

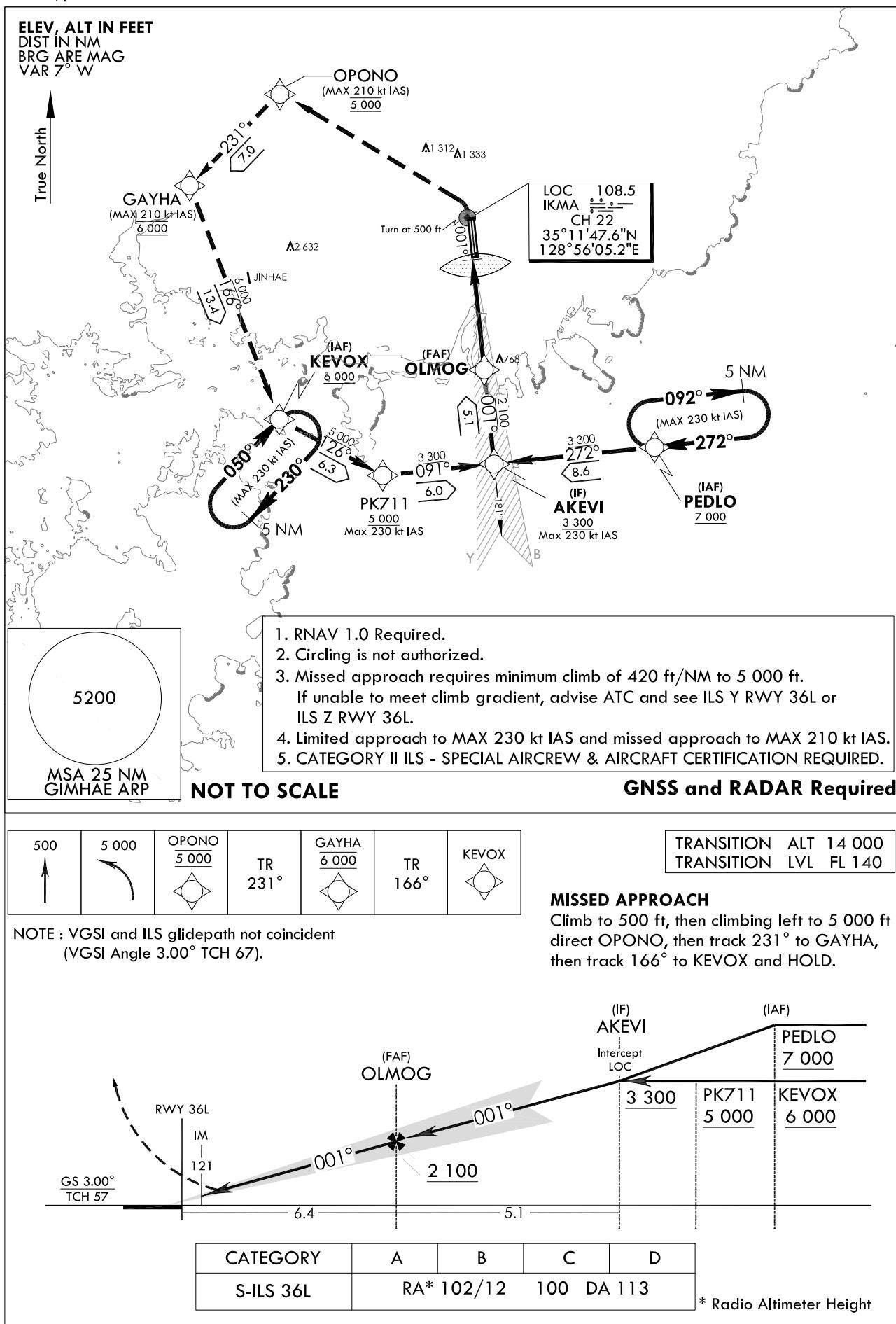
INSTRUMENT  
APPROACH  
CHART

AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
RWY 36L ELEV TDZ 13 ft

GIMHAE APP 125.5 364.0
GIMHAE TWR 118.1 118.45
233.3 236.6

BUSAN/Gimhae Intl(RKPK)  
ILS RWY 36L  
CAT II

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



Change : Page control.

BUSAN/Gimhae INTL(RKPK)  
ILS RWY 36L  
CAT II

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

Serial Number	Path Descriptor	Waypoint Identifier	Fly- over °M(°T)	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	-	PEDLO	-	-	-	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E	-	RNAV 1	IAF
002	TF	AKEVI	-	271.5(264.1)	8.6	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E	-	RNAV 1	IF

Serial Number	Path Descriptor	Waypoint Identifier	Fly- over °M(°T)	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	-	KEVOX	-	-	-	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	IAF
002	TF	PK711	-	125.8(118.3)	6.3	-	+5 000	-230	34°57'51.9"N 128°50'32.3"E	-	RNAV 1	SDF
002	TF	AKEVI	-	091.5(084.1)	6.0	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E	-	RNAV 1	IF

Serial Number	Path Descriptor	Waypoint Identifier	Fly- over °M(°T)	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	TF	AKEVI	-	-	-	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E	-	RNAV 1	IF
002	TF	OLMOG	-	001.4(354.0)	5.1	-	+2 100	-	35°03'32.1"N 128°57'02.1"E	-	-	FAF
003	-	DA	-	001.4(354.0)	-	-	+113	-	-	-	LOC	DA
004	-	RWY 36L	-	001.4(354.0)	-	-	-	-	35°09'54.7"N 128°56'19.8"E	3.0/57	LOC	-
005	VA	-	-	001.4(354.0)	-	-	+500	-210	-	-	RNAV 1	CG 420 ft/NM to 5 000 ft
006	DF	OPONO	-	-	-	L	@5 000	-210	35°18'24.2"N 128°43'46.2"E	-	RNAV 1	-
007	TF	GAYHA	-	231.2(223.8)	7.0	-	@6 000	-210	35°13'22.4"N 128°37'54.4"E	-	RNAV 1	-
008	TF	KEVOX	-	166.3(158.9)	13.4	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	-

## HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly- over °M(°T)	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
LS RWY 36L CAT II	HM	PEDLO	-	271.7(264.2)	5.0	R	+7 000	-230	34°59'23.1"N 129°08'15.3"E	-	RNAV 1	Hold at PEDLO E Right Turn 272° Inbound 5 NM Leg.

INSTRUMENT  
APPROACH  
CHART

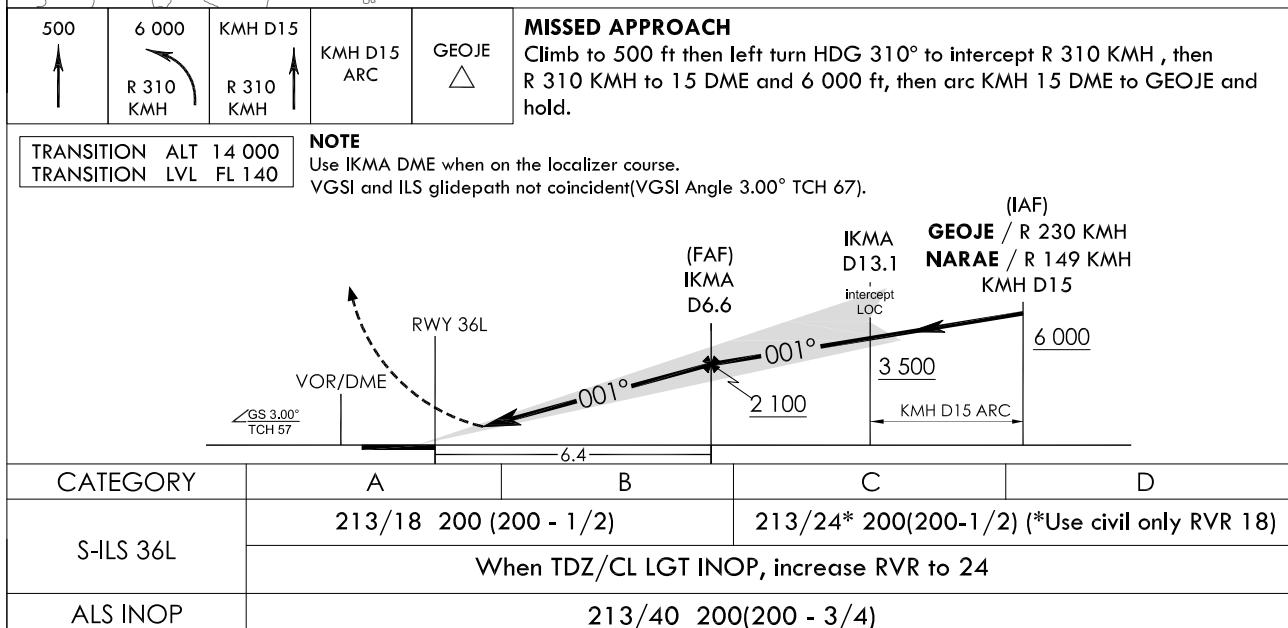
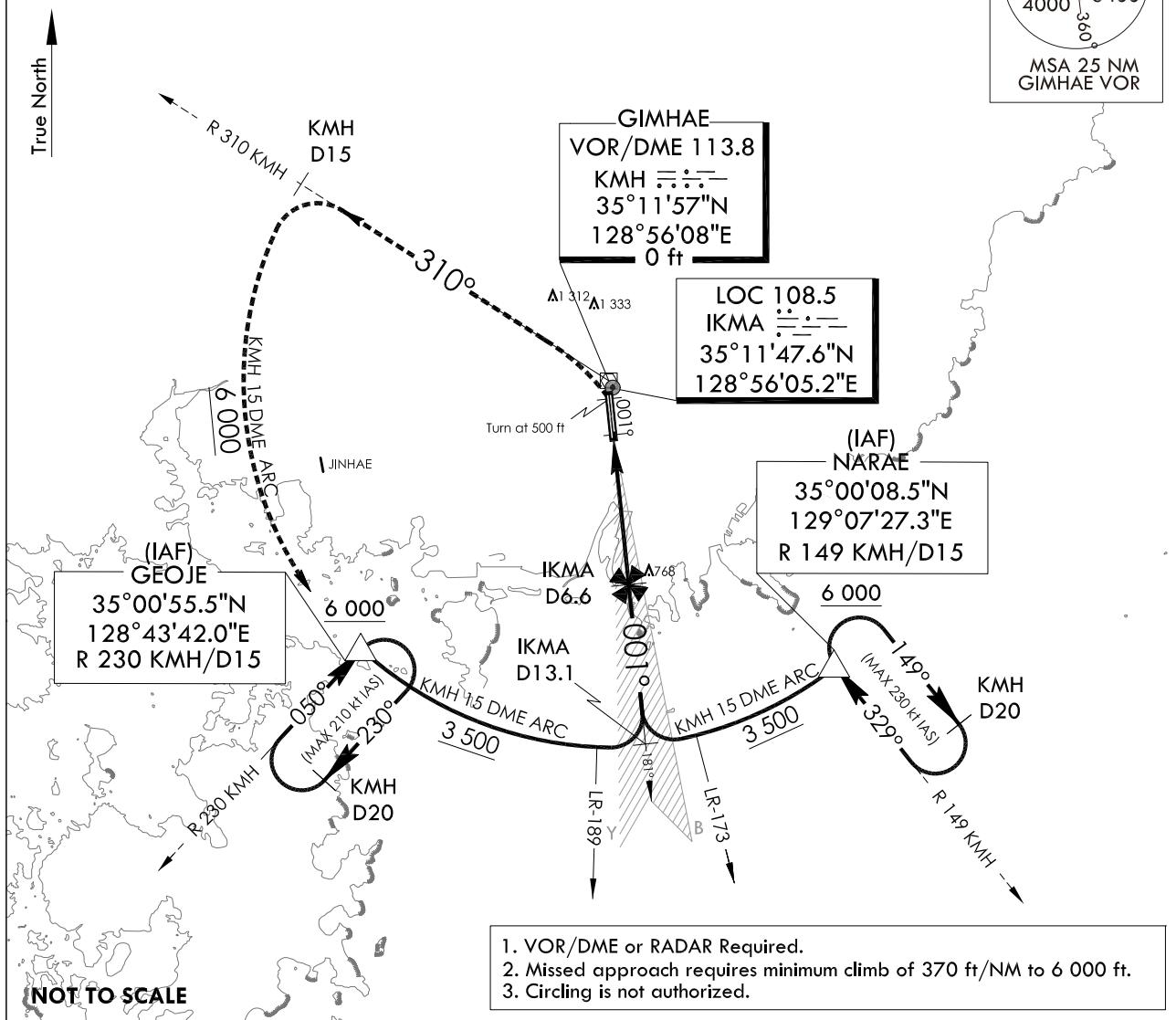
AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
RWY 36L ELEV TDZ 13 ft

GIMHAE APP 125.5 364.0
GIMHAE TWR 118.1 118.45
233.3 236.6

BUSAN/Gimhae Intl(RKPK)  
ILS Y  
RWY 36L

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

ELEV, ALT IN FEET  
DIST IN NM  
BRG ARE MAG  
VAR 7° W



Change : Amended ILS plan view symbol.

**INTENTIONALLY**

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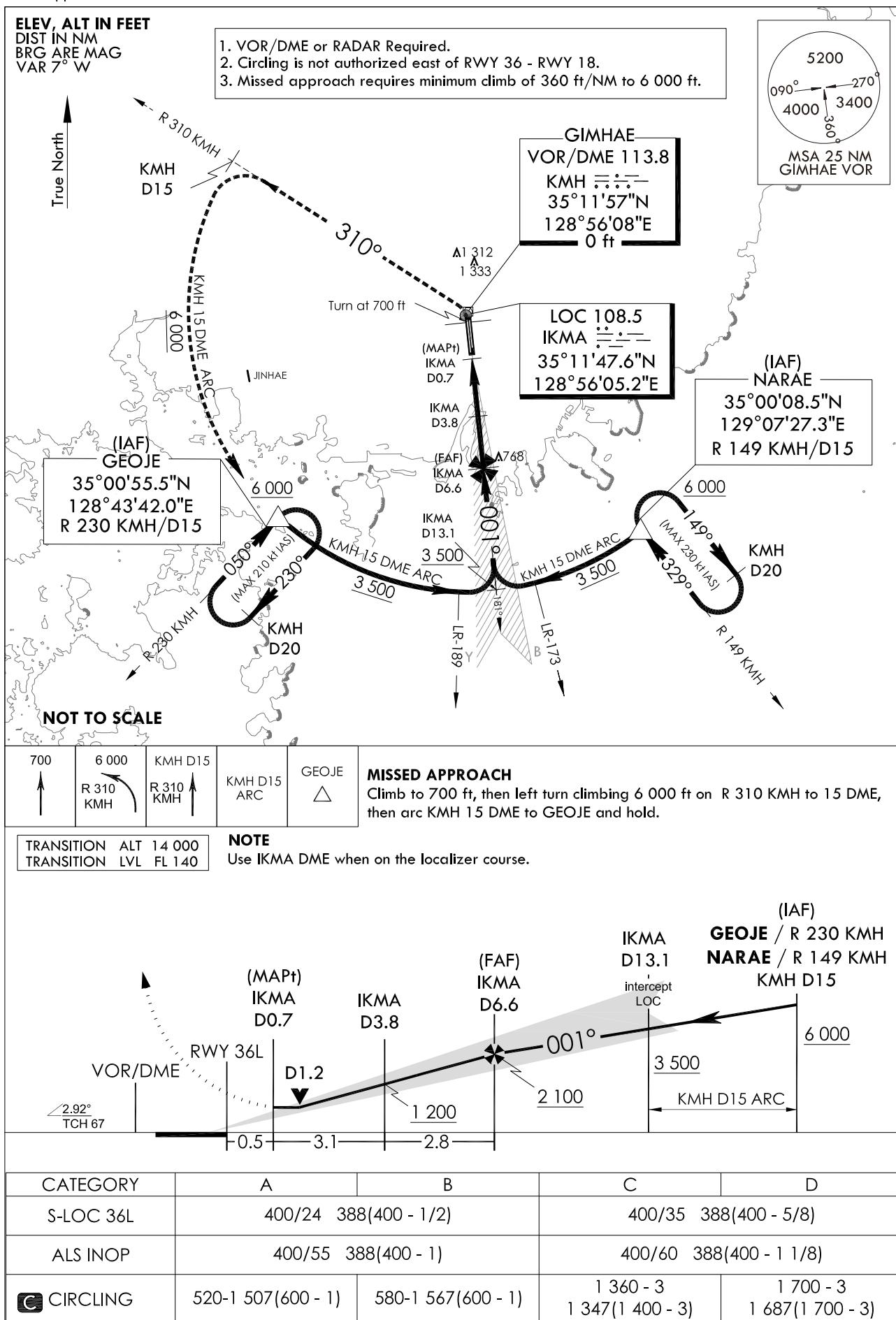
INSTRUMENT  
APPROACH  
CHART

AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
THR RWY 36L - ELEV 12 ft

GIMHAE APP 125.5 364.0
GIMHAE TWR 118.1 118.45
233.3 236.6

BUSAN/Gimhae Intl(RKPK)  
LOC/DME Y  
RWY 36L

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



Change : Information of RWY ELEV format.

**INTENTIONALLY**

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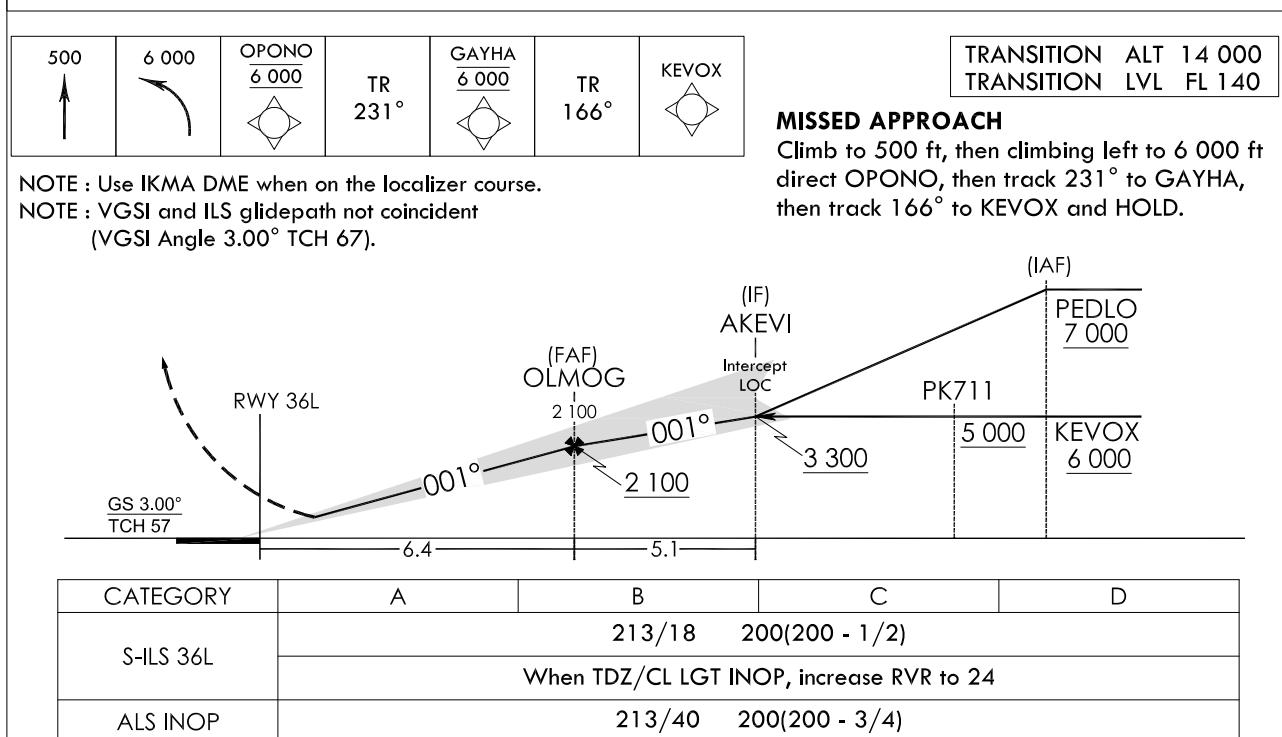
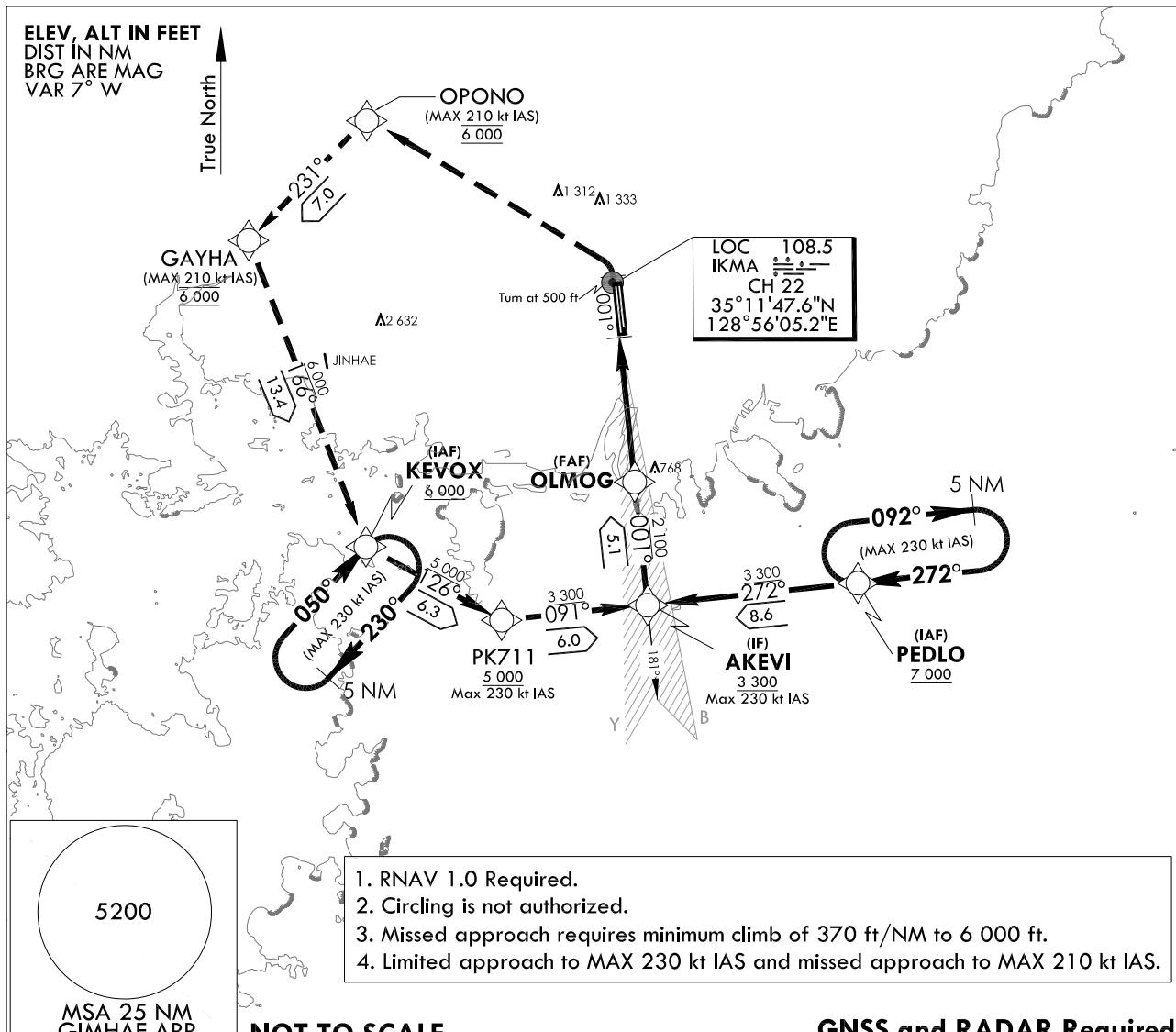
INSTRUMENT  
APPROACH  
CHART

AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
RWY 36L ELEV TDZ 13 ft

GIMHAE APP 125.5 364.0
GIMHAE TWR 118.1 118.45
233.3 236.6

BUSAN/Gimhae Intl(RKPK)  
ILS Z  
RWY 36L

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



Change : Page control.

BUSAN/Gimhae INTL(RKPK)

ILS Z  
RWY 36L

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

ILS Z RWY 36L - via PEDLO to AKEV/I(IF)									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates
001	-	PEDLO	-	-	-	-	+7 000	-230	34°59'23.1"N 128°08'15.3"E
002	TF	AKEV	-	271.5(264.1)	8.6	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E

ILS Z RWY 36L - via KEVOX to AKEV/I(IF)									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates
001	-	KEVOX	-	-	-	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E
002	TF	PK711	-	125.8(118.3)	6.3	-	+5 000	-230	34°57'51.9"N 128°50'32.3"E
002	TF	AKEV	-	091.5(084.1)	6.0	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E

ILS Z RWY 36L - via AKEV/I(IF) to MAHF									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates
001	TF	AKEV	-	-	-	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E
002	TF	OLMOG	-	001.4(354.0)	5.1	-	+2 100	-	35°03'32.1"N 128°57'02.1"E
003	-	DA	-	001.4(354.0)	-	-	-	-	-
004	-	RWY 36L	-	001.4(354.0)	-	-	-	-	35°09'54.7"N 128°56'19.8"E
005	VA	-	-	001.4(354.0)	-	-	+500	-210	-
006	DF	OPONO	-	-	-	L	@6 000	-210	35°18'24.2"N 128°43'46.2"E
007	TF	GAYHA	-	231.2(223.8)	7.0	-	@6 000	-210	35°13'22.4"N 128°37'54.4"E
008	TF	KEVOX	-	166.3(158.9)	13.4	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E

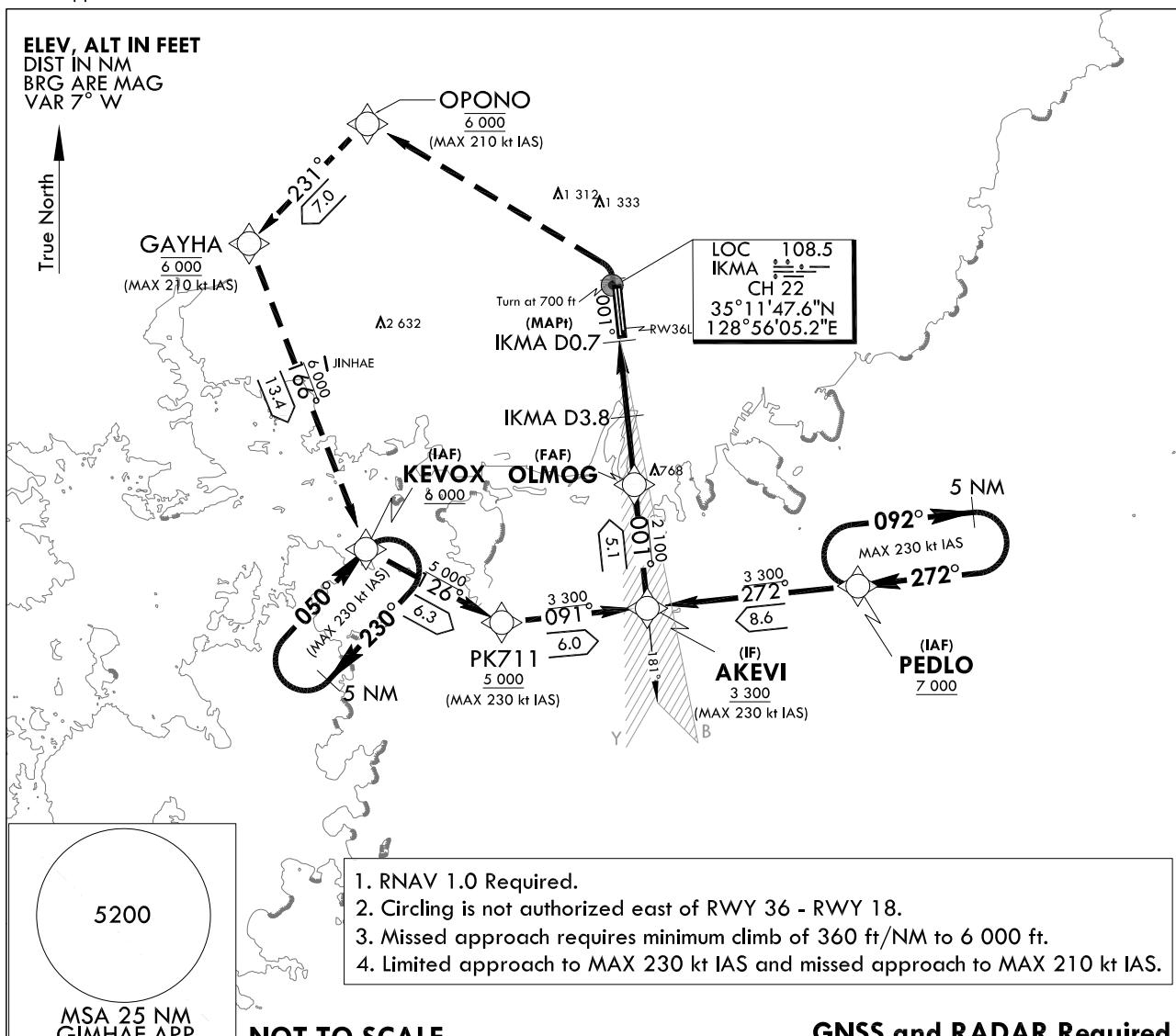
INSTRUMENT  
APPROACH  
CHART

AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
THR RWY 36L - ELEV 12 ft

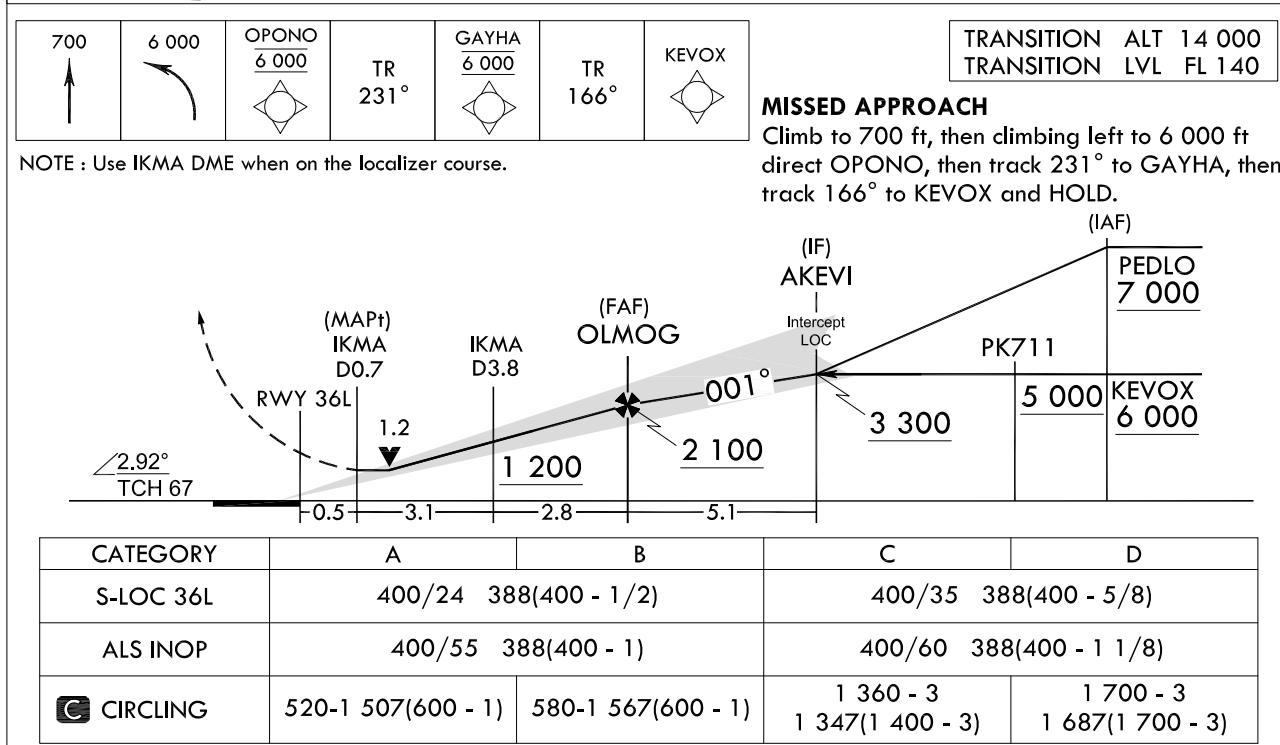
GIMHAE APP 125.5	364.0
GIMHAE TWR 118.1	118.45
	233.3 236.6

BUSAN/Gimhae Intl(RKPK)  
LOC/DME Z  
RWY 36L

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



GNSS and RADAR Required.



BUSAN/Gimhae INTL(RKPK)  
LOC/DME Z  
RWY 36L

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

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	-	PEDLO	-	-	-	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E	-	RNAV 1	IAF
002	TF	AKEV1	-	271.5(264.1)	8.6	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E	-	RNAV 1	IF

LOC/DME Z RWY 36L - via KEVOX to AKEV1(IF)

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	-	KEVOX	-	-	-	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	IAF
002	TF	PK711	-	125.8(118.3)	6.3	-	+5 000	-230	34°57'51.9"N 128°50'32.3"E	-	RNAV 1	SDF
002	TF	AKEV1	-	091.5(084.1)	6.0	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E	-	RNAV 1	IF

LOC/DME Z RWY 36L - via AKEV1(IF) to MAHF

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	TF	AKEV1	-	-	-	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E	-	RNAV 1	IF
002	TF	OLMOG	-	001.4(354.0)	5.1	-	+2 100	-	35°03'32.1"N 128°57'09.1"E	-	LOC	FAF
003	-	D3.8 IKMA	-	001.4(354.0)	2.8	-	+1 200	-	-	-	LOC	SDF
004	-	D0.7 IKMA	-	001.4(354.0)	3.1	-	+400	-	-	-	LOC	MAP†
005	-	RWY 36L	-	001.4(354.0)	0.5	-	-	-	35°09'54.7"N 128°56'19.8"E	3.0/67	LOC	-
006	VA	-	-	001.4(354.0)	-	-	+700	-210	-	-	RNAV 1	CG 360 ft/NW to 6 000 ft
007	DF	OPONO	-	-	-	L	@6 000	-210	35°18'24.2"N 128°43'46.2"E	-	RNAV 1	CG 360 ft/NW to 6 000 ft
008	TF	GAYHA	-	231.2(223.8)	7.0	-	@6 000	-210	35°13'22.4"N 128°37'54.4"E	-	RNAV 1	-
009	TF	KEVOX	-	166.3(158.9)	13.4	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	-

Change : Amended phrases(coordinates for OPONO, GAYHA, KEVOX).

INSTRUMENT  
APPROACH  
CHART

AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
THR RWY 36L - ELEV 12 ft

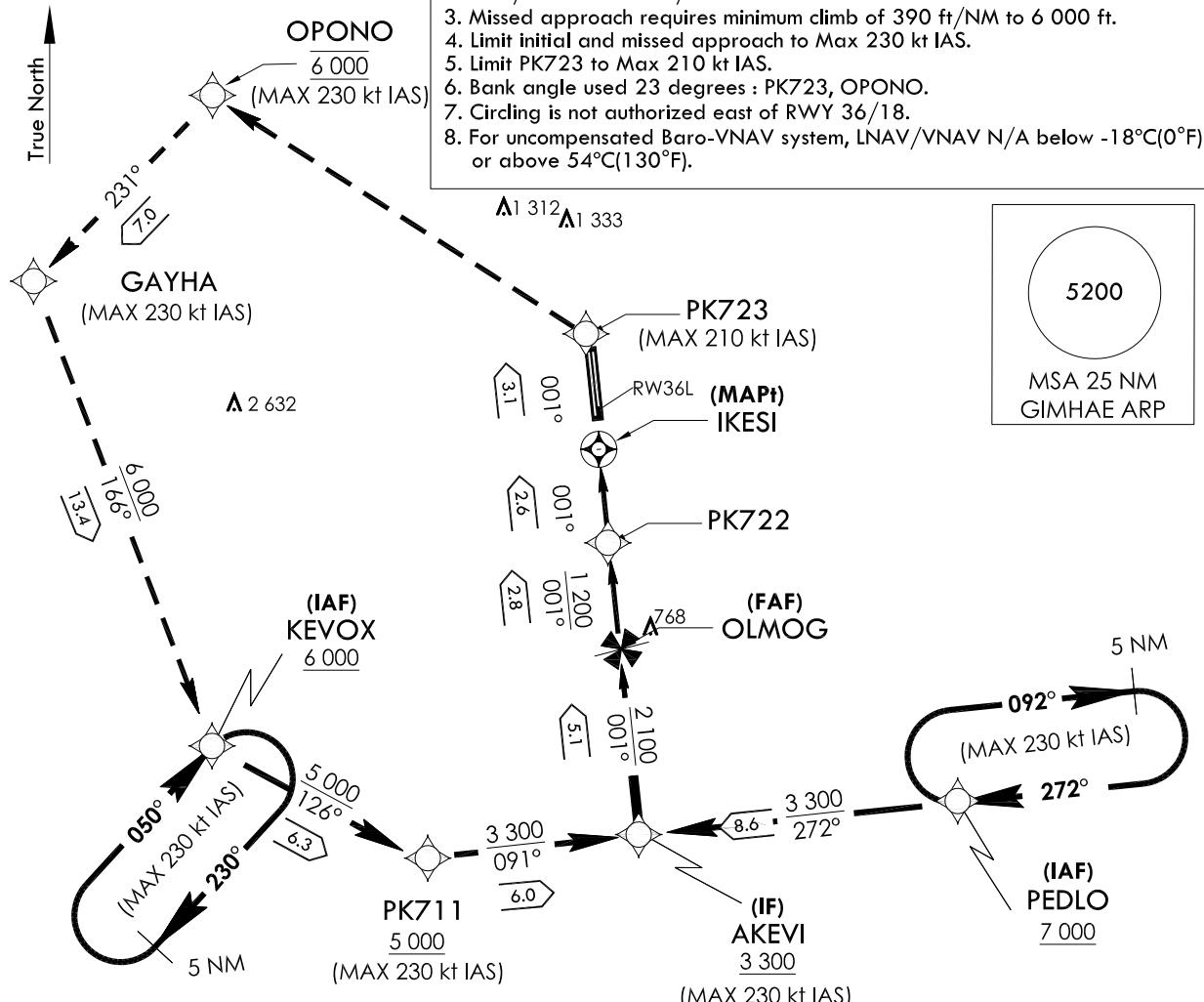
GIMHAE APP	125.5	364.0
GIMHAE TWR	118.1	118.45
	233.3	236.6

BUSAN/Gimhae Intl(RKPK)  
RNP RWY 36L

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

ELEV, ALT IN FEET  
DIST IN NM  
BRG ARE MAG  
VAR 7° W

RNP APCH



NOT TO SCALE

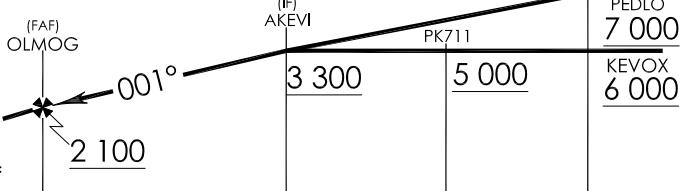
GNSS and RADAR Required

6 000	PK723	OONO	GAYHA	KEVOX	TRANSITION	ALT 14 000
	tr 001°	tr 310°	tr 231°	tr 166°	TRANSITION	LVL FL 140

MISSED APPROACH :

Climb to 6 000 ft on track 001° to PK723, then track 310° to cross OONO at 6 000 ft, then track 231° to GAYHA, then track 166° to KEVOX and hold.

Note : VGSI and RNAV glidepath not coincident.  
(VGSI Angle 3.00° TCH 67)



CATEGORY	A	B	C	D
LNAV / VNAV	FULL		420/45 408(500- $\frac{1}{2}$ )	
	ALS INOP		420-1 $\frac{3}{8}$ 408(500-1 $\frac{3}{8}$ )	
LNAV	FULL	500/45 488(500- $\frac{1}{2}$ )		500/55 488(500-1)
	ALS INOP		500-1 $\frac{1}{2}$ 488(500-1 $\frac{1}{2}$ )	
CIRCLING	580-1 $\frac{1}{2}$ 567(600-1 $\frac{1}{2}$ )		1 360-3 1 347(1 400-3) 1 700-3 1 687(1 700-3)	

Change : Information of fix names(BETTA → OONO, ZULBI → KEVOX, DUKDU → OLMOG, THORE → IKESI).

BUSAN/Gimhae INTL(RKPK)  
RNP RWY 36L

AERONAUTICAL DATA TABULATION

**Instrument Approach Procedure Coding Tables**

RNP RWY 36L - via PEDLO to AKEV(I/F)									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °N(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates
001	-	PEDLO	-	-	-	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E
002	TF	AKEV	-	271.5(264.1)	8.6	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E

RNP RWY 36L - via KEVOX to AKEV(I/F)									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °N(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates
001	-	KEVOX	-	-	-	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E
002	TF	PK711	-	125.8(118.3)	6.3	-	+5 000	-230	34°57'51.9"N 128°50'32.3"E
002	TF	AKEV	-	091.5(084.1)	6.0	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E

RNP RWY 36L - via AKEV(I/F) to MAHF									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °N(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates
001	TF	AKEV	-	-	-	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E
002	TF	OLMOG	-	001.4(354.0)	5.1	-	+2 100	-	35°03'32.1"N 128°57'02.1"E
003	TF	PK722	-	001.4(354.0)	2.83	-	+1 200	-	35°06'21.1"N 128°56'47.3"E
004	TF	IKESI	Y	001.4(354.0)	2.57	-	+500	-	35°08'54.9"N 128°56'27.5"E
005	TF	PK723	-	001.4(354.0)	3.08	-	-	-210	35°11'59.2"N 128°56'03.7"E
006	TF	OPONO	-	310.0(302.5)	11.9	-	-	-230	35°18'24.2"N 128°43'46.2"E
007	TF	GAYHA	-	231.2(223.8)	7.0	-	-	-230	35°13'22.4"N 128°37'54.4"E
008	TF	KEVOX	-	166.3(158.9)	13.4	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E
009	HM	PEDLO	-	271.7(264.2)	5.0	R	-8 000 +7 000	-230	34°59'23.1"N 129°08'15.3"E
010	HM	KEVOX	-	050(042.5)	5.0	R	-10 000 +6 000	-230	35°00'51.7"N 128°43'47.2"E

Change : Information of fix names(BETTA → OPONO, ZULBI → KEVOX, DUKDU → OLMOG, THORE → IKESI).

## **INSTRUMENT APPROACH CHART**

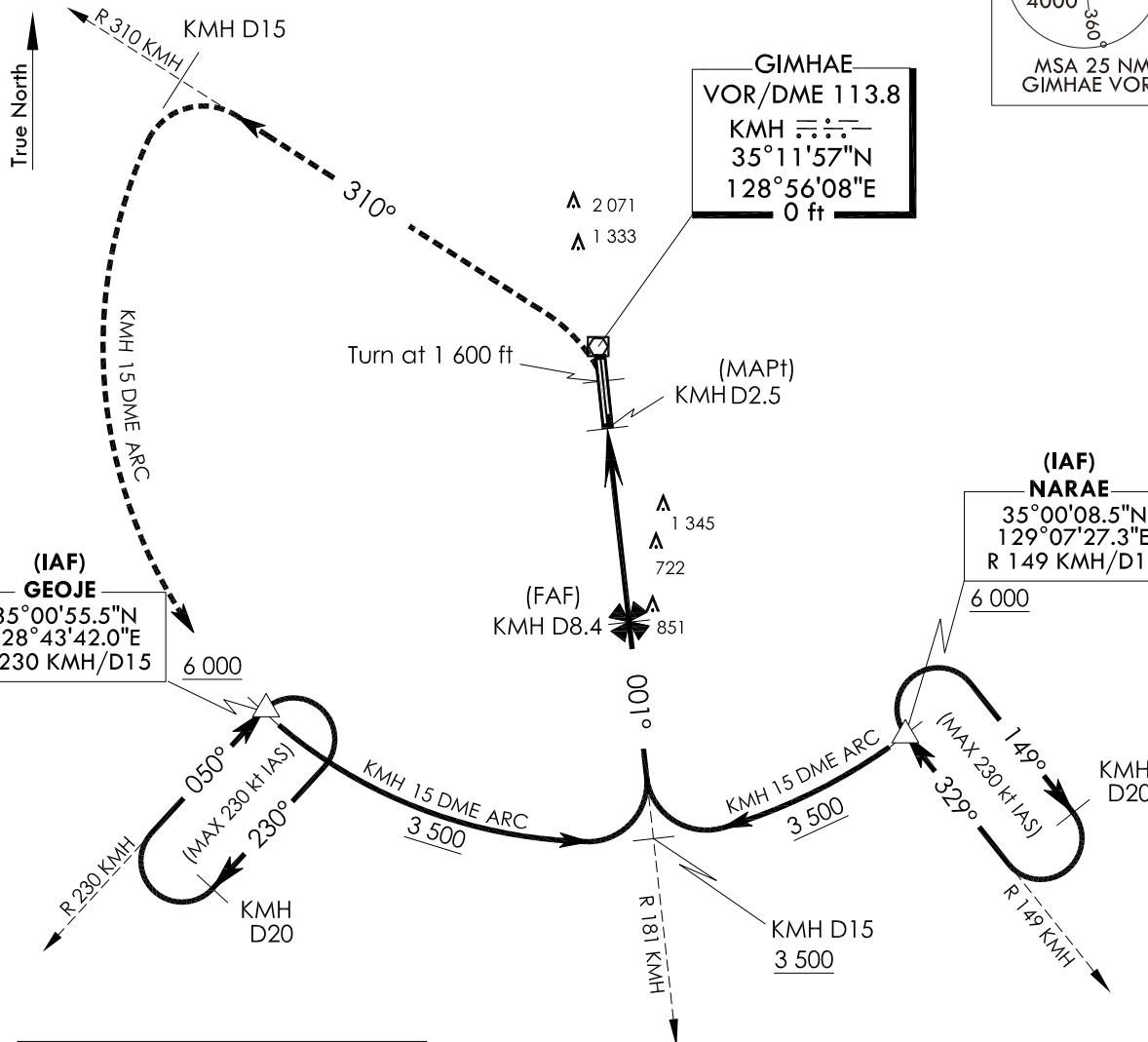
**AERODROME ELEV** 13 ft  
HEIGHTS RELATED TO  
**THR RWY 36L - ELEV** 12 ft

GIMHAE	APP	125.5	364.0
GIMHAE	TWR	118.1	118.45
		233.3	236.6

**BUSAN/Gimhae Intl(RKPK)  
VOR/DME  
RWY 36L**

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

**ELEV, ALT IN FEET  
DIST IN NM  
BRG ARE MAG  
VAR 7° W**



**NOTE :**

1. Circling is not authorized east of RWY 36/18.

**NOT TO SCALE**

**MISSED APPROACH :**  
Climb to 1 600 ft then left turn climbing  
6 000 ft on R 310 KMH to 15 DME, then ARC  
KMH 15 DME to GEOJE and hold.

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140
GEOJE / R 230 KMH	(IAF)	
NARAE / R 149 KMH		

**Flight Plan Data:**

- VOR:** ELEV 13, THR RWY 36L
- Turns:** (MAPT) KMHD 2.5, (FAF) KMHD 8.4, 001°, 3.0° TCH 67
- Altitudes:** 2100, 3500, 6 000
- Legs:** KMHD 15 ARC to GEOJE
- Transitions:** R 310 KMH, R 310 KMH, KMH D15, KMH D15, KMH D15, KMH D15
- Other:** 0.46, 5.9, 36L

Change : Information of RWY ELEV format

**INTENTIONALLY**

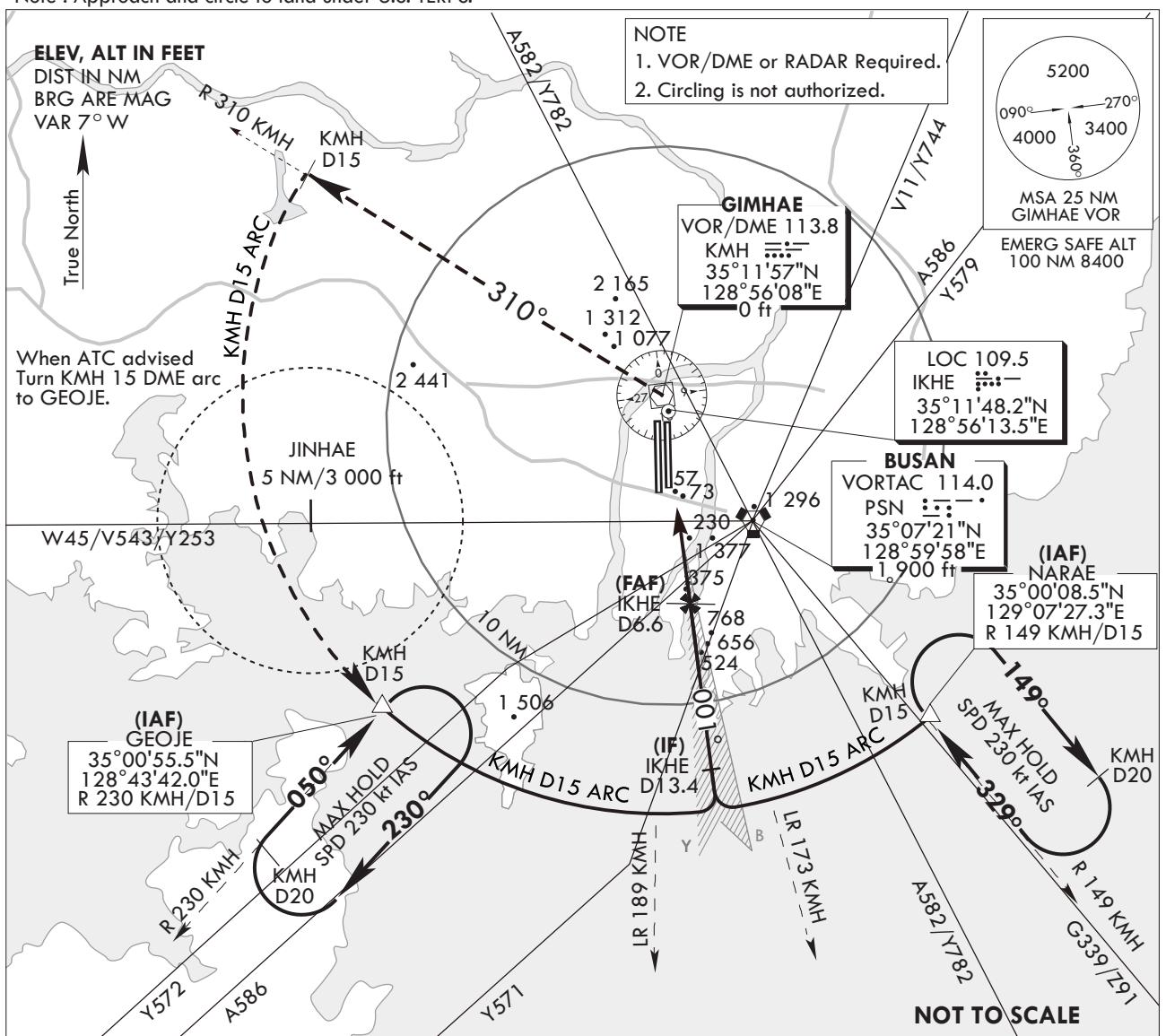
**LEFT**

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INSTRUMENT  
APPROACH  
CHARTAERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
RWY 36R ELEV TDZ 8 ft

GIMHAE	APP	125.5	364.0
GIMHAE	TWR	118.1	118.450
		233.3	236.6

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

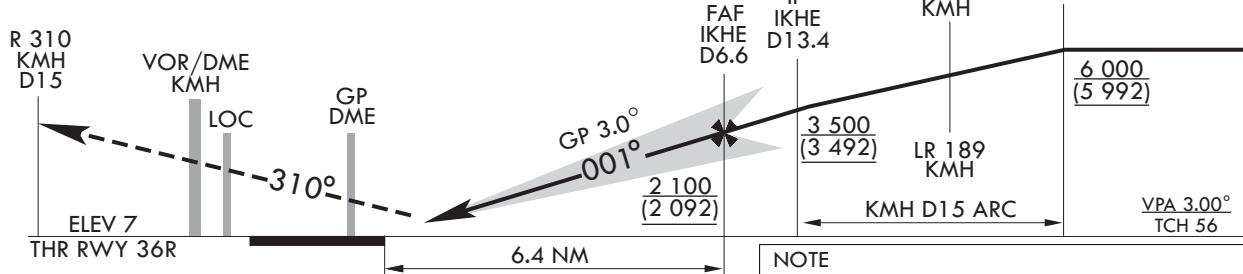
BUSAN/Gimhae Intl(RKPK)  
ILS Y  
RWY 36R

## MISSED APPROACH

Climb to 6 000 ft via left turn and track on R 310 KMH to 15 DME, then direct to GEOJE (when RADAR INOP, track KMH D15 ARC to GEOJE) and hold or as directed by ATC.

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

IAF  
GEOJE / R 230 KMH  
NARAE / R 149 KMH  
KMHD 15



CATEGORY	A	B	C	D		
S-ILS/DME 36R	208/18 200 (200-1/2)	208/24* 200 (200-1/2)	*Use civil only RVR 18			
When TDZ/CL LGT INOP, increase RVR to 24						
ALS INOP	208/40 200 (200-3/4)					

**NOTE**  
1. Use IKHE DME when on the localizer course.  
2. VGSI and ILS glidepath not coincident.  
(VGSI Angle 3.00° TCH 75)  
3. Missed approach requires minimum climb of 400 ft/NM to 6 000 ft.

## MISSSED APPROACH minimum climb rate

KNOTS	60	120	180	240	300	TO
V/V (fpm)	400	800	1 200	1 600	2 000	6 000

Change : Withdrawal of Y579 and Establishment of Y571/Y572.

**INTENTIONALLY**

**LEFT**

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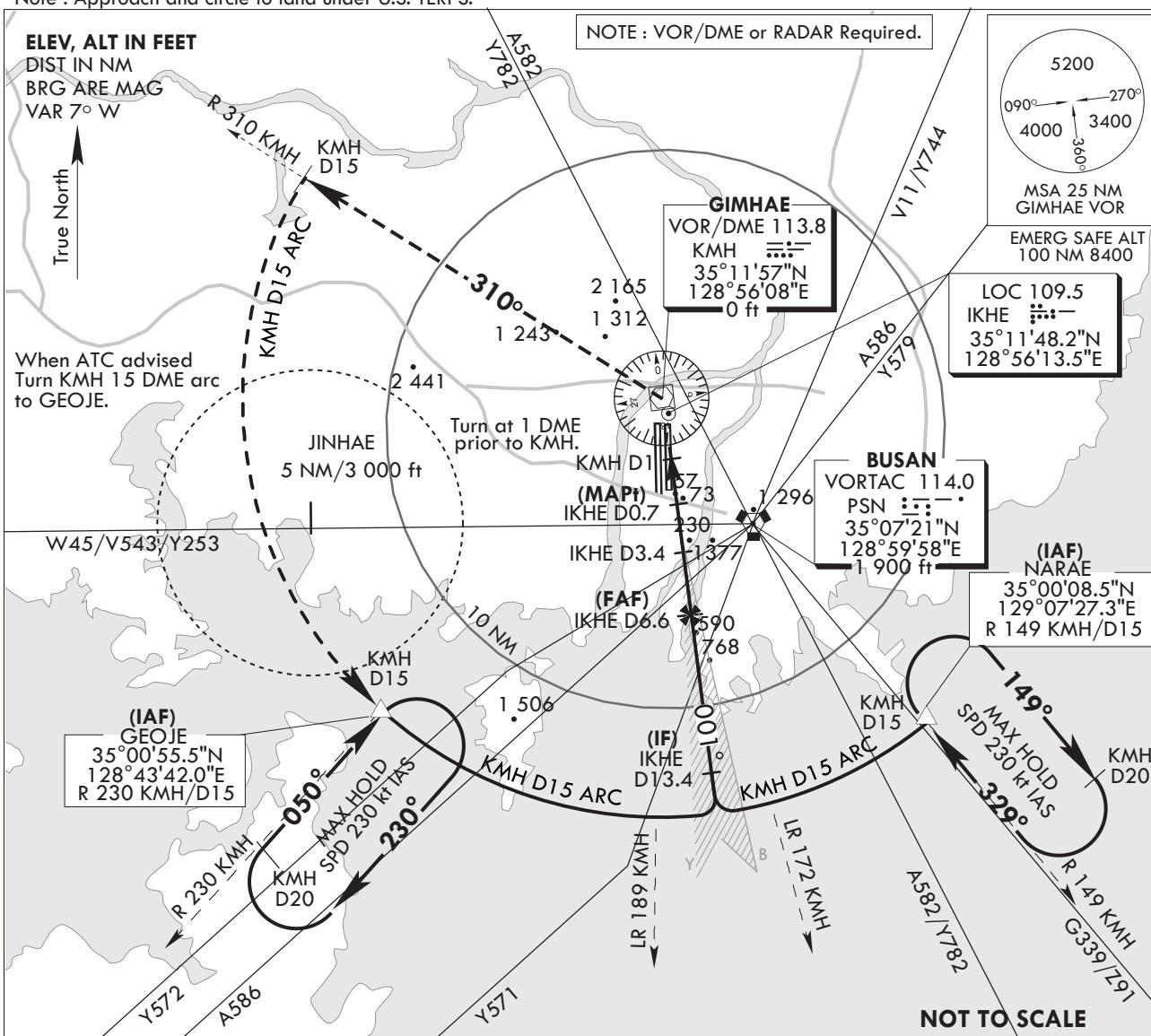
INSTRUMENT  
APPROACH  
CHART

AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
THR RWY 36R - ELEV 7 ft

GIMHAE APP	125.5	364.0
GIMHAE TWR	118.1	118.450
	233.3	236.6

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

BUSAN/Gimhae Intl(RKPK)  
LOC/DME Y  
RWY 36R

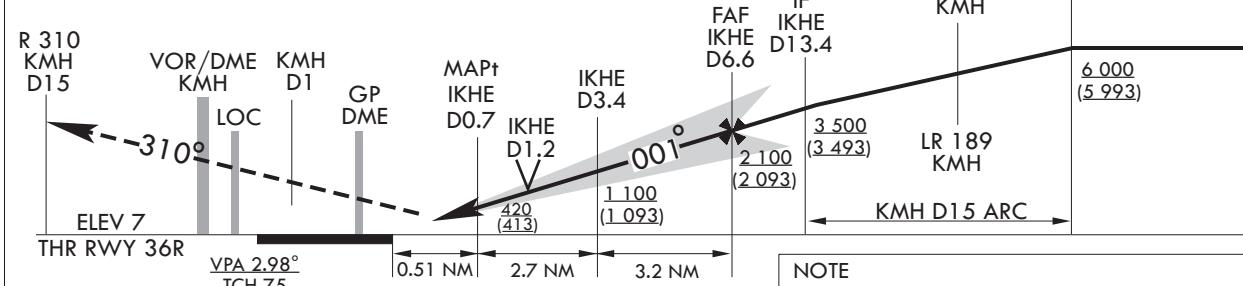


**MISSSED APPROACH**

Climb to 6 000 ft via left turn and track on R 310 KMH to 15 DME, then direct to GEOJE (when RADAR INOP, track KMH D15 ARC to GEOJE) and hold or as directed by ATC.

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

IAF  
GEOJE / R 230 KMH  
NARAE / R 149 KMH  
KMH D15



CATEGORY	A	B	C	D
S-LOC/DME 36R	<b>420/24</b> 413 (500-1/2)		<b>420/40</b> 413 (500-3/4)	
ALS INOP	<b>420/55</b> 413(500-1)		<b>420/60</b> 413(500-11/8)	
CIRCLING C	<b>520-1</b> 507(600-1)	<b>580-1</b> 567(600-1)	<b>1 360-3</b> 1 347(1 400-3)	<b>1 700-3</b> 1 687(1 700-3)

**NOTE**

1. Use IKHE DME when on the localizer course.
2. Circling not authorized East of RWY 18L/36R.
3. Missed approach requires minimum climb of 350 ft/NM to 6 000 ft.

**MISSSED APPROACH minimum climb rate**

KNOTS	60	120	180	240	300	TO
V/V (fpm)	350	700	1 050	1 400	1 750	6 000

Change : Information of missed approach point.

**INTENTIONALLY**

**LEFT**

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INSTRUMENT  
APPROACH  
CHART

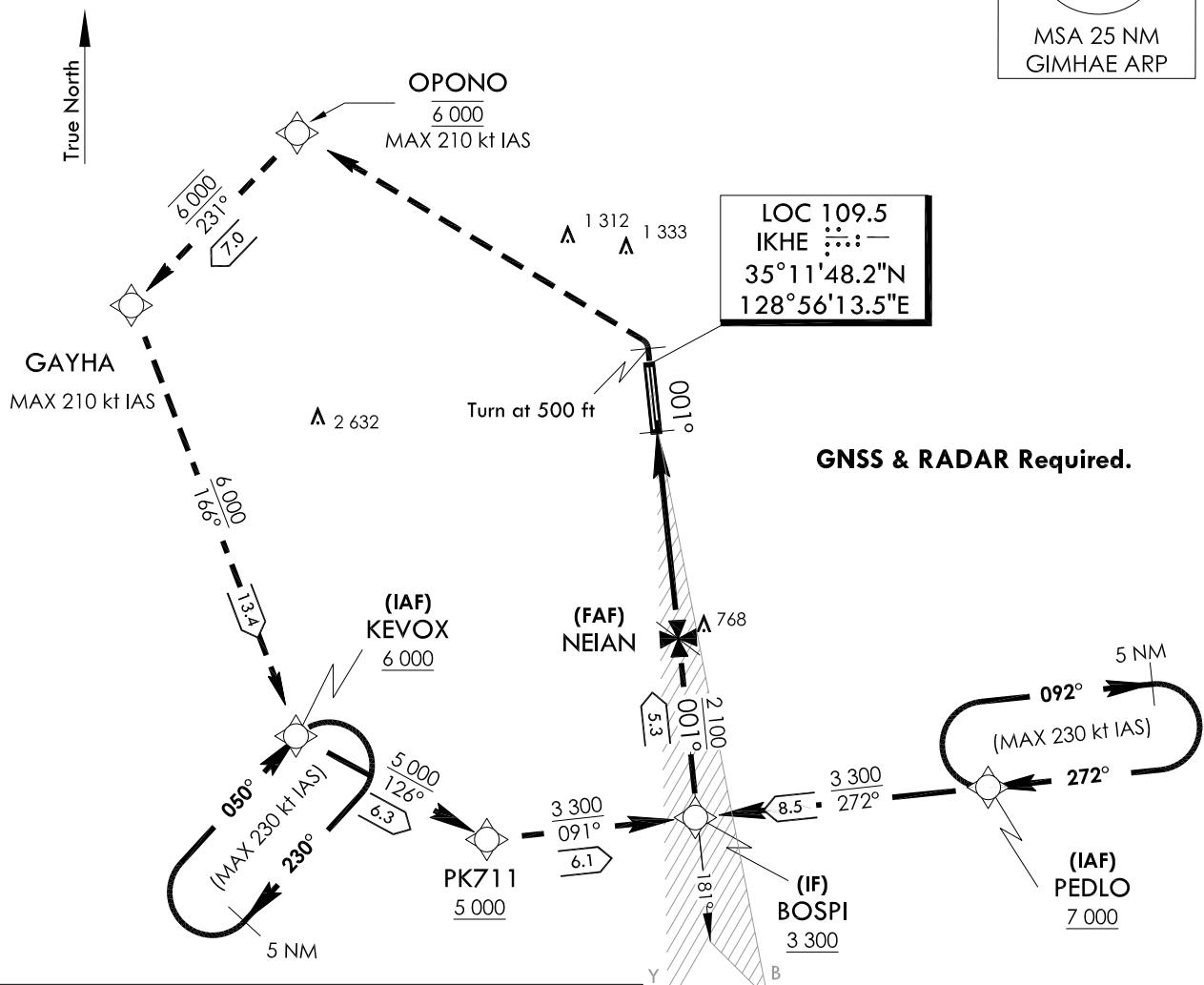
Note : Approach and circle to land under U.S. TERPS.

AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
RWY 36R ELEV TDZ 8 ft

GIMHAE APP	125.5	364.0
GIMHAE TWR	118.1	118.45
	233.3	236.6

BUSAN/Gimhae Intl(RKPK)  
ILS Z  
RWY 36R

ELEV, ALT IN FEET  
DIST IN NM  
BRG ARE MAG  
VAR 7° W



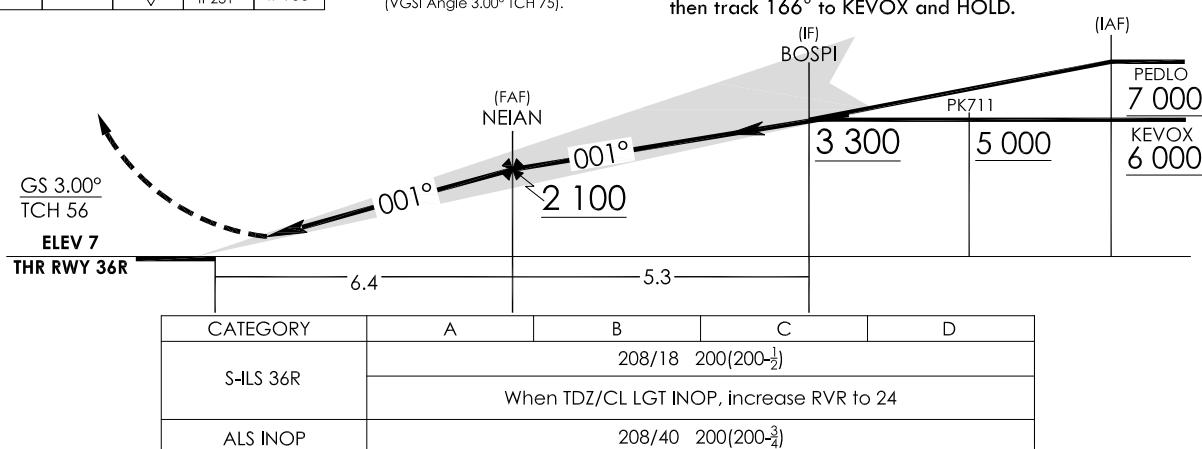
**NOTE :**  
 1. RNAV 1.0 Required.  
 2. Circling is not authorized.  
 3. Missed approach requires minimum climb of 400 ft/NM to 6 000 ft.  
 4. Limited approach to MAX 230 kt IAS and missed approach to MAX 210 kt IAS.

**NOT TO SCALE**

500	↑ ↘	OONO 6 000	GAYHA 6 000	KEVOX	TRANSITION ALT 14 000	TRANSITION LVL FL 140
NOTE : VGS and ILS glidepath not coincident (VGS Angle 3.00° TCH 75).						

**MISSED APPROACH :**

Climb to 500 ft, then left turn direct to OONO at 6 000 ft, then track 231° to GAYHA at 6 000 ft, then track 166° to KEVOX and HOLD.



Change : Information of fix names(BETTA → OONO, ZULBI → KEVOX).

**BUSAN/Gimhae INTL(RKPK)**  
**ILS Z**  
**RWY 36R**

**AERONAUTICAL DATA TABULATION**

**Instrument Approach Procedure Coding Tables**

**ILS Z Approach to RWY 36R from PEDLO to BOSPI(IF)**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track $^{\circ} \text{M}_1$	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	-	PEDLO	-	-	-	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E	-	RNAV 1	IAF
002	TF	BOSPI	-	271.7(264.2)	8.5	-	+3 300	-230	34°58'31.2"N 128°57'56.1"E	-	RNAV 1	IF

**ILS Z Approach to RWY 36R from KEVOX to BOSPI(IF)**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track $^{\circ} \text{M}_1$	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	-	KEVOX	-	-	-	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	IAF
002	TF	PK711	-	125.8(118.3)	6.3	-	+5 000	-230	34°57'51.9"N 128°50'32.3"E	-	RNAV 1	SDF
002	TF	BOSPI	-	091.3(083.8)	6.1	-	+3 300	-230	34°58'31.2"N 128°57'56.1"E	-	RNAV 1	IAF/IF

**ILS Z Approach to RWY 36R from BOSPI(IF) to MAHF**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track $^{\circ} \text{M}_1$	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	TF	BOSPI	-	-	-	-	+3 300	-230	34°58'31.2"N 128°57'56.1"E	-	RNAV 1	IF
002	TF	NEIAN	-	001.4(354.0)	5.3	-	+2 100	-	35°03'46.6"N 128°57'15.5"E	-	-	FAF
003	-	DA	-	001.4(354.0)	-	-	+208	-	-	-	LOC	DA
004	-	RWY 36R	-	001.4(354.0)	-	-	-	-	35°10'10.1"N 128°56'26.1"E	3.0/56	LOC	-
005	DF	OPOONO	-	-	-	L	@6 000	-210	35°18'24.2"N 128°53'46.2"E	-	RNAV 1	CG 400 ft/NW to 6 000
006	TF	GAYHA	-	231.3(223.8)	7.0	-	@6 000	-210	35°13'22.4"N 128°37'54.4"E	-	RNAV 1	-
007	TF	KEVOX	-	166.3(158.9)	13.4	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	-
008	HM	PEDLO	-	271.7(264.2)	5.0	R	-8 000	+7 000	34°59'23.1"N 129°08'15.3"E	-	-	-
009	HM	KEVOX	-	050(042.5)	5.0	R	-10 000	+6 000	35°00'51.7"N 128°43'47.2"E	-	-	-

Change : Information of fix names(BETTA → OPOONO, ZULBI → KEVOX).

INSTRUMENT  
APPROACH  
CHART

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

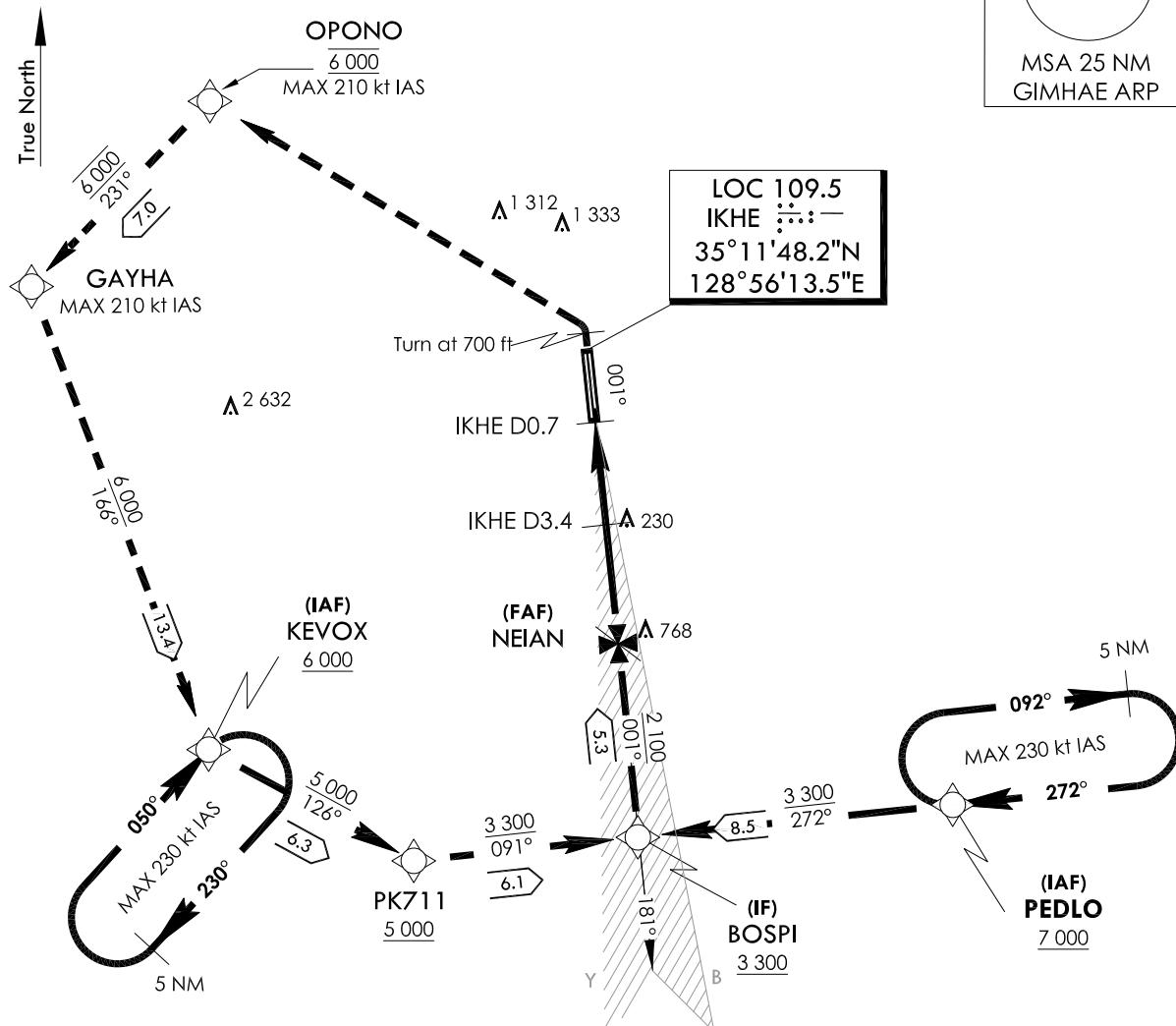
AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
THR RWY 36R - ELEV 7 ft

GIMHAE APP	125.5	364.0
GIMHAE TWR	118.1	118.45
	233.3	236.6

BUSAN/Gimhae Intl(RKPK)  
LOC/DME Z  
RWY 36R

ELEV, ALT IN FEET  
DIST IN NM  
BRG ARE MAG  
VAR 7° W

RADAR and GNSS Required.



NOTE :

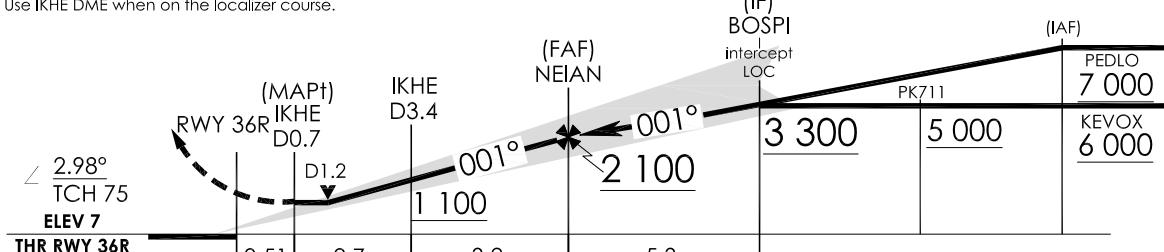
1. RNAV 1.0 Required.
2. Circling is not authorized east of RWY 36/18.
3. Missed approach requires minimum climb of 350 ft/NM to 6 000 ft.
4. Limited approach to MAX 230 kt IAS and missed approach to MAX 210 kt IAS.

700	↑	OONO 6 000	GAYHA 6 000	tr 231°	tr 166°	TRANSITION ALT 14 000
	↗					TRANSITION LVL FL 140

MISSED APPROACH :

Climb to 700 ft, then left turn direct to OONO at 6 000 ft, then track 231° to GAYHA at 6 000 ft, then track 166° to KEVOX and HOLD.

NOTE : Use IKHE DME when on the localizer course.



CATEGORY	A	B	C	D
S-LOC 36R	FULL 420/24 413(500- $\frac{1}{2}$ )		420/40 413(500- $\frac{3}{4}$ )	
ALS INOP	420/55 413(500-1)		420/60 413(500-1 $\frac{1}{8}$ )	
CIRCLING	520-1 507(600-1)	580-1 567(600-1)	1 360-3 1 347(1 400-3)	1 700-3 1 687(1 700-3)

Change : Information of fix names(BETTA → OONO, ZULBI → KEVOX).

BUSAN/Gimhae INTL(RKPK)  
LOC/DME Z  
RWY 36R

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

LOC/DME Z Approach to RWY 36R from PEDLO to BOSPI(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °N(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	-	PEDLO	-	-	-	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E	-	RNAV 1	IAF
002	TF	BOSPI	-	271.7(264.2)	8.5	-	+3 300	-230	34°58'31.2"N 128°57'56.1"E	-	RNAV 1	IF

LOC/DME Z Approach to RWY 36R from KEVOX to BOSPI(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °N(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	-	KEVOX	-	-	-	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	IAF
002	TF	PK711	-	125.8(118.3)	6.3	-	+5 000	-230	34°57'51.9"N 128°50'32.3"E	-	RNAV 1	SDF
002	TF	BOSPI	-	091.3(0833.8)	6.1	-	+3 300	-230	34°58'31.2"N 128°57'56.1"E	-	RNAV 1	IF

LOC/DME Z Approach to RWY 36R from BOSPI(IF) to MAHF

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °N(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	TF	BOSPI	-	-	-	-	+3 300	-230	34°58'31.2"N 128°57'56.1"E	-	RNAV 1	IF
002	TF	NEIAN	-	001.4(354.0)	5.3	-	+2 100	-	35°03'46.6"N 128°57'15.5"E	-	LOC	FAF
003	-	IKHE 3.4D	-	001.4(354.0)	3.2	-	+1 100	-	35°06'57.8"N 128°56'50.9"E	-	LOC	SDF
004	-	IKHE 0.7D	001.4(354.0)	2.7	-	+420			35°09'39.4"N 128°56'30.1"E	-	LOC	MAP†
005	-	RWY 36R	-	001.4(354.0)	0.51	-	-	-	35°10'10.1"N 128°56'26.1"E	3.0/56	LOC	-
006	DF	OPONO	-	-	-	L	@6 000	-210	35°18'24.2"N 128°43'46.2"E	-	RNAV 1	CG 350 ft/NW to 6 000
007	TF	GAYHA	-	231.3(223.8)	7.0	-	@6 000	-210	35°13'22.4"N 128°37'54.4"E	-	RNAV 1	-
008	TF	KEVOX	-	166.3(158.9)	13.4	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	-
009	HM	PEDLO	-	271.7(264.2)	5.0	R	-8 000	-230	34°59'23.1"N 129°08'15.3"E	-	-	-
010	HM	KEVOX	-	050(042.5)	5.0	R	-10 000	-230	35°00'51.7"N 128°43'47.2"E	-	-	-

Change : Information of fix names(BETTA → OPONO, ZULBI → KEVOX).

INSTRUMENT  
APPROACH  
CHART

AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
THR RWY 36R - ELEV 7 ft

GIMHAE APP 125.5 364.0  
GIMHAE TWR 118.1 118.45  
233.3 236.6

BUSAN/Gimhae Intl(RKPK)  
RNP RWY 36R

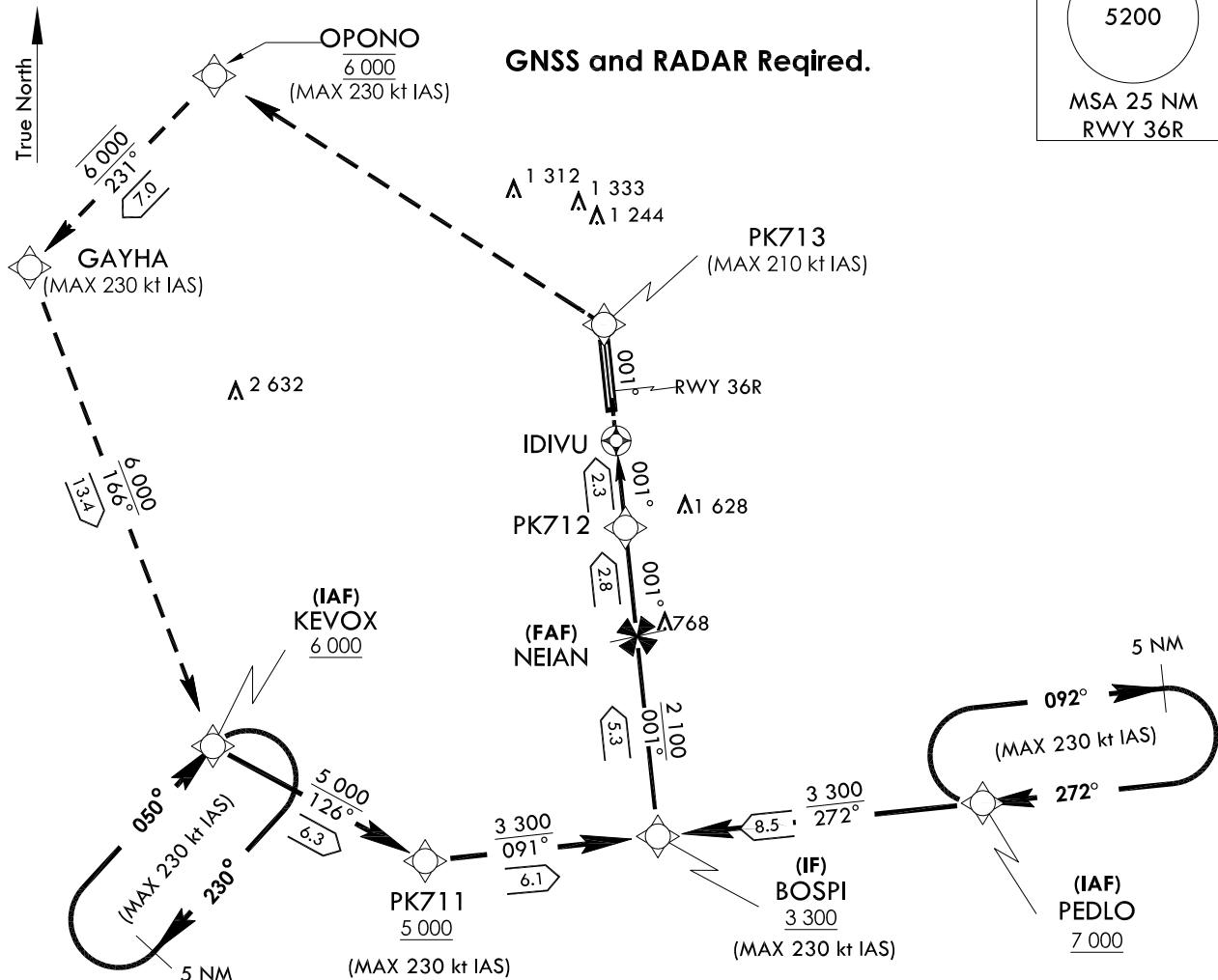
Note : Approach and circle to land under U.S. TERPS.

ELEV, ALT IN FEET  
DIST IN NM  
BRG ARE MAG  
VAR 7° W

RNP APCH

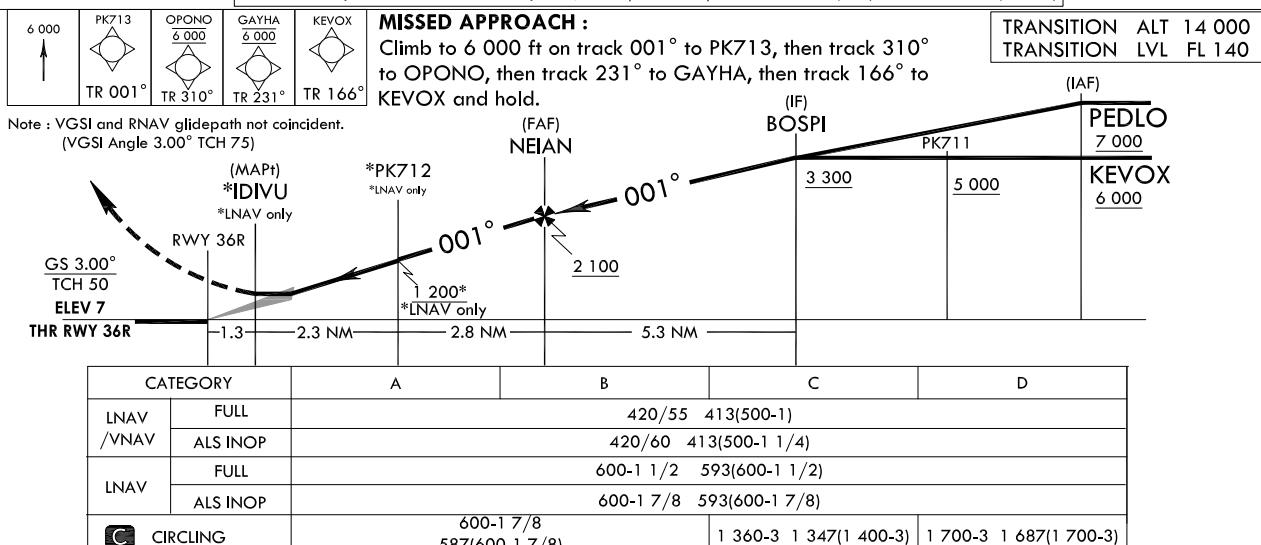
5200

MSA 25 NM  
RWY 36R



NOT TO SCALE

NOTE :  
 1. RNP 0.3 Required.  
 2. DME/DME RNP 0.3 N/A.  
 3. Missed approach requires minimum climb of 330 ft/NM to 6 000 ft.  
 4. Limit initial and missed approach to MAX 230 kt IAS.  
 5. Limit PK713 to MAX 210 kt IAS.  
 6. Bank angle used 23 degrees : PK713, OONO  
 7. Circling is not authorized east of RWY 36/18.  
 8. For uncompensated Baro-VNAV system, LNAV/VNAV N/A below -18°C(0°F) or above 54°C(130°F).



Change : Page control.

BUSAN/Gimhae INTL(RKPK)  
RNP RWY 36R

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

RNP RWY 36R - via PEDLO to BOSPI(IF)									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates
001	-	PEDLO	-	-	-	-	+7 000	-230	34°59'23.1"N 129°08'15.3"E
002	TF	BOSPI	-	271.7(264.2)	8.5	-	+3 300	-230	34°58'31.2"N 128°57'56.1"E

RNP RWY 36R - via KEVOX to BOSPI(IF)									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates
001	-	KEVOX	-	-	-	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E
002	TF	PK711	-	125.8(118.3)	6.3	-	+5 000	-230	34°57'51.9"N 128°50'32.3"E
002	TF	BOSPI	-	091.3(083.8)	6.1	-	+3 300	-230	34°58'31.2"N 128°57'56.1"E

RNP RWY 36R - via BOSPI(IF) to MAHF									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates
001	TF	BOSPI	-	-	-	-	+3 300	-230	34°58'31.2"N 128°57'56.1"E
002	TF	NEIAN	-	001.4(354.0)	5.3	-	+2 100	-	35°03'46.6"N 128°57'15.5"E
003	TF	PK712	-	001.4(354.0)	2.8	-	+1 200	-	35°06'35.6"N 128°56'53.8"E
004	TF	IDIVU	Y	001.4(354.0)	2.3	-	+600	-	35°08'52.4"N 128°56'36.2"E
005	TF	PK713	-	001.4(354.0)	3.1	-	-	-210	35°11'54.5"N 128°56'12.8"E
006	TF	OPONO	-	310.0(302.5)	12.1	-	-	-230	35°18'24.2"N 128°43'46.2"E
007	TF	GAYHA	-	231.2(223.8)	7.0	-	-	-230	35°13'22.4"N 128°37'54.4"E
008	TF	KEVOX	-	166.3(158.9)	13.4	-	+6 000	-230	35°00'51.7"N 128°43'47.2"E
009	HM	PEDLO	-	271.7(264.2)	5.0	R	-8 000	+7 000	34°59'23.1"N 129°08'15.3"E
010	HM	KEVOX	-	050(042.5)	5.0	R	-10 000	+6 000	35°00'51.7"N 128°43'47.2"E

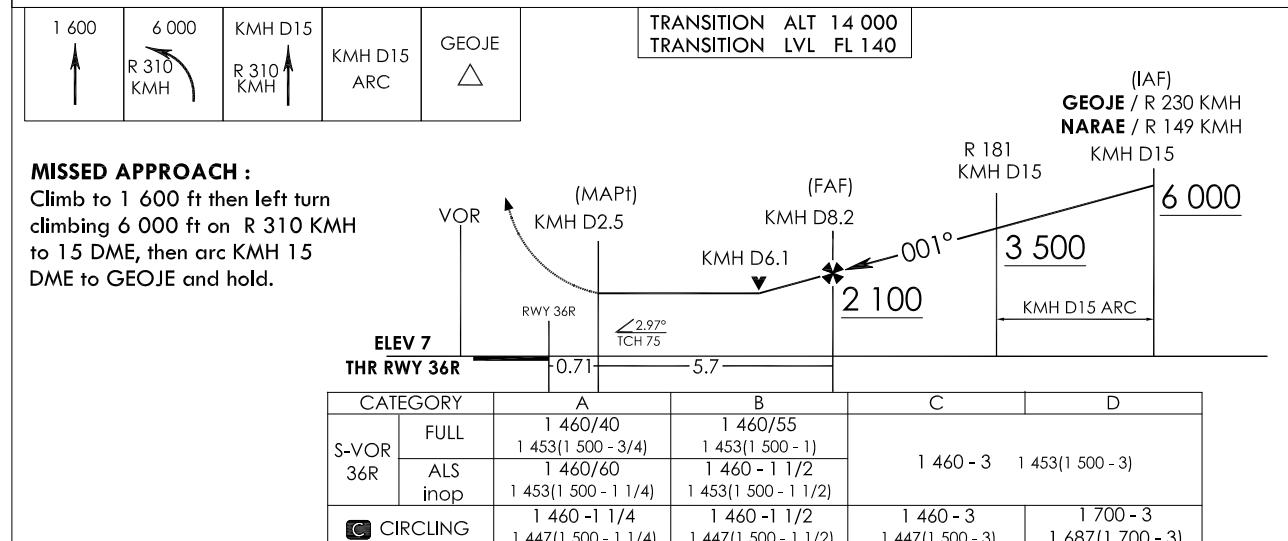
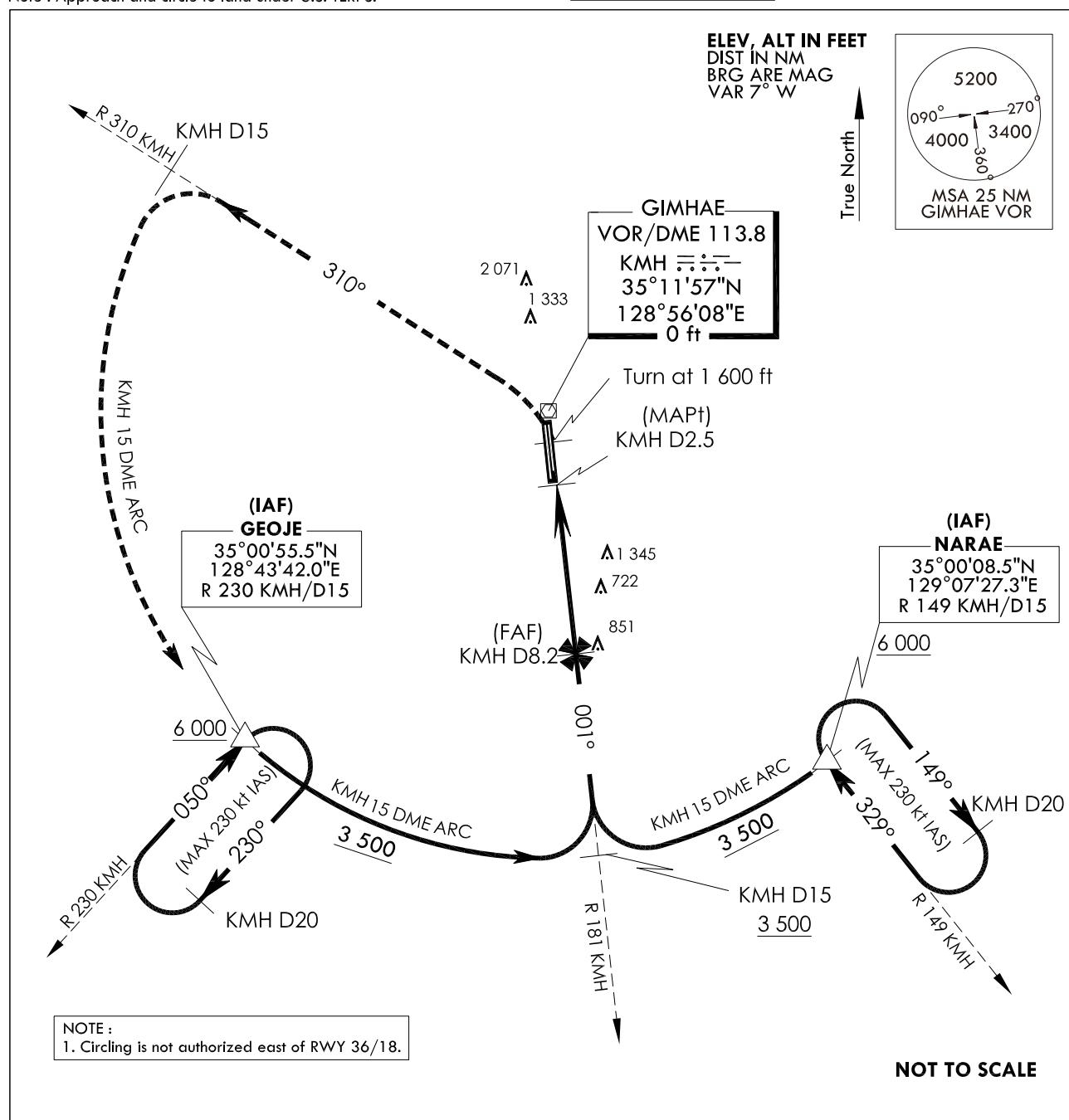
INSTRUMENT  
APPROACH  
CHART

AERODROME ELEV 13 ft  
HEIGHTS RELATED TO  
THR RWY 36R - ELEV 7 ft

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

GIMHAE APP 125.5 364.0  
GIMHAE TWR 118.1 118.45  
233.3 236.6

BUSAN/Gimhae Intl(RKPK)  
VOR/DME  
RWY 36R



Change : Information of RWY ELEV format.

**INTENTIONALLY**

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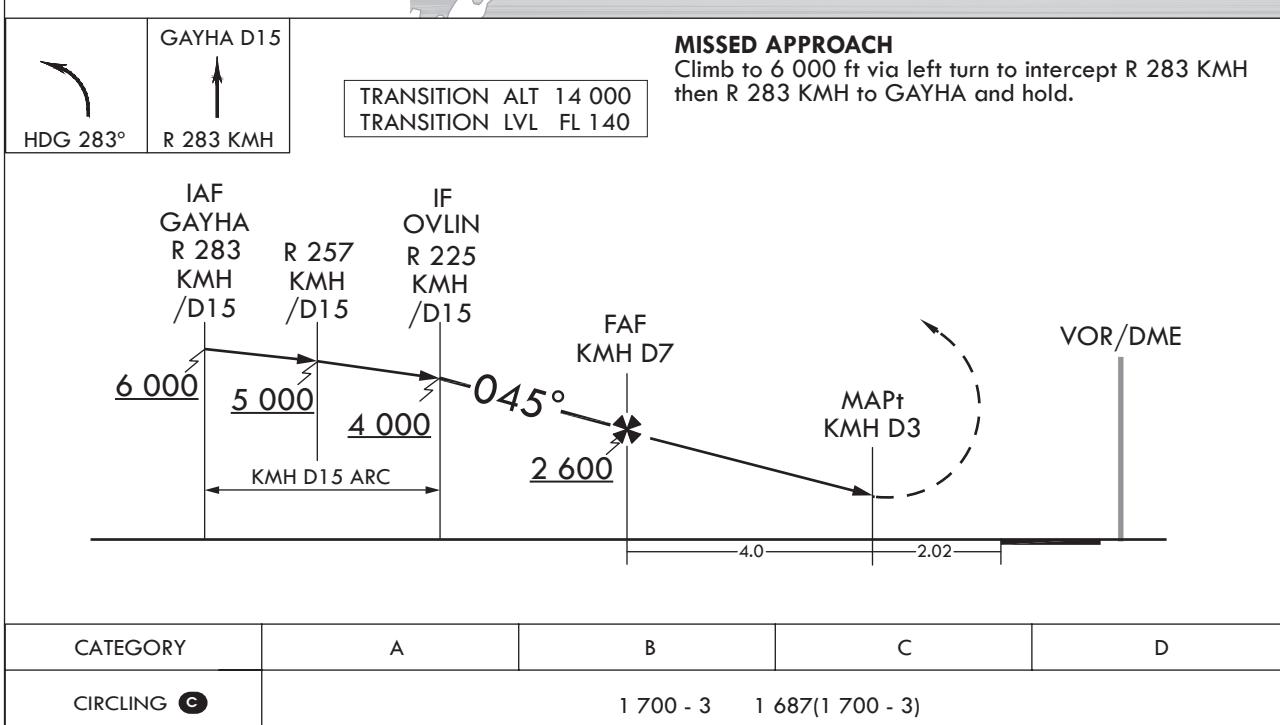
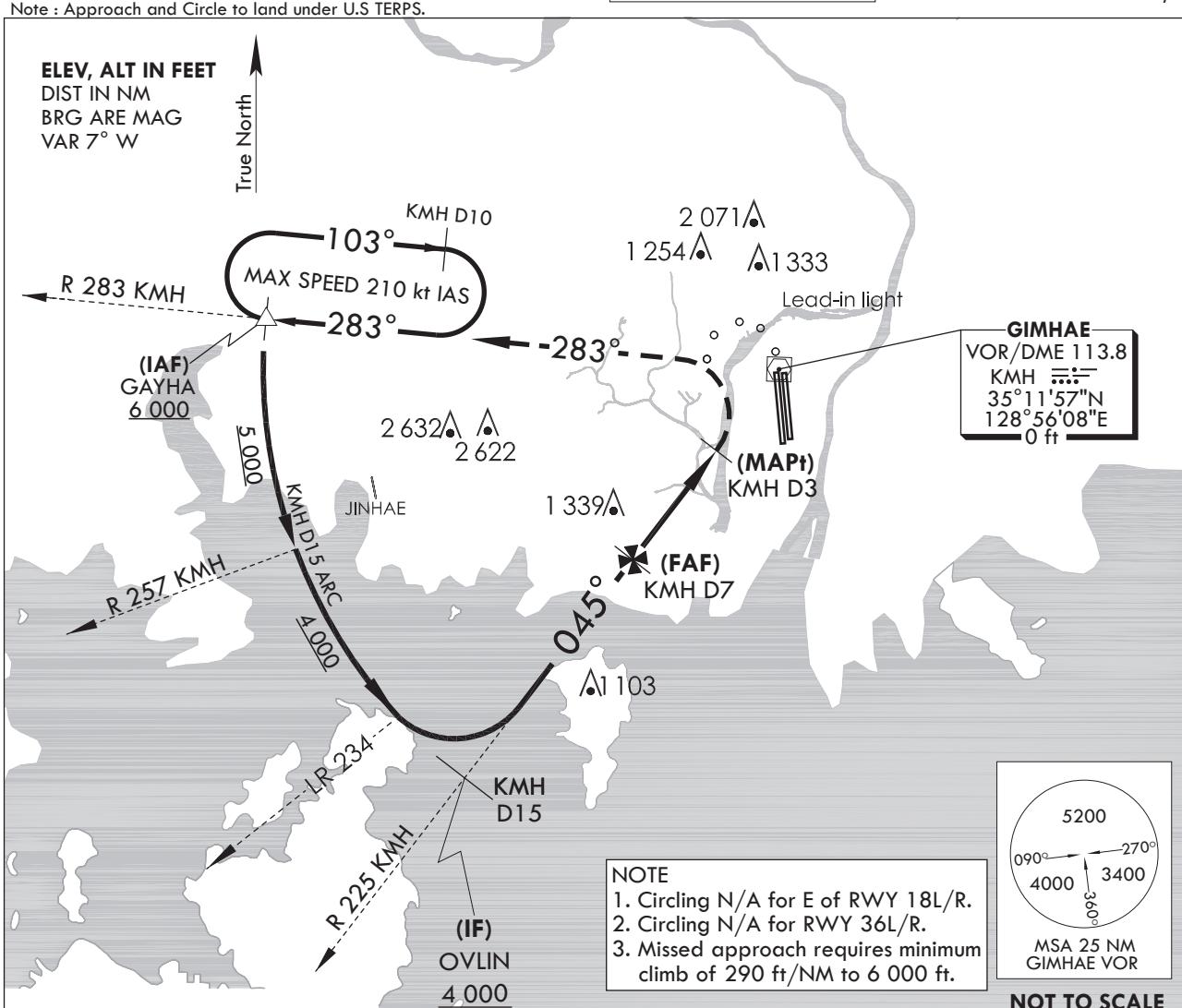
INSTRUMENT  
APPROACH  
CHART

**AERODROME ELEV 13 ft**  
HEIGHTS RELATED TO  
THR RWY 18L - ELEV 8 ft  
THR RWY 18R - ELEV 13 ft

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

GIMHAE APP	125.5	364.0
GIMHAE TWR	118.1	233.3
	118.450	236.6

**BUSAN/Gimhae INTL(RKPK)**  
**VOR/DME - A**  
**RWY 18L/R**



Change : Information of ALT restriction for OVLIN.

**INTENTIONALLY**

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INSTRUMENT  
APPROACH  
CHART

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

AERODROME ELEV 13 ft

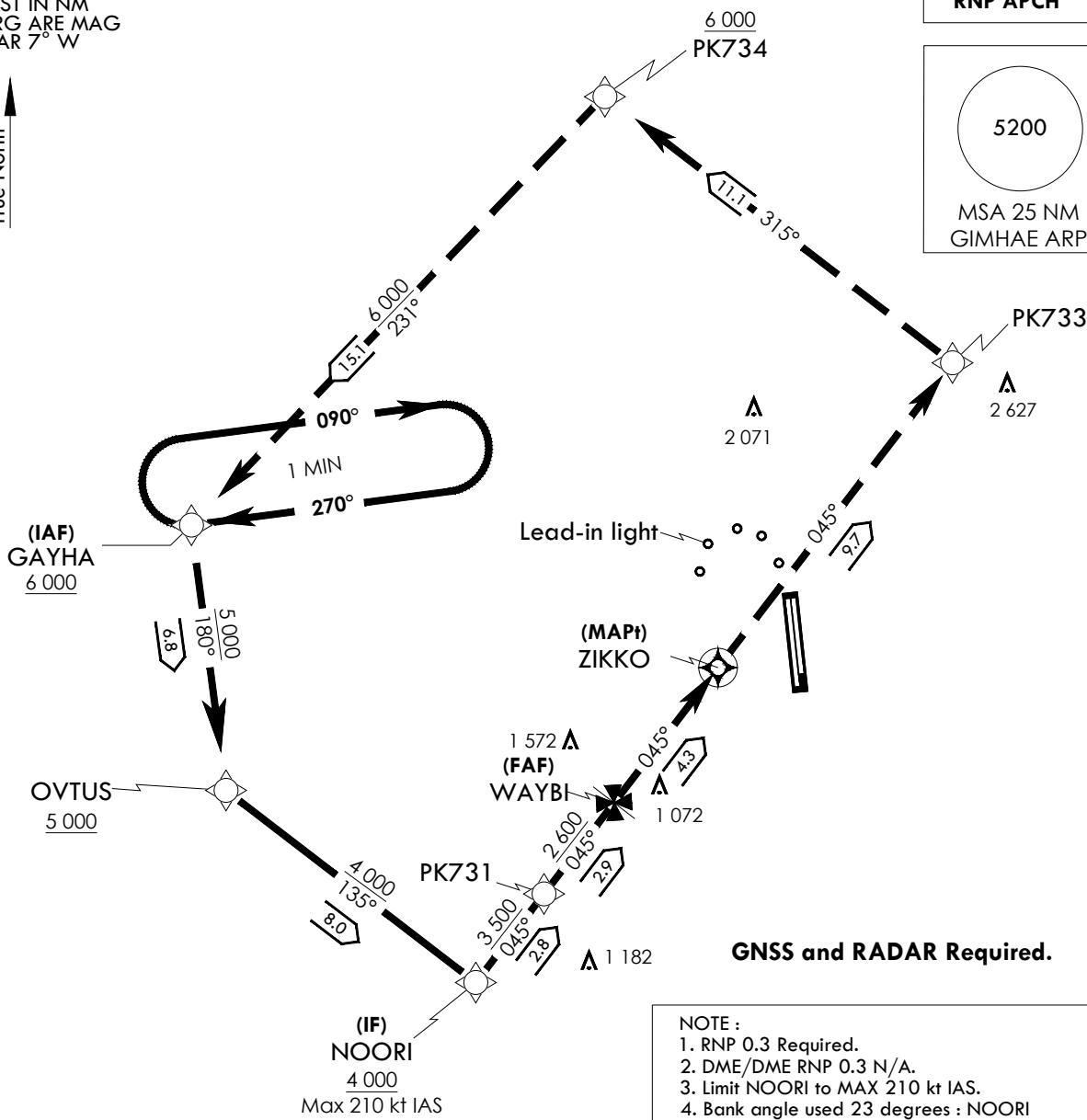
GIMHAE APP 125.5 364.0
GIMHAE TWR 118.1 118.45
233.3 236.6

BUSAN/Gimhae Intl(RKPK)

RNP B RWY 18L/R

ELEV, ALT IN FEET  
DIST IN NM  
BRG ARE MAG  
VAR 7° W

True North

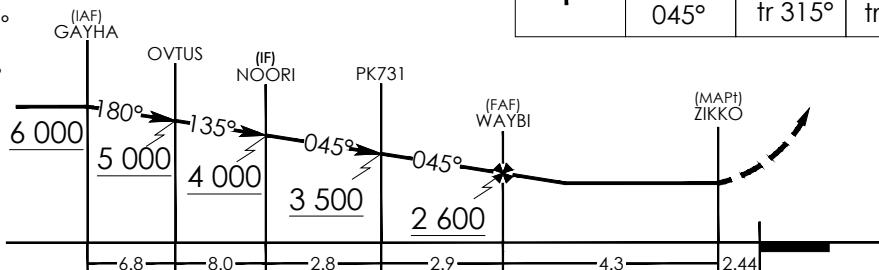


TRANSITION ALT 14 000  
TRANSITION LVL FL 140

6 000	PK733	PK734	GAYHA
	tr 045°	tr 315°	tr 231°

MISSED APPROACH :

Climb to 6 000 ft via track 045° to PK733 and track 315° to PK734, then track 231° to GAYHA and hold.



CATEGORY	A	B	C	D
LNAV/VNAV DA			N/A	
LNAV MDA			N/A	
CIRCLING		1 700-3	1 687(1 700-3)	

Change : Information of fix name(GAZEL → OVTUS).

BUSAN/Gimhae INTL(RKPK)  
RNP B RWY 18L/R

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

## RNP B RWY 18L/R

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	TF	GAYHA	-	-	-	-	+6 000	-	35°1'32".4"N 128°37'54".4"E	-	RNP APCH	IAF
002	TF	OVTUS	-	179.8(172.36)	6.75	-	+5 000	-	35°0'6"40.3"N 128°39'00.0"E	-	RNP APCH	-
003	TF	NOORI	-	134.8(127.37)	7.95	-	+4 000	-210	35°0'1"50.0"N 128°46'41.8"E	-	RNP APCH	IF
004	TF	PK731	-	044.9(037.44)	2.82	-	+3 500	-	35°0'40.4"7"N 128°48'47.2"E	-	RNP APCH	-
005	TF	WAYBI	-	044.9(037.46)	2.9	-	+2 600	-	35°0'6"23.0"N 128°50'56.2"E	-	RNP APCH	FAF
006	TF	ZIKKO	Y	044.9(037.48)	4.3	-	+1 700	-	35°0'9"48.1"N 128°54'07.8"E	-	RNP APCH	MAPt
007	TF	PK733	-	045.0(037.51)	9.7	-	+3 500	-	35°1'7"30.5"N 129°0'1"20.9"E	-	RNP APCH	-
008	TF	PK734	-	315.0(307.58)	11.07	-	+6 000	-	35°2'41.5"6"N 128°50'37.2"E	-	RNP APCH	-
009	TF	GAYHA	-	231.3(223.81)	15.05	-	+6 000	-	35°1'32".2"N 128°37'54".4"E	-	RNP APCH	-
010	HM	GAYHA	-	270(262.5)	-	R	-10 000 +6 000	-210	35°1'32".4"N 128°37'54".4"E	-	-	(Inbound timing) <sup>1</sup> min

Change : Information of fix name(GAZEL → OVTUS).