ENR 3. ATS ROUTES ENR 3.1 CONVENTIONAL NAVIGATION ROUTES

3.1.1 INTERNATIONAL ATS ROUTES

			Upper limits Lower limits			ion of levels	
Route designator (RNP/RNAV) Name of significant points	VOR F	MAG↑/↓ RDL	Minimum altitude(MOCA) ft AMSL or FL	Lateral limits	044	F: can	Remarks Controlling unit channel
Coordinates 1	(COP)	2	Airspace classification 3	NM 4	Odd	Even	Logon address 6
A582	174° 354° 12.4 174° 354° 7.4		UNL 4 500 (3 400) Class A, D, G	10	↓		Daegu ACC FREQ: 132.80 MHz 118.925 MHz 122.75 MHz ¹⁾ 1) Common frequency Airspace Classification Class A: ABOVE FL 200 - FL 600
370540N 1270154E △ OSPOT 365018N 1272055E	144° 324° 21.6 144° 324°		UNL 8 000 (3 300) Class A, D, G				Class D: MEA - FL 200 Class G: ABOVE FL 600 - UNL Daegu ACC
△ VASLI 364252N 1273003E	10.4 144° 324°	(00/20)	UNL 8 000 (4 300)				FREQ: 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ²⁾ 2) Common frequency
△ MAKDU 362712N 1274909E	21.9 144° 324°	(69/39)	Class A, D, G UNL 8 000 (4 400)	-			Airspace Classification Class A : ABOVE FL 200 - FL 600 Class D :
△ BITUX 361645N 1280148E	14.6 144° 324°		Class A, D, G UNL 10 000				MEA - FL 200 Class G : ABOVE FL 600 - UNL
▲ DALSEONG VORTAC(TGU)			(5 200) Class A, D, G				
354835N 1283527E A KALOD 353012N 1284626E	162° 342° 20.4 162°		UNL 6 000 (5 400)				
■ BUSAN VORTAC(PSN) 350721N 1285958E	342° 25.4		Class A, D, G				
APELA(FIR BDRY)	162° 342° 26.6		4 000 (3 000)			<u> </u>	
344323N 1291400E 344312N 1291408E ³⁾		SSEL datui	Class A, D, G			<u>'</u>	
INCHEON FIR							
FUKUOKA FIR							

Change: Information of title for ENR 3.1.

Republic of Norea			Upper limits		Direct	ion of	16 DEC 202
Route designator	Track N	//AG↑/↓ DL	Lower limits			levels	
RNP/RNAV) Name of significant points Coordinates	VOR R DIST (COP)	DL 2	or Minimum altitude(MOCA) ft AMSL or FL Airspace classification	Lateral limits NM 4	Odd	Even	Remarks Controlling unit channel Logon address
A586 ▲ TENAS			1		1		
373820N 1313427E	227° 047°		UNL FL 310(4 600)	10		1	Daegu ACC
△ AGSUS 364521N 1304044E	68.1 228° 048°		Class A, G				FREQ: 122.25 MHz 134.175 MHz 120.575 MHz 125.925 MHz
△ DABIK 361743N 1301143E	36.2 228° 048°		UNL FL 310(1 500) Class A, G				122.75 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1
△ BULGA 355609N 1294924E	28.1 228° 048°		UNL FL 310(2 900)				
△ BEDOM 352513N 1291754E	40.2 228° 047°		Class A, G UNL FL 310(4 000)				
▲ BUSAN VORTAC(PSN) 350721N 1285958E	23.1 237° 057°		Class A, G UNL 8 000(3 500)				Daegu ACC FREQ: 125.375 MHz
△ OMOTU 350033N 1285022E ▲ TOPAX	10.4 237° 057°		Class A, D, G UNL 8 000(3 200) Class A, D, G				122.75 MHz ²) 2) Common frequency Airspace Classification refer to ENR 3.1-1
344555N 1282952E	22.3 237° 057°		UNL 8 000(2 800)				Incheon ACC FREQ: 128.175 MHz
△ GOSBO 341517N 1274734E	46.4 237° 056°	(79/78)	Class A, D, G <u>UNL</u> 9 000(2 000)				128.325 MHz 132.20 MHz ³⁾ 3) Common frequency
▲ MAKET 335452N 1271953E	30.7 236° 056°		UNL 9 000(1 500)				Incheon ACC FREQ : 124.525 MHz
△ ATINA 334320N 1270423E	17.3 236° 055°		Class A, D, G UNL 9 000(8 700)				132.425 MHz 132.20 MHz ⁴⁾ 4) Common frequency
▲ JEJU VORTAC(CJU) 332305N 1263727E	30.3 169° 349°		Class A, D, G				Airspace Classification refer to ENR 3.1-1 * The cruising levels
△ TOSAN 330012N 1264619E	24.0		9 000(8 700) Class A, D, G				from CJU to RUGMA are even levels due to operational reasor
▲ RUGMA	169° 349° 31.5		UNL 9 000(1 500) Class A, D, G		│		The cruising level from RUGMA to CJI are odd levels due to operational reasons
323012N 1265753E 323000N 1265800E ⁴⁾	4) <i>BES</i>	SEL datui	n				
INCHEON FIR FUKUOKA FIR TENAS PSN CDP1 Operation	nol hour!!!	TC) \M-	okdova : 4400 2000 - 04	T. 2200	on the	roco di a	a until 2400 on the
TENAS-PSN CDR1 Operation Saturday - SUN: 0000-2200 -	Holiday : 1	100 on th					

Change: Information of TENAS-PSN CDR1 operational hours(Holiday).

		Upper limits Lower limits		Direct cruising		-
Route designator (RNP/RNAV) Name of significant points	Track MAG↑/↓ VOR RDL DIST	or Minimum altitude(MOCA) ft AMSL or FL	Lateral limits			Remarks Controlling unit channel
Coordinates	(COP)	Airspace classification	NM	Odd	Even	Logon address
1	2	3	4	5	5	6
FUKUOKA FIR						,
INCHEON FIR A593 ▲ ONIKU(FIR BDRY)						Incheon ACC
321142N 1263917E	263° 082°		50		↓	FREQ: (At or above FL 335) 133.425 MHz 134.15 MHz 132.20 MHz ¹⁾
△ NIRAT 320354N 1260329E	31.4 <u>263°</u> 083°	UNL				(Below FL 335) 125.725 MHz 132.825 MHz 128.375 MHz 132.20 MHz ¹⁾
△ PONIK 320021N 1254659E	14.5 262° 082°	FL 240 (1 500) Class A, G				Common frequency Airspace Classification refer to ENR 3.1-1
▲ SADLI 314948N 1250000E	41.4 263° 082°				↓	Eastbound from SADLI to ONIKU is only for Non-approval of RNAV 2. Any aircraft approved for RNAV 2 operation should use Y590.
▲ LAMEN(FIR BDRY) 313636N 1240000E	52.8 2) BESSEL datu	m		<u> </u>		
INCHEON FIR						
SHANHAI FIR						
1. Delegation	1					

The responsibility of Air Traffic Services in the scope below within Incheon FIR is delegated to Shanghai ACC.

- Horizontal scope : 320229N 1240000E 321540N 1250000E 312356N 1250000E 311043N 1240000E
- Vertical scope : FL 240 through FL 410 inclusive
- 2. Flight Level Allocation Scheme (FLAS)
 - (1) The west of SADLI
 - Eastbound: FL 250, FL 270, FL 290, FL 310, FL 330, FL 350, FL 370, FL 390, FL 410
 - Westbound: FL 240, FL 260, FL 280, FL 300, FL 320, FL 340, FL 360, FL 380, FL 400
 - (2) The east of SADLI
 - Eastbound(From Shanghai FIR To Fukuoka FIR): FL 250, FL 290, FL 310, FL 390
 - Westbound(From Fukuoka FIR To Shanghai FIR) : FL 240, FL 280, FL 300, FL 400

•	A595 JEJU VORTAC(CJU)		I				Incheon ACC FREQ: 124.525 MHz
	332305N 1263727E	089° 269° 35.9	UNL 9 000 (8 700)	8	+		132.425 MHz 132.20 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
	TAMNA 332815N 1271953E	089° 270°	Class A, D, G				Incheon ACC FREQ: 128.175 MHz
•	SAMDO(FIR BDRY) 333503N 1281857E	49.8	(1 500) Class A, D, G			↑	128.325 MHz 132.20 MHz ³⁾ 3) Common frequency Airspace Classification
	333451N 1281905E ⁵⁾ INCHEON FIR FUKUOKA FIR	5) BESSEL datur	m				refer to ENR 3.1-1

Change: Information of remarks and frequencies(Incheon ACC).

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ENR 3.1 - 3

6 MAY 2021

Name of significant points Coordinates 1	DIST (COP)		Lateral			Remarks
		Airspace classification	limits NM	Odd	Even	Controlling unit channel Logon address
		3	4	Odd		6
PYONGYANG FIR					<u>- </u>	
INCHEON FIR						
B332 ▲ KANSU(FIR BDRY) 383800N 1322830E △ PALDU 375813N 1323625E ▲ SABET 373829N 1324019E ▲ IGRAS(FIR BDRY) 371846N 1324411E	180° 360° 40.2 180° 360° 19.9 180° 360° 19.9	UNL FL 200 (1 500) Class A, G	50	↓	1	Daegu ACC FREQ: 122.25 MHz 125.925 MHz 122.75 MHz 1) Common frequency Airspace Classification refer to ENR 3.1-1
INCHEON FIR FUKUOKA FIR						
B467 ▲ GANGWON VORTAC(KAE 374203N 1284514E	100° 280°	UNL 8 000 (7 100)	10	\		Daegu ACC
△ NOMEX	47.2	Class A, D, G				FREQ: 122.25 MHz
374112N 1294441E	100° 280°	UNL 8 000				134.175 MHz 125.925 MHz 122.75 MHz ²)
△ BUSKO	25.0	(1 500) Class A, D, G				2) Common frequency
374033N 1301610E	100° 281°	UNL 8 000 (4 600)				Airspace Classification
▲ TENAS	62.2	Class A, D, G				refer to ENR 3.1-1
373820N 1313427E	044° 224°	UNL	50			
△ MALSO	20.0	FL 200				
375440N 1314904E	044° 225°	(1 500)				
▲ KANSU(FIR BDRY)		Class A, G			1	
383800N 1322830E	53.3				<u> </u>	
INCHEON FIR PYONGYANG FIR						

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			Upper lin Lower lin				tion of	
Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG 1 VOR F DIST (COP)	RĎL	or Minimum altitud ft AMSL o Airspace class	r FL	Lateral limits NM	Odd	Even	Remarks Controlling unit channel Logon address
1		2	3		4		5	6
B576* ▲ ANYANG VORTAC(SEL) 372449N 1265542E	174° 354°		UNL		10		\	Daegu ACC FREQ: 132.80 MHz 128.70 MHz
▲ POLEG 371249N 1265935E	12.4 174° 354°		4 500 (3 400) Class A, E					122.75 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1
▲ SONGTAN VORTAC(SOT) 370540N 1270154E	7.4 194° 014°			(2 800)				Incheon ACC FREQ: 126.175 MHz
△ OLMEN 364413N 1265928E	21.5 194° 014°		13 000 7 000	(3 600)				134.375 MHz 132.20 MHz ²⁾ 2) Common frequency Airspace Classification
△ ENTEL 362311N 1265705E	21.1 194° 013°	(59/59) KUZ	Class D	(3 100)				refer to ENR 3.1-1 * Note
△ RINBO 355352N 1265349E	29.4 193° 013°	R-060/ D 19.1	UNL** FL 140	(3 400)				B576 is only used for Non-RNAV aircraft. Any aircraft approved for RNAV operations should
△ LINTA 353116N 1265119E	22.7 193° 013°	_	Class A, D, G					use Y711 or Y722.
	23.8 193°		13 000	(4 700)				FREQ: 123.725 MHz 124.50 MHz 132.20 MHz ³⁾
△ IPDAS	012° 52.5	-	8 000 (4 700)					Common frequency Airspace Classification refer to ENR 3.1-1
341515N 1264301E ▲ JEJU VORTAC(CJU)	193° 012° 52.3	(52/52)	Class D 13 000 9 000 (8 700)	UNL** FL 140				Incheon ACC FREQ: 124.525 MHz 132.425 MHz 132.20 MHz ⁴⁾ 4) Common frequency
332305N 1263727E	207° 027°		Class D UNL 9 000					Airspace Classification refer to ENR 3.1-1 ** Note
△ SOSDO	027° 24.3		(8 700) Class A, D					Any aircraft planning to operate above FL 140 between SOT and CJU must coordinate with
330012N 1262735E △ SAMLO	207° 027° 29.5							Incheon ACC before flight planning.
323223N 1261536E	207° 027°							Incheon ACC
△ NIRAT 320354N 1260329E	30.2 207° 027°		UNL 8 000 (1 500)					FREQ: (At or above FL 335) 133.425 MHz 132.425 MHz 132.20 MHz ⁵⁾
△ ELGEP 314653N 1255617E	18.1 207° 027°		Class A, E					(below FL 335) 125.725 MHz 132.825 MHz
△ TESIM 313526N 1255128E	12.1 207° 027°							128.375 MHz 132.20 MHz ⁵⁾ 5) Common frequency
▲ ATOTI(FIR BDRY) 300013N 1251154E 300000N 1251200E ²⁾ INCHEON FIR FUKUOKA FIR	100.9	SSEL dati	um			<u></u>		Airspace Classification refer to ENR 3.1-1
NAVAID(DME) GAP : Between			NA and 55 NM information.	from SC	T, below	/ 10 000	ft AMS	L, request to controller is

Republic of Korea



		Upper limits Lower limits or			tion of g levels	
Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG↑/↓ VOR RDL DIST (COP)	Minimum altitude(MOCA) ft AMSL or FL Airspace classification	Lateral limits NM	Odd	Even	Remarks Controlling unit channel Logon address
1	2	3	4		5	6
G339 ▲ BUSAN VORTAC(PSN) 350721N 1285958E			8			Daegu ACC
	149° 330°	UNL 10 000 (3 400)				FREQ: 125.375 MHz 125.775 MHz 124.575 MHz
▲ INVOK(FIR BDRY) 344719N 1291923E	25.6	Class A, D, G			<u> </u>	122.75 MHz ¹⁾ 1) Common frequency
344708N 1291931E ²⁾ INCHEON FIR	2) BESSEL date	um				Airspace Classification refer to ENR 3.1-1
FUKUOKA FIR						

			Upper limits			tion of	
Route designator		MAG↑/↓	Lower limits or Minimum altitude(MOCA)		cruising	g levels	
(RNP/RNAV) Name of significant points	VOR F	RDL	ft AMSL or FL	limits	0.14	F	Remarks Controlling unit channel
Coordinates 1	(COP)	2	Airspace classification 3	NM 4	Odd	Even	Logon address
G585 ▲ ANYANG VORTAC(SEL)							Daegu ACC
372449N 1265542E				8	 		FREQ: 132.80 MHz
	133° 313° 10.7						128.70 MHz 118.925 MHz 120.525 MHz 122.75 MHz ¹⁾
▲ KALMA			UNL 8 000				1) Common frequency
371845N 1270645E	133° 313°		(3 400) Class A, D, G				Only flying westbound from KPO to SEL on G585 is authorized except ACFT departing from RKTY or RKTI.
	19.3						Aircraft flying eastbound from SEL to KPO at or
△ KAKSO 370745N 1272637E							above 11 000 ft on G585 shall get PPR 24 hours before from Daegu ACC.
	133° 313°		UNL 				No PPR is needed at or below 10 000 ft. Airspace Classification refer to ENR 3.1-1
	11.5	(50/32)	(3 600) Class A, D, G				
△ GUKDO 370111N 1273823E			UNL				Daegu ACC
	133° 313°		8 <u>000</u> (3 700)				FREQ: 120.575 MHz 119.357 MHz
△ ENSAL 365554N 1274747E	9.2		Class A, D, G UNL				134.375 MHz 122.75 MHz ²⁾
303334N 12/4/4/E	133° 314°		8 000 (4 000)				2) Common frequency
\triangle BASEM	9.2		Class A, D, G				Only flying westbound from KPO to SEL on
365037N 1275710E	134° 314°		UNL 8 000 (5 000)				G585 is authorized except ACFT departing from RKTY or RKTI.
▲ BIGOB	12.5		Class A, D, G				Aircraft flying eastbound
364325N 1280952E	134° 314°		UNL 8 000 (4 900)				Aircraft flying eastbound from SEL to KPO at or above 11 000 ft on G585 shall get PPR 24 hours before from
△ YECHEON VOR(CUN)	9.5		Class A, D, G				Incheon/Daegu ACC. No PPR is needed at or below 10 000 ft.
363755N 1281931E	133° 313°		UNL 8 000 (3 900)				or below 10 000 ft. Airspace Classification refer to ENR 3.1-1
△ ELAPI	30.8	(34/34)	Class A, D, G				
362014N 1285051E	133° 314°		UNL 8 000 (5 000)				
▲ POHANG VORTAC(KPO)	37.3		Class A, D, G				
355838N 1292828E	107° 287°		UNL 8 000 (3 500)				
\triangle BULGA	17.2		Class A, D, G				
355609N 1294924E	107° 287°		UNL 8 000 (1 500)				
▲ SAPRA(FIR BDRY)	44.4		Class A, D, G			1	
354926N 1304325E 354915N 1304334E ³⁾	3) <i>BES</i>	SSEL datu	m				
INCHEON FIR							
FUKUOKA FIR							

 $\hbox{Change : Information of controlling unit(Incheon ACC \rightarrow Daegu ACC) and frequencies(Daegu ACC)}.$

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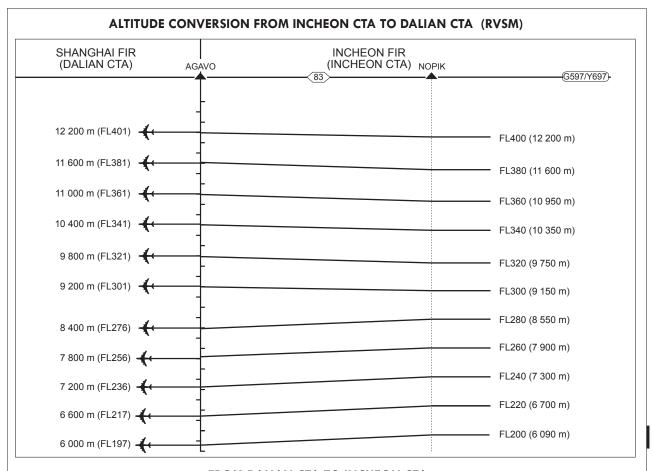
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		<u>Upper limits</u> Lower limits		Direction of cruising level	s
Route designator	Track MAG ↑ / ↓	or Minimum altitude(MOCA)			
(RNP/RNAŬ) Name of significant points	VOR RDL DIST	ft AMSL or FL	Lateral limits		Remarks Controlling unit channel
Coordinates	(COP)	Airspace classification	NM	Odd Ever	Logon address
SHANGHAI FIR	2	3	4	5	6
INCHEON FIR					
G597 ▲ AGAVO(FIR BDRY)					Daegu ACC FRFQ 128 70 MHz
371010N 1235953E	096°		10		FREQ : 128.70 MHz
371000N 1240000E ⁵⁾	276°				1) Common frequency
▲ GONAV	20.0				, , , , ,
▲ GONAV 371048N 1242453E	066°				Westbound(SEL-AGAVO) FL 400, FL 380, FL 360, FL 340, FL 320, FL 300,
	246°				FL 340, FL 320, FL 300, FL 280, FL 260, FL 240, FL 220, FL 200.
\triangle DANTI	13.8	UNL			
371806N 1243929E	066° 247°	FL 150			Note G597_is_only_for_
△ ANSIM	10.0	(1 500) Class A, D, G			Non-RNAV aircraft
372323N 1245009E	097°				Any aircraft approved for RNAV operations should use Y697.
	277°				
△ BINIL	19.0	_			Only flying westbound from SEL to AGAVO on G597 is authorized.
372349N 1251359E	097° 278°				(unless otherwise
△ NOPIK	20.0				assigned by ATC, flying eastbound in this airway
372412N 1253905E	098°	UNL			shall not be used)
	278°	8 000 (2 200)			Aircraft flying eastbound from AGAVO to SEL on
△ GOGET	41.0	Class A, D, G			from AGAVO to SEL on G597 shall get PPR 24-hours before from
372442N 1263036E	098°	UNL			Incheon ACC.
	278°	8 000 (3 400)			REF. ENR 3.1-9 for the detailed Altitude
▲ ANYANG VORTAC(SEL)	20.0	Class A, D, G			conversion procedures.
372449N 1265542E	087° 267°	UNL 7 500		•	Daegu ACC FREQ: 132.80 MHz
△ EGOBA	22.0	(3 500)			118.925 MHz 122.75 MHz ²⁾
372915N 1272246E		Class A, D, G UNL			2) Common frequency
372313IN 1272240L	087° 267°	7 500			
△ KARBU	13.9	(5 100) Class A, D, G			
373159N 1273952E	087°	UNL			Daegu ACC
	268° (44/45)	7 500 (5 600)			FREQ: 134.175 MHz 123.65 MHz 122.75 MHz ³⁾
△ TORUS	22.9	Class A, D, G			122.75 MHz ³⁾ 3) Common frequency
373625N 1280807E	087° 268°	UNL			Airspace Classification refer to ENR 3.1-1
	1 1	7 500 (7 500)			refer to ENR 3.1-1
△ BIKSI	21.8	Class A, D, G			
374032N 1283504E	088°	UNL 7 500			
▲ GANGWON VORTAC(KAE)	268° 8.2	(7 100)			
374203N 1284514E		Class A, D, G UNL			Daegu ACC
07420011 12040142	130° 310°	8 000			FREQ: 134.175 MHz 123.65 MHz
▲ PILIT	30.0	(7 100) Class A, D, G			122.75 MHz ⁴⁾ 4) Common frequency
372631N 1291731E	130°	UNL			
	130° 310°	9 000 (3 100)			Only flying westbound from LANAT to KAE on G597 shall get 24HRs
△ NIMUS	27.5	Class A, D, G			PPR from Daegu ACC.
371210N 1294656E	130° 311°				Airspace Classification
△ AGSUS	50.8	UNL			refer to ENR 3.1-1
364521N 1304044E		9 000 (1 500)			
	131° 311°	Class A, D and G			
▲ LANAT(FIR BDRY) 362224N 1312542E	42.9				↑
362224N 1312542E 362213N 1312551E ⁵⁾	5) BESSEL datu	m			
INCHEON FIR	,				
FUKUOKA FIR					

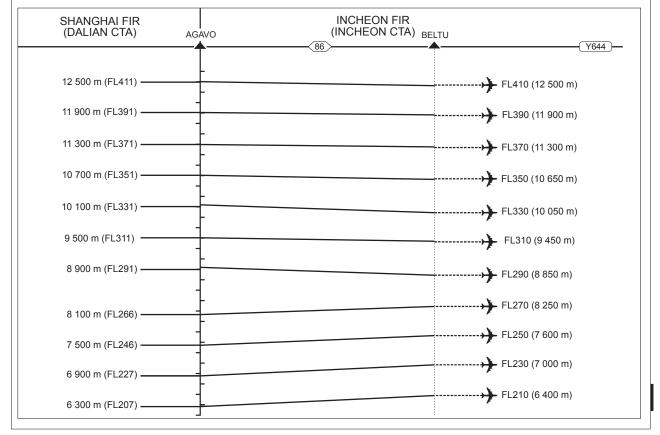
Change : Information of controlling unit(Incheon ACC → Daegu ACC) and frequencies(Daegu ACC).

OFFICE OF CIVIL AVIATION

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3.1.2 DOMESTIC ATS ROUTES

			1		1		
			Upper limits			ion of	
			Lower limits		cruising	leveis	
			or Minimum altitude(MOCA)				
	e designator	Track MAG ↑ / ↓	ft AMSL or FL				
(RN	P/RNAV) le of significant points	VOR RDL DIST		Lateral limits			Remarks Controlling unit channel
	dinates	(COP)	Airspace classification	NM	Odd	Even	Logon address
	1	2	3	4	5		6
	V11		-	1			-
	PILIT						
	372631N 1291731E	4000		8		1.	Daegu ACC
	372031N 1231731E	183°	UNL	١		•	FREQ : 134.175 MHz
	KAE R128/30 DME	003°	9 000				120.575 MHz
			(7 000)				123.65 MHz
	KPO R001/88 DME		, ,				119.375 MHz
		19.3	Class A, D, G				122.75 MHz ¹⁾
	NOBUT	19.3					122.75 WHZ *
	370715N 1291957E	183°	UNL				1) Common frequency
		003°	9 000				1) Common frequency
			(6 400)				1. 11 000 ft to FL 240,
	LOSTO	47.2	Class A, D, G				at or above FL 280
	362016N 1292548E	4000	UNL	1			will be blocked.
	302010IN 1292346L	183°					will be blocked.
		003°	9 000				2. At or above 11 000 ft.
			(3 300)				' ' '
•	POHANG VORTAC(KPO)	21.7	Class A, D, G				required 15 days PPR
	355838N 1292828E	213°	UNL	1			from Air Traffic
		032°	9 000				Management Office
		032	(4 200)				0 4: 01 :5 :5
	APARU	37.2	, ,				3. Airspace Classification
		01.2	Class A, D, G	1			refer to ENR 3.1-1
	352442N 1290932	213°	UNL				
		032°	9 000				
			(4 400)				
•	BUSAN VORTAC(PSN)	19.0	Class A, D, G		↑		
	` '		Ulass A, D, G	L	'		
	350721N 1285958E						

AIRAC AIP AMDT 11/20 Effective: 1600UTC 2 DEC 2020

				Upper limits			tion of	
	a daalamaka	T	440 1	Lower limits or		Guisifi	y ieveis	
	e designator P/RNAV)	Track N	/IAG ↑ / ↓	Minimum altitude(MOCA)	Lateral			Remarks
Nam	e of significant points	DIST	5 2	ft AMSL or FL	limits		_	Controlling unit channel
Cool	dinates	(COP)		Airspace classification	NM	Odd	Even	Logon address
	1		2	3	4	;	5	6
^	V543 DALSU							
Δ	350731N 1264206E			UNL	10	 		
	330731N 1204200L	097°		8 000	10	•		
		277°		(2 500)				
\triangle	GWANGJU VOR(KWA)	5.4		` ′				
	350734N 1264844E			Class A, D, G UNL	1			Incheon ACC
	330734N 1204044E	097°		8 000				FREQ: 120.725 MHz
		277°		(2 000)				128.30 MHz 123.725 MHz
\triangle	SAMUL	2.6		` ′				124.50 MHz
	350736NI 1265154F			Class A, D, G UNL	1			132.20 MHz ¹⁾
	350736N 1265154E	097°		8 000				1) Common frequency
		278°		(5 200)				Airspace Classification
\triangle	TEDAN	22.1						refer to ENR 3.1-1
	350744N 1271852E	098°	1	Class A, D, G UNL	1			
	330744N 1271032E	278°						
\triangle	ANUBA			8 000 (8 000)				
\triangle	350746N 1273523E	13.5		` ′				
	330740N 1273323E	098°		Class A, D, G UNL	-			
		279°		8 000				
\triangle	SAPDI		(25/83)	(8 000)				
\triangle	סעו חו	44.7						
	350737N 1282952E			Class A, D, G UNL	+			
	JUDIOIN IZUZUUZL	098°		8 000				
		278°		(3 800)				Daegu ACC
\triangle	SARAM	1.6		Class A, D, G				FREQ: 125.375 MHz
	350736N 1283147E			UNL	1			125.775 MHz
	33373014 120017/L	099°		8 000				124.575 MHz 122.75 MHz ²⁾
		279°		(4 000)				2) Common frequency
\triangle	ANKUS	11.9		Class A, D, G				
	350730N 1284616E			UNL	+			Airspace Classification
	300,0014 120-010L	099°		8 000				refer to ENR 3.1-1
		279°		(3 500)				
•	BUSAN VORTAC(PSN)	11.2		Class A, D, G			↑	
_	350721N 1285958E		<u> </u>	J. O. G. G. C.			<u>'</u>	
	V547							
\triangle	GWANGJU VOR(KWA)							Incheon ACC
_	350734N 1264844E				10			FREQ: 123.725 MHz
		072°		10 000		•		124.50 MHz 132.20 MHz ³⁾
		253°		9 000				3) Common frequency
				(8 600)				Airspace Classification
		54.7	(40/40)	Class D				refer to ENR 3.1-1
\triangle	IGDOK		(48/48)					Daegu ACC
	353104N 1274907E	<u>073</u> °		10 000				FREQ: 125.375 MHz
		254°		9 000				125.775 MHz 124.575 MHz
		11.6		(5 000)				122.75 MHz ⁴⁾
•	DALSEONG VORTAC(TGU)	41.6		Class D			<u> </u>	4) Common frequency
	354835N 1283527E							Airspace Classification
								refer to ENR 3.1-1

Change: Information of track MAG and COP(V543).

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				Upper limits		Direct	ion of	
				Lower limits			levels	
	e designator		IAG ↑/↓	or Minimum altitude(MOCA)				
Nam	P/RNAV) e of significant points	VOR RI DIST	DL	Minimum altitude(MOCA) ft AMSL or FL	Lateral limits			Remarks Controlling unit channel
Coor	dinates	(COP)		Airspace classification	NM	Odd	Even	Logon address
	V549		2	3	4	;	5	6
•	GUNSAN VORTAC(KUZ)							Incheon ACC
	355437N 1263641E	101° 281°			10	 		FREQ: 132.15 MHz
		281°						126.175 MHz
l .	51 500			10 000				123.55 MHz
	ELPOS	8.5		7 000				134.375 MHz 132.20 MHz ¹⁾
	355410N 1264707E	101° 281°		(1 800) Class D				1) Common frequency
								Aires Classification
\triangle	RINBO	5.5						Airspace Classification refer to ENR 3.1-1
	355352N 1265349E			10 000				2.27
		101° 282°	(49/48)	7 000				
_	MELEC	17.8		(3 500) Class D				
	MELES 355251N 1271542E		-					
	SOUZOIN IZI IOTZL	102° 282°		10 000 7 000				
				(5 000)				
_	OPEDA	17.2		Class D				
	355149N 1273652E	102° 282°		10 000				Daegu ACC
		202		7 000 (6 600)				FREQ: 125.375 MHz
•	DALSEONG VORTAC(TGU)	47.7		Class D				125.775 MHz 124.575 MHz
	354835N 1283527E	085° 265°						122.75 MHz ²⁾
		205		LINII				2) Common frequency
_	LAPAL	24.0		UNL 6 000				Airspace Classification
	355413N 1290452E	24.6 085°		(5 400)				refer to ENR 3.1-1
	333 11311 1200 TOZE	085° 265°		Class A, D, G				TOLL in wood Between
				Jidos A, D, O				TGU is used Between TGU and KPO.
•	POHANG VORTAC(KPO)	19.7					<u> </u>	
	355838N 1292828E							
	\MAE							
•	W45 GWANGJU TACAN(KWJ)							Incheon ACC
i	350723N 1264810E				10	\		FREQ: 123.725 MHz
	-	097° 278°		UNL				124.50 MHz 132.20 MHz ³⁾
		278°		8 000				3) Common frequency Between RIMPO and
				(8 000)				RUNIT 11 000 ft AMSL
_	DIMDO	38.4		Class A, D, G				to FL 190 VMC-IMC use for training purpose.
	RIMPO 350739N 1273502E	0000		UNL	-			Airspace Classification
	000108N 121000ZE	098° 278°	(23/85)	8 000				refer to ENR 3.1-1
		45.4		(8 000)				
\triangle	RUNIT	45.1		Class A, D, G				Daegu ACC
	350734N 1282952E	098° 279°]	UNL	1			FREQ: 125.375 MHz
		279°		8 000				125.775 MHz 124.575 MHz
	DUGAN VODTAG(201)			(4 000)			_	122.75 MHz ⁴⁾ 4) Common frequency
_	BUSAN VORTAC(PSN)	24.7		Class A, D, G			1 1	1
	350721N 1285958E							Between RIMPO and RUNIT 11 000 ft AMSL
								to FL 190 VMC-IMC use for training purpose.
								Airspace Classification
								refer to ENR 3.1-1
Ь		<u> </u>						I .

Change : Information of fix names(PIPOL \rightarrow RIMPO, BOKUM \rightarrow RUNIT), coordinates, DIST and COP for W45.

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AIRAC AIP AMDT 2/22

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		Upper limits Lower limits or		Direction of cruising levels		
Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG↑/↓ VOR RDL DIST (COP)	Minimum altitude(MOCA) ft AMSL or FL Airspace classification	Lateral limits NM	Odd	Even	Remarks Controlling unit channel Logon address
1	2	3	4	5		6
W61 ▲ SONGTAN VORTAC(SOT)			I			
370540N 1270154E	316° 136°	8 000 (2 400)	10		↓	Daegu ACC FREQ: 128.70 MHz 132.80 MHz
△ MONSI 371247N 1265015E	11.7 316°	Class A, D, G UNL				122.75 MHz ¹⁾ 1) Common frequency
371247N 1203013E	136°	8 000 (3 200)				Airspace Classification
△ GOGET 372442N 1263036E	19.7	Class A, D, G		<u> </u>		refer to ENR 3.1-1
W62						
▲ SONGTAN VORTAC(SOT) 370540N 1270154E	044° 224°	UNL	10	 		Daegu ACC
		FL 140 (4 600)				FREQ: 128.70MHz 132.80MHz 122.75 MHz ²⁾
△ EGOBA 372915N 1272246E	28.8	Class A, D, G				2) Common frequency
					Airspace Classification refer to ENR 3.1-1	
W526 ▲ DALSEONG VORTAC(TGU)						
354835N 1283527E	192° 012°	5 000 (4 900)	10		\	Daegu ACC FREQ: 125.375 MHz 125.775 MHz
△ MASTA 352847N 1283340E	19.8	Class A, D, G UNL				124.575 MHz 122.75 MHz ³⁾
53204714 1203340L	192° 012°	5 000 (3 800)				3) Common frequency
△ SARAM	21.2	Class A, D, G				Airspace Classification
350736N 1283147E	192° 012°	5 000 (3 200)				refer to ENR 3.1-1
▲ TOPAX	21.7	Class A, D, G		1		

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