

AD 2 AERODROMES

RORT AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RORT - TARAMA

RORT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|---|
| 1 | ARP coordinates and site at AD | 243914N/1244031E 352°/1.0km from RWY 36 THR |
| 2 | Direction and distance from (city) | |
| 3 | Elevation/ Reference temperature | 33.8ft / 32° C(2004-2008) |
| 4 | Geoid undulation at AD ELEV PSN | 95ft |
| 5 | MAG VAR/ Annual change | 4°W(2009) / 3.7°W |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | OKINAWA PREF. PUBLIC AP. 2351-7, Aza-Nakasuji, Tarama-son, Miyako-gun, Okinawa Pref. TEL : 0980-79-2637 FAX : 0980-79-2211 |
| 7 | Types of traffic permitted(IFR/VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RORT AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|--|
| 1 | AD Administration | 2300 - 0900 |
| 2 | Customs and immigration | On request Customs: 0980-72-2310 Immigration: 0980-72-3440 |
| 3 | Health and sanitation | Quarantine(human): On request(0980-73-5115) Quarantine(animal, plant): Nil |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24 (NAHA) |
| 7 | ATS | ATS: 2300 - 0900 REMARKS: Airport Remote Mobile Communication Service provided by NAHA FSC |
| 8 | Fuelling | Nil |
| 9 | Handling | Ask AD Administration |
| 10 | Security | Ask AD Administration |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RORT AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|-----|
| 1 | Cargo-handling facilities | Nil |
| 2 | Fuel/ oil types | Nil |
| 3 | Fuelling facilities/ capacity | Nil |
| 4 | De-icing facilities | Nil |
| 5 | Hangar space for visiting aircraft | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | Nil |

RORT AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|--|
| 1 | Hotels | Hotels in Tarama village |
| 2 | Restaurants | In Tarama village |
| 3 | Transportation | Nil |
| 4 | Medical facilities | Clinic 5km from airport |
| 5 | Bank and Post Office | Bank in Tarama village / Post Office in Tarama village |
| 6 | Tourist Office | Nil |
| 7 | Remarks | Nil |

RORT 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 | Incapable |
| 4 | Remarks | Nil |

RORT AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

RORT AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|--|
| 1 | Apron surface and strength | Surface : Asphalt-concrete Strength : PCN 16/F/B/Y/T |
| 2 | Taxiway width, surface and strength | Width : 18m Surface : Asphalt-concrete Strength : PCN 16/F/B/Y/T |
| 3 | ACL and elevation | Not Available |
| 4 | VOR checkpoints | Not Available |
| 5 | INS checkpoints | (Spot NR) 1 : 243913.23N 1244036.86E 2 : 243914.85N 1244036.64E |
| 6 | Remarks | Nil |

RORT 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:RWY18/36 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe TWY: (Marking) TWY CL, TWY side stripe |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking) Overrun area |

RORT AD 2.10 AERODROME OBSTACLES

- In Area2 Nil
- In Area3 To be developed

RORT AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|--|
| 1 | Associated MET Office | NAHA |
| 2 | Hours of service MET Office outside hours | H24 (NAHA) |
| 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 NAHA |
| 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 /T _r , 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 |

RORT 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 |
| 18 | 172.78° | 1500x45 | PCN 16/F/B/Y/T Asphalt concrete | 243937.89N 1244028.34E 95ft | THR ELEV:34ft |
| 36 | 352.78° | 1500x45 | PCN 16/F/B/Y/T Asphalt concrete | 243849.53N 1244035.04E 95ft | THR ELEV:36ft |
| Slope of RWY | | Strip Dimensions(M) | RESA(Overrun) Dimensions(M) | Remarks | |
| 7 | | 10 | 11 | 14 | |
| See AD2.24 AD chart | | 1620x150 1620x150 | 42x155 42x155 | RWY Grooving : 1500mx30m | |

RORT AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 18 | 1500 | 1500 | 1500 | 1500 | Nil |
| 36 | 1500 | 1500 | 1500 | 1500 | Nil |

RORT 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 |
| 18 | Nil | Nil | PAPI 3.0°/LEFT 293M 45FT | Nil | Nil | Nil | Nil | Nil |
| 36 | Nil | Nil | PAPI 3.0°/LEFT 307.4M 45FT | Nil | Nil | Nil | Nil | Nil |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| RWY THR ID LGT for RWY 18/36 THR (Color:White) | | | | | | | | |

RORT AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | Nil |
| 2 | LDI location and LGT Anemometer location and LGT | LDI: Nil Anemometer: RWY18 : 189m FM RWY18 THR, LGTD RWY36 : 202m FM RWY36 THR, LGTD |
| 3 | TWY edge and center line lighting | Nil |
| 4 | Secondary power supply/ switch-over time | Within 15 sec : PAPI, RWY THR ID LGT |
| 5 | Remarks | Nil |

RORT AD 2.16 HELICOPTER LANDING AREA

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

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

RORT AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|---------------|-----------|--------------------|-----------------------------|
| 1 | 2 | 3 | 4 | 5 |
| A/G | Tarama Remote | 118.6MHz | 2300 - 0900 | RAG controlled by Naha FSC. |

RORT 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 (4°W/2015) | RME | 110.65MHz | 2300 - 0900 | 243902.36N/ 1244025.76E | | |
| DME | RME | 1130MHz (CH-43Y) | 2300 - 0900 | 243902.36N/ 1244025.76E | 59ft | |
| MSAS | | 1575.42MHz | H24 | | | Transmitting antennas are satellite based |

RORT AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

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|-----|
| 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

RORT AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RORT 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 | 18 | A,B,C | - | - | - | 200'-1600m | - | 200'-1600m |
| | 36 | A,B,C | - | - | - | 200'-1600m | - | 200'-1600m |
| OTHER | 18 | A,B,C | AVBL LDG MINIMA | | | | | |
| | 36 | | | | | | | |

RORT AD 2.23 ADDITIONAL INFORMATION

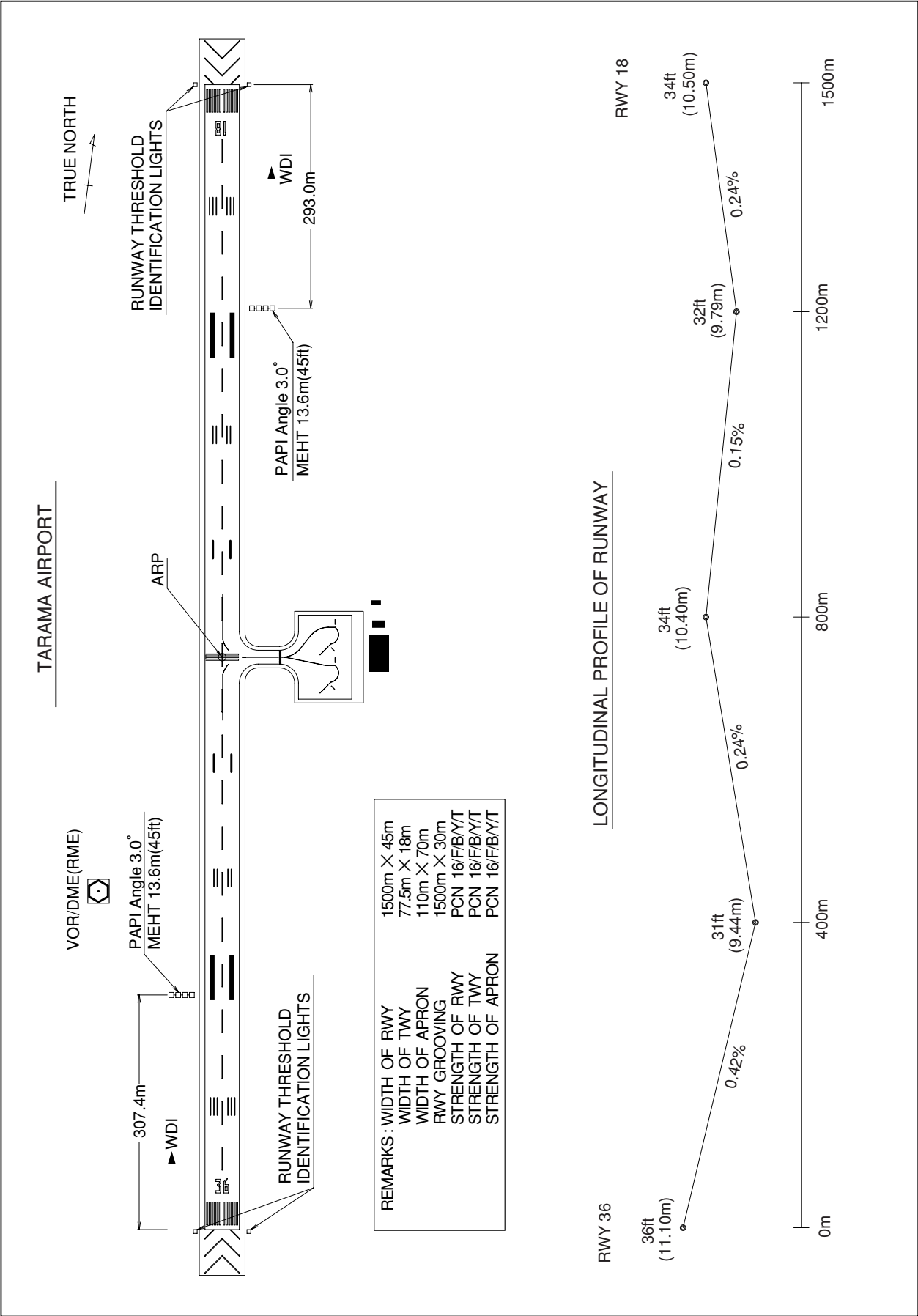
Nil

RORT AD 2.24 CHARTS RELATED TO AN AERODROME

Figure-01 Aerodrome/Heliport Chart
Figure-07 Standard Departure Chart - Instrument (GAHRA-RNAV)
Figure-07 Standard Departure Chart - Instrument (SHUJI)
Figure-10 Instrument Approach Chart (VOR A)
Figure-10 Instrument Approach Chart (RNAV (GNSS) RWY18)
Figure-10 Instrument Approach Chart (RNAV (GNSS) RWY36)
Figure-13 Other Chart (Visual REP)
Figure-13 Other Chart (LDG CHART)
Figure-13 Other Chart (MVA CHART)

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RORT / TARAMA AD CHART



STANDARD DEPARTURE CHART -INSTRUMENT

RORT / TARAMA

RNAV SID

GAHRA TWO DEPARTURE

Basic RNP1

Note GNSS required.

VAR 4°W (2015)

GAHRA TWO DEPARTUREGAHRA TWO DEPARTURE

RWY18 : Climb on HDG177° at or above 500FT, turn right direct to GAHRA at or above 3000FT.

RWY36 : Climb on HDG357° at or above 500FT, turn left direct to GAHRA at or above 3000FT.

STANDARD DEPARTURE CHART -INSTRUMENT

RORT / TARAMA

RNAV SID

GAHRA TWO DEPARTURE**RWY18**

| 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 | — | — | 177 (172.8) | ■ -4.5 | — | — | +500 | — | — | Basic RNP1 |
| 002 | DF | GAHRA | — | — | ■ -4.5 | — | L | +3000 | — | — | Basic RNP1 |

RWY36

| 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 | — | — | 357 (352.8) | ■ -4.5 | — | — | +500 | — | — | Basic RNP1 |
| 002 | DF | GAHRA | — | — | ■ -4.5 | — | R | +3000 | — | — | Basic RNP1 |

STANDARD DEPARTURE CHART -INSTRUMENT

RORT / TARAMA

SID

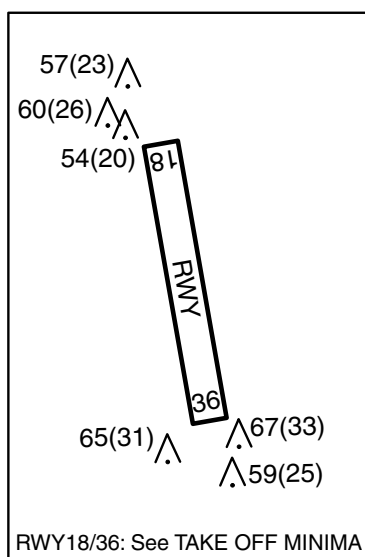
SHUJI FOUR DEPARTURE

RWY18 : Climb RWY HDG to 500FT, turn left HDG041°...

RWY36 : Climb RWY HDG to 500FT, turn right HDG131°...

... to intercept and proceed via RME R086 to SHUJI.

Cross SHUJI at or above 3000FT.



RORT / TARAMA

VOR A

VAR 4°W (2015)

- EQPT REQUIRED
DME



Turn left HDG059° to intercept and proceed via RME R104 to UMAKI and hold at 2000FT.
Contact SAKISHIMA APP.



| | | |
|--------|-----------|-------------|
| MINIMA | | AD elev. 34 |
| CAT | CIRCLING | |
| | MDA(H) | VIS |
| A | 680 (646) | 1600 |
| B | | |
| C | | 2400 |
| D | — | — |

INSTRUMENT APPROACH CHART

RORT / TARAMA

RNAV(GNSS) RWY18



INSTRUMENT APPROACH CHART

RORT / TARAMA

RNAV(GNSS) RWY36



RORT / TARAMA

Visual REP



| Call sign | BRG / DIST from ARP | Remarks |
|--------------------|---------------------|--------------------|
| ハナレ崎 HANAREZAKI | 021° / 5.7NM | 岬 Cape |
| 10NM E | 090° / 10.0NM | 海上 Over the sea |
| 10NM SW | 225° / 10.0NM | 海上 Over the sea |

LDG CHART



RORT / TARAMA

Minimum Vectoring Altitude CHART

VAR 4°W (2013)



CENTER : 244938N/1250827E (RORS RADAR SITE)
 CENTER : 242310N/1241441E (ROIG RADAR SITE)

*1 : 244015N/1244143E RADIUS : 3NM
 *2 : 242248N/1240952E RADIUS : 3NM
 *3 : 242538N/1241100E RADIUS : 5NM