

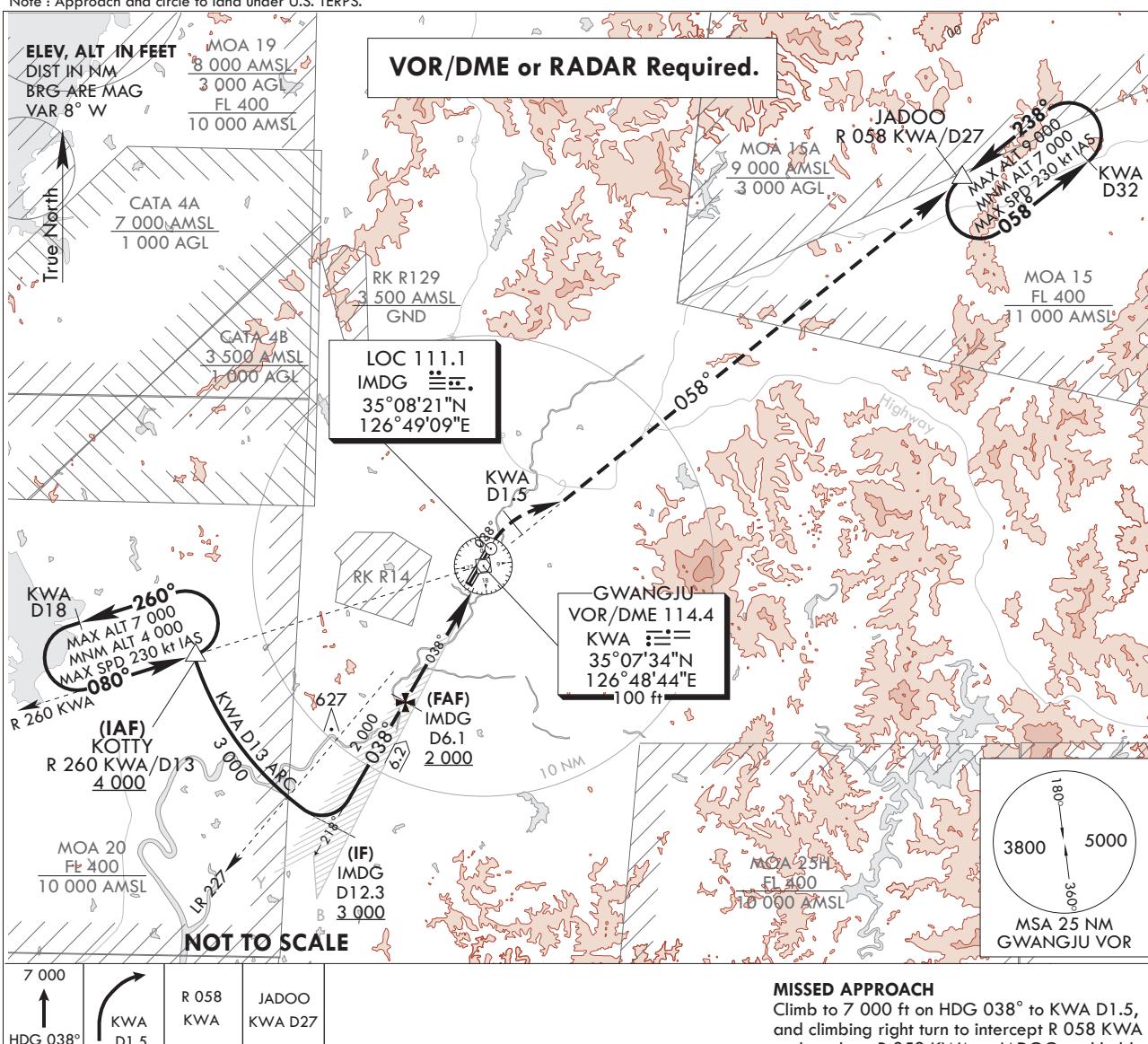
INSTRUMENT
APPROACH
CHART

Note : Approach and circle to land under U.S. TERPS.

AERODROME ELEV 48 ft
HEIGHTS RELATE TO
THR RWY 04R - ELEV 43 ft
HIGHEST ELEV TDZ 46 ft

| | |
|-------------|--------|
| GWANGJU APP | 130.0 |
| | 228.9 |
| GWANGJU TWR | 118.05 |
| | 254.6 |

GWANGJU/Gwangju(RKJJ)
ILS/DME RWY 04R

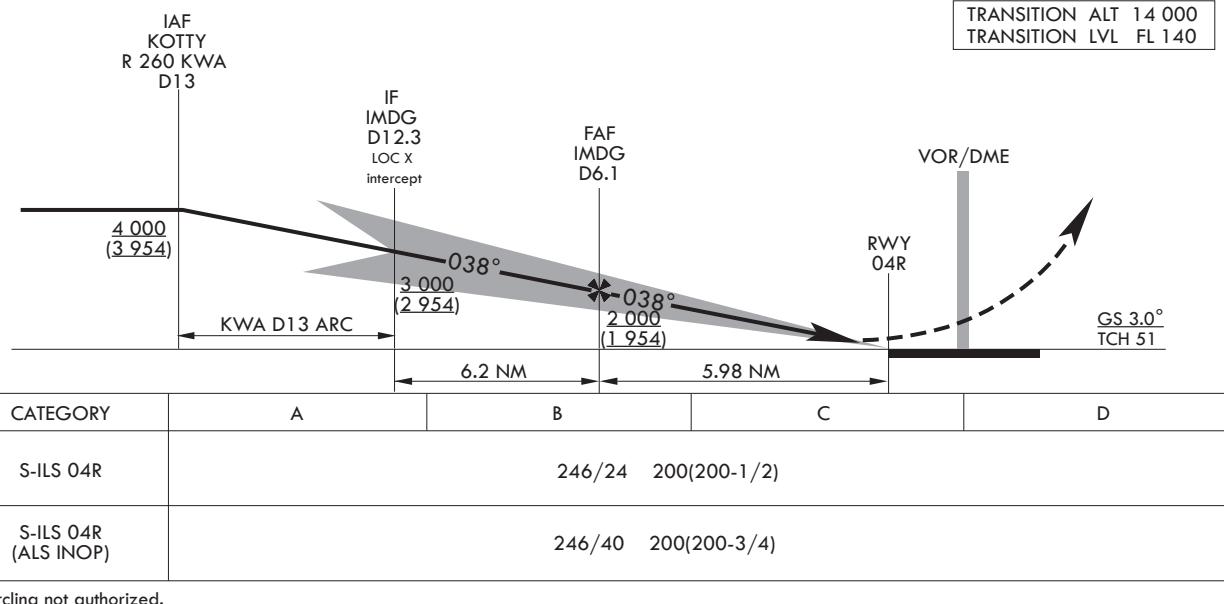


Use IMDG DME when on the LOC course.

MISSED APPROACH

Climb to 7 000 ft on HDG 038° to KWA D1.5, and climbing right turn to intercept R 058 KWA and track on R 058 KWA to JADOO and hold, continue climb-in-hold to 7 000 ft.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



* Circling not authorized.

Change : Page control.

INTENTIONALLY

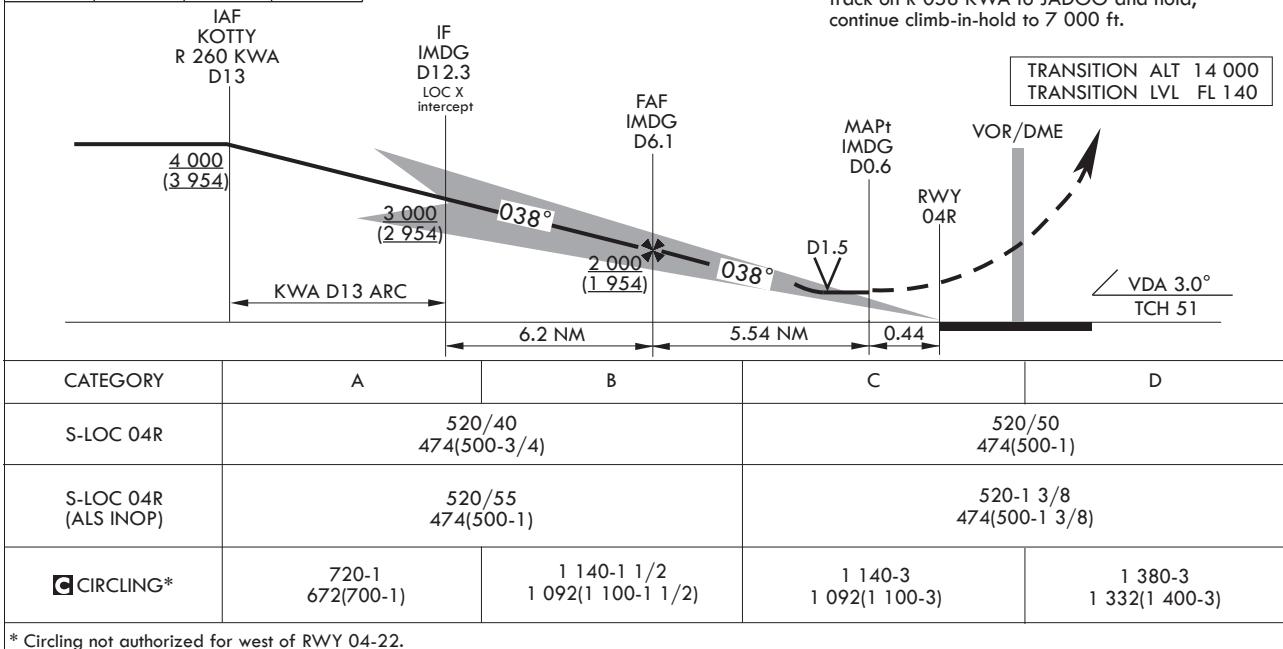
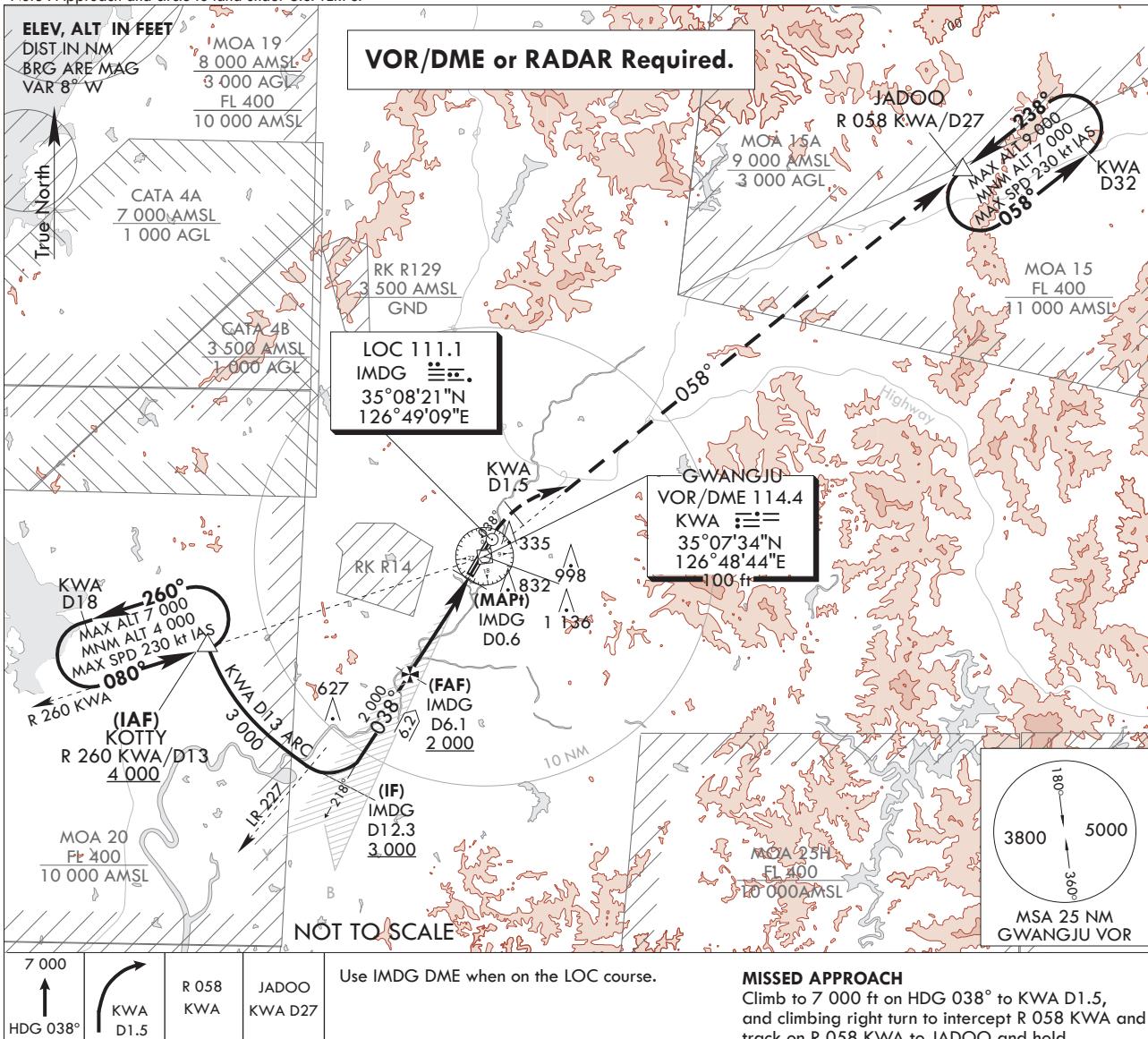
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**INSTRUMENT
APPROACH
CHART**
AERODROME ELEV 48 ft
 HEIGHTS RELATE TO
 THR RWY 04R - ELEV 43 ft
 HIGHEST ELEV TDZ 46 ft

 GWANGJU APP 130.0
 228.9
 GWANGJU TWR 118.05
 254.6

Note : Approach and circle to land under U.S. TERPS.



Change : Page control.

INTENTIONALLY

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INSTRUMENT
APPROACH
CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04R - ELEV 43 ft
HIGHEST ELEV TDZ 46 ft

GWANGJU APP 130.0
228.9
GWANGJU TWR 118.05
254.6

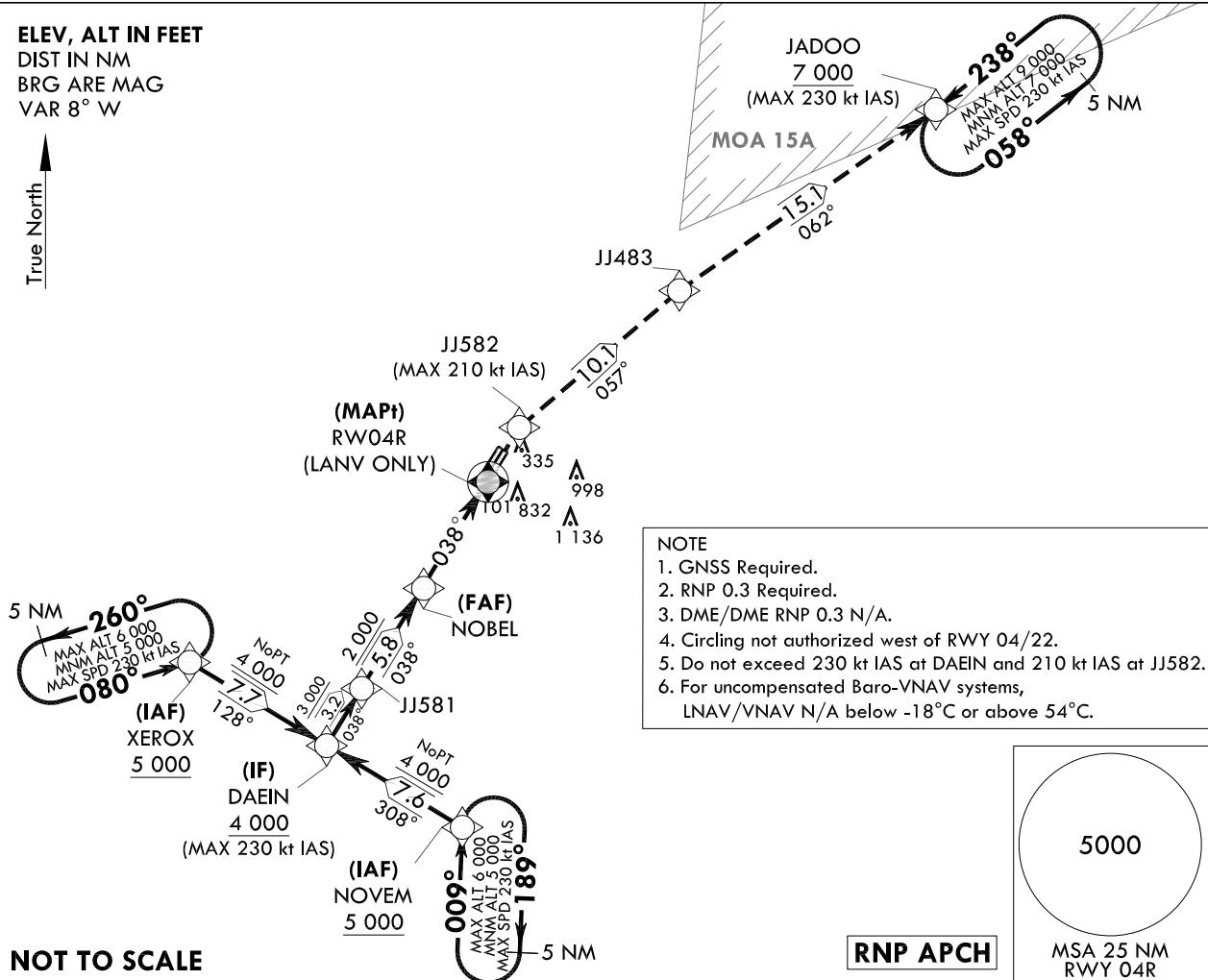
GWANGJU/Gwangju(RKJJ)
RNP RWY 04R

Note : Approach and circle to land under U.S. TERPS.

ELEV, ALT IN FEET

DIST IN NM
BRG ARE MAG
VAR 8° W

True North

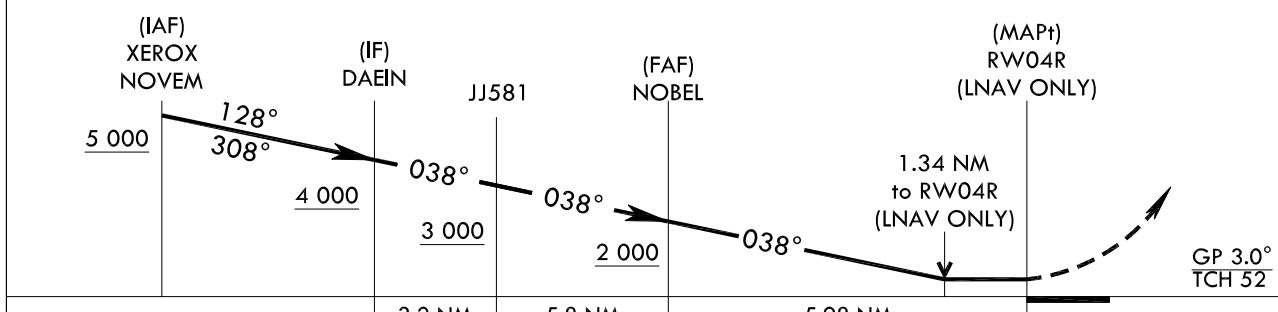


| | | | | | |
|-------|-------|------------|-------|------------|----------------|
| 7 000 | JJ582 | TR 057° | JJ483 | TR 062° | JADOO 7 000 |
|-------|-------|------------|-------|------------|----------------|

MISSSED APPROACH

Climb to 7 000 ft on direct to JJ582 and track 057° to JJ483 and track 062° to JADOO and hold, continue climb-in-hold to 7 000 ft.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



| CATEGORY | | A | B | C | D |
|--------------|----------|-----------------------------|-----------------------------------|---------------------------|---------------------------|
| LNAV/VNAV DA | ALS | | 319/24 | 273(300-1/2) | |
| | ALS INOP | | 319/45 | 273(300-7/8) | |
| LNAV MDA | ALS | | 520/55 | 474(500-1) | |
| | ALS INOP | | 520-1 3/8 | 474(500-1 3/8) | |
| C CIRCLING | | 720-1 3/8 672(700-1 3/8) | 1 140-1 1/2 1 092(1 100-1 1/2) | 1 140-3 1 092(1 100-3) | 1 380-3 1 332(1 400-3) |

GWANGJU/Gwangju(RKJJ)
RNP RWY 04R

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 04R - via XEROX to DAEIN(IF)

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|----------|--------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|------------|
| 001 | IF | XEROX | - | - | - | - | +5 000 | -230 | 34°57'41.4"N 126°30'53.8"E | - | RNP ARCH | IAF |
| 002 | TF | DAEIN | - | 128 (119.8) | 7.7 | - | +4 000 | -230 | 34°53'51.4"N 126°39'01.7"E | - | RNP ARCH | IF NoPT |

RNP RWY 04R - via NOVEM to DAEIN(IF)

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|----------|--------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|---------|
| 001 | TF | DAEIN | - | - | - | - | +4 000 | -230 | 34°53'51.4"N 126°39'01.7"E | - | RNP ARCH | IF |
| 002 | TF | NOVEM | - | - | - | - | +5 000 | -230 | 34°50'04.0"N 126°47'02.3"E | - | RNP ARCH | IAF |

RNP RWY 04R - via DAEIN(IF) to MAHF

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|----------|--------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|------------------|
| 001 | TF | DAEIN | - | - | - | - | +4 000 | -230 | 34°53'51.4"N 126°39'01.7"E | - | RNP ARCH | IF |
| 002 | TF | JJ581 | - | 038 (29.8) | 3.2 | - | +3 000 | - | 34°56'38.2"N 126°40'57.9"E | - | RNP ARCH | - |
| 003 | TF | NOBEL | - | 038 (29.9) | 5.8 | - | +2 000 | - | 35°01'41.5"N 126°44'29.5"E | -3.0/52 | RNP ARCH | FAF |
| 004 | TF | RW04R | Y | 038 (29.9) | 6.0 | - | - | - | 35°06'53.1"N 126°48'07.4"E | - | RNP ARCH | MAP LNAV ONLY |
| 005 | DF | JJ582 | - | - | - | - | - | -210 | 35°09'21.0"N 126°49'51.1"E | - | RNP ARCH | - |
| 006 | TF | JJ483 | - | 057 (48.2) | 10.1 | - | - | - | 35°16'05.6"N 126°59'03.3"E | - | RNP ARCH | - |
| 007 | TF | JADOO | - | 062 (53.6) | 15.1 | - | +7 000 | -230 | 35°25'02.6"N 127°13'54.1"E | - | RNP ARCH | - |

HOLDING PROCEDURE

| Holding Identification | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|------------------------|-----------------|---------------------|----------|--------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|---------|
| | HM | NOVEM | - | 009 (000.6) | 5.0 | R | -6 000 | -230 | 34°50'04.0"N 126°47'02.3"E | - | RNAV 1 | - |
| RNP RWY 04R | HM | XEROX | - | 080 (07.6) | 5.0 | L | +5 000 | -230 | 34°57'41.4"N 126°30'53.8"E | - | RNAV 1 | - |
| | HM | JADOO | - | 238 (229.6) | 5.0 | L | -9 000 | +7 000 | 35°25'02.6"N 127°13'54.1"E | - | RNAV 1 | - |

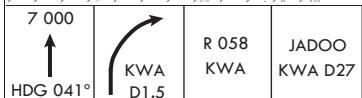
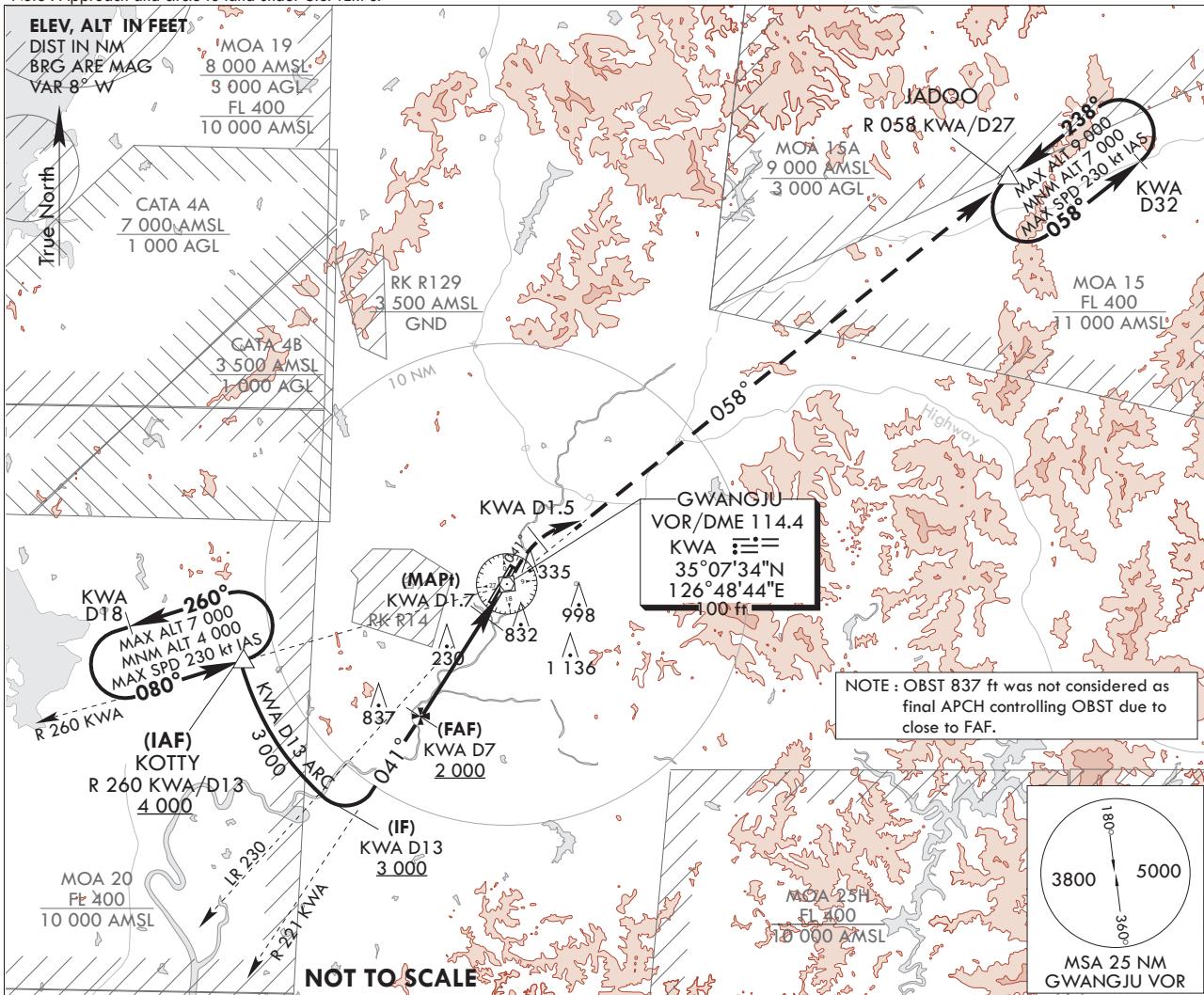
Change : Establishment of holding procedure.

**INSTRUMENT
APPROACH
CHART**
AERODROME ELEV 48 ft
 HEIGHTS RELATE TO
 THR RWY 04R - ELEV 43 ft
 HIGHEST ELEV TDZ 46 ft

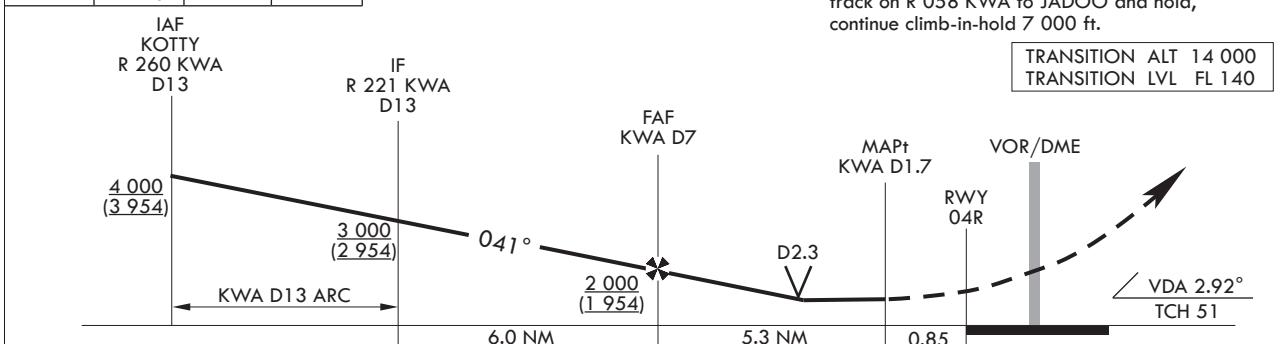
 GWANGJU APP 130.0
 228.9
 GWANGJU TWR 118.05
 254.6

**GWANGJU/Gwangju(RKJJ)
VOR/DME RWY 04R**

Note : Approach and circle to land under U.S. TERPS.


MISSSED APPROACH

Climb to 7 000 ft on HDG 041° to KWA D1.5, and climbing right turn to intercept R 058 KWA and track on R 058 KWA to JADOO and hold, continue climb-in-hold 7 000 ft.

 TRANSITION ALT 14 000
 TRANSITION LVL FL 140


| CATEGORY | A | B | C | D |
|-------------------------|------------------------|-----------------------------------|---------------------------|-----------------------------|
| S-VOR 04R | 560/40 514(600-3/4) | | | 560/55 514(600-1) |
| S-VOR 04R (ALS INOP) | 560/55 514(600-1) | | | 560-1 3/8 514(600-1 3/8) |
| C CIRCLING* | 720-1 672(700-1) | 1 140-1 1/2 1 092(1 100-1 1/2) | 1 140-3 1 092(1 100-3) | 1 380-3 1 332(1 400-3) |

* Circling not authorized for west of RWY 04-22.

Change : Page control.

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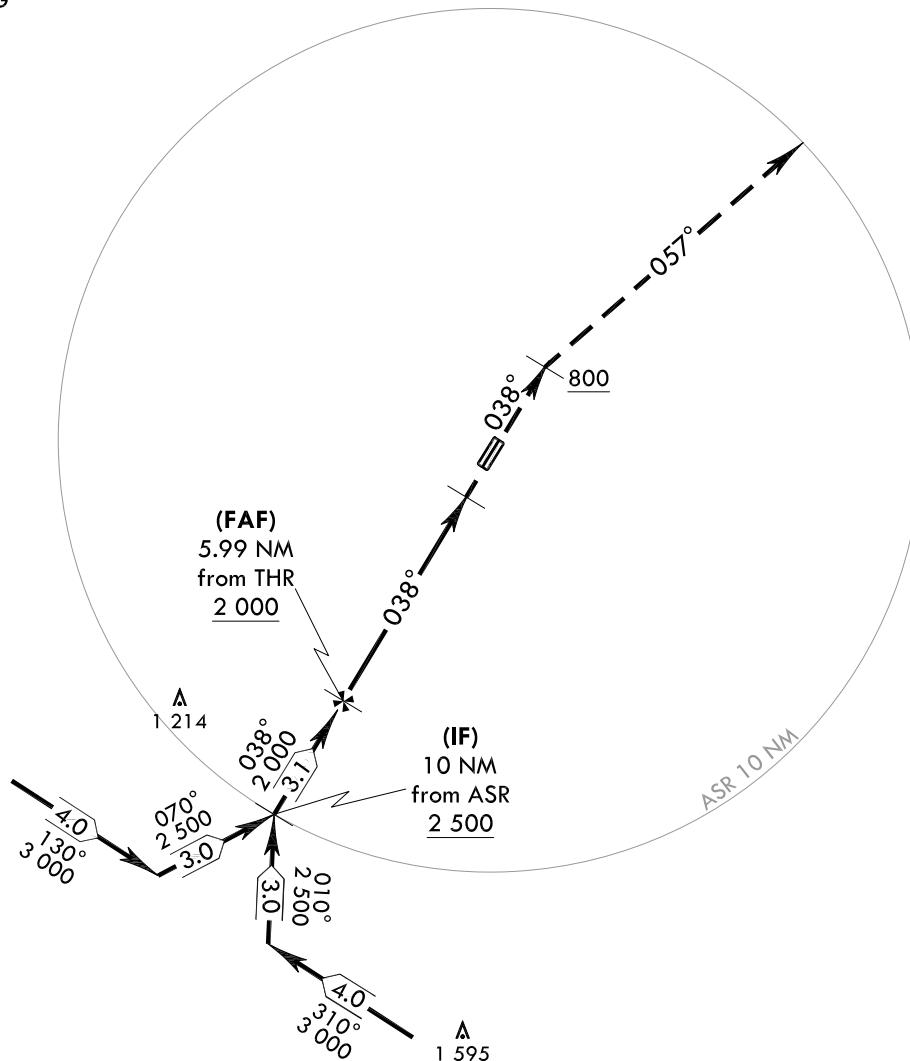
INSTRUMENT
APPROACH
CHARTAERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04R - ELEV 43 ft
HIGHEST ELEV TDZ 46 ftGWANGJU APP 130.0
228.9
GWANGJU TWR 118.05
254.6GWANGJU/Gwangju(RKJJ)
PAR RWY 04R

Note : Approach and circle to land under U.S. TERPS.

ELEV, ALT IN FEET

DIST IN NM
BRG ARE MAG
VAR 8° W

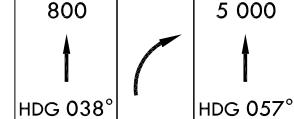
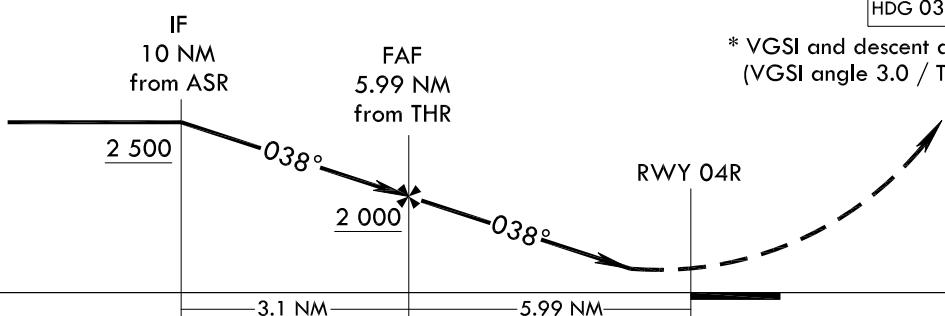
True North



NOT TO SCALE

MISSSED APPROACH

Climb HDG 038° to 800 ft, then climbing right turn HDG 057° maintain 5 000 ft and assigned HDG for radar vector.

TRANSITION ALT 14 000
TRANSITION LVL FL 140* VGSI and descent angle not coincident.
(VGSI angle 3.0 / TCH 51)

| CATEGORY | A | B | C | D | E |
|-------------------------|---|--------|--------------|---|---|
| S-PAR 04R | | 246/24 | 200(200-1/2) | | |
| S-PAR 04R (ALS INOP) | | 246/40 | 200(200-3/4) | | |

* Circling not authorized.

Change : Page control.

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INSTRUMENT
APPROACH
CHART

Note : Approach and circle to land under U.S. TERPS.

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04R - ELEV 43 ft
HIGHEST ELEV TDZ 46 ft

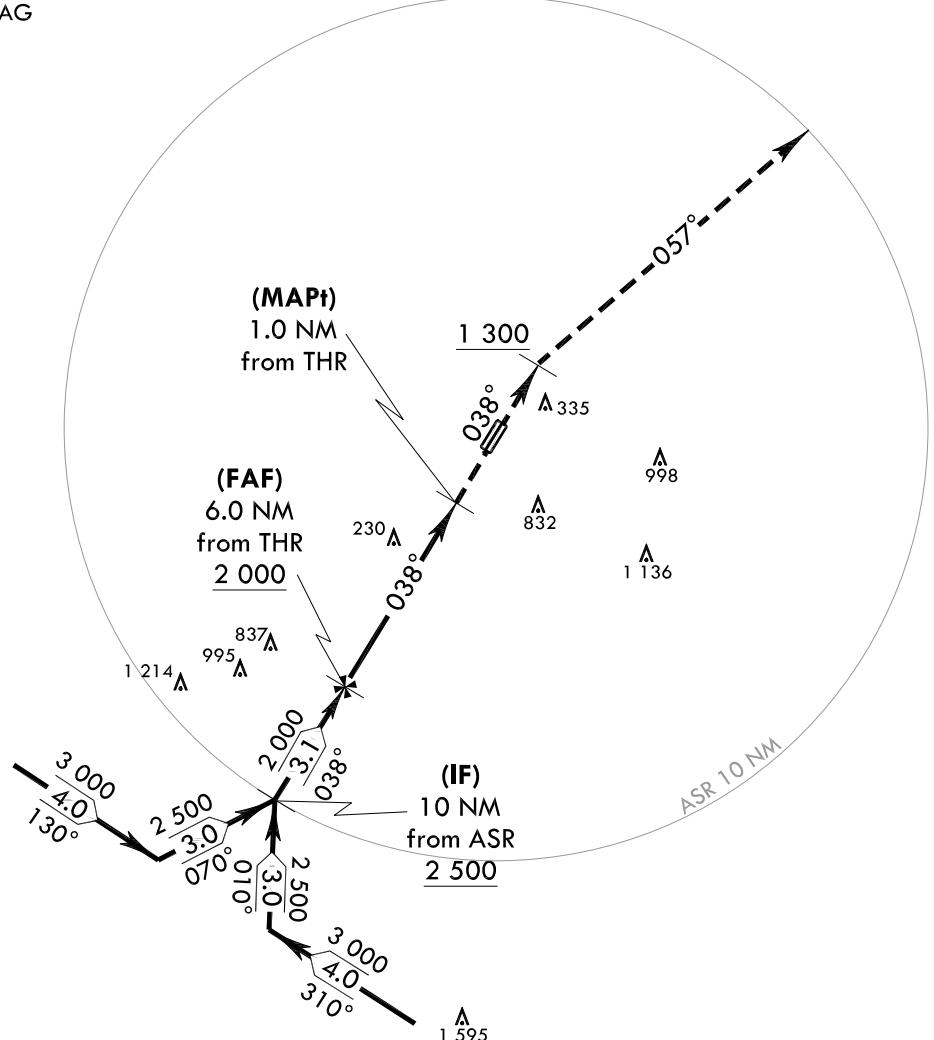
| | |
|-------------|--------|
| GWANGJU APP | 130.0 |
| | 228.9 |
| GWANGJU TWR | 118.05 |
| | 254.6 |

GWANGJU/Gwangju(RKJJ)
ASR RWY 04R

ELEV, ALT IN FEET

DIST IN NM
BRG ARE MAG
VAR 8° W

True North



NOTE :

OBST 837 ft was not considered as final APCH controlling OBST due to close to FAF.

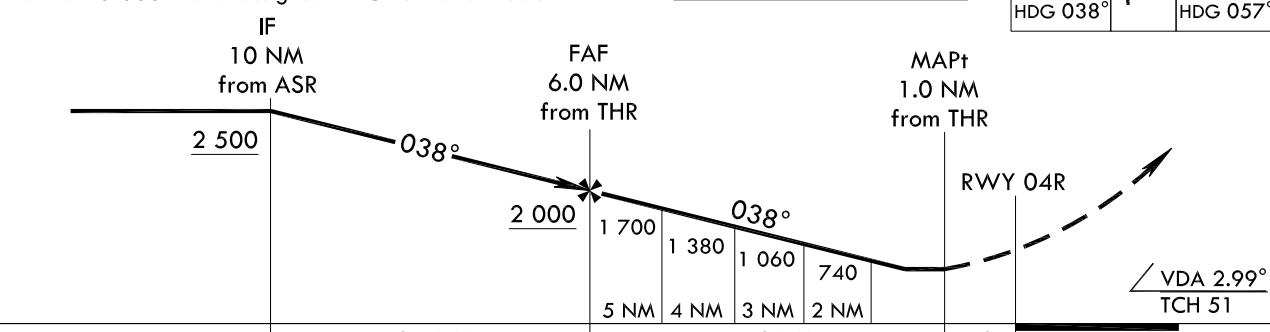
NOT TO SCALE

MISSED APPROACH

Climb HDG 038° to 1 300 ft, then climbing right turn HDG 057°
maintain 5 000 ft and assigned HDG for radar vector.

| | |
|----------------|--------|
| TRANSITION ALT | 14 000 |
| TRANSITION LVL | FL 140 |

| | |
|----------|----------|
| 1 300 | 5 000 |
| HDG 038° | HDG 057° |



| CATEGORY | A | B | C | D | E |
|-------------------------|-----------------------------|-----------------------------------|---------------------------|---------------------------|---------------------------|
| S-ASR 04R | 560/40 | 514(600-3/4) | | 560/55 | 514(600-1) |
| S-ASR 04R (ALS INOP) | 560/60 | 514(600-1 1/4) | | 560-1 3/8 | 514(600-1 3/8) |
| ⌚ CIRCLING* | 720-1 1/4 672(700-1 1/4) | 1 140-1 1/2 1 092(1 100-1 1/2) | 1 140-3 1 092(1 100-3) | 1 380-3 1 332(1 400-3) | 1 460-3 1 412(1 500-3) |

* Circling not authorized for west of RWY 04-22.

Change : Page control.

INTENTIONALLY

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INSTRUMENT
APPROACH
CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04L - ELEV 44 ft
HIGHEST ELEV TDZ 46 ft

GWANGJU APP 130.0
228.9
GWANGJU TWR 118.05
254.6

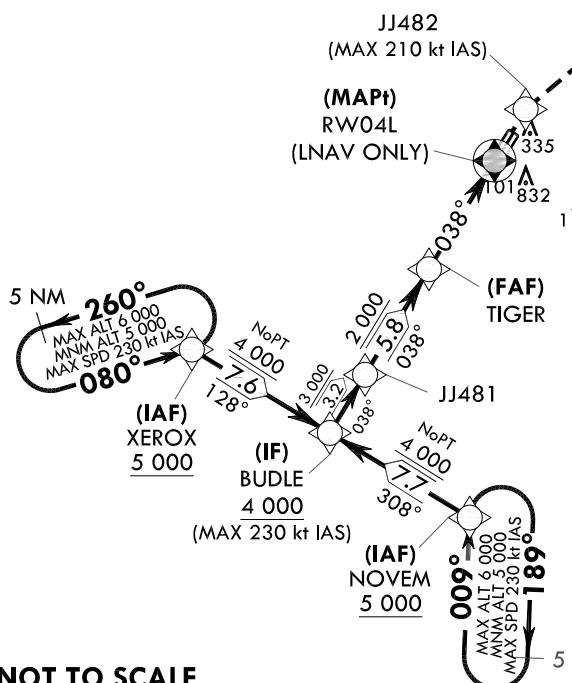
GWANGJU/Gwangju(RKJJ)
RNP RWY 04L

Note : Approach and circle to land under U.S. TERPS.

ELEV, ALT IN FEET

DIST IN NM
BRG ARE MAG
VAR 8° W

True North



NOT TO SCALE

RNP APCH

5000

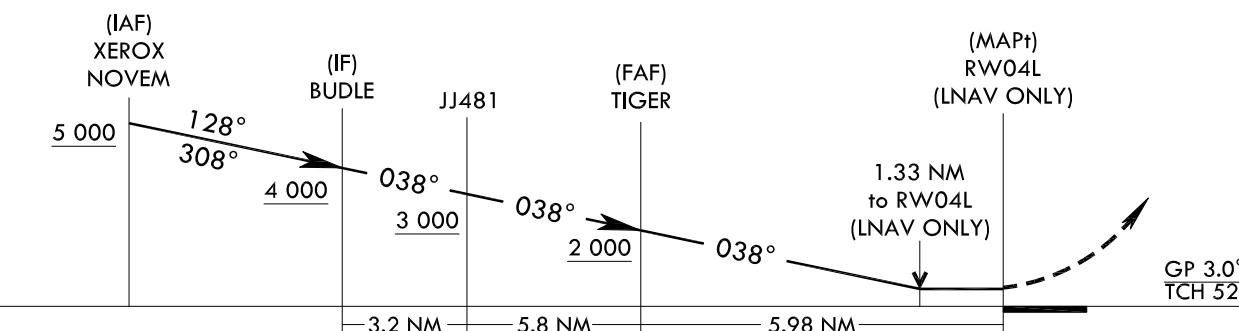
MSA 25 NM
RWY 04L

| | | | | | |
|-------|-------|------------|-------|------------|----------------|
| 7 000 | JJ482 | TR 057° | JJ483 | TR 062° | JADOO 7 000 |
|-------|-------|------------|-------|------------|----------------|

MISSED APPROACH

Climb to 7 000 ft on direct to JJ482 and track 057° to JJ483 and track 062° to JADOO and hold, continue climb-in-hold to 7 000 ft.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



| CATEGORY | | A | B | C | D |
|--------------|----------|-----------------------------|-----------------------------------|---------------------------|---------------------------|
| LNAV/VNAV DA | ALS | | 319/24 | 273(300-1/2) | |
| | ALS INOP | | 319/45 | 273(300-7/8) | |
| LNAV MDA | ALS | | 520/50 | 474(500-1) | |
| | ALS INOP | | 520-1 3/8 | 474(500-1 3/8) | |
| C CIRCLING | | 720-1 3/8 672(700-1 3/8) | 1 140-1 1/2 1 092(1 100-1 1/2) | 1 140-3 1 092(1 100-3) | 1 380-3 1 332(1 400-3) |

GWANGJU/Gwangju(RKJJ)
RNP RWY 04L

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 04L - via XEROX to BUDLE(IF)

| Serial Number | Path Descriptor | Waypoint Identifier | Fly- over | Course/Track $M(^{\circ})T$ | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/ TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|-----------|-----------------------------|---------------|----------------|---------------|------------|----------------------------|----------|--------------------------|------------|
| 001 | IF | XEROX | - | - | - | - | + 5 000 | -230 | 34°57'41.4"N 126°30'53.8"E | - | RNP APCH | IAF |
| 002 | TF | BUDLE | - | 128 (119.8) | 7.6 | - | + 4 000 | -230 | 34°53'54.5"N 126°38'55.1"E | - | RNP APCH | IF NoPT |

RNP RWY 04L - via NOVEM to BUDLE(IF)

| Serial Number | Path Descriptor | Waypoint Identifier | Fly- over | Course/Track $M(^{\circ})T$ | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/ TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|-----------|-----------------------------|---------------|----------------|---------------|------------|----------------------------|----------|--------------------------|------------|
| 001 | IF | NOVEM | - | - | - | - | + 5 000 | -230 | 34°50'04.0"N 126°47'02.3"E | - | RNP APCH | IAF |
| 002 | TF | BUDLE | - | 308 (299.9) | 7.7 | - | + 4 000 | -230 | 34°53'54.5"N 126°38'55.1"E | - | RNP APCH | IF NoPT |

RNP RWY 04L - via BUDLE(IF) to MAHF

| Serial Number | Path Descriptor | Waypoint Identifier | Fly- over | Course/Track $M(^{\circ})T$ | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/ TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|-----------|-----------------------------|---------------|----------------|---------------|------------|----------------------------|----------|--------------------------|-------------------|
| 001 | TF | BUDLE | - | - | - | - | + 4 000 | -230 | 34°53'54.5"N 126°38'55.1"E | - | RNP APCH | IF |
| 002 | TF | JJ481 | - | 038 (029.8) | 3.2 | - | + 3 000 | - | 34°56'41.3"N 126°40'51.3"E | - | RNP APCH | - |
| 003 | TF | TIGER | - | 038 (029.9) | 5.8 | - | + 2 000 | - | 35°01'44.8"N 126°44'23.0"E | -3.0/52 | RNP APCH | FAF |
| 004 | TF | RW04L | Y | 038 (029.9) | 6.0 | - | - | - | 35°06'56.2"N 126°48'00.8"E | - | RNP APCH | MAPt LNAV ONLY |
| 005 | DF | JJ482 | - | - | - | - | - | -210 | 35°09'23.8"N 126°49'44.2"E | - | RNP APCH | - |
| 005 | TF | JJ483 | - | 057 (048.7) | 10.2 | - | - | - | 35°16'05.6"N 126°59'03.3"E | - | RNP APCH | - |
| 006 | TF | JADOO | - | 062 (053.6) | 15.1 | - | + 7 000 | -230 | 35°25'02.6"N 127°1'354.1"E | - | RNP APCH | - |

HOLDING PROCEDURE

| Holding Identification | Path Descriptor | Waypoint Identifier | Fly- over | Course/Track $M(^{\circ})T$ | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/ TCH | Navigation specification | Remarks |
|------------------------|-----------------|---------------------|-----------|-----------------------------|---------------|----------------|------------------|------------|----------------------------|----------|--------------------------|---------|
| RNP RWY 04L | HM | NOVEM | - | 009 (000.6) | 5.0 | R | -6 000 +5 000 | -230 | 34°50'04.0"N 126°47'02.3"E | - | RNAV 1 | - |
| | HM | XEROX | - | 080 (071.6) | 5.0 | L | -6 000 +5 000 | -230 | 34°57'41.4"N 126°30'53.8"E | - | RNAV 1 | - |
| | HM | JADOO | - | 238 (229.6) | 5.0 | L | -9 000 +7 000 | -230 | 35°25'02.6"N 127°1'354.1"E | - | RNAV 1 | - |

Change : Establishment of holding procedure.

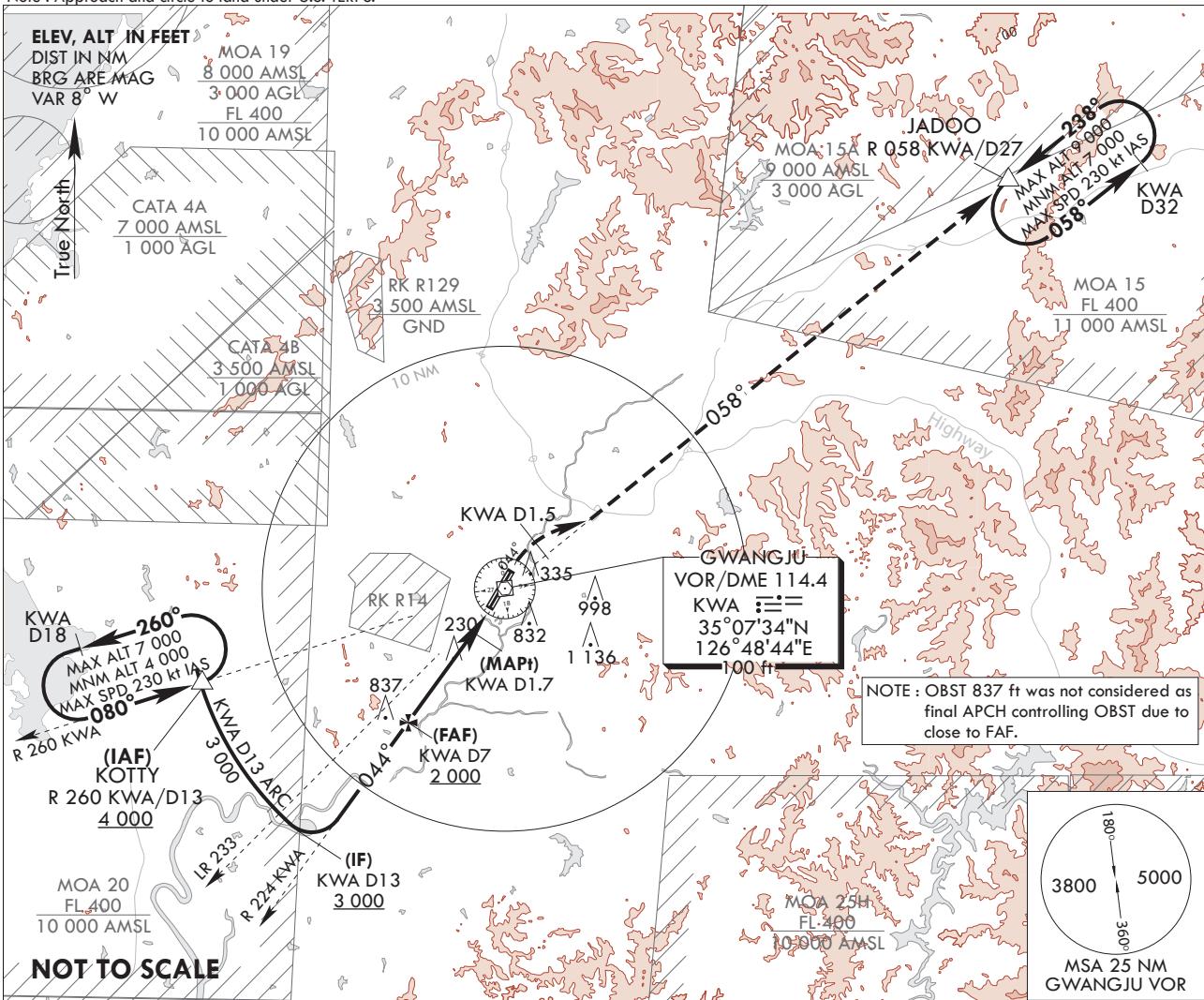
INSTRUMENT
APPROACH
CHART

AERODROME ELEV 48 ft
HEIGHTS RELATE TO
THR RWY 04L - ELEV 44 ft
HIGHEST ELEV TDZ 46 ft

| | |
|-------------|--------|
| GWANGJU APP | 130.0 |
| | 228.9 |
| GWANGJU TWR | 118.05 |
| | 254.6 |

GWANGJU/Gwangju(RKJJ)
VOR/DME RWY 04L

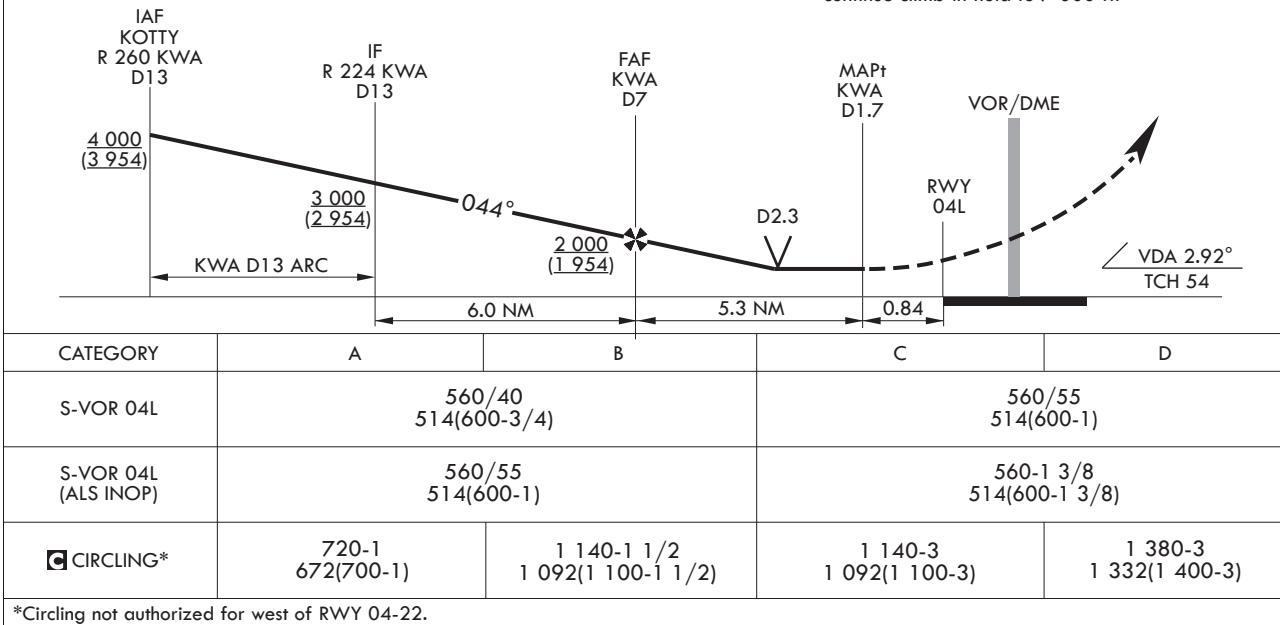
Note : Approach and circle to land under U.S. TERPS.



| | | | | |
|--|----------|----------|-----------|---------------|
| 7 000 | HDG 044° | KWA D1.5 | R 058 KWA | JADOO KWA D27 |
| TRANSITION ALT 14 000 TRANSITION LVL FL 140 | | | | |

MISSED APPROACH

Climb to 7 000 ft on HDG 044° to KWA D1.5, and climbing right turn to intercept R 058 KWA and track on R 058 KWA to JADOO and hold, continue climb-in-hold to 7 000 ft.



*Circling not authorized for west of RWY 04-22.

Change : Page control.

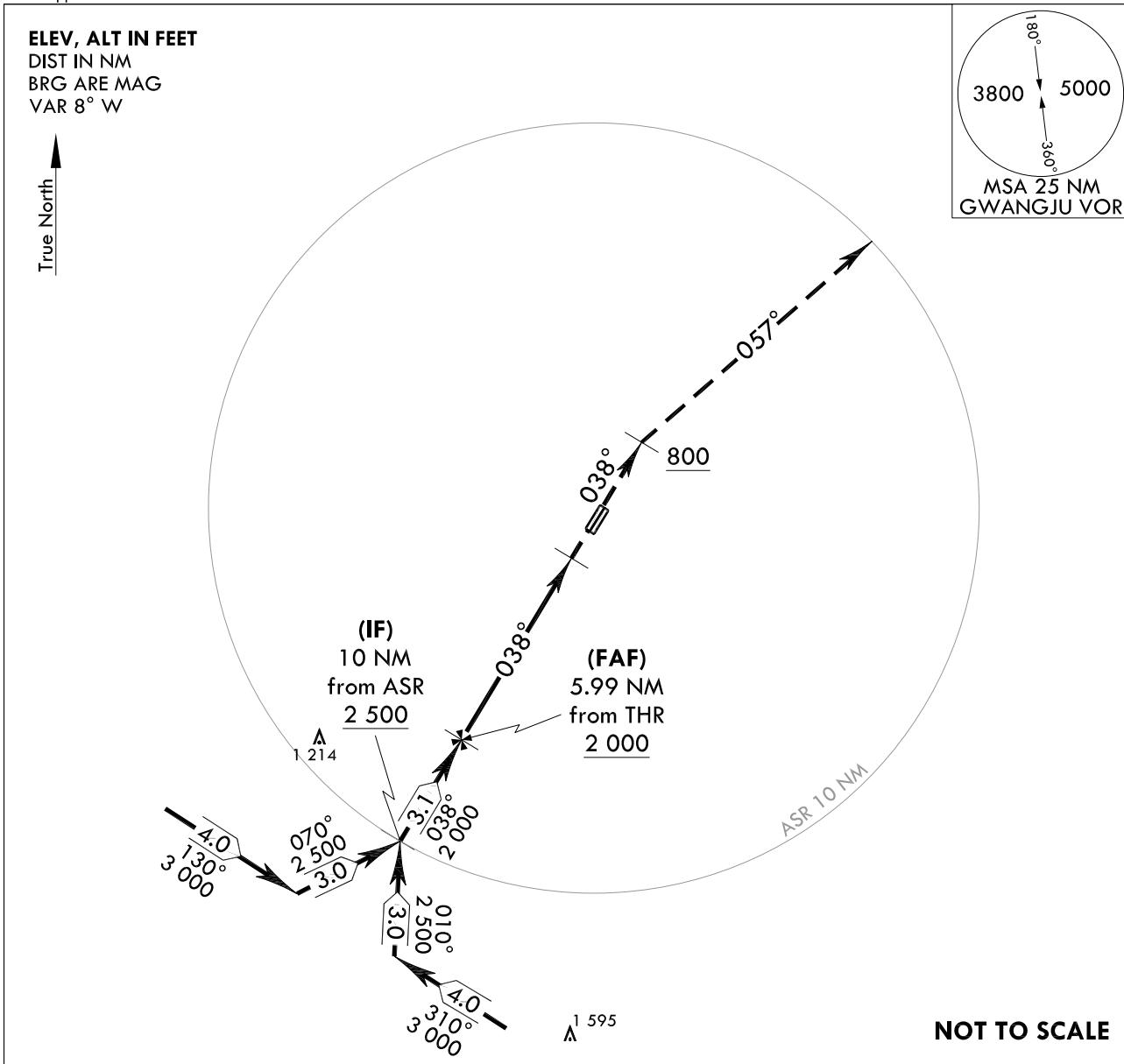
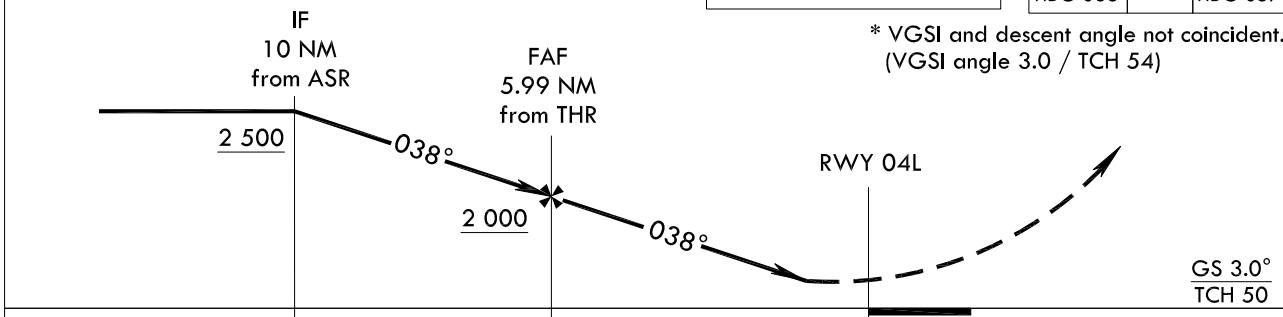
INTENTIONALLY

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INSTRUMENT
APPROACH
CHARTAERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04L - ELEV 44 ft
HIGHEST ELEV TDZ 46 ftGWANGJU APP 130.0
228.9
GWANGJU TWR 118.05
254.6GWANGJU/Gwangju(RKJJ)
PAR RWY 04L

Note : Approach and circle to land under U.S. TERPS.

**MISSED APPROACH**Climb HDG 038° to 800 ft, then climbing right turn HDG 057°
maintain 5 000 ft and assigned HDG for radar vector.TRANSITION ALT 14 000
TRANSITION LVL FL 140800 ↑ 5 000 ↑
HDG 038° HDG 057°* VGSI and descent angle not coincident.
(VGSI angle 3.0 / TCH 54)

| CATEGORY | A | B | C | D | E |
|-------------------------|---|--------|--------------|---|---|
| S-PAR 04L | | 246/24 | 200(200-1/2) | | |
| S-PAR 04L (ALS INOP) | | 246/40 | 200(200-3/4) | | |

* Circling not authorized.

Change : Page control.

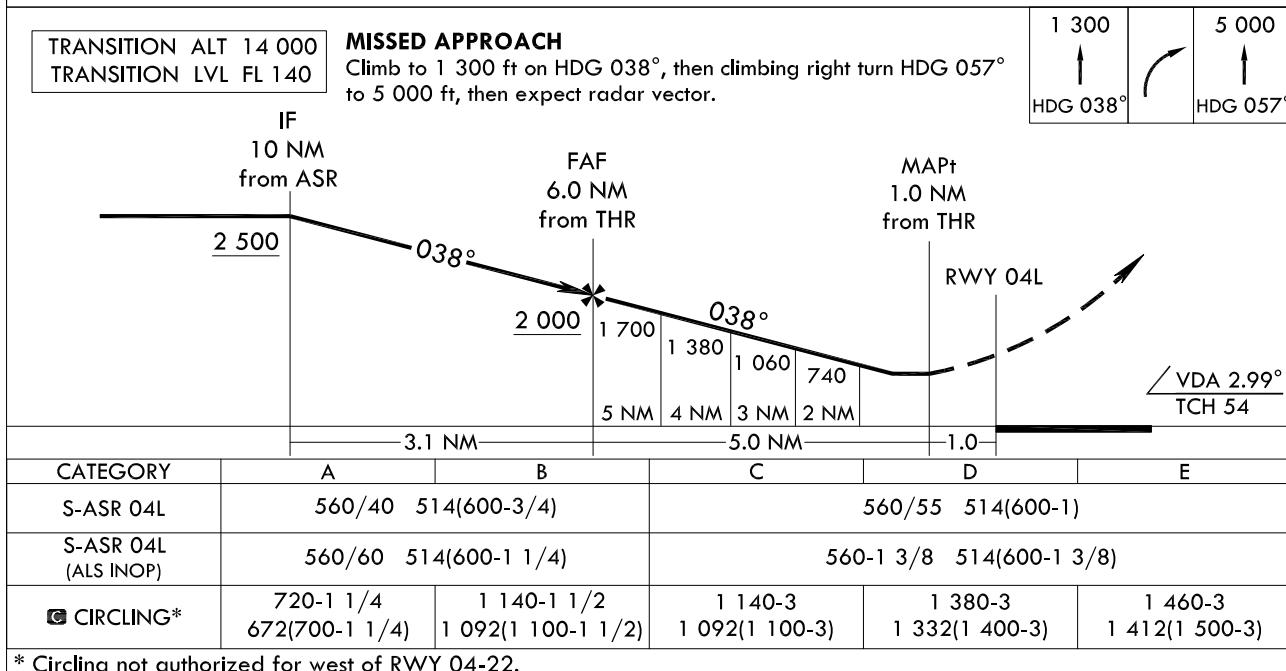
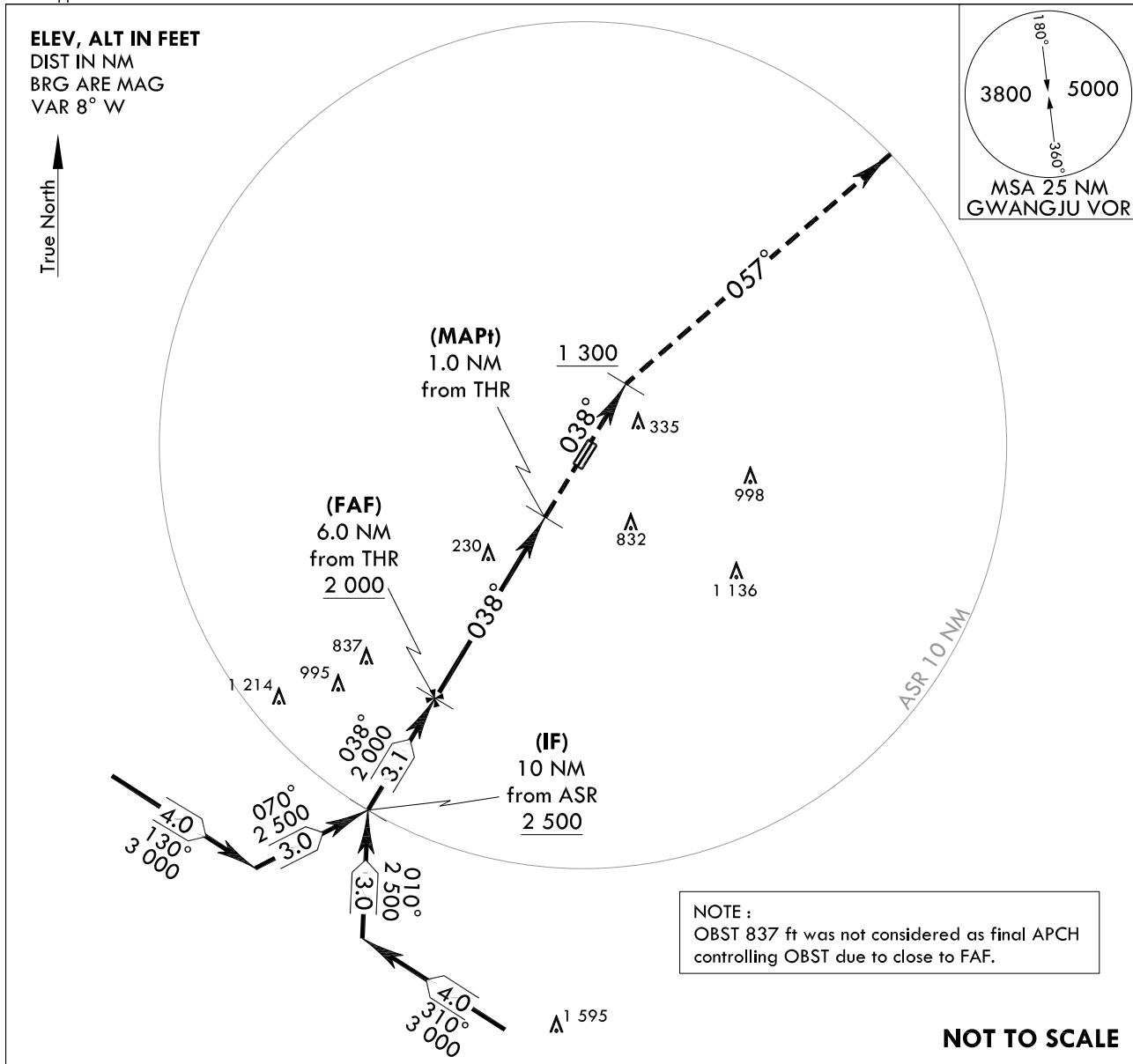
INTENTIONALLY

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INSTRUMENT
APPROACH
CHARTAERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 04L - ELEV 44 ft
HIGHEST ELEV TDZ 46 ftGWANGJU APP 130.0
228.9
GWANGJU TWR 118.05
254.6GWANGJU/Gwangju(RKJJ)
ASR RWY 04L

Note : Approach and circle to land under U.S. TERPS.



Change : Page control.

INTENTIONALLY

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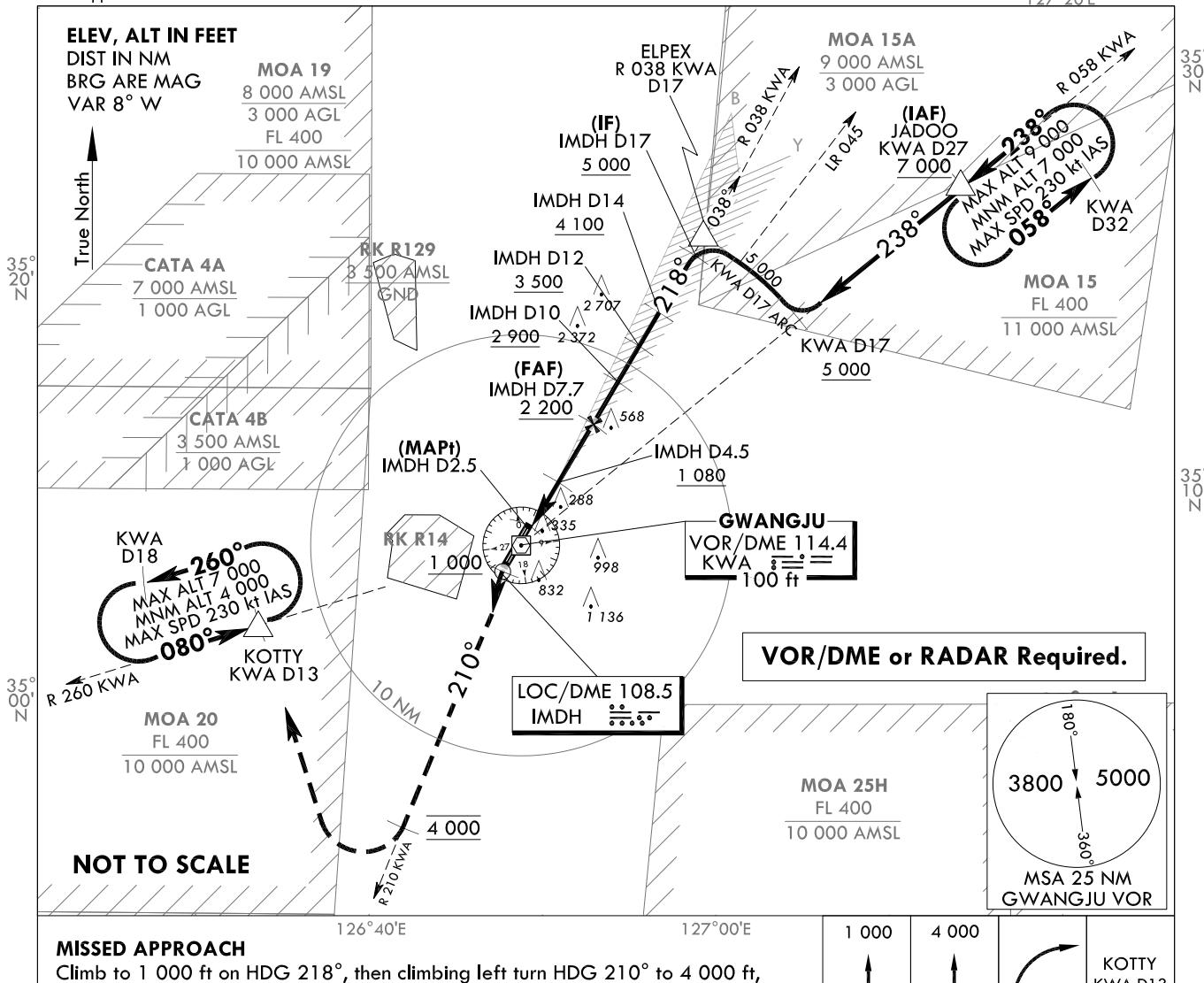
INSTRUMENT
APPROACH
CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22L - ELEV 46 ft
HIGHEST ELEV TDZ 48 ft

| | |
|-------------|--------|
| GWANGJU APP | 130.0 |
| | 228.9 |
| GWANGJU TWR | 118.05 |
| | 254.6 |

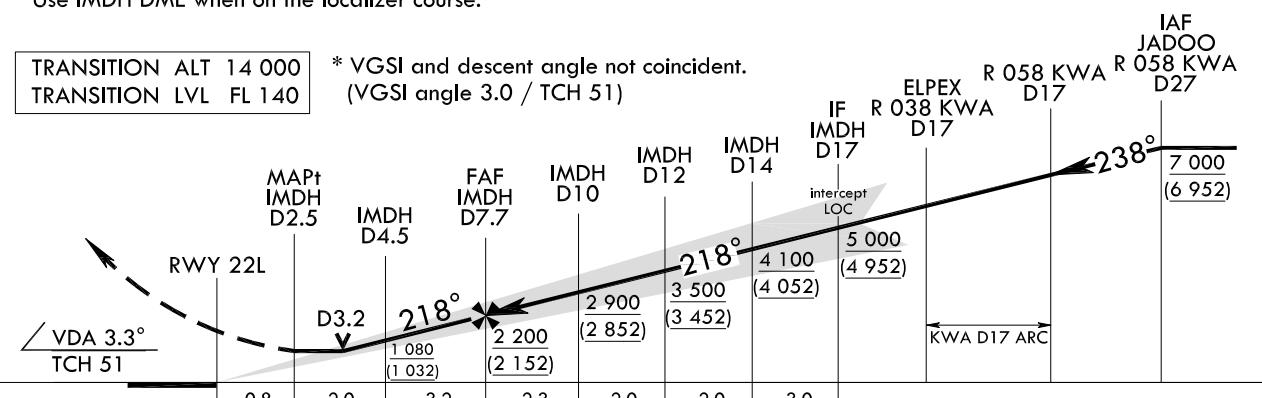
GWANGJU/Gwangju(RKJJ)
LOC/DME RWY 22L

Note : Approach and circle to land under U.S. TERPS.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

* VGSI and descent angle not coincident.
(VGSI angle 3.0 / TCH 51)



CATEGORY

A

B

C

D

S-LOC 22L

560/40 512(600-3/4)

560-1 1/4 512(600-1 1/4)

S-LOC 22L
(ALS INOP)

560/55 512(600-1)

560-1 3/8 512(600-1 3/8)

CIRCLING*

720-1
672(700-1)

1 140-1 1/2
1 092(1 100-1 1/2)

1 140-3
1 092(1 100-3)

1 380-3
1 332(1 400-3)

* Circling not authorized for west of RWY 22-04.

Change : Page control.

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INSTRUMENT
APPROACH
CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22L - ELEV 46 ft
HIGHEST ELEV TDZ 48 ft

| | |
|-------------|--------|
| GWANGJU APP | 130.0 |
| | 228.9 |
| GWANGJU TWR | 118.05 |
| | 254.6 |

GWANGJU/Gwangju(RKJJ)
RNP RWY 22L

Note : Approach and circle to land under U.S. TERPS.

ELEV, ALT IN FEET

DIST IN NM
BRG ARE MAG
VAR 8° W

True North

MANGI

6 000

10.2

106°

(IAF)

SERAN

6 000

180°

7.6

100

7.6

100

NOP

4 100

(MAX 230 kt IAS)

JJ681

3 500

2 428

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GWANGJU/Gwangju(RKJJ)
RNP RWY 22L

AERONAUTICAL DATA TABULATION

Feeder Route - via MANGI to SERAN(IF)

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-Over Course/Tack M($^{\circ}$ T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|---------------------------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|---------|
| 001 | - | MANGI | - | - | - | - | - | 35°30'11.3"N 126°44'31.7"E | - | RNAV 1 | - |
| 002 | TF | SERAN | - | 106 (098.0) | 10.2 | - | +6 000 | 35°28'45.5"N 126°56'50.7"E | - | RNAV 1 | IAF |

RNP RWY 22L - via SERAN to BIENN(IF)

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-Over Course/Tack M($^{\circ}$ T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|---------------------------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|------------|
| 001 | IF | SERAN | - | - | - | +6 000 | -230 | 35°28'45.5"N 126°56'50.7"E | - | RNP APCH | IAF |
| 002 | TF | BIENN | - | 180 (171.6) | 7.6 | - | +4 100 | 35°21'13.7"N 126°58'12.2"E | - | RNP APCH | IF NoPT |

RNP RWY 22L - via FRISA to BIENN(IF)

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-Over Course/Tack M($^{\circ}$ T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|---------------------------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|------------|
| 001 | IF | FRISA | - | - | - | +6 000 | -230 | 35°17'25.0"N 127°06'14.5"E | - | RNP APCH | IAF |
| 002 | TF | BIENN | - | 308 (300.1) | 7.6 | - | +4 100 | 35°21'13.7"N 126°58'12.2"E | - | RNP APCH | IF NoPT |

RNP RWY 22L - via BIENN(IF) to MAHF

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-Over Course/Tack M($^{\circ}$ T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|---------------------------------------|---------------|----------------|---------------|------------|----------------------------|----------|--------------------------|--------------------------|
| 001 | TF | BIENN | - | - | - | +4 100 | -230 | 35°21'13.7"N 126°58'12.2"E | - | RNP APCH | IF |
| 002 | TF | JJ681 | - | 218 (210.0) | 4.7 | - | +3 500 | 35°17'09.1"N 126°55'19.9"E | - | RNP APCH | - |
| 003 | TF | JJ682 | - | 218 (210.0) | 2.0 | - | +2 900 | 35°15'25.0"N 126°54'06.6"E | - | RNP APCH | - |
| 004 | TF | GOEUL | - | 218 (210.0) | 2.3 | - | +2 200 | 35°13'25.3"N 126°52'42.5"E | -3.3/5.2 | RNP APCH | FAF |
| 005 | TF | JJ683 | - | 218 (210.0) | 3.2 | - | +1 080 | 35°10'38.6"N 126°50'45.5"E | - | RNP APCH | LNAV ONLY |
| 006 | TF | RW22L | Y | 218 (209.9) | 2.8 | - | - | 35°08'12.8"N 126°49'03.3"E | - | RNP APCH | MAPt LNAV ONLY |
| 007 | VA | 1 000 ft | - | - | - | +1 000 | - | - | - | RNP APCH | - |
| 008 | DF | JJ684 | - | - | - | +4 000 | - | 34°57'17.9"N 126°43'53.3"E | - | RNP APCH | CG 320 ft/NM to 4 000 ft |
| 009 | TF | XEROX | - | 281 (272.2) | 10.7 | - | +5 000 | 34°57'41.4"N 126°30'53.8"E | - | RNP APCH | - |

HOLDING PROCEDURE

| Holding Identification | Path Descriptor | Waypoint Identifier over | Fly-Point over | Course/Tack M($^{\circ}$ T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|------------------------|-----------------|--------------------------|----------------|------------------------------|---------------|----------------|------------------|------------|----------------------------|---------|--------------------------|---------|
| RNP RWY 22L | HM | FRISA | - | 265 (256.6) | 5.0 | L | -7 000 +6 000 | -230 | 35°17'25.0"N 127°06'14.5"E | - | RNAV 1 | - |
| | HM | XEROX | - | 080 (071.6) | 5.0 | L | -6 000 +5 000 | -230 | 34°57'41.4"N 126°30'53.8"E | - | RNAV 1 | - |

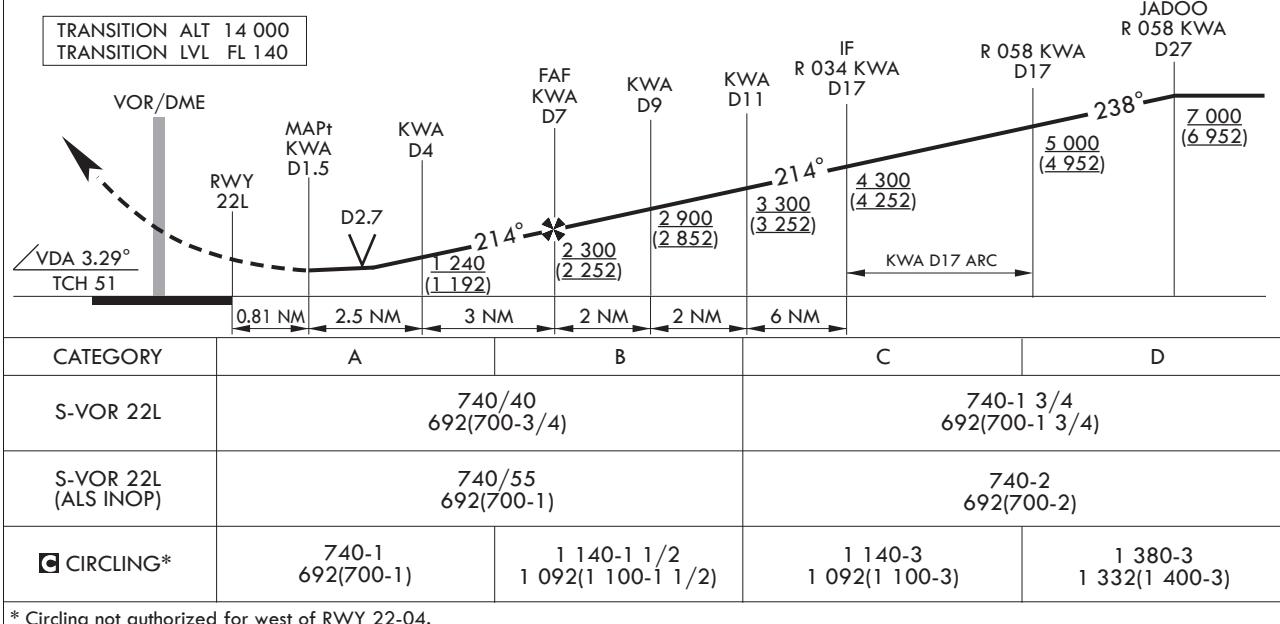
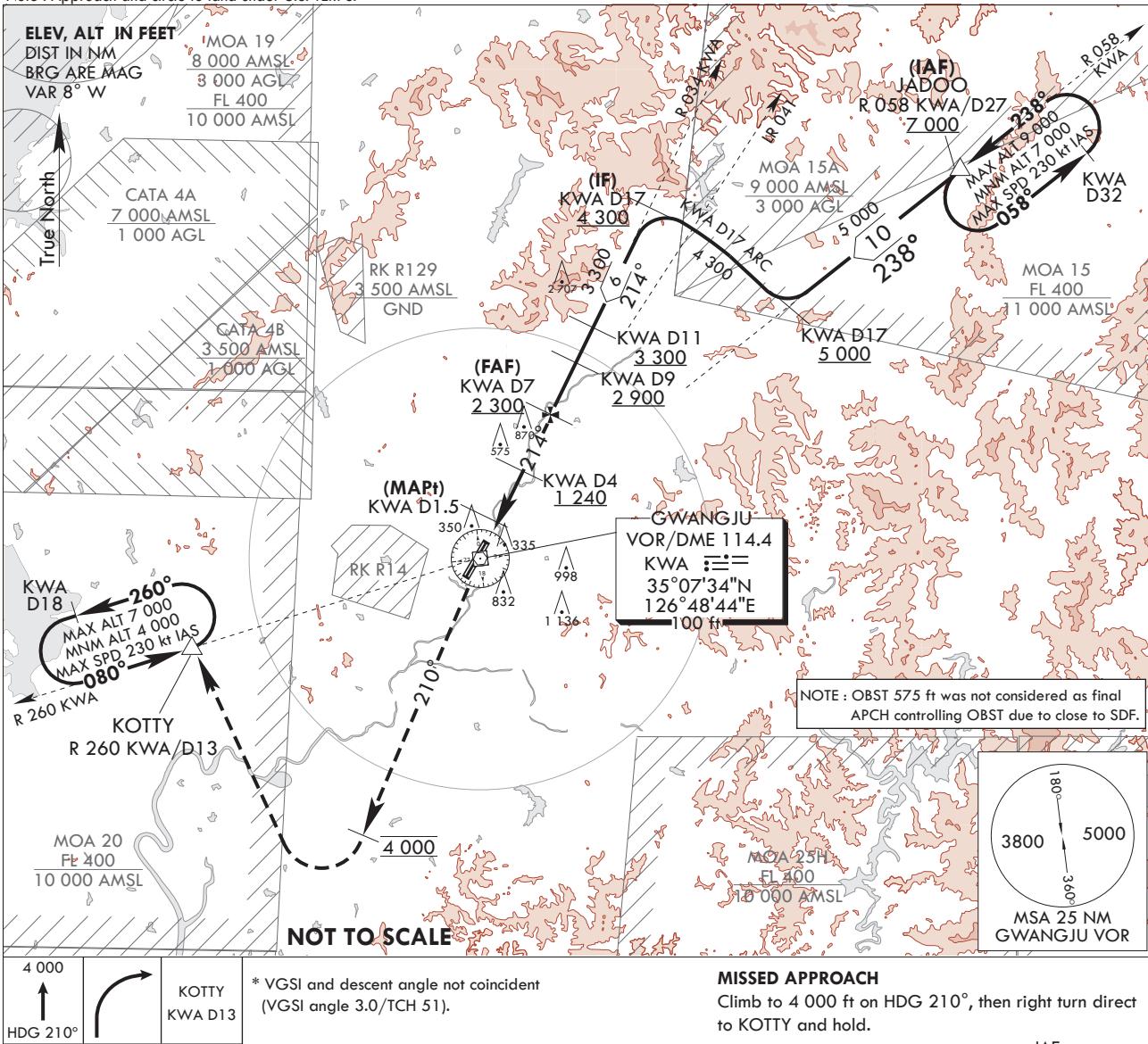
Change : Establishment of feeder route, holding procedure and Information of ALT restrictions for JJ684, XEROX.

**INSTRUMENT
APPROACH
CHART**
AERODROME ELEV 48 ft
 HEIGHTS RELATE TO
 THR RWY 22L - ELEV **46 ft**
 HIGHEST ELEV TDZ **48 ft**

 GWANGJU APP 130.0
 228.9
 GWANGJU TWR 118.05
 254.6

**GWANGJU/Gwangju(RKJJ)
VOR/DME RWY 22L**

Note : Approach and circle to land under U.S. TERPS.



Change : Page control.

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INSTRUMENT APPROACH CHART

**AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22L - ELEV 46 ft
HIGHEST ELEV TDZ 48 ft**

| | |
|-------------|--------|
| GWANGJU APP | 130.0 |
| | 228.9 |
| GWANGJU TWR | 118.05 |
| | 254.6 |

**GWANGJU/Gwangju(RKJJ)
ASR RWY 22L**

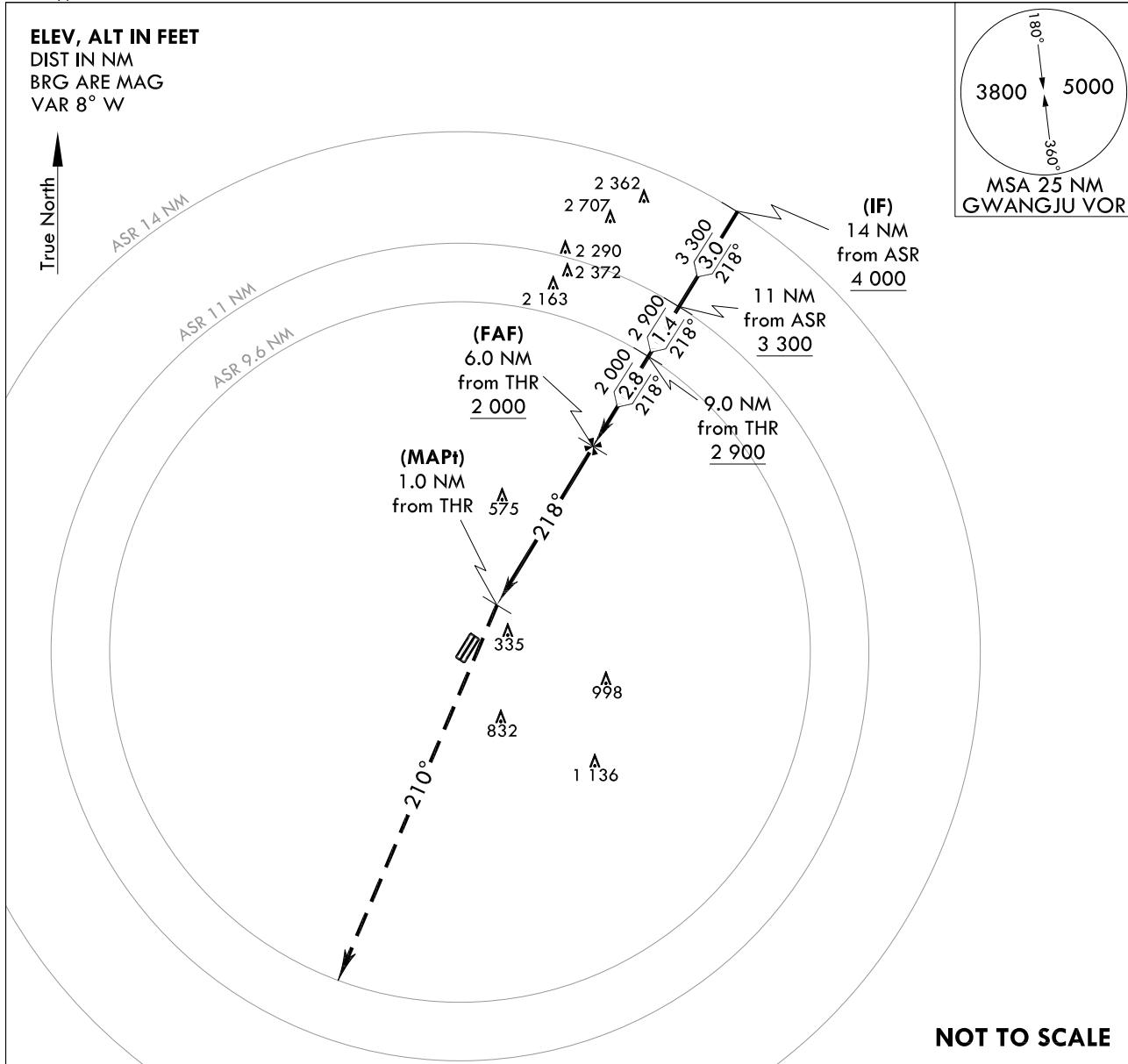
Note : Approach and circle to land under U.S. TERPS.

ELEV, ALT IN FEET

DIST IN NM

BRG ARF MAG

VAP 8° W



NOT TO SCALE

5 000
↑
HDG 210°

MISSED APPROACH

Climb HDG 210° to 5 000 ft, then expect radar vector.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

This vertical profile diagram illustrates the altitude changes along the approach path for Runway 22L. The vertical axis represents altitude in feet, with major tick marks at 1 000, 2 000, 3 000, and 4 000. The horizontal axis represents distance from the threshold (THR) in nautical miles (NM), with labels at 1.0, 5.0, 9.0, 11, and 14 NM.

The chart shows the following key points and segments:

- MAPt (Minimum Altitude Point):** Located at 1.0 NM from THR, at an altitude of 1 060 ft.
- FAF (Final Approach Fix):** Located at 6.0 NM from THR, at an altitude of 1 380 ft.
- 9.0 NM from THR:** At this point, the altitude is 1 700 ft.
- 11 NM from ASR:** At this point, the altitude is 2 000 ft.
- 14 NM from ASR:** At this point, the altitude is 2 900 ft.
- Final Descent Segment:** From 11 NM to 14 NM, the altitude decreases from 2 000 ft to 2 900 ft, indicated by a downward-pointing arrow.
- Vertical Descent Angle:** The VDA (Vertical Descent Angle) is labeled as 2.99° TCH 51.
- Intermediate Points:** Between FAF and 9.0 NM, there are two intermediate points marked with crosses: one at 1 380 ft (3 NM from THR) and another at 1 700 ft (4 NM from THR).
- Final Approach Segment:** The final approach segment starts at MAPt (1 060 ft) and ends at FAF (1 380 ft), with a vertical separation of 320 ft.

| CATEGORY | A | B | C | D | E |
|-------------------------|-----------------------------|-----------------------------------|---------------------------|---------------------------|---------------------------|
| S-ASR 22L | 860/55 | 812(900-1) | | 860-2 | 812(900-2) |
| S-ASR 22L (ALS INOP) | 860/60 | 812(900-1 1/4) | | 860-2 1/2 | 812(900-2 1/2) |
| ⌚ CIRCLING* | 860-1 1/4 812(900-1 1/4) | 1 140-1 1/2 1 092(1 100-1 1/2) | 1 140-3 1 092(1 100-3) | 1 380-3 1 332(1 400-3) | 1 460-3 1 412(1 500-3) |

* Circling not authorized for west of RWY 22-04.

Change : Page control.

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GWANGJU/Gwangju(RKJJ)
RNP RWY 22R

AERONAUTICAL DATA TABULATION

Feeder Route - via MANGI to SERAN(IF)

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-Over Course/ ΔT Track | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|-----------------------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|---------|
| 001 | - | MANGI | - | - | - | - | - | 35°30'11.3"N 126°44'31.7"E | - | RNAV 1 | - |
| 002 | TF | SERAN | - | 106 (098.0) | 10.2 | - | +6 000 | 35°28'45.5"N 126°56'50.7"E | - | RNAV 1 | IAF |

RNP RWY 22R - via SERAN to JEBEE(IF)

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-Over Course/ ΔT Track | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|-----------------------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|------------|
| 001 | IF | SERAN | - | - | - | +6 000 | -230 | 35°28'45.5"N 126°56'50.7"E | - | RNP APCH | IAF |
| 002 | TF | JEBEE | - | 181 (172.2) | 7.5 | - | +4 100 | 35°21'16.8"N 126°58'05.5"E | - | RNP APCH | IF NoPT |

RNP RWY 22R - via FRISA to JEBEE(IF)

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-Over Course/ ΔT Track | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|-----------------------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|------------|
| 001 | IF | FRISA | - | - | - | +6 000 | -230 | 35°17'25.0"N 127°06'14.5"E | - | RNP APCH | IAF |
| 002 | TF | JEBEE | - | 308 (300.1) | 7.7 | - | +4 100 | 35°21'16.8"N 126°58'05.5"E | - | RNP APCH | IF NoPT |

RNP RWY 22R - via JEBEE(IF) to MAHF

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-Over Course/ ΔT Track | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks | |
|---------------|-----------------|---------------------|-----------------------------------|---------------|----------------|---------------|------------|----------------------------|----------------------------|--------------------------|--------------------------|-------------------|
| 001 | TF | JEBEE | - | - | - | +4 100 | -230 | 35°21'16.8"N 126°58'05.5"E | - | RNP APCH | IF | |
| 002 | TF | JJ781 | - | 218 (210.0) | 4.7 | - | +3 500 | - | 35°17'12.3"N 126°55'13.2"E | - | RNP APCH | - |
| 003 | TF | JJ782 | - | 218 (210.0) | 2.0 | - | +2 900 | - | 35°15'28.1"N 126°54'00.0"E | - | RNP APCH | - |
| 004 | TF | KOMAK | - | 218 (210.0) | 2.0 | - | +2 300 | - | 35°13'42.9"N 126°52'46.0"E | -3.3/52 | RNP APCH | FAF |
| 005 | TF | JJ783 | - | 218 (210.0) | 3.5 | - | +1 080 | - | 35°10'41.8"N 126°50'38.9"E | - | RNP APCH | LNAV ONLY |
| 006 | TF | RW22R | Y | 218 (209.9) | 2.8 | - | - | - | 35°08'15.9"N 126°48'56.6"E | - | RNP APCH | MAPt LNAV ONLY |
| 007 | VA | 1 000 ft | - | - | - | +1 000 | - | - | - | - | RNP APCH | - |
| 008 | DF | JJ684 | - | - | - | +4 000 | - | 34°57'17.9"N 126°43'53.3"E | - | RNP APCH | CG 320 ft/NW to 4 000 ft | |
| 009 | TF | XEROX | - | 281 (272.2) | 10.7 | - | +5 000 | - | 34°57'41.4"N 126°30'53.8"E | - | RNP APCH | - |

HOLDING PROCEDURE

| Holding Identification | Path Descriptor | Waypoint Identifier | Fly-Over Course/ ΔT Track | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/TCH | Navigation specification | Remarks |
|------------------------|-----------------|---------------------|-----------------------------------|---------------|----------------|---------------|--------------------------------------|------------------------------------|---------|--------------------------|---------|
| RNP RWY 22R | HM | FRISA | - | 265 (256.6) | 5.0 | L | -7 000 +6 000 -6 000 +5 000 | 35°17'25.0"N 127°06'14.5"E -230 | - | RNAV 1 | - |
| | HM | XEROX | - | 080 (071.6) | 5.0 | L | - | 34°57'41.4"N 126°30'53.8"E | - | RNAV 1 | - |

Change : Establishment of feeder route, holding procedure and Information of ALT restrictions for JJ684, XEROX.

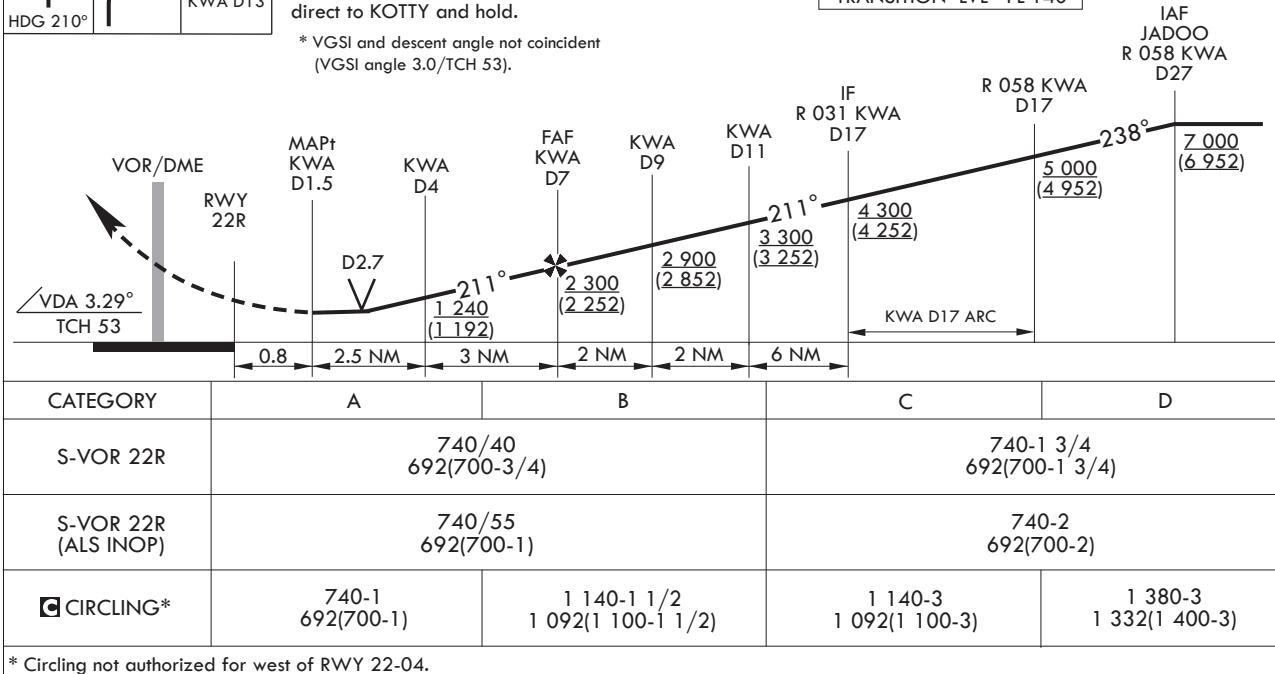
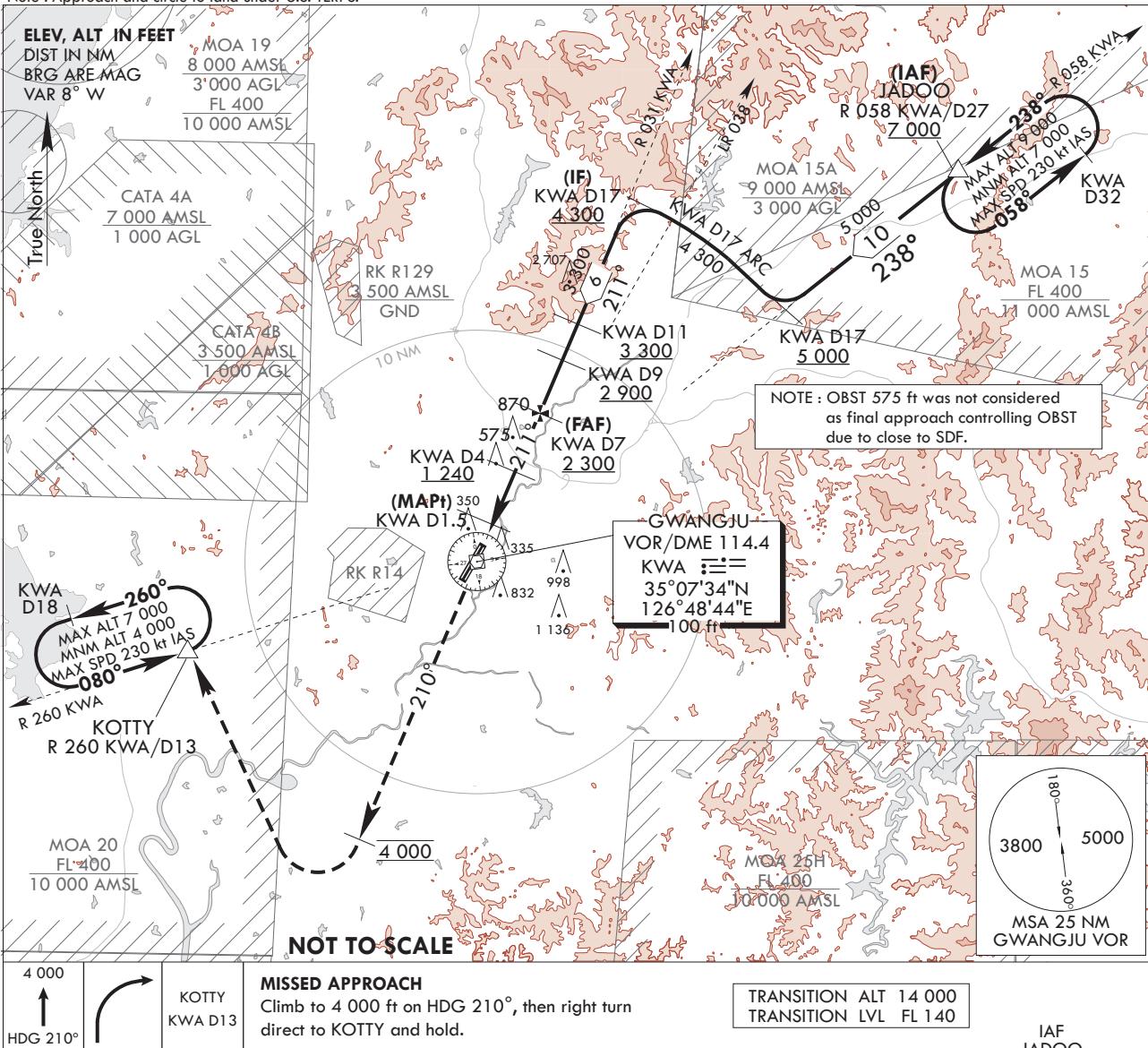
INSTRUMENT
APPROACH
CHART

AERODROME ELEV 48 ft
HEIGHTS RELATE TO
THR RWY 22R - ELEV 48 ft
HIGHEST ELEV TDZ 48 ft

GWANGJU APP 130.0
228.9
GWANGJU TWR 118.05
254.6

GWANGJU/Gwangju(RKJJ)
VOR/DME RWY 22R

Note : Approach and circle to land under U.S. TERPS.



* Circling not authorized for west of RWY 22-04.

Change : Page control.

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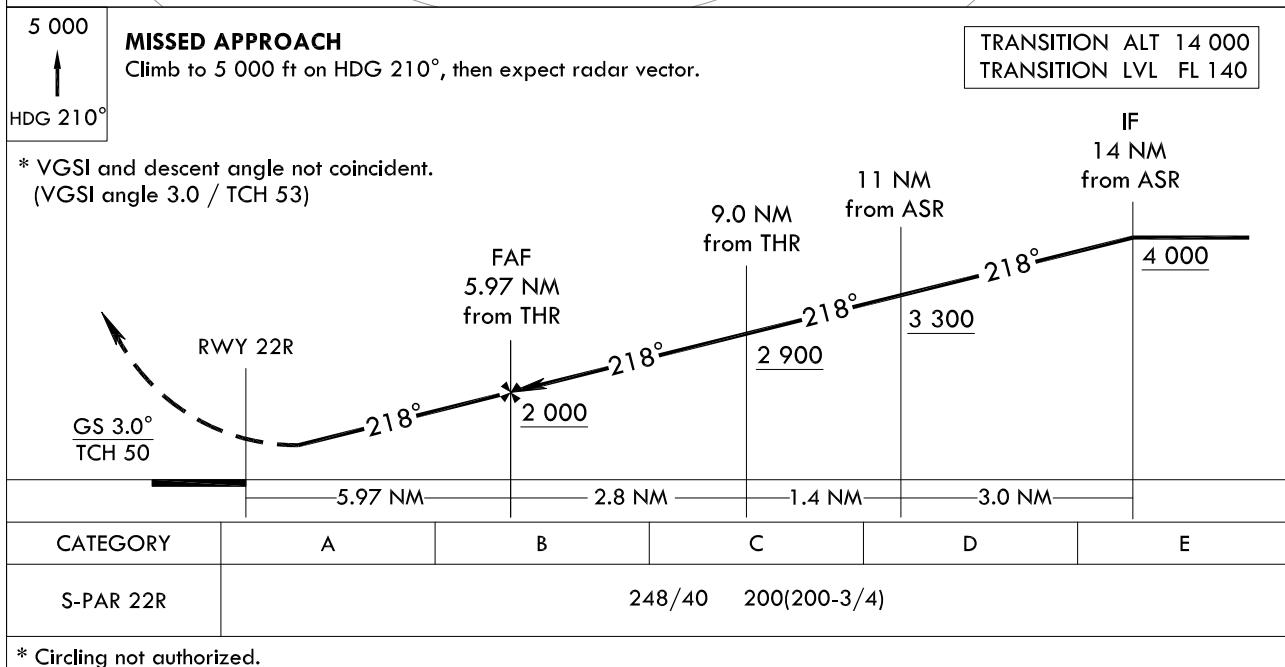
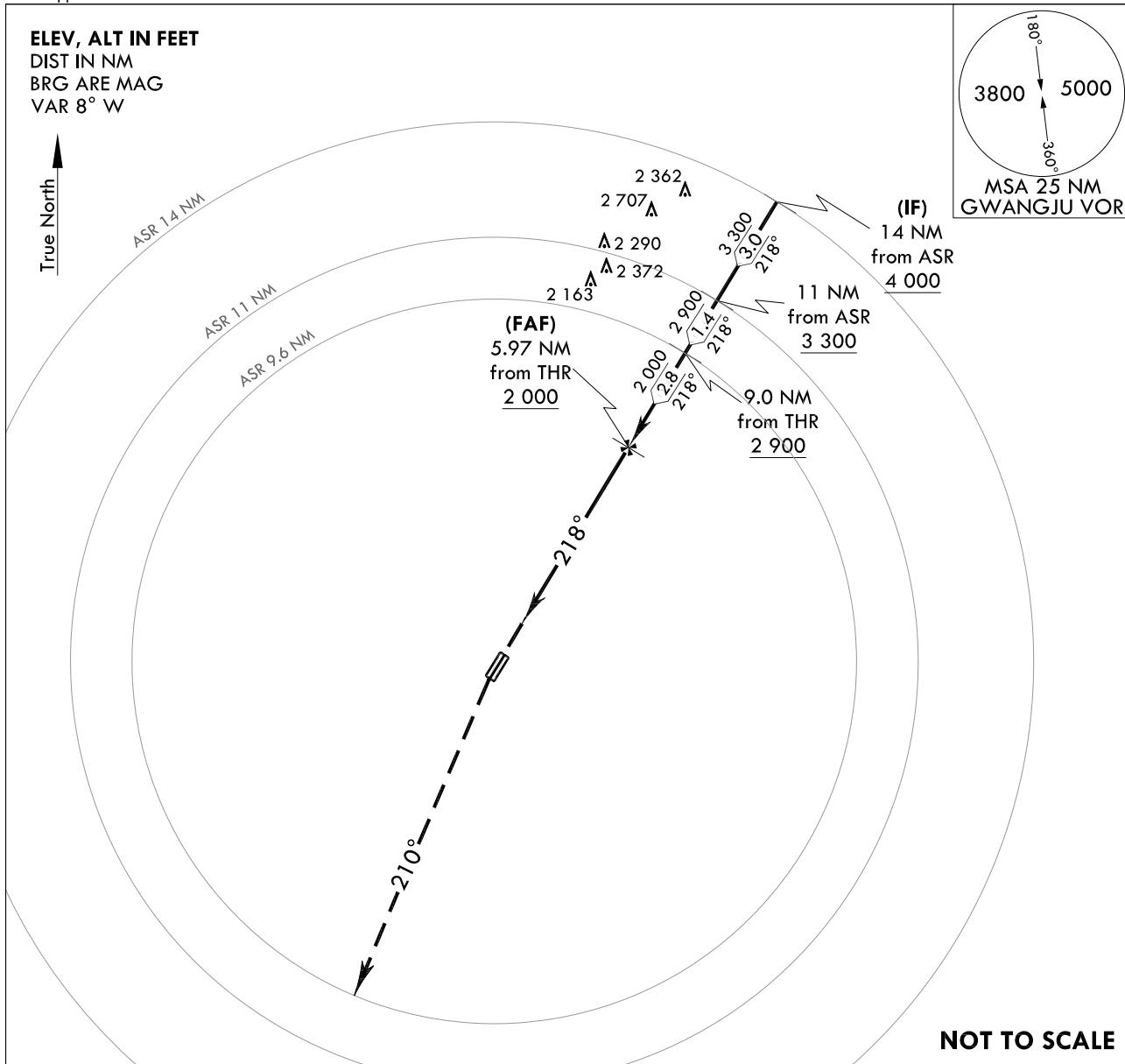
INSTRUMENT
APPROACH
CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22R - ELEV 48 ft
HIGHEST ELEV TDZ 48 ft

| | |
|-------------|--------|
| GWANGJU APP | 130.0 |
| | 228.9 |
| GWANGJU TWR | 118.05 |
| | 254.6 |

GWANGJU/Gwangju(RKJJ)
PAR RWY 22R

Note : Approach and circle to land under U.S. TERPS.



Change : Page control.

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INSTRUMENT APPROACH CHART

AERODROME ELEV 48 ft
HEIGHTS RELATED TO
THR RWY 22R - ELEV 48 ft
HIGHEST ELEV TDZ 48 ft

| | |
|-------------|--------|
| GWANGJU APP | 130.0 |
| | 228.9 |
| GWANGJU TWR | 118.05 |
| | 254.6 |

**GWANGJU/Gwangju(RKJJ)
ASR RWY 22R**

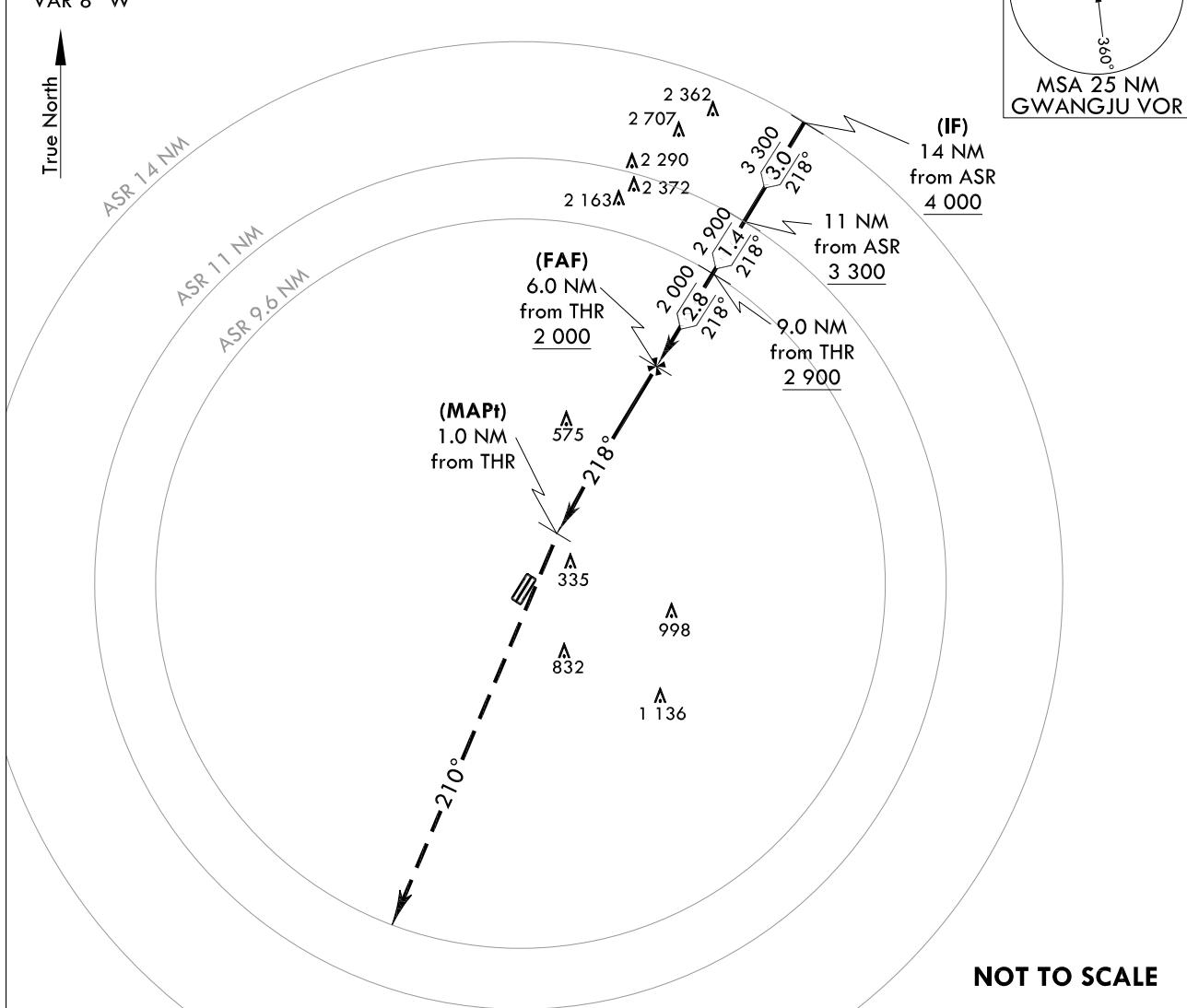
Note : Approach and circle to land under U.S. TERPS.

ELEV, ALT IN FEET

DIST IN NM

DIST IN NM
BRG ARI MAG

**BRG ARE N
VAR 8° W**



NOT TO SCALE

5 000
↑
HDG 210°

MISSED APPROACH

Climb HDG 210° to 5 000 ft, then expect for radar vector.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

The chart illustrates a runway approach and departure route. The runway, labeled "RWY 22R", is oriented at an angle. A dashed line labeled "VDA 2.98° TCH 51" indicates the visual descent angle. The approach path is labeled "MAPt 1.0 NM from THR". The departure route is labeled "IF 14 NM from ASR". Key points along the route include "FAF 6.0 NM from THR", "9.0 NM from THR", "11 NM from ASR", and "14 NM from ASR". Altitudes are marked as 2 000, 2 900, 3 300, and 4 000. Horizontal distances are marked as 1.0 NM, 3 NM, 4 NM, and 5 NM. Angles of 218° are indicated at various points.

| CATEGORY | A | B | C | D | E |
|-------------------------|-----------------------------|-----------------------------------|---------------------------|---------------------------|---------------------------|
| S-ASR 22R | 860/55 | 812(900-1) | | 860-2 | 812(900-2) |
| S-ASR 22R (ALS INOP) | 860/60 | 812(900-1 1/4) | | 860-2 1/2 | 812(900-2 1/2) |
| CIRCLING* | 860-1 1/4 812(900-1 1/4) | 1 140-1 1/2 1 092(1 100-1 1/2) | 1 140-3 1 092(1 100-3) | 1 380-3 1 332(1 400-3) | 1 460-3 1 412(1 500-3) |

* Circling not authorized for west of RWY 22-04.

Change : Page control.

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