

AD 2 AERODROMES

ROTM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

ROTM - FUTENMA

ROTM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|---------------------------------------|
| 1 | ARP coordinates and site at AD | 2616N/12745E, 261614.50N/1274452.97E* |
| 2 | Direction and distance from (city) | 5nm NE of NAHA |
| 3 | Elevation/ Reference temperature | 246ft / - |
| 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 | USMC |
| 7 | Types of traffic permitted(IFR/ VFR) | Nil |
| 8 | Remarks | Nil |

ROTM AD 2.3 OPERATIONAL HOURS

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

ROTM AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|--------------------|
| 1 | Cargo-handling facilities | Nil |
| 2 | Fuel/ oil types | 115/145 JP-4 |
| 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 | Nil |

ROTM 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 |

ROTM 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 |

ROTM AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

ROTM 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 |

ROTM 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:06/24 (LGT):RTHL |
| 3 | Stop bars | Nil |
| 4 | Remarks | Nil |

ROTM AD 2.10 AERODROME OBSTACLES

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

ROTM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|---------|
| 1 | Associated MET Office | FUTENMA |
| 2 | Hours of service MET Office outside hours | Nil |
| 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 | Nil |
| 8 | Supplementary equipment available for providing information | Nil |
| 9 | ATS units provided with information | Nil |
| 10 | Additional information(limitation of service, etc.) | Nil |

ROTM 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 |
| 06 | To be issued | 2740x45 | PCN 48/F/A/W/T Asphalt Concrete | Nil | Nil |
| 24 | Later | 2740x45 | | Nil | Nil |
| Slope of RWY | | Strip Dimensions(M) | Remarks | | |
| 7 | | 10 | 12 | | |
| To be issued later | | | | | |

ROTM AD 2.13 DECLARED DISTANCES

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

ROTM 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 |
| 06 | AVBL | AVBL Nil | | | | | | |
| 24 | | AVBL Nil | | | | | | |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| Nil | | | | | | | | |

ROTM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|----------|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN:AVBL |
| 2 | LDI location and LGT Anemometer location and LGT | Nil |
| 3 | TWY edge and centerline lighting | Nil |
| 4 | Secondary power supply/ switch-over time | Nil |
| 5 | Remarks | Nil |

ROTM AD 2.16 HELICOPTER LANDING AREA

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

ROTM 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 |
| FUTENMA CTR | Area bounded by a line drawn from AJA Bridge (261429N/1274125E) to the intersection of Highways 58 and Highway 81 (261708N/1274519E) to a point on Highway 81 one and half nautical mile east of the Highway 58 and Highway 81 intersection (261717N/1274551E) to the intersection of Highway 329 and Highway 20 (261905N/1274912E) to AWASE Point (261904N/1275047E) to YONABARU (261206N/1274508E) to AJA Bridge. | ----- 2246 (exc 2246) | D | FUTENMA TOWER En | |

ROTM AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|---------------------------|--|--------------------|-------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| TWR | Futenma Tower | 340.2MHz 118.8MHz 243.0MHz(E) 121.5MHz(E) | H24 | APP ser provided by Naha APP. |
| GND | Futenma Ground Control | 360.2MHz 122.8MHz | H24 | |

ROTM 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 | NFO | 1003 MHz (CH-42X) | H24 | 261607.8N/1274434.8E | | Unusable: 031° - 229° beyond 28NM BLW 6000ft. 230° - 030° beyond 28NM BLW 3500ft. |

ROTM AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

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

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| Nil |
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3. Parking area for small aircraft(General aviation)

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| Nil |
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4. Parking area for helicopters

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

5. Apron - taxiing during winter conditions

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

6. Taxiing - limitations

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

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

8. Helicopter traffic - limitation

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|-----|
| Nil |
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9. Removal of disabled aircraft from runways

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| Nil |
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ROTM AD 2.21 NOISE ABATEMENT PROCEDURES

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| Nil |
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ROTM AD 2.22 FLIGHT PROCEDURES

WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE

RADAR INSTRUMENT APPROACH MINIMUMS



FUTENMA MCAS (ROTM)

RADMINs

FUTENMA MCAS (ROTM), Naha, Okinawa I, Japan Amdt 4 17JUN21
(21168) (USN)

ELEV 248

RADAR ①⑦ - Call OKINAWA APP CON (E) 257.5x 297.2x 317.8x 

| | <u>RWY</u> | <u>GS/TCH/RPI</u> | <u>CAT</u> | <u>DH/ MDA-VIS</u> | <u>HAT/HATh HAA</u> | <u>CEIL-VIS</u> |
|--|------------|-------------------|------------|------------------------|-------------------------|-----------------|
| PAR ③⑧ | 6 ③⑧ | 3.1°/49/747 | ABCDE | 504-1 | 259 | (300-1) |
| | 24 ③ | 3.2°/50/885 | ABCDE | 584-1 | 336 | (400-1) |
| PAR (W/O GS) ⑨ | 6 ④⑧ | | AB | 780-¾ | 535 | (600-¾) |
| | | | CDE | 780-1¼ | 535 | (600-1¼) |
| | 24 | | AB | 780-1 | 532 | (600-1) |
| | | | CDE | 780-1½ | 532 | (600-1½) |
| ASR ⑨ | 24 | | AB | 940-1¼ | 692 | (700-1¼) |
| | | | CDE | 940-2 | 692 | (700-2) |
| | 6 ⑤⑧ | | AB | 1000-1 | 755 | (800-1) |
| | | | CDE | 1000-1⅞ | 755 | (800-1⅞) |
|  CIR ⑥⑨ | All Rwy | | A | 980-1 | 732 | (800-1) |
| (PAR W/O GS) | | | B | 1000-1 | 752 | (800-1) |
| | | | C | 1000-2¼ | 752 | (800-2¼) |
| | | | D | 1000-2½ | 752 | (800-2½) |
| | | | E | 1160-3 | 912 | (1000-3) |
|  CIR ⑥⑨ | All Rwy | | AB | 1000-1¼ | 752 | (800-1¼) |
| (ASR) | | | C | 1000-2¼ | 752 | (800-2¼) |
| | | | D | 1000-2½ | 752 | (800-2½) |
| | | | E | 1160-3 | 912 | (1000-3) |

- ① Acft will be Radar vectored by OKINAWA APP CON for handoff to FUTENMA RADAR at 2000'.
 ② PAR svc degraded dur heavy rain.
 ③ CAUTION: GS exceeds 3°.
 ④ When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1½ miles.
 ⑤ When ALS inop, increase CAT AB vis to 1¼ miles, CAT CDE vis to 2 miles.
 ⑥ Circling NA NW of Rwy 6/24. CAT D remain within 2.8 NM.
 ⑦ MP 2200-0200Z Mon.
 ⑧ When VGSI inop, straight-in Rwy 06 not authorized at night.
 ⑨ TERPS

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ROTM AD 2.23 ADDITIONAL INFORMATION

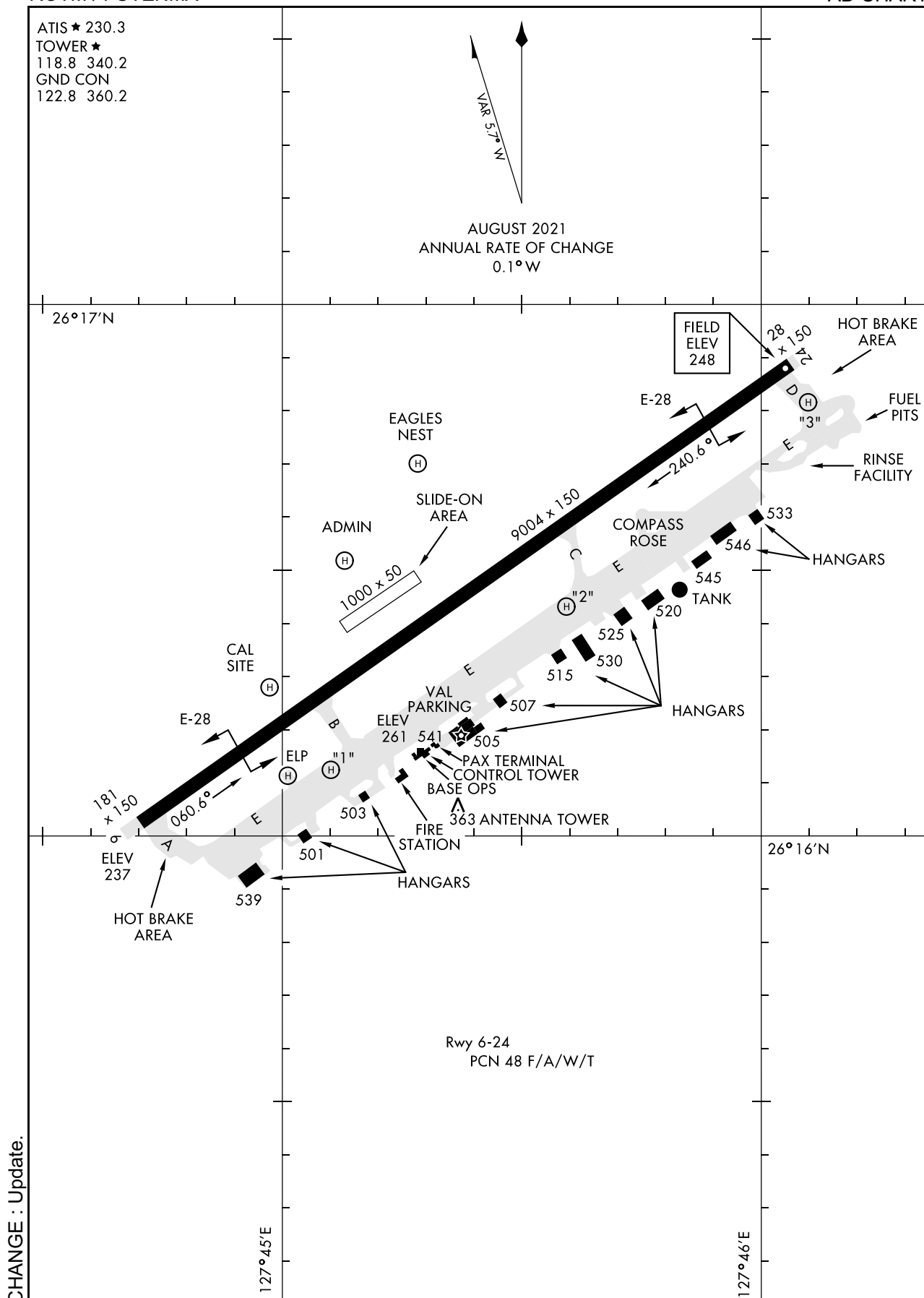
Nil

ROTM AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart

ROTM / FUTENMA

AD CHART



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