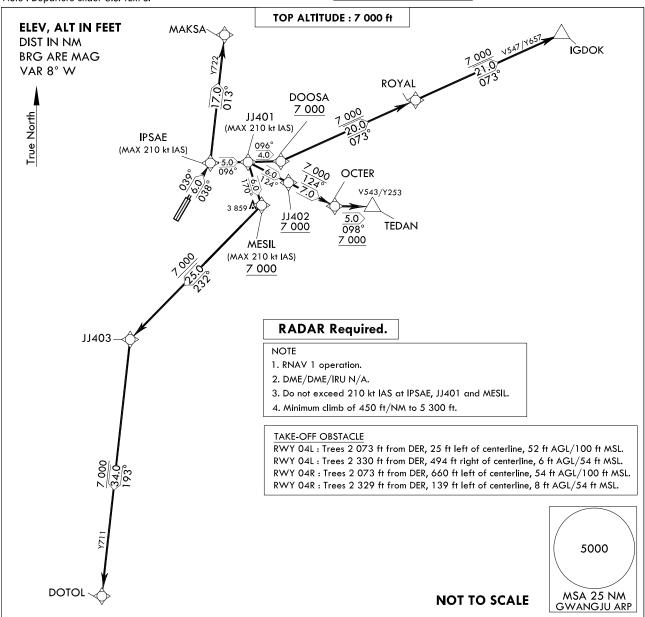
STANDARD DEPARTURE CHART INSTRUMENT (SID)

TRANSITION ALT 14 000 TRANSITION LVL FL 140 GWANGJU DEP 124.0, 124.7 347.2 GWANGJU TWR 118.05 254.6 GWANGJU/Gwangju(RKJJ) RWY 04L/R RNAV IPSAE 1

Note: Departure under U.S. TERPS.



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 04R : Climb on course 038° to IPSAE, thence......

TAKE-OFF RWY 04L : Climb on course 039° to IPSAE, thence......

.....transition routes and expect further clearance to filed altitude after departure.

MAKSA Transition: From IPSAE track 013° to MAKSA.

 $\underline{\mathsf{IGDOK}\ \mathsf{Transition}}:\mathsf{From}\ \mathsf{IPSAE}\ \mathsf{track}\ \mathsf{096}^\circ$ to JJ401 and track $\mathsf{096}^\circ$ to DOOSA at or above 7 000 ft,

then track 073° to ROYAL and track 073° to IGDOK.

TEDAN Transition : From IPSAE track 096° to JJ401 and track 124° to JJ402 at or above 7 000 ft,

then track 124° to OCTER and track 098° to TEDAN.

DOTOL Transition: From IPSAE track 096° to JJ401 and track 170° to MESIL at or above 7 000 ft,

then track 232° to JJ403 and track 193° to DOTOL.

GWANGJU/Gwangju(RKJJ) RWY 04L/R RNAV IPSAE 1

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

Remarks	1	ı		Remarks		1	ı	ı	•
Navigation specification	RNAV 1	RNAV 1		Navigation specification	RNAV 1	RNAV 1	RNAV 1	RNAV 1	RNAV 1
VPA/ RDH	1	Ĩ		VPA/ RDH	1	1	1	1	1
Coordinates	35°13'07.6"N 126°52'30.1"E	35°30'11.3"N 126°54'22.0"E		Coordinates	35°13'07.6"N 126°52'30.1"E	35°13'21.1"N 126°58'35°.9"E	35°13'32.6"N 127°03'54.5"E	35°21'59.1"N 127°25'33.7"E	35°31'03.6"N 127°49'06.6"E
Speed (kt)	-210	ı		Speed (kt)	-210	-210	1	ı	
Altitude (ft)	•	ı		Altitude (ft)	i	1	+7 000	+7 000	+7 000
Turn direction	-	ı		Turn direction	1	1	ı	1	-
Distance (NM)	5.7	17.1		Distance (NM)	5.7	5.0	4.4	19.6	21.3
Course/Track Distance r (NM)	04L-039 (031.0) 04R-038 (029.9)	013 (005.1)		Serial Path Waypoint Fly- Course/Track Distance Number Descriptor Identifier over ${}^{\circ}N({}^{\circ}T)$ (NM)	04L-039 (031.0) 04R-038 (029.9)	096 (087.4)	(5.780) 990	073 (064.5)	073 (064.7)
Fly- over		1	_	Fly- over	-		-		-
Path Waypoint Fly- Descriptor Identifier over	IPSAE	MAKSA	X Transition	Waypoint Identifier	IPSAE	1)401	ASOOQ	ROYAL	ЮБОК
	GF	Ľ	RNAV IPSAE 1 - IGDOK Transition	Path Descriptor	G	ΤF	Ή	TF.	ΤF
Serial Number	100	005	RNAV IPSA	Serial	100	005	003	004	900

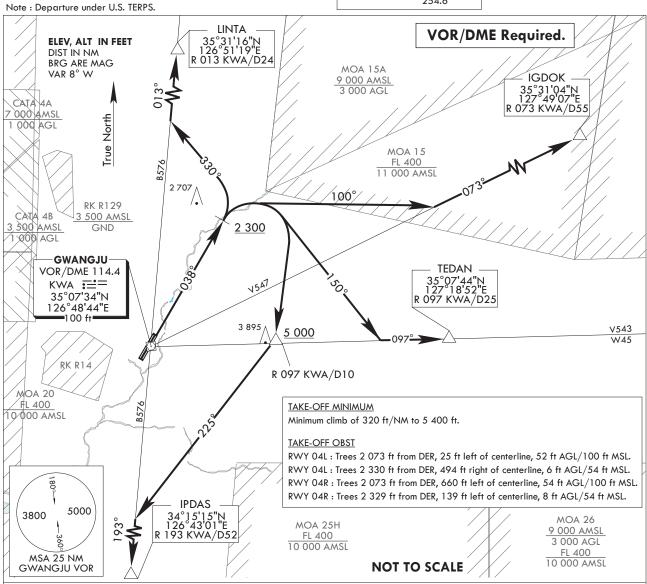
	Tum Altitude Speed Coordinates VPA/ Navigation Remarks direction (ft) (kt)	210 35°13'07.6"N 126°52'30.1"E - RNAV 1	-210 35°13'21.1"N 126°58'35.9"E - RNAV 1	+7 000 - 35°10'43.6"N 127°05'12.9"E - RNAV 1	+7 000 - 35°07′43.0″N 127°12′46.3″E - RNAV 1	+7 000 - 35°07′43.8″N 127°18′52.1″E RNAV 1
	Coordinate	35°13'07.6"N 126°	35°13'21.1"N 126°	35°10'43.6"N 127°	35°07'43.0"N 127°	35°07'43.8"N 127°
	Speed (kt)			-	1	-
	Altitude (ff)	1	ı	47 000	47 000	+7 000
	Turn direction	ı	ı	ı	1	=
	Distance (NM)	5.7	5.0	0.9	6.9	5.0
	Serial Path Waypoint Hy- Course/Track Distance Number Descriptor Identifier over "M(°T) (NM)	04L-039 (031.0) 04R-038 (029.9)	(9.780) 960	124 (115.8)	124 (115.8)	0.5 (8.680) 860
_	Fly- over	ı	ı	ı	ı	ı
N Transition	Waypoint Identifier	IPSAE	11401	11402	OCTER	TEDAN
RNAV IPSAE 1 - TEDAN Transition	Path Descriptor	ъ	ΤF	ΤF	TF	TF
RNAV IPSA	Serial Number	100	005	003	004	900

RNAV IPS	RNAV IPSAE 1 - DOTOL Transition	OL Transitio	č									
Serial Number	Path Descriptor	Waypoint Identifier	Fly- over	Serial Path Waypoint Fly- Course/Track Distance Turn Jumber Descriptor Identifier over "M(°T) (NM) direction	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	VPA/ Navigation RDH specification	Remarks
100	P	IPSAE		04L-039 (031.0) 04R-038 (029.9)	5.7	ı	1	-210	35°13'07.6"N 126°52'30.1"E	-	RNAV 1	-
005	TF.	1)401		096 (087.4)	5.0	ı	ı	-210	35°13'21.1"N 126°58'35.9"E	ı	RNAV 1	•
003	Ŧ	WESIL	•	170 (161.5) 6.0	0.9	-	000 /+	+7 000 -210	35°07'39.2"N 127°00'55.4"E	-	RNAV 1	-
004	Ŧ	1)403		232 (223.2) 24.9	24.9	ı	+7 000	1	34°49'26.5"N 126°40'11.4"E	ı	RNAV 1	-
005	Ŧ	DOTOL		193 (185.0)	34.3	ı	+7 000	ı	34°15'15.4"N 126°36'36.6"E	ı	RNAV 1	•

RNAV IPSAE 1 - MAKSA Transition

STANDARD DEPARTURE CHART INSTRUMENT (SID)

TRANSITION ALT 14 000 TRANSITION LVL FL 140 GWANGJU DEP 124.0, 124.7 347.2 GWANGJU TWR 118.05 254.6 GWANGJU/Gwangju(RKJJ) RWY 04L/R GWANGJU 3



DEPARTURE ROUTE DESCRIPTION

 $\underline{\text{TAKE-OFF RWY 04R/L}}: \text{Climb HDG 038}^{\circ}$ to 2 300 ft, thence.......

........ Climb to assigned or specified altitude via (the following transition routes).

 $\underline{\text{LINTA transition}}$: Left turn HDG 330° to intercept R 013 KWA and R 013 KWA to LINTA.

IGDOK transition: Right turn HDG 100° to intercept R 073 KWA and R 073 KWA to IGDOK.

 $\underline{\text{TEDAN transition}}: \text{Right turn HDG } 150^{\circ} \text{ to intercept R } 097 \text{ KWA and R } 097 \text{ KWA to TEDAN.}$

IPDAS transition: Right turn direct to R 097 KWA/D10 at or above 5 000 ft,

then right turn HDG 225° to intercept R 193 KWA and R 193 KWA to IPDAS.

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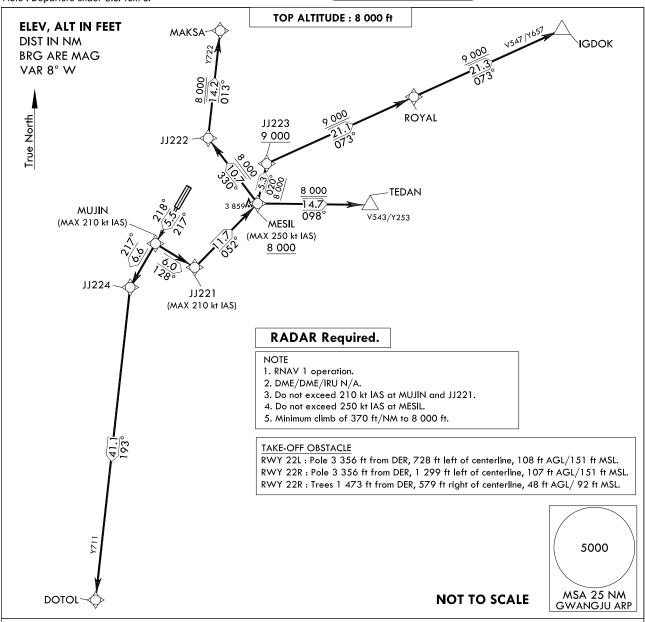
OFFICE OF CIVIL AVIATION AIP AMDT 7/22

STANDARD DEPARTURE CHART INSTRUMENT (SID)

TRANSITION ALT 14 000 TRANSITION LVL FL 140

GWANGJU DEP 124.0, 124.7 347.2 GWANGJU TWR 118.05 254.6 GWANGJU/Gwangju(RKJJ) RWY 22L/R RNAV MUJIN 1

Note: Departure under U.S. TERPS.



DEPARTURE ROUTE DESCRIPTION

 $\underline{\text{TAKE-OFF RWY 22R}}: \text{Climb}$ on course 217° to MUJIN, thence......

TAKE-OFF RWY 22L: Climb on course 218° to MUJIN, thence......

.....transition routes and expect further clearance to filed altitude after departure.

DOTOL Transition: From MUJIN track 217° to JJ224 and track 193° to DOTOL.

 $\underline{\text{TEDAN Transition}}: \text{From MUJIN track } 128^{\circ} \text{ to JJ221 and track } 052^{\circ} \text{ to MESIL at or above } 8 \text{ 000 ft,}$

then track 098° to TEDAN.

IGDOK Transition: From MUJIN track 128° to JJ221 and track 052° to MESIL at or above 8 000 ft,

then track 020° to JJ223 and track 073° to ROYAL and track 073° to IGDOK.

MAKSA Transition: From MUJIN track 128° to JJ221 and track 052° to MESIL at or above 8 000 ft,

then track 330° to JJ222 and track 013° to MAKSA.

GWANGJU/Gwangju(RKJJ) RWY 22L/R RNAV MUJIN 1

AERONAUTICAL DATA TABULATION

Tables	
Coding	
Procedure	
parture	
Standard Instrument De _l	
Standard	

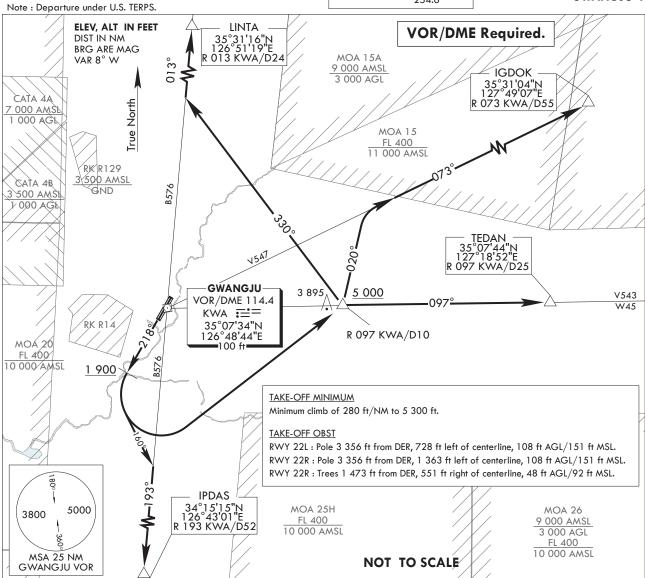
Path Descriptor	otor Ide	Waypoint F Identifier o	Fly- over		Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	RDH RDH	Navigation specification	Remarks
R		MUJIN	- 23	22L-218 (209.9) 22R-217 (208.8)	5.5	•	-	-210	35°02'06.6"N 126°44'47.0"E	•	RNAV 1	•
11		1)224	,,	217 (208.8)	9.9	ı	ı	ı	34°56'18.9"N 126°40'54.9"E	-	RNAV 1	ı
۲		DOTOL		193 (185.0)	41.1		1	ı	34°15'15.4"N 126°36'36.6"E	ı	RNAV 1	ı
<u>z</u>	TEDAN .	RNAV MUJIN 1 - TEDAN Transition	_									
Path Descriptor	h otor Ide	Waypoint F Identifier o	Fly- over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
P.		NITOW	- 5.5	22L-218 (209.9) 22R-217 (208.8)	5.5	ı	ı	-210	35°02'06.6"N 126°44'47.0"E	ı	RNAV 1	ı
11		1,221		128 (119.9)	0.9	1	ı	-210	34°59'06.8"N 126°51'06.8"E	1	RNAV 1	1
۴		MESIL		052 (043.3)	11.7		+8 000	-250	35°07'39.2"N 127°00'55.4"E	1	RNAV 1	
₽		TEDAN		098 (089.6)	14.7	ı	+8 000	1	35°07'43.8"N 127°18'52.1"E	ı	RNAV 1	
- N	ВБОК	RNAV MUJIN 1 - IGDOK Transition	_								-	
Path Descriptor	otor Ide	Waypoint Fly- Identifier over	ly- C	Course/Track	Distance (NM)	Turn	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
ხ		NICUM	- 2.2	22L-218 (209.9) 22R-217 (208.8)	5.5		1	-210	35°02'06.6"N 126°44'47.0"E		RNAV 1	
⊭		1,221	,	128 (119.9)	0.0		,	-210	34°59'06.8"N 126°51'06.8"E	ı	RNAV 1	1
¥		MESIL	,	052 (043.3)	11.7	ı	+8 000	-250	35°07'39.2"N 127°00'55.4"E	,	RNAV 1	
⊭		11223	,	020 (011.8)	5.3	ı	000 6+	ı	35°12'53.6"N 127°02'15.1"E	,	RNAV 1	ı
⊭		ROYAL	,	073 (064.5)	21.1		000 6+	1	35°21'59.1"N 127°25'33.7"E	ı	RNAV 1	
⊭		IGDOK	,	073 (064.7)	21.3		000 6+	ı	35°31'03.6"N 127°49'06.6"E	,	RNAV 1	
N	MAKSA	RNAV MUJIN 1 - MAKSA Transition	_								_	
Serial Path Number Descriptor	h otor Ide	Waypoint F Identifier o	Fly- C	Course/Track Di M(T)	Distance (NM)	Turn	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
p.		NILUM	- 0.01	22L-218 (209.9) 22R-217 (208.8)	5.5	ı		-210	35°02'06.6"N 126°44'47.0"E	ı	RNAV 1	,
۴		1,221		128 (119.9)	6.0	ı		-210	34°59'06.8"N 126°51'06.8"E	ı	RNAV 1	
₽		MESIL		052 (043.3)	11.7	,	000 8+	-250	35°07'39.2"N 127°00'55.4"E	ı	RNAV 1	
۴		11222		330 (321.8)	10.7		000 8+	ı	35°16'04.6"N 126°52'49.4"E	1	RNAV 1	
⊭		MAKSA		013 (005.1)	14.2	1	000 8+	,	35°30'11.3"N 126°54'22.0"E	,	RNA<	1

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STANDARD DEPARTURE CHART **INSTRUMENT (SID)**

TRANSITION ALT 14 000 TRANSITION LVL FL 140 GWANGJU DEP 124.0, 124.7 347.2 GWANGJU TWR 118.05 254.6

GWANGJU/Gwangju(RKJJ) RWY 22L/R **GWANGJU 4**



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 22L/R: Climb HDG 218° to 1 900 ft, thence.......

......... Climb to assigned or specified altitude via (the following trasition routes).

IPDAS transition: Left turn HDG 160° to intercept R 193 KWA and R 193 KWA to IPDAS.

LINTA transition: Left turn direct to R 097 KWA/D10 at or above 5 000 ft, then left turn HDG 330° to

intercept R 013 KWA and R 013 KWA to LINTA.

IGDOK transition: Left turn direct to R 097 KWA/D10 at or above 5 000 ft, then left turn HDG 020° to

intercept R 073 KWA and R 073 KWA to IGDOK.

<u>TEDAN transition</u>: Left turn direct to R 097 KWA/D10 at or above 5 000 ft, then right turn direct to TEDAN.

A I P Republic of Korea RKJJ AD CHART 2 - 14 - 1
12 JAN 2023

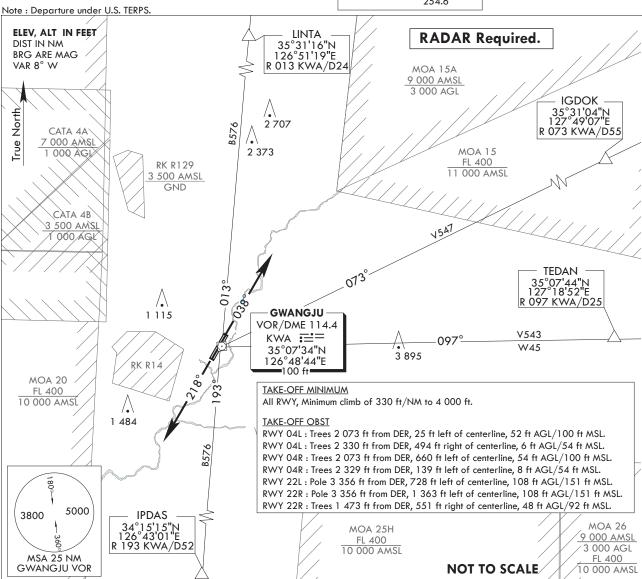
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Republic of Korea 12 JAN 2023 GWANGJU/Gwangju(RKJJ) STANDARD DEPARTURE CHART TRANSITION ALT 14 000 TRANSITION LVL FL 140 GWANGJU DEP 124.0, 124.7 347.2 **RWY 04L/R, 22L/R INSTRUMENT (SID)** GWANGJU TWR 118.05 **GWANGJU 5** 254.6 Note: Departure under U.S. TERPS.



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 04L/R: Climb HDG 038°, thence...... TAKE-OFF RWY 22L/R: Climb HDG 218°, thence.......

...... Except radar vectors to intercept filed Enroute fix or Navaid.

Maintain 8 000 ft or assigned altitude(flight level).

Expect filed altitude/fligth level within 10 minutes after departure.

LOST COMMUNICATIONS: If radio contact is not established with departure control prior to reaching 4 000 ft, continue climb to 8 000 ft before turning to filed fix/Navaid and proceed filed route and altitude.

Change: Page control.

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