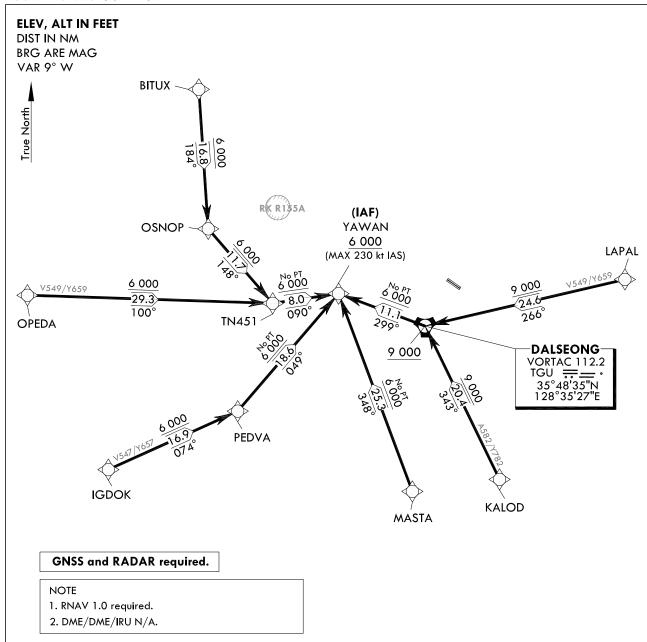
STANDARD ARRIVAL CHART INSTRUMENT(STAR)

Note: Arrival under U.S. TERPS.

TRANSITION ALT 14 000 TRANSITION LVL FL 140 DAEGU APP 135.9 346.3 DAEGU TWR 126.2 236.6 365.0 DAEGU/Daegu Intl(RKTN) RWY 13R/L RNAV YAWAN 1



### **ARRIVAL ROUTE DESCRIPTION**

LANDING RUNWAY 13R/L: Expect RNP approach following transition routes.

The following are transition routes.

BITUX Transition : From BITUX on track  $184^\circ$  to OSNOP and track  $148^\circ$  to TN451 and track  $090^\circ$ 

to cross YAWAN at or above 6 000 ft.

 $\underline{\text{OPEDA Transition}}: \text{From OPEDA on track } 100^{\circ} \text{ to TN451} \text{ and track } 090^{\circ} \text{ to cross YAWAN at or above 6 000 ft.}$ 

IGDOK Transition : From IGDOK on track  $074^{\circ}$  to PEDVA and track  $049^{\circ}$  to cross YAWAN at or above 6 000 ft.

 $\underline{\text{MASTA Transition}}:$  From MASTA on track  $348^{\circ}$  to cross YAWAN at or above 6 000 ft.

KALOD Transition : From KALOD on track 343° to cross TGU(VORTAC) at or above 9 000 ft, then on track 299°

to cross YAWAN at or above 6 000 ft.

<u>LAPAL Transition</u>: From LAPAL on track 266° to cross TGU(VORTAC) at or above 9 000 ft, then on track 299°

to cross YAWAN at or above 6 000 ft.

**NOT TO SCALE** 

### DAEGU/Daegu Intl(RKTN) RWY 13R/L RNAV YAWAN 1

### **AERONAUTICAL DATA TABULATION**

## Standard Instrument Arrival Procedure Coding Tables

Remark	•	•	ı	IAF
VPA/ Navigation RDH Specification	RNAV 1	RNAV 1	RNAV 1	RNAV 1
VPA/ RDH	ı	=		-
Coordinates	36°16'44.9"N 128°01'47.9"E	36°00'00.7"N 128°03'25.6"E	35°51'11.1"N 128°12'54.5"E	35°52'24.8"N 128°22'38.0"E
Speed (kt)	ı	-		-230
Altitude (ft)	ı	000 9+	000 9+	+6 000 -230
Turn Direction	ı	=	1	ı
Distance (NM)	ı	16.8	11.7	8.0
Serial Path Waypoint Fly- Course/Track Distance Turn Altitude Speed Number Descriptor Identifier over ${}^{\circ}M({}^{\circ}T)$ (NM) Direction (ft) (kt)	ı	184 (175.5) 16.8	148 (138.8)	090 (081.1) 8.0
Fly- over		-		
Waypoint Identifier	BITUX	OSNOP	TN451	YAWAN
Path Descriptor	L	ΤF	Ľ	11
Serial Number	100	005	003	004

JAV YAV	RNAV YAWAN 1 - OPEDA Transition	PEDA Trans	ition									
Serial	Serial Path Waypoint Fly-	Waypoint Identifier	Fly- over	Serial Path Waypoint Fly- Course/Track Distance Turn Altitude Speed Number Descriptor Identifier over $^{\circ}$ (N/OT) (N/M) Direction (ft) (kt)	Distance (NM)	Vistance Turn (NM) Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	VPA/ Navigation RDH Specification	Remarks
100	<u>ш</u>	OPEDA	ı	ı	ı	ı	ı	1	35°51'48.5"N 127°36'52.0"E	ı	RNAV 1	ı
000	Ľ	TN451	•	100 (061.0)	29.3		000 9+		35°51'11.1"N 128°12'54.5"E	,	RNAV 1	ı
003	ΤF	YAWAN	ı	090 (081.1)	8.0	ı	+6 000230	-230	35°52'24.8"N 128°22'38.0"E	1	RNAV 1	IAF

	Remarks	ı	ı	IAF
	VPA/ Navigation RDH Specification	RNAV 1	RNAV 1	RNAV 1
	VPA/ RDH	ı	ı	1
	Coordinates	35°31'03.6"N 127°49'06.6"E	35°38'13.0"N 128°07'54.2"E	35°52'24.8"N 128°22'38.0"E
	Speed (kt)			-230
	Altitude (ft)	ı	000 9+	000 9+
	Vistance Turn (NM) Direction		ı	ı
	Distance (NM)	,	16.9	18.6
	Serial Path Waypoint Fly-Course/Track Distance Turn Altitude Speed Number Descriptor Identifier over "M(T)" (NM) Direction (ft) (kt)	ı	074 (064.9) 16.9	049 (040.2) 18.6
5	Fly- over		,	1
2	Waypoint Identifier	ЮБОК	PEDVA	YAWAN
	Serial Path Waypoint Fly- Number Descriptor Identifier over	<u>u</u>	Ŧ	Ŧ
-	Serial Number	100	002	003

Change : Information of fix names(HOSAN  $\rightarrow$  OSNOP, DURYU  $\rightarrow$  PEDVA).

DAEGU/Daegu Intl(RKTN) RWY 13R/L **RNAV YAWAN 1** 

### **AERONAUTICAL DATA TABULATION**

# Standard Instrument Arrival Procedure Coding Tables

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	Remarks	ı	IAF
	VPA/ Navigation RDH Specification	RNAV 1	RNAV 1
	VPA/ RDH	1	ı
	Coordinates	35°28'47.0"N 128°33'39.6"E	35°52'24.8"N 128°22'38.0"E
	Speed (kt)	ı	-230
	Altitude (ft)	ı	+6 000 -230
	Turn Direction	1	ı
	Distance (NM)	ı	25.3
	Fly- Course/Track Distance over "M(°T) (NM) [	1	348 (339.2)
5	Fly- over		
22.7	Waypoint Identifier	MASTA	YAWAN
HOURINI AICAM - LAKAAL VANA	Serial Path Waypoint Jumber Descriptor Identifier	¥	11
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Serial Number	100	002

Transition
KALOD .
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YAWAN 1
4WAN 1

	Remarks		ı	IAF
	VPA/ Navigation	RNAV 1	RNAV 1	RNAV 1
	VPA/	-	ı	ı
	Coordinates	35°30'12.1"N 128°46'26.5"E	35°48'35.4"N 128°35'26.8"E	35°52'24.8"N 128°22'38.0"E
	Speed (kt)		1	-230
	Altitude Speed	1	000 6+	000 9+
	Turn	-	ı	Î
	Distance (NM)	1	20.4	11.1
	oint Fly- Course/Track Distance Turn Altit		343 (334.0) 20.4	299 (290.2)
5	Fly-	j .		
	Waypoint	KALOD	TGU	YAWAN
	Serial Path Waypoin	<u></u>	1	ŦF
	Serial	100	002	003

### RNAV YAWAN 1 - LAPAL Transition

Remar	Remar		IAF
VPA/ Navigation RDH Specification	RNAV 1	RNAV 1	RNAV 1
VPA/ RDH	1	-	ı
Coordinates	35°54'12.6"N 129°04'52.0"E	35°48'35.4"N 128°35'26.8"E	35°52'24.8"N 128°22'38.0"E
Speed (kt)	ı	ı	-230
Altitude (ft)	Ī	000 6+	+6 000
Distance Turn (NM) Direction	ı	1	ı
Distance (NM)	ı	24.6	11.1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	ı	266 (256.9) 24.6	299 (290.2)
Fly- over	ı		•
Waypoint Identifier	LAPAL	TGU	YAWAN
Serial Path Wayp Number Descriptor Identii	<u>u</u>	1L	TF
Serial Number	100	002	003

Change : Establishment of standard instrument arrival procedure for RWY 13R/L.

**INTENTIONALLY** 

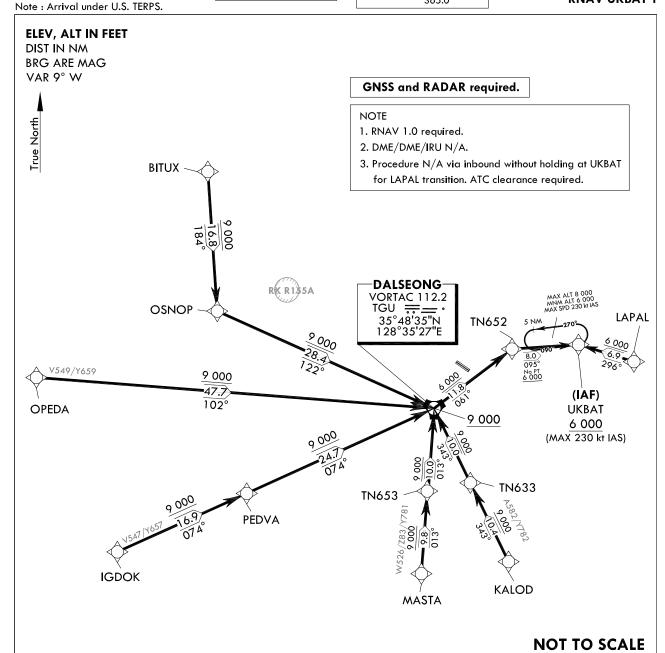
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STANDARD ARRIVAL CHART INSTRUMENT(STAR)

TRANSITION ALT 14 000 TRANSITION LVL FL 140

DAEGU APP 135.9 346.3 DAEGU TWR 126.2 236.6 365.0 DAEGU/Daegu Intl(RKTN) RWY 31L/R RNAV UKBAT 1



### ARRIVAL ROUTE DESCRIPTION

LANDING RUNWAY 31L/R: Expect RNP approach following transition routes.

The following are transition routes.

BITUX Transition : From BITUX on track 184° to OSNOP and track 122° to cross TGU(VORTAC) at or above 9 000 ft,

then on track  $061^{\circ}$  to TN652 and track  $095^{\circ}$  to cross UKBAT at or above 6 000 ft.

OPEDA Transition: From OPEDA on track 102° to cross TGU(VORTAC) at or above 9 000 ft,

then on track  $061^{\circ}$  to TN652 and track  $095^{\circ}$  to cross UKBAT at or above 6 000 ft.

IGDOK Transition: From IGDOK on track 074° to PEDVA and track 074° to cross TGU(VORTAC) at or above 9 000 ft,

then on track 061° to TN652 and track 095° to cross UKBAT at or above 6 000 ft.

MASTA Transition: From MASTA on track 013° to TN653 and track 013° to cross TGU(VORTAC) at or above 9 000 ft,

then on track 061° to TN652 and track 095° to cross UKBAT at or above 6 000 ft.

KALOD Transition: From KALOD on track 343° to TN633 and track 343° to cross TGU(VORTAC) at or above 9 000 ft,

then on track  $061^{\circ}$  to TN652 and track  $095^{\circ}$  to cross UKBAT at or above 6 000 ft.

<u>LAPAL Transition</u>: From LAPAL on track 296° to cross UKBAT at or above 6 000 ft.

### DAEGU/Daegu Intl(RKTN) RWY 31L/R RNAV UKBAT 1

### **AERONAUTICAL DATA TABULATION**

## Standard Instrument Arrival Procedure Coding Tables

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	Serial Path Waypoint Fly- Course/'	f Fly-	Course/Track °M(°T)	Distance (NM)	TrackDistanceTurnAltitudeSpeedT)(NM)Direction(ft)(kt)	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	VPA/ Navigation RDH Specification	Remarks
	BITUX		1	ı	,	ı	ı	36°16'44.9"N 128°01'47.9"E	ı	RNAV 1	ı
Ľ	OSNOP		184 (175.5) 16.8	16.8	1	000 6+	ı	36°00'00.7"N 128°03'25.6"E	ı	RNAV 1	ı
⊭	TGU		- 122 (113.5) 28.4	28.4	•	000 6+	1	35°48'35.4"N 128°35'26.8"E	ı	RNAV 1	1
Ŧ	TN652		- 061 (052.7) 11.8	11.8	•	000 9+		35°55'43.2"N 128°46'57.0"E	•	RNAV 1	
¥	UKBAT	,	- 095 (086.0) 8.0	8.0	,	+6 000 -230	-230	35°56'16.5"N 128°56'47.1"E	ı	RNAV 1	IAF

RNAV UKBAT 1 - OPEDA Transition

Remarks	ı	1	-	IAF
VPA/ Navigation RDH Specification	RNAV 1	RNAV 1	RNAV 1	RNAV 1
VPA/ RDH	ı	ı	-	ı
Coordinates	35°51'48.5"N 127°36'52.0"E	35°48'35.4"N 128°35'26.8"E	35°55'43.2"N 128°46'57.0"E	35°56'16.5"N 128°56'47.1"E
Speed (kt)	ı	ı	-	-230
Altitude (ft)	1	000 6+	000 9+	+6 000 -230
rack Distance Turn Altitude Speed	ı	ı	-	ı
Distance (NM)	ı	47.7	11.8	8.0
Course/I	1	- 102 (093.6) 47.7	061 (052.7)	(0.980) 560
Fly- over			•	
Waypoint Identifier	OPEDA	TGU	TN652	UKBAT
Serial Path Waypoint Fly- Course/ Number Descriptor Identifier over °M(°	<u>u</u>	Ŧ	1L	Ŧ
Serial	100	002	800	004

RNAV UKBAT 1 - IGDOK Transition

	Remarks	ı	ı	ı	ı	IAF
	VPA/ Navigation RDH Specification	RNAV 1				
	VPA/ RDH	ı			ı	i
	Coordinates	35°31'03.6"N 127°49'06.6"E	35°38'13.0"N 128°07'54.2"E	35°48'35.4"N 128°35'26.8"E	35°55'43.2"N 128°46'57.0"E	35°56'16.5"N 128°56'47.1"E
	Speed (kt)	ı	1		1	-230
	Altitude (ft)	ı	000 6+	000 6+	000 9+	+6 000
	Turn Direction	ı	1		•	i
	Distance (NM)	ı	16.9	24.7	11.8	8.0
	Serial Path Waypoint Fly- Course/Track Distance Turn Altitude Speed Number Descriptor Identifier over ${}^{\circ}M({}^{\circ}T)$ (NM) Direction (ft) (kt)	Ī	074 (064.9) 16.9	074 (065.1) 24.7	061 (052.7) 11.8	(0.980) 560
5	Fly- over				-	1
ON Iransiii	Waypoint Identifier	ІСВОК	PEDVA	TGU	TN652	UKBAT
KINAV UKBAL I - IGDOK Irdusirion	Path Descriptor	<u>u</u>	¥	TF	TF	ΤF
KINA V UNB	Serial Number	100	002	003	004	900

DAEGU/Daegu Intl(RKTN) RWY 31L/R RNAV UKBAT 1

### **AERONAUTICAL DATA TABULATION**

## Standard Instrument Arrival Procedure Coding Tables

Remarks	•	ı	ı	ı	IAF
VPA/ Navigation RDH Specification	RNAV 1				
VPA/ RDH	ı	ı	ı	ı	,
Coordinates	35°28'47.0"N 128°33'39.6"E	35°38'36.1"N 128°34'32.6"E	35°48'35.4"N 128°35'26.8"E	35°55'43.2"N 128°46'57.0"E	35°56'16.5"N 128°56'47.1"E
Speed (kt)	ı				-230
Altitude (ft)	i	000 6+	000 6+	000 9+	+6 000
Turn Direction	ı				ı
Distance (NM)	ı	9.8	10.0	11.8	8.0
Serial Path Waypoint FIy- Course/Track Distance Turn Altitude Speed Number Descriptor Identifier over ${}^{\circ}N({}^{\circ}T)$ (NM) Direction (ft) (kt)	ı	013 (004.2) 9.8	013 (004.2) 10.0	061 (052.7)	095 (086.0)
Fly- over		1			
Waypoint Identifier	MASTA	TN653	TGU	TN652	UKBAT
Path Descriptor	L	¥	ΤF	11	11
Serial Number	100	000	003	004	900

Serial         Path Maypoint         Maypoint Indeption over a Minary         Indeption of Internation over a Minary         Inchigation of Internation over a Minary         Inchigation of Internation over a Minary         Inchigation over a Minary<	RNAV UKBAT 1 - KALOD Transition	ansiti	e G									
334.0) 10.4 - +9 000 - 35°30'12.1"N 128°40'50.3"E - RNAV 1 334.0) 10.0 - +9 000 - 35°39'35.5"N 128°35'26.8"E - RNAV 1 35°2.7) 11.8 - +6 000 - 35°55'43.2"N 128°40'57.0"E - RNAV 1 35°55'43.2"N 128°40'57.0"E - RNAV 1 35°55'10.5"N 128°56'47.1"E - RNAV 1	Serial Path Waypoint Fly- Number Descriptor Identifier over	[순 취	- <u>-</u>	Course/Track °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation Specification	
334.0) 10.4 - +9 000 - 35°39'35.5"N 128°40'50.3"E - RNAV 1 334.0) 10.0 - +9 000 - 35°48'35.4"N 128°35'26.8"E - RNAV 1 35°55'43.2"N 128°46'57.0"E - RNAV 1 36°55'43.2"N 128°56'47.1"E - RNAV 1 88.0 - +6 000 -230 35°56'16.5"N 128°56'47.1"E - RNAV 1	KALOD -	•			1	1	ı	i	35°30'12.1"N 128°46'26.5"E	ı	RNAV 1	1
334.0) 10.0 - +9 000 - 35°48'35.4" 128°35'26.8" - RNAV 1  552.7) 11.8 - +6 000 - 35°55'43.2" N 128°46'57.0" - RNAV 1  8.0 - +6 000 -230 35°56'16.5" N 128°56'47.1" - RNAV 1	TN633	•		343 (334.0)	10.4	•	000 6+	1	35°39'35.5"N 128°40'50.3"E	-	RNAV 1	ı
35°55'43.2"N 128°46'57.0"E - RNAV 1 186.00 - 35°55'16.5"N 128°56'47.1"E - RNAV 1	TGU			343 (334.0)		1	000 6+	1	35°48'35.4"N 128°35'26.8"E	ı	RNAV 1	ı
35°56′16.5″N 128°56′47.1″E - RNAV 1	TN652			061 (052.7)	11.8	ı	000 9+	ı	35°55'43.2"N 128°46'57.0"E	ı	RNAV 1	ı
	TF UKBAT			(0.980) 560		ı	000 9+	-230	35°56'16.5"N 128°56'47.1"E	ı	RNAV 1	IAF

arks		<b>L</b>
Remarks	•	IAF
VPA/ Navigation RDH Specification	RNAV 1	RNAV 1
VPA/ RDH	1	ı
Coordinates	35°54'12.6"N 129°04'52.0"E	35°56'16.5"N 128°56'47.1"E
Speed (kt)	i	-230
Altitude Speed (ft) (kt)		+6 000
Distance Turn (NM) Direction	ı	1
rse/Track Distance Turn ^M(°T) (NM) Direction	ı	6.9
Course/Track °M(°T)	-	296 (287.5)
Fly- over		
Waypoint Fly- Cour Identifier over	LAPAL	UKBAT
Path escriptor	F	¥
Serial Number D	001	005

	Distance Turn Altitude Speed	riptor Identifier over "M(°T) (NM) Direction (ft) (kt) Coordinates TCH Specification Remarks	_
	y- Cours		060
	oint FI,	ier ov	_
	Waypo	· •=-	UKBA
Ж	Path	Descriptor	¥
IOLDING PROCEDURE	Holding	dentification	RNAV UKBAT 1

 ${\it Change: Establishment\ of\ standard\ instrument\ arrival\ procedure\ for\ RWY\ 31L/R.}$ 

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