

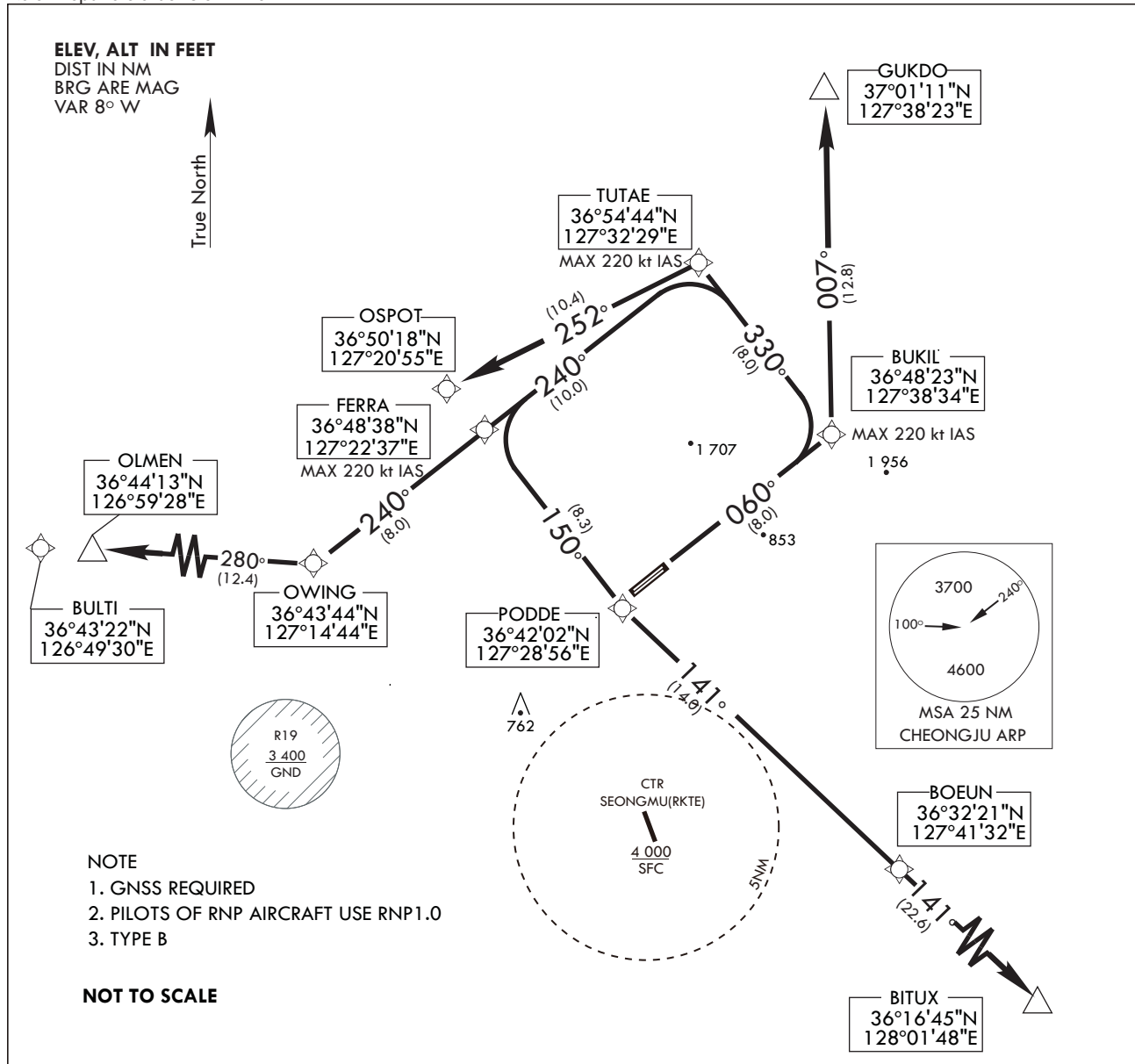
**STANDARD DEPARTURE CHART  
INSTRUMENT (SID)**

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

JUNGWON DEP 129.65 292.9  
CHEONGJU TWR 118.7 249.6  
126.2 236.6

**CHEONGJU/Cheongju INTL**  
**RWY 6L**  
**RNAV(GNSS)-BUKIL 1**

Note : Departure under U.S. TERPS.



**DEPARTURE PROCEDURE ROUTE DESCRIPTION**

**TAKE OFF MINIMA** : RWY 06L- STANDARD WITH ATC CLIMB OF 380 ft/NM TO 8 000 ft.

**TAKE OFF RWY 06L** : CLIMB ON 060DEG COURSE TO BUKIL, THENCE.....

..... VIA(TRANSITION). MAINTAIN 6 000 ft, EXPECTED FIELD ALTITUDE 5 MINUTES AFTER DEPARTURE.

**GUOKDO TRANSITION (BUKIL 1. GUKDO)** : ..... 007DEG TRACK TO GUKDO, CROSS GUKDO AT OR ABOVE 8 000 ft.

**OSPOT TRANSITION (BUKIL 1. OSPOT)** : ..... 330DEG TRACK TO TUTAE, THEN VIA 252DEG TRACK TO OSPOT.

**OLMEN/BULTI TRANSITION (BUKIL 1. OLMEN/BULTI)** : ..... 330DEG TRACK TO TUTAE, THEN VIA 240DEG TRACK TO OWING, THEN VIA 280DEG TRACK TO OLMEN/BULTI.

**BITUX TRANSITION (BUKIL 1. BITUX)** : ..... 330DEG TRACK TO TUTAE, THEN VIA 240DEG TRACK TO FERRA, THEN VIA 150DEG TRACK TO PODDE, THEN VIA 141 DEG TRACK TO BOEUN, THEN VIA 141DEG TRACK TO BITUX.

Change : Withdrawal of A815.

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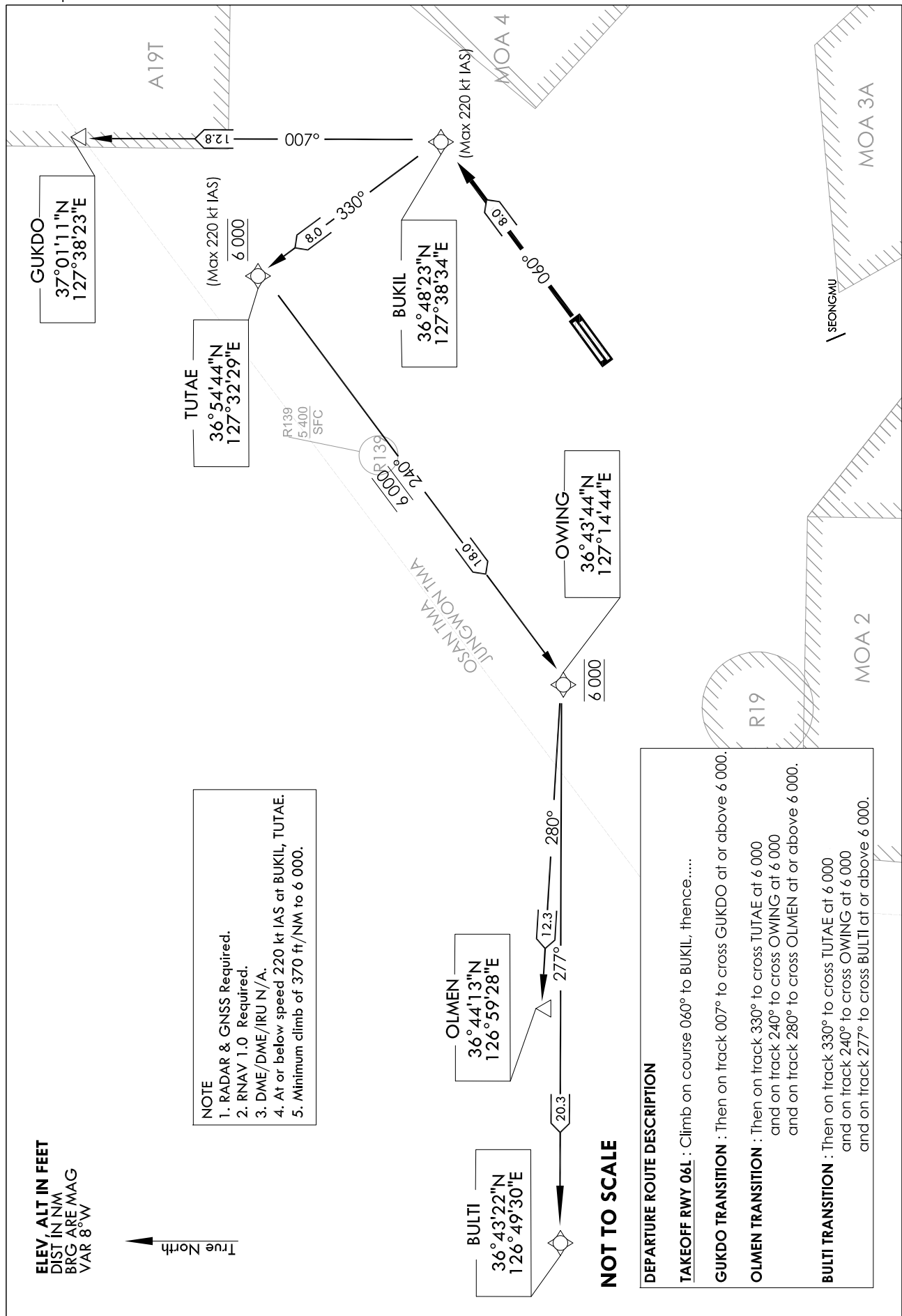
**STANDARD DEPARTURE CHART  
INSTRUMENT (SID) - ICAO**

Note : Departure under U.S. TERPS.

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

JUNGWON DEP 129.65  
CHEONGJU TWR 118.7 126.2

**CHEONGJU/Cheongju INTL  
RWY 06L  
RNAV(GNSS)-BUKIL 2**



CHEONGJU/Cheongju INTL(RKTU)

RWY 06L

RNAV BUKIL 2

## AERONAUTICAL DATA TABULATION

## Standard Instrument Departure Procedure Coding Tables

RNAV BUKIL 2 - GUKDO Transition

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track °M(°T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates                | VPA/TCH | Navigation specification | Remarks               |
|---------------|-----------------|---------------------|----------|---------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|-----------------------|
| 001           | CF              | BUKIL               | -        | 060(052.41)         | 8.0           | -              | -             | -220       | 36°48'23.2"N 127°38'33.7"E | -       | RNAV 1                   | CG 370 ft/NM to 6 000 |
| 002           | TF              | GUKDO               | -        | 007(359.35)         | 12.78         | -              | +6 000        | -          | 37°01'10.9"N 127°38'22.9"E | -       | RNAV 1                   | CG 370 ft/NM to 6 000 |

RNAV BUKIL 2 - OLMEN Transition

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track °M(°T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates                | VPA/TCH | Navigation specification | Remarks               |
|---------------|-----------------|---------------------|----------|---------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|-----------------------|
| 001           | CF              | BUKIL               | -        | 060(052.41)         | 8.0           | -              | -             | -220       | 36°48'23.2"N 127°38'33.7"E | -       | RNAV 1                   | CG 370 ft/NM to 6 000 |
| 002           | TF              | TUTAE               | -        | 330(322.50)         | 8.0           | -              | @6 000        | -220       | 36°54'44.4"N 127°32'29.4"E | -       | RNAV 1                   | CG 370 ft/NM to 6 000 |
| 003           | TF              | OWING               | -        | 240(232.44)         | 18.0          | -              | @6 000        | -          | 36°43'43.8"N 127°14'44.4"E | -       | RNAV 1                   | -                     |
| 004           | TF              | OLMEN               | -        | 280(272.37)         | 12.29         | -              | +6 000        | -          | 36°44'13.4"N 126°59'27.6"E | -       | RNAV 1                   | -                     |

RNAV BUKIL 2 - BULTI Transition

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track °M(°T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates                | VPA/TCH | Navigation specification | Remarks               |
|---------------|-----------------|---------------------|----------|---------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|-----------------------|
| 001           | CF              | BUKIL               | -        | 060(052.41)         | 8.0           | -              | -             | -220       | 36°48'23.2"N 127°38'33.7"E | -       | RNAV 1                   | CG 370 ft/NM to 6 000 |
| 002           | TF              | TUTAE               | -        | 330(322.50)         | 8.0           | -              | @6 000        | -220       | 36°54'44.4"N 127°32'29.4"E | -       | RNAV 1                   | CG 370 ft/NM to 6 000 |
| 003           | TF              | OWING               | -        | 240(232.44)         | 18.0          | -              | @6 000        | -          | 36°43'43.8"N 127°14'44.4"E | -       | RNAV 1                   | -                     |
| 004           | TF              | BULTI               | -        | 277(269.11)         | 20.3          | -              | +6 000        | -          | 36°43'22.3"N 126°49'29.7"E | -       | RNAV 1                   | -                     |

Change : Amended coordinate format.

**STANDARD DEPARTURE CHART  
INSTRUMENT (SID)**

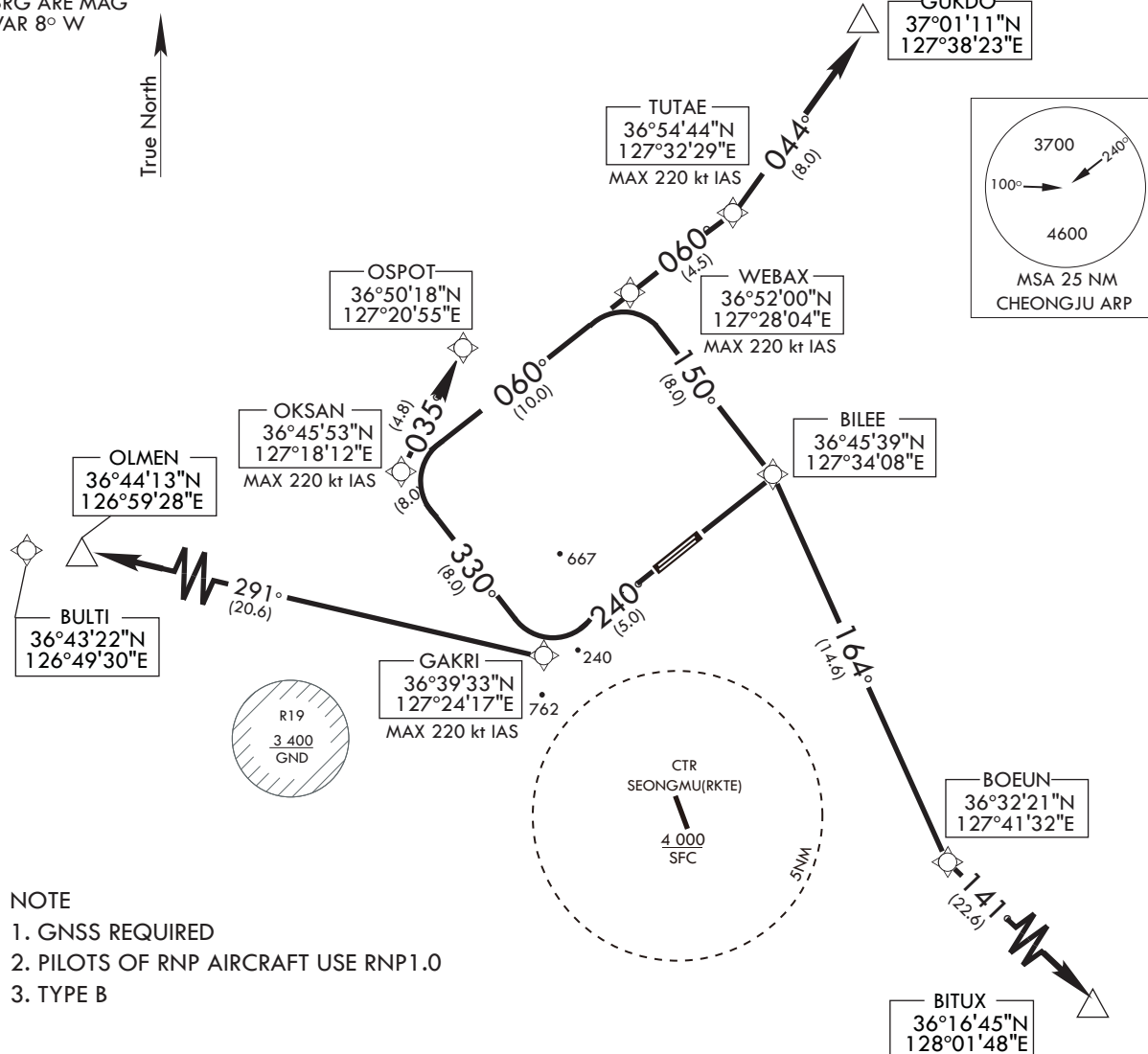
TRANSITION ALT 14 000  
TRANSITION LVL FL 140

JUNGWON DEP 129.65 292.9  
CHEONGJU TWR 118.7 249.6  
126.2 236.6

**CHEONGJU/Cheongju INTL  
RWY 24R  
RNAV(GNSS)-GAKRI 1**

Note : Departure under U.S. TERPS.

ELEV, ALT IN FEET  
DIST IN NM  
BRG ARE MAG  
VAR 8° W



- NOTE
1. GNSS REQUIRED
  2. PILOTS OF RNP AIRCRAFT USE RNP1.0
  3. TYPE B

NOT TO SCALE

**DEPARTURE PROCEDURE ROUTE DESCRIPTION**

**TAKE OFF MINIMA** : RWY 24R- STANDARD WITH ATC CLIMB OF 310 ft/NM TO 8 000 ft.

**TAKE OFF RWY 24R** : CLIMB ON 240DEG COURSE TO GAKRI, THENCE.....

..... VIA(TRANSITION). MAINTAIN 6 000 ft, EXPECTED FILED ALTITUDE 5 MINUTES  
AFTER DEPARTURE.

**GUOKDO TRANSITION (GAKRI 1. GUOKDO)** : ..... 330DEG TRACK TO OLSAN, THEN VIA 060DEG TRACK TO TUTAE,  
THEN VIA 044DEG TRACK TO GUOKDO.

**OSPOT TRANSITION (GAKRI 1. OSPOT)** : ..... 330DEG TRACK TO OLSAN, THEN VIA 035DEG TRACK TO OSPOT.

**OLMEN/BULTI TRANSITION (GAKRI 1. OLMEN/BULTI)** : ..... 291DEG TRACK TO OLMEN/BULTI, CROSS OLMEN/BULTI  
AT OR ABOVE 8 000 ft.

**BITUX TRANSITION (GAKRI 1. BITUX)** : ..... 330DEG TRACK TO OLSAN, THEN VIA 060DEG TRACK TO  
WEBAX, THEN VIA 150DEG TRACK TO BILEE, THEN VIA 164DEG  
TRACK TO BOEUN, THEN VIA 141DEG TRACK TO BITUX.

Change : Withdrawal of A815.

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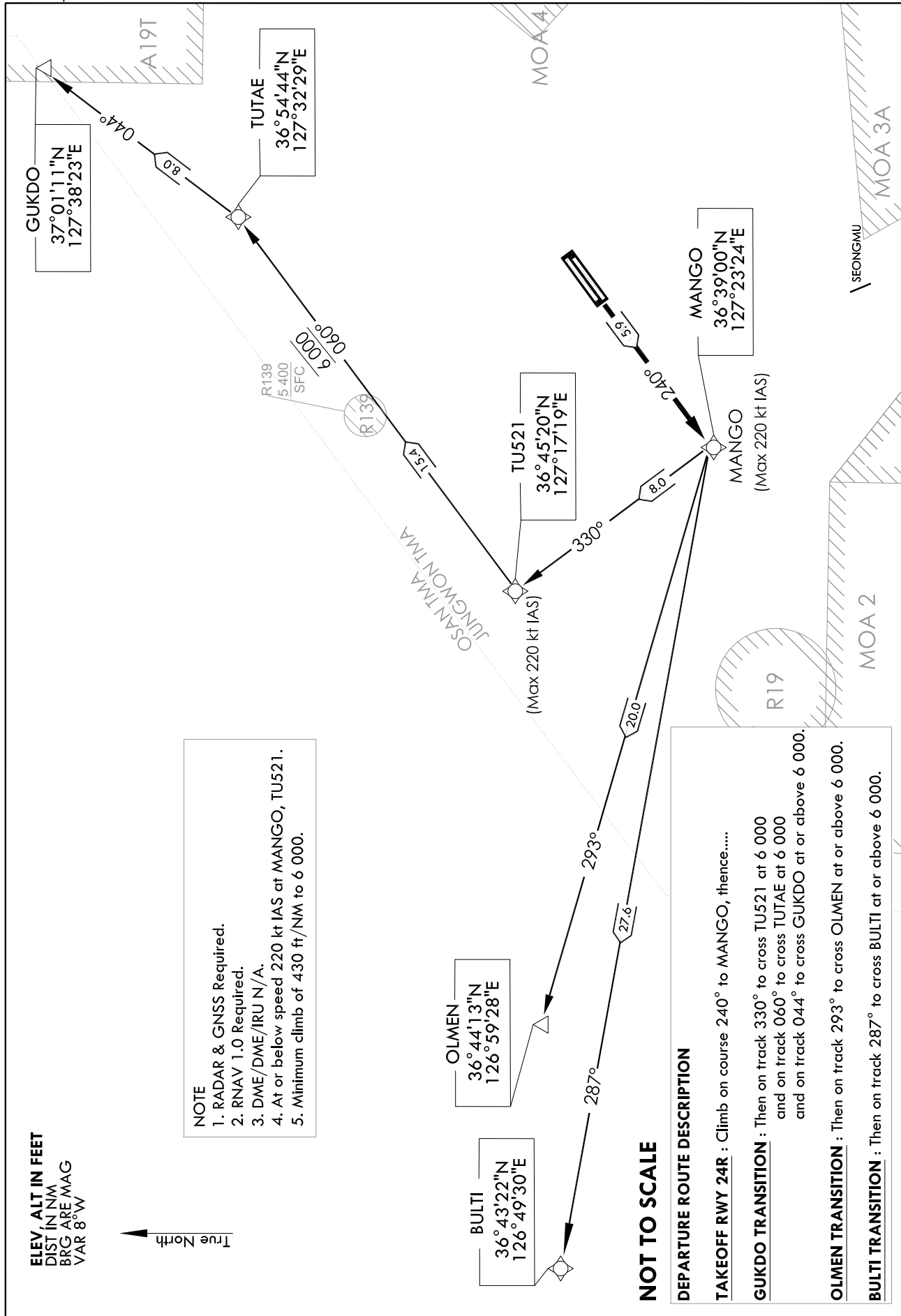
STANDARD DEPARTURE CHART  
INSTRUMENT (SID) - ICAO

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

JUNGWON DEP 129.65  
CHEONGJU TWR 118.7 126.2

CHEONGJU/Cheongju INTL  
RWY 24R  
RNAV(GNSS)-MANGO 1

Note : Departure under U.S. TERPS.



Change : Amended coordinate format.

CHEONGJU/Cheongju INTL(RKTU)

RWY 24R

RNAV MANGO 1

## AERONAUTICAL DATA TABULATION

## Standard Instrument Departure Procedure Coding Tables

RNAV MANGO 1 - GUKDO Transition

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track<br>°M(°T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates                | VPA/TCH | Navigation specification | Remarks               |
|---------------|-----------------|---------------------|----------|------------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|-----------------------|
| 001           | CF              | MANGO               | -        | 240(232.4)             | 5.9           | -              | -             | -220       | 36°38'59.7"N 127°23'23.8"E | -       | RNAV 1                   | CG 430 ft/NM to 6 000 |
| 002           | TF              | TU521               | -        | 330(322.34)            | 8.0           | -              | @6 000        | -220       | 36°45'19.8"N 127°17'19.1"E | -       | RNAV 1                   | CG 430 ft/NM to 6 000 |
| 003           | TF              | TUTAE               | -        | 060(052.27)            | 15.38         | -              | @6 000        | -          | 36°54'44.4"N 127°32'29.4"E | -       | RNAV 1                   | -                     |
| 004           | TF              | GUKDO               | -        | 044(036.24)            | 7.98          | -              | +6 000        | -          | 37°01'10.9"N 127°38'22.9"E | -       | RNAV 1                   | -                     |

RNAV MANGO 1 - OLMEN Transition

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track<br>°M(°T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates                | VPA/TCH | Navigation specification | Remarks               |
|---------------|-----------------|---------------------|----------|------------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|-----------------------|
| 001           | CF              | MANGO               | -        | 240(232.4)             | 5.9           | -              | -             | -220       | 36°38'59.7"N 127°23'23.8"E | -       | RNAV 1                   | CG 430 ft/NM to 6 000 |
| 002           | TF              | OLMEN               | -        | 293(285.29)            | 19.95         | -              | +6 000        | -          | 36°44'13.4"N 126°59'27.6"E | -       | RNAV 1                   | CG 430 ft/NM to 6 000 |

RNAV MANGO 1 - BULTI Transition

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track<br>°M(°T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates                | VPA/TCH | Navigation specification | Remarks               |
|---------------|-----------------|---------------------|----------|------------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|-----------------------|
| 001           | CF              | MANGO               | -        | 240(232.4)             | 5.9           | -              | -             | -220       | 36°38'59.7"N 127°23'23.8"E | -       | RNAV 1                   | CG 430 ft/NM to 6 000 |
| 002           | TF              | BULTI               | -        | 287(279.28)            | 27.62         | -              | +6 000        | -          | 36°43'22.3"N 126°49'29.7"E | -       | RNAV 1                   | CG 430 ft/NM to 6 000 |

Change : Amended coordinate format.



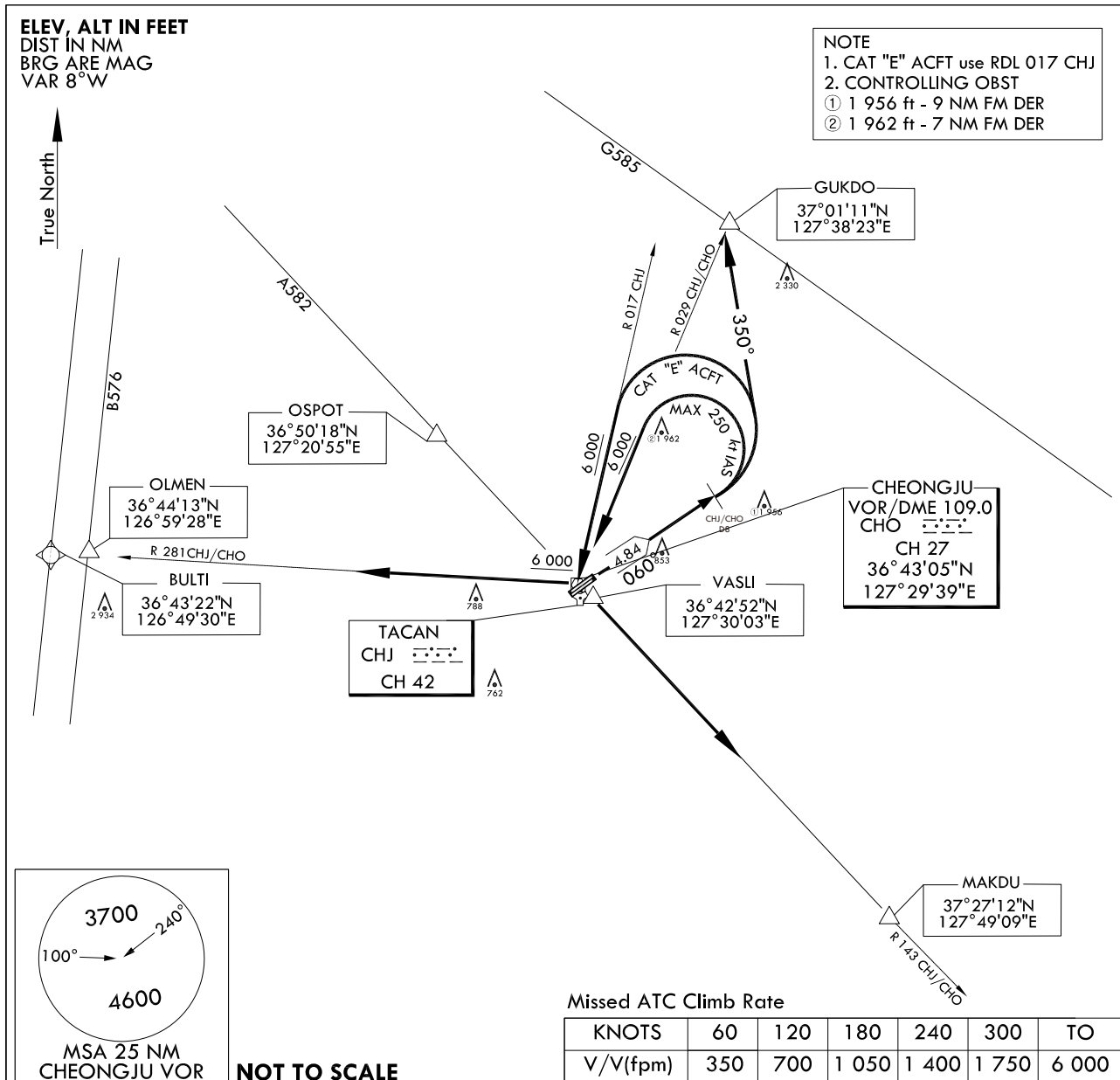
**STANDARD DEPARTURE CHART  
INSTRUMENT (SID) - ICAO**

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

JUNGWON DEP 129.65 239.4  
CHEONGJU TWR 118.7 126.2

**CHEONGJU/Cheongju INTL(RKTU)**  
RWY 06L/R  
CHEONGJU 7

Note : Departure under U.S TERPS.



**DEPARTURE PROCEDURE DESCRIPTION**

**CHEONGJU 7 DEPARTURE**

RWY 06L/R : Climb HDG 060° to CHJ/CHO 8 DME, then left turn thence.....

**GUKDO transition**

: Turn left HDG 350° for interception R 029 CHJ/CHO, then track outbound R 029 CHJ/CHO to GUKDO maintain 8 000 ft or assigned altitude by ATC.

**MAKDU transition**

: Turn left for interception R 017 CHJ/R 029 CHO to CHJ/CHO and at or above 6 000 ft, then track outbound R 143 CHJ/CHO to MAKDU maintain 8 000 ft or assigned altitude by ATC.

**OLMEN/BULTI transition**

: Turn left for interception R 017 CHJ/R 029 CHO to CHJ/CHO and at or above 6 000 ft, then track outbound R 281 CHJ/CHO to OLMEN/BULTI maintain 7 000 ft or assigned altitude by ATC.

Change : Amended coordinate and radial format.

**INTENTIONALLY**

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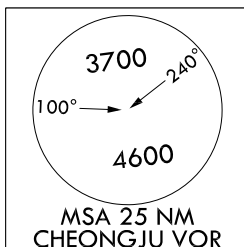
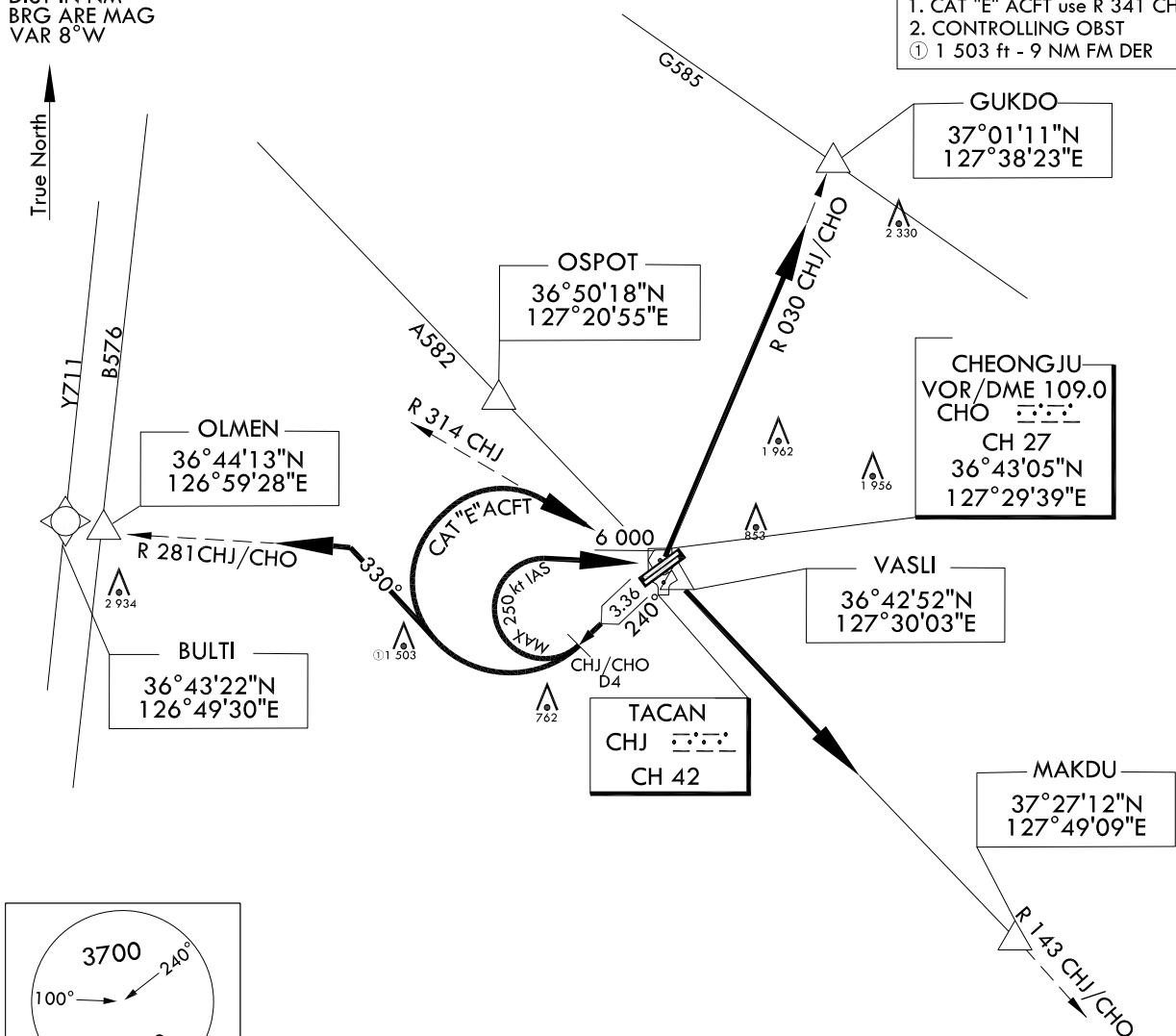
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|-----------------------|--------------------------|
| TRANSITION ALT 14 000 | JUNGWON DEP 129.65 239.4 |
| TRANSITION LVL FL 140 | CHEONGJU TWR 118.7 126.2 |

**CHEONGJU/Cheongju INTL(RKTU)**  
**RWY 24L/R**  
**CHEONGJU 8**

**ELEV, ALT IN FEET**  
**DIST IN NM**  
**BRG ARE MAG**  
**VAR 8°W**

NOTE  
1. CAT "E" ACFT use R 341 CHJ  
2. CONTROLLING OBST  
① 1 503 ft - 9 NM FM DER



**NOT TO SCALE**

| Missed ATC Climb Rate |     |     |       |       |       |       |
|-----------------------|-----|-----|-------|-------|-------|-------|
| KNOTS                 | 60  | 120 | 180   | 240   | 300   | TO    |
| V/V(fpm)              | 450 | 900 | 1 350 | 1 800 | 2 250 | 6 000 |

## CHEONGJU 8 DEPARTURE

**RWY 24L/R : Climb HDG 240° to CHJ/CHO 4 DME, then right turn for the following routes.**

**GUUKDO transition** : Turn right for interception R 341 CHJ/R 281 CHO to CHJ/CHO  
and at or above 6 000 ft,  
then track outbound R 029 CHJ/CHO to GUUKDO maintain 8 000 ft  
or assigned altitude by ATC.

**MAKDU transition** : Turn right for interception R 314 CHJ/R 281 CHO to CHJ/CHO and at or above 6 000 ft, then track outbound R 143 CHJ/CHO to MAKDU maintain 8 000 ft or assigned altitude by ATC.

**OLMEN/BULTI transition** : Turn right HDG 330° for interception R 281 CHJ/CHO, then track outbound R 281 CHJ/CHO to OLMEN/BULTI maintain 8 000 ft or assigned altitude by ATC.

Change : Amended coordinate and radial format.

**INTENTIONALLY**

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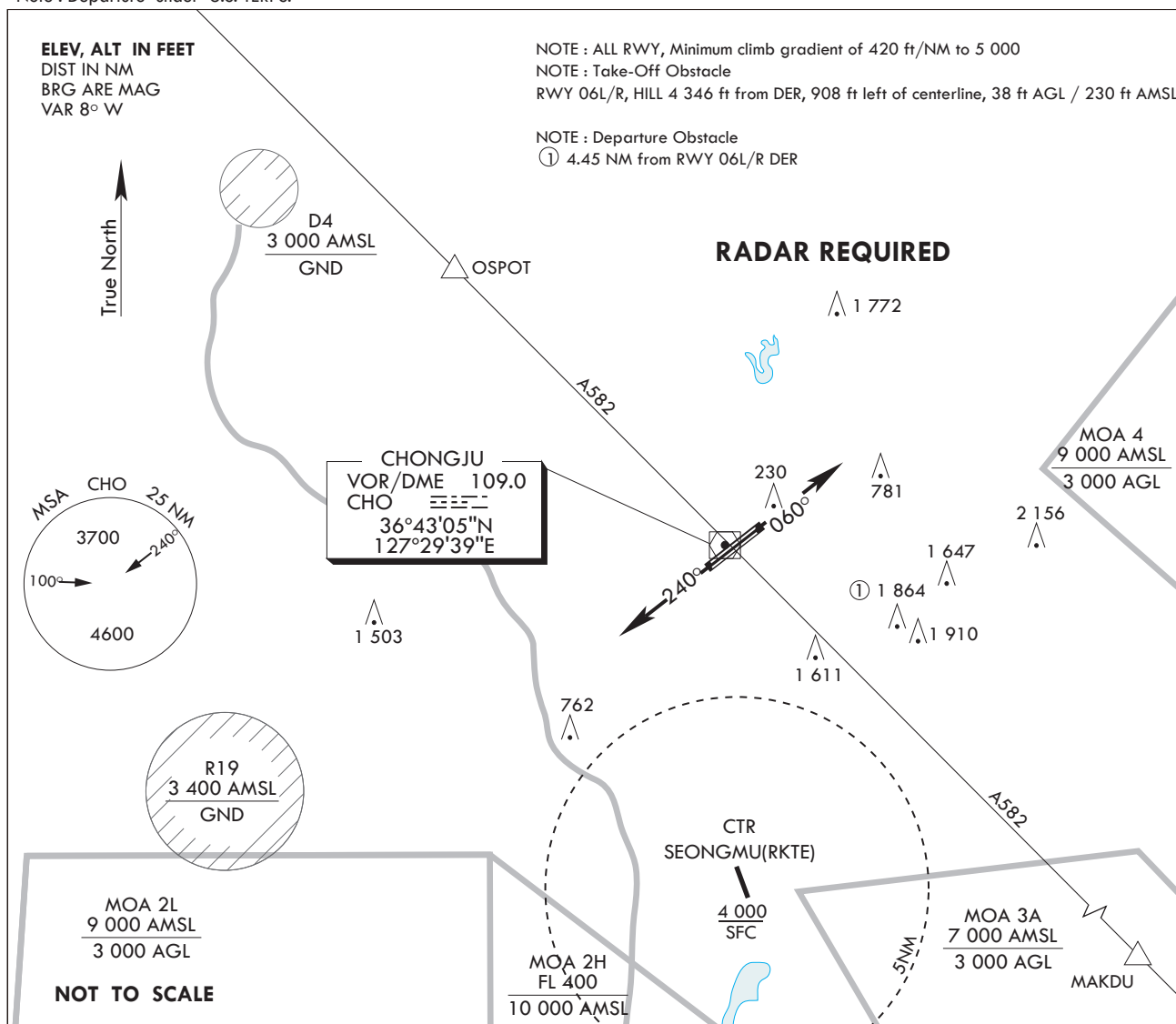
**STANDARD DEPARTURE CHART -  
INSTRUMENT (SID)**

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

JUNGWON DEP 129.65 292.9  
CHEONGJU TWR 118.7 249.6  
126.2 236.6

**CHEONGJU/Cheongju INTL**  
**RWY 06L/24R**  
**CHEONGJU 1D**

Note : Departure under U.S. TERPS.



**DEPARTURE PROCEDURE DESCRIPTION**

NOTE : ALL RWY, Minimum climb gradient of 420 ft/NM to 5 000

TAKEOFF RWY 06R/L : Climb HDG 060°, Thence.....

TAKEOFF RWY 24R/L : Climb HDG 240°, Thence.....

.....Expect radar vectors to intercept filed Enroute fix or Navaid.  
Maintain 6 000 or assigned altitude(flight level).  
Expect filed altitude/flight level within 10minutes after departure.

LOST COMMUNICATIONS : If radio contact is not established with departure control  
prior to reaching 5 000, Continue climbing and proceed filed route  
and altitude.

Change : Amended coordinate format.

**INTENTIONALLY**

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