

## RKTL AD 2.1 AERODROME LOCATION INDICATOR AND NAME

### RKTL - ULJIN

## RKTL AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |  |
|---|--|--|
| 1 | ARP coordinates and site at AD                       | 364637N 1292742E<br>169° / 904 m from THR 17   |
| 2 | Direction and distance from (city)                   | 176° / 25 km from Uljin-eup  |
| 3 | Elevation/Reference temperature                      | 53 m / 28.6 °C   |
| 4 | Geoid undulation at AD ELEV PSN                      | 21 m   |
| 5 | MAG VAR/Annual change                                | 9° W(2020) / 0.088° increasing   |
| 6 | Aerodrome Operator, Address, Telephone, Telefax, AFS | Korea Airports Corporation (Pohang Gyeongju Airport Uljin Operations Office)<br>264, Giseong-ro, Giseong-myeon, Uljin-gun, Gyeongsangbuk-do,<br>36353, Republic of Korea<br><br>TEL : +82-54-789-0306<br>Telefax : +82-54-789-0330<br>AFS : RKTLZPZX |
| 7 | Type of traffic permitted(IFR/VFR)                   | VFR/IFR  |
| 8 | Remarks  | NIL  |

## RKTL AD 2.3 OPERATIONAL HOURS

|    |                         |  |
|----|-------------------------|--|
| 1  | AD operator             | MON, WED, FRI : 2300-1100 UTC<br>TUE, THU : 2300-1100 UTC(OCT-APR)<br>2300-1300 UTC(MAY-SEP)<br>* 1100-1300 only for training flights based on Uljin AD.<br>SAT, SUN : 0000-0900 UTC |
| 2  | Customs and Immigration | NIL  |
| 3  | Health and Sanitation   | NIL  |
| 4  | AIS Briefing Office     | As AD operator   |
| 5  | ATS Reporting Office    | As AD operator   |
| 6  | MET Briefing Office     | NIL  |
| 7  | ATS                     | As AD operator   |
| 8  | Fuelling                | HO   |
| 9  | Handling                | NIL  |
| 10 | Security                | NIL  |
| 11 | De-icing                | NIL  |
| 12 | Remarks                 | Outside these hours services are available under the pre-coordination.<br>Training flights are restricted on Sunday for noise abatement.   |

## RKTL AD 2.4 HANDLING SERVICES AND FACILITIES

|   |   |   |
|---|---|---|
| 1 | Cargo handling facilities               | NIL   |
| 2 | Fuel/oil type                           | Fuel : JET A1, AV GAS 100LL<br>Oil : 15W50, 5W40  |
| 3 | Fuelling facilities/capacity            | Fuel services by truck / AV GAS 1 500, AV GAS 5 000,<br>JET A1 5 000, AV GAS 20 000<br>Fuel services by trailer / AV GAS 32 000 |
| 4 | De-icing facilities                     | NIL   |
| 5 | Hanger space for visiting aircraft      | NIL   |
| 6 | Repair facilities for visiting aircraft | NIL   |
| 7 | Remarks                                 | NIL   |

Change : Information of operational hours for AD operator.



### RKTL AD 2.5 PASSENGER FACILITIES

|   |                      |  |
|---|----------------------|--|
| 1 | Hotels               | In Uljin Gun                                       |
| 2 | Restaurants          | NIL  |
| 3 | Transportation       | NIL  |
| 4 | Medical facilities   | NIL  |
| 5 | Bank and Post Office | a. ATM available<br>b. Post Office : Not available |
| 6 | Tourist Office       | NIL  |
| 7 | Remarks              | NIL  |

### RKTL AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

|   |   |  |
|---|---|--|
| 1 | AD Category for fire fighting               | Category 2   |
| 2 | Rescue equipment                            | - 1 Chemical fire fighting truck<br>- Water : 3 600 L<br>- AFFF : 400 L<br>- Dry Chemical : 140 kg |
| 3 | Capability for removal of disabled aircraft | NIL  |
| 4 | Remarks                                     | NIL  |

### RKTL AD 2.7 SEASONAL AVAILABILITY - CLEARING

|   |                            |   |
|---|----------------------------|---|
| 1 | Type of clearing equipment | 1 Snow plough   |
| 2 | Clearance priorities       | a. RWY 35/17<br>b. TWY serving RWY in use<br>c. Apron |
| 3 | Remarks                    | Snow clearance information promulgated by SNOWTAM     |

### RKTL AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

|   |   |  |          |         |                |
|---|---|--|----------|---------|----------------|
| 1 | Apron surface and strength                  | a. Area : 27 958 m <sup>2</sup><br>b. Surface : Concrete<br>c. Strength : See Aircraft Parking/Docking Chart |          |         |                |
| 2 | Taxiway width, surface and strength         | Taxiway  | Width(m) | Surface | Strength       |
|   |   | E2, E4, P  | 8        | Asphalt | PCN 20/F/A/Z/T |
|   |   | E1   | 26       | Asphalt | PCN 20/F/A/Z/T |
|   |   | E5   | 27       | Asphalt | PCN 20/F/A/Z/T |
|   |   | E3   | 18       | Asphalt | PCN 36/F/B/X/T |
| 3 | Altimeter checkpoint location and elevation | Location : Apron<br>Elevation : 51 m   |          |         |                |
| 4 | VOR checkpoints                             | NIL  |          |         |                |
| 5 | INS checkpoints                             | NIL  |          |         |                |
| 6 | Remarks                                     | NIL  |          |         |                |

## RKTL AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKING

|   |   |  |
|---|---|--|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Taxing guidance signs at all intersections with TWY, RWY and at all holding positions<br>Guide lines at apron<br>Nose-in guidance at aircraft stands |
| 2 | RWY and TWY markings and LGT  | RWY<br>RWY 17 : Edge, CL, TDZ, THR, end<br>RWY 35 : Edge, CL, TDZ, THR, end<br><br>TWY<br>TWY edge lights : All TWY                                  |
| 3 | Stop bars   | NIL  |
| 4 | Remarks   | NIL  |

## RKTL AD 2.10 AERODROME OBSTACLES

| In Area 2               |                    |                         |                  |                           |                    |
|-------------------------|--------------------|-------------------------|------------------|---------------------------|--------------------|
| OBST ID/<br>Designation | OBST type          | OBST position           | ELEV/HGT         | Markings/<br>Type, colour | Remarks            |
| a                       | b                  | c                       | d                | e                         | f                  |
| RKTLOB001               | Natural High Point | 365612.8N<br>1291949.6E | 1 677ft/         | NIL                       | 17/APCH<br>35/TKOF |
| RKTLOB002               | Natural High Point | 365525.4N<br>1292151.4E | 1 436 ft/        | NIL                       |                    |
| RKTLOB003               | Natural High Point | 365152.4N<br>1292428.3E | 1 198 ft/        | NIL                       |                    |
| RKTLOB004               | Natural High Point | 364944.3N<br>1292543.8E | 695 ft/          | NIL                       |                    |
| RKTLOB005               | Natural High Point | 364716.3N<br>1292718.3E | 199 ft/          | NIL                       |                    |
| RKTLOB006               | Natural High Point | 364721.5N<br>1292733.5E | 190 ft/          | NIL                       |                    |
| RKTLOB007               | Natural High Point | 364718.2N<br>1292734.9E | 225 ft/          | NIL                       | 35/APCH<br>17/TKOF |
| RKTLOB008               | Natural High Point | 364717.0N<br>1292737.5E | 225 ft/          | NIL                       |                    |
| RKTLOB009               | Natural High Point | 364611.9N<br>1292712.3E | 476 ft/          | NIL                       |                    |
| RKTLOB010               | Natural High Point | 364841.6N<br>1292531.9E | 605 ft/          | NIL                       |                    |
| RKTLOB011               | Natural High Point | 364206.0N<br>1292803.5E | 561 ft/          | NIL                       |                    |
| RKTLOB012               | Natural High Point | 364607.8N<br>1292800.3E | 141 ft/          | NIL                       |                    |
| RKTLOB013               | Natural High Point | 364201.7N<br>1292759.7E | 538 ft/          | NIL                       |                    |
| In Area 3               |                    |                         |                  |                           |                    |
| OBST ID/<br>Designation | OBST type          | OBST position           | ELEV/HGT         | Markings/<br>Type, colour | Remarks            |
| a                       | b                  | c                       | d                | e                         | f                  |
| RKTLOB014               | Tower              | 364644.7N<br>1292754.9E | 257.8 ft/97.1 ft | NIL                       | 17/APCH<br>35/TKOF |

Change : Information of OBST type(hill/contour → natural high point).

**RKTL AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

|    |  |  |
|----|--|--|
| 1  | Associated MET Office  | NIL  |
| 2  | Hours of service<br>MET Office outside hours                           | NIL  |
| 3  | Office responsible for TAF preparation<br>Periods of validity          | NIL  |
| 4  | Trend forecast<br>Interval of issuance                                 | NIL  |
| 5  | Briefing/consultation provided   | NIL  |
| 6  | Flight documentation<br>Language(s) used                               | NIL  |
| 7  | Charts and other information available<br>for briefing or consultation | NIL  |
| 8  | Supplementary equipment available for<br>providing information         | NIL  |
| 9  | ATS units provided with information                                    | AIS, TWR   |
| 10 | Additional information<br>(limitation of service, etc.)                | AMOS* is operating.<br>* Automated Meteorological Observing System |

**RKTL AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| Designations<br>RWY NR | TRUE<br>BRG | Dimension of<br>RWY(m) | Strength(PCN)<br>and surface of<br>RWY and SWY | THR coordinates<br>RWY end coordinates<br>THR geoid undulation | THR elevation and<br>highest elevation of<br>TDZ of precision<br>APP RWY |
|------------------------|-------------|------------------------|--|--|--|
| 1                      | 2           | 3                      | 4  | 5  | 6  |
| 17                     | 162.71°     | 1 800 × 45             | PCN 36/F/B/X/T<br>Asphalt                      | 364705.09N<br>1292731.62E<br>-<br>NIL                          | THR 53.4 m/175.1 ft<br>TDZ 52.4 m/172.0 ft                               |
| 35                     | 342.71°     | 1 800 × 45             | PCN 36/F/B/X/T<br>Asphalt                      | 364609.33N<br>1292753.20E<br>-<br>NIL                          | THR 48.0 m/157.6 ft<br>TDZ 48.8 m/161.0 ft                               |

7. Slope of RWY-SWY

| SWY<br>dimensions(m) | CWY<br>dimensions(m) | Strip<br>dimensions(m) | RESA<br>dimensions(m) | Location &<br>description of<br>arresting<br>system | OFZ | Remarks |
|----------------------|----------------------|------------------------|-----------------------|---|-----|---------|
| 8                    | 9                    | 10                     | 11                    | 12  | 13  | 14      |
| NIL                  | 300 × 200            | 1 920 × 300            | 240 × 150             | NIL   | NIL | NIL     |
| NIL                  | 300 × 200            | 1 920 × 300            | 240 × 150             | NIL   | NIL | NIL     |

**RCTL AD 2.13 DECLARED DISTANCE**

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks                                |
|----------------|----------|----------|----------|---------|--|
| 1              | 2        | 3        | 4        | 5       | 6                                      |
| 17             | 1 800    | 2 100    | 1 800    | 1 800   | NIL                                    |
| 17             | 1 200    | 1 500    | 1 200    | -       | Take off from intersection with TWY E2 |
| 35             | 1 800    | 2 100    | 1 800    | 1 800   | NIL                                    |
| 35             | 1 200    | 1 500    | 1 200    | -       | Take off from intersection with TWY E4 |

**RCTL AD 2.14 APPROACH AND RUNWAY LIGHTING**

| RWY Designator | APCH LGT type LEN INTST | THR LGT Color WBAR | VASIS (MEHT) PAPI     | TDZ LGT LEN | RWY Center line LGT LEN, Spacing, Colour, INTST | RWY edge LGT LEN, Spacing, Colour, INTST | RWY End LGT Color WBAR | SWY LGT LEN Color | Remarks |
|----------------|-------------------------|--------------------|-----------------------|-------------|---|--|------------------------|-------------------|---------|
| 1              | 2                       | 3                  | 4                     | 5           | 6   | 7  | 8                      | 9                 | 10      |
| 17             | SSALF 420 m LIH         | Green -            | PAPI Left/3° (15.8 m) | NIL         | 1 800 m 30 m White LIH                          | 1 800 m 60 m White LIH                   | Red -                  | NIL               | NIL     |
| 35             | ALSF-I 750 m LIH        | Green -            | PAPI Left/3° (17.5 m) | 900 m       | 1 800 m 30 m White LIH                          | 1 800 m 60 m White LIH                   | Red -                  | NIL               | NIL     |

**RCTL AD 2.15 OTHER LIGHTINGS, SECONDARY POWER SUPPLY**

|   |  |   |
|---|--|---|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN : At tower Building FLG W/G EV 3 SEC H24<br>IBN : NIL   |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | LDI : NIL<br>Anemometer : 300 m from THR 17, lighted  |
| 3 | TWY edge and center line lighting                        | Edge : All TWY<br>Center line : NIL   |
| 4 | Secondary power supply/switch-over Time                  | Secondary power supply to all lighting at AD<br>Switch-over time : 1 or 15 SEC according to kind of lights<br>(Complied with ICAO requirements) |
| 5 | Remarks  | NIL   |

**RCTL AD 2.16 HELICOPTER LANDING AREA**

|   |   |     |
|---|---|-----|
| 1 | Coordinates TLOF or THR of FATO                           | NIL |
| 2 | TLOF and/or FATO elevation                                | NIL |
| 3 | TLOF and FATO area dimensions, surface, strength, marking | NIL |
| 4 | True and MAG BRG of FATO                                  | NIL |
| 5 | Declared distance available                               | NIL |
| 6 | APP and FATO lighting                                     | NIL |
| 7 | Remarks   | NIL |

### RKTL AD 2.17 ATS AIRSPACE

|   |                                   |   |
|---|-----------------------------------|---|
| 1 | Designation and lateral limit     | <p>ULJIN CTR</p> <p>* A circle, radius 5 NM centered on ARP</p> <p>** 365024N 1292338E thence clockwise by an arc of a circle 5 NM radius centered on ARP to 365136N 1292823E - 365354N 1292730E - 365243N 1292244E - 365024N 1292338E</p> <p>** 364250N 1293147E thence clockwise by an arc of a circle 5 NM radius centered on ARP to 364139N 1292702E - 363920N 1292755E - 364031N 1293240E - 364250N 1293147E</p> |
| 2 | Vertical limits                   | <p>* SFC to 2 500 ft AGL</p> <p>** 1 000 ft AGL to 2 500 ft AGL</p>   |
| 3 | Airspace classification           | D   |
| 4 | ATS unit call sign<br>Language(s) | <p>Uljin Tower</p> <p>English / Korean</p>  |
| 5 | Transition altitude               | 14 000 ft AMSL  |
| 6 | Operational hours                 | <p>MON, WED, FRI : 2300-1100 UTC</p> <p>TUE, THU : 2300-1100 UTC (OCT-APR)</p> <p>2300-1300 UTC (MAY-SEP)</p> <p>* 1100-1300 only for training flights based on Uljin AD.</p> <p>SAT, SUN : 0000-0900 UTC</p>   |
| 7 | Remarks                           | Refer to ENR 2.1-10, RKTL Visual approach Chart   |

### RKTL AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation   | Call sign       | Channel                    | Hours of operation | Remarks |
|---|-----------------|----------------------------|--------------------|---------|
| 1   | 2               | 3                          | 4                  | 5       |
| ARR   | Uljin Arrival   | 120.875 MHz<br>317.650 MHz | H24                | NIL     |
| DEP   | Uljin Departure | 120.875 MHz<br>317.650 MHz | H24                | NIL     |
| TWR   | Uljin Tower     | 118.550 MHz<br>317.450 MHz | HO                 | NIL     |
| GND   | Uljin Ground    | 121.775 MHz<br>317.450 MHz | HO                 | NIL     |
| ATIS  | NIL             | NIL                        | NIL                | NIL     |
| EMERG   |                 | 121.5 MHz<br>243.0 MHz     | HO                 | NIL     |
| <p>Scheduled Inspection Time</p> <p>- APP, DEP, TWR, GND, EMERG : Every 4th WED (1300-1800 UTC) of the month.</p> |                 |                            |                    |         |

Change : Amended coordinates for Uljin CTR.

### RKTL AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid,<br>MAG VAR,<br>Type of<br>supported OPS   | ID   | Frequency              | Hours of<br>operation | Position of<br>transmitting<br>antenna coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks   |
|--|------|------------------------|-----------------------|--|--|---|
| 1  | 2    | 3                      | 4                     | 5  | 6  | 7   |
| LOC 17<br>(9° W/2020)<br>ILS CAT I<br>(9° W or 351°)   | IUJS | 108.1 MHz              | H24                   | 364600.3N<br>1292756.7E                            |  |   |
| GP 17  | IUJS | 334.7 MHz              | H24                   | 364654.4N<br>1292730.7E                            |  | 3° ILS RDH 44 ft  |
| DME 17   | IUJS | 979 MHz<br>(CH 18X)    | H24                   | 364654.4N<br>1292730.6E                            | 60 m   |   |
| LOC 35<br>(9° W/2020)<br>ILS CAT I<br>(9° W or 351°)   | IUJN | 108.1 MHz              | H24                   | 364714.4N<br>1292728.0E                            |  |   |
| GP 35  | IUJN | 334.7 MHz              | H24                   | 364616.7N<br>1292745.3E                            |  | 3° ILS RDH 50 ft  |
| DME 35   | IUJN | 979 MHz<br>(CH 18X)    | H24                   | 364616.7N<br>1292745.1E                            | 60 m   |   |
| VOR/DME<br>(9° W/2020)   | UJN  | 115.3 MHz<br>(CH 100X) | H24                   | 364635.2N<br>1292726.9E                            | 90 m   | <b>DME unserviceable</b><br>- RDL 196-220 beyond 12 NM<br>BLW 8 000 ft<br>- RDL 221-270 beyond 16 NM<br>BLW 12 000 ft<br>- RDL 271-295 beyond 17 NM<br>BLW 10 000 ft<br>- RDL 296-320 beyond 15 NM<br>BLW 10 000 ft |
| Scheduled Inspection time :<br>- LOC 17, GP 17, DME 17, LOC 35, GP 35, DME 35, VOR/DME : Every 2nd WED (1300-1800 UTC) of the month.<br>- RADAR(ASR/SSR) : Every 4th WED (1300-1800 UTC) of the month. |      |                        |                       |  |  |   |

### RKTL AD 2.20 LOCAL AERODROME REGULATIONS

1. Uljin airport is operated by MOLIT\* for training pilot. All aircraft except the aircraft belonging Uljin flight training center/academy that wish to use this AD have to obtaining an approval 24-hour in advance from MOLIT and observe the Uljin Airport Local Regulations.

\* MOLIT : Ministry of Land, Infrastructure and Transport

2. Ground Procedure(Radio frequency change points)

#### Departure

RWY 35/17 in use

Aircraft shall change radio frequency from ULJIN Ground(121.775 MHz) to ULJIN Tower(118.55 MHz) when entering "E5" and "E1" taxiway from Apron unless otherwise instructed by ATC.

#### Arrival

RWY 35/17 in use

Aircraft shall change radio frequency from ULJIN Tower(118.55 MHz) to ULJIN Ground(121.775 MHz) when vacating runway unless otherwise instructed by ATC.

Change : Information of remarks for VOR/DME.

## RKTL AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

## RKTL AD 2.22 FLIGHT PROCEDURES

### 1. IFR Procedure

#### 1.1 Take-off weather minima

|   | RWY | Facilities       |                  |                  |                  |
|---|-----|------------------|------------------|------------------|------------------|
|   |     | REDL & RCLL      | REDL & RCL       | REDL or RCL      | NIL (Day Only)   |
| Multi-Engine ACFT<br>with<br>TKOF ALTN AD | 17  | 400 m / 1 200 ft | 400 m / 1 200 ft | 400 m / 1 200 ft | 500 m / 1 600 ft |
|   | 35  | 400 m / 1 200 ft | 400 m / 1 200 ft | 400 m / 1 200 ft | 500 m / 1 600 ft |
| Others                                    | 17  | AVBL LDG MINIMA  |                  |                  |                  |
|   | 35  |                  |                  |                  |                  |

Note : SIDs are designed in accordance with STANDARDS for FLIGHT PROCEDURE DESIGN.

1. The TDZ RVR/VIS may be assessed by the pilot.
2. For Night Operations at least REDL or RCLL and RENL are available.

### 2. Procedures for VFR flight within Uljin CTR

#### 2.1 VFR procedures

- a. Take-off RWY 17/35 for CATA 7
  - Initial climb to 700 ft then turn left(or right) HDG 080, climb VFR to 1 000 ft until 5 mile from Uljin airport. Contact Uljin Arrival on 120.875 MHz when instructed by Uljin Tower or leaving Tower control zone. Further climb instruction will be issued by Uljin Arrival.
- b. Take-off RWY 17/35 for Cross-Country
  - RWY 17/35 : Initial climb to 900 ft then turn left(or right), climb to 2 500 ft over threshold then turn left(or right) HDG 260 until leaving control zone.
- c. Arrival
  - RWY 17 South/North
    - South : S → B(2 000 ft) → Follow instructions as directed by ATC.
    - North : N → W → A(2 000 ft) → Follow instructions as directed by ATC.
  - RWY 35 South/North
    - North : N → W → A(2 000 ft) → Follow instructions as directed by ATC.
    - South : S → B(2 000 ft) → Follow instructions as directed by ATC.
  - VFR POINT "C"(RWY 35 used) and "D"(RWY 17 used) are prohibited except emergency or ATC instruction.
- d. VFR flight will be permitted under the condition as below :
  - Ground visibility : Not less than 5 km
  - Ceiling : at or above 450 m(1 500 ft)
- e. VFR Traffic circuit : Refer to page RKTL AD 2-10
- f. VFR Circuit Altitude
  - CAT A : 1 500 ft AMSL
- g. VFR Reporting point : Refer to page RKTL AD 2-10



2.2 Special VFR

- a. A pilot of special VFR flight shall fly in accordance with each of the following :
  - fly within permitted control zone.
  - fly to avoid clouds.
  - fly maintaining flight visibility of 1 500 m or more.
  - fly in a condition to be able to see surface of land or water at all times.
  - A pilot who is not qualified to instrument flight or is not flying an aircraft not equipped with flight instruments for IFR prescribed in Aviation Act shall only fly during daytime. However SVFR helicopter may be permitted to fly during night time.

3. RADIO COMMUNICATION FAILURE PROCEDURE

3.1 IFR

1. General

- a. No one may take off unless two-way communication can be maintained with the Air Traffic Control.
- b. On recognition of communication failure during flight, squawk 7600 and if it is necessary to ensure safe altitude, climb to Minimum Safe Altitude or above to maintain obstacle clearance. Then comply with following procedures.

2. VMC

If the failure occurs in VFR condition, or if VFR condition is encountered after the failure, each pilot shall continue the flight under VFR and land as soon as practicable in accordance with runway in use.

3. IMC

If the failure occurs in IFR condition, or if paragraph 2 of this section cannot be complied with, each pilot shall continue the flight according to the followings :

A. DEPARTURE

- a. Under Pilot Navigation
  - 1) Proceed by the route, observe the altitude and restriction described in the SID chart or assigned at the last ATC clearance received.
- b. When being vectored or having been directed by ATC, proceed in the most direct manner possible to rejoin the current flight plan route no later than the next significant point, taking into consideration the applicable minimum flight altitude.

B. ARRIVAL

- a. Proceed to BANYA, ALDON IAF at the last assigned altitude or the minimum altitude of IAF whichever is higher and hold; then
- b. Commence Instrument Approach as close as possible to the expect further clearance time(EFC) issued by ATC or estimated time of arrival(ETA) filed in the flight plan; and
- c. Land, if possible, within 30 minutes after ETA or the last acknowledged EFC or ETA, whichever is later.

3.2 VFR

1. VFR flight which has encountered radio communication failure shall

A. Helicopter

- Squawk 7600, and
- When able to see light gun signal from control tower, follow that instruction.
- If unable to see light gun signal from control tower, hold over "S" point until ETA or for 10 minutes, whichever is longer, then
- Land on parallel taxiway "P" as appropriate.
- Pilot shall use caution landing and departing traffic.

B. Conventional flight

- Squawk 7600, and
- When able to see light gun signal from control tower, follow that instruction.
- If unable to see light gun signal from control tower,
  - a. Aircraft in traffic pattern : Hold on downwind until ETA or for 10 minutes, whichever is longer, then

b. RWY 17 in use

- 1) Aircraft inbound from 'A' : Proceed southbound until abeam control tower then turn left to join right downwind and hold until ETA or for 10 minutes, whichever is longer, then
- 2) Aircraft inbound from 'B' : Join right downwind and hold until ETA or for 10 minutes, whichever is longer, then
  - Aircraft on right pattern should land on RWY in use.
  - Pilot shall use caution landing and departing traffic.

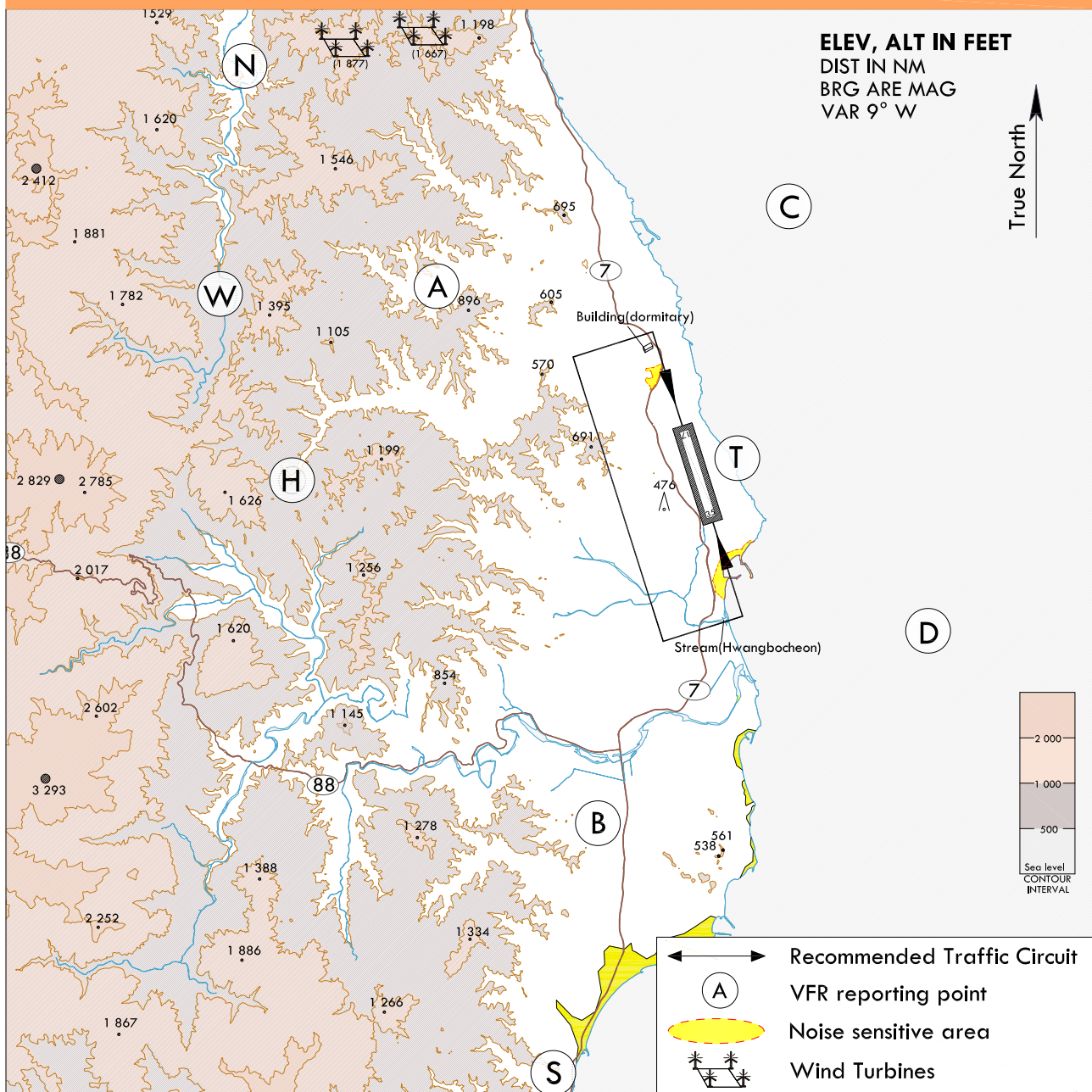
c. RWY 35 in use

- 1) Aircraft inbound from 'A' : Join left downwind and hold until ETA or for 10 minutes, whichever is longer, then
- 2) Aircraft inbound from 'B' : Proceed northbound until abeam control tower then turn right to join left downwind and hold until ETA or for 10 minutes, whichever is longer, then
  - Aircraft on left pattern should land on RWY in use.
  - Pilot shall use caution landing and departing traffic.

- d. Outbound for CATA 7 : After 5 mile from Uljin AD, climb to 3 000 ft, when climbing, pilot execute radio communication with ATC every 500 ft. If radio failure continues at 3 000 ft, then follow b. and c.

Change : Establishment of radio communication failure procedure for VFR(outbound for CATA 7).

## VFR Traffic Circuits - Uljin



**\* NOTE**

1. All VFR flight operation within ULJIN control zone shall maintain two way communication with ULJIN TWR.
2. Pilots are encouraged to use the recommended VFR traffic circuit for traffic flow, noise abatement, obstacle avoidance.
3. The use of the recommended VFR traffic circuit does not alter the responsibility of each pilot to see and avoid other aircraft, obstacle.
4. Reporting point 'T' applied only for VFR aircraft flying over the west mountains to Uljin aerodrome between sunset and sunrise (recommended 'T' crossing altitude at 7 500 ft AMSL).

**VFR Traffic Circuit Altitude**

| Category | A                | B | C   | D |
|----------|------------------|---|-----|---|
| Altitude | 1 500 ft<br>AMSL |   | N/A |   |

| Reporting Point | Geographical Name                     | Position       | Coordinates            | Altitude(AMSL) |
|-----------------|---------------------------------------|----------------|------------------------|----------------|
| A               | Bangyouri(방율리)                        | R 316 UJN/D3.7 | 364853.56N 1292349.20E | 2 000 ft       |
| B               | Hakgokri Railway Tunnel<br>(학곡리 철도터널) | R 202 UJN/D4.3 | 364225.28N 1292614.09E | 2 000 ft       |
| C               | Sadongri(사동리)                         | R 030 UJN/D3.5 | 364949.96N 1292905.39E | 2 000 ft       |
| D               | Weolsongjeong(월송정)                    | R 130 UJN/D3.5 | 364443.33N 1293108.23E | 2 000 ft       |
| H               | Ipyeongri(이평리)                        | R 270 UJN/D4.7 | 364634.00N 1292139.00E | -              |
| N               | Galmyeonkyo(갈면교)                      | R 322 UJN/D7.2 | 365132.75N 1292057.74E | 2 500 ft       |
| S               | Murigol Entrance(무리골 진입로)             | R 200 UJN/D7.6 | 363906.07N 1292540.78E | 2 500 ft       |
| T               | Beacon(비행장등대)                         | R 075 UJN/D0.4 | 364644.67N 1292754.87E | 7 500 ft       |
| W               | Gilgokri(길곡리)                         | R 304 UJN/D6.1 | 364915.70N 1292036.40E | 2 500 ft       |

Change : Information of legend(wind power plant area → wind turbines).



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## RKTL AD 2.23 ADDITIONAL INFORMATION

### 1. Bird concentration in the vicinity of aerodrome

There are mountains and sea near Uljin aerodrome, therefore some resting and feeding areas of birds are in the vicinity of Uljin aerodrome.

- a. There are no specific tendency of migratory birds' habitats and migration routes around the aerodrome.  
Sedentary birds such as kestrels, sparrows, magpies and doves appear both inside and outside of the aerodrome including the runway.
- b. The birds' feeding areas are located around grasses in the aerodrome and birds frequently move to their habitats.  
The flying height is various from the ground to 700 ft AGL.

## RKTL AD 2.24 CHART RELATED TO THE AERODROME

|   |                    |
|---|--------------------|
| Aerodrome Chart - ICAO .....  | RKTL AD CHART 2-1  |
| Aircraft Parking / Docking Chart - ICAO .....                                     | RKTL AD CHART 2-3  |
| Aerodrome Ground Movement Chart(DEP) - ICAO .....                                 | RKTL AD CHART 2-5  |
| Aerodrome Ground Movement Chart(ARR) - ICAO .....                                 | RKTL AD CHART 2-6  |
| SID - ICAO - RWY 17 - RNAV NOBUT 2M, RNAV LOSTO 1M .....                          | RKTL AD CHART 2-7  |
| SID - ICAO - RWY 17 - NOBUT 2S, LOSTO 2S .....                                    | RKTL AD CHART 2-8  |
| SID - ICAO - RWY 17 - LOSTO 6S .....  | RKTL AD CHART 2-9  |
| SID - ICAO - RWY 35 - RNAV NOBUT 1R, RNAV LOSTO 2R .....                          | RKTL AD CHART 2-10 |
| SID - ICAO - RWY 35 - NOBUT 3N, LOSTO 2N .....                                    | RKTL AD CHART 2-11 |
| SID - ICAO - RWY 35 - LOSTO 2A .....  | RKTL AD CHART 2-12 |
| SID - ICAO - RWY 35 - RADAR 1A .....  | RKTL AD CHART 2-13 |
| STAR - ICAO - RWY 17 - RNAV NOBUT 1J, RNAV LOSTO 1J .....                         | RKTL AD CHART 2-14 |
| STAR - ICAO - RWY 17 - NOBUT 2D, LOSTO 2D .....                                   | RKTL AD CHART 2-15 |
| STAR - ICAO - RWY 35 - RNAV NOBUT 2H, RNAV LOSTO 1H .....                         | RKTL AD CHART 2-16 |
| STAR - ICAO - RWY 35 - NOBUT 2C, LOSTO 2C .....                                   | RKTL AD CHART 2-17 |
| ATC Surveillance Minimum Altitude Chart - ICAO(Refer to RKTH AD CHART 2-10) ..... | RKTH AD CHART 2-10 |
| Instrument Approach Chart - ICAO - RWY 17 - ILS Z or LOC Z .....                  | RKTL AD CHART 2-18 |
| Instrument Approach Chart - ICAO - RWY 17 - ILS Y or LOC Y .....                  | RKTL AD CHART 2-19 |
| Instrument Approach Chart - ICAO - RWY 17 - RNP .....                             | RKTL AD CHART 2-20 |
| Instrument Approach Chart - ICAO - RWY 17 - VOR .....                             | RKTL AD CHART 2-21 |
| Instrument Approach Chart - ICAO - RWY 35 - ILS Z or LOC Z .....                  | RKTL AD CHART 2-22 |
| Instrument Approach Chart - ICAO - RWY 35 - ILS Y or LOC Y .....                  | RKTL AD CHART 2-23 |
| Instrument Approach Chart - ICAO - RWY 35 - RNP .....                             | RKTL AD CHART 2-24 |
| Instrument Approach Chart - ICAO - RWY 35 - VOR .....                             | RKTL AD CHART 2-25 |
| Visual Approach Chart - ICAO .....  | RKTL AD CHART 2-26 |
| Bird concentrations in the vicinity of the airport .....                          | RKTL AD CHART 2-27 |

Change : Information of procedure names for SID and STAR(1M → 2M, 1R → 2R, 2N → 3N, 1A → 2A, 1H → 2H).

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