

AD 2 AERODROMES

ROKJ AD 2.1 AERODROME LOCATION INDICATOR AND NAME

ROKJ - KUMEJIMA

ROKJ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|---|
| 1 | ARP coordinates and site at AD | 262149N/1264250E 021°/1.0km from RWY 03 THR |
| 2 | Direction and distance from (city) | |
| 3 | Elevation/ Reference temperature | 22.7ft / 33°C (2004-2008) |
| 4 | Geoid undulation at AD ELEV PSN | 103ft |
| 5 | MAG VAR/ Annual change | 5° W(2009) / 3.3°W |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | OKINAWA PREF. PUBLIC AP. Kumejima Airport Administration Office 566-2,aza-kitahara,kumejima-cho,shimajiri-gun,Okinawa pref. Tel:098-985-2939 Fax:098-985-2945 |
| 7 | Types of traffic permitted(IFR/VFR) | IFR/VFR |
| 8 | Remarks | Nil |

ROKJ AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|---|
| 1 | AD Administration | 2300 - 1030 |
| 2 | Customs and immigration | On request Customs: 098-862-8529 Immigration: 098-832-4185 |
| 3 | Health and sanitation | Quarantine(human): On request(098-868-1674) Quarantine(animal, plant): Nil |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | H24(NAHA) |
| 7 | ATS | 2300 - 1030 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 |

ROKJ AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|--------------------------------------|
| 1 | Cargo-handling facilities | Conveyer belt, Lift for loading, etc |
| 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 |

ROKJ AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|--|
| 1 | Hotels | Hotels in Kumejima town |
| 2 | Restaurants | At Airport In Kumejima town |
| 3 | Transportation | Buses and Taxi |
| 4 | Medical facilities | Hospital 6.5km from Airport |
| 5 | Bank and Post Office | Bank in Kumejima town / Post Office in Kumejima town |
| 6 | Tourist Office | In Kumejima town |
| 7 | Remarks | Nil |

ROKJ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|---|
| 1 | AD category for fire fighting | CAT 7 |
| 2 | Rescue equipment | Chemical fire fighting truck x 2 Emergency medical equipments conveyance truck |
| 3 | Capability for removal of disabled aircraft | Incapable |
| 4 | Remarks | Nil |

ROKJ AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

ROKJ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|-------------------------------------|--|
| 1 | Apron surface and strength | Surface : Cement-concrete Strength : PCN 55/R/B/X/T |
| 2 | Taxiway width, surface and strength | Width : 30m Surface : Asphalt-concrete Strength : PCN 63/F/C/X/T |
| 3 | ACL and elevation | Not available |
| 4 | VOR checkpoints | Not available |
| 5 | INS checkpoints | Spot NR 1 262151.24N 1264300.15E 2 262153.06N 1264300.93E 3 262154.88N 1264301.71E 3' 262155.07N 1264301.18E |
| 6 | Remarks | Nil |

ROKJ 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:RWY03/21 (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point , TDZ, RWY side stripe (LGT) RCLL, REDL, RTHL, RENL, Turning point indicator LGT, TWY: (Marking) TWY CL, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT |
| 3 | Stop bars | Nil |
| 4 | Remarks | (Marking) Overrun area (LGT) Apron flood LGT |

ROKJ AD 2.10 AERODROME OBSTACLES

In Area2 See Obstacle data

In Area3 To be developed

ROKJ 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 |

ROKJ 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 |
| 03 | 021.17° | 2000x45 | PCN 63/F/C/X/T Asphalt Concrete | 262118.32N 1264236.67E 103ft | THR ELEV:21.7ft |
| 21 | 201.17° | 2000x45 | PCN 63/F/C/X/T Asphalt Concrete | 262218.92N 1264302.73E 104ft | THR ELEV:18.7ft |
| Slope of RWY | Strip Dimensions(M) | RESA (Overrun) Dimensions (M) | Remarks | | |
| 7 | 10 | 11 | 14 | | |
| See AD2.24 AD chart | 2120x150 | 194 x (MNM:84 MAX:186)* | Hills E and NE RWY GROOVING : 2000mx30m | | |
| | 2120x150 | 44 x (MNM:133 MAX:157)* *For detail, ask airport administrator | | | |

ROKJ AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 03 | 2000 | 2000 | 2000 | 2000 | Nil |
| 21 | 2000 | 2000 | 2000 | 2000 | Nil |

ROKJ 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 |
| 03 | Nil | Green - | PAPI 3.0°/LEFT 403.8m 61ft | Nil | 2000m 30m Coded color (White/Red) LIH | 2000m 60m Coded color (White/Yellow) LIH | Red | Nil (*1) |
| 21 | Nil | Green - | PAPI 3.0°/LEFT 380m 61ft | Nil | 2000m 30m Coded color (White/Red) LIH | 2000m 60m Coded color (White/Yellow) LIH | Red | Nil (*1) |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| Overrun area edge LGT(LEN:60m Color:Red) (*1) RWY THR ID LGT for RWY 03/21 THR (Color:White) | | | | | | | | |

ROKJ AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 262150N/1264307E, White/Green EV4.3sec, HO |
| 2 | LDI location and LGT Anemometer location and LGT | LDI: Nil Anemometer: RWY03 : 264m inside FM RWY03 THR, LGTD RWY21 : 286m inside FM RWY21 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 15 sec: PAPI, RWY THR ID LGT, etc |
| 5 | Remarks | WDI LGT |

ROKJ AD 2.16 HELICOPTER LANDING AREA

| |
|-----|
| Nil |
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ROKJ 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 |
| Kumejima Information Zone | Area within a radius of 5nm of Kumejima ARP (2622N/12643E), in the west side of a line connecting 262714N1264754E and 261214N1264754E. | ----- 3000 | E | Kumejima Remote En | |

ROKJ AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|-----------------|-----------|--------------------|--|
| 1 | 2 | 3 | 4 | 5 |
| A/G | Kumejima Remote | 122.7MHz | 2300 - 1030 | Remote air-ground facility controlled by Naha FSC. APP service provided by Naha APP. |

ROKJ 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 (5°W/2008) | KXC | 116.7MHz | H24 | 262218.73N/ 1264319.43E | | VOR Unusable: 080°-100° beyond 25nm BLW 4,000ft. 100°-120° beyond 30nm BLW 4,000ft. 130°-150° beyond 30nm BLW 4,000ft. |
| TACAN | KXC | 1201MHz (CH-114X) | H24 | 262218.01N/ 1264317.89E | 54ft | TACAN DME Unusable: 080°-090° beyond 25nm BLW 4,000ft. 090°-110° beyond 25nm BLW 4,000ft. 110°-120° beyond 25nm BLW 4,000ft. 120°-130° beyond 30nm BLW 4,000ft. 130°-150° beyond 25nm BLW 4,000ft. 160°-170° beyond 20nm BLW 2,000ft. 170°-180° beyond 25nm BLW 2,000ft. 180°-210° beyond 30nm BLW 2,000ft. TACAN AZM Unusable: 070°-080° beyond 20nm BLW 4,000ft. 080°-160° beyond 25nm BLW 4,000ft. 160°-180° beyond 20nm BLW 2,000ft. 180°-200° beyond 10nm BLW 2,000ft. 200°-220° beyond 15nm BLW 2,000ft. 220°-230° beyond 20nm BLW 2,000ft. 230°-240° beyond 30nm BLW 3,000ft. |
| LOC | IKX | 110.95MHz | 2300 - 1030 | 262226.05N/ 1264305.80E | | 235m(771ft) away FM RWY 21 THR, BRG 025°(MAG). |
| LOC-DME | IKX | 1133MHz (CH-46Y) | 2300 -1030 | 262225.79N/ 1264308.03E | 31ft | 251m(824ft) away FM RWY 21 THR, 61m(200ft) E of RCL. |



REMARKS : 1. LOC beam BRG(MAG) 025°
2. ELEV of LOC-DME 9.4m(31ft)

ROKJ 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 |
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5. Apron - taxiing during winter conditions

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| Nil |
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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 |
|-----|

9. Removal of disabled aircraft from runways

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| Nil |
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ROKJ AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

ROKJ 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 | 03 | - | 300'-800m | - | 300'-1000m | - | 300'-1200m |
| | 21 | | | | | | |
| OTHER | 03 | AVBL LDG MINIMA | | | | | |
| | 21 | | | | | | |

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

2. Lost Communication procedures for arrival aircraft under radar navigational guidance

If radio communications with Naha Approach are lost for 1 minute, squawk Mode A/3 Code 7600 and :

- (1) Contact Kumejima Remote.
- (2) If unable, proceed in accordance with Visual Flight Rules.
- (3) If unable, proceed to DORIS at the last assigned altitude or 3,000FT whichever is higher and execute instrument approach.

Note : Procedures other than above will be issued when required.

ROKJ AD 2.23 ADDITIONAL INFORMATION

Nil

ROKJ AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart - Instrument
Standard Arrival Chart - Instrument
Instrument Approach Chart (VOR RWY 03)
Instrument Approach Chart (LOC RWY 03)
Other Chart (Visual REP)
Other Chart (MVA Chart)

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

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ROKJ / KUMEJIMA

AD CHART



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STANDARD DEPARTURE CHART -INSTRUMENT

ROKJ / KUMEJIMA

SID and TRANSITION

DUFFY TWO DEPARTURE

RWY03 : Turn left....
RWY21 : Turn right....
....Climb via KXC R224 to DUFFY.
Cross DUFFY at or above 5000FT.

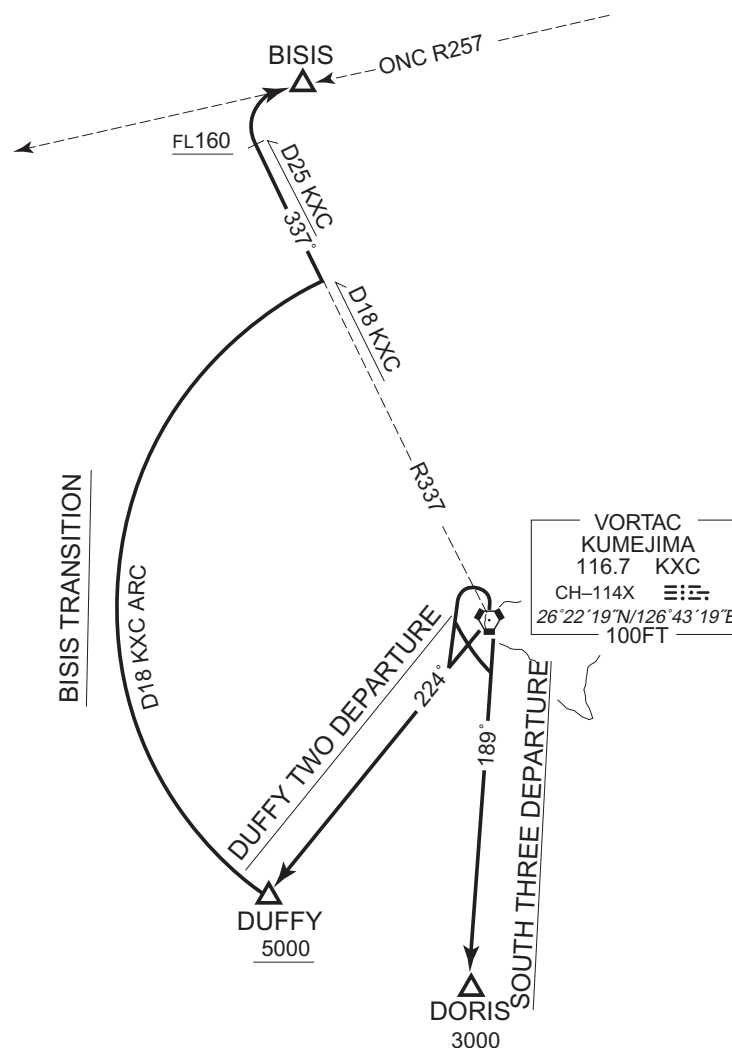
BISIS TRANSITION

After DUFFY, turn right KXC 18DME clockwise arc to intercept and proceed via KXC R337 to 25DME, then turn right to intercept via ONC R257 to BISIS.
Cross KXC R337/25DME at or above FL160.

SOUTH THREE DEPARTURE

RWY03 : Turn left....
RWY21 : Turn left....
....Climb via KXC R189 to DORIS.
Cross DORIS at or above 3000FT.

CHANGE : Correction of misdescription (BISIS)



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STANDARD ARRIVAL CHART-INSTRUMENT

ROKJ / KUMEJIMA

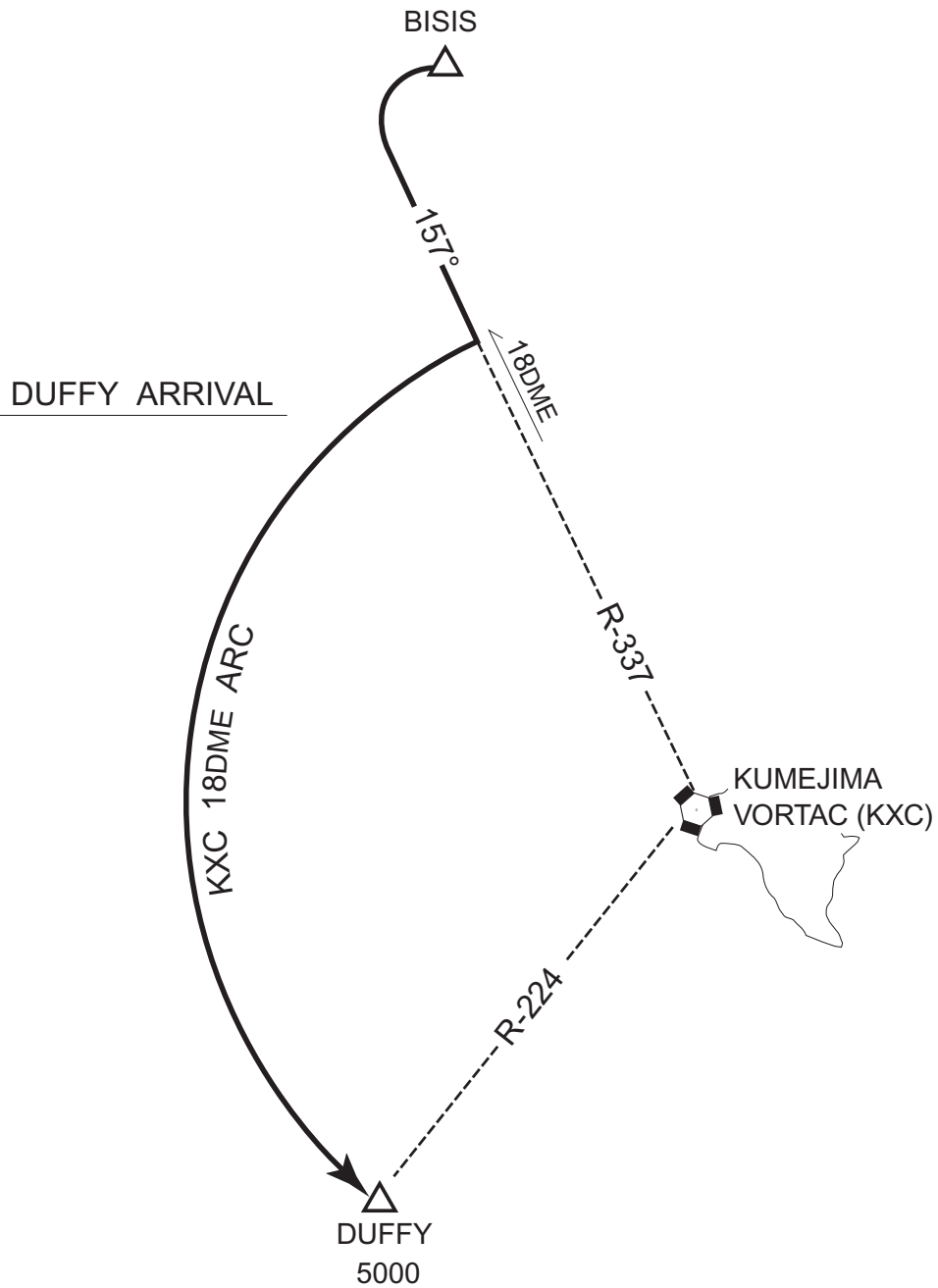
STAR

DUFFY ARRIVAL

From over BISIS, turn left to intercept and proceed via KXC R-337 to 18DME, then turn right KXC 18DME counterclockwise arc to DUFFY.

Cross DUFFY at or above 5,000ft.

CHANGE : Correction of misdescription (BISIS)

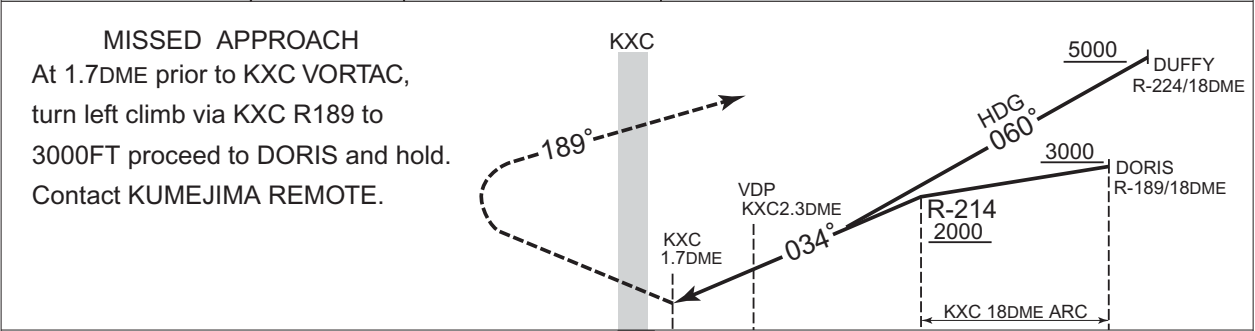
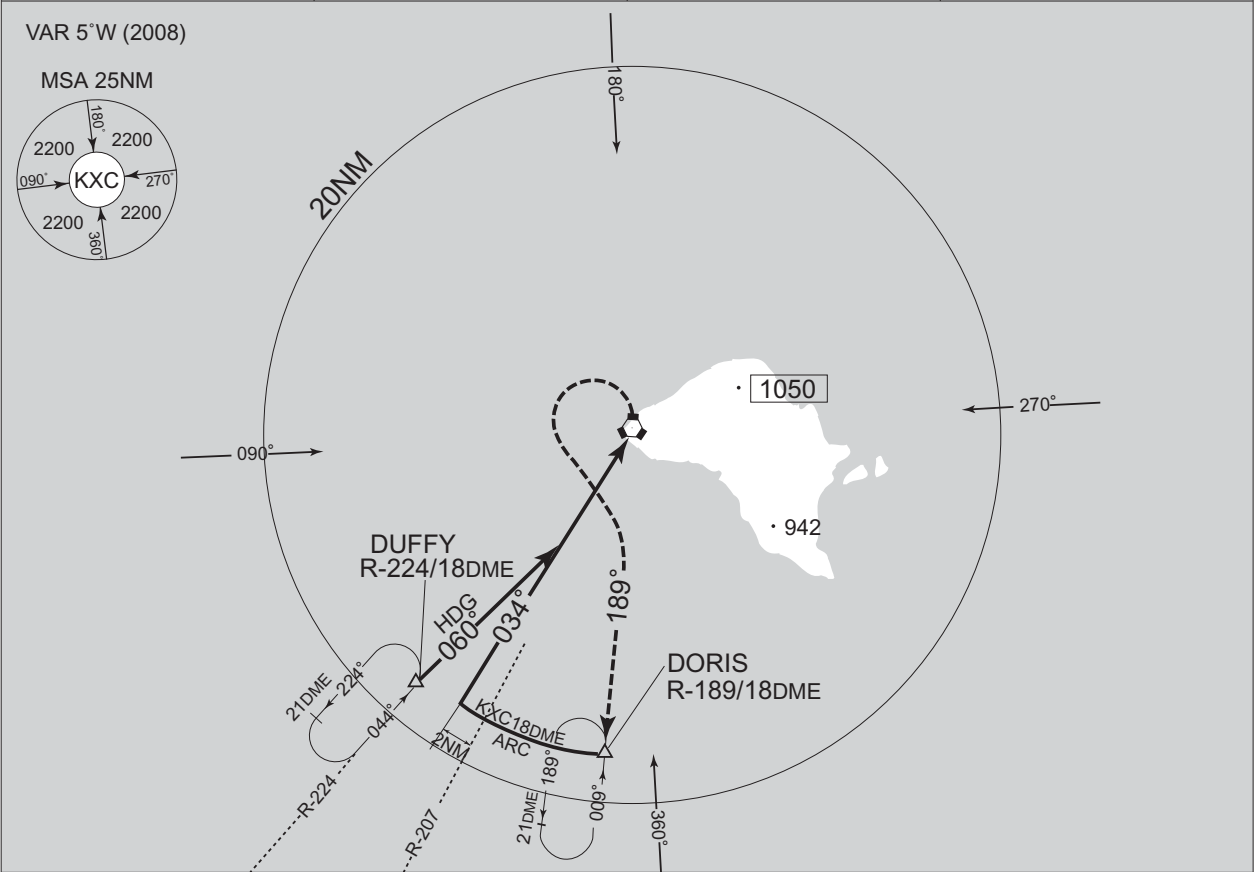


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INSTRUMENT APPROACH CHART

ROKJ / KUMEJIMA VOR RWY 03

| | | | |
|---------------------------|---|--------------------------|------------|
| NAHA APP 119.1 - 335.8 | KUMEJIMA VORTAC 116.7 KXC CH-114X 26°22'19"N/126°43'19"E | KUMEJIMA REMOTE 122.7 | RADAR AVBL |
|---------------------------|---|--------------------------|------------|



| MINIMA | | THR elev. 22 | AD elev. 23 | |
|--------|-----------|--------------|-------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 420 (397) | 1500 | 420 (397) | 1600 |
| B | | | 480 (457) | |
| C | | 1800 | | 2400 |
| D | | 2000 | 580 (557) | 3200 |

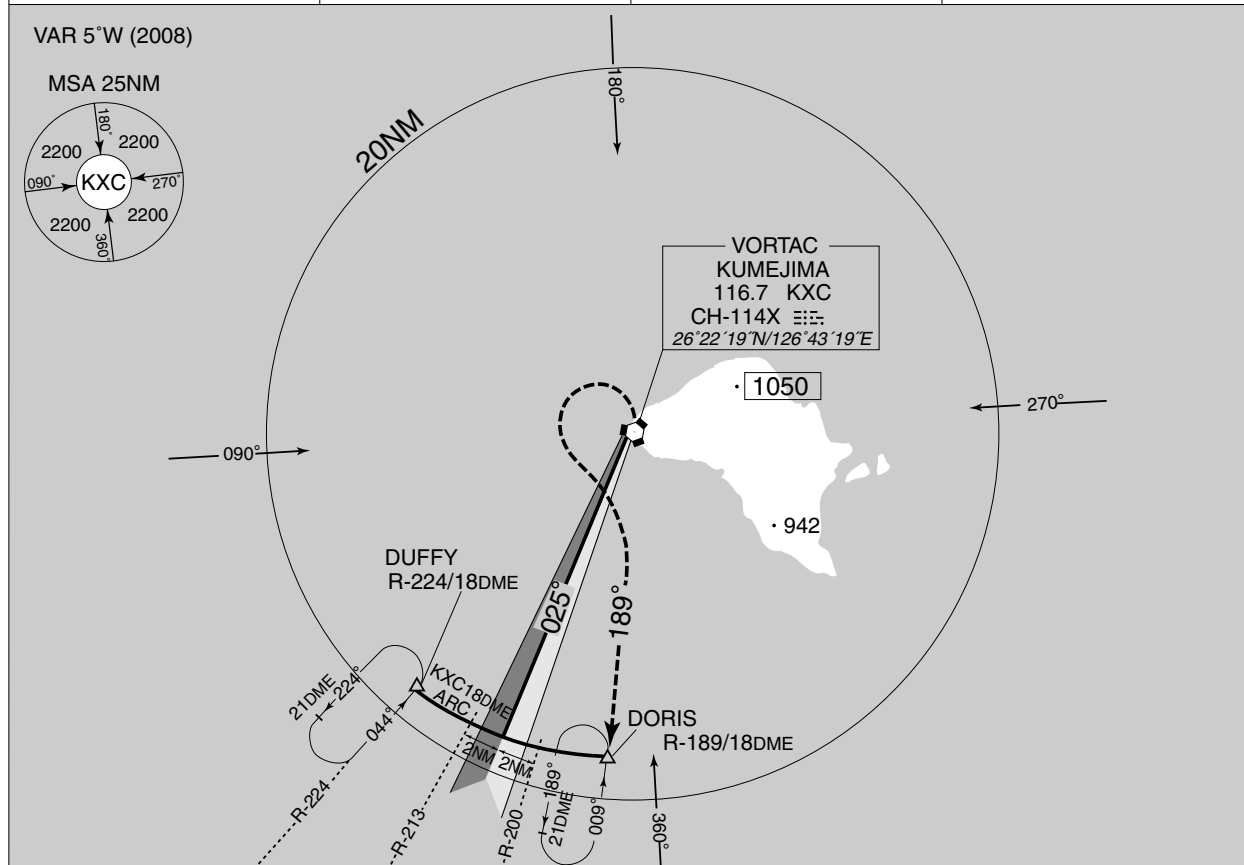
Circling to WEST side of RWY only

INSTRUMENT APPROACH CHART

ROKJ / KUMEJIMA

LOC RWY 03

| | | | |
|---------------------------|---|--------------------------|------------|
| NAHA APP 119.1 - 335.8 | LOC 110.95 IKX 335.8 LOC-DME CH-46Y | KUMEJIMA REMOTE 122.7 | RADAR AVBL |
|---------------------------|---|--------------------------|------------|



MISSED APPROACH

At IKX 1.5DME turn left climb
via KXC R189 to 3000FT,
proceed to DORIS and hold.
Contact KUMEJIMA REMOTE.



| MINIMA | | THR elev. 22 | AD elev. 23 | |
|--------|-----------|--------------|-------------|------|
| CAT | | | CIRCLING | |
| | MDA(H) | CMV | MDA(H) | VIS |
| A | 360 (337) | 1500 | 380 (357) | 1600 |
| B | | | 480 (457) | |
| C | | 1800 | | 2400 |
| D | | 2000 | 580 (557) | 3200 |

Circling to WEST side of RWY only.

ROKJ / KUMEJIMA

Visual REP



| Call sign | BRG / DIST from ARP | Remarks |
|------------|---------------------|--------------------|
| 10NM SOUTH | 180°/10NM | 海上 Over the sea |

ROKJ / KUMEJIMA

Minimum Vectoring Altitude CHART

