

AD 2 AERODROMES

RJOE AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJOE - AKENO

RJOE AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|------------------|
| 1 | ARP coordinates and site at AD | 343202N/1364018E |
| 2 | Direction and distance from (city) | 3.2nm NW ISE |
| 3 | Elevation/ Reference temperature | 20ft / - |
| 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 | JSDF-G |
| 7 | Types of traffic permitted(IFR/ VFR) | IFR/VFR |
| 8 | Remarks | Nil |

RJOE AD 2.3 OPERATIONAL HOURS

| | | |
|----|---------------------------|---|
| 1 | AD Administration | 2330-0800 MON-FRI,EXC HOL and 29 DEC - 3 JAN Other time 1HR PN |
| 2 | Customs and immigration | Nil |
| 3 | Health and sanitation | Nil |
| 4 | AIS Briefing Office | 2330-0800 MON-FRI,EXC HOL and 29 DEC - 3 JAN Other time 1HR PN |
| 5 | ATS Reporting Office(ARO) | Nil |
| 6 | MET Briefing Office | 2200-0800 MON-FRI,EXC HOL and 29 DEC - 3 JAN |
| 7 | ATS | 2330-0800 MON-FRI,EXC HOL and 29 DEC - 3 JAN Other time 1HR PN |
| 8 | Fuelling | Nil |
| 9 | Handling | Nil |
| 10 | Security | Nil |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

RJOE AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|--------------------|
| 1 | Cargo-handling facilities | Nil |
| 2 | Fuel/ oil types | JET A-1 |
| 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 |

RJOE 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 |

RJOE 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 |

RJOE AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

RJOE 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 |

RJOE 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: RWY13/31 (LGT) RTHL, REDL RWY: RWY 04/22 Nil TWY: (LGT) TWY edge LGT |
| 3 | Stop bars | Nil |
| 4 | Remarks | Nil |

RJOE AD 2.10 AERODROME OBSTACLES

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

RJOE AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|---|
| 1 | Associated MET Office | AKENO |
| 2 | Hours of service MET Office outside hours | 2200 - 0800 MON-FRI, EXC HOL and 29 DEC - 3 JAN Other time on request |
| 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 | Ja, En |
| 7 | Charts and other information available for briefing or consultation | S, U |
| 8 | Supplementary equipment available for providing information | Nil |
| 9 | ATS units provided with information | Nil |
| 10 | Additional information(limitation of service, etc.) | Nil |

RJOE 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 |
| 13 | To be | 500×30 | SW5000kg (11000lbs) | Nil | Nil |
| 31 | issued | 500×30 | Asphalt | Nil | Nil |
| | later | | | | |
| 04 | | 500×30 | Roll | Nil | Nil |
| 22 | | 500×30 | | Nil | Nil |
| Slope of RWY | | Strip Dimensions(M) | Remarks | | |
| 7 | | 10 | 12 | | |
| to be developed | | 700 × 300 | | | |
| | | 700 × 300 | | | |
| | | 620 × 75 | | | |
| | | 620 × 75 | | | |

RJOE AD 2.13 DECLARED DISTANCES

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

RJOE 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 |
| 13 | | | | | | | | |
| 31 | | | | | | | | |
| 04 | | | | | | | | |
| 22 | | | | | | | | |
| Remarks | | | | | | | | |
| 10 | | | | | | | | |
| | | | | | | | | |

RJOE AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 343156N/1363957E, White/Green EV10sec, HO |
| 2 | LDI location and LGT Anemometer location and LGT | Nil |
| 3 | TWY edge and center line lighting | TWY edge LGT : AVBL |
| 4 | Secondary power supply/ switch-over time | Nil |
| 5 | Remarks | WDI LGT |

RJOE AD 2.16 HELICOPTER LANDING AREA

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

RJOE 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 |
| AKENO CTR | Area within a radius of 5nm of AKENO ARP (34°32'N/136°40'E) | 2500 or below | D | AKENO Tower | |
| AKENO ACA | SEE RJOE attached chart | | | | |

明野進入管制区
Akeno Approach Control Area



RJOE AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|---------------------------------|---|--|--|
| 1 | 2 | 3 | 4 | 5 |
| APP | Akeno Approach Control or Radar | 140.5MHz(1) 362.3MHz(1) 120.1MHz(1) 139.45MHz(2) 141.95MHz(2) 121.5MHz(E) 243.0MHz(E) | 2330-0800(3) MON-FRI Other time 1HR PN | (1)Primary (2)Secondary (3)EXC HOL and 12/29 - 1/3 |
| TWR | Akeno Tower | 236.8MHz 126.2MHz 139.8MHz 138.05MHz 140.3MHz 121.5MHz(E) 243.0MHz(E) | 2330-0800(3) MON-FRI Other time 1HR PN | |
| GCA-ASR -PAR | Akeno GCA | 335.6MHz 270.8MHz 134.1MHz 141.7MHz 138.3MHz 122.0MHz 243.0MHz(E) 121.5MHz(E) | 2330-0800(3) MON-FRI Other time 1HR PN | GP 3.0°. ASR for RWY 31 JSDF-G HEL only. ASR,PAR RWY13 |

RJOE 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 | AKT | 1144MHz (CH-57Y) | 2330 - 0800(1) MON-FRI Other time 1HR PN | 343142.7N/1364030.6E | | TACAN Unusable: R100-110 beyond 37NM BLW 3000ft. R110-120 beyond 35NM BLW 3000ft. R120-130 beyond 22NM BLW 4000ft. R130-140 beyond 17NM BLW 4000ft. R140-150 beyond 20NM BLW 4000ft. R150-160 beyond 22NM BLW 4000ft. R160-170 beyond 17NM BLW 4000ft. R170-180 beyond 13NM BLW 4000ft. R180-190 beyond 17NM BLW 4000ft. R190-200 beyond 23NM BLW 5000ft. R200-210 beyond 25NM BLW 5000ft. R210-220 beyond 28NM BLW 6000ft. R220-230 beyond 35NM BLW 8000ft. R270-290 beyond 35NM BLW 7000ft. R300-320 beyond 37NM BLW 5000ft. |

RJOE 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

RJOE AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJOE AD 2.22 FLIGHT PROCEDURES

1. TAKE OFF MINIMA

| | RWY | ACFT CAT | REDL & RCLL | | REDL or RCLL or RCL Marking | | NIL (DAY TIME ONLY) | |
|--|-----|-------------|-----------------|-----|--------------------------------|------|------------------------|------|
| | | | RVR | VIS | RVR | VIS | RVR | VIS |
| Multi-Engine ACFT with TKOF ALTN AP FILED | 13 | H | - | - | - | 400m | - | 500m |
| | 31 | | - | - | - | 400m | - | 500m |
| OTHER | 13 | H | AVBL LDG MINIMA | | | | | |
| | 31 | | | | | | | |

2. WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE

| ASR RWY 13 | | | | | ASR RWY 31 | | | | |
|------------|----------|-------------|----------|-------------|------------|----------|-------------|----------|-------------|
| MINIMA | | THR ELEV:17 | | AD ELEV: 20 | MINIMA | | THR ELEV:15 | | AD ELEV: 20 |
| CAT | | | CIRCLING | | CAT | | | CIRCLING | |
| | MDA(H) | CMV | MDA(H) | VIS | | MDA(H) | CMV | MDA(H) | VIS |
| A | 500(480) | 1500 | 600(580) | 1600 | A | 500(480) | 1500 | 600(580) | 1600 |
| B | | | | | B | | | | |
| C | - | - | - | - | C | - | - | - | - |
| D | | | | | D | | | | |

| PAR RWY 13 | | | | |
|------------|----------|-------------|----------|-------------|
| MINIMA | | THR ELEV:17 | | AD ELEV: 20 |
| CAT | | | CIRCLING | |
| | DA(H) | CMV | MDA(H) | VIS |
| A | 270(253) | 1200 | 600(580) | 1600 |
| B | | | | |
| C | - | - | - | - |
| D | | | | |

3. Lost communication procedures for arrival aircraft under radar navigational guidance

If radio communications with Akeno Approach/Radar are lost for 1 minute, 15 seconds on surveillance final approach, or 5 seconds on PAR final approach, squawk Mode A/3 Code 7600 and;

(I) 1. Contact Akeno Radar /Tower.
2. If unable, proceed in accordance with Visual Flight Rules.
3. If unable, execute TACAN RWY13 or RWY31 approach.

4. Automated Radar Terminal System (ARTS)

When instructed by ATC, aircraft flying in and out of Akeno approach control area in principle will reply on 4096 Code (Mode A/3) with automatic altitude reporting capability (Mode C) ; Aircraft not equipped with the said transponder shall report ATC to that effect.

明野進入管制区を航行する航空機は、管制機関の指示があった場合、原則として自動高度通報機能を有する 4096 コードによる応答装置を作動させること。上記指示を受けた当該応答装置を有しない航空機は、管制機関に対しその旨を通報すること。

RJOE AD 2.23 ADDITIONAL INFORMATION

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

RJOE AD 2.24 CHARTS RELATED TO AN AERODROME

| |
|---|
| Standard Departure Chart-Instrument (KOWA) Standard Departure Chart-Instrument (HISAI) Standard Departure Chart-Instrument (AKENO REVERSAL) Standard Arrival Chart-Instrument Instrument Approach Chart (TACAN RWY13) Instrument Approach Chart (TACAN RWY31) Instrument Approach Chart (TACAN A) |
|---|

STANDARD DEPARTURE CHART -INSTRUMENT

RJOE / AKENO

SID

KOWA SEVEN DEPARTURE

RWY13 : Turn left,...

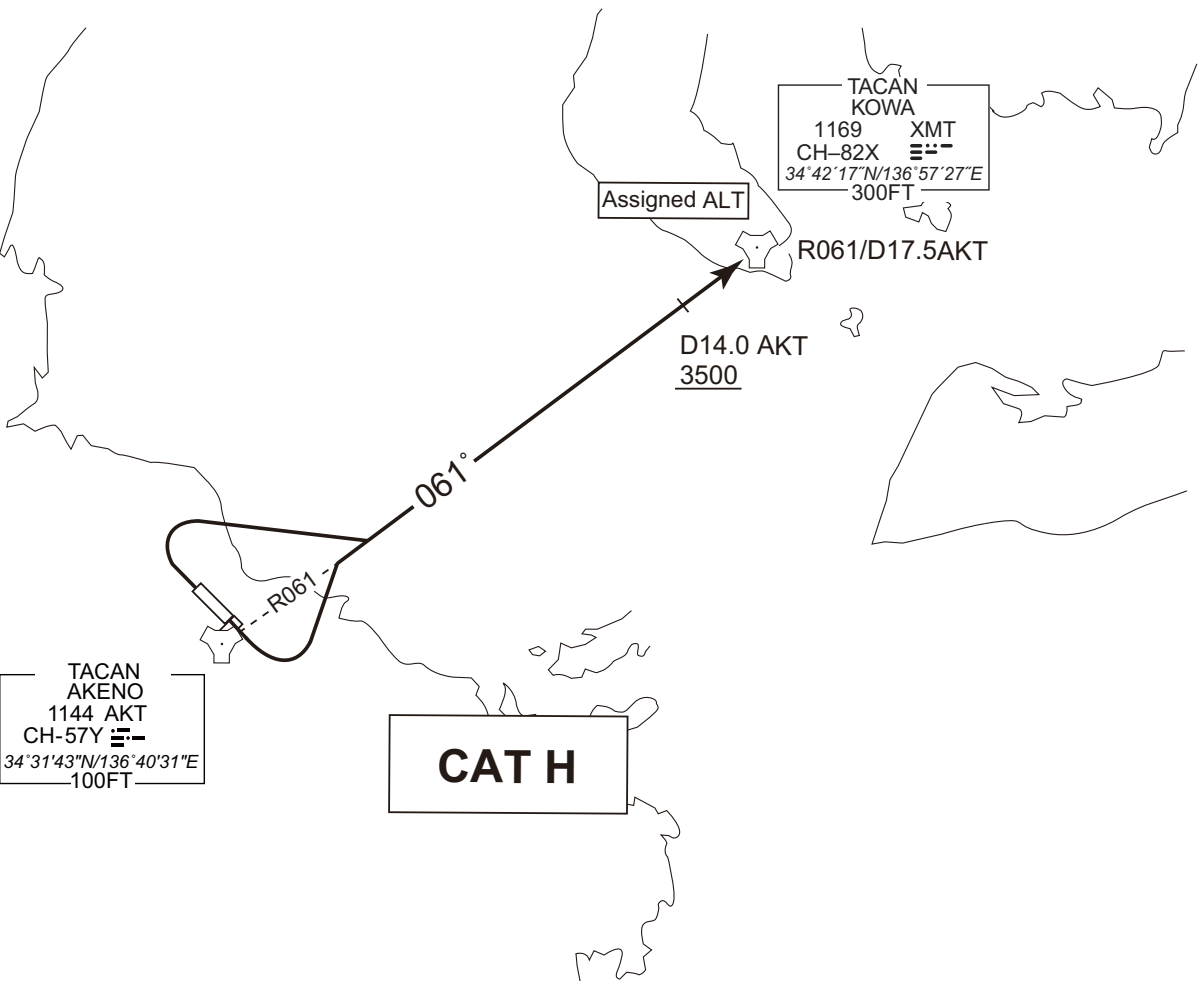
RWY31 : Turn right,...

...to intercept and proceed via AKT R061 to XMT TACAN.

Cross AKT R061/14.0DME at or above 3500FT, cross XMT TACAN at assigned altitude.

Note RWY13/31 : No turn before DER.

CHANGE : PROC course. PROC renamed(KOWA SEVEN DEPARTURE). NOTE added. ASAMA ONE DEPARTURE abolished.



STANDARD DEPARTURE CHART -INSTRUMENT

RJOE / AKENO

SID

HISAI TWO DEPARTURE

RWY13 : Turn left,...

RWY31 : Turn right,...

...to intercept and proceed via AKT R321 to HISAI.

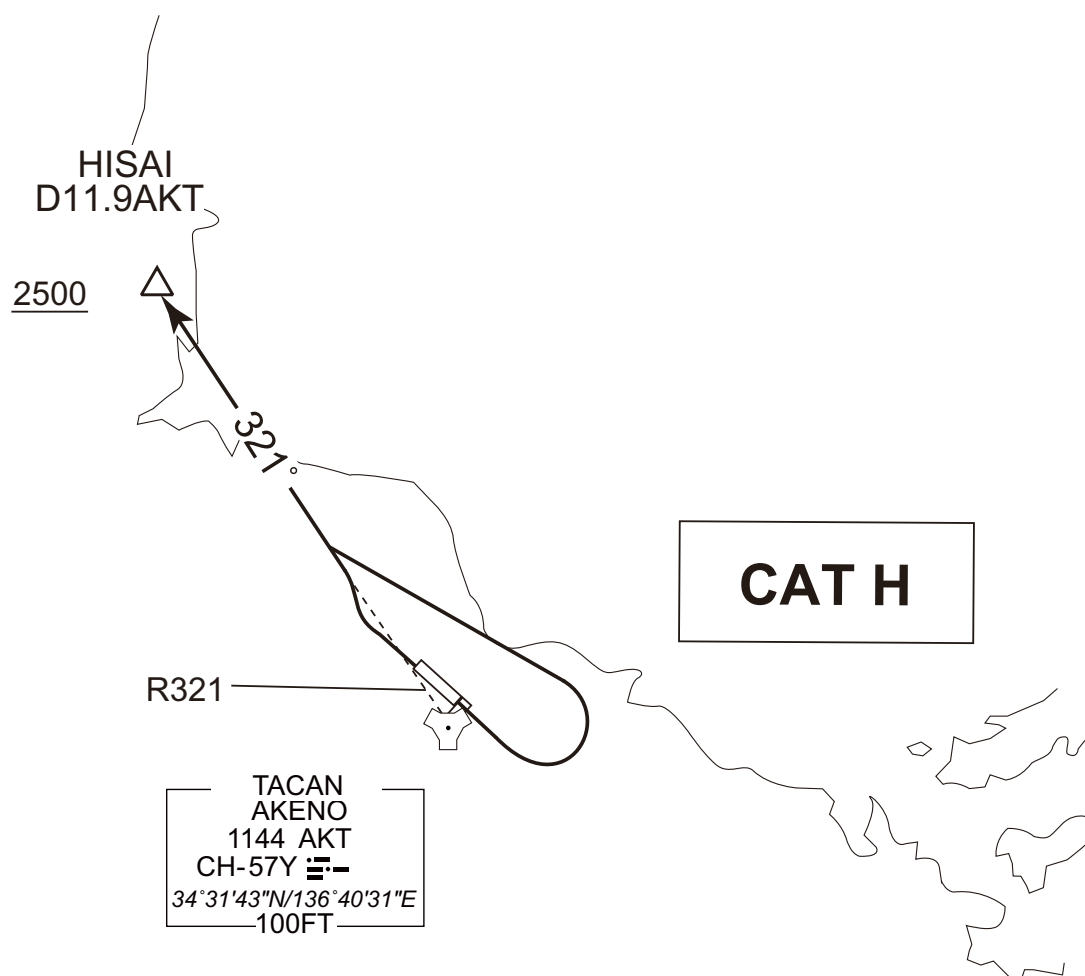
Cross HISAI at or above 2500FT.

Note RWY13 : No turn before DER.

5.4% climb gradient required up to 400FT.

OBST ALT 159 FT located at 0.4NM 173° FM end of RWY13.

Note RWY31 : No turn before DER.



CHANGE : PROC course. PROC renamed(HISAI TWO DEPARTURE). NOTE.

STANDARD DEPARTURE CHART -INSTRUMENT

RJOE / AKENO

SID and TRANSITION

AKENO REVERSAL FIVE DEPARTURE

RWY13 : Turn left, to intercept and proceed via AKT R106 to 2500FT, turn left,...

RWY31 : Turn right, to intercept and proceed via AKT R321 to 2500FT, turn right,...
...direct to AKT TACAN.

Note RWY13/31 : No turn before DER.

TRIKE TRANSITION

From over AKT TACAN, via AKT R070 to TRIKE.

Cross AKT R070/14.0DME at or above 4000FT, cross TRIKE at assigned altitude.

CHANGE : PROC course. PROC renamed(AKENO REVERSAL FIVE DEPARTURE). NOTE added(AKENO REVERSAL FIVE DEPARTURE).



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STANDARD ARRIVAL CHART-INSTRUMENT

RJOE / AKENO

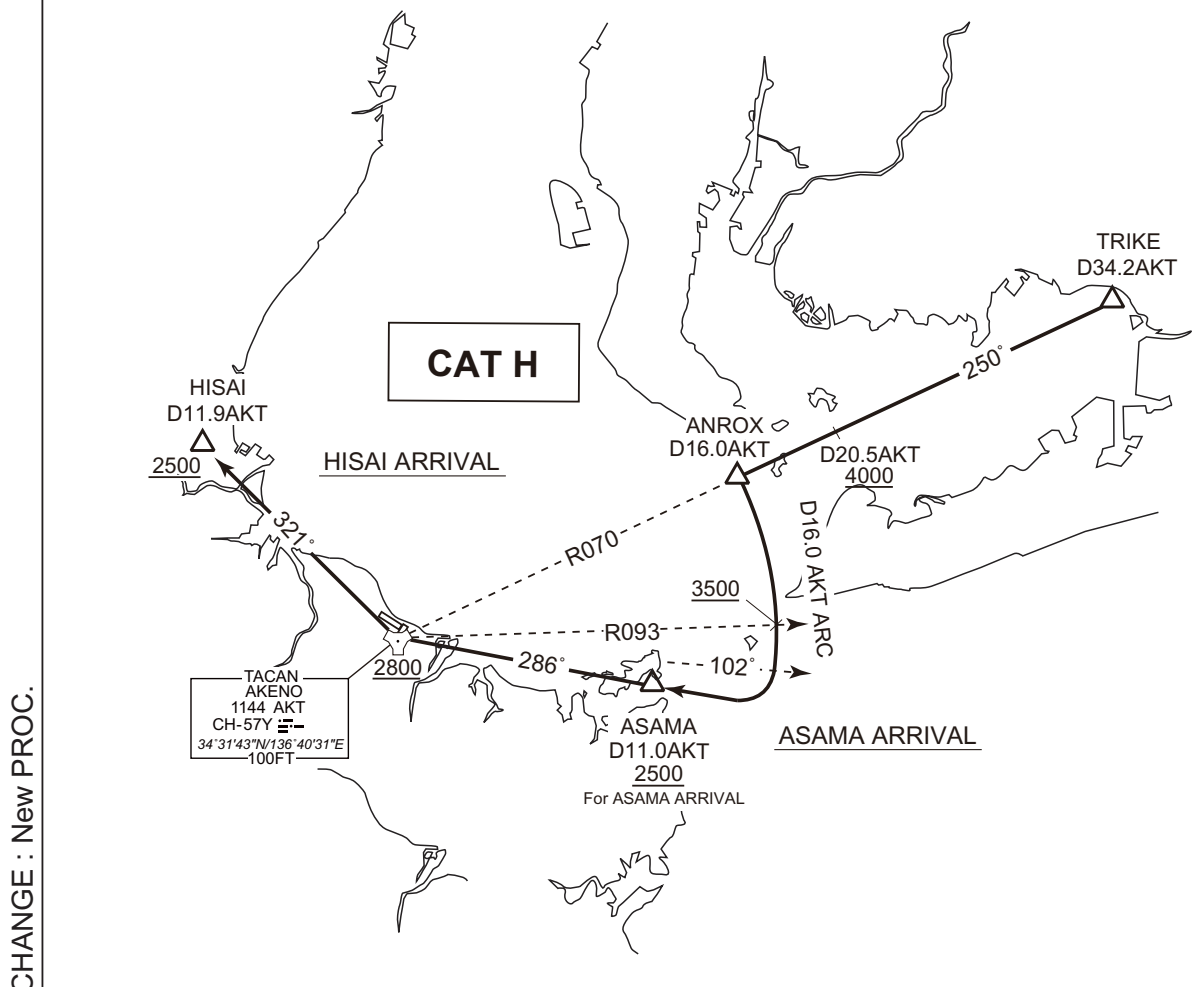
STAR

ASAMA ARRIVAL

From over TRIKE, via AKT R070 to ANROX, via AKT 16.0DME clockwise ARC to intercept and proceed via AKT R106 to ASAMA.
Cross AKT R070/20.5DME at or above 4000FT,
cross AKT R093/16.0DME at or above 3500FT,
cross ASAMA at or above 2500FT.

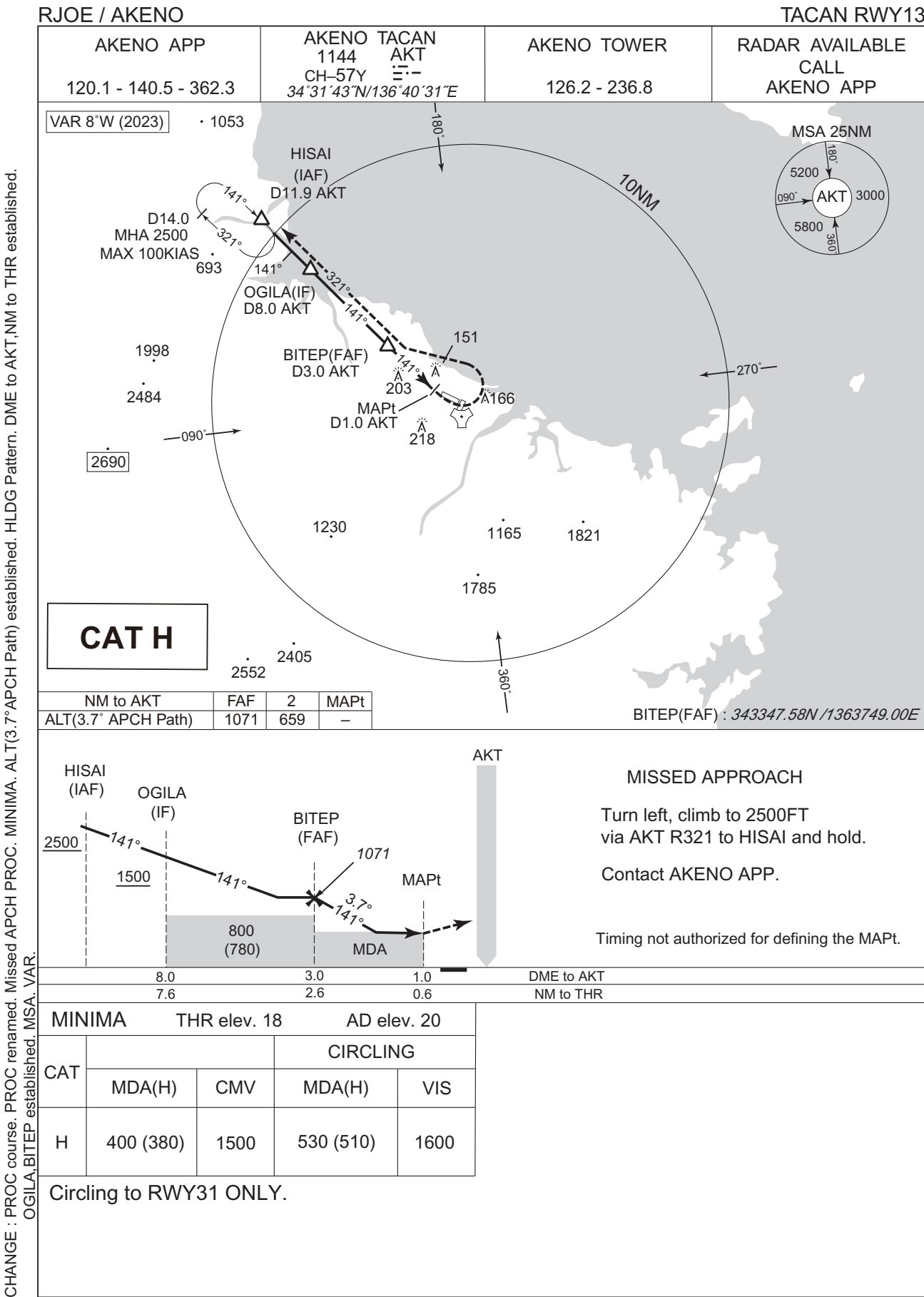
HISAI ARRIVAL

From over TRIKE, via AKT R070 to ANROX, via AKT 16.0DME clockwise ARC to intercept and proceed via AKT R106 to AKT TACAN, via AKT R321 to HISAI.
Cross AKT R070/20.5DME at or above 4000FT,
cross AKT R093/16.0DME at or above 3500FT,
cross AKT TACAN at or above 2800FT,
cross HISAI at or above 2500FT.



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INSTRUMENT APPROACH CHART



RJOE / AKENO

AKENO APP

120.1 - 140.5 - 362.3

AKENO TACAN

1144 AKT

CH-57Y

34°31'43"N/136°40'31"E

AKENO TOWER

126.2 - 236.8

RADAR AVBL

CALL

AKENO APP

VAR 8°W (2023)

MSA 25NM

AKT

5200

3000

5800

1998

2484

2690

10NM

180°

090°

270°

360°

1230

1165

1821

1785

2405

2552

CAT H

SEMKI(FAF) : 343122.99N /1364319.18E

| | | | | |
|---------------------|------|-----|-----|------|
| NM to AKT | MAPt | 1 | 2 | FAF |
| ALT(3.7° APCH Path) | - | 496 | 891 | 1027 |

MISSED APPROACH

Turn right, climb to 2500FT via AKT R106 to ASAMA and hold.

Contact AKENO APP.

Timing not authorized for defining the MAPt.

AKT

MAPt

SEMKI (FAF)

IGDAT (IF)

ASAMA (IAF)

MDA

700 (680)

2100 (2080)

2500

DME to AKT

NM to THR

0.5

2.3

5.7

7.5

0.7

2.5

5.9

7.7

MINIMA

THR elev. 15

AD elev. 20

CAT

MDA(H)

CMV

MDA(H)

VIS

H

430 (410)

1500

530 (510)

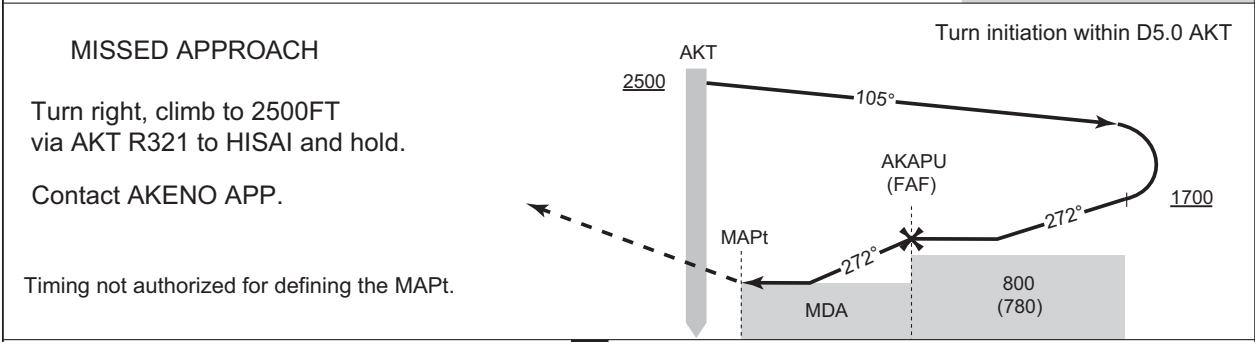
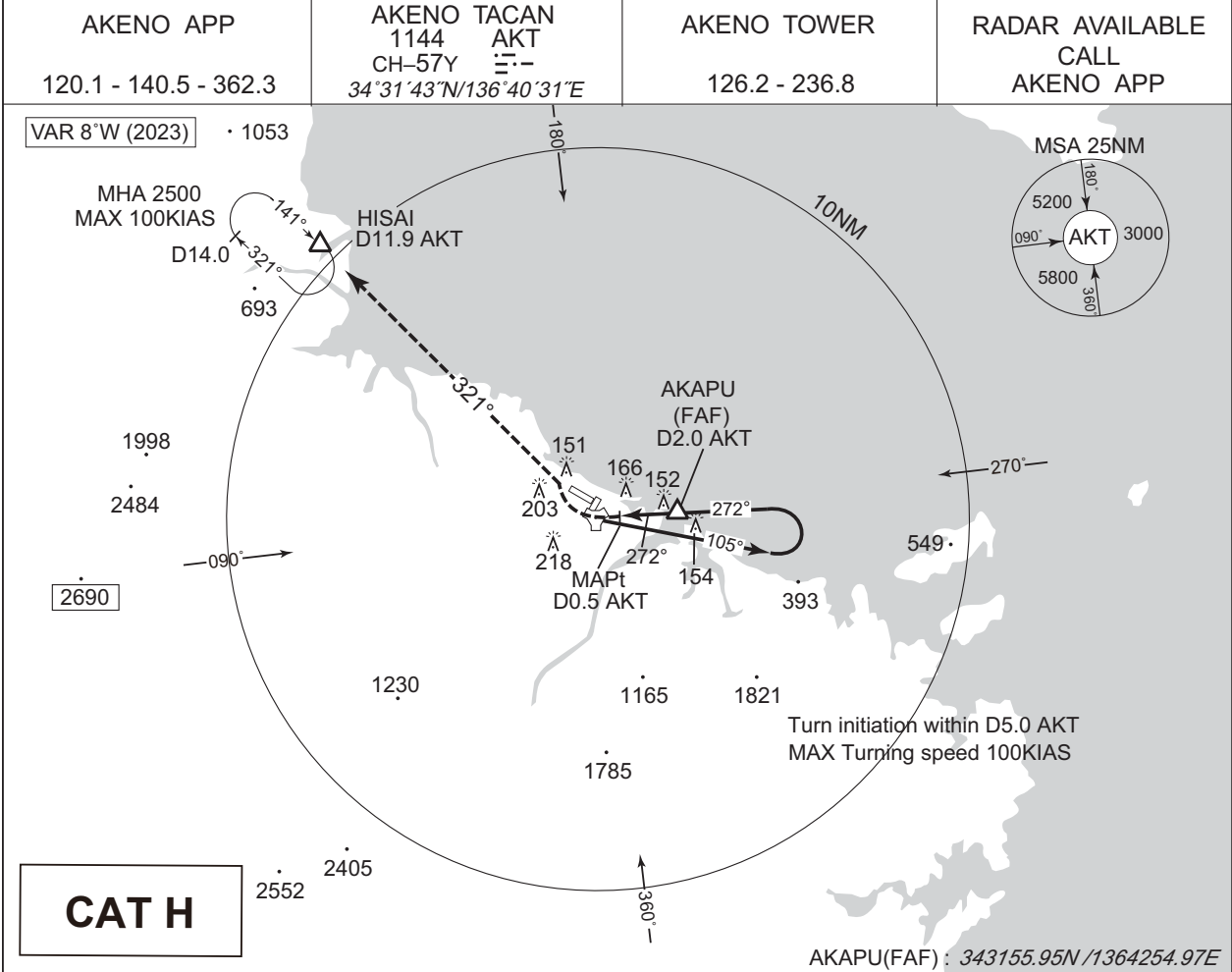
1600

Circling to RWY13 ONLY.

INSTRUMENT APPROACH CHART

RJOE / AKENO

TACAN A



| | | |
|--------------------|-----------|------|
| MINIMA AD elev. 20 | | |
| CAT | CIRCLING | |
| | MDA(H) | VIS |
| H | 530 (510) | 1600 |

Circling to RWY13/31 ONLY.

CHANGE : New PROC.

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