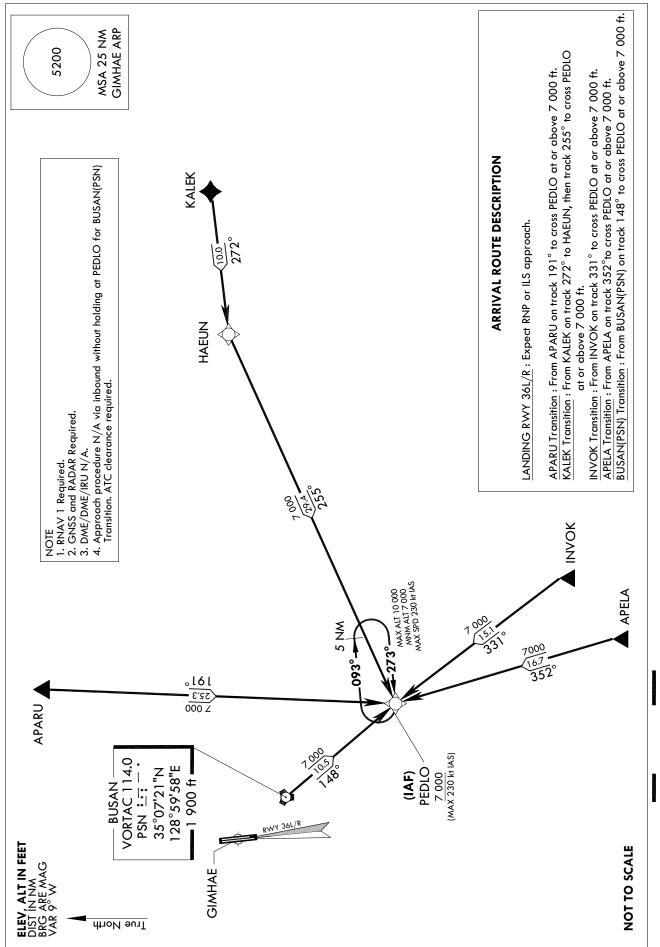
STANDARD ARRIVAL CHART INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000 TRANSITION LVL FL 140

GIMHAE APP 125.5 364.0 GIMHAE TWR 118.1 118.45 233.3 236.6 BUSAN/Gimhae Intl(RKPK) RWY 36L/R RNAV(GNSS) PEDLO 1

Note: Arrival under U.S. TERPS.



BUSAN/Gimhae INTL(RKPK) RWY 36L/R RNAV(GNSS) PEDLO 1

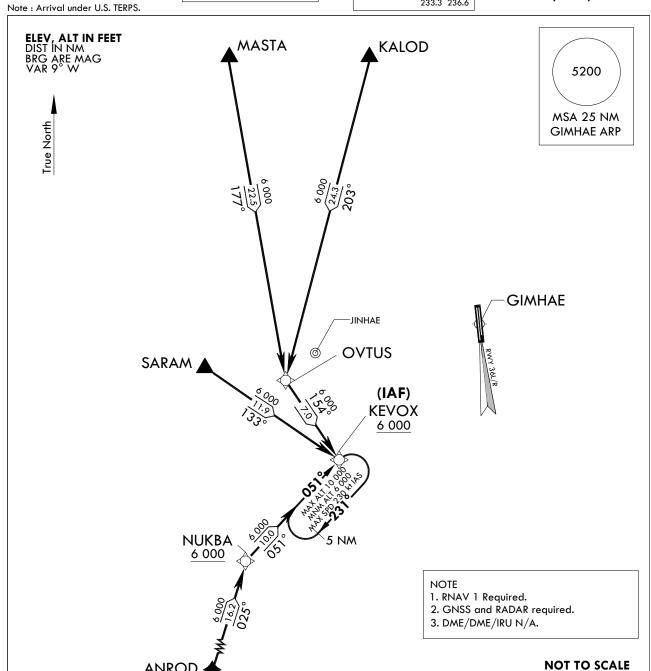
AERONAUTICAL DATA TABULATION

Remarks	1	IAF		Remarks	1	1	IAF		Remarks	1	IAF		Remarks	,	IAF		Remarks		IAF		ion Remarks	
Navigation specification	RNAV 1	RNAV 1		Navigation specification	RNAV 1	RNAV 1	RNAV 1		Navigation specification	RNAV 1	RNAV 1		Navigation specification	RNAV 1	RNAV 1		Navigation specification	RNAV 1	RNAV 1		VPA/ Navigation TCH specification	T
Nav	Z Z	Z		Nav	Z	Z	Z		Speci	Z	Z		Speci	Z.	Z		Speci	Z.	Z.		5 -	1
VPA TGH		,		VPA/ TCH		,			VPA/ TCH		,		VPA/ TCH		,		VPA/ TCH		,			
Coordinates	35°24'42.1"N 129°09'32.1"E	34°59'23.1"N 129°08'15.3"E		Coordinates	35°12'32.0"N 129°53'05.0"E	35°11'23.8"N 129°40'57.4"E	34°59'23.1"N 129°08'15.3"E		Coordinates	34°47'19.0"N 129°19'23.0"E	34°59'23.1"N 129°08'15.3"E		Coordinates	34°43'23.0"N 129°14'00.0"E	34°59'23.1"N 129°08'15.3"E		Coordinates	35°07'21.5"N 128°59'58.5"E	34°59'23.1"N 129°08'15.3"E		Coordinates	
	35°24	34°59			35°12'	35°11	34°59			34°47	34°59			34°43	34°59			35°07'	34°59'		Speed (kt)	
Speed (kt)		-230		Speed (kt)	,		-230		Speed (kt)		-230		Speed (kt)		-230		Speed (kt)		-230		Altitude (ft)	
Altitude (ft)		+7 000		Altitude (ft)			+7 000		Altitude (ft)		+7 000		Altitude (ft)		+7 000		Altitude (ft)		+7 000		Turn	_
Turn direction				Turn					Turn direction				Turn direction				Turn	,			Distance (NM)	-
Distance (NM)	1	25.30		Distance (NM)	1	10.00	29.39		Distance (NM)		15.13		Distance (NM)		16.66		Distance (NM)		10.47		Course/Track °M(°T)	
Course/Track °M(°T)		190.90(182.38)		Course/Track M(°T)		272.06(263.54)	254.60(246.08)		Course/Track M(°T)		331.35(322.83)		Course/Track °M(°T)		352.06(343.54)		Course/Track °M(°T)		147.98(139.46)		Fly-	
							254				331					sition	Con er Con				Waypoint Identifier	
oint Fl) 	,	nsition	oint Fl	_ '	<u>z</u>	0	nsition	oint Fl	¥	0	nsition	oint FI	\ \	,	ح) Tran	oint FI	, (NS	0		h oto	1
Waypoint Fly- Identifier over	APARU	PEDLO	LEK Trar	Waypoint Fly- Identifier over	KALEK	HAEUN	PEDLO	′OK Trα	Waypoint Fly- Identifier over	INVOK	PEDLO	ELA Trar	Waypoint Fly- Identifier over	APELA	PEDLO	3AN(PS)	Waypoint Fly- Identifier over	BUSAN(PSN)	PEDLO	Æ	Path Descriptor	
Path Descriptor	Ľ	¥	RNAV PEDLO 1 - KALEK Transition	Path Descriptor	¥	Ľ	¥	RNAV PEDLO 1 - INVOK Transition	Path Descriptor	¥	Ľ	RNAV PEDLO 1 - APELA Transition	Path Descriptor	ŦF	Ľ	RNAV PEDLO 1 - BUSAN(PSN) Transition	Path Descriptor	ŦF	TF	HOLDING PROCEDURE	Holding Identification	
Serial Number	100	002	JAV PEC	Serial Number	100	002	003	IAV PED	Serial Number	100	002	JAV PEC	Serial Number	100	002	IAV PED	Serial Number	100	002	SNIGIC	Ho	

STANDARD ARRIVAL CHART INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000 TRANSITION LVL FL 140 GIMHAE APP 125.5 364.0 118.1 118.45 GIMHAE TWR 233.3 236.6

BUSAN/Gimhae Intl(RKPK) RWY 36L/R RNAV(GNSS) KEVOX 3



ARRIVAL ROUTE DESCRIPTION

KEVOX 3 ARRIVAL

LANDING RWY 36L/R: Expect RNP or ILS approach.

ANROD

MASTA Transition: From MASTA on track 177° to OVTUS, then track 154° to cross KEVOX at or above 6 000 ft.

KALOD Transition: From KALOD on track 203° to OVTUS, then track 154° to cross KEVOX at or above 6 000 ft.

SARAM Transition: From SARAM on track 133° to cross KEVOX at or above 6 000 ft.

ANROD Transition: From ANROD on track 025° to NUKBA, then track 051° to cross KEVOX at or above 6 000 ft.

BUSAN/Gimhae INTL(RKPK) RWY 36L/R RNAV(GNSS) KEVOX 3

AERONAUTICAL DATA TABULATION

	Remarks		•	IAF
	VPA/ Navigation TCH specification	RNAV 1	RNAV 1	RNAV 1
	VPA/ TCH			
	Coordinates	35°28'47.0"N 128°33'40.0"E	35°06'40.3"N 128°39'00.0"E	35°00'51.7"N 128°43'47.2"E
	Speed (kt)			
	Altitude (ft)	-	•	000 9+
	Turn direction	-		
	Distance (NM)		22.50	7.01
	Course/Track Distance Turn Athitude Speed		177.31(168.79) 22.50	154.39(145.87) 7.01
	Fly- over	-	-	
RNAV KEVOX 3 - MASTA Transition	Waypoint Fly- Identifier over	MASTA	OVTUS	KEVOX
/OX 3 - MA	Serial Path Jumber Descriptor	TF.	TF	ΤF
RNAV KEV	Serial Number	100	003	003

iptor	Waypoint Identifier	Fly- over	Serial Path Waypoint Fly- Course/Track Distance Turn Altitude Speed Jumber Descriptor Identifier over "M(T)" (INM) direction (ft) (kt)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	VPA/ Navigation TCH specification	Remarks
¥	KALOD							35°30'12.1"N 128°46'26.5"E		RNAV 1	ı
±	OVTUS	'	203.09(194.57) 24.27	24.27				35°06'40.3"N 128°39'00.0"E		RNAV 1	
TF	KEVOX	·	. 154.39(145.87) 7.01	7.01	,	000 9+	,	35°00'51.7"N 128°43'47.2"E		RNAV 1	IAF

SNAV KE	RNAV KEVOX 3 - SAKAM Iransition	KAM Iransi	tion									
Serial Number	Serial Path Waypoint Fly- Course/ Number Descriptor Identifier over °M(°	Waypoint Identifier	FIY- over	Course/Track °M(°T)	e/Track Distance A(°T) (NM)	Turn Altitude direction (ft)	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	VPA/ Navigation TCH specification	Remarks
100	Ħ	SARAM							35°07'36.3"N 128°31'46.7"E		RNAV 1	1
002	¥	KEVOX		132.79(124.27) 11.94	11.94		000 9+		35°00'51.7"N 128°43'47.2"E		RNAV 1	IAF

Remarks	1		IAF
VPA/ Navigation TCH specification	RNAV 1	RNAV 1	RNAV 1
VPA/ TCH		,	•
Coordinates	34°37'57.66"N 128°29'51.73"E	34°53'27.57"N 128°35'35.03"E	35°00'51.7"N 128°43'47.2"E
Speed (kt)			-
Altitude (ft)	-	000 9+	000 9+
Turn direction			ı
Distance (NM)		16.18	10
$ \begin{array}{c cccc} Course/Track & Distance & Turn & Altitude & Speed \\ & & & & & & & & \\ \hline & & & & & & & \\ \hline & & & &$		025.44(016.92) 16.18	050.86(042.34)
Fly- over	-		•
Waypoint Identifier	ANROD	NUKBA	KEVOX
Serial Path Waypoint Fly- C Number Descriptor Identifier over	±1L	TF.	±1L
Serial Number	100	002	003

HOLDING PROCEDURE	믰											
Holding Identification	Path Descriptor	Waypoint Identifier	Fly- (Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
RNAV KEVOX 3	¥H	KEVOX	,	051.05(042.53)	5	В	-10 000 ++	-230	35°00'51.7"N 128°43'47.2"E			

STANDARD ARRIVAL CHART INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000

GIMHAE APP 125.5 364.0 118.1 118.45 233.3 236.6

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

TRANSITION LVL FL 140 GIMHAE TWR RNAV(GNSS) GAYHA 3 Note: Arrival under U.S. TERPS MSA 25 NM GIMHAE ARP ANROD Transition: From ANROD on track 012° to SARAM, then track 050° to cross GAYHA at or above 6 000 ft. 4. Approch procedure N/A via inbound without holding at GAYHA for ANROD Transtion. APARU Transition: From APARU on track 249° to ARECO, then track 271° to cross GAYHA at or above 6 000 ft. 5200 MASTA Transition: From MASTA on track 176° to cross GAYHA at or above 6 000 ft. KALOD Transition: From KALOD on track 211° to cross GAYHA at or above 6 000 ft. then track 271° to cross GAYHA at or above 6 000 ft. **ARRIVAL ROUTE DESCRIPTION** BUSAN(PSN) Transition: From BUSAN(PSN) on track 312° to ARECO, 2. GNSS and RADAR required. **VORTAC 114.0** 128°59'58"E 35°07'21"N ATC clearance required. 1 900 ft BUSAN PSN :: 3. DME/DME/IRU N/A. 1. RNAV 1 Required. LANDING RWY 18 : Expect RNP approach. GIMHAE ARECO RWY 36L/R \\ \\\ KALOD -INHAE 000 9 600 MASTA 176° ANROD 15.8 6 000 0000 10, GAYHA 6 000 015. 29.6 SARAM 000 9 NOT TO SCALE True Morth

BUSAN/Gimhae INTL(RKPK) RWY 18L/R RNAV(GNSS) GAYHA 3

AERONAUTICAL DATA TABULATION

	4-0	***************************************		Course /Track	Constant	T.	مام، سندا ۸	Poods			/ VD //	0;+00;X0 X		
Number	Descriptor	Identifier	over	°,M(°T)	(NM)	direction	(H)	(kt)		Coordinates	ĘĘ.	specification	. c	Remarks
	Ľ	MASTA			ı				35°28'	35°28'47.0"N 128°33'40.0"E	,	RNAV 1		
	Ħ	САУНА		175.80(167.28)	15.77		+6 000		35°13″	35°13'22.4"N 128°37'54.4"E		RNAV 1		ΙĀ
SA)	YHA 3 - KA	RNAV GAYHA 3 - KALOD Transition	rion											
Serial Number	Path Descriptor	Path Waypoint Fly- Descriptor Identifier over		Course/Track ^M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)		Coordinates	VPA/ TCH	Navigation specification		Remarks
100	¥	KALOD			,				35°30'	35°30'12.1"N 128°46'26.5"E		RNAV 1		
002	¥	GAYHA		211.13(202.61)	18.19		000 9+		35°13"	35°13'22.4"N 128°37'54.4"E		RNAV 1		₹
(g	YHA 3 - AF	RNAV GAYHA 3 - APARU Transition	ion											
Serial Number	Path Descriptor	Path Waypoint Fly- Descriptor Identifier over		Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)		Coordinates	VPA/ TCH	Navigation specification	Remarks	
100	¥	APARU							35°24'	35°24'42.1"N 129°09'32.1"E		RNAV 1		1
002	Ľ	ARECO		249.42(240.90)	21.14				35°14"	35°14'22.1"N 128°46'59.1"E		RNAV 1		
003	Ľ	САУНА		270.96(262.44)	7.50		000 9+		35°13"	35°13'22.4"N 128°37'54.4"E		RNAV 1		₹
Serial	Path Descriptor	Serial Path Waypoint Fly-Co.	Fly-	Jrse/Track	Distance	Turn	Altitude (ft)	Speed		Coordinates	VPA/	Navigation	Remarks	_ ⊱
	- ⊭	BUSAN(PSN)		-	-				35°07'2	35°07'21.5"N 128°59'58.5"E		RNAV 1		
002	Ľ	ARECO		311.90(303.38)	12.74				35°14'2	35°14'22.1"N 128°46'59.1"E		RNAV 1		
003	¥	САУНА		270.96(262.44)	7.50		+6 000		35°13'2	35°13'22.4"N 128°37'54.4"E		RNAV 1		₹
(A)	YHA 3 - AN	RNAV GAYHA 3 - ANROD Transition	ition											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-	Course/Track °M(°T)	Distance (NM)	Turn	Altitude (ft)	Speed (kt)		Coordinates	VPA/ TCH	Navigation specification	Remarks	
100	¥	ANROD							34°37'57	34°37'57.66"N 128°29'51.73"E		RNAV 1		
002	Ľ	SARAM		011.56(003.04)	29.64				35°07'3	35°07'36.3"N 128°31'46.7"E		RNAV 1		
003	Ľ	САУНА		049.59(041.07)	7.64		000 9+		35°13'2	35°13'22.4"N 128°37'54.4"E		RNAV 1		₹
٧	HOLDING PROCEDURE	, ,												
Hol entif	Holding Identification	Path Descriptor	Wαy	Waypoint Fly- Co Identifier over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates		VPA/ TCH	Navigation specification	1
^C	PNAV GAYHA 3	3	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				4	-10 000		2, 7, 7, 2, 2, 1, 1, 1, 1, 2, 2, 2, 4, E	11, 11,			