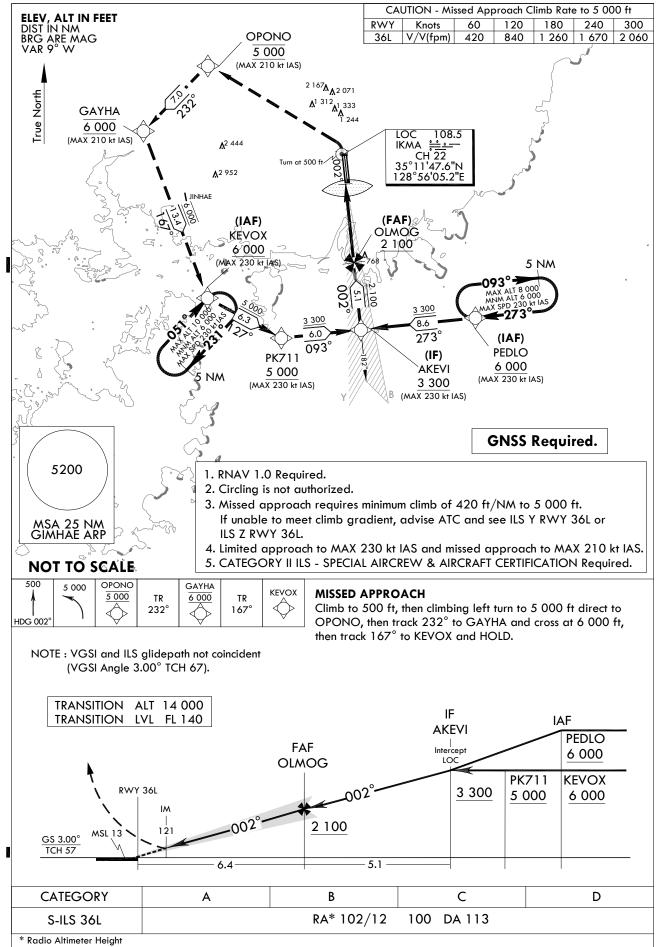
AERODROME ELEV 13 ft HEIGHTS RELATED TO RWY 36L ELEV TDZ 13 ft GIMHAE APP 125.5 364.0 GIMHAE TWR 118.1 118.45 233.3 236.6 BUSAN/Gimhae Intl(RKPK) ILS RWY 36L CAT II



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

AERONAUTICAL DATA TABULATION

Tables
Coding
rocedure
7
Approach
Instrument

ILS RWY :	ILS RWY 36L CAT II - via PEDLO to AKEVI(IF)	via PEDLO	to A	(EVI(IF)								
Serial Number	Path Descriptor	Waypoint Identifier	Fly- over	Serial Path Waypoint Fly- Course/Track Number Descriptor Identifier over °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
100	1	PEDLO	٠	,	ı	ı	000 9+	-230	34°59'23.1"N 129°08'15.3"E		RNAV 1	IAF
002	11	AKEVI		- 272.59(264.07)	8.6	•	+3 300	-230	34°58'29.0"N 128°57'48.0"E	,	RNAV 1	Ħ
ILS RWY 3	IIS RWY 36L CAT II - via KEVOX to AKEVI(IF)	via KEVOX	(to A	KEVI(IF)								
Serial Number	Serial Path Waypoint Fly- Course/ Number Descriptor Identifier over M(Waypoint Identifier	FIy-	Course/Track ^M(°T)	Distance (NM)	'/Track Distance Turn Attitude Speed (°T) (NM) direction (ft) (kt)	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	VPA/ Navigation TCH specification	Remarks
100		KEVOX				,	000 9+	-230	35°00'51.7"N 128°43'47.2"E		RNAV 1	IAF
005	Ħ	PK711		- 126.82(118.30)	6.3	,	+5 000	-230	34°57'51.9"N 128°50'32.3"E		RNAV 1	SDF

34°58'29.0"N 128°57'48.0"E

+3 300

9.0

092.58(084.06)

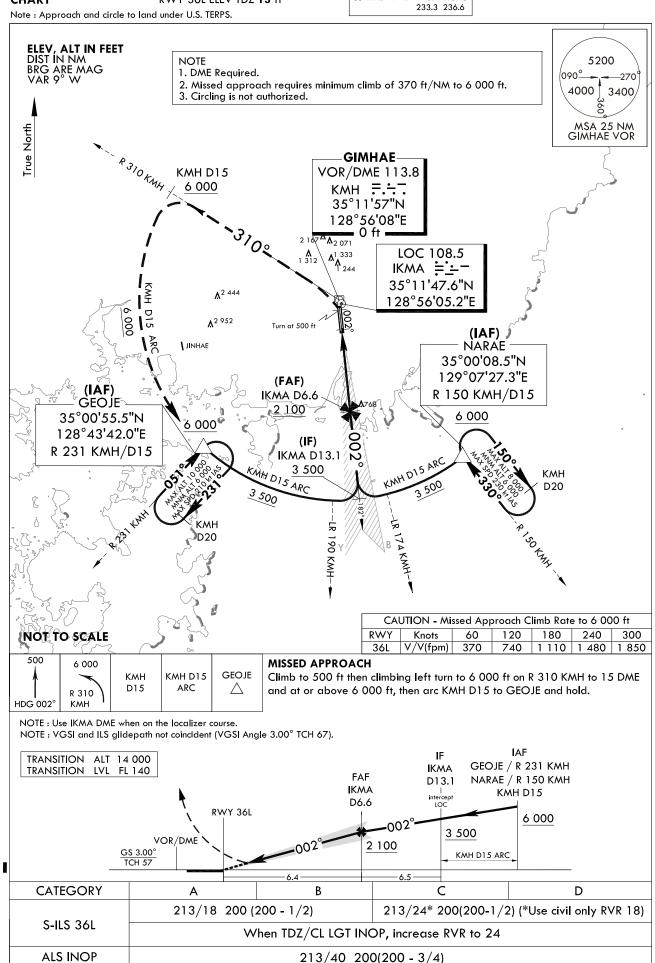
003

ı									
	Remarks	╚	FAF	PA	-	CG 420 ft/NM to 5 000 ft	•	•	-
	Navigation specification	RNAV 1	-	10C	701	RNAV 1	RNAV 1	RNAV 1	RNAV 1
	VPA/ TCH				3.0/57				
	Coordinates	34°58'29.0"N 128°57'48.0"E	35°03'32.1"N 128°57'09.1"E		35°09'54.7"N 128°56'19.8"E		35°18'24.2"N 128°43'46.2"E	35°13'22.4"N 128°37'54.4"E	35°00'51.7"N 128°43'47.2"E
	Speed (kt)	-230			-	-210	-210	-210	-230
	Altitude (ft)	+3 300	+2 100	+113		+500	@2 000	000 9@	000 9+
	Turn direction	ı	-		ı		l l		-
	Track Distance T) (NM)		5.1					7.0	13.4
NAHF	Course/Track °M(°T)		- 002.49(353.97)	- 002.49(353.97)	- 002.49(353.97)	- 002.49(353.97)		232.27(223.75)	- 167.38(158.86) 13.4
=) to ∧	Fly- over		-			-			-
via AKEVI(I	Waypoint Identifier	AKEVI	OLMOG	DA	RWY 36L	-	OPONO	САҮНА	KEVOX
ILS RWY 36L CAT II - via AKEVI(IF) to MAHF	Serial Path Waypoint Fly- Course/Tr Number Descriptor Identifier over °M(°T)	Ľ	TF			۸۸	PF	1L	TF
ILS RWY 3	Serial Number	100	002	003	004	900	900	200	800

OLDING PROCEDUR	щ											
Holding Identification	Path Waypoint Descriptor Identifier	Waypoint Identifier	Fly-	PIy- Course/Track Distance over %M(°T) (NM) dir	Distance (NM)	Turn direction	Turn Altitude irection (ft)	Speed (kt)	Coordinates	VPA/ TCH	VPA/ Navigation TCH specification	Remarks
- + + () × × × × × × × × × × × × × × × × ×	HW	PEDLO		272.59(264.07)	5.0	R	-8 000 +6 000	-230	34°59'23.1"N 129°08'15.3"E		RNAV 1	Hold at PEDLO E Right Turn 273° Inbound 5 NM Leg.
ILS KWT 30L CALII	WH	KEVOX		051.05(042.53)	5.0	R	-10 000 +6 000	-230	35°00'51.7"N 128°43'47.2"E		RNAV 1	Hold at KEVOX SW Right Turn 051° Inbound 5 NM Leg.

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

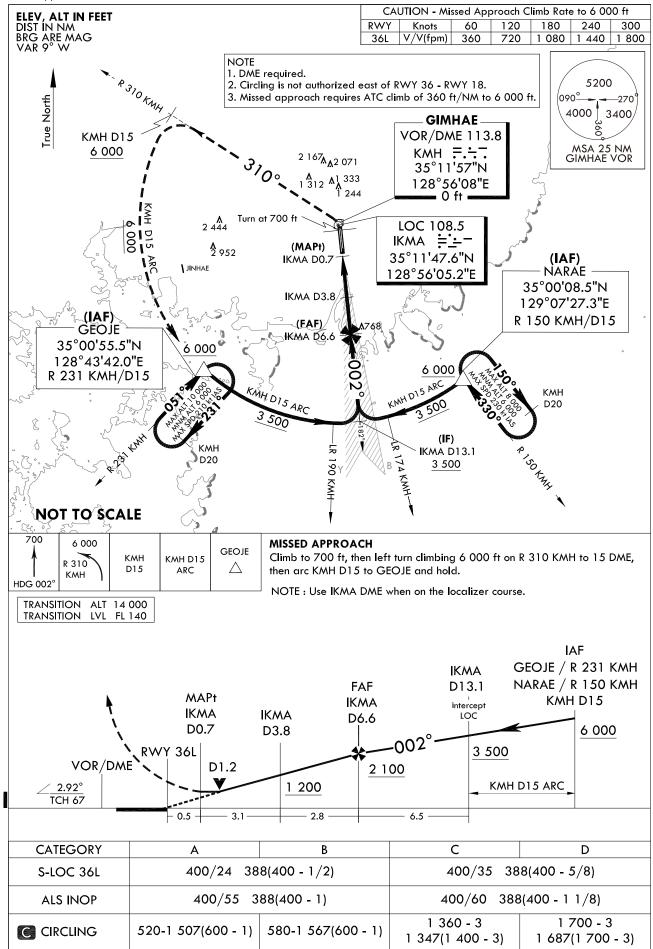
GIMHAE APP 125.5 364.0 GIMHAE TWR 118.1 118.45 233.3 236.6 BUSAN/Gimhae Intl(RKPK) ILS Y RWY 36L



LEFT

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 Y RWY 36L

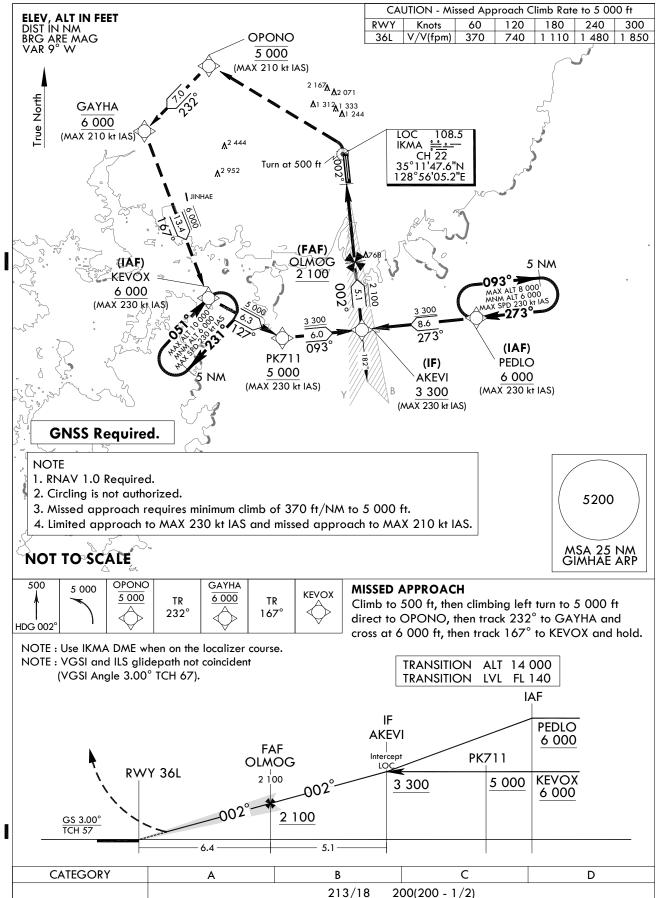


LEFT

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.



When TDZ/CL LGT INOP, increase RVR to 24

200(200 - 3/4)

213/40

S-ILS 36L

ALS INOP

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

Tables	
Coding	
Procedure	
Approach	
Instrument /	

.Y 36L	- via PE	ILS Z RWY 36L - via PEDLO to AKEVI(IF)	KEVI(II										
~ 0	Serial Path Umber Descriptor	Waypoint Identifier	F, S	Course/Track Distance (NM)		Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH sp	Navigation specification	Remarks	
		PEDLO			-	-	000 9+	-230	34°59'23.1"N 129°08'15.3"E		RNAV 1	IAF	
	#	AKEVI		272.59(264.07)	8.6	-	+3 300	-230	34°58'29.0"N 128°57'48.0"E		RNAV 1	4	

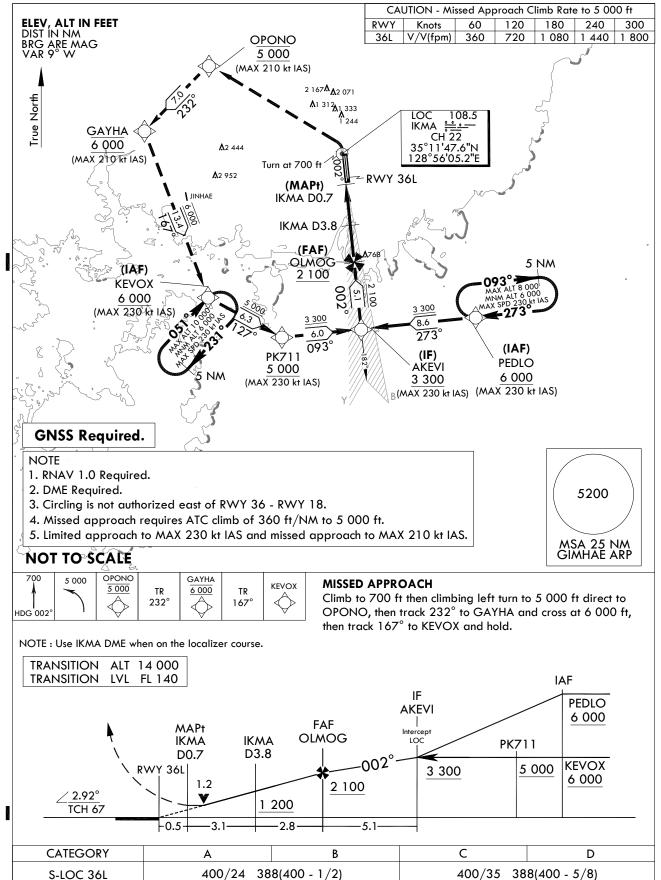
(NM) direction (ft) (kt) Coordinates TCH specification Remarks	- +6 000 -230 35°00'51.7"N 128°43'47.2"E - RNAV 1	- +5 000 -230 34°57′51.9″N 128°50′32.3″E - RNAV 1 SDF	- +3 300 -230 34°58′29.0″N 128°57′48.0″E - RNAV 1
Distance (NM) di		6.3	0.9
Serial Path Waypoint Fly- Course/Track \Box Vumber Descriptor Identifier over ${}^{\circ}M({}^{\circ}T)$		PK711 - 126.82(118.30)	AKEVI - 092.58(084.06)
Fly- over	٠		٠
Waypoint Identifier	KEVOX	PK711	AKEVI
Path Descriptor		¥	TF
Serial Number	100	002	003

	Remarks	브	FAF	Δ		CG 370 ft/NM to 5 000 ft		•	
	VPA/ Navigation TCH specification	RNAV 1	ı	707	100	RNAV 1	RNAV 1	RNAV 1	RNAV 1
	VPA/ TCH	-	ı		3.0/57				
	Coordinates	34°58'29.0"N 128°57'48.0"E	35°03'32.1"N 128°57'09.1"E		35°09'54.7"N 128°56'19.8"E		35°18'24.2"N 128°43'46.2"E	35°13'22.4"N 128°37'54.4"E	35°00'51.7"N 128°43'47.2"E
	Speed (kt)	-230				-210	-210	-210	-230
	Altitude 3	+3 300	+2 100	,		+500	@2 000	000 9@	000 9+
	Turn directio	-			,		l l	ı	
	Track Distance T) (NM)		5.1					7.0	13.4
	Course/Track °M(°T)	-	- 002.49(353.97)	- 002.49(353.97)	- 002.49(353.97)	- 002.49(353.97)	-	- 232.27(223.75)	167.38(158.86)
MAHF	Fly- over								
KEVI(IF) to	Waypoint Identifier	AKEVI	OLMOG	DA	RWY 36L	-	OPONO	САУНА	KEVOX
ILS Z RWY 36L - via AKEVI(IF) to MAHF	Serial Path Waypoint Fly-Course/ Number Descriptor Identifier over °M(°	±1L	ŦĿ			٧٨	DF	Ħ	1IF
ILS Z RWY	Serial Number	100	002	003	004	005	900	200	800

3	F Contactor			
Waypoint Fly- $ouse/$	orm Altitude Speer ction (ft) (kt)	Coordinates	rA/ Navigation TCH specification	Remarks
PEDLO - 272.59(264.07) 5.0	R -8 000 -230 +6 000	34°59'23.1"N 129°08'15.3"E	- RNAV 1	Hold at PEDLO E Right Turn 273° Inbound 5 NM Leg.
KEVOX - 051.05(042.53) 5.0	R -10 000 -230 +6 000	35°00'51.7"N 128°43'47.2"E	- RNAV 1	Hold at KEVOX SW Right Turn 051° Inbound 5 NM Leg.

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 Z RWY 36L

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



400/55

520-1 507(600 - 1)

388(400 - 1)

580-1 567(600 - 1)

ALS INOP

CIRCLING

1700 - 3

1 687(1 700 - 3)

388(400 - 1 1/8)

400/60

1 347(1 400 - 3)

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

Tables
Coding
rocedure
Approach P
nstrument A
_

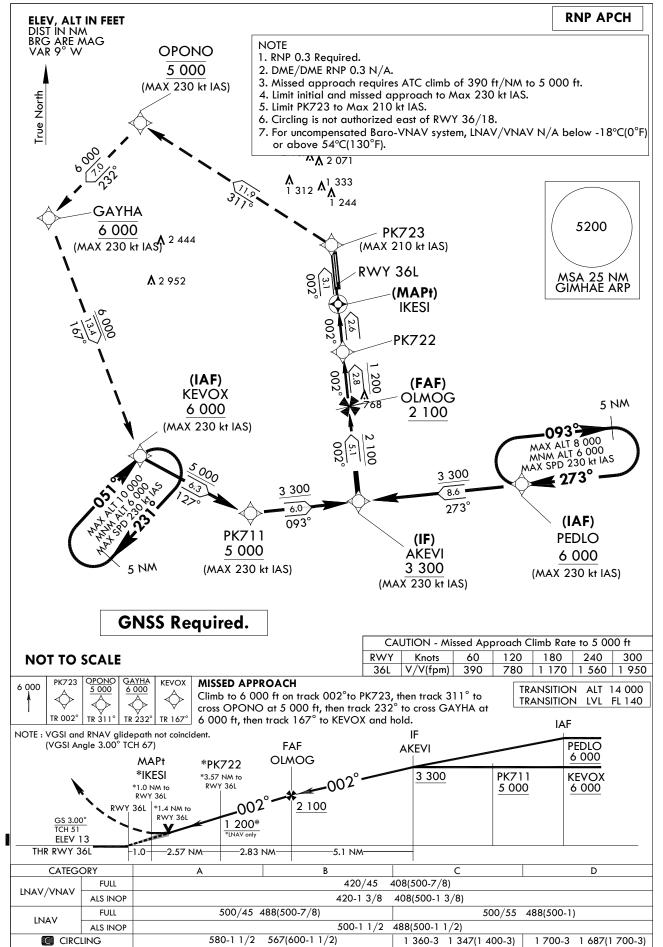
36L - v	OC Z RWY 36L - via KEVOX to AKEVI(IF)	AKE	(E)								
Path Descripto	Serial Path Waypoint Fly- Course/Tro Number Descriptor Identifier over ^M(°T)	Fly- over	Course/Track °M(°T)	rack Distance (NM)	Turn Altitude Speed direction (ft) (kt)	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	VPA/ Navigation TCH specification	Remarks
	KEVOX				,	+6 000	-230	35°00'51.7"N 128°43'47.2"E		RNAV 1	IAF
¥	PK711		126.82(118.30)	6.3		+5 000	-230	34°57'51.9"N 128°50'32.3"E		RNAV 1	SDF
¥	AKEVI		092.58(084.06)	6.0		+3 300	-230	34°58'29.0"N 128°57'48.0"E		RNAV 1	≝

Remarks	뜨	FAF	SDF	MAPt	·	CG 360 ft/NM to 5 000 ft	CG 360 ft/NM to 5 000 ft	,	
Navigation specification	RNAV 1	701	700	701	701	RNAV 1	RNAV 1	RNAV 1	RNAV 1
VPA/ TCH					3.0/67				
Coordinates	34°58'29.0"N 128°57'48.0"E	35°03'32.1"N 128°57'09.1"E			35°09'54.7"N 128°56'19.8"E		35°18'24.2"N 128°43'46.2"E	35°13'22.4"N 128°37'54.4"E	35°00'51.7"N 128°43'47.2"E
Speed (kt)	-230					-210	-210	-210	-230
Altitude (ft)	+3 300	+2 100	+1 200	+400		+700	@2 000	@6 000	000 9+
Turn direction				ı			7		
rack Distance (NM)	1	5.1	2.8	3.1	0.5			7.0	13.4
Course/Track °M(°T)	1	002.49(353.97)	002.49(353.97)	002.49(353.97)	002.49(353.97)	002.49(353.97)		232.27(223.75)	167.38(158.86)
Fly- over									
Waypoint Fly- Course/Trc	AKEVI	OLMOG	IKWA D3.8	IKWA D0.7	RWY 36L		ONOOO	САУНА	KEVOX
Serial Path Waypoint Fly- Number Descriptor Identifier over	11	11				Α>	ЪF	¥	¥
Serial Iumber	100	002	003	004	900	900	200	800	600

HOLDING PROCEDURE	ų.			ļ						-	-	
Holding Identification	Path Descriptor	Waypoint Identifier	Fly- over	Path Waypoint Fly- Course/Track Distance Turn Altitude Speed Descriptor Identifier over ${}^{\circ}M({}^{\circ}T)$ (NM) direction (ft) (k1)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ No TCH spe	VPA/ Navigation TCH specification	Remarks
	HW	PEDLO		272.59(264.07) 5.0	5.0	æ	000 8- + 6 000	-230	34°59'23.1"N 129°08'15.3"E		RNAV 1	Hold at PEDLO E Right Turn 273° Inbound 5 NM Leg.
LOC 2 KW 1 30L	НМ	KEVOX		051.05(042.53)	5.0	R	-10 000 +6 000	-230	35°00'51.7"N 128°43'47.2"E	-	RNAV 1	Hold at KEVOX SW Right Turn 051° Inbound 5 NM Leg.

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



BUSAN/Gimhae Intl(RKPK) RNP RWY 36L

Tables
Coding
Procedure
Approach
Instrument

Remarks	IAF	±
Navigation specification	RNP APCH	RNP APCH
VPA/ TCH		
Coordinates	34°59'23.1"N 129°08'15.3"E	34°58'29.0"N 128°57'48.0"E
Speed (kt)	-230	-230
Altitude (ft)	000 9+	+3 300
Turn direction		
Distance (NM)		8.6
, Jou		272.59(264.07)
Fly- over		
Waypoint Identifier	PEDLO	AKEVI
Path Descriptor		TF.
Serial Number	100	002
	Path Waypoint Fly- Course/Track Distance Turn Altitude Speed Coordinates Over (NM) direction (ft) (kt) (kt) (kt) (kt) (kt) (kt) (kt) (k	Path Waypoint Indentifier IVA Course/Track Distance Turn (INM) Altitude (ft) Speed (kt) Coordinates VPA/ ICH Navigation TCH Descriptor Identifier over (INM) (INM) direction direction (Ht) (Kt) (Kt) (Kt) TCH specification - - - +6 000 -230 34°59'23.1"N 129°08'15.3"E - RNP APCH

	Remarks	IAF	SDF	브
	VPA/ Navigation TCH specification	RNP APCH	RNP APCH	RNP APCH
	VPA/ TCH			-
	Coordinates	35°00'51.7"N 128°43'47.2"E	34°57'51.9"N 128°50'32.3"E	34°58'29.0"N 128°57'48.0"E
	Speed (kt)	-230	-230	-230
	Turn Altitude Speed direction (ft) (kt)	+6 000	+5 000	+3 300
		ı		-
	Distance (NM)		6.3	9.9
<u></u>	Serial Path Waypoint Fly- Course/Track Number Descriptor Identifier over $^{\circ}$ M($^{\circ}$ T)		- 126.82(118.30)	- 092.58(084.06)
N=V	Fly- over			-
EV CA 10 A	Waypoint Identifier	KEVOX	PK711	AKEVI
KINE KW I SOL - VIG NEV ON TO ANEVI(IF)	Path Descriptor	ı	#	TF
ו אא א דאו	Serial Number	100	002	003

ı									
	Remarks	ዛ	FAF	SDF	MAPt	CG 390 ft/NM to 5 000 ft	CG 390 ft/NM to 5 000 ft	•	•
	Navigation specification	RNP APCH							
	VPA/ TCH								
	Coordinates	34°58'29.0"N 128°57'48.0"E	35°03'32.1"N 128°57'09.1"E	35°06'21.1"N 128°56'47.3"E	35°08'54.9"N 128°56'27.5"E	35°11'59.2"N 128°56'03.7"E	35°18'24.2"N 128°43'46.2"E	35°13'22.4"N 128°37'54.4"E	35°00'51.7"N 128°43'47.2"E
	Speed (kt)	-230				-210	-230	-230	-230
	Altitude (ft)	+3 300	+2 100	+1 200	+500	-	@2 000	000 9@	+6 000
	Turn directio	-				-			
	Distance (NM)		5.1	2.83	2.57	3.08	11.9	7.0	13.4
	Path Waypoint Fly- Course/Track Distance Descriptor Identifier over "M("T) (NM)		002.49(353.97)	002.48(353.96)	Y 002.48(353.96)	002.47(353.95)	311.05(302.53)	232.27(223.75)	167.38(158.86)
MAHF	Fly- over	-			>-	-			
KEVI(IF) to /	Waypoint Identifier	AKEVI	OLMOG	PK722	IKESI	PK723	OPONO	САҮНА	KEVOX
RNP RWY 36L - via AKEVI(IF) to MAHF	Serial Path Waypoint Fly- Number Descriptor Identifier over	ŦF	Ŧ	Ŧ	11	TF	TF	TF	TF
RNP RWY	Serial Number	100	002	003	004	500	900	200	800

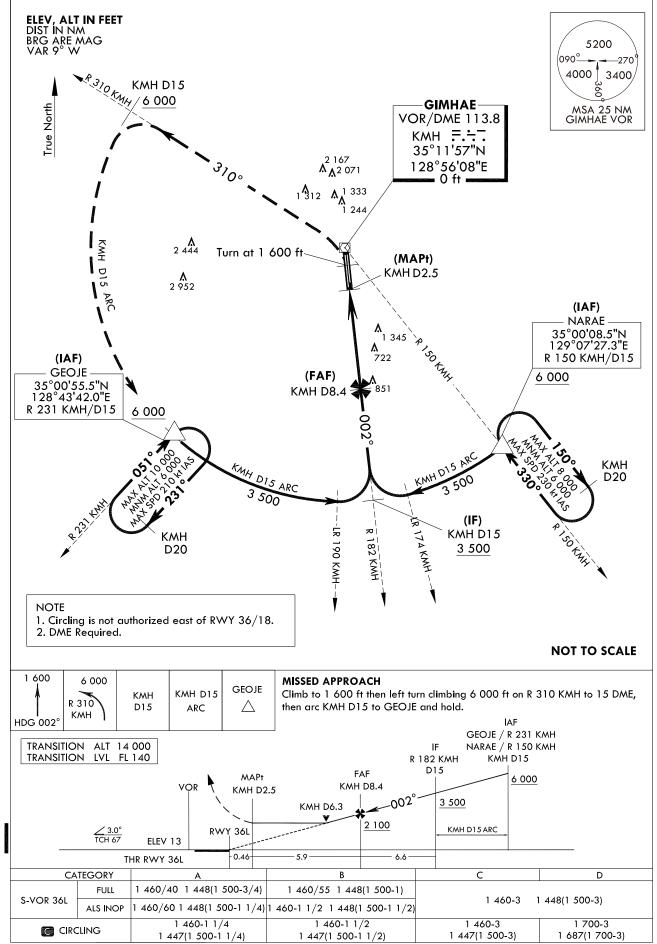
		ght Turn M Leg.	Right Turn M Leg.
	Remarks	Hold at PEDLO E Right Turn 273° Inbound 5 NM Leg.	Hold at KEVOX SW Right Turn 051° Inbound 5 NM Leg.
	VPA/ Navigation TCH specification	RNAV 1	RNAV 1
	VPA/ TCH		
	Coordinates	34°59'23.1"N 129°08'15.3"E	35°00'51.7"N 128°43'47.2"E
	Speed (kt)	-230	-230
	Altitude (ft)	-8 000 +6 000	-10 000 +6 000
		œ	В
	Distance (NM)	5.0	5.0
	Course/Track Distance Turn °M(°T) (NM) direction	272.59(264.07)	051.05(042.53)
	Fly-		
	Waypoint Identifier	PEDLO	KEVOX
ц	Path Descriptor	¥H	WH
HOLDING PROCEDUR	Holding Identification		KINF KVVT 30L

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

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 RWY 36L



LEFT

INSTRUMENT BUSAN/Gimhae Intl(RKPK) **AERODROME ELEV 13 ft** GIMHAE APP 125.5 364.0 **APPROACH** HEIGHTS RELATED TO **ILS Y RWY 36R** GIMHAE TWR 118.1 118.450 CHART RWY 36R ELEV TDZ 8 ft 233.3 236.6 Note: Approach and circle to land under U.S. TERPS. NOTE **ELEV, ALT IN FEET** 1. DME Required. 5200 Circling is not authorized.
 Missed approach requires minimum climb DIST IN NM P310 KMH **BRG ARE MAG** 090 of 400 ft/NM to 6 000 ft. VAR 9°W 4000 3400 KMH D15 MSA 25 NM GIMHAE VOR GIMHAE VOR/DME 113.8 ⁷89 EMERG SAFE ALT 100 NM 8400 KMH **=:** 35°11'57"N True 1519 128°56'08"E , 333/\ When ATC advised Turn KMH 15 DME arc LOC 109.5 ^{∆2} 442 IKHE ::: to GEOJE. 35°11'48.2"N 128°56'13.5"E <u>^</u>2 952 JINHAE 002 BUSAN Turn at 500 f 5 NM/3 000 ft VORTAC 114.0 PSN 35°07'21"N 128°59'58"E W45/V543/Y253 (IAF) NARAE – 35°00'08.5"N 129°07'27.3"E (FAF) IKHE D6.6 R 150 KMH/D15 KMH <u> 2 100</u> 6 000 <u> 000</u> (IF) — GEOJE — 35°00'55.5"N 128°43'42.0"E R 231 KMH/D15 IKHE D13. **KMH** KMH D1 3 500 3 500 D20 D15 ARC 3 500 另 KMH KMH D20 06 4512 2 CAUTION - Minimum Approach Climb Rate to 6 000 ft 180 240 **RWY** Knots 60 120 300 NOT TO SCALE 36R /V(fpm) 400 800 1 200 1 600 6 000 500 **MISSED APPROACH** GEOJE KMH KMH D15 Climb to 500 ft then climbing left turn to 6 000 ft on R 310 KMH to 15 DME D15 R 310 and at or above 6 000 ft, then arc KMH D15 to GEOJE and hold. KMH HDG 002 GEOJE / R 231 KMH TRANSITION ALT 14 000 NARAE / R 150 KMH TRANSITION LVL FL 140 ΙF KMH D15 IKHE D13.4 **IKHE** R 310 Intercept LOC VOR/DME **RWY 36R** KMH 6 000 (5 992) GP DME GP 3.0° 002 LOC 3 500 (3 492) 2 100 (2 092) -3109 GS 3.00° KMH D15 ARC ELEV 7 TCH 56 THR RWY 36R 6.4 NM 6.8 NM NOTE **CATEGORY** В C Α 1. Use IKHE DME when on the localizer course. 208/24* 200 (200-1/2) 208/18 200 (200-1/2) 2. VGSI and ILS glidepath not coincident. *Use civil only RVR 18 S-ILS 36R (VGSI Angle 3.00° TCH 75) When TDZ/CL LGT INOP, increase RVR to 24

208/40 200 (200-3/4)

ALS INOP

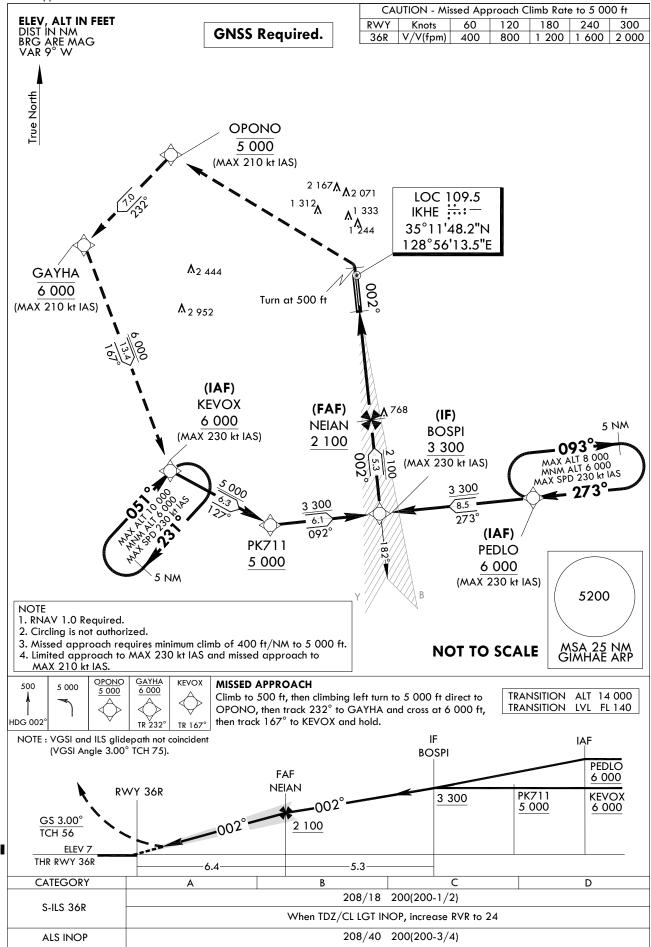
LEFT

INSTRUMENT AERODROME ELEV 13 ft BUSAN/Gimhae Intl(RKPK) GIMHAE APP 125.5 364.0 **APPROACH** HEIGHTS RELATED TO **LOC Y RWY 36R** GIMHAE TWR 118.1 118.450 **CHART** THR RWY 36R - ELEV 7 ft 233.3 236.6 Note: Approach and circle to land under U.S. TERPS. 4782 **ELEV, ALT IN FEET** DIST IN NM **DME** Required. 5200 BRG ARE MAG VAR 9° W 4000 3400 KMH D15 **Irue North** 6 000 MSA 25 NM GIMHAE GIMHAE VOR VOR/DME 113.8 EMERG SAFE ALT 100 NM 8400 KMH =:-35°11'57"N 128°56'08"E LOC 109.5 1500 A IKHE # :-1519 35°11'48.2"N When ATC advised Turn KMH 15 DME arc 128°56'13.5"E **∆**2 444 to GEOJE. Turn at 700 ft <u>^</u>2 952 JINHAE BUSAN 5 NM/3 000 ft (MAPt) **VORTAC 114.0** 296 PSN 35°07'21"N 128°59'58"E 1 900 ft IKHE D0.7 W45/V543/Y253 IKHE D3.4 (IAF) NARAE 35°00'08.5"N 129°07'27.3"E (FAF) 768 R 150 KMH/D15 IKHE 06.6 2/100 KMH. D15 D15 6 000 <u>6 000</u> (IF) IKHE D13/4 3 500 KMH D15 **KMH** MH DIS ARC 3 500 D20 R 231 KMH/D15 3 500 匆 KMH KMH 190 D20 쏨 CAUTION - Minimum Approach Climb Rate to 6 000 ft 180 240 RWY Knots 60 120 300 **NOT TO SCALE** 36R /V(fpm) 350 1 050 | 1 400 1 750 700 700 6 000 MISSED APPROACH **GEOJE** KMH **KMH D15** Climb to 700 ft, then climbing left turn to 6 000 ft on R 310 KMH to 15 DME \triangle R 310 ARC cross at or above 6 000 ft, then arc KMH D15 to GEOJE and hold. KMH HDG 002 IAF TRANSITION ALT 14 000 GEOJE / R 231 KMH NARAE / R 150 KMH TRANSITION LVL FL 140 IKHE KMH D15 D13.4 R 310 KMH Intercept LOC VOR/DME MAPt D6.6 **IKHF** D15 КМН **IKHE** 6 000 GP DME RWY D3.4 D0.7 .002° (5993)LOC 3 500 -3102 36R -002 (3493)2 100 (2 093) 1 100 (1 093) <u>∠ 2.98°</u> TCH 75 KMH D15 ARC ELEV 7 THR RWY 36R 0.5 2.7 NM 6.8 NM 3.2 NM CATEGORY C В 420/40 413(500-3/4) S-LOC 36R 420/24 413(500-1/2) 1. Use IKHE DME when on the localizer course. 420/55 420/60 2. Circling not authorized East of RWY 18L/36R. **ALS INOP** 413(500-1) 413(500-1 1/8) 3. Missed approach requires ATC climb of 520-1 580-1 1 360-3 1 700-3 350 ft/NM to 6 000 ft. CIRCLING C 507(600-1) 567(600-1) 1 347(1 400-3) 1 687(1 700-3)

LEFT

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



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

Tables
Coding
ocedure
ch Pr
Approa
Instrument

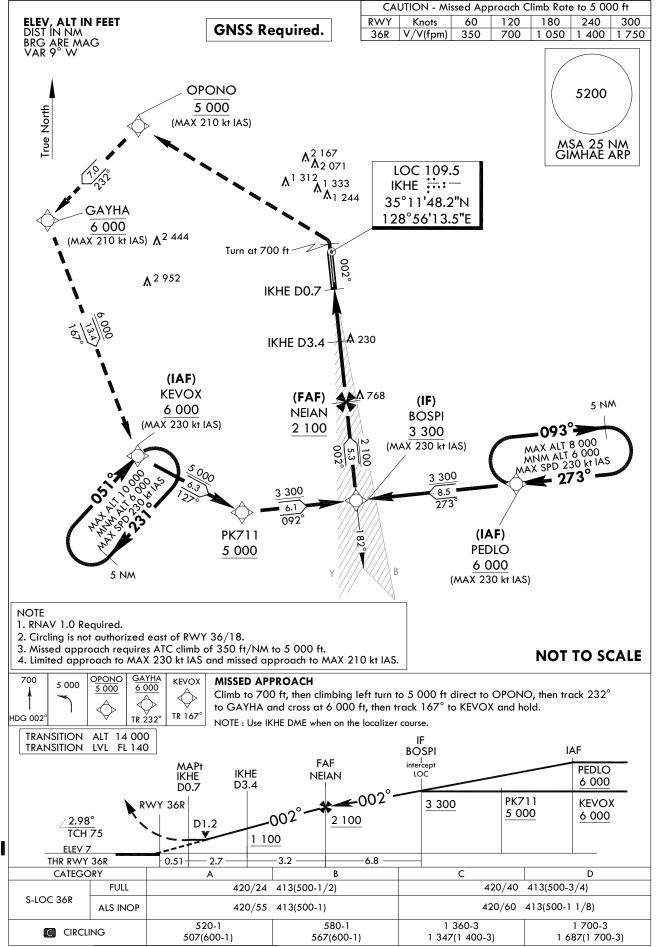
				1
	Remarks	IAF	ш	
	Navigation specification	RNAV 1	RNAV 1	
	VPA/ TCH	-		
	Coordinates	34°59'23.1"N 129°08'15.3"E	34°58'31.2"N 128°57'56.1"E	
	Speed (kt)	-230	-230	
	Altitude (ft)	+6 000	+3 300	
	Turn direction			
	Distance (NM)		8.5	
	Waypoint Fly- Course/Track Distance Identifier over (NM)		272.75(264.23)	
	Fly- over			
LEULO 10 P	Waypoint Fly- Identifier over	OTGE	BOSPI	
ILS 2 R VV I SOR - VIO PEDLO TO BOSPI(IF)	Serial Path Jumber Descriptor		ŦĿ	
1L3 2 K VV I	Serial Number	100	002	

Remarks	IAF	SDF	≝
VPA/ Navigation TCH specification	RNAV 1	RNAV 1	RNAV 1
VPA/ TCH			
Coordinates	35°00'51.7"N 128°43'47.2"E	34°57'51.9"N 128°50'32.3"E	34°58'31.2"N 128°57'56.1"E
Speed (kt)	-230	-230	-230
Altitude (ft)	+6 000	+5 000	+3 300
Distance Turn Altitude Speed (tr)			
Distance (NM)		6.3	6.1
ourse/Track °M(°T)	•	- 126.82(118.30)	092.35(083.83)
Fly- over			
Waypoint Identifier	KEVOX	PK711	BOSPI
Serial Path Waypoint Fly- Co Number Descriptor Identifier over		TF.	ŦĪ
Serial	100	000	600

Z RW)	, 36R - via	ILS Z RWY 36R - via BOSPI(IF) to MAHF	, MA	¥								
Serial Jumber	Path Descriptor	Serial Path Waypoint Fly- Number Descriptor Identifier over	Fly- over	Path Waypoint Fly- Course/Track Distance	Distance (NM)	Turn directio	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
100	1L	BOSPI					+3 300	-230	34°58'31.2"N 128°57'56.1"E		RNAV 1	¥
002	11	NEIAN		002.49(353.97)	5.3		+2 100		35°03'46.6"N 128°57'15.5"E		1	FAF
003	ı	DA	,	002.48(353.96)			+208				100	DA
004		RWY 36R		002.48(353.96)					35°10'10.10"N 128°56'26.14"E	3.0/56	701	
900	Α>	ı		002.48(353.96)		,	+500					CG 400 ft/NM to 5 000 ft
900	Ы	ONOOO				7	@2 000	-210	35°18'24.2"N 128°43'46.2"E		RNAV 1	CG 400 ft/NM to 5 000 ft
200	¥	САУНА		232.27(223.75)	7.0		000 9@	-210	35°13'22.4"N 128°37'54.4"E		RNAV 1	1
800	¥	KEVOX		167.38(158.86) 13.4	13.4	ı	000 9+	-230	35°00'51.7"N 128°43'47.2"E		RNAV 1	

HOLDING PROCEDURE	щ											
Holding Identification	Path Descriptor	Path Waypoint Descriptor Identifier	Fly- over	Fly. Course/Track Distance Turn Altitude Speed over $^{\circ}$ $^{\circ}$ (ft) (kt)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
2000	WH	PEDLO		272.59(264.07)	5.0	æ	000 8- +6 000	-230	34°59'23.1"N 129°08'15.3"E		RNAV 1	Hold at PEDLO E Right Turn 273° Inbound 5 NM Leg.
ILS 2 KWY 7 30K	WH	KEVOX		051.05(042.53)	5.0	~	-10 000 +6 000	-230	35°00'51.7"N 128°43'47.2"E		RNAV 1	Hold at KEVOX SW Right Turn 051° Inbound 5 NM Leg.

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 Z RWY 36R



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

Remarks IAF

g Tables
Codin
Procedure
Approach
Instrument

	Navigation specification	RNAV 1	RNAV 1
	VPA/ TCH		
	Coordinates	34°59'23.1"N 129°08'15.3"E	34°58'31.2"N 128°57'56.1"E
	Speed (kt)	-230	-230
	Altitude (ft)	000 9+	+3 300
	Turn direction	-	-
	Distance (NM)		8.5
I(IF)	Serial Path Waypoint Fly- Course/Track Distance lumber Descriptor Identifier over °M(°T) (NM)	•	272.75(264.23)
BOSP	Fly- over		
PEDLO to	Waypoint Fly- Identifier over	PEDLO	BOSPI
LOC Z RWY 36R - via PEDLO to BOSPI(IF)	Path Descriptor		TF
LOC Z RW	Serial Number	100	002

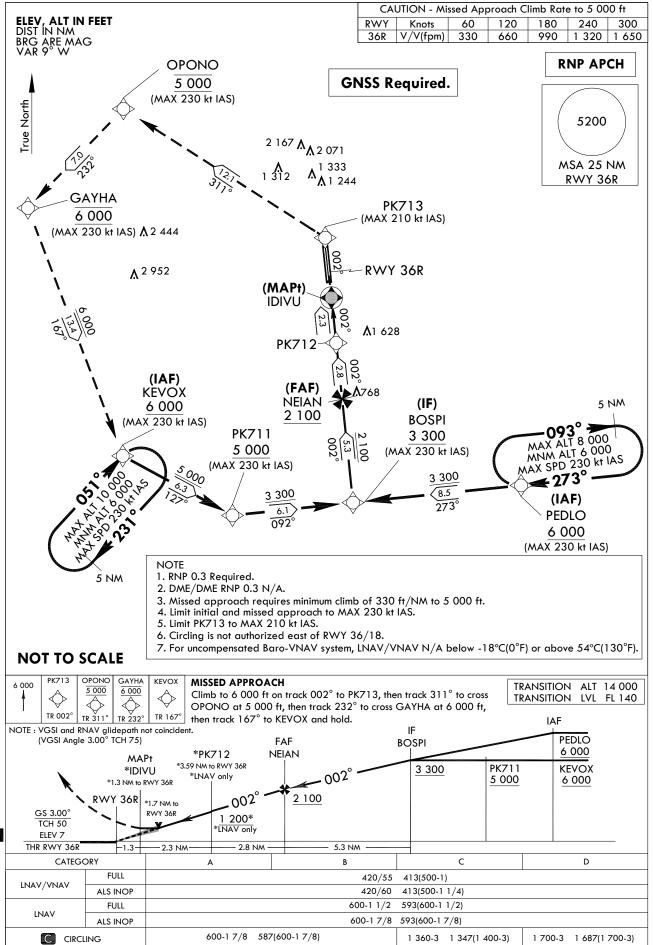
7)	/h								
de &	ypoint ntifier	Fly- '	Serial Path Waypoint Fly- Course/Track Jumber Descriptor Identifier over °M(°T)	ack Distance (NM)	Turn Altitude Speed direction (ft) (kt)	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	VPA/ Navigation TCH specification	Remarks
	KEVOX				-	000 9+	-230	35°00'51.7"N 128°43'47.2"E		RNAV 1	IAF
l	PK711		- 126.82(118.30)	6.3		+5 000 -230	-230	34°57'51.9"N 128°50'32.3"E	ı	RNAV 1	SDF
	BOSPI		- 092.35(083.83)	6.1	-	+3 300	-230	34°58'31.2"N 128°57'56.1"E	ı	RNAV 1	≝

7.0 . (@6.000 -210	FAF FAF SDF MAPH CG 350 ft/NM to 5 000 ft CG 350 ft/NM to 5 000	RNAV 1 CC LOC LOC LOC LOC LOC RNAV 1 RN	TCH, s	34°58'31.2"N 128°57'56.1"E 35°03'46.6"N 128°57'15.5"E 35°06'57.8"N 128°56'30.1"E 35°09'39.4"N 128°56'20.14"E 35°10'10.10"N 128°56'26.14"E 35°18'24.2"N 128°43'46.2"E 35°13'22.4"N 128°37'54.4"E	-230 -230 -230 -210	Alitiude (ff)	Turn direction	Distance (VM) 3.2 3.2 2.7 2.7	353.97) 353.96) 353.96) 353.96) 353.96)	°M(°1) 002.49(3) 002.48(3) 002.48(3) 002.48(3)	002.48(3) 002.48(3) 002.48(3) 002.48(3) 002.48(3)		TF BOSPI - 002.49(3) TF NEIAN - 002.49(3) NKHE D0.7 002.48(3) NKHE D0.7 002.48(3) NA - 002.48(3) VA - 002.48(3) TF GAYHA - 022.27(2)
		RNAV 1		35°00'51.7"N 128°43'47.2"E	-230	+6 000		4	13.4	158.86)		158.86)	- 167.38(158.86)
-210	- RNAV 1			35°18'24.2"N 128°43'46.2"E	210	+700			(96)	002.48(353.	- 002.48(353.	- 002.48(OPONO - 002.48(
- 002+		2	2.98/7	35°10'10.10"N 128°56'26.14"E				0.51	ું જ			- 002.48(- 002.48(
	TOC			35°09'39.4"N 128°56'30.1"E		+420		2.7	5)	002.48(353.96)			
2.7 . +420	10C			35°06'57.8"N 128°56'50.9"E	-	+1 100	-	3.2	ij	002.48(353.96)	- 002.48(- 002.48(- 002.48(
3.2 . +1100 . 2.7 . +420 . 0.51 +700 .	TOC			35°03'46.6"N 128°57'15.5"E	-	+2 100	-	5.3		002.49(353.97)	002.49(- 002.49(NEIAN - 002.49 (
+2 100 - +1 100 - +420 - +700 - +700 - +700 - + +700 - +100 - + +700 - +100	IAV 1	₽		34°58'31.2"N 128°57'56.1"E	-230	+3 300					1	BOSPI	
. +3300 -230 - +2100 - - +1100 - - +420 - +700 -	Navigation specification				(kt)	Altitude (ft)		Distance (NM)	_	°M(°T)	over ~ M(°T)	Waypoint Hy-	Descriptor Identifier over M(I)

HOLDING PROCEDURE	RE											
Holding Identification	Path Descriptor	Waypoint Identifier	Fly- over	11 Fly- Course/Track Distance Tum Altitude Speed cover $^{\circ}$ M($^{\circ}$ T) (NM) direction (ff) (kt)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	VPA/ Navigation TCH specification	Remarks
	WH.	PEDLO		272.59(264.07) 5.0	5.0	R	-8 000 +6 000	-230	34°59'23.1"N 129°08'15.3"E		RNAV 1	Hold at PEDLO E Right Turn 273° Inbound 5 NM Leg.
LOC 2 KW 1 30K	¥	KEVOX		051.05(042.53)	5.0	œ	-10 000 +6 000	-230 3	35°00'51.7"N 128°43'47.2"E		RNAV 1	Hold at KEVOX SW Right Turn 051° Inbound 5 NM Leg.

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



BUSAN/Gimhae Intl(RKPK) RNP RWY 36R

Tables
Coding
Procedure
Approach
Instrument

Remarks	IAF	≝
Navigation specification	RNP APCH	RNP APCH
VPA/ TCH		
Coordinates	34°59'23.1"N 129°08'15.3"E	34°58'31.2"N 128°57'56.1"E
Speed (kt)	-230	-230
Altitude (ft)	000 9+	+3 300
Turn direction		
/Track Distance °T) (NM)		8.5
ourse M(272.75(264.23)
Fly- over		
Waypoint Identifier	PEDLO	BOSPI
Serial Path Waypoint Fly- C		¥
Serial Number	100	002

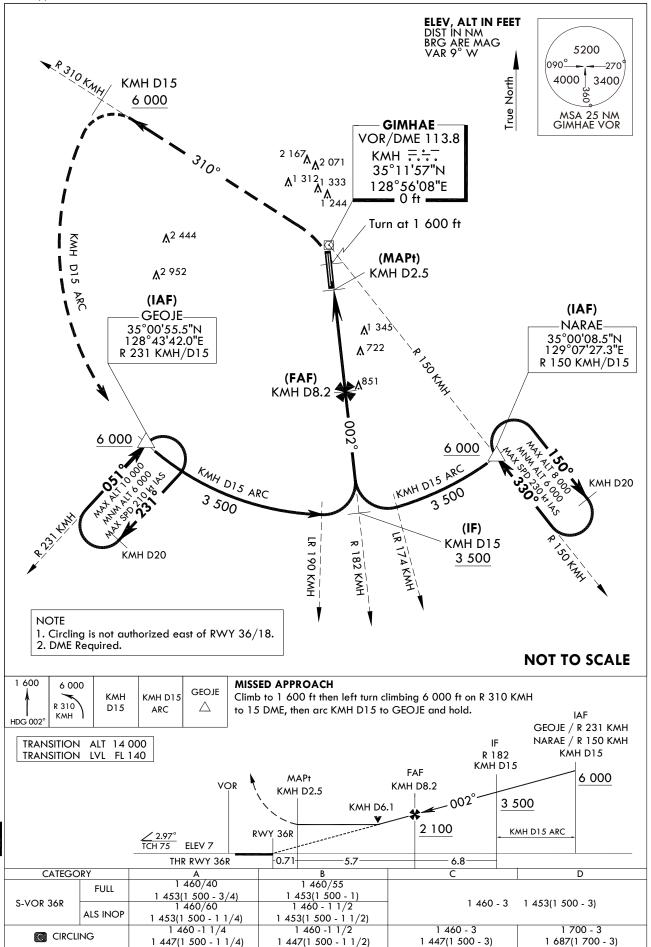
Remarks	IAF	SDF	Ħ
VPA/ Navigation TCH specification	RNP APCH	RNP APCH	RNP APCH
VPA/ TCH		ı	
Coordinates	35°00'51.7"N 128°43'47.2"E	34°57'51.9"N 128°50'32.3"E	34°58'31.2"N 128°57'56.1"E
Speed (kt)	-230	-230	-230
Altitude (ft)	000 9+	+5 000	+3 300
Distance Turn Altitude Speed (H) (H) (kt)			-
Distance (NM)	,	6.3	6.1
Serial Path Waypoint Fly- Course/Track Number Descriptor Identifier over °M(°T)	ı	- 126.82(118.30)	- 092.35(083.83)
Fly- over			
Waypoint Identifier	KEVOX	PK711	BOSPI
Path Descriptor		11	∃1L
erial	100	002	003

Remarks	₹	FAF	SDF	MAPŧ	CG 330 ft/NM to 5 000 ft	CG 330 ft/NM to 5 000 ft		-
Navigation specification	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH	RNP APCH
VPA/ TCH	-	ı		-				
Coordinates	34°5831.2"N 128°5756.1"E	35°03'46.6"N 128°57'15.5"E	35°06'35.6"N 128°56'53.8"E	35°08'52.4"N 128°56'36.2"E	35°11'54.5"N 128°56'12.8"E	35°18'24.2"N 128°43'46.2"E	35°13'22.4"N 128°37'54.4"E	35°00'51.7"N 128°43'47.2"E
Speed (kt)	-230				-210	-230	-230	-230
Altitude (ft)	+3 300	+2 100	+1 200	009+		@2 000	000 9@	+6 000
Turn direction	-	-			-	-		-
Distance (NM)		5.3	2.8	2.3	3.1	12.1	7.0	13.4
Course, M(-	002.49(353.97)	002.48(353.96)	002.48(353.96)	002.51(353.99)	311.05(302.53)	232.27(223.75)	167.38(158.86)
Fly- over				Υ	-			-
Waypoint Identifier	BOSPI	NEIAN	PK712	NAIGI	PK713	ONOdO	САҮНА	KEVOX
Path Descriptor	±1L	1F	1F	±1L	±1L	1L	11	1F
Serial Number	100	002	003	004	900	900	200	800
	Path Vaypoint Identifier over Name 	Course/Track Distance (NM) Turn direction Altitude (ft) Speed (kt) Coordinates VPA/ TCH Navigation 1	Course/Inack Distance (MI) Turn (III) Altitude (III) Speed (III) Coordinates VPA/ specification Navigation (III) - (NM) - (INM) - (INM) - (IVI) - (IVII) - (IVII) - (IVII) - (IVII) - (IVII) - (IVIII) - (IVIII) - (IVIII) - (IVIIII) - (IVIIII) - (IVIIIIIII) - (IVIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Course/Track Distance	Course/Track Distance (Molt) Turn (Ht) direction (Ht) Altitude (Ht) Speed (Lt) Coordinates VPA/ specification (TCH) Navigation (Specification (TCH) 002.49(353.97) +3 300 -230 34°5831.2"N 128°5715.5"E RNP APCH 002.48(353.97) 5.3 +2 100 35°08'35.6"N 128°57'15.5"E RNP APCH 002.48(353.96) 2.8 +1 200 35°08'35.6"N 128°56'53.8"E RNP APCH 002.48(353.96) 2.3 +600 35°08'52.4"N 128°56'35.2"E RNP APCH	Course / Track Distance (H) Turn (H) Altitude (H) Speed (Speed (L)) Coordinates VPA/ (SPA) Navigation (Navigation (H)) - +3 300 -230 34°5831.2"N 128°5756.1"E - RNP APCH (NAVIGA) 002.48(333.97) 5.3 - +2 100 - 35°03'46.6"N 128°57'15.5"E - RNP APCH (NAVIGA) 002.48(333.96) 2.8 - +1 200 - 35°06'35.6"N 128°56'35.8"E - RNP APCH (NAVIGA) 002.51(333.96) 3.3 - +600 - 35°08'52.4"N 128°56'12.8"E - RNP APCH (NAVIGA) 002.51(333.99) 3.1 - - - - - RNP APCH (NAVIGA)	Course/Track Distance (Ivnn) (ith) Altitude (ith) Speed (Ivn) Coordinates VPA/ Specification VPA/ Specification 002.49(353.97) +3 300 -230 34°5831.2"N 128°5756.1"E RNP APCH 002.49(353.97) 5.3 +2 100 35°03'46.6"N 128°57'15.8"E RNP APCH 002.48(353.96) 2.8 +1 200 35°08'35.4"N 128°56'35.8"E RNP APCH 002.48(353.96) 2.3 +600 35°08'52.4"N 128°56'35.8"E RNP APCH 002.51(353.99) 3.1 -210 35°08'52.4"N 128°56'12.8"E RNP APCH 002.51(353.99) 3.1 -210 35°11'54.5"N 128°56'12.8"E RNP APCH	Course/Track Distance (IVM) Altitude (ift) Speed (kt) Coordinates VPA/ Specification VPA/ Specification VPA/ Specification 002.49(353.97) 5.3 +2 100 .230 34°5831.2"N 128°5756.1"E - RNP APCH 002.49(353.97) 5.3 +2 100 . 35°06'35.6"N 128°56'35.8"E - RNP APCH 002.48(353.96) 2.8 + 1200 . 35°06'35.4"N 128°56'35.8"E - RNP APCH 002.51(353.96) 2.3 + 600 - 35°08'52.4"N 128°56'36.2"E - RNP APCH 311.05(302.53) 12.1 - (@5 000) -230 35°11'54.5"N 128°56'12.8"E - RNP APCH 222.77(223.75) 7.0 - 230 35°18'24.2"N 128°43'46.2"E - RNP APCH

		c	r
	Remarks	Hold at PEDLO E Right Turn 273° Inbound 5 NM Leg.	Hold at KEVOX SW Right Turn 051° Inbound 5 NM Lea.
	/PA/ Navigation TCH specification	RNAV 1	RNAV 1
	VPA/ TCH	•	
	Coordinates	34°59'23.1"N 129°08'15.3"E	35°00'51.7"N 128°43'47.2"E
	Speed (kt)	-230	-230
	Altitude Speed (ft) (kt)	000 9+ 000 8-	000 01-
	Turn	ч	~
	Distance (NM)	5.0	5.0
	Fly- Course/Track Distance Turn over (NM) direction	272.59(264.07)	051.05(042.53)
	Fly- over		
	Waypoint Identifier	PEDLO	KEVOX
Ę.	Path Descriptor	WH	¥H
HOLDING PROCEDUR	Holding Identification	200	KINT KWY 1 SOK

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) VOR RWY 36R



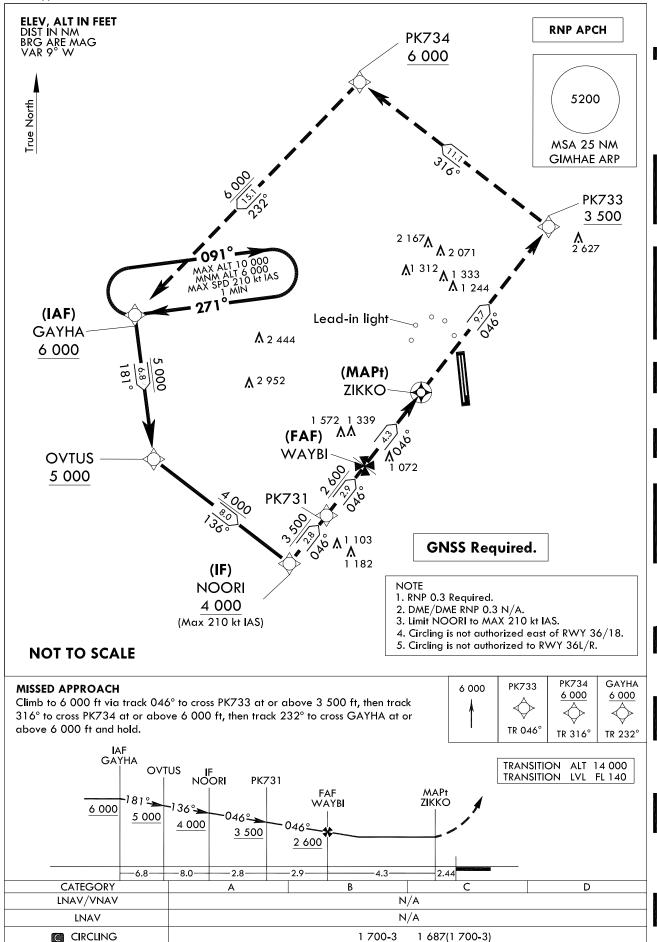
LEFT

INSTRUMENT AERODROME ELEV 13 ft BUSAN/Gimhae Intl(RKPK) GIMHAE APP 125.5 364.0 HEIGHTS RELATED TO THR RWY 18L - ELEV **8** ft **APPROACH** GIMHAE TWR 118.1 233.3 VOR - A **CHART** 118.450 236.6 THR RWY 18R - ELEV 13 ft RWY 18L/R Note: Approach and Circle to land under U.S TERPS. CAUTION - Minimum Approach Climb Rate to 6 000 ft **ELEV, ALT IN FEET** RWY Knots 60 120 180 240 18L/R V/V(fpm) 850 | 1 130 | 1 420 DIST IN NM 290 570 **BRG ARE MAG** True North VAR 9° W 2 167 12 071 KMH D10 104° 1 244 MAX ALT 10 000 1.312 MNM ALT 6 000 MAX SPD 210 kt IAS R 284 KMH Lead-in light **GIMHAE** 284°**-**VOR/DME 113.8 2 444 (IAF) KMH === 35°11'57"N 128°56'08"E **GAYHA KMH D15** _{2 952} 6 000 000 (MAPt) KMH D3 1 339/•\ JINHAE **△**1 072 R 258 KMH (FAF) MH D7 2 600 5200 **∆**1 103 090 270 4000 3400 (IF) OVLIN MSA 25 NM GIMHAE VOR **KMH D15** 4 000 NOTE 1. Circling N/A for East of RWY 18L/R. 2. Circling N/A for RWY 36L/R. 3. DME Required. 4. Missed approach requires minimum climb of 290 ft/NM to 6 000 ft. **NOT TO SCALE** 6 000 **MISSED APPROACH** GAYHA Climb to 6 000 ft via left turn to intercept R 284 KMH R 284 \ TRANSITION ALT 14 000 then R 284 KMH to GAYHA and hold. TRANSITION LVL FL 140 **IAF GAYHA** IF R 284 KMH OVLIN /D15 R 258 KMH R 226 KMH /D15 /D15 **FAF** VOR/DME KMH D7 6 000 0460 5 000 **MAPt** 4 000 KMH D3 2 600 KMH D15 ARC 8.0 4.0 2.02 **CATEGORY** Α В C D CIRCLING C 1 700 - 3 1 687(1 700 - 3)

LEFT

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



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

AERONAUTICAL DATA TABULATION

Tables
Coding
cedure
sh Pro
Approac
Instrument

RNP B RV	RNP B RWY 18L/R												
Serial Number	Serial Path Waypoint Fly- Number Descriptor Identifier over	Waypoint Identifier	Fly- over	Waypoint Fly- Course/Track Distance Identifier over "M(°T) (NM)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks	
100	¥	GАҮНА		1	ı	ı	000 9+	ı	35°13'22.4"N 128°37'54.4"E		RNP APCH	IAF	
005	¥	OVTUS	ı	180.88(172.36)	6.75	1	+5 000		35°06'40.3"N 128°39'00.0"E	,	RNP APCH	•	
003	¥	NOORI	ı	135.89(127.37)	7.95	1	+4 000	-210	35°01'50.0"N 128°46'41.8"E	1	RNP APCH	≝	
004	¥	PK731	1	045.96(037.44)	2.82	ı	+3 500	ı	35°04'04.7"N 128°48'47.2"E	ı	RNP APCH	ı	
005	¥	WAYBI	1	045.98(037.46)	2.9	ı	+2 600		35°06'23.0"N 128°50'56.2"E	1	RNP APCH	FAF	
900	¥	ZIKKO	>	046.00(037.48)	4.3	ı	+1 700		35°09'48.1"N 128°54'07.8"E	1	RNP APCH	MAP+	
200	TF.	PK733	1	046.03(037.51)	2.6	-	005 £+		35°17'30.5"N 129°01'20.9"E		RNP APCH	•	
800	TF.	PK734	1	316.10(307.58)	11.07	1	000 9+	ı	35°24'15.6"N 128°50'37.2"E	1	RNP APCH	•	
600	¥	GАҮНА	•	232.33(223.81)	15.05	•	+6 000		35°13'22.4"N 128°37'54.4"E	1	RNP APCH	ı	
010	¥H	САҮНА		271.05(262.53)	1	~	-10 000 +	-210	35°13'22.4"N 128°37'54.4"E		1	1 min (Inbound timing)	

Change : Information of instrument approach procedure for RWY 18L/R.