### **AD 2 AERODROMES**

## **RJTC AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

# **RJTC - TACHIKAWA**

### RJTC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| 1 | ARP coordinates and site at AD     | 354239N 1392411E |
|---|------------------------------------|------------------|
| 2 | Direction and distance from (city) | Nil              |
| 3 | Elevation/ Reference temperature   | 313ft / -        |
| 4 | Geoid undulation at AD ELEV        | Nil              |
|   | PSN                                |                  |
| 5 | MAG VAR/ Annual change             | Nil              |
| 6 | AD Administration, address,        | JSDF-G           |
|   | telephone, telefax, telex, AFS,    |                  |
|   | e-mail and/or Web-site addresses   |                  |
| 7 | Types of traffic permitted(IFR/    | IFR/VFR          |
|   | VFR)                               |                  |
| 8 | Remarks                            | Nil              |

### **RJTC AD 2.3 OPERATIONAL HOURS**

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

## **RJTC AD 2.4 HANDLING SERVICES AND FACILITIES**

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

### **RJTC 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 |

### **RJTC 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 |

## **RJTC AD 2.7 SEASONAL AVAILABILITY-CLEARING**

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

## **RJTC 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                |

## RJTC 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:01/19  (Marking) RWY designation, RWY CL, RWY THR, TDZ  (LGT) REDL,RTHL,TKOF aiming LGT  TWY:  (LGT) TWY edge LGT |
| 3 | Stop bars  | Nil   |
| 4 | Remarks  | Nil   |

## **RJTC AD 2.10 AERODROME OBSTACLES**

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

## **RJTC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

| 1  | Associated MET Office                  | TACHIKAWA             |
|----|--|-----------------------|
| 2  | Hours of service                       | 2200-0800             |
|    | MET Office outside hours               | Other time on request |
| 3  | Office responsible for TAF preparation | Nil                   |
|    | Periods of validity                    |                       |
| 4  | Trend forecast                         | Nil                   |
|    | interval of issuance                   |                       |
| 5  | Briefing/ consultation provided        | Nil                   |
| 6  | Flight documentation                   | Nil                   |
|    | Language(s) used                       |                       |
| 7  | Charts and other information available | S. U                  |
|    | for briefing or consultation           |                       |
| 8  | Supplementary equipment                | Nil                   |
|    | available for providing information    |                       |
| 9  | ATS units provided with information    | Nil                   |
| 10 | Additional information(limitation of   | Nil                   |
|    | service, etc.)                         |                       |

## **RJTC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| Designations<br>RWY NR | TRUE BRG     | Dimensions  EBRG of Strength(PCI  RWY(M) |                       | THR coordinates<br>THR geoid undu-<br>lation | THR elevation and highest elevation of TDZ of precision APP RWY |
|------------------------|--------------|--|-----------------------|--|---|
| 1                      | 2            | 3  | 4                     | 5  | 6   |
| 01                     | To be issued | 900×45                                   | SW 8000kg(17600lbs)   | Nil  | THR ELEV : 299ft  |
|                        | Later        |  | DW 11000kg(24300lbs)  |  |   |
|                        |              |  | DTW 16000kg(35300lbs) |  |   |
|                        |              |  | Asphalt-Concrete      |  |   |
| 19                     | To be issued | 900×45                                   | SW 8000kg(17600lbs)   | Nil  | THR ELEV : 313ft  |
|                        | Later        |  | DW 11000kg(24300lbs)  |  |   |
|                        |              |  | DTW 16000kg(35300lbs) |  |   |
|                        |              |  | Asphalt-Concrete      |  |   |
| Slope                  | of RWY       | Strip<br>Dimensions(M)                   |                       | Remarks                                      |   |
| 7                      |              | 10                                       |                       | 12   |   |
| see AD CHART           |              | 1020×300                                 |                       | Nil  |   |
|                        |              | 1020×300                                 |                       |  |   |

### **RJTC AD 2.13 DECLARED DISTANCES**

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

#### **RJTC AD 2.14 APPROACH AND RUNWAY LIGHTING**

| RWY<br>Designator | APCH<br>LGT<br>type<br>LEN<br>INTST | RTHL<br>Color<br>WBAR | PAPI<br>(VASIS)<br>Angle<br>DIST FM<br>THR<br>MEHT | RTZL<br>LEN | RCLL<br>LEN<br>Spacing<br>Color<br>INTST | REDL<br>LEN<br>Spacing<br>Color<br>INTST | RENL<br>Color<br>WBAR | STWL<br>LEN<br>Color |
|-------------------|-------------------------------------|-----------------------|--|-------------|--|--|-----------------------|----------------------|
| 1                 | 2                                   | 3                     | 4  | 5           | 6  | 7  | 8                     | 9                    |
| 01                |                                     |                       |  |             |  |  |                       |                      |
| 19                |                                     |                       |  |             |  |  |                       |                      |
|                   |                                     |                       |  | Remarks     |  |  |                       |                      |
|                   |                                     |                       |  | 10          |  |  |                       |                      |
|                   |                                     |                       |  | Nil         |  |  |                       |                      |

### RJTC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1 ABN/IBN location, characteristics and hours of operation

2 LDI location and LGT Anemometer location and LGT

3 TWY edge and centerline lighting

4 Secondary power supply/ switchover time

5 Remarks

ABN: 354234N/1392358E, White/Green EV10sec, HO

LDI:LGTD

TWY edge LGT:AVBL

Nil

WDI LGT, BDRY

#### **RJTC AD 2.16 HELICOPTER LANDING AREA**

|  | To be issued later | • |  |
|--|--------------------|---|--|
|  | 10 00 100000 1010. |   |  |

## **RJTC AD 2.17 ATS AIRSPACE**

| Designation and lateral limits |  | Vertical<br>limits<br>(ft) | Airspace classification | ATS unit call sign Language | Remarks |
|--------------------------------|--|----------------------------|-------------------------|-----------------------------|---------|
|                                | 1  | 2                          | 3                       | 4                           | 6       |
| TACHIKAWA<br>CTR               | Area within a radius of 5nm of TACHIKAWA ARP, in the east side of a east parallel line at a distance of 1nm from a line extending from YOKOTA ARP on 171°T and 351°T, in the south side of a line connecting two intersections of two circles with a radius of 5nm of IRUMA ARP and TACHIKAWA ARP and in the west side of a line connecting east intersection of them and 35°38′N139°28′E. | 3000 or below              | D                       | Tachikawa<br>Tower<br>En    |         |

### **RJTC AD 2.18 ATS COMMUNICATION FACILITIES**

| Service     | Hours of Call sign Frequency |              | Remarks           |                     |
|-------------|------------------------------|--------------|-------------------|---------------------|
| designation | Call Sign                    | Frequency    | operation         | Remarks             |
| 1           | 2                            | 3            | 4                 | 5                   |
| TWR         | Tachikawa Tower              | 118.85MHz(2) | 2330 - 0800       | (1) For Rescue only |
|             |                              | 298.8MHz(2)  | DLY               | (2) Primary         |
|             |                              | 126.2MHz(3)  | Other time 1HR PN | (3) Secondary       |
|             |                              | 138.05MHz(3) |                   |                     |
|             |                              | 139.8MHz(3)  |                   |                     |
|             |                              | 141.65MHz(3) |                   |                     |
|             |                              | 236.8MHz(3)  |                   |                     |
|             |                              | 123.1MHz(1)  |                   |                     |
|             |                              | 121.5MHz(E)  |                   |                     |
|             |                              | 243.0MHz(E)  |                   |                     |
| GCA-ASR     | Tachikawa GCA                | 121.3MHz(2)  | 2330 - 0800       | ASR RWY 01/19       |
| -PAR        |                              | 235.0MHz(2)  | Other time 1HR PN | PAR RWY 01          |
|             |                              | 134.1MHz(3)  |                   | GP 3.0°             |
|             |                              | 125.3MHz(3)  |                   |                     |
|             |                              | 138.3MHz(3)  |                   |                     |
|             |                              | 335.8MHz(3)  |                   |                     |
|             |                              | 270.8MHz(3)  |                   |                     |
|             |                              | 121.5MHz(E)  |                   |                     |
|             |                              | 243.0MHz(E)  |                   |                     |

## **RJTC 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  |
| Ī | NDB                   | TN  | 366KHz               | 2330 - 0800        | 354306N/1392359E                             |                                       |  |
|   | TACAN<br>(7°W / 2008) | TNT | 1192MHz<br>(CH-105X) | 2330 - 0800        | 354259.64N/1392358.17E                       | 390ft                                 | TACAN Unusable<br>R040-R160 beyond 30NM BLW 4000ft<br>R180-R200 beyond 20NM BLW 2000ft<br>R200-R220 beyond 30NM BLW 7000ft<br>R260-R340 beyond 33NM BLW<br>11000ft |

|        | TACAN TNT 1192MHz 2330 - 0800 <i>354259.64N/1392358.17E</i> 390 (7°W / 2008) (CH-105X) | TACAN Unusable R040-R160 beyond 30NM BLW 4000ft R180-R200 beyond 20NM BLW 2000ft R200-R220 beyond 30NM BLW 7000ft R260-R340 beyond 33NM BLW 11000ft |
|--------|--|---|
| 1. Air | RJTC AD 2.20 LOCAL TRAFFIC REGU  | LATIONS   |
|        | Nil  |   |
| 2. Tax | axiing to and from stands  |   |
|        | Nil  |   |
| 3. Pa  | Parking area for small aircraft(General aviation)                                      |   |
|        | Nil  |   |
| 4. Pa  | Parking area for helicopters   |   |
|        | Nil  |   |
| 5. Ap  | pron - taxiing during winter conditions  |   |
|        | Nil  |   |
| 6. Ta  | axiing - limitations   |   |
|        | Nil  |   |
| 7. Sc  | School and training flights - technical test flights - use of runways                  |   |
|        | Nil  |   |
| 8. He  | delicopter traffic - limitation  |   |
|        | Nil  |   |
| 9. Re  | Removal of disabled aircraft from runways  |   |
|        | Nil  |   |
|        | RJTC AD 2.21 NOISE ABATEMENT PRO   | CEDURES   |
|        | Nil  |   |

## **RJTC AD 2.22 FLIGHT PROCEDURES**

#### 1.TAKE OFF MINIMA

|           | RWY |          | nd RCLL<br>AVBL | REDL<br>LGT ONLY AVBL |               | REDL<br>LGT OUT |            |  |
|-----------|-----|----------|-----------------|-----------------------|---------------|-----------------|------------|--|
|           |     | CEIL-RVR | CEIL-VIS        | CEIL-RVR              | CEIL-VIS      | CEIL-RVR        | CEIL-VIS   |  |
| TKOF ALTN | 01  | _        |                 | 400′-1600m            | 400′-1600m    | 400′-1600m      | 400′-1600m |  |
| AP FILED  | 19  | -        | -               | -                     | 400-1600111   | -               |            |  |
| OTHER     | 01  |          | AVBL LDG MINIMA |                       |               |                 |            |  |
| OTTER     | 19  |          |                 | AVBL LD               | J IVIIIVIIVIA |                 |            |  |

### 2. WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE

### PAR RWY 01

| MINIMA |          | THR elev      | v. 299 AD elev. 3 |      |  |
|--------|----------|---------------|-------------------|------|--|
| CAT    |          |               | CIRCLING          |      |  |
| CAI    | DA(H)    | RVR/CMV MDA(H |                   | VIS  |  |
| Α      |          |               |                   | 1600 |  |
| В      | 513(214) | 1000          | 1000(687)         | 1000 |  |
| С      |          |               |                   | 2400 |  |
| D      | -        | -             | -                 | -    |  |

Circling to EAST side of RWY only.

## ASR RWY 01

| MINIMA |           | THR elev | . 299     | AD elev. 313 |  |
|--------|-----------|----------|-----------|--------------|--|
| CAT    |           |          | CIRCLING  |              |  |
| CAI    | MDA(H)    | RVR/CMV  | MDA(H)    | VIS          |  |
| Α      |           | 1500     |           | 1600         |  |
| В      | 1080(781) | 1000     | 1080(781) | 1000         |  |
| С      |           | 2000     |           | 2400         |  |
| D      | -         | -        | -         | -            |  |

Circling to EAST side of RWY only.

### ASR RWY 19

| MINIMA | i.       | THR elev | :313      | AD elev. 313 |
|--------|----------|----------|-----------|--------------|
| CAT    |          |          | CIRC      | LING         |
| OAI    | MDA(H)   | CMV      | MDA(H)    | VIS          |
| Α      |          | 1500     |           | 1600         |
| В      | 960(647) | 1000     | 1000(687) | 1000         |
| С      |          | 2000     |           | 2400         |
| D      | -        | -        | -         | -            |

Circling to EAST side of RWY only.

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

If radio communications with Tachikawa GCA are lost for one minute in the pattern or five/fifteen seconds on final approach

- 1. Contact YOKOTA Approach.
- 2. If unable,proceed in accordance with Visual Flight Rules.
- 3. If unable, proceed with ADF A approach (maintain 4000 until established on approach procedure).

### **RJTC AD 2.23 ADDITIONAL INFORMATION**

Nil

#### **RJTC AD 2.24 CHARTS RELATED TO AN AERODROME**

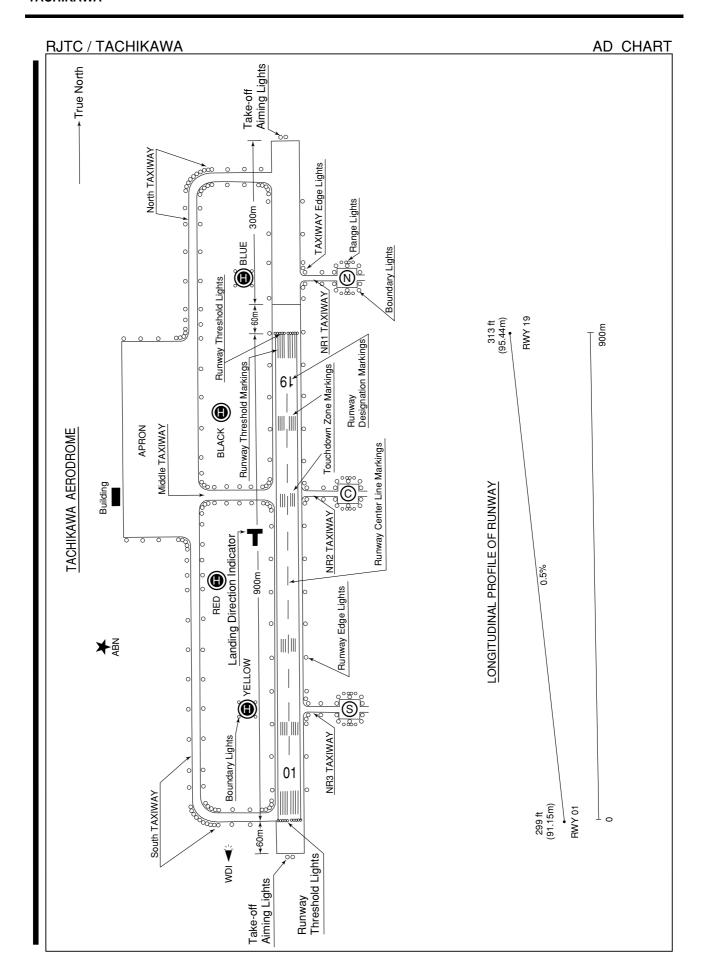
Figure-01 Aerodrome/Heliport Chart

Figure-07 Standard Departure Chart-Instrument (EDA, TACHIKAWA NORTHEAST)

Figure-10 Instrument Approach Chart (NDB A)

Figure-10 Instrument Approach Chart (TACAN RWY01)





#### STANDARD DEPARTURE CHART-INSTRUMENT

### RJTC / TACHIKAWA

SID

### EDA FOUR DEPARTURE

RWY01: Climb RWY HDG to 800FT, turn right HDG196° to intercept and proceed via TNT R151 (151° from TN NDB) to EDARR. Cross EDARR at assigned or specified altitude.

RWY19: Climb RWY HDG to 900FT, turn left HDG121° to intercept and proceed via TNT R151 (151° from TN NDB) to EDARR. Cross EDARR at assigned or specified altitude.

#### NOTE

1 When take off RWY01(RWY19), following minimum climb gradient should be maintained until passing 3000FT for noise abatement and obstacle avoidance.

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

#### 2 Obstructions exists.

- a 648' MSL height Chimney at 1.5NM NE of RWY01 DER
- b 641' MSL height Chimney at 1.7NM NE of RWY01 DER
- c 647' MSL height Substation at 2.1NM NE of RWY01 DER
- d 669' MSL height Micro Antenna at 1NM ESE of RWY19 DER
- e 696' MSL height Building at 0.9NM SE of RWY19 DER

### TACHIKAWA NORTHEAST FOUR DEPARTURE

RWY01: Climb RWY HDG to 800FT, turn right HDG075° to intercept and proceed via TNT R045 (045° from TN NDB) to OMIYA. Cross OMIYA at assigned or specified altitude.

RWY19: Climb RWY HDG to 900FT, turn left HDG360° to intercept and proceed via TNT R045 (045° from TN NDB) to OMIYA. Cross OMIYA at assigned or specified altitude.

#### NOTE

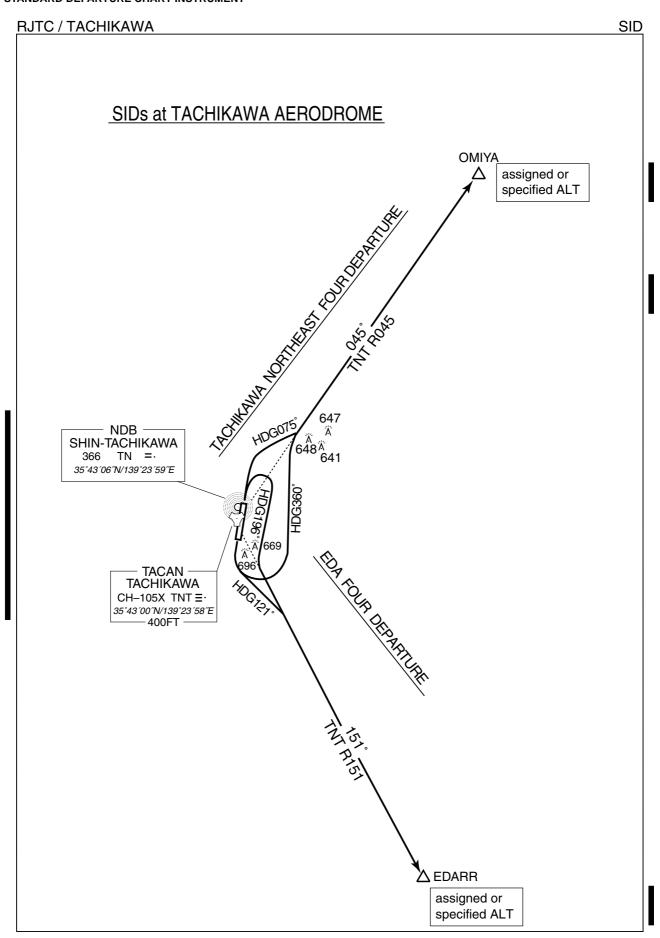
1 When take off RWY01(RWY19), following minimum climb gradient should be maintained until passing 3000FT for noise abatement and obstacle avoidance.

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

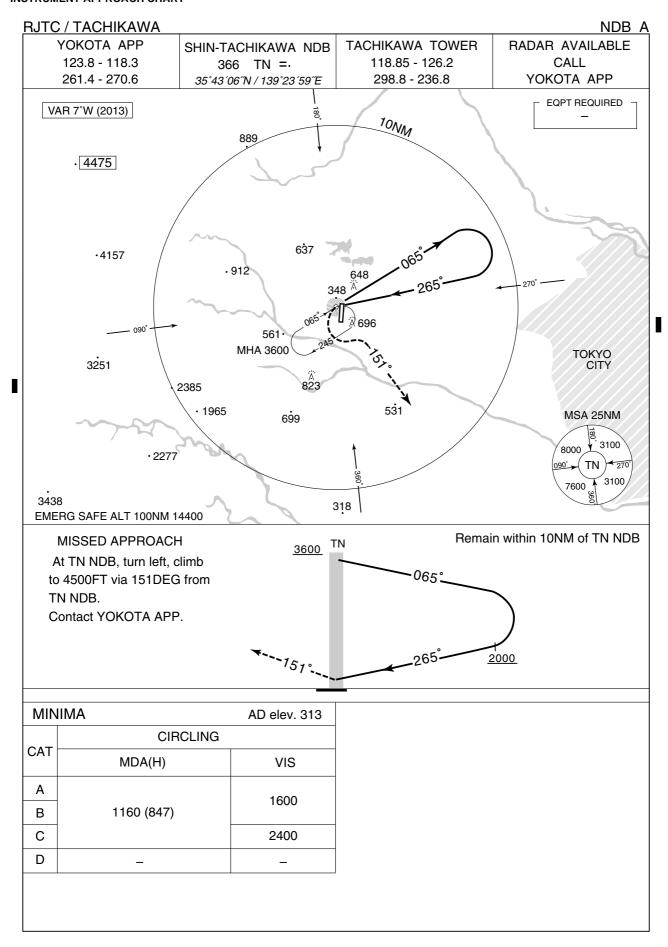
#### 2 Obstructions exists.

- a 648' MSL height Chimney at 1.5NM NE of RWY01 DER
- b 641' MSL height Chimney at 1.7NM NE of RWY01 DER
- c 647' MSL height Substation at 2.1NM NE of RWY01 DER
- d 669' MSL height Micro Antenna at 1NM ESE of RWY19 DER
- e 696' MSL height Building at 0.9NM SE of RWY19 DER

## STANDARD DEPARTURE CHART-INSTRUMENT



#### **INSTRUMENT APPROACH CHART**



#### **INSTRUMENT APPROACH CHART**

