

AD 2 AERODROMES

RJFK AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJFK - KAGOSHIMA

RJFK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|--|
| 1 | ARP coordinates and site at AD | 314812N/1304310E 150°(MAG) / 1.5km from RWY 16 THR |
| 2 | Direction and distance from (city) | 29.6km (16.0nm) NE of Kagoshima-Chuo railway station. 8.5km(4.6nm) Kajiki Railway station. |
| 3 | Elevation/ Reference temperature | 891ft / 31°C (2012-2016) |
| 4 | Geoid undulation at AD ELEV PSN | Nil |
| 5 | MAG VAR/ Annual change | 7°W (JAN 2015) / 5'W |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | Kagoshima Airport Office (CAB) Fumoto, Mizobe-cho, Kirishima-shi, Kagoshima Pref. AFS:RJFKYFYX Tel:0995(58)4461 |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RJFK AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|--|
| 1 | AD Administration | 2200 - 1300 |
| 2 | Customs and immigration | Customs: 2330-0815 Immigration: INTL SKED FLT hours only |
| 3 | Health and sanitation | Quarantine(human): 2330-0815 Quarantine(animal, plant): INTL SKED FLT hours only |
| 4 | AIS Briefing Office | H24 |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24(FUKUOKA) |
| 7 | ATS | 2200 - 1300 (Flight Information Service (except ATIS) and Alerting Service : H24) |
| 8 | Fuelling | 2330 - 0800 |
| 9 | Handling | 2200 - 1300 |
| 10 | Security | 2105 - 1210 |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RJFK AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|---|
| 1 | Cargo-handling facilities | No limitation |
| 2 | Fuel/ oil types | Fuel / JET A-1, AVGAS 100 Oil / W80,W100 |
| 3 | Fuelling facilities/ capacity | Fuel Truck Refueling, No limitation |
| 4 | De-icing facilities | Nil |
| 5 | Hangar space for visiting aircraft | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | Nil |

RJFK AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|--|
| 1 | Hotels | Hotels in the city |
| 2 | Restaurants | At Airport, Not Continuous |
| 3 | Transportation | Busses and Taxis |
| 4 | Medical facilities | Hospital in Kajiki-cho (10km from Airport) |
| 5 | Bank and Post Office | At Airport, Not Continuous |
| 6 | Tourist Office | Nil |
| 7 | Remarks | Nil |

RJFK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|--|
| 1 | AD category for fire fighting | CAT 9 |
| 2 | Rescue equipment | Chemical fire fighting truck, Water-supply truck, Lighting power supply truck, Emergency medical equipments conveyance truck |
| 3 | Capability for removal of disabled aircraft | Nil |
| 4 | Remarks | Nil |

RJFK AD 2.7 SEASONAL AVAILABILITY-CLEARING

| | | |
|---|-----------------------------|---|
| 1 | Types of clearing equipment | Snow removal equipment: Motor grader x 5, Tractor shovel x 1, Truck x 1, Sweeper x 1 |
| 2 | Clearance priorities | (1)RWY16/34, TWY(T1, T7, P1-P6) (2)TWY(T2-T6), APN |
| 3 | Remarks | Seasonal availability : From DEC 1st to MAR 31st, Snow removal will be commenced, if the RWY are covered with a depth of 3cm snow or more. |

RJFK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|--|
| 1 | Apron surface and strength | Surface-Asphalt concrete, and concrete in part Strength: PCN 62/R/B/X/T PCN 20/F/A/Y/T PCN 20/R/B/X/T in front of Japan Coast Guard hangar |
| 2 | Taxiway width, surface and strength | Surface: Asphalt concrete Strength: PCN 58/F/A/X/T Width: 23m (P1-P6), 28.5m (T1, T7), 34m (T2, T3, T4 and T6), 30m (T5) |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Not available |
| 5 | INS checkpoints | (Spot NR) 1 : 314817.13N, 1304251.30E 2 : 314815.26N, 1304252.50E 3 : 314813.42N, 1304253.74E 4 : 314811.39N, 1304255.12E 5 : 314809.37N, 1304256.54E 6 : 314807.42N, 1304257.91E 7 : 314805.92N, 1304259.23E 8 : 314804.66N, 1304300.08E 9 : 314803.04N, 1304300.76E 10 : 314801.16N, 1304302.04E 17 : 314749.18N, 1304310.21E 18 : 314747.22N, 1304311.53E |
| 6 | Remarks | Nil |

RJFK 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 | ACFT stand ID sign: NR 3 - 10 |
| 2 | RWY and TWY markings and LGT | RWY: (RWY 16/34) (Marking): RWY designation, RWY CL, RWY THR, Aiming point, TDZ, RWY side stripe (LGT): REDL, RENL, RCLL, RTHL, RTZL(RWY 34), WBAR(RWY34) RWY DIST marker LGT TWY: ALL TWY (Marking): TWY CL, TWY side stripe (LGT): TWY edge LGT, TWY CL LGT TWY: T1 - T7 (Marking): RWY HLDG PSN, Mandatory instruction (LGT): RWY guard LGT, Taxiing guidance sign |
| 3 | Stop bars | Stop bar LGT : T1-T7 Stop bar LGT operations 1) Stop bar LGT are installed at each RWY holding position associated with RWY 16/34. 2) Stop bar LGT will be operated when the visibility or the lowest RVR of RWY 16/34 is at or less than 600m. 3) Stop bar LGT on TWY T1, T7 are controlled individually by ATC. 4) Stop bar LGT on TWY T2 through T6 are not controlled individually by ATC. 5) During the period Stop bar LGT operated, TWY T2 through T6 are not available for departure aircraft. |
| 4 | Remarks | (Marking): Overrun area (LGT) Apron flood LGT |

RJFK AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas

See AD 2.24 Obstacle Chart

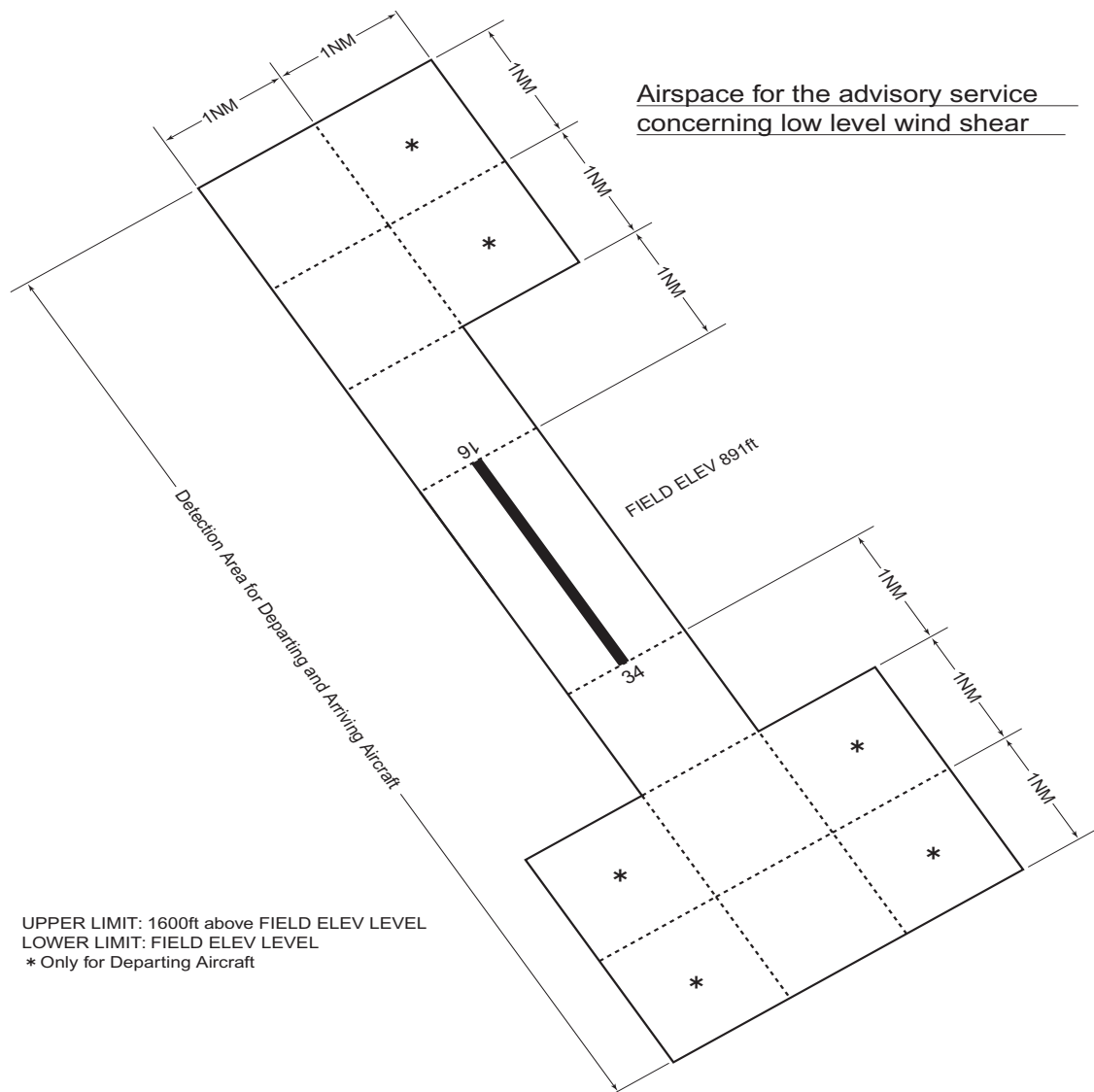
| RWY/Area affected | Obstacle type | Coordinates | Elevation | Markings/LGT | Remarks |
|-------------------|---------------|-----------------|-----------|-------------------|--------------------------------|
| | Pylon | 315718N1303639E | 2117ft | Marking / - | Above outer horizontal surface |
| | Pylon | 315717N1303651E | 2189ft | Marking / Lighted | Above outer horizontal surface |
| | Pylon | 315716N1303704E | 1894ft | Marking / - | Above outer horizontal surface |
| | Building | 314939N1304110E | 1245ft | - / Lighted | Above conical surface |
| | Pylon | 315227N1304736E | 1627ft | Marking / Lighted | Above conical surface |
| | Windmill | 314038N1303551E | 1903ft | Marking / Lighted | Above outer horizontal surface |
| | Windmill | 314034N1303547E | 1903ft | - / Lighted | Above outer horizontal surface |
| | Windmill | 314030N1303542E | 1913ft | - / Lighted | Above outer horizontal surface |
| | Windmill | 314025N1303550E | 2015ft | Marking / Lighted | Above outer horizontal surface |
| | Windmill | 314019N1303548E | 2070ft | Marking / Lighted | Above outer horizontal surface |
| | Windmill | 314013N1303548E | 2067ft | - / Lighted | Above outer horizontal surface |
| | Windmill | 314011N1303554E | 2031ft | - / Lighted | Above outer horizontal surface |
| | Windmill | 314006N1303556E | 1992ft | Marking / Lighted | Above outer horizontal surface |
| | Antenna | 314925N1304104E | 1245ft | Marking / - | Above conical surface |
| | Antenna | 315306N1304841E | 1667ft | Marking / Lighted | Above conical surface |
| | Pylon | 315520N1303908E | 1794ft | - / Lighted | Above conical surface |
| | Pylon | 315513N1303901E | 1840ft | - / Lighted | Above conical surface |
| | Pylon | 315504N1303853E | 1803ft | - / - | Above conical surface |
| | Pylon | 315305N1303806E | 1678ft | - / Lighted | Above conical surface |
| | Pylon | 315218N1303711E | 1638ft | - / Lighted | Above conical surface |
| | Pylon | 315209N1303703E | 1849ft | - / Lighted | Above conical surface |
| | Pylon | 315200N1303659E | 1938ft | - / Lighted | Above conical surface |
| | Pylon | 315150N1303701E | 1725ft | - / Lighted | Above conical surface |
| | Pylon | 315142N1303659E | 1678ft | - / - | Above conical surface |
| | Windmill | 313645N1304913E | 2063ft | Marking / Lighted | Above outer horizontal surface |
| | Windmill | 313635N1304917E | 2119ft | Marking / Lighted | Above outer horizontal surface |
| | Windmill | 313627N1304921E | 2210ft | Marking / Lighted | Above outer horizontal surface |

In circling area and at AD

| Obstacle type | Coordinates | Elevation | Markings/LGT | Remarks |
|----------------------------|-------------|-----------|--------------|---------|
| See AD 2.24 Obstacle Chart | | | | |

RJFK 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 | FUKUOKA 30 Hours |
| 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 | Doppler Radar for Airport Weather (See attached chart) |
| 9 | ATS units provided with information | TWR, APP, ATIS |
| 10 | Additional information (limitation of service, etc.) | Nil |



RJFK 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 |
| 16 | 150° | 3000 × 45 | PCN 58/F/A/X/T Asphalt Concrete | 314854.41N 1304241.34E | THR ELEV: 906ft TDZ ELEV: 905.2ft |
| 34 | 330° | 3000 × 45 | PCN 58/F/A/X/T Asphalt Concrete | 314730.07N 1304338.38E | THR ELEV: 858.8ft TDZ ELEV: 861.6ft |

| Slope of RWY | Strip Dimensions(M) | RESA (Overrun) Dimensions(M) | Remarks |
|--------------------|------------------------|---|-------------------------|
| 7 | 10 | 11 | 14 |
| See attached chart | 3120× 300 | 240 × (MNM:90 MAX:300)* | RWY grooving 3000 X 30m |
| See attached chart | 3120× 300 | 240 × (MNM:90 MAX:300)* *For detail, ask airport administrator | RWY grooving 3000 X 30m |

The profile view shows the runway from 0m to 3000m. The elevation starts at 906.2ft at 0m and decreases to 858.8ft at 3000m. The slopes are -0.21% from 0m to 1200m, -0.54% from 1200m to 1875m, -0.71% from 1875m to 2500m, and -0.72% from 2500m to 3000m. The runway is labeled RWY16 at the start and RWY34 at the end.

| Distance (m) | Elevation (ft) | Slope (%) |
|--------------|----------------|-----------|
| 0 | 906.2 | -0.21 |
| 1200 | 897.3 | -0.54 |
| 1875 | 885.2 | -0.71 |
| 2500 | 870.7 | -0.72 |
| 3000 | 858.8 | - |

RJFK AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | LDA (m) | ASDA (m) | Remarks |
|-------------------|-------------|-------------|------------|-------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 16 | 3000 | 3000 | 3000 | 3000 | Nil |
| 34 | 3000 | 3000 | 3000 | 3000 | Nil |

RJFK 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 |
| 16 | SALS (*1) 421m LIH | Green - | PAPI 3.0°/LEFT 481m 74ft | | 3000m 30m Coded color (White/Red) LIH | 3000m 60m Coded color (White/Yellow) LIH | Red | Nil (*2) |
| 34 | PALS 900m LIH | Green Green | PAPI 3.0°/LEFT 378m 68ft | 900m | 3000m 30m Coded color (White/Red) LIH | 3000m 60m Coded color (White/Yellow) LIH | Red | Nil (*2) |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| SALS with APCH LGT beacon(561m and 948m FM RWY THR)(*1) Overrun area edge LGT(Color:Red)(*2) CGL for RWY 16 | | | | | | | | |

RJFK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 314804N/1304328E, White/Green EV4.3sec, HO |
| 2 | LDI location and LGT Anemometer location and LGT | LDI: Nil Anemometer : RWY 16: 425m from RWY 16 THR, LGTD RWY 34: 515m from RWY 34 THR, LGTD |
| 3 | TWY edge and center line lighting | TWY edge and center line lights installed, see AD2.9 |
| 4 | Secondary power supply/ switch-over time | Within 1sec: REDL, RENL, RTHL, WBAR, RCLL, Overrun area edge LGT, Stop bar LGT Within 15sec: Other LGT |
| 5 | Remarks | WDI LGT |

RJFK AD 2.16 HELICOPTER LANDING AREA

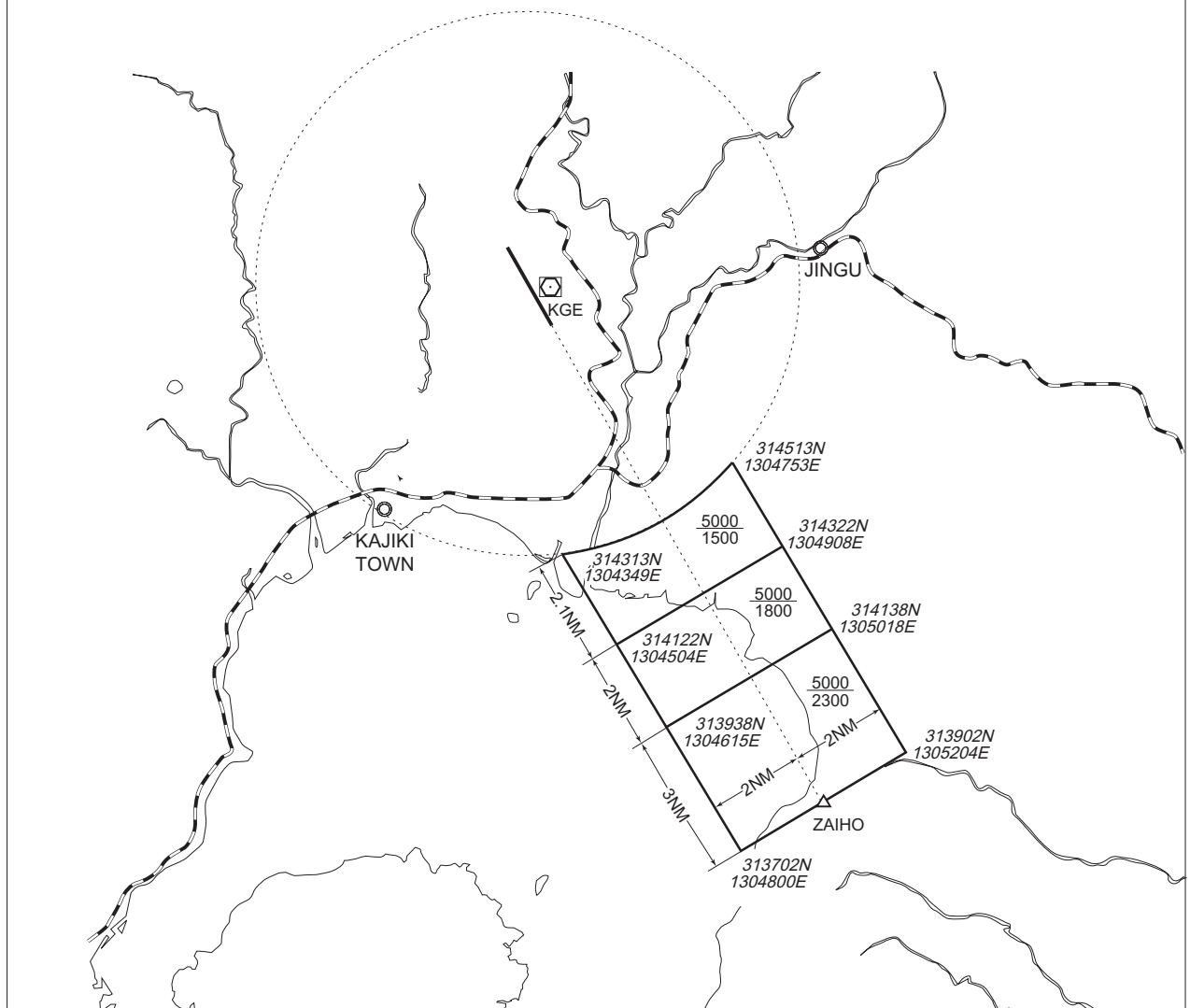
| |
|-----|
| Nil |
|-----|

RJFK AD 2.17 ATS AIRSPACE

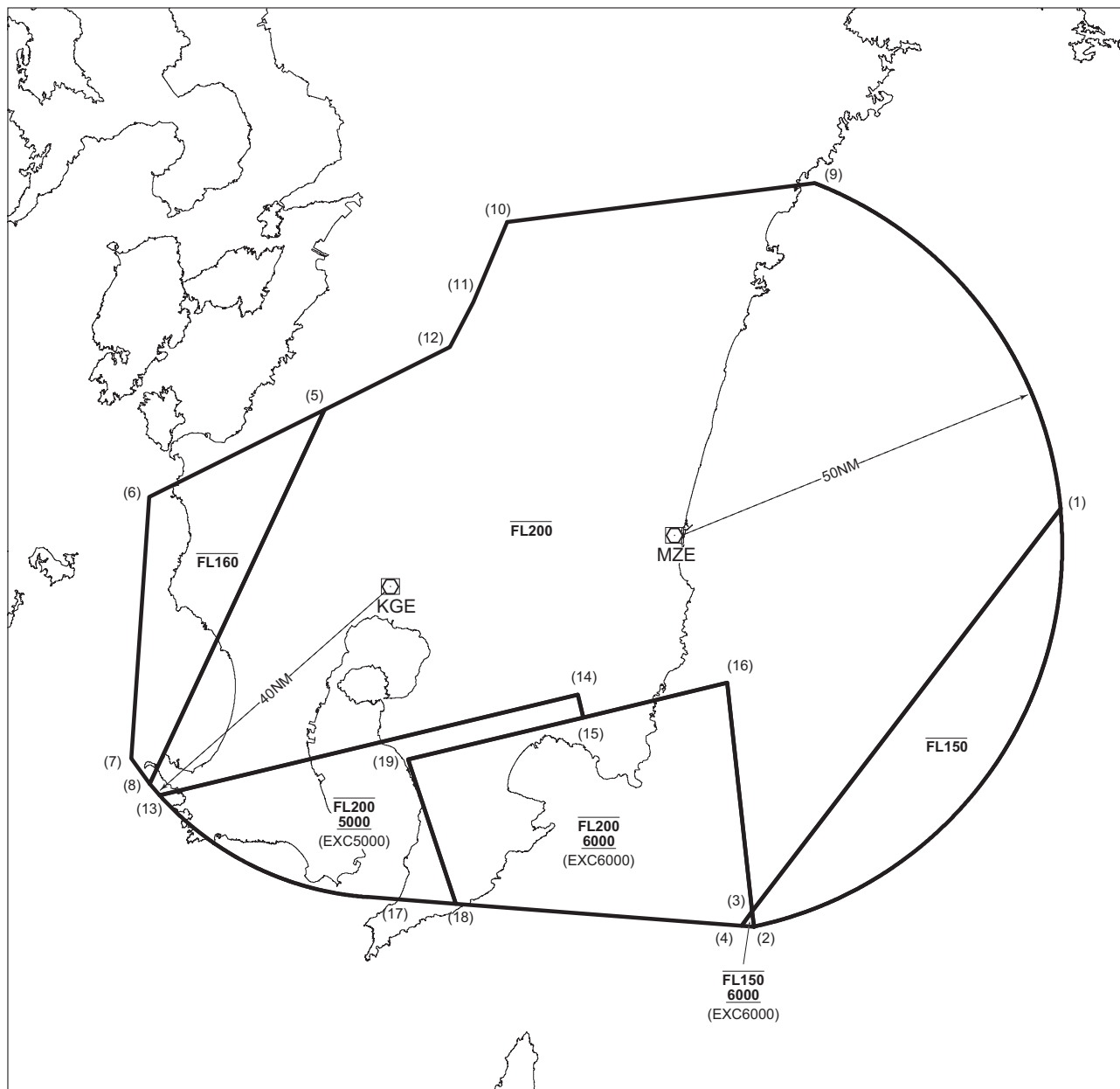
| Designation and lateral limits | | Vertical limits (ft) | Airspace classification | ATS unit call sign Language | Remarks |
|--------------------------------|---|----------------------|-------------------------|--|----------------------------|
| 1 | | 2 | 3 | 4 | 6 |
| KAGOSHIMA CTR | Area within a radius of 5 nm of KAGOSHIMA ARP (31° 48'N 130° 43'E) | 3 000 or below | D | KAGOSHIMA TWR En | |
| KAGOSHIMA PCA | See attached chart | | C | KAGOSHIMA APP(1) KAGOSHIMA RADAR(1) KAGOSHIMA TWR(2) En | (1)Primary (2)Secondary |
| KAGOSHIMA ACA | See attached chart | | E | KAGOSHIMA APP KAGOSHIMA RADAR KAGOSHIMA DEP En | |
| KAGOSHIMA TCA | See attached chart | | E | KAGOSHIMA TCA En | |

鹿児島特別管制区
Kagoshima Positive Control Area

| NAME | LATERAL LIMITS | UPPER LIMIT (AMSL) | UNIT PROVIDING SERVICE | REMARKS |
|------------------|-----------------------------------|--------------------------------|--|---|
| | | LOWER LIMIT (AMSL) M(ft) | | |
| 1 | 2 | 3 | 4 | 5 |
| 鹿児島 KAGOSHIMA | 下記に示される区域 The area shown below | | Primary Kagoshima APP Kagoshima Radar 126.0 120.8 261.2 Secondary Kagoshima TWR 118.2 126.2 261.2 | 当該空域を飛行しようとする航空機は、鹿児島アプローチ（鹿児島レーダー）又は鹿児島タワーに連絡し、コールサイン、現在位置、高度及び意図を通報し指示を受けること。 Pilot requiring transit of Kagoshima Positive Control Area must call Kagoshima Approach (Kagoshima Radar) or Kagoshima Tower prior to the point of entry to provide aircraft identification, position, altitude and intention. |



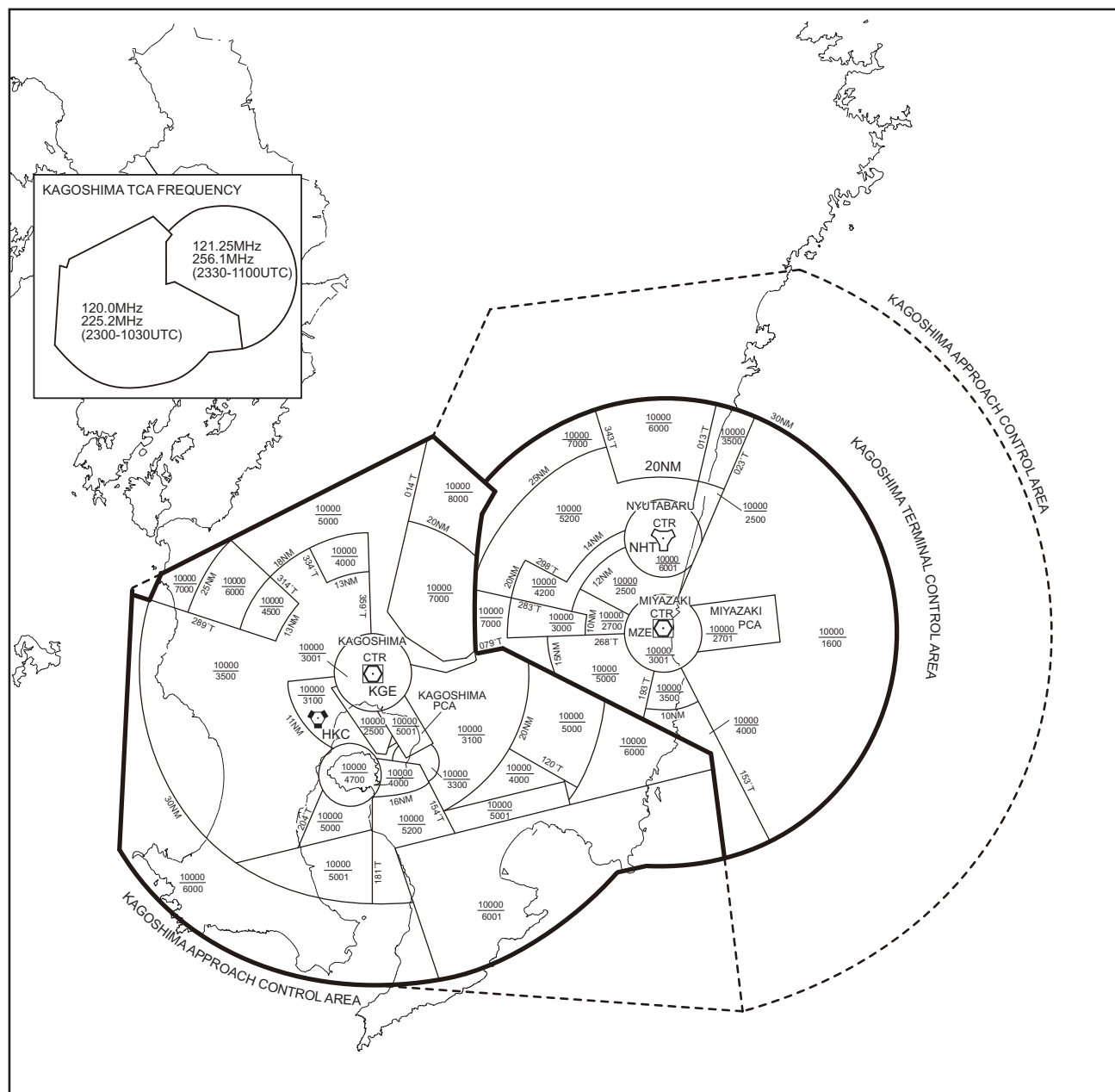
鹿児島進入管制区
Kagoshima Approach Control Area



Point list

| | |
|----------------------|----------------------|
| (1) 315637N1322447E | (11) 322421N1305624E |
| (2) 310334N1313731E | (12) 321836N1305245E |
| (3) 310532N1313718E | (13) 312105N1300842E |
| (4) 310343N1313539E | (14) 313341N1311133E |
| (5) 321040N1303343E | (15) 313045N1311220E |
| (6) 315929N1300708E | (16) 313500N1313405E |
| (7) 312550N1300425E | (17) 310754N1303942E |
| (8) 312235N1300712E | (18) 310657N1305257E |
| (9) 323907N1314828E | (19) 312533N1304601E |
| (10) 323437N1310137E | |

鹿児島ターミナルコントロールエリア
Kagoshima Terminal Control Area



RJFK AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|---------------------|---|--------------------------------|------------|
| 1 | 2 | 3 | 4 | 5 |
| APP | Kagoshima approach | 126.0MHz(1) 119.4MHz 121.4MHz 120.9MHz 362.3MHz 261.2MHz 121.5MHz(E) 243.0MHz(E) | 2200 - 1300 | (1)Primary |
| ASR | Kagoshima Radar | 120.8MHz 121.4MHz 120.9MHz 362.3MHz 261.2MHz 121.5MHz(E) 243.0MHz(E) | 2200 - 1300 | |
| DEP | Kagoshima Departure | 119.4MHz(1) 120.1MHz 121.4MHz 362.3MHz 261.2MHz 121.5MHz(E) 243.0MHz(E) | 2200 - 1300 | |
| TCA | Kagoshima TCA | 120.0MHz 225.2MHz 121.25MHz 256.1MHz | 2300 - 1030 2330 - 1100 | |
| TWR | Kagoshima Tower | 118.2MHz(1) 126.2MHz 261.2MHz 121.5MHz(E) 243.0MHz(E) | 2200 - 1300 | |
| GND | Kagoshima Ground | 121.7MHz | 2200 - 1300 | |
| DLVRY | Kagoshima Delivery | 121.8MHz | 2200 - 1300 | |
| ATIS | Kagoshima Airport | 127.05MHz | 2200 - 1300 | |

RJFK 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 (6°W/2004) | HKC | 113.3MHz | H24 | 314150.00N/ 1303458.59E | | |
| TACAN | HKC | 1167MHz (CH-80X) | H24 | 314149.80N/ 1303500.26E | 1909ft | VORTAC unusable : 150°- 160° beyond 20nm BLW 6000ft. |
| VOR (7°W/2018) | KGE | 115.7MHz | 2200 - 1300 | 314751.15N/ 1304333.97E | | VOR Unusable : 040°- 070° beyond 20nm BLW 8000ft. |
| DME | KGE | 1191MHz (CH-104X) | 2200 - 1300 | 314751.15N/ 1304333.97E | 901ft | DME Unusable : 040°- 050° beyond 15nm BLW 8000ft. 050°- 070° beyond 20nm BLW 8000ft. |
| ILS-LOC 34 | IKG | 111.7MHz | 2200 - 1300 | 314900.89N/ 1304236.96E | | LOC : 230m(755ft) away FM RWY 16 THR, BRG (MAG) 337° |
| ILS-GP 34 | - | 333.5MHz | 2200 - 1300 | 314740.78N/ 1304336.38E | | GP : 312m(1024ft) inside FM RWY 34 THR, 120m(394ft) E of RCL. HGT of ILS REF datum 17.3m(57ft). GP angle 3.0° |
| ILS-DME 34 | IKG | 1015MHz (CH-54X) | 2200 - 1300 | 314741.11N/ 1304336.81E | 880ft | DME : 315m(1034ft) inside FM RWY 34 THR, 135m(443ft) E of RCL. |
| MSAS | | 1575.42MHz | H24 | | | Transmitting antennas are satellite based |



REMARKS : 1. ILS-LOC beam BRG(MAG) 337°
 2. HGT of ILS REF datum 17.3m (57ft)
 3. GP Angle 3.0°
 4. ELEV of ILS-DME 268.1m (880ft)

RJFK AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Owing to congestion on the ACFT aprons, operators of transient ACFT are requested to obtain prior permission from CAB KAGOSHIMA(TEL:0995-58-4470), EXC SKD FLT and ACFT in an emergency.

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

Wing tip clearance at the TWY intersection (REF. AD1.1.6.8)

Wing tip clearance at the TWY intersection between the aircraft holding at the stop marking on the TWY and the other aircraft taxiing behind it are as follows.

When B744 holding at the stop marking on TWY T2 or T6

| Wing Span (WS) of aircraft taxiing on TWY P1 - P2 or P5 - P6 | WS ≤ 21.4m | WS > 21.4m |
|---|------------|------------|
| Wing tip clearance | *B | *C |

Legend:

*A wing tip clearance \geq 15m

*B $6.5\text{m} \leq$ wing tip clearance $<$ 15m

*C wing tip clearance $<$ 6.5m

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

RJFK AD 2.21 NOISE ABATEMENT PROCEDURES

| | |
|--|--|
| 1. 騒音軽減運航方式 すべてのジェット機に対して、空港周辺における航空機騒音軽減のため、運航の安全に支障のない範囲で、以下の方式が適用される。ただし、これらの方式によることができない航空機は実効的にこれらと同等と認められる代替方式を実施するものとする。 (1) 離陸について（滑走路 16/34） 急上昇方式 (2) 着陸について（滑走路 16/34） ディレイド・フラップ進入方式及び低フラップ角着陸方式 (3) リバース・スラストについて なし 2. 優先滑走路方式 なし 3. 優先飛行経路 なし | 1. Noise Abatement Operating Procedures For all jet aircraft, in order to reduce aircraft noise in the vicinity of airport, the following procedures shall be applied unless compliance of the procedures adversely affects the safety of aircraft operations. In case that the aircraft is unable to take these procedures, pilots should execute alternative procedures which are considered to be practically equivalent. (1) For take-off from RWY 16/34 Steepest Climb Procedure (2) For landing to RWY 16/34 Delayed Flap Approach Procedure and Reduced Flap Setting Procedure (3) Reverse Thrust Nil 2. Preferential Runways Procedures Nil 3. Noise Preferential Routes Nil |
|--|--|

RJFK AD 2.22 FLIGHT PROCEDURES

1. TAKE OFF MINIMA

| | RWY | REDL & RCLL AVBL | | REDL or RCLL AVBL | | REDL & RCLL OUT | |
|-----------------------|-----|---------------------|---------------------------|----------------------|---------------------------|--------------------|---------------------------|
| | | CEIL-RVR | CEIL-VIS | CEIL-RVR | CEIL-VIS | CEIL-RVR | CEIL-VIS |
| TKOF ALTN AP FILED | 16 | - | 0' - 400m *200' - 800m | - | 0' - 600m *200' - 800m | - | 0' - 800m *200' - 800m |
| | 34 | 200' - 800m | 200' - 800m | 200' - 800m | 200' - 800m | - | 200' - 800m |
| OTHER | 16 | AVBL LDG MINIMA | | | | | |
| | 34 | | | | | | |

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

* Applicable to OSUMI FIVE DEPARTURE

2. TAKE OFF MINIMA for RNAV DEPARTURE

| | RWY | ACFT CAT | REDL & RCLL | | REDL or RCLL or RCL Marking | | NIL (DAYTIME ONLY) | |
|--|-----|-------------|-----------------|------|--------------------------------|------|-----------------------|------|
| | | | RVR | VIS | RVR | VIS | RVR | VIS |
| Multi-Engine ACFT with TKOF ALTN AP FILED | 16 | A,B,C,D | - | 400m | - | 400m | - | 500m |
| | 34 | A,B,C,D | 400m | 400m | 400m | 400m | - | 500m |
| OTHER | 16 | A,B,C,D | AVBL LDG MINIMA | | | | | |
| | 34 | A,B,C,D | | | | | | |

3. Trajectorized Airport Traffic Data Processing System (TAPS)

Aircraft flying in Kagoshima approach control area under its control will be instructed to reply with discrete code on Mode A/3 and Mode C.

If an aircraft has no capability of replying with discrete code, the pilot shall report ATC if so instructed.

鹿児島アプローチの指示のもとに、当該進入管制区を飛行する航空機は、モード A/3 の二次レーダー個別コード及びモード C による応答を指示される。

二次レーダー個別コードを搭載していない航空機が当該コードによる応答を指示された場合は、管制官に対し、その旨通報すること。

4. Lost Communication Procedures for Arrival Aircraft under radar navigational guidance

If radio communications with Kagoshima Approach/Radar are lost for 30 seconds, Squawk Mode A/3 Code 7600 and :

- 1) Contact Kagoshima tower.
- 2) If unable, proceed in accordance with visual flight rules.
- 3) If unable, proceed to KAJIKI VOR at the last assigned altitude or 4000 feet whichever is higher, and execute approach.

Note : Procedures other than above will be issued when situation requires.

RJFK AD 2.23 ADDITIONAL INFORMATION

Volcano SAKURAJIMA located 3135N/13040E being active

RJFK AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart-1

Aerodrome/Heliport Chart-2

Aerodrome Obstacle Chart - type A (RWY16/34)

Aerodrome Obstacle Chart - type B (RWY16/34)

Standard Departure Chart - Instrument (NANSHU)*

Standard Departure Chart - Instrument (OSUMI)*

Standard Departure Chart - Instrument (SOGIE)*

Standard Departure Chart - Instrument (AIRA)*

Standard Departure Chart - Instrument (MIDAI-RNAV)

Standard Arrival Chart - Instrument (SIMAZ-RNAV)

Standard Arrival Chart - Instrument (KINKOH-RNAV)

Standard Arrival Chart - Instrument (OGOJO, YUKSA, OIDON-RNAV)

Instrument Approach Chart (ILS Z or LOC Z RWY34)

Instrument Approach Chart (ILS Y or LOC Y RWY34)

Instrument Approach Chart (VOR RWY34)*

Instrument Approach Chart (VOR A)*

Instrument Approach Chart (RNAV(GNSS) RWY16)

Other Chart (KINKO VISUAL RWY34)

Other Chart (Visual REP)

Other Chart (LDG CHART)

Other Chart (MVA CHART)

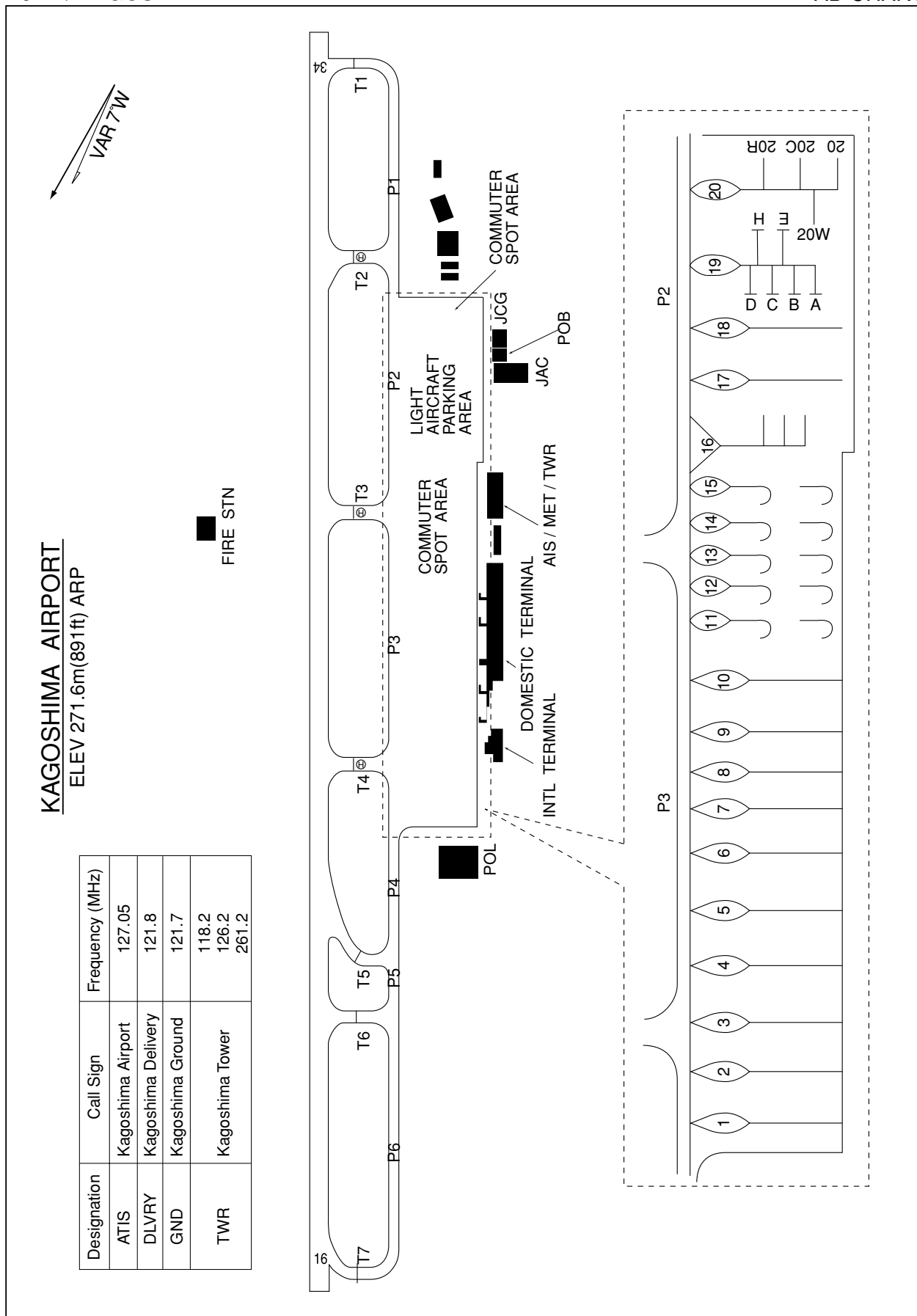
*: Designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

KAGOSHIMA AP
ELEV 271.6m(891ft) ARP



RJFK / KAGOSHIMA

AD CHART



DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC
Transverse Mercator Projection

AERODROME OBSTACLE CHART - ICAO
TYPE A (OPERATING LIMITATIONS)

MAGNETIC VARIATION 7°W - JUL 2021



測量法に基づく国土地理院長承認(使用) R 3Jfk103、国土数値情報(河川、湖沼、緊急輸送道路)

AERODROME OBSTACLE CHART-ICAO
TYPE B

STANDARD DEPARTURE CHART-INSTRUMENT

RJFK / KAGOSHIMA

SID

NANSHU TWO DEPARTURE

RWY 16 : Climb via RWY HDG until 1NM from RWY end/KGE 1.3DME, turn left,...

RWY 34 : Climb via RWY HDG until 1NM from RWY end/KGE 2.3DME, turn right,...

...direct to KGE VOR/DME, via KGE R238 to HKC VORTAC.

Cross KGE VOR/DME at or above 2500FT, cross HKC VORTAC at or above 5000FT.

NOTE : When take off RWY34, following climb gradient should be maintained until 2100FT.

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



STANDARD DEPARTURE CHART-INSTRUMENT

RJFK / KAGOSHIMA

SID and TRANSITION

OSUMI FIVE DEPARTURE

RWY 16 : Climb ...

RWY 34 : Climb via RWY HDG until 1NM from RWY end/KGE 2.3DME, turn right,...
... via KGE R170 to OSUMI.

Note : Following climb gradient should be maintained until 4200FT.

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

JOKER TRANSITION

From over OSUMI, via HKC R134 to JOKER.

SAZMA TRANSITION

From over OSUMI, via KGE R170 to KGE 24DME(HKC R146/22DME), turn right, via HKC 25DME clockwise ARC to intercept and proceed via HKC R207 to SAZMA.

Cross KGE R170/24DME(HKC R146/22DME) at or above 8000FT.

CHANGE : SID renamed, Radial

STANDARD DEPARTURE CHART-INSTRUMENT

RJFK / KAGOSHIMA

SID and TRANSITION



STANDARD DEPARTURE CHART - INSTRUMENT

RJFK / KAGOSHIMA

SID and TRANSITION

SOGIE THREE DEPARTURE

RWY 16 : Climb via RWY HDG until 1NM from RWY end/KGE 1.3DME, turn left, direct to KGE VOR/DME to cross at or above 2500FT,...

RWY 34 : Climb via RWY HDG until 1NM from RWY end/KGE 2.3DME, turn right,...
... via KGE R348 to SOGIE.

NOTE : When take off RWY34, following climb gradient should be maintained until 2300FT.

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

SAKURAJIMA TRANSITION

From over SOGIE, turn left, direct to KGE VOR/DME.
Cross KGE VOR/DME at or above 8000FT.

SASIK TRANSITION

From over SOGIE, via KGE R348 to SASIK.

KAGOSHIMA TRANSITION

From over SOGIE, turn left to intercept and proceed via HKC R001 to HKC VORTAC.



CHANGE : SID renamed, Radial

STANDARD DEPARTURE CHART-INSTRUMENT

RJFK / KAGOSHIMA

➔ SID

AIRA ONE DEPARTURE

- RWY16 : Climb via RWY HDG until 1NM from RWY end/KGE 1.3DME, turn right, proceed to HKC VORTAC.
 RWY34 : (Not established)
 Cross HKC VORTAC at or above 5000FT.



RJFK / KAGOSHIMA

RNAV SID

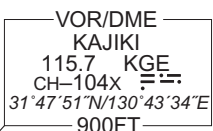
Note 1) DME/DME/IRU or GNSS required.
 ※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.
 2) RADAR service required.

RWY16 : HKC:7NM to OICHI – 2NM to OICHI
KGE:7NM to OICHI – 2NM to OICHI

RWY16 : DER — 7NM to OICHI
RWY34 : DER — 12NM to SMIKO

See AD 1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 7°W (2020)



VOR/DME
MIYAZAKI
112.4 MZE
CH-71X ::=..
31°52'43"N/131°26'15"E
100FT

MIYAZAKI AP

MIDAI THREE DEPARTURE

MIDAI THREE DEPARTURE

RWY16 : Climb on HDG 157° at or above 1300FT, turn right direct to OICHI, to SMIKO at or above 7000FT, to MIDAI at or above FL160.

RWY34 : Climb on HDG 337° at or above 2000FT, turn right direct to FK400, to SMIKO at or above 7000FT, to MIDAI at or above FL160.

Note RWY34 : 5.0% climb gradient required up to 3100FT.

OBST ALT 3117FT located at 7.7NM 046° FM end of RWY34.

STANDARD DEPARTURE CHART - INSTRUMENT

RJFK / KAGOSHIMA

RNAV SID

MIDAI THREE DEPARTURE

RWY16

| 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 (150.1) | -7.2 | — | — | +1300 | — | — | RNAV1 |
| 002 | DF | OICHI | — | — | -7.2 | — | R | — | — | — | RNAV1 |
| 003 | TF | SMIKO | — | 099 (091.5) | -7.2 | 9.4 | — | +7000 | — | — | RNAV1 |
| 004 | TF | MIDAI | — | 099 (091.6) | -7.2 | 20.3 | — | +FL160 | — | — | RNAV1 |

RWY34

| 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 (330.1) | -7.2 | — | — | +2000 | — | — | RNAV1 |
| 002 | DF | FK400 | — | — | -7.2 | — | R | — | — | — | RNAV1 |
| 003 | TF | SMIKO | — | 156 (148.5) | -7.2 | 15.8 | — | +7000 | — | — | RNAV1 |
| 004 | TF | MIDAI | — | 099 (091.6) | -7.2 | 20.3 | — | +FL160 | — | — | RNAV1 |

CHANGE : PROC.

STANDARD ARRIVAL CHART -INSTRUMENT

RJFK / KAGOSHIMA

RNAV STAR RWY34

SIMAZ EAST ARRIVAL

RNAV 1

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

VAR 7°W (2020)



SIMAZ EAST ARRIVAL

From SPICA at or above 10000FT, to JANUS at or above 6000FT, to CELES at or above 4100FT, to KEPLA at or above 3300FT, to MUSES at or above 3100FT, to SIMAZ at above 2800FT.

| | |
|-----------------------|---|
| 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 | SPICA | — | — | -7.2 | — | — | +10000 | — | — | RNAV1 |
| 002 | TF | JANUS | — | 245 (237.8) | -7.2 | 21.7 | — | +6000 | — | — | RNAV1 |
| 003 | TF | CELES | — | 245 (237.8) | -7.2 | 9.6 | — | +4100 | -230 | — | RNAV1 |
| 004 | TF | KEPLA | — | 265 (257.8) | -7.2 | 3.0 | — | +3300 | — | — | RNAV1 |
| 005 | TF | MUSES | — | 297 (289.6) | -7.2 | 1.6 | — | +3100 | — | — | RNAV1 |
| 006 | TF | SIMAZ | — | 297 (289.6) | -7.2 | 1.7 | — | +2800 | -200 | — | 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 | CELES | 265 (257.8) | -7.2 | 1.0(-14000) 1.5(+14001) | — | L | 4100 | — | -230(-14000) -240(+14001) | RNAV1 |

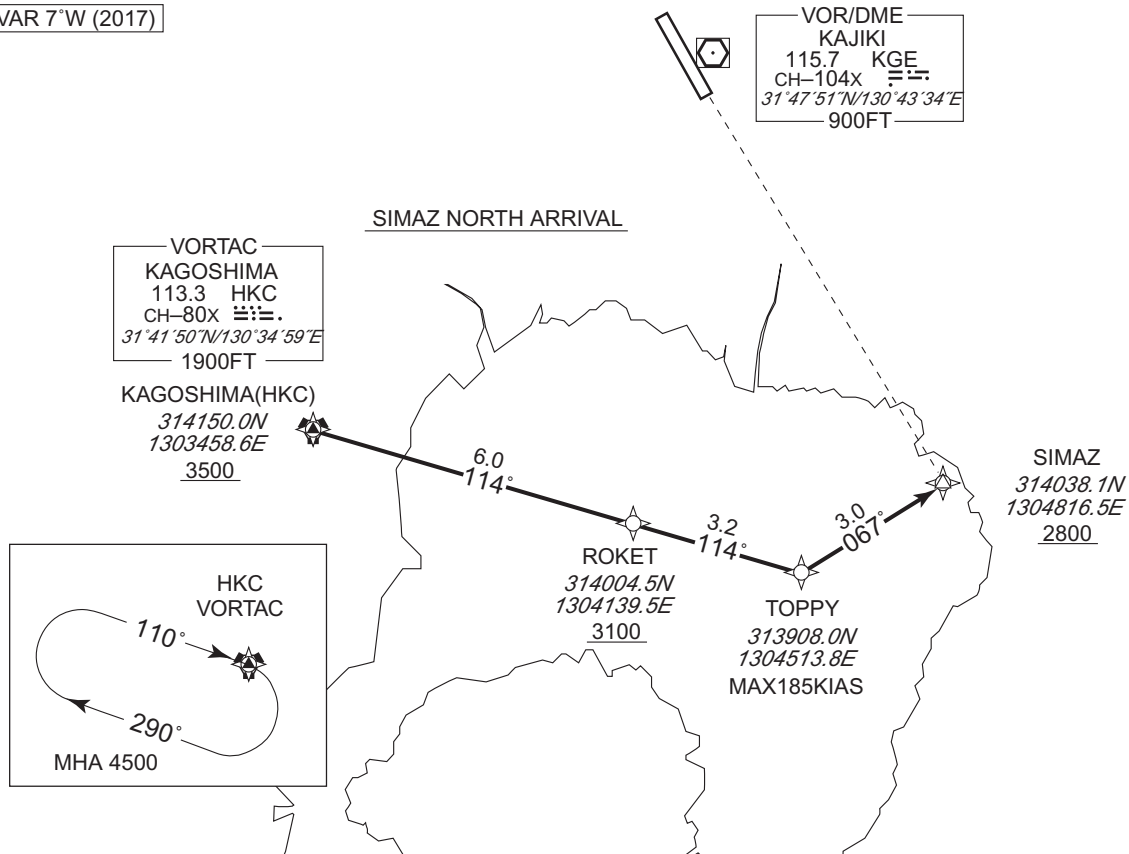
CHANGE : PROC. KOKUBU VOR/DME(KBE) abolished. HLDG pattern.

RJFK / KAGOSHIMA

RNAV STAR RWY34

RNAV 1

VAR 7°W (2017)



From HKC at or above 3500FT, to ROKET at or above 3100FT, to TOPPY, to SIMAZ at or above 2800FT.

| | |
|-----------------------|---|
| Critical DME | KGE : 3NM to ROKET - SIMAZ |
| DME GAP | HKC - 3NM to ROKET |
| 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 | HKC | — | — | -6.9 | — | — | +3500 | — | — | RNAV1 |
| 002 | TF | ROKET | — | 114 (107.2) | -6.9 | 6.0 | — | +3100 | — | — | RNAV1 |
| 003 | TF | TOPPY | — | 114 (107.2) | -6.9 | 3.2 | — | — | -185 | — | RNAV1 |
| 004 | TF | SIMAZ | — | 067 (059.9) | -6.9 | 3.0 | — | +2800 | — | — | RNAV1 |

CHANGE : Critical DME,DME GAP: KOKUBU VOR/DME(KBE) abolished.

STANDARD ARRIVAL CHART -INSTRUMENT

RJFK / KAGOSHIMA

RNAV STAR RWY34

SIMAZ SOUTH ARRIVAL

RNAV 1

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

VAR 7°W (2017)



SIMAZ SOUTH ARRIVAL

From ISKID, to MAGIL at or above 3500FT, to ROKET at or above 3100FT, to TOPPY, to SIMAZ at or above 2800FT.

| | |
|-----------------------|---|
| Critical DME | — |
| DME GAP | ISKID - 3NM to MAGIL 1NM to MAGIL - SIMAZ |
| 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 | ISKID | — | — | -6.9 | — | — | — | — | — | RNAV1 |
| 002 | TF | MAGIL | — | 049 (042.0) | -6.9 | 5.9 | — | +3500 | — | — | RNAV1 |
| 003 | TF | ROKET | — | 098 (091.4) | -6.9 | 4.1 | — | +3100 | — | — | RNAV1 |
| 004 | TF | TOPPY | — | 114 (107.2) | -6.9 | 3.2 | — | — | -185 | — | RNAV1 |
| 005 | TF | SIMAZ | — | 067 (059.9) | -6.9 | 3.0 | — | +2800 | — | — | RNAV1 |

CHANGE : Critical DME,DME GAP, KOKUBU VOR/DME(KBE) abolished.

STANDARD ARRIVAL CHART -INSTRUMENT

RJFK / KAGOSHIMA

RNAV STAR RWY34

KINKOH ARRIVAL

RNAV 1

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

2) RADAR service required.

VAR 7°W (2017)



KINKOH ARRIVAL

KINKOH ARRIVAL

From KINKO, to IROHA at or above 7000FT, to YOGAN at or above 6000FT, to ZAIHO at or above 3300FT.

| | |
|-----------------------|---|
| Critical DME | JAT : 10.2NM to IROHA – 5.7NM to IROHA NHT : 5.6NM to IROHA – 2.4NM to IROHA 2.4NM to ZAIHO – 1.2NM to ZAIHO HKC : 4.4NM to ZAIHO – 1.3NM to ZAIHO |
| 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 | KINKO | – | – | -6.9 | – | – | – | – | – | RNAV1 |
| 002 | TF | IROHA | – | 045 (038.6) | -6.9 | 11.1 | – | +7000 | – | – | RNAV1 |
| 003 | TF | YOGAN | – | 046 (038.6) | -6.9 | 4.0 | – | +6000 | – | – | RNAV1 |
| 004 | TF | ZAIHO | – | 337 (330.2) | -6.9 | 7.2 | – | +3300 | – | – | RNAV1 |

CHANGE : KOKUBU VOR/DME(KBE) abolished.

STANDARD ARRIVAL CHART-INSTRUMENT

RJFK / KAGOSHIMA

RNAV STAR RWY16

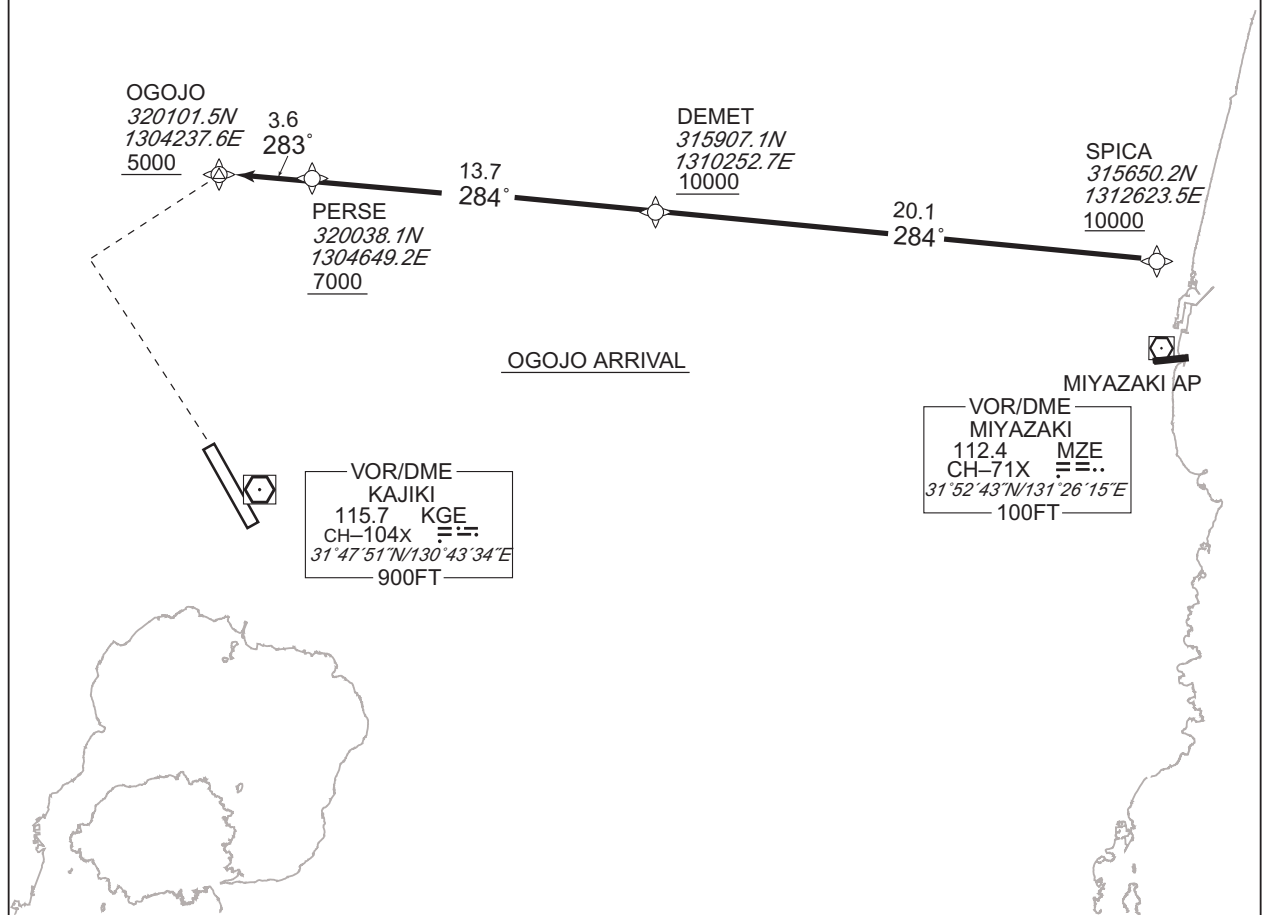
OGOJO ARRIVAL

RNAV 1

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

2) RADAR service required.

VAR 7°W (2020)



OGOJO ARRIVAL

From SPICA at or above 10000FT, to DEMET at or above 10000FT, to PERSE at or above 7000FT, to OGOJO at or above 5000FT.

| | | |
|-----------------------|---|---|
| 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 | SPICA | — | — | -7.2 | — | — | +10000 | — | — | RNAV1 |
| 002 | TF | DEMET | — | 284 (276.6) | -7.2 | 20.1 | — | +10000 | — | — | RNAV1 |
| 003 | TF | PERSE | — | 284 (276.4) | -7.2 | 13.7 | — | +7000 | — | — | RNAV1 |
| 004 | TF | OGOJO | — | 283 (276.3) | -7.2 | 3.6 | — | +5000 | — | — | RNAV1 |

CHANGE : PROC. KOKUBU VOR/DME(KBE) abolished.

STANDARD ARRIVAL CHART-INSTRUMENT

RJFK / KAGOSHIMA

RNAV STAR RWY16

YUKSA ARRIVAL

RNAV 1

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

VAR 7°W (2017)

YUKSA ARRIVAL

From MOCOS at or above 10000FT, to SEPPE at or above 10000FT, to JADDO, to YUKSA at or above 5000FT.

| | | |
|-----------------------|---|----------------------|
| Critical DME | MZE | 2NM to JADDO - JADDO |
| | KUE | 1NM to YUKSA - YUKSA |
| | MZE | 1NM to YUKSA - YUKSA |
| 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 | MOCOS | — | — | -6.9 | — | — | +10000 | — | — | RNAV1 |
| 002 | TF | SEPPE | — | 281 (273.6) | -6.9 | 4.0 | — | +10000 | — | — | RNAV1 |
| 003 | TF | JADDO | — | 280 (273.6) | -6.9 | 8.7 | — | — | — | — | RNAV1 |
| 004 | TF | YUKSA | — | 231 (224.0) | -6.9 | 7.3 | — | +5000 | — | — | RNAV1 |

STANDARD ARRIVAL CHART-INSTRUMENT

RJFK / KAGOSHIMA RNAV STAR RWY16

OIDON ARRIVAL RNAV 1

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



OIDON ARRIVAL
From HKC at or above 4500FT, to OIDON at or above 4500FT.

| | | |
|-----------------------|---|----------------------|
| Critical DME | HKC | 7NM to OIDON - OIDON |
| DME GAP | HKC - 10NM to OIDON | |
| 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 | HKC | — | — | -6.9 | — | — | +4500 | — | — | RNAV1 |
| 002 | TF | OIDON | — | 351 (343.6) | -6.9 | 13.7 | — | +4500 | — | — | RNAV1 |

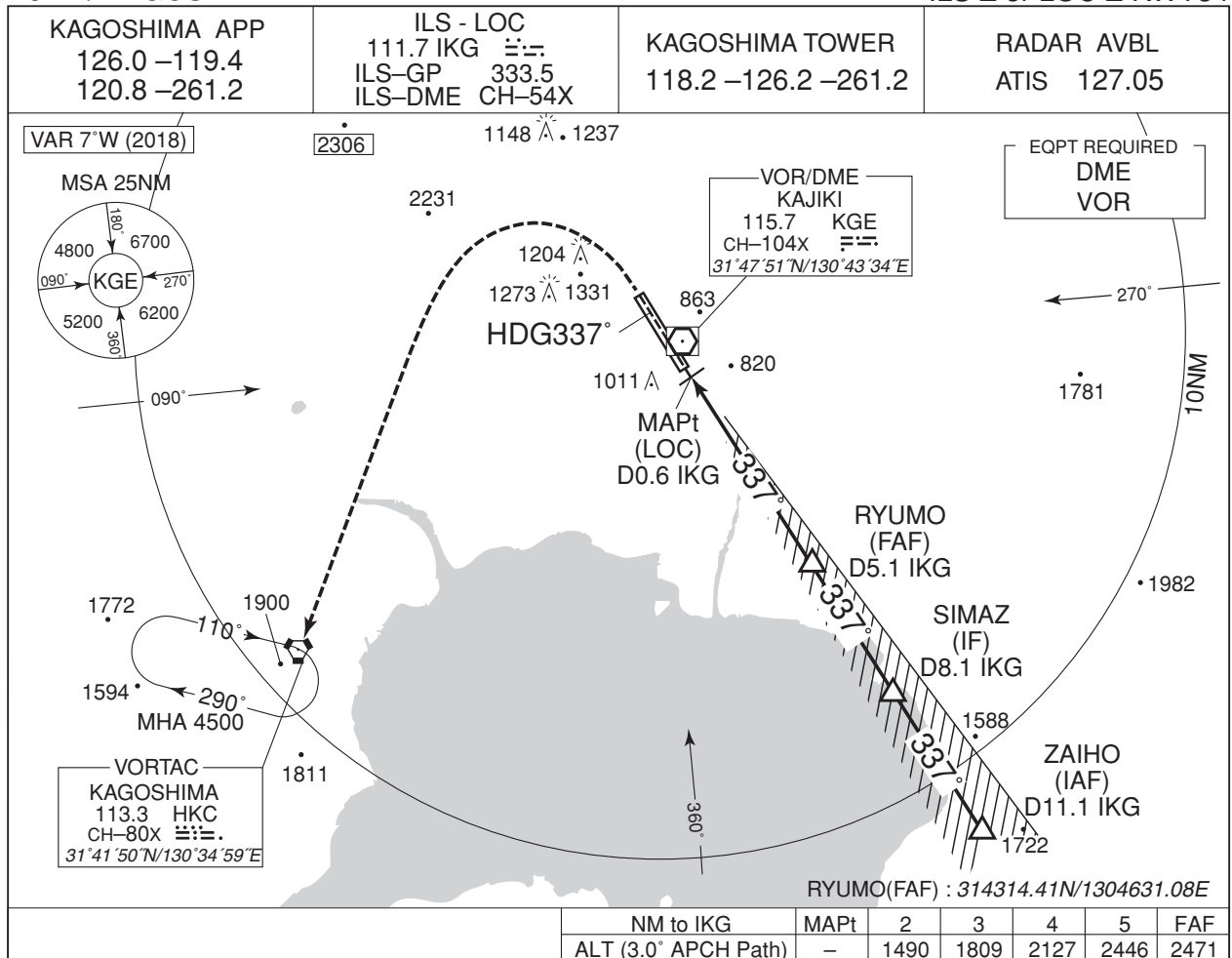
CHANGE : Critical DME,DME GAP. KOKUBU VOR/DME(KBE) abolished.

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INSTRUMENT APPROACH CHART

RJFK / KAGOSHIMA

ILS Z or LOC Z RWY34

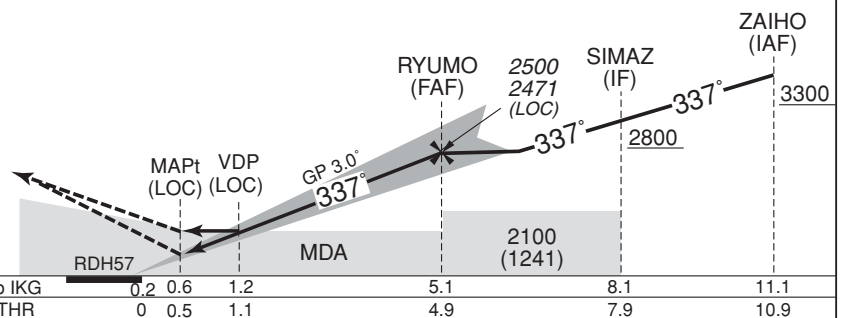


MISSED APPROACH

Climb to 1300FT on HDG337°,
turn left, direct to HKC VORTAC
and hold at 4500FT.

Contact KAGOSHIMA APP.

No turn before IKG 0.6DME.
Timing not authorized for defining the MAPt.



Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 859 AD elev. 891

| CAT | CAT I | | LOC | | CIRCLING | |
|-----|------------|---------|------------|---------|------------|------|
| | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 1059 (200) | 550 | 1240 (381) | 900 | 1660 (769) | 1600 |
| B | | | | 1000 | | |
| C | | | | 1000 | | |
| D | | | | 1400 | | |

MINIMA with Missed APCH climb gradient of 2.5% are not established.

INSTRUMENT APPROACH CHART

RJFK / KAGOSHIMA

ILS Y or LOC Y RWY34

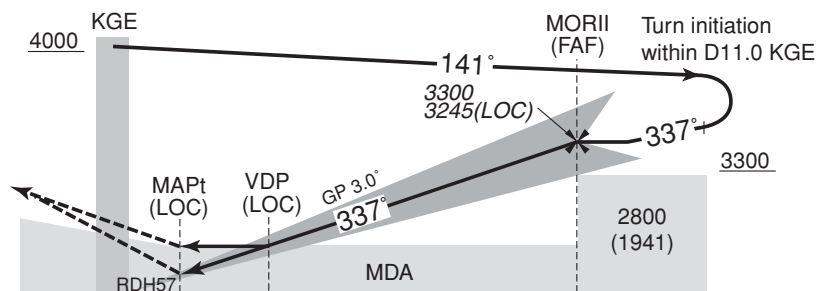


MISSED APPROACH

Climb to 1300FT on HDG337°,
turn left, direct to HKC
VORTAC and hold at 4500FT.
Contact KAGOSHIMA APP.

No turn before IKG 0.6DME.

Timing not authorized for defining the MAPt.



| | | | | |
|------------|-----|-----|-----|-----|
| DME to IKG | 0.2 | 0.6 | 1.2 | 7.5 |
| NM to THR | 0 | 0.5 | 1.1 | 7.4 |

Missed APCH climb gradient MNM 5.0%.

MINIMA THR elev. 859 AD elev. 891

| CAT | CAT I | | LOC | | CIRCLING | |
|-----|------------|---------|------------|---------|------------|------|
| | DA(H) | RVR/CMV | MDA(H) | RVR/CMV | MDA(H) | VIS |
| A | 1059 (200) | 550 | 1240 (381) | 900 | 1660 (769) | 1600 |
| B | | | | 1000 | | 2400 |
| C | | | | 1400 | | 3200 |
| D | | | | | | |

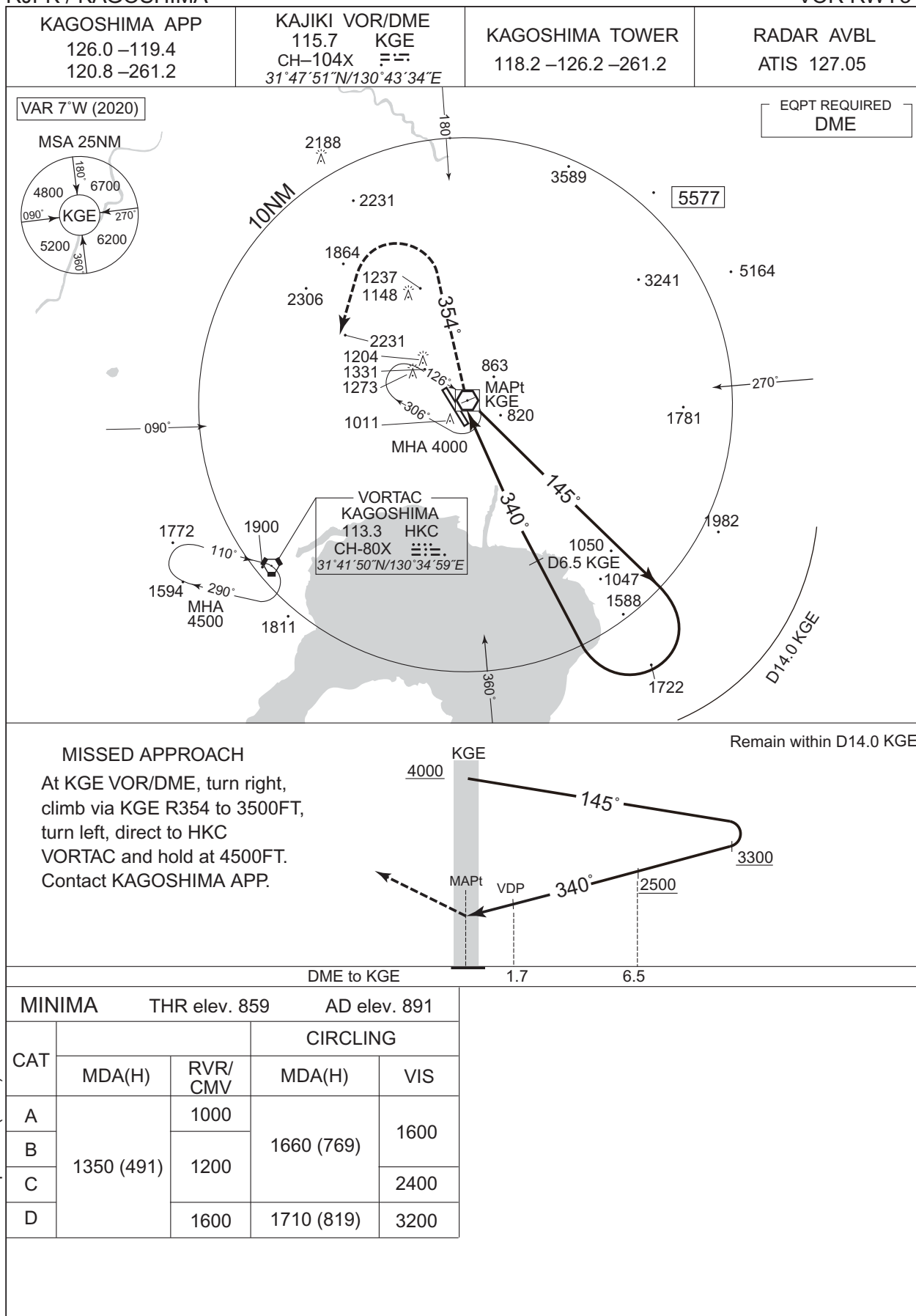
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : VAR, Radial

INSTRUMENT APPROACH CHART

RJFK / KAGOSHIMA

VOR RWY34

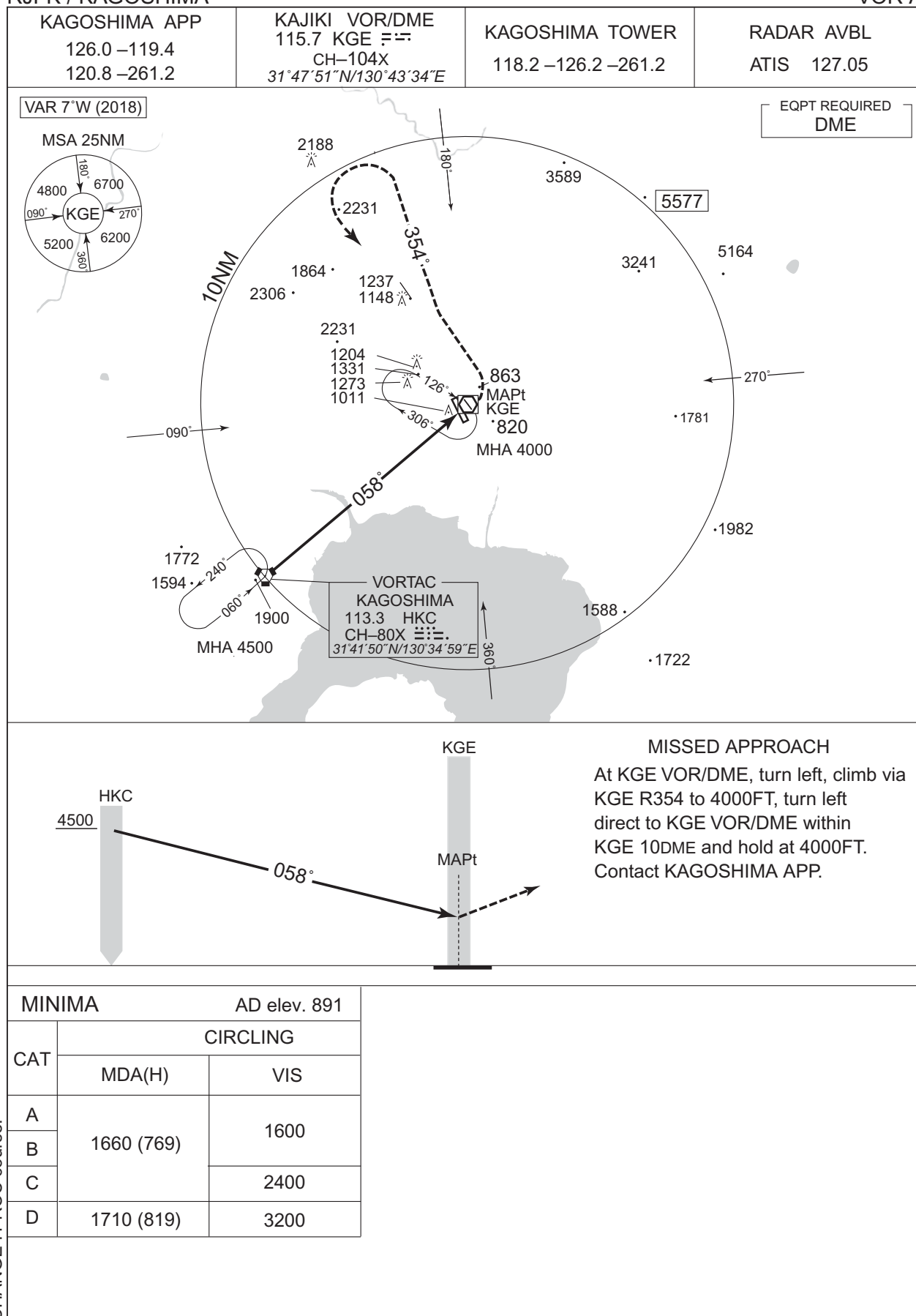


CHANGE : HLDG pattern(KGE) established. ALT restriction at KGE added.

INSTRUMENT APPROACH CHART

RJFK / KAGOSHIMA

VOR A

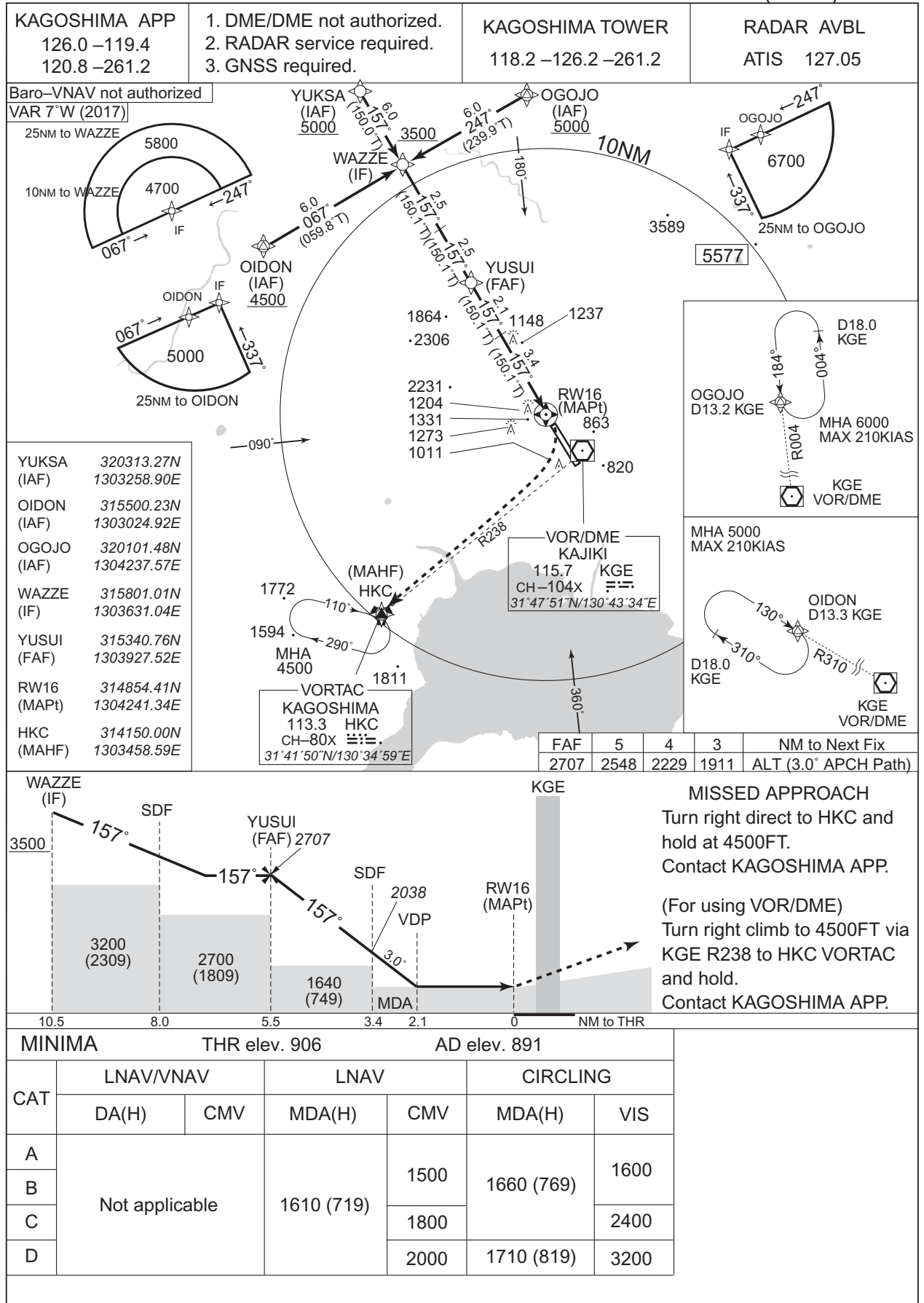


CHANGE : PROC course.

INSTRUMENT APPROACH CHART

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RNAV(GNSS) RWY16



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VISUAL APPROACH
KINKO VISUAL RWY34

| | | | |
|---|--|--|-------------|
| KAGOSHIMA APP 126.0 –119.4 120.8 –261.2 | ILS - LOC 111.7 IKG 𠄎𠄎𠄎 CH-54X 𠄎𠄎𠄎 ILS-GP 333.5 | KAGOSHIMA TOWER 118.2 –126.2 –261.2 | ATIS 127.05 |
|---|--|--|-------------|

VAR 7°W (2018)



Nav aids information depicted on the chart are for supplemental navigation guidance.

VORTAC
KAGOSHIMA
113.3 HKC 𠄎𠄎𠄎
CH-80X 𠄎𠄎𠄎
31°41'50"N/130°34'59"E

VOR/DME
KAJIKI
115.7 KGE 𠄎𠄎𠄎
CH-104X 𠄎𠄎𠄎
31°47'51"N/130°43'34"E

PAPI Angle 3.0°
MEHT 20.8m(68ft)
378m inside FM THR.

Abeam SAKURAJIMA
(ISKID)
KGE R226 / D15.5
HKC R207 / D6.5



SCALE 0 5NM 10km

When visual approaches to RWY34 are in progress, arriving aircraft may be vectored into the ISKID for KINKO VISUAL RWY34 APPROACH.
In the event of a go-around, climb via IKG LOC and RWY HDG to 3500FT until receiving ATC instructions.

<KINKO VISUAL RWY34 APPROACH>

After ISKID, aircraft proceed via seashore lines to the mouth of the Beppu River (KGE R226), proceed via seashore lines to ISLANDs(HKC R088) until intercept to RWY34 RWY center line, and proceed to RWY34(IKG LOC course).

Aircraft is recommended KGE 10.5DME(HKC R167) at or above 3500FT.

Note1: Pilot is urged to report promptly to ATC when lose sight of landmark(SAKURAJIMA, Seashore Lines and ISLANDs) and the preceding aircraft concerned.

Note2: Reference NAVAIDS(KGE, HKC and IKG LOC) must be operating.

Note3: RADAR service required.

Note4: Procedure not authorized at night.

CHANGE : KOKUBU VOR/DME(KBE) abolished.

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Visual REP



| Call sign | BRG / DIST from ARP | Remarks |
|--------------------------|---------------------|-----------------------------------|
| 栗野 Kurino | 001° / 8.8NM | JR駅 JR Station |
| 都城 Miyakonojo | 102° / 18.5NM | JR駅 JR Station |
| 加治木タウン Kajiki Town | 213° / 5.4NM | 網掛川河口 River-mouth(The Amikake) |
| 大崎鼻 Ohsakibana | 210° / 10.0NM | 崎 Point |
| 鹿児島シティ Kagoshima City | 211° / 14.7NM | 港 Harbor |
| 蒲生 Kamo | 253° / 6.8NM | 住吉池 Pond |
| 鶴田ダム Tsuruta Dam | 314° / 16.0NM | ダム Dam |
| 神宮 Jingu | 081° / 6.0NM | JR駅 JR Station |

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LDG CHART



RUNWAY LEAD - IN LIGHTING SYSTEM :

NR.1~NR.9 FLASHING WHITE

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Minimum Vectoring Altitude CHART

VAR 6°W (2008)



- ① 2800
- ② 3300
- ③ 4700

CENTER : 314812N/1304310E (RJFK ARP)

*1: 313631N/1304919E RADIUS : 3.1NM

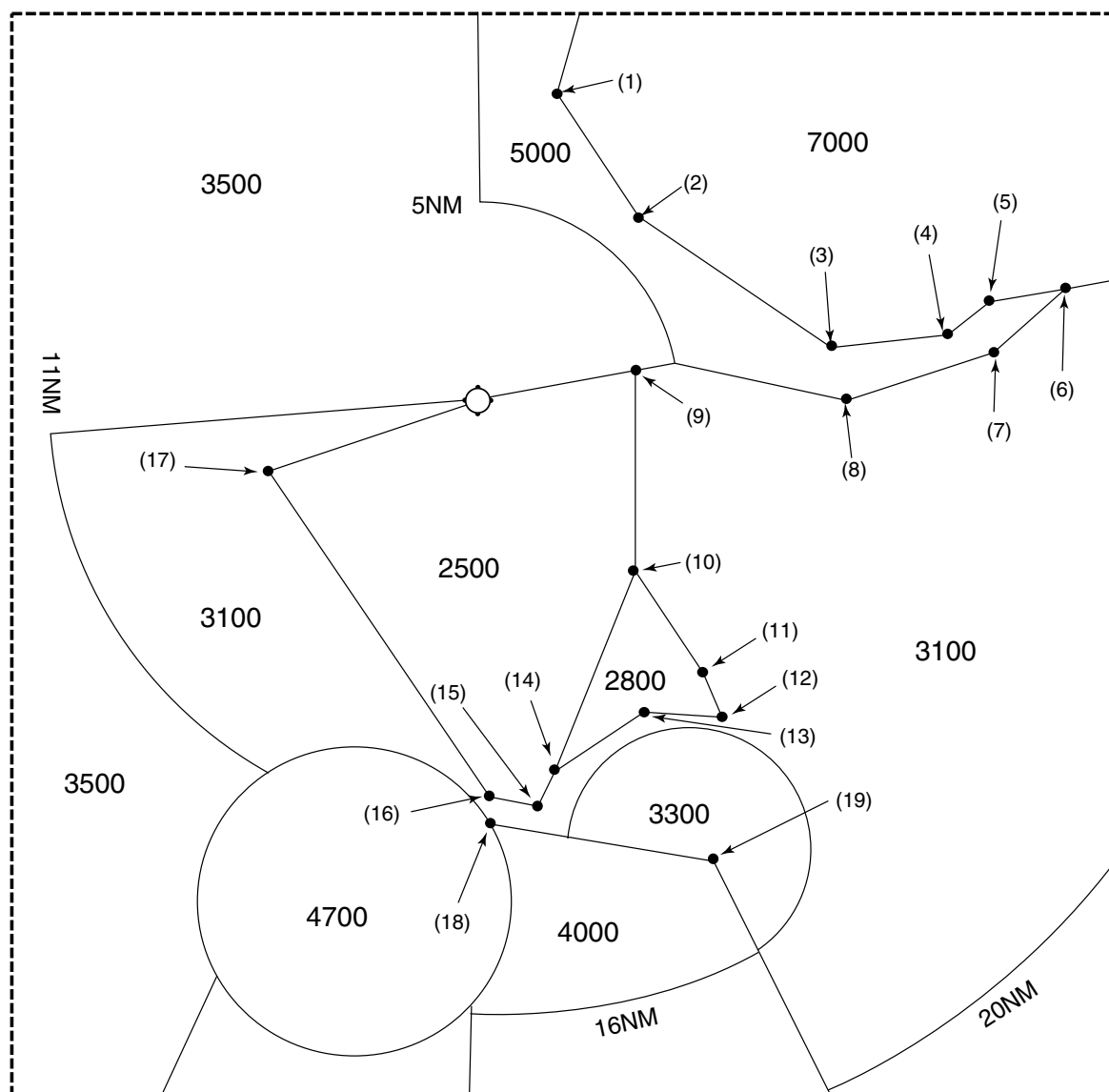
*2: 313507N/1303925E RADIUS : 4NM

CHANGE : Update

RJFK / KAGOSHIMA

Minimum Vectoring Altitude CHART

enlarged view



- | | |
|------------------------|-----------------------|
| (1) 315600N/1304528E | (11) 314059N/1304947E |
| (2) 315250N/1304805E | (12) 314004N/1305007E |
| (3) 314927N/1305345E | (13) 314005N/1304809E |
| (4) 314951N/1305709E | (14) 313829N/1304518E |
| (5) 315042N/1305825E | (15) 313733N/1304453E |
| (6) 315102N/1310029E | (16) 313747N/1304326E |
| (7) 314919N/1305824E | (17) 314616N/1303653E |
| (8) 314801N/1305359E | (18) 313707N/1304328E |
| (9) 314858N/1304746E | (19) 313608N/1305004E |
| (10) 314342N/1304742E | |