chart | | 1620×150 | 50×150 | RWY Grooving 1500×30m | |
| See AD 2.24 AD Chart | | 1620×150 | 50×150 | RWY Grooving 1500×30m | |

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 : 369m from RWY 32 THR RWY14: 380m 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 Radio En | |

RJFC AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|-----------------|-----------|--------------------|--------------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| AFIS | Yakushima Radio | 118.65MHz | 2330 - 1030 | Operated by Kagoshima Airport Office |

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

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

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

TAKE OFF MINIMA

| | 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'-1600m 0'-400m* | - | 200'-1600m 0'-400m* |
| | 32 | A,B,C | - | - | - | 200'-1600m | - | 200'-1600m |
| OTHER | 14 | A,B,C | AVBL LDG MINIMA | | | | | |
| | 32 | | | | | | | |

*Applicable in case of climbing with 8.8% gradient up to 560FT.

RJFC AD 2.23 ADDITIONAL INFORMATION

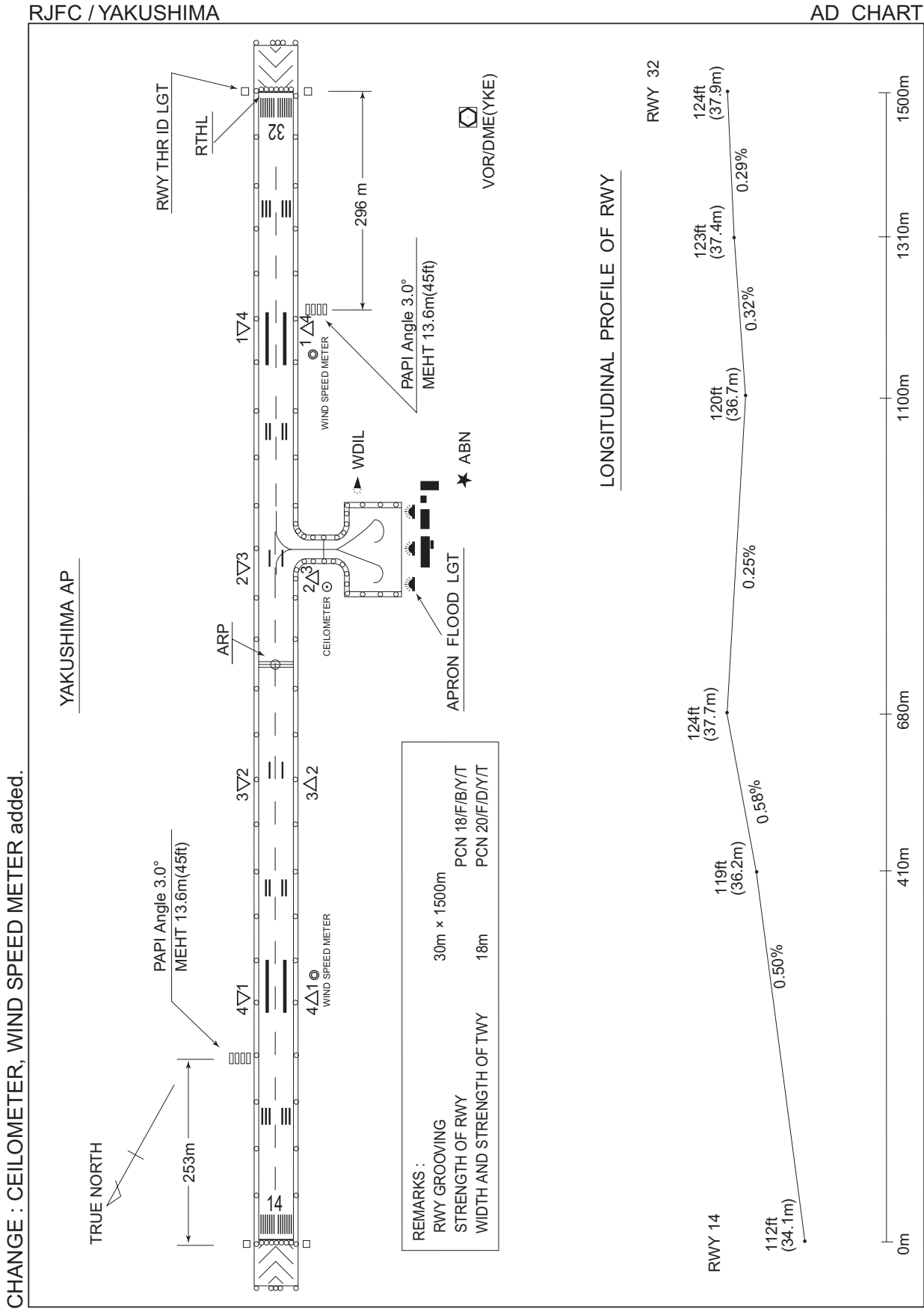
Nil

RJFC AD 2.24 CHARTS RELATED TO AN AERODROME

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

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

INTENTIONALLY LEFT BLANK



STANDARD DEPARTURE CHART-INSTRUMENT

RJFC / YAKUSHIMA

SID

NAKATANE FOUR DEPARTURE

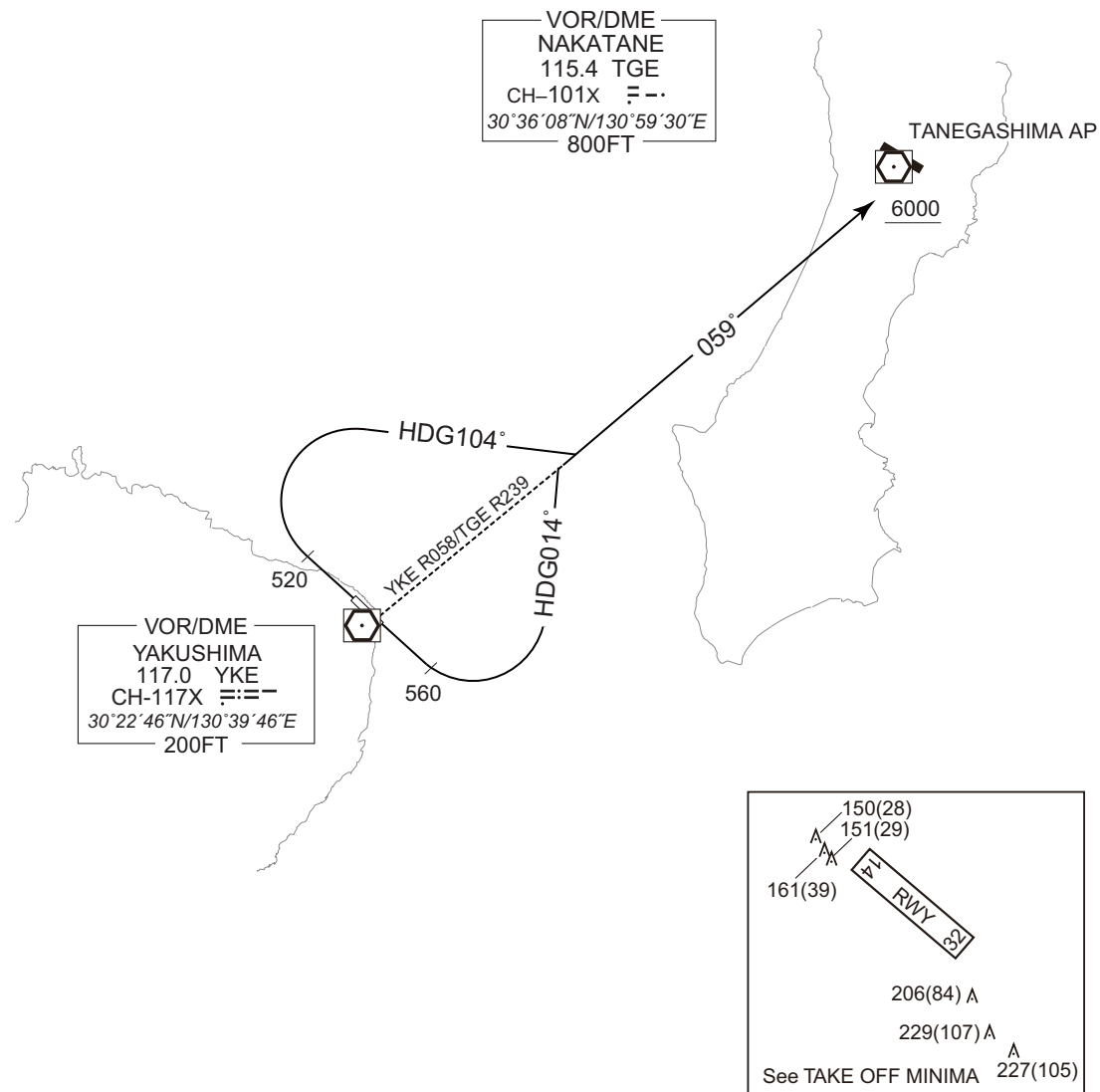
RWY14 : Climb RWY HDG to 560FT, turn left HDG014°...

RWY32 : Climb RWY HDG to 520FT, turn right HDG104°...

... to intercept and proceed via YKE R058/TGE R239 to TGE VOR/DME.
Cross TGE VOR/DME at or above 6000FT.

Note RWY14 : In case of climbing with 8.8% gradient up to 560FT,
another TKOF WX MINIMA is applicable.
OBST ALT 206FT located at 0.2NM 180° FM end of RWY14.

CHANGE : PROC renamed. KAGOSHIMA SEVEN DEPARTURE abolished. PROC course. Note. OBST chart added.



STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

AMMON FOUR DEPARTURE

Basic RNP1

Note GNSS required.

VAR 7°W

AMMON
311042.8N
1303652.2E27.0
004°KOUKI
304346.8N
1303830.2E
6000

TANEGASHIMA AP

520

327°

147°

560

150(28)
151(29)
161(39)

RWY 32

206(84) A

229(107) A

See TAKE OFF MINIMA 227(105)

VOR/DME
YAKUSHIMA
117.0 YKE
CH-117X $\equiv \equiv \equiv$
30°22'46"N/130°39'46"E
200FT

CHANGE : PROC renamed. PROC course. OBST.

STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

AMMON FOUR DEPARTURE

RWY14 : Climb on HDG 141° at or above 560FT, turn left direct to KOUKI at or above 6000FT, to AMMON.

RWY32 : Climb on HDG 321° at or above 520FT, turn right direct to KOUKI at or above 6000FT, to AMMON.

Note RWY14 : In case of climbing with 8.8% gradient up to 560FT,
another TKOF WX MINIMA is applicable.
OBST ALT 206FT located at 0.2NM 180° FM end of RWY14.

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 | — | — | 141 (134.0) | -6.9 | — | — | +560 | — | — | Basic RNP1 |
| 002 | DF | KOUKI | — | — | -6.9 | — | L | +6000 | — | — | Basic RNP1 |
| 003 | TF | AMMON | — | 004 (357.0) | -6.9 | 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 | — | — | 321 (314.0) | -6.9 | — | — | +520 | — | — | Basic RNP1 |
| 002 | DF | KOUKI | — | — | -6.9 | — | R | +6000 | — | — | Basic RNP1 |
| 003 | TF | AMMON | — | 004 (357.0) | -6.9 | 27.0 | — | — | — | — | Basic RNP1 |

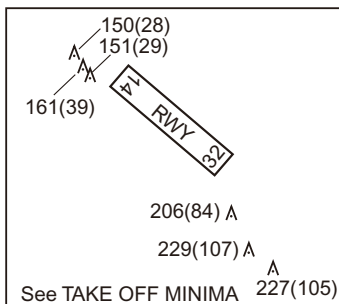
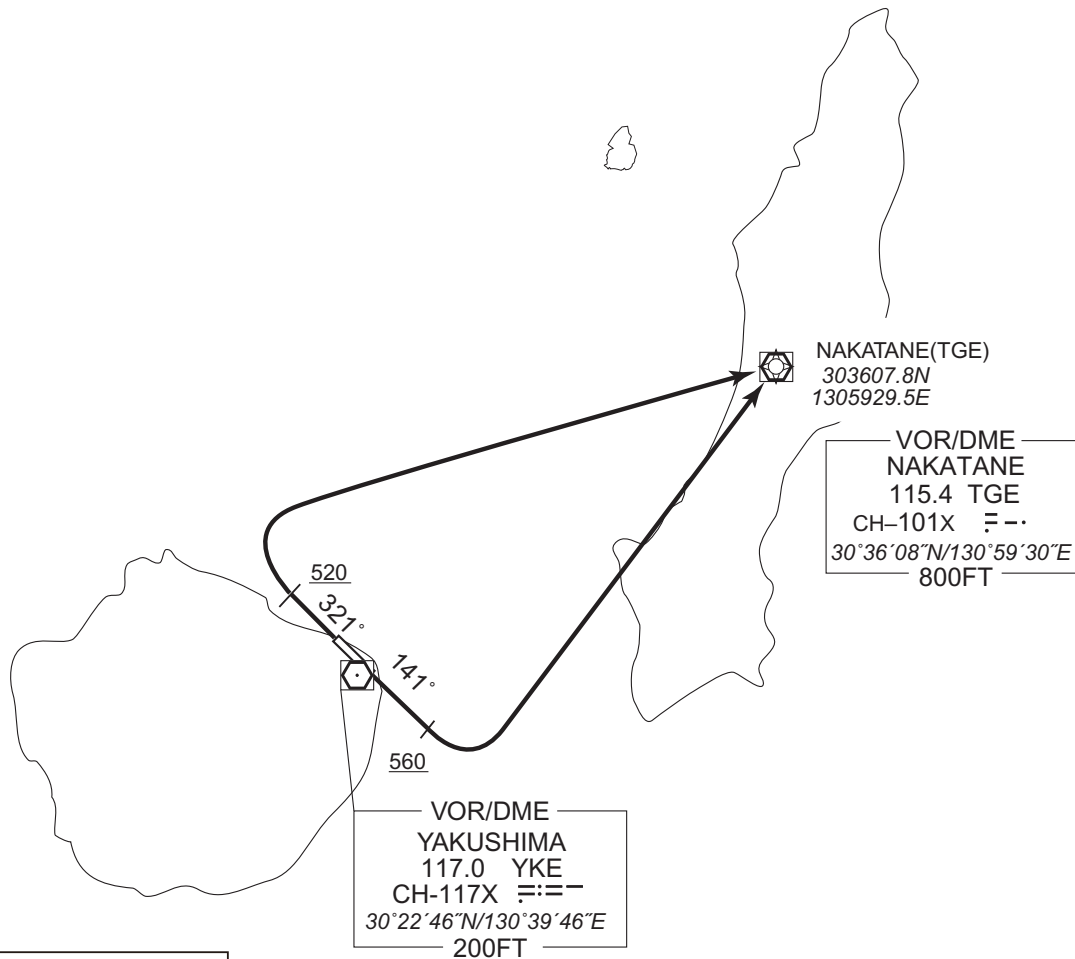
CHANGE : VAR. PROC renamed. PROC course. Note RWY14 added.

RJFC / YAKUSHIMA

RNAV SID

Basic RNP1

VAR 7°W



CHANGE : PROC renamed. PROC course. OBST.

STANDARD DEPARTURE CHART -INSTRUMENT

RJFC / YAKUSHIMA

RNAV SID

SURF TWO DEPARTURE

RWY14 : Climb on HDG 141° at or above 560FT, turn left direct to TGE.
RWY32 : Climb on HDG 321° at or above 520FT, turn right direct to TGE.

Note RWY14 : In case of climbing with 8.8% gradient up to 560FT,
another TKOF WX MINIMA is applicable.
OBST ALT 206FT located at 0.2NM 180° FM end of RWY14.

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 | — | — | 141 (134.0) | -6.9 | — | — | +560 | — | — | Basic RNP1 |
| 002 | DF | TGE | — | — | -6.9 | — | 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 | — | — | 321 (314.0) | -6.9 | — | — | +520 | — | — | Basic RNP1 |
| 002 | DF | TGE | — | — | -6.9 | — | R | — | — | — | Basic RNP1 |

CHANGE : VAR. PROC renamed. PROC course. Note RWY14 added.

STANDARD ARRIVAL CHART-INSTRUMENT

RJFC / YAKUSHIMA

STAR

CEDAR ARRIVAL

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



CHANGE : JOMON ARRIVAL abolished.

STANDARD ARRIVAL CHART-INSTRUMENT

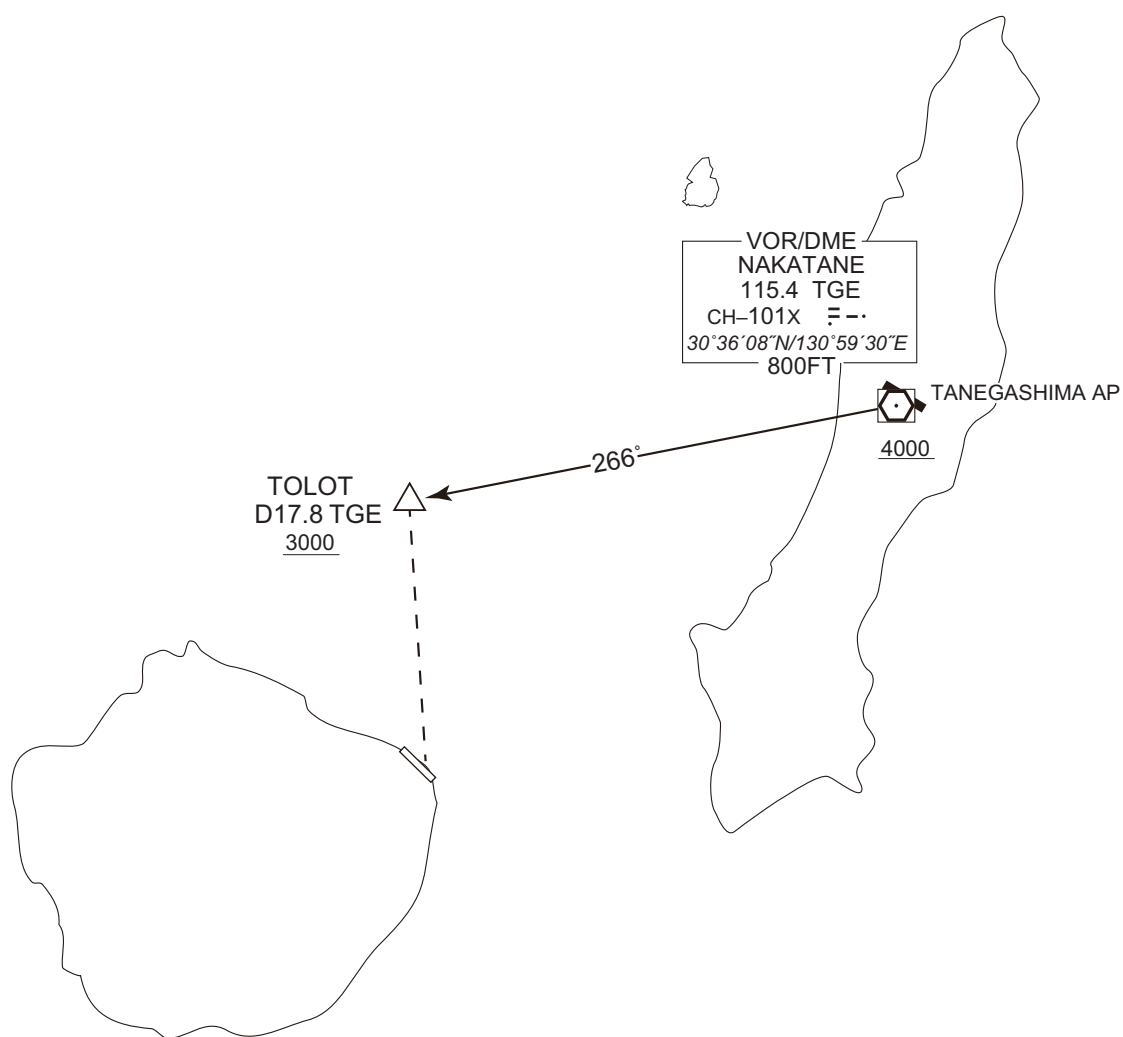
RJFC / YAKUSHIMA

STAR

TOLOT ARRIVAL

From over TGE VOR/DME, via TGE R266 to TOLOT.

Cross TGE VOR/DME at or above 4000FT, cross TOLOT at or above 3000FT.



CHANGE : New PROC.

RJFC / YAKUSHIMA

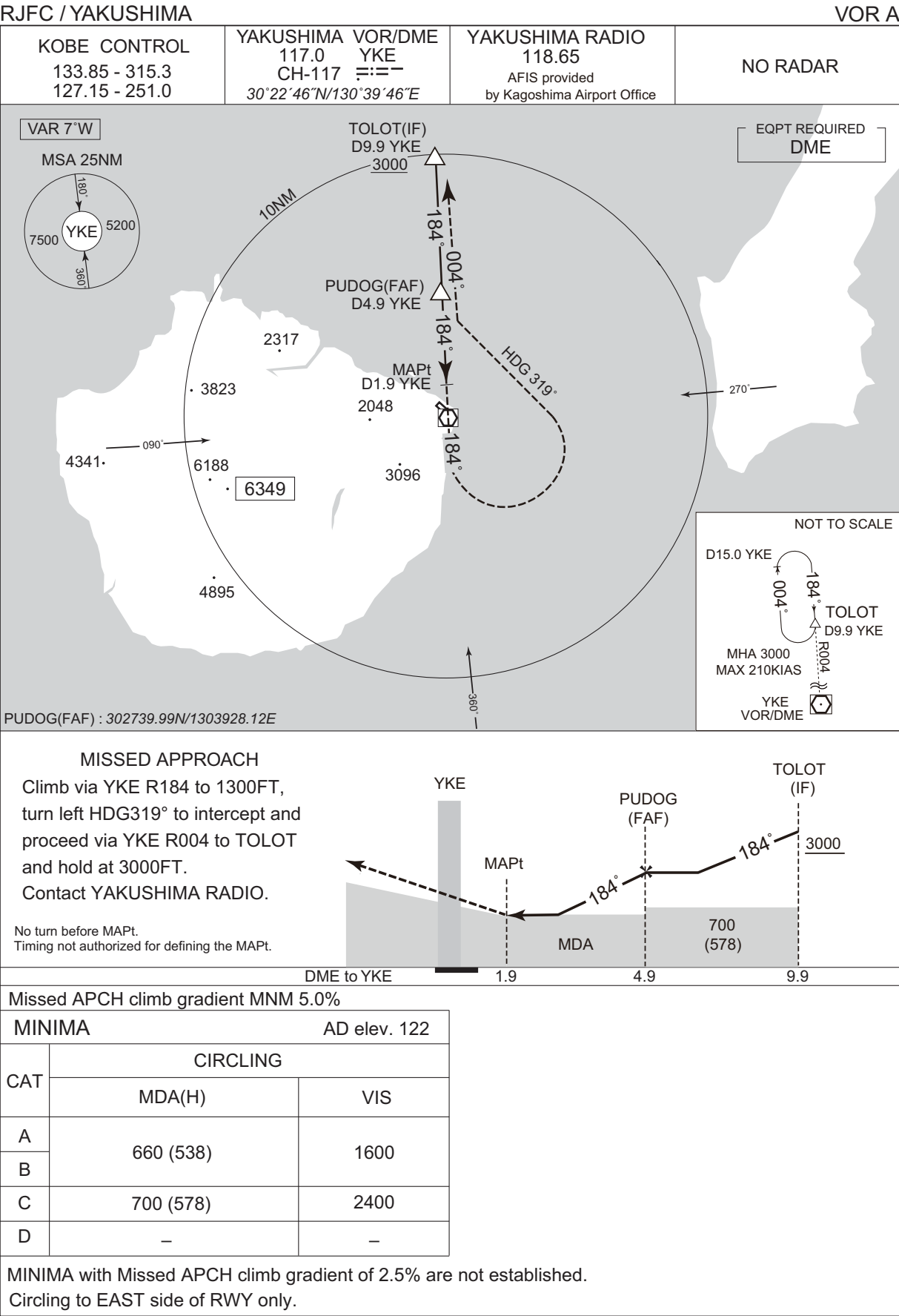
VOR RWY 32

CHANGE : MDA(H) for CIRCLING.

Circling to EAST side of RWY only.

INSTRUMENT APPROACH CHART

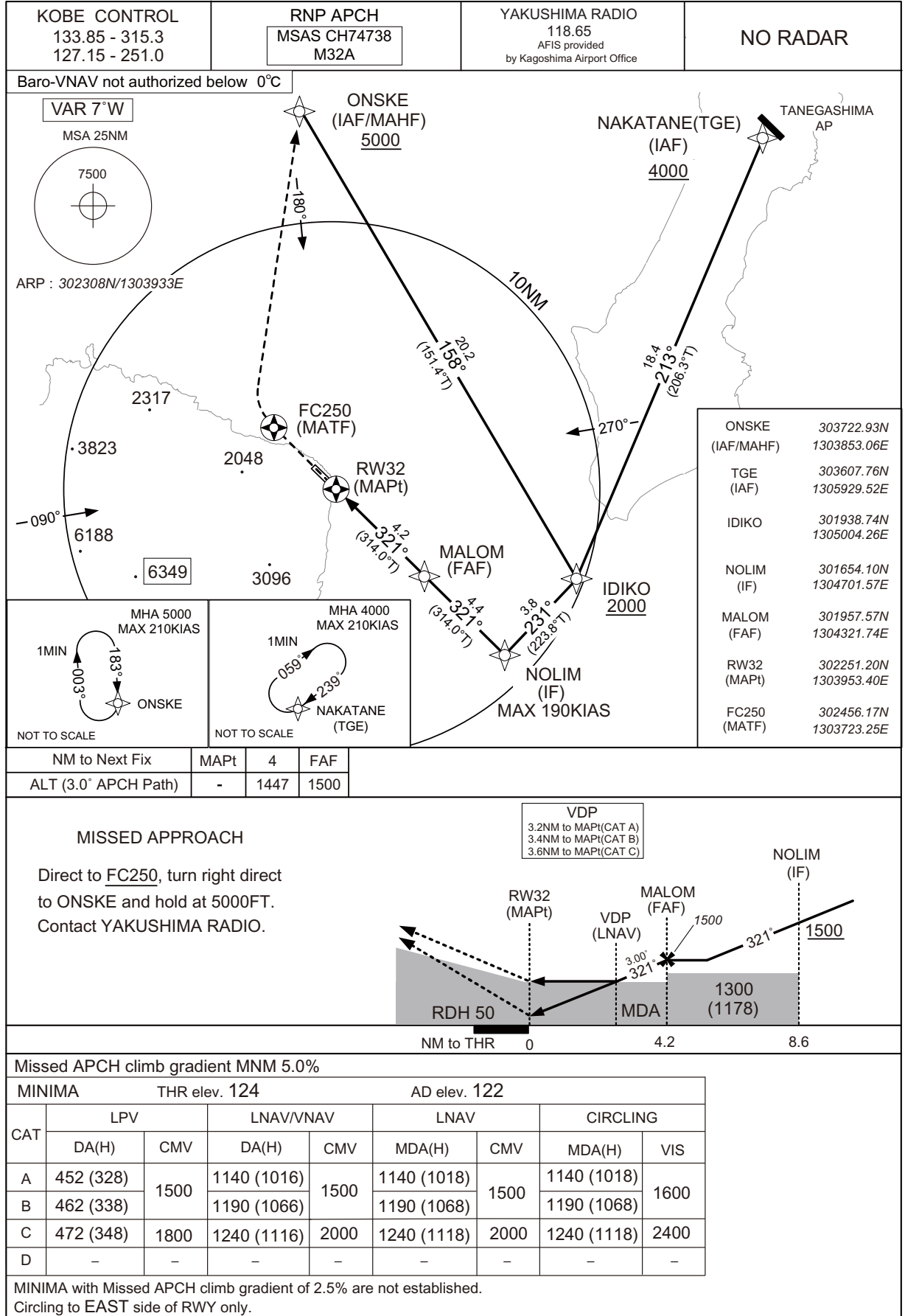
CHANGE : PROC course. JOMON abolished. TOLOT, PUDOG established. HLDG pattarn. DME to YKE. Missed APCH course. OCA(H) added. MDA(H) for CIRCLING.



INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY 32



CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY32

FAS DATA BLOCK

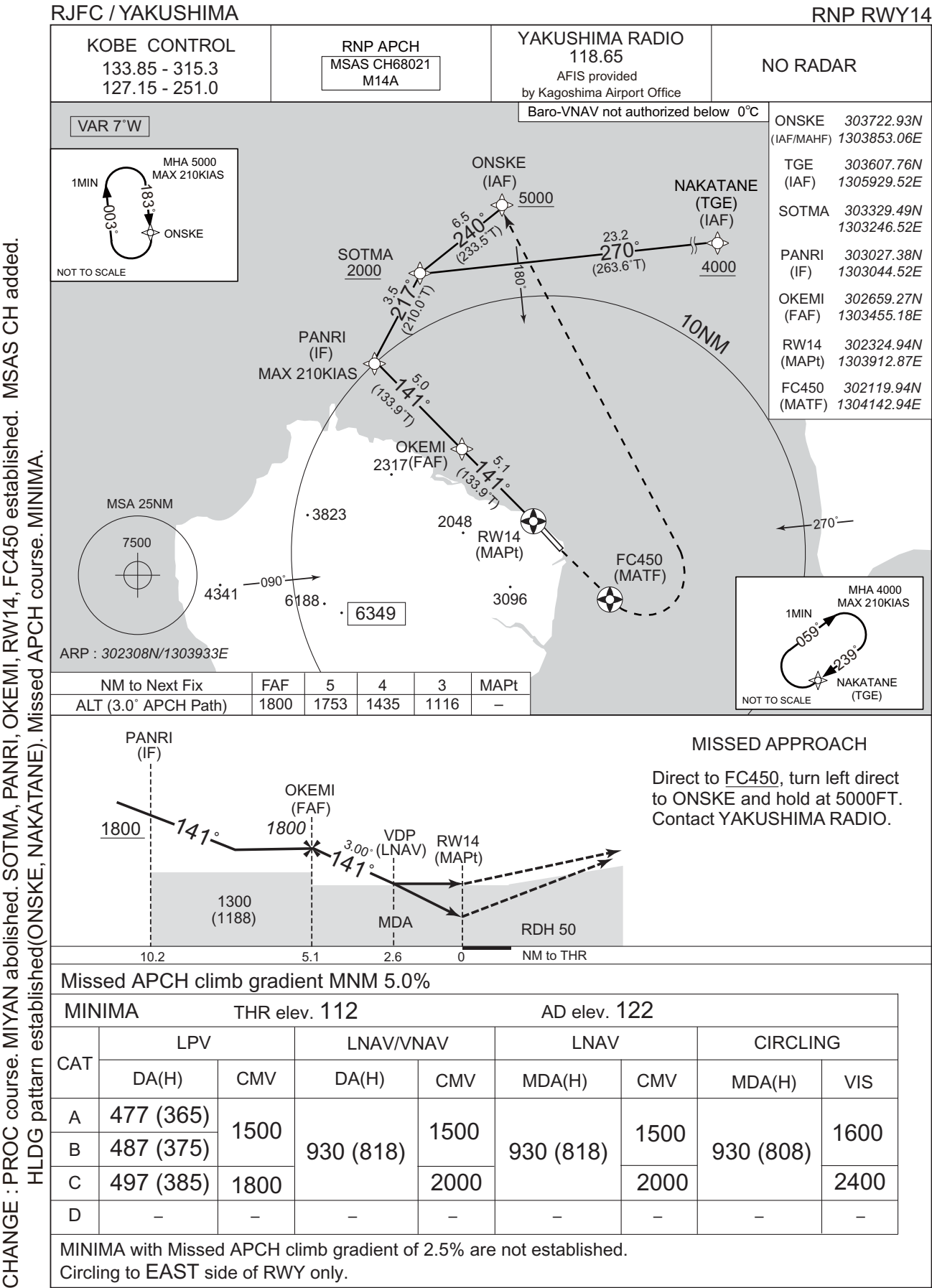
| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00675 |
| SBAS service provider identifier | 2 | FPAP latitude | 302329.2980N |
| Airport identifier | RJFC | FPAP longitude | 1303907.6190E |
| Runway | 32 | Threshold crossing height | 00015.0 |
| Approach performance designator | 0 | TCH units selector | 1 |
| Route indicator | | Glide path angle | 03.00 |
| Reference path data selector | 0 | Course width at threshold | 105.00 |
| Reference path ID | M32A | ∠ length offset | 0192 |
| LTP/FTP latitude | 302251.1820N | HAL | 40.0 |
| LTP/FTP longitude | 1303953.4230E | VAL | 50.0 |
| CRC remainder | 7043F61C | | |

Required additional data

| | |
|----------------------------|------|
| LTP/FTP orthometric height | 37.0 |
|----------------------------|------|

CHANGE : New PROC.

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFC / YAKUSHIMA

RNP RWY14

FAS DATA BLOCK

| | | | |
|----------------------------------|---------------|----------------------------|---------------|
| Operation type | 0 | LTP/FTP ellipsoidal height | +00638 |
| SBAS service provider identifier | 2 | FPAP latitude | 302246.7970N |
| Airport identifier | RJFC | FPAP longitude | 1303958.6910E |
| Runway | 14 | Threshold crossing height | 00015.0 |
| Approach performance designator | 0 | TCH units selector | 1 |
| Route indicator | | Glide path angle | 03.00 |
| Reference path data selector | 0 | Course width at threshold | 105.00 |
| Reference path ID | M14A | ∠ length offset | 0192 |
| LTP/FTP latitude | 302324.9135N | HAL | 40.0 |
| LTP/FTP longitude | 1303912.8885E | VAL | 50.0 |
| CRC remainder | A76A627B | | |

Required additional data

| | |
|----------------------------|------|
| LTP/FTP orthometric height | 33.2 |
|----------------------------|------|

CHANGE : FAS DATA BLOCK; Required additional data established.

RJFC / YAKUSHIMA

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).

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

CHANGE : VAR.

| Call sign | BRG / DIST from ARP | Remarks |
|-------------------|---------------------|--------------------|
| 10NM N | 000°T / 10.0NM | 海上 Over the sea |
| 10NM NE | 045°T / 10.0NM | 海上 Over the sea |
| 宮之浦 Miyanouura | 302°T / 5.0NM | 港 Harbor |
| 10NM SE | 135°T / 10.0NM | 海上 Over the sea |
| 10NM S | 180°T / 10.0NM | 海上 Over the sea |

RJFC / YAKUSHIMA

Minimum Vectoring Altitude CHART

