

REPUBLIC OF KOREA

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Ministry of Land, Infrastructure and Transport
Office of Civil Aviation

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AMENDMENT NR 2/23

9 FEB 2023

AIRAC

AIP AMENDMENT NR 2/23

(Effective : 1600UTC 22 MAR 2023)

1. SIGNIFICANT INFORMATION AND CHANGES

1.1 Enroute

- a) Information of reporting requirements for conventional navigation routes and area navigation(RNAV) routes.
- b) Information of Enroute chart.

1.2 Gimpo INTL Airport

- a) Information of taxi and ground movement procedures(departure) for north apron.

1.3 Jeju INTL Airport

- a) Information of reporting requirements for DOTOL, IPDAS, KAMIT, AKPON, TAMNA, LIMDI, PANSI, SOSDO, TOSAN and UPGOS.
- b) Withdrawal of Y579.
- c) Establishment of Y571, Y572 and Y655.
- d) Establishment of fix(LIMDI).

2. PAGE CONTROL

OLD (Pages to be removed)	NEW (Pages to be inserted)
VOL I, Part II - ENR (Enroute) ENR 3.1-1(16 DEC 21) / 3.1-2(17 NOV 22) ENR 3.1-3(17 NOV 22) / 3.1-4(28 JUL 22) ENR 3.1-5(10 FEB 22) / 3.1-6(10 FEB 22) ENR 3.1-7(11 MAR 21) / 3.1-8(11 MAR 21) ENR 3.1-11(25 AUG 22) / 3.1-12(25 AUG 22) ENR 3.1-13(10 FEB 22) / 3.1-14(26 AUG 21) ENR 3.2-1(15 DEC 22) / 3.2-2(15 DEC 22) ENR 3.2-3(12 JAN 23) / 3.2-4(12 JAN 23) ENR 3.2-5(12 JAN 23) / 3.2-6(12 JAN 23) ENR 3.2-7(15 DEC 22) / 3.2-8(15 DEC 22) ENR 3.2-9(20 OCT 22) / 3.2-10(20 OCT 22) ENR 3.2-11(15 DEC 22) / 3.2-12(15 DEC 22) ENR 3.2-13(15 DEC 22) / 3.2-14(15 DEC 22) ENR 3.2-15(20 OCT 22) / 3.2-16(20 OCT 22) ENR 3.2-17(15 DEC 22) / 3.2-18(15 DEC 22) ENR 3.2-19(15 DEC 22) / 3.2-20(15 DEC 22) ENR 6-1-2(9 FEB 23)	VOL I, Part II - ENR (Enroute) ENR 3.1-1(9 FEB 23) / 3.1-2(9 FEB 23) ENR 3.1-3(9 FEB 23) / 3.1-4(9 FEB 23) ENR 3.1-5(9 FEB 23) / 3.1-6(9 FEB 23) ENR 3.1-7(9 FEB 23) / 3.1-8(9 FEB 23) ENR 3.1-11(9 FEB 23) / 3.1-12(9 FEB 23) ENR 3.1-13(9 FEB 23) / 3.1-14(9 FEB 23) ENR 3.2-1(9 FEB 23) / 3.2-2(9 FEB 23) ENR 3.2-3(9 FEB 23) / 3.2-4(9 FEB 23) ENR 3.2-5(9 FEB 23) / 3.2-6(9 FEB 23) ENR 3.2-7(9 FEB 23) / 3.2-8(9 FEB 23) ENR 3.2-9(9 FEB 23) / 3.2-10(9 FEB 23) ENR 3.2-11(9 FEB 23) / 3.2-12(9 FEB 23) ENR 3.2-13(9 FEB 23) / 3.2-14(9 FEB 23) ENR 3.2-15(9 FEB 23) / 3.2-16(9 FEB 23) ENR 3.2-17(9 FEB 23) / 3.2-18(9 FEB 23) ENR 3.2-19(9 FEB 23) / 3.2-20(9 FEB 23) ENR 6-1-2(9 FEB 23)
VOL II, Part III - AD (Aerodrome) RKSS AD 2-12-1(17 NOV 22) / 2-12-2(30 JUN 22) RKPC AD CHART 2-11(12 JAN 23) / BLANK AD CHART 2-12(20 OCT 22) / 2-12-1(20 OCT 22) AD CHART 2-13(13 JAN 22) / 2-13-1(13 JAN 22) AD CHART 2-14(20 OCT 22) / 2-14-1(20 OCT 22) AD CHART 2-16(20 OCT 22) / 2-16-1(20 OCT 22) AD CHART 2-18(20 OCT 22) / 2-18-1(20 OCT 22) AD CHART 2-19(20 OCT 22) / 2-19-1(20 OCT 22) AD CHART 2-20(12 JAN 23) / BLANK	VOL II, Part III - AD (Aerodrome) RKSS AD 2-12-1(9 FEB 23) / 2-12-2(30 JUN 22) RKPC AD CHART 2-11(9 FEB 23) / BLANK AD CHART 2-12(9 FEB 23) / 2-12-1(20 OCT 22) AD CHART 2-13(9 FEB 23) / 2-13-1(13 JAN 22) AD CHART 2-14(9 FEB 23) / 2-14-1(20 OCT 22) AD CHART 2-16(9 FEB 23) / 2-16-1(20 OCT 22) AD CHART 2-18(9 FEB 23) / 2-18-1(20 OCT 22) AD CHART 2-19(9 FEB 23) / 2-19-1(20 OCT 22) AD CHART 2-20(9 FEB 23) / BLANK

END

ENR 3. ATS ROUTES

ENR 3.1 CONVENTIONAL NAVIGATION ROUTES

3.1.1 INTERNATIONAL ATS ROUTES

Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG↑/↓ VOR RDL DIST (COP)	Upper limits Lower limits or Minimum altitude(MOCA) ft AMSL or FL Airspace classification	Lateral limits NM	Direction of cruising levels		Remarks Controlling unit channel Logon address
				Odd	Even	
1	2	3	4	5		6
A582						
△ ANYANG VORTAC(SEL) 372449N 1265542E	174° 354°	UNL 4 500 (3 400)	10	↓		Daegu ACC FREQ : 132.80 MHz 118.925 MHz 122.75 MHz ¹⁾ 1) Common frequency
△ POLEG 371249N 1265935E	174° 354°	Class A, D, G				Airspace Classification Class A : Above FL 200 - FL 600 Class D : MEA - FL 200 Class G : Above FL 600 - UNL
△ SONGTAN VORTAC(SOT) 370540N 1270154E	7.4					
▲ OSPOT 365018N 1272055E	144° 324° 21.6	UNL 8 000 (3 300) Class A, D, G				
▲ VASLI 364252N 1273003E	144° 324° 10.4					Daegu ACC FREQ : 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ²⁾ 2) Common frequency
▲ MAKDU 362712N 1274909E	144° 324° 21.9	UNL 8 000 (4 300) Class A, D, G				
▲ BITUX 361645N 1280148E	144° 324° 14.6	UNL 8 000 (4 400) Class A, D, G				Airspace Classification Class A : Above FL 200 - FL 600 Class D : MEA - FL 200 Class G : Above FL 600 - UNL
△ DALSEONG VORTAC(TGU) 354835N 1283527E	144° 324° 39.2	UNL 10 000 (5 200) Class A, D, G				
▲ KALOD 353012N 1284626E	162° 342° 20.4	UNL 6 000 (5 400) Class A, D, G				
△ BUSAN VORTAC(PSN) 350721N 1285958E	162° 342° 25.4					
▲ APELA(FIR BDRY) 344323N 1291400E 344312N 1291408E ³⁾	162° 342° 26.6	UNL 4 000 (3 000) Class A, D, G			↑	
INCHEON FIR FUKUOKA FIR	3) BESSEL datum					

Change : Information of reporting requirements for A582.

Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG ↑ / ↓ VOR RDL DIST (COP)	Upper limits Lower limits or Minimum altitude(MOCA) ft AMSL or FL Airspace classification		Lateral limits NM	Direction of cruising levels		Remarks Controlling unit channel Logon address
					Odd	Even	
1	2	3		4	5		6
A586*							Daegu ACC FREQ : 128.175 MHz 134.175 MHz 120.575 MHz 125.925 MHz 122.75 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1
△ TENAS 373820N 1313427E	227° 047°		UNL FL 310(4 600) Class A, G		10	↓	
△ AGSUS 364521N 1304044E	68.1						
▲ DABIK 361743N 1301143E	228° 048°		UNL FL 310(1 500) Class A, G				
▲ BULGA 355609N 1294924E	36.2						
▲ BEDOM 352513N 1291754E	228° 048°						
△ BUSAN VORTAC(PSN) 350721N 1285958E	28.1		UNL FL 310(2 900) Class A, G				
	228° 048°						
△ OMOTU 350033N 1285022E	40.2		UNL FL 310(4 000) Class A, G				
	228° 047°						
▲ TOPAX 344555N 1282952E	23.1						
▲ GOSBO 341517N 1274734E	237° 057°		10 000 8 000(3 500) Class D			Daegu ACC FREQ : 125.375 MHz 124.575 MHz 122.75 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1	
▲ MAKET 335452N 1271953E	10.4						
△ ATINA 334320N 1270423E	237° 057°		10 000 8 000(3 200) Class D				
△ MANOL 333629N 1265514E	22.3						
△ JEJU VORTAC(CJU) 332305N 1263727E	237° 057°		10 000 8 000(2 800) Class D			Daegu ACC FREQ : 128.175 MHz 128.325 MHz 122.75 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1	
▲ TOSAN 330012N 1264619E	46.4						
▲ RUGMA(FIR BDRY) 323012N 1265753E 323000N 1265800E ⁴⁾	237° 056°		10 000 8 000(2 000) Class D				
	30.7						
	236° 056°		10 000 8 000(1 500) Class D			Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ⁴⁾ 4) Common frequency Airspace Classification refer to ENR 3.1-1	
	17.3						
	236° 056°		10 000 8 000(1 500) Class D				
	10.3						
	235° 055°		10 000 9 000(8 700) Class D				
	20.0						
	169° 349°		UNL 9 000(8 700) Class A, D, G			※ The cruising levels from CJU to RUGMA are even levels due to operational reasons.	
	24.0						
	169° 349°		UNL 9 000(1 500) Class A, D, G			※ The cruising levels from RUGMA to CJU are odd levels due to operational reasons.	
	31.5				↑		
	4) BESSEL datum						
INCHEON FIR							
FUKUOKA FIR							
TENAS-PSN CDR1 Operational hour(UTC) - Weekdays : 1100-2200 - SAT: 2200 on the preceding until 2400 on the Saturday - SUN : 0000-2200 - Holiday : 1100 on the preceding until 2200 on the holiday. Rest of A586-PERM. See ENR 1.1-1.2.							
* A586(PSN-CJU) is only used for Non-RNAV aircraft. Any aircraft approved for RNAV operations should use Y571 or Y572.							
** Any aircraft planning to operate above 10 000 ft between PSN and CJU must coordinate with Incheon ACC before flight planning.							

Change : Information of reporting requirements for A586.

Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG↑/↓ VOR RDL DIST (COP)	Upper limits Lower limits or Minimum altitude(MOCA) ft AMSL or FL Airspace classification	Lateral limits NM	Direction of cruising levels		Remarks Controlling unit channel Logon address
				Odd	Even	
1	2	3	4	5		6
FUKUOKA FIR						
INCHEON FIR						
A593 ▲ ONIKU(FIR BDRY) 321142N 1263917E	263° 082°	UNL FL 240 (1 500) Class A, G	50		↓	Incheon ACC FREQ : (At or above FL 335) 133.425 MHz 134.15 MHz 132.20 MHz ¹⁾ (Below FL 335) 125.725 MHz 132.825 MHz 128.375 MHz 132.20 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1 ※ Eastbound from SADLI to ONIKU is only for Non-approval of RNAV 2. Any aircraft approved for RNAV 2 operation should use Y590.
△ NIRAT 320354N 1260329E	31.4					
△ PONIK 320021N 1254659E	263° 083°					
▲ SADLI 314948N 1250000E	14.5					
	262° 082°					
▲ LAMEN(FIR BDRY) 313636N 1240000E	41.4				↓	
	263° 082°					
	52.8			↑		
INCHEON FIR						
SHANGHAI FIR						
1. Delegation 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) 332305N 1263727E	089° 269°	UNL 9 000 (8 700) Class A, D, G	8	↓		Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
▲ TAMNA 332815N 1271953E	35.9					
▲ SAMDO(FIR BDRY) 333503N 1281857E 333451N 1281905E ⁵⁾	089° 270°	UNL 9 000 (1 500) Class A, D, G			↑	Daegu ACC FREQ : 128.175 MHz 128.325 MHz 122.75 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1
	49.8					
INCHEON FIR						
FUKUOKA FIR						

Change : Information of reporting requirements for A595.

Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG↑/↓ VOR RDL DIST (COP)	Upper limits Lower limits or Minimum altitude(MOCA) ft AMSL or FL Airspace classification	Lateral limits NM	Direction of cruising levels		Remarks Controlling unit channel Logon address
				Odd	Even	
1	2	3	4	5		6
PYONGYANG FIR						
INCHEON FIR						
B332						Daegu ACC
▲ KANSU(FIR BDRY) 383800N 1322830E	180° 360°	UNL FL 200 (1 500) Class A, G	50	↓		FREQ : 122.25 MHz 125.925 MHz 122.75 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1
△ PALDU 375813N 1323625E	40.2 180° 360°					
△ SABET 373829N 1324019E	19.9 180° 360°					
▲ IGRAS(FIR BDRY) 371846N 1324411E	19.9					
INCHEON FIR						
FUKUOKA FIR						
B467						
△ GANGWON VORTAC(KAE) 374203N 1284514E	100° 280°	UNL 8 000 (7 100)	10	↓		Daegu ACC FREQ : 122.25 MHz 134.175 MHz 125.925 MHz 122.75 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
▲ NOMEX 374112N 1294441E	47.2	Class A, D, G				
△ BUSKO 374033N 1301610E	25.0	UNL 8 000 (1 500)				
△ TENAS 373820N 1313427E	62.2	Class A, D, G				
△ MALSO 375440N 1314904E	20.0 044° 225°	UNL FL 200 (1 500) Class A, G	50			
▲ KANSU(FIR BDRY) 383800N 1322830E	53.3					
INCHEON FIR						
PYONGYANG FIR						

Change : Information of reporting requirements for B332 and B467.

Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG↑/↓ VOR RDL DIST (COP)	Upper limits Lower limits or Minimum altitude(MOCA) ft AMSL or FL		Lateral limits NM	Direction of cruising levels		Remarks Controlling unit channel Logon address
		Airspace classification			Odd	Even	
1	2	3		4	5		6
B576*							Daegu ACC FREQ : 132.80 MHz 128.70 MHz 122.75 MHz ¹⁾ 1) Common frequency
△ ANYANG VORTAC(SEL) 372449N 1265542E	174° 354°	UNL		10		↓	Airspace Classification refer to ENR 3.1-1
△ POLEG 371249N 1265935E	12.4	4 500 (3 400)					
△ SONGTAN VORTAC(SOT) 370540N 1270154E	174° 354°	Class A, D, G					
▲ OLMEN 364413N 1265928E	7.4						
▲ ENTEL 362311N 1265705E	194° 014°		(2 800)				
▲ ENTEL 362311N 1265705E	21.5						
△ RINBO 355352N 1265349E	194° 014°	13 000 7 000	(3 600)				
▲ LINTA 353116N 1265119E	21.1	Class D	(3 100)				
△ GWANGJU VOR(KWA) 350734N 1264844E	194° 013°	UNL** FL 140	(3 400)				
▲ IPDAS 341515N 1264301E	193° 013°	Class A, D, G	(4 700)				
△ JEJU VORTAC(CJU)	193° 012°					↑	Incheon ACC FREQ : 123.725 MHz 124.50 MHz 132.20 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1
332305N 1263727E	52.5	Class D	UNL** FL 140				Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ⁴⁾ 4) Common frequency Airspace Classification refer to ENR 3.1-1
▲ SOSDO 330012N 1262735E	193° 012°	13 000 8 000 (4 700)					Incheon ACC FREQ : (At or above FL 335) 133.425 MHz 132.425 MHz 132.20 MHz ⁵⁾ (below FL 335) 125.725 MHz 132.825 MHz 128.375 MHz 132.20 MHz ⁵⁾ 5) Common frequency Airspace Classification refer to ENR 3.1-1
△ SAMLO 323223N 1261536E	52.3	Class D					
△ NIRAT 320354N 1260329E	207° 027°	UNL	9 000 (8 700)				
△ ELGEP 314653N 1255617E	24.3	Class A, D, G					
▲ TESIM 313526N 1255128E	207° 027°						
▲ ATOTI(FIR BDRY) 300013N 1251154E 300000N 1251200E ²⁾	207° 027°						
INCHEON FIR	207° 027°						
FUKUOKA FIR	100.9						
2) BESSEL datum							
NAVAID(DME) GAP : Between 44 NM from KWA and 55 NM from SOT, below 10 000 ft AMSL, request to controller is required to get distance information.							

Change : Information of reporting requirements for B576.

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

Change : Information of reporting requirements for G339.

Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG↑/↓ VOR RDL DIST (COP)	Upper limits Lower limits or Minimum altitude(MOCA) ft AMSL or FL		Lateral limits NM	Direction of cruising levels		Remarks Controlling unit channel Logon address	
		Airspace classification			Odd	Even		
1	2	3		4	5		6	
G585							Daegu ACC	
△ ANYANG VORTAC(SEL) 372449N 1265542E	133° 313° 10.7		UNL 8 000 (3 400) Class A, D, G	8	↓		FREQ : 132.80 MHz 128.70 MHz 118.925 MHz 120.525 MHz 122.75 MHz ¹⁾ 1) <i>Common frequency</i> Only flying westbound from KPO to SEL on G585 is authorized except ACFT departing from RKTY or RKTl. Aircraft flying eastbound from SEL to KPO at or above 11 000 ft on G585 shall get PPR 24 hours before from Daegu ACC. No PPR is needed at or below 10 000 ft. Airspace Classification refer to ENR 3.1-1	
△ KALMA 371845N 1270645E	133° 313° 19.3						UNL 8 000 (3 600) Class A, D, G	
△ KAKSO 370745N 1272637E	133° 313° 11.5		UNL 8 000 (3 700) Class A, D, G					
▲ GUKDO 370111N 1273823E	133° 313° 9.2						UNL 8 000 (4 000) Class A, D, G	
△ ENSAL 365554N 1274747E	133° 314° 9.2	UNL 8 000 (5 000) Class A, D, G						
△ BASEM 365037N 1275710E	134° 314° 12.5			UNL 8 000 (4 900) Class A, D, G				
▲ BIGOB 364325N 1280952E	134° 314° 9.5		UNL 8 000 (3 900) Class A, D, G					
△ YECHEON VOR(CUN) 363755N 1281931E	133° 313° 30.8				UNL 8 000 (5 000) Class A, D, G			
△ ELAPI 362014N 1285051E	133° 314° 37.3	UNL 8 000 (3 500) Class A, D, G						
△ POHANG VORTAC(KPO) 355838N 1292828E	107° 287° 17.2			UNL 8 000 (1 500) Class A, D, G				
▲ BULGA 355609N 1294924E	107° 287° 44.4		↑					
▲ SAPRA(FIR BDRY) 354926N 1304325E 354915N 1304334E ³⁾	3) <i>BESSEL datum</i>							
INCHEON FIR								
FUKUOKA FIR								

Change : Information of reporting requirements for G585.

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

Change : Information of reporting requirements for G597.

3.1.2 DOMESTIC ATS ROUTES

Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG ↑/↓ VOR RDL DIST (COP)	Upper limits Lower limits or Minimum altitude(MOCA) ft AMSL or FL Airspace classification	Lateral limits NM	Direction of cruising levels		Remarks Controlling unit channel Logon address
				Odd	Even	
1	2	3	4	5		6
V11						
▲ PILIT 372631N 1291731E KAE R 128/30 DME KPO R 001/88 DME	183° 003°	UNL 9 000 (7 000) Class A, D, G	8		↓	Daegu ACC FREQ : 134.175 MHz 120.575 MHz 123.65 MHz 119.375 MHz 122.75 MHz ¹⁾ 1) Common frequency 1. 11 000 ft to FL 240, at or above FL 280 will be blocked. 2. At or above 11 000 ft, required 15 days PPR from Air Traffic Management Office. 3. Airspace Classification refer to ENR 3.1-1
▲ NOBUT 370715N 1291957E	19.3					
	183° 003°	UNL 9 000 (6 400)				
▲ LOSTO 362016N 1292548E	47.2	Class A, D, G				
	183° 003°	UNL 9 000 (3 300)				
△ POHANG VORTAC(KPO) 355838N 1292828E	21.7	Class A, D, G				
	213° 032°	UNL 9 000 (4 200)				
▲ APARU 352442N 1290932E	37.2	Class A, D, G				
	213° 032°	UNL 9 000 (4 400)				
△ BUSAN VORTAC(PSN) 350721N 1285958E	19.0	Class A, D, G		↑		

Change : Information of reporting requirements for V11.

Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG ↑ / ↓ VOR RDL DIST (COP)	Upper limits Lower limits or Minimum altitude(MOCA) ft AMSL or FL Airspace classification		Lateral limits NM	Direction of cruising levels		Remarks Controlling unit channel Logon address				
					Odd	Even					
1	2	3		4	5		6				
V543 △ DALSU 350731N 1264206E △ GWANGJU VOR(KWA) 350734N 1264844E △ SAMUL 350736N 1265154E ▲ TEDAN 350744N 1271852E △ ANUBA 350746N 1273523E ▲ SAPDI 350737N 1282952E ▲ SARAM 350736N 1283147E △ ANKUS 350730N 1284616E △ BUSAN VORTAC(PSN) 350721N 1285958E							Incheon ACC FREQ : 120.725 MHz 128.30 MHz 123.725 MHz 124.50 MHz 132.20 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1				
	097° 277° 5.4		UNL 8 000 (2 500) Class A, D, G		10	↓					
	097° 277° 2.6	UNL 8 000 (2 000) Class A, D, G									
	097° 278° 22.1	UNL 8 000 (5 200) Class A, D, G									
	098° 278° 13.5	UNL 8 000 (8 000) Class A, D, G									
	098° 279° 44.7	(25/83)	UNL 8 000 (8 000) Class A, D, G								
	098° 278° 1.6		UNL 8 000 (3 800) Class A, D, G								
	099° 279° 11.9		UNL 8 000 (4 000) Class A, D, G								
	099° 279° 11.2		UNL 8 000 (3 500) Class A, D, G								
V547 △ GWANGJU VOR(KWA) 350734N 1264844E ▲ IGDOK 353104N 1274907E △ DALSEONG VORTAC(TGU) 354835N 1283527E							Incheon ACC FREQ : 123.725 MHz 124.50 MHz 132.20 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1				
	072° 253° 54.7	(48/48)	10 000 9 000 (8 600) Class D		10	↓					
	073° 254° 41.6		10 000 9 000 (5 000) Class D								
								Daegu ACC FREQ : 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ⁴⁾ 4) Common frequency Airspace Classification refer to ENR 3.1-1			

Change : Information of reporting requirements for V543 and V547.

Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG ↑ / ↓ VOR RDL DIST (COP)		Upper limits Lower limits or Minimum altitude(MOCA) ft AMSL or FL Airspace classification	Lateral limits NM	Direction of cruising levels		Remarks Controlling unit channel Logon address	
					Odd	Even		
1	2		3	4	5		6	
V549							Incheon ACC FREQ : 132.15 MHz 126.175 MHz 123.55 MHz 134.375 MHz 132.20 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1	
△ GUNSAN VORTAC(KUZ) 355437N 1263641E	101° 281°	(49/48)	<u>10 000</u> 7 000 (1 800) Class D	10	↓			
△ ELPOS 355410N 1264707E	8.5 101° 281°							
△ RINBO 355352N 1265349E	5.5 101° 282°							
△ MELES 355251N 1271542E	17.8 102° 282°		<u>10 000</u> 7 000 (3 500) Class D					
△ OPEDA 355149N 1273652E	17.2 102° 282°							<u>10 000</u> 7 000 (5 000) Class D
△ DALSEONG VORTAC(TGU) 354835N 1283527E	47.7 085° 265°							
▲ LAPAL 355413N 1290452E	24.6 085° 265°	<u>UNL</u> 6 000 (5 400) Class A, D, G			↑			
△ POHANG VORTAC(KPO) 355838N 1292828E	19.7							
								Daegu ACC FREQ : 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1 TGU is used between TGU and KPO.
W45								
△ GWANGJU TACAN(KWJ) 350723N 1264810E	097° 278°	(23/85)	<u>UNL</u> 8 000 (8 000) Class A, D, G	10	↓			
△ RIMPO 350739N 1273502E	38.4 098° 278°						<u>UNL</u> 8 000 (8 000) Class A, D, G	
▲ RUNIT 350734N 1282952E	45.1 098° 279°		<u>UNL</u> 8 000 (4 000) Class A, D, G					
△ BUSAN VORTAC(PSN) 350721N 1285958E	24.7							
							Daegu ACC FREQ : 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ⁴⁾ 4) Common frequency 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	

Change : Information of reporting requirements for V549 and W45.

Route designator (RNP/RNAV) Name of significant points Coordinates	Track MAG ↑/↓ VOR RDL DIST (COP)	Upper limits Lower limits or Minimum altitude(MOCA) ft AMSL or FL Airspace classification	Lateral limits NM	Direction of cruising levels		Remarks Controlling unit channel Logon address
				Odd	Even	
1	2	3	4	5		6
W61						
△ SONGTAN VORTAC(SOT) 370540N 1270154E	$\frac{316^\circ}{136^\circ}$	<u>UNL</u> 8 000 (2 400)	10		↓	Daegu ACC FREQ : 128.70 MHz 132.80 MHz 122.75 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1
▲ MONSI 371247N 1265015E	11.7	Class A, D, G				
	$\frac{316^\circ}{136^\circ}$	<u>UNL</u> 8 000 (3 200)				
△ GOGET 372442N 1263036E	19.7	Class A, D, G		↑		
W62						
△ SONGTAN VORTAC(SOT) 370540N 1270154E	$\frac{044^\circ}{224^\circ}$	<u>UNL</u> FL 140 (4 600)	10	↓		Daegu ACC FREQ : 128.70MHz 132.80 MHz 122.75 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
	28.8	Class A, D, G				
△ EGOBA 372915N 1272246E					↑	
W526						
△ DALSEONG VORTAC(TGU) 354835N 1283527E	$\frac{192^\circ}{012^\circ}$	<u>UNL</u> 5 000 (4 900)	10		↓	Daegu ACC FREQ : 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1
▲ MASTA 352847N 1283340E	19.8	Class A, D, G				
	$\frac{192^\circ}{012^\circ}$	<u>UNL</u> 5 000 (3 800)				
▲ SARAM 350736N 1283147E	21.2	Class A, D, G				
	$\frac{192^\circ}{012^\circ}$	<u>UNL</u> 5 000 (3 200)				
▲ TOPAX 344555N 1282952E	21.7	Class A, D, G		↑		

Change : Information of reporting requirements for W61, W62 and W526.

ENR 3.2 AREA NAVIGATION(RNAV) ROUTES

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits or (MOCA) ft AMSL or FL	Direction of cruising levels		Remarks Controlling unit Frequency
				Airspace classification	Odd	Even	
1	2	3	4	5	6		7
L512 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 122.25 MHz 125.925 MHz 122.75 MHz ¹⁾ 1) <i>Common frequency</i>
△ TENAS 373820N 1313427E	N/A	<u>098</u> 279	52.3	UNL FL 270(1 500) Class A, G	↓		Airspace Classification refer to ENR 3.1-1 * L512 OPS HR between TENAS and ANDOL - EASTBOUND : H24 - WESTBOUND : H24 ** After ANDOL, MEA is FL 290, see AIP JAPAN. *** Extended DME DOC volume service is 220 NM.
△ SABET 373829N 1324019E		<u>093</u> 274	15.7				
▲ ANDOL(FIR BDRY) 373958N 1330000E							
INCHEON FIR							
FUKUOKA FIR							
1. Critical DME : KAE<TENAS/SABET>, KPO<TENAS/SABET> 2. DME GAP : SABET/ANDOL, GNSS required.							
Y233 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 122.25 MHz 125.925 MHz 122.75 MHz ²⁾ 2) <i>Common frequency</i>
△ BUSKO 374033N 1301610E	N/A	<u>069</u> 250	30.0	UNL FL 200(1 500) Class A, D, G	↓		Airspace Classification refer to ENR 3.1-1
△ SELPA 375515N 1304911E		<u>070</u> 251	69.1				
△ ONATA 382832N 1320602E		<u>071</u> 251	20.0				
▲ KANSU(FIR BDRY) 383800N 1322830E							
INCHEON FIR							
PYONGYANG FIR							
1. Critical DME : KAE<BUSKO/SELPA>, KPO<BUSKO/SELPA>, KAE<SELPA/ONATA>, KPO<SELPA/ONATA> 2. DME GAP : ONATA/KANSU, GNSS required.							

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for L512.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits	Direction of cruising levels		Remarks Controlling unit Frequency	
				Lower limits (MOCA) ft AMSL or FL Airspace classification	Odd	Even		
1	2	3	4	5	6		7	
Y253 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] △ DALSU 350731N 1264206E △ GWANGJU VOR(KWA) 350734N 1264844E △ SAMUL 350736N 1265154E ▲ TEDAN 350744N 1271852E △ ANUBA 350746N 1273523E ▲ SAPDI 350737N 1282952E ▲ SARAM 350736N 1283147E △ ANKUS 350730N 1284616E △ BUSAN VORTAC(PSN) 350721N 1285958E	N/A						Incheon ACC FREQ : 123.725 MHz 124.50 MHz 132.20 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1	
		<u>097</u> 277	5.4	<u>UNL</u> 8 000(2 400) Class A, D, G	↓			
		<u>097</u> 278	2.6	<u>UNL</u> 8 000(2 000) Class A, D, G				
		<u>097</u> 278	22.1	<u>UNL</u> 8 000(5 200) Class A, D, G				
		<u>098</u> 278	13.5	<u>UNL</u> 8 000(5 400) Class A, D, G				
		<u>098</u> 278	44.7					
		<u>098</u> 278	1.6	<u>UNL</u> 8 000(2 400) Class A, D, G				
		<u>098</u> 279	11.9	<u>UNL</u> 8 000(4 000) Class A, D, G				
		<u>099</u> 279	11.2	<u>UNL</u> 8 000(3 500) Class A, D, G				
		1. Critical DME : PSN<SAPDI/SARAM>, CJU<SAPDI/SARAM>, PSN<SARAM/ANKUS>, CJU<SARAM/ANKUS>, PSN<ANKUS/PSN>, CJU<ANKUS/PSN>						

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Y253.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
1	2	3	4	5	6		7
Y437 (RNAV2) [GNSS,DME/DME, DME/DME/IRU]							Daegu ACC
△ GANGWON VORTAC(KAE) 374203N 1284514E							FREQ : 122.25 MHz 125.925 MHz 122.75 MHz ¹⁾
▲ NOMEX 374112N 1294441E	N/A	$\frac{100}{280}$	47.2	UNL 8 000(6 400) Class A, D, G	↓		1) Common frequency
△ BUSKO 374033N 1301610E		$\frac{100}{281}$	25.0	UNL 8 000(1 500) Class A, D, G			Airspace Classification refer to ENR 3.1-1
△ TENAS 373820N 1313427E		$\frac{101}{281}$	62.2				
△ MALSO 375440N 1314904E		$\frac{044}{224}$	20.0	UNL FL 200(1 500) Class A, D, G			
▲ KANSU(FIR BDRY) 383800N 1322830E		$\frac{044}{225}$	53.3				
						↑	
INCHEON FIR							
PYONGYANG FIR							
1. Critical DME : KAE<KAE/NOMEX>, KPO<KAE/NOMEX>, KAE<NOMEX/BUSKO>, KPO<NOMEX/BUSKO>, KAE<BUSKO/TENAS>, KPO<BUSKO/TENAS>, KAE<TENAS/MALSO>, KPO<TENAS/MALSO> 2. DME GAP : MALSO/KANSU GNSS required.							

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL	Direction of cruising levels		Remarks Controlling unit Frequency
				Airspace classification	Odd	Even	
1	2	3	4	5	6		7
Y571 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] ▲ SOSDO 330012N 1262735E △ OMKIM 331320N 1264114E △ PAPLU 333441N 1270337E ▲ AKPON 334650N 1271953E ▲ NISAV 341519N 1275835E ▲ ANROD 343758N 1282952E △ POVEM 345523N 1285416E △ BUSAN VORTAC(PSN) 350721N 1285958E							Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ⁴⁾ 4) Common frequency Airspace Classification refer to ENR 3.1-1
	N/A	048 229	17.4	UNL 11 000(1 500) Class A, D, G	↓		
		049 229	28.4	UNL 11 000(2 200) Class A, D, G			
		056 236	18.2	UNL 11 000(1 500) Class A, D, G			
		056 236	42.9	UNL 11 000(1 800) Class A, D, G			
		056 237	34.4	UNL 11 000(2 100) Class A, D, G			
		057 237	26.6	UNL 11 000(2 800) Class A, D, G			
		029 209	12.8	UNL 11 000(3 000) Class A, D, G			
							Daegu ACC FREQ : 128.175 MHz 124.575 MHz 122.75 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
1. DME GAP : SOSDO/OMKIM, OMKIM/PAPLU, PAPLU/AKPON, AKPON/NISAV GNSS required.							

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
1	2	3	4	5	6	7	7
Y572 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 128.175 MHz 124.575 MHz 122.75 MHz ²⁾ 2) Common frequency
△ BUSAN VORTAC(PSN) 350721N 1285958E	N/A	249 069	10.1	UNL 11 000(3 000) Class A, D, G		↓	Airspace Classification refer to ENR 3.1-1
△ OLMUD 350225N 1284916E		237 057	21.1	UNL 11 000(3 200) Class A, D, G			
▲ ENGOT 344834N 1282952E		237 056	50.4	UNL 11 000(2 600) Class A, D, G			
▲ POVOR 341520N 1274360E		236 056	26.8	UNL 11 000(2 000) Class A, D, G			
▲ UPGOS 335733N 1271953E		236 056	17.0	UNL 11 000(1 500) Class A, D, G			
△ BILUM 334613N 1270439E		236 056	10.5	UNL 11 000(1 500) Class A, D, G			Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ⁴⁾ 4) Common frequency Airspace Classification refer to ENR 3.1-1
△ BEPKO 333910N 1265514E		230 050	21.9	UNL 11 000(5 600) Class A, D, G			
△ JEJU VORTAC(CJU) 332305N 1263727E		169 349	10.2	UNL 11 000(8 700) Class A, D, G		↓	
△ OMKIM 331320N 1264114E		169 349	13.8	UNL 11 000(1 500) Class A, D, G			
▲ TOSAN 330012N 1264619E		169 349	31.5	UNL 11 000(1 500) Class A, D, G			
▲ RUGMA(FIR BDRY) 323012N 1265753E					↑		
INCHEON FIR							
FUKUOKA FIR							

1. DME GAP : UPGOS/BILUM, BILUM/BEPKO, BEPKO/CJU, CJU/OMKIM, OMKIM/TOSAN, TOSAN/RUGMA GNSS required.

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Y572.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency		
					Odd	Even			
1	2	3	4	5	6		7		
Y579 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] △ TENAS 373820N 1313427E △ AGSUS 364521N 1304044E ▲ DABIK 361743N 1301143E ▲ BULGA 355609N 1294924E ▲ BEDOM 352513N 1291754E △ BUSAN VORTAC(PSN) 350721N 1285958E	N/A						Daegu ACC FREQ : 122.25 MHz 134.375 MHz 120.575 MHz 125.925 MHz 122.75 MHz ¹⁾ <i>1) Common frequency</i> Airspace Classification refer to ENR 3.1-1		
		<u>228</u> 047	68.1					↓	
		<u>229</u> 049	36.2	<u>UNL</u> FL 140(1 500) Class A, D, G					
		<u>229</u> 048	28.1						
		<u>228</u> 048	40.2	<u>UNL</u> FL 140(2 700) Class A, D, G					
		<u>228</u> 047	23.1	<u>UNL</u> FL 140(3 800) Class A, D, G				↑	

1. TENAS-PSN CDR1 Operational hour(UTC) - Weekdays : 1400~2200 - SAT: 2200 on the preceding until 2400 on the Saturday
- SUN : 0000~2200 - Holiday: 1400 on the preceding until 2200 on the holiday. Rest of Y579-PERM. See ENR 1.1-1.2.

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Y579.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL	Direction of cruising levels		Remarks Controlling unit Frequency
				Airspace classification	Odd	Even	
1	2	3	4	5	6		7
Y644 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 128.70 MHz 132.80 MHz 122.75 MHz ¹⁾
SANGHAI FIR							1) Common frequency Eastbound (AGAVO-EGOBA) FL 410, FL 390, FL 370, FL 350, FL 330, FL 310, FL 290, FL 270, FL 250, FL 230 REF. ENR 3.1-10 for the detailed altitude conversion procedures. Airspace Classification refer to ENR 3.1-1
INCHEON FIR							
▲ AGAVO(FIR BDRY) 371010N 1235953E	N/A	<u>096</u> 276	11.8	UNL FL 150(1 500) Class A, D, G	↓		
△ RILRO 371033N 1241442E		<u>096</u> 276	8.1				
△ GONAV 371048N 1242453E		<u>096</u> 277	20.0				
△ BODOL 371122N 1244954E		<u>097</u> 277	31.4				
▲ REBIT 371203N 1252913E		<u>097</u> 278	15.0				
△ BELTU 371218N 1254759E		<u>098</u> 278	32.1	UNL 8 000(2 400) Class A, D, G			
△ BOGAN 371241N 1262812E		<u>098</u> 278	17.6	UNL 8 000(3 200) Class A, D, G			
▲ MONSI 371247N 1265015E		<u>098</u> 278	7.5	UNL 8 000(2 400) Class A, D, G			
△ POLEG 371249N 1265935E		<u>057</u> 237	24.7	UNL FL 140(3 300) Class A, D, G			
△ EGOBA 372915N 1272246E							
1. Critical DME : SEL<AGAVO/RILRO>, KUZ<AGAVO/RILRO>, SEL<RILRO/GONAV>, KUZ<RILRO/GONAV>, SEL<MONSI/POLEG>, SOT<MONSI/POLEG>, SEL<POLEG/EGOBA>, SOT<POLEG/EGOBA>							

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Y644.

OFFICE OF CIVIL AVIATION

AIRAC AIP AMDT 2/23
Effective : 1600UTC 22 MAR 2023

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL	Direction of cruising levels		Remarks Controlling unit Frequency					
				Airspace classification	Odd	Even						
1	2	3	4	5	6		7					
Y655 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] △ GONAV 371048N 1242453E △ DALPO 365835N 1242453E ▲ NONOS 364046N 1242453E ▲ DANPA 353036N 1242453E ▲ PALSA 340131N 1242453E △ TOLIS 335030N 1242453E ▲ LIMDI 333313N 1254953E △ REMOS 332605N 1262329E △ JEJU VORTAC(CJU) 332305N 1263727E	N/A			UNL FL 140(1 500) Class A, D, G	↓	↑	Daegu ACC FREQ : 132.80 MHz 128.70 MHz 122.75 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1					
		188 008	12.2				Incheon ACC FREQ : 132.15 MHz 123.55 MHz 132.20 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1					
		188 008	17.8					Incheon ACC FREQ : 120.725 MHz 128.30 MHz 132.20 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1				
		188 008	70.1				Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ⁴⁾ 4) Common frequency Airspace Classification refer to ENR 3.1-1					
		188 007	88.9					Incheon ACC FREQ : 123.725 MHz 124.50 MHz 132.20 MHz ⁵⁾ 5) Common frequency Airspace Classification refer to ENR 3.1-1				
		187 007	11.0				Daegu ACC FREQ : 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ⁶⁾ 6) Common frequency Airspace Classification refer to ENR 3.1-1					
		111 291	73.0						UNL 9 000(1 500) Class A, D, G	UNL 9 000(4 100) Class A, D, G		
		111 292	29.0				UNL 9 000(8 700) Class A, D, G					
		112 292	12.1									
		1. Critical DME : SEL<GONAV/DALPO>, KUZ<GONAV/DALPO>, SEL<DALPO/NONOS>, KUZ<DALPO/NONOS>, SEL<NONOS/DANPA>, KUZ<NONOS/DANPA>, KWA<LIMDI/REMOS>, CJU<LIMDI/REMOS> 2. DME GAP : DANPA/PALSA, PALSA/TOLIS, TOLIS/LIMDI, REMOS/CJU GNSS required.										
		Y657 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] △ GWANGJU VOR(KWA) 350734N 1264844E ▲ IGDOK 353104N 1274907E △ DALSEONG VORTAC(TGU) 354835N 1283527E	N/A							↓	↑	Incheon ACC FREQ : 123.725 MHz 124.50 MHz 132.20 MHz ⁵⁾ 5) Common frequency Airspace Classification refer to ENR 3.1-1
							072 253	54.7	10 000 8 000(7 100) Class D			
							073 254	41.6	10 000 8 000(4 800) Class D			

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Y655 and Y657.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
Y659 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Incheon ACC FREQ : 126.175 MHz 134.375 MHz 132.20 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1
△ GUNSAN VORTAC(KUZ) 355437N 1263641E	N/A	<u>101</u> 281	8.5	<u>10 000</u> 7 000(1 700)	↓		
△ ELPOS 355410N 1264707E		<u>101</u> 281	5.5	Class D			
△ RINBO 355352N 1265349E		<u>101</u> 282	17.8	<u>10 000</u> 7 000(3 700)			
△ MELES 355251N 1271542E		<u>102</u> 282	17.2	<u>10 000</u> 7 000(5 000)			
△ OPEDA 355149N 1273652E		<u>102</u> 282	47.7	<u>10 000</u> 7 000(6 600)			
△ DALSEONG VORTAC(TGU) 354835N 1283527E		<u>085</u> 265	24.6	UNL 6 000(4 200)			
▲ LAPAL 355413N 1290452E		<u>085</u> 265	19.7	UNL 6 000(3 300)			
△ POHANG VORTAC(KPO) 355838N 1292828E				Class A, D, G			
Y677 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1
△ JEJU VORTAC(CJU) 332305N 1263727E	N/A	<u>089</u> 269	35.9	UNL 9 000(6 300)	↓		
▲ TAMNA 332815N 1271953E		<u>089</u> 270	49.8	UNL 9 000(1 500)			
▲ SAMDO(FIR BDRY) 333503N 1281857E				Class A, D, G			
INCHEON FIR							Airspace Classification refer to ENR 3.1-1
FUKUOKA FIR							

1. Critical DME : PSN<CJU/TAMNA>, CJU<CJU/TAMNA>, PSN<TAMNA/SAMDO>, CJU<TAMNA/SAMDO>

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Y659 and Y677.

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Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL	Direction of cruising levels		Remarks Controlling unit Frequency
				Airspace classification	Odd	Even	
1	2	3	4	5	6		7
Y685 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 132.80 MHz 128.70 MHz 118.925 MHz 120.525 MHz 122.75 MHz ¹⁾ 1) Common frequency
△ ANYANG VORTAC(SEL) 372449N 1265542E	N/A	133 313	10.7	UNL 8 000(3 200) Class A, D, G	↓		Only flying westbound from KPO to SEL on Y685 is authorized except ACFT departing from RKTY or RKTl. Aircraft flying eastbound from SEL to KPO at or above 11 000 ft on Y685 shall get PPR 24 hours before from Incheon/Daegu ACC. No PPR is needed at or below 10 000 ft. Airspace Classification refer to ENR 3.1-1
△ KALMA 371845N 1270645E		133 313	19.3	UNL 8 000(2 900) Class A, D, G			
△ KAKSO 370745N 1272637E		133 313	11.5	UNL 8 000(3 600) Class A, D, G			
▲ GUKDO 370111N 1273823E		133 314	9.2	UNL 8 000(3 700) Class A, D, G			
△ ENSAL 365554N 1274747E		134 314	9.2	UNL 8 000(4 000) Class A, D, G			Daegu ACC FREQ : 120.575 MHz 119.375 MHz 134.375 MHz 122.75 MHz ²⁾ 2) Common frequency Only flying westbound from KPO to SEL on Y685 is authorized except ACFT departing from RKTY or RKTl. Aircraft flying eastbound from SEL to KPO at or above 11 000 ft on Y685 shall get PPR 24 hours before from Incheon/Daegu ACC. No PPR is needed at or below 10 000 ft. Airspace Classification refer to ENR 3.1-1
△ BASEM 365037N 1275710E		134 314	12.5	UNL 8 000(5 000) Class A, D, G			
▲ BIGOB 364325N 1280952E		134 314	9.5	UNL 8 000(4 900) Class A, D, G			
△ YECHEON VOR(CUN) 363755N 1281931E		133 314	30.8	UNL 8 000(3 800) Class A, D, G			
△ ELAPI 362014N 1285051E		134 314	37.3	UNL 8 000(4 700) Class A, D, G			
△ POHANG VORTAC(KPO) 355838N 1292828E		107 287	17.2	UNL 8 000(2 100) Class A, D, G			
▲ BULGA 355609N 1294924E		107 287	44.4	UNL 8 000(1 500) Class A, D, G			
▲ SAPRA(FIR BDRY) 354926N 1304325E						↑	
INCHEON FIR							
FUKUOKA FIR							

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Y685.

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Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
1	2	3	4	5	6		7
Y697 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 128.70 MHz 132.80 MHz 122.75 MHz ¹⁾
SANGHAI FIR							
INCHEON FIR							1) Common frequency
▲ AGAVO(FIR BDRY) 371010N 1235953E	N/A	<u>066</u> 246	7.5	UNL FL 150(1 500) Class A, D, G			Westbound(SEL-AGAVO) FL 400, FL 380, FL 360, FL 340, FL 320, FL 300, FL 280, FL 260, FL 240, FL 220, FL 200 REF. ENR 3.1-9 for the detailed altitude conversion procedures. Only flying westbound from SEL to AGAVO on Y697 is authorized.
▲ OLBIM 371411N 1240751E		<u>066</u> 246	16.2				
△ NOGON 372250N 1242505E		<u>097</u> 277	20.0				
△ ANSIM 372323N 1245009E		<u>097</u> 277	19.0				
▲ BINIL 372349N 1251359E		<u>097</u> 277	20.0				
▲ NOPIK 372412N 1253905E		<u>097</u> 278	41.0	UNL 8 000(2 100) Class A, D, G			Daegu ACC FREQ : 132.80 MHz 118.925 MHz 122.75 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
△ GOGET 372442N 1263036E		<u>098</u> 278	20.0	UNL 7 500(3 400) Class A, D, G	↓	↑	
△ ANYANG VORTAC(SEL) 372449N 1265542E		<u>087</u> 267	22.0	UNL 7 500(5 100) Class A, D, G			Daegu ACC FREQ : 134.175 MHz 123.65 MHz 122.75 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1
△ EGOBA 372915N 1272246E		<u>087</u> 267	13.9	UNL 7 500(4 500) Class A, D, G			
▲ KARBU 373159N 1273952E		<u>087</u> 268	22.9	UNL 7 500(7 500) Class A, D, G			Daegu ACC FREQ : 134.175 MHz 123.65 MHz 122.75 MHz ⁴⁾ 4) Common frequency Only flying westbound from LANAT to KAE on G597 shall get 24HR PPR from Daegu ACC.
▲ TORUS 373625N 1280807E		<u>088</u> 268	21.8	UNL 7 500(7 100) Class A, D, G			
▲ BIKSI 374032N 1283504E		<u>088</u> 268	8.2	UNL 8 000(7 100) Class A, D, G			Daegu ACC FREQ : 134.175 MHz 123.65 MHz 122.75 MHz ⁴⁾ 4) Common frequency Only flying westbound from LANAT to KAE on G597 shall get 24HR PPR from Daegu ACC.
△ GANGWON VORTAC(KAE) 374203N 1284514E		<u>130</u> 310	30.0	UNL 9 000(1 500) Class A, D, G			
▲ PILIT 372631N 1291731E		<u>130</u> 310	27.5	UNL 9 000(1 500) Class A, D, G			Airspace Classification refer to ENR 3.1-1
▲ NIMUS 371210N 1294656E		<u>130</u> 310	50.8				
△ AGSUS 364521N 1304044E		<u>130</u> 311	42.9				
▲ LANAT(FIR BDRY) 362224N 1312542E							
INCHEON FIR							
FUKUOKA FIR							
1. Critical DME : SEL<AGAVO/OLBIM>, KUZ<AGAVO/OLBIM>, SEL<OLBIM/NOGON>, KUZ<OLBIM/NOGON>, SEL<NOGON/ANSIM>, KUZ<NOGON/ANSIM>, SEL<KARBU/TORUS>, KAE<KARBU/TORUS>, SEL<TORUS/BIKSI>, KAE<TORUS/BIKSI>, SEL<BIKSI/KAE>, KAE<BIKSI/KAE>, KAE<KAE/PILIT>, KPO<KAE/PILIT>, KAE<PILIT/NIMUS>, KPO<PILIT/NIMUS>, KAE<NIMUS/AGSUS>, KPO<NIMUS/AGSUS>, KAE<AGSUS/LANAT>, KPO<AGSUS/LANAT>							

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Y697.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
1	2	3	4	5	7		10
Y711 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 132.80 MHz 128.70 MHz 122.75 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1
▲ MONSI 371247N 1265015E	N/A	190 010	29.4	UNL FL 140(2 900) Class A, D, G			Incheon ACC FREQ : 132.150 MHz 123.55 MHz 132.20 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
▲ BULTI 364322N 1264930E		187 007	10.0				
▲ MEKIL 363322N 1264953E		187 006	10.2	UNL FL 140(3 200) Class A, D, G			
△ GONAX 362311N 1265016E		193 013	14.1				
△ BEDES 360905N 1264844E		193 013	14.9	UNL FL 140(2 200) Class A, D, G			Incheon ACC FREQ : 120.725 MHz 128.30 MHz 132.20 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1
△ ELPOS 355410N 1264707E		193 013	24.0	UNL FL 140(2 800) Class A, D, G			
▲ MANGI 353011N 1264432E		193 013	22.7	UNL FL 140(3 800) Class A, D, G			
△ DALSU 350731N 1264206E		193 013	52.4	UNL FL 140(4 000) Class A, D, G			
▲ DOTOL 341515N 1263637E		193 012	24.8	UNL FL 140(2 700) Class A, D, G			Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ⁴⁾ 4) Common frequency Airspace Classification refer to ENR 3.1-1
△ KIDOS 335028N 1263402E		207 027	25.9	UNL FL 140(6 000) Class A, D, G			
△ REMOS 332605N 1262329E		207 027	27.4	UNL FL 140(6 300) Class A, D, G			
▲ PANSI 330014N 1261225E		207 027	33.4				
△ DOMKO 322848N 1255859E		207 027	30.1				Incheon ACC FREQ : (At or above FL 335) 133.425 MHz 134.15 MHz 132.20 MHz ⁵⁾ (below FL 335) 125.725 MHz 132.825 MHz 128.375 MHz 132.20 MHz ⁵⁾ 5) Common frequency Airspace Classification refer to ENR 3.1-1
△ PONIK 320021N 1254659E		207 027	18.2	UNL FL 140(1 500) Class A, D, G			
△ IKEDO 314314N 1253948E		207 026	12.0				
▲ KANKA 313155N 1253504E		207 026	67.0				
△ BONSO 302840N 1250851E		206 026	30.2				
▲ MUGUS(FIR BDRY) 300006N 1245712E							
INCHEON FIR							
FUKUOKA FIR							

1. Critical DME : KWA<DOTOL/KIDOS>, CJU<DOTOL/KIDOS>

2. DME GAP : KIDOS/REMOS, REMOS/PANSI, PANSI/DOMKO, DOMKO/PONIK, PONIK/KANKA, KANKA/BONSO, BONSO/MUGUS GNSS required.

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Y711.

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Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
1	2	3	4	5	7		10
Y722 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Incheon ACC FREQ : 126.175 MHz 134.375 MHz 132.20 MHz ¹⁾ 1) Common frequency
△ SONGTAN VORTAC(SOT) 370540N 1270154E	N/A	<u>194</u> 014	21.5	UNL FL 140(3 100) Class A, D, G			Airspace Classification refer to ENR 3.1-1
▲ OLMEN 364413N 1265928E		<u>187</u> 007	10.0	UNL FL 140(3 600) Class A, D, G			
△ GUNKU 363414N 1265949E		<u>187</u> 007	11.0	UNL FL 140(3 300) Class A, D, G			
▲ PEBRI 362311N 1270013E		<u>193</u> 013	29.5	UNL FL 140(2 300) Class A, D, G			
△ ATASO 355344N 1265657E		<u>193</u> 013	23.6	UNL FL 140(3 800) Class A, D, G			Incheon ACC FREQ : 123.725 MHz 124.50 MHz 132.20 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
▲ MAKSA 353011N 1265422E		<u>193</u> 013	22.7	UNL FL 140(4 000) Class A, D, G			
△ SAMUL 350736N 1265154E		<u>193</u> 013	52.5	UNL FL 140(3 400) Class A, D, G			Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1
▲ KAMIT 341514N 1264618E		<u>193</u> 013	22.4	UNL FL 140(2 100) Class A, D, G			
△ GUKSU 335251N 1264357E		<u>193</u> 012	19.6	UNL FL 140(1 700) Class A, D, G			
△ LOSNI 333315N 1264153E		<u>207</u> 027	10.8	UNL FL 140(7 600) Class A, D, G			
△ JEJU VORTAC(CJU) 332305N 1263727E		<u>207</u> 027	24.3	UNL FL 140(8 700) Class A, D, G			Incheon ACC FREQ : (At or above FL 335) 133.425 MHz 134.15 MHz 132.20 MHz ⁴⁾ (below FL 335) 125.725 MHz 132.825 MHz 128.375 MHz 132.20 MHz ⁴⁾ 4) Common frequency Airspace Classification refer to ENR 3.1-1
▲ SOSDO 330012N 1262735E		<u>207</u> 027	29.5	UNL FL 140(1 500) Class A, D, G			
△ SAMLO 323223N 1261536E		<u>207</u> 027	30.2				
△ NIRAT 320354N 1260329E		<u>207</u> 027	18.1				
△ ELGEP 314653N 1255617E		<u>207</u> 027	12.1				
▲ TESIM 313526N 1255128E		<u>207</u> 026	100.9				
▲ ATOTI(FIR BDRY) 300013N 1251154E					↑		
INCHEON FIR							
SANGHAI FIR							

1. Critical DME : KWA<KAMIT/GUKSU>, CJU<KAMIT/GUKSU>

2. DME GAP : GUKSU/LOSNI, LOSNI/CJU, CJU/SOSDO, SOSDO/SAMLO, SAMLO/NIRAT, NIRAT/TESIM, TESIM/ATOTI, GNSS required.

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Y722.

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Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
1	2	3	4	5	6		7
Y744 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] ▲ PILIT 372631N 1291731E ▲ NOBUT 370715N 1291957E ▲ LOSTO 362016N 1292548E △ POHANG VORTAC(KPO) 355838N 1292828E ▲ APARU 352442N 1290932E △ BUSAN VORTAC(PSN) 350721N 1285958E							Daegu ACC FREQ : 134.175 MHz 120.575 MHz 123.65 MHz 119.375 MHz 122.75 MHz ¹⁾ <i>1) Common frequency</i> 1. 11 000 ft to FL 240, at or above FL 280 will be blocked. 2. At or above 11 000 ft, required 15 days PPR from Air Traffic Management Office. 3. Airspace Classification refer to ENR 3.1-1
	N/A	$\frac{183}{003}$	19.3	UNL 9 000(4 900) Class A, D, G			
		$\frac{183}{003}$	47.2	UNL 9 000(5 600) Class A, D, G			
		$\frac{183}{003}$	21.7	UNL 9 000(2 100) Class A, D, G			
		$\frac{213}{033}$	37.2	UNL 9 000(4 400) Class A, D, G			
		$\frac{213}{032}$	19.0	UNL 9 000(4 400) Class A, D, G			
Y781 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] △ DALSEONG VORTAC(TGU) 354835N 1283527E ▲ MASTA 352847N 1283340E △ ANKUS 350730N 1284616E △ OMOTU 350033N 1285022E ▲ BESNA(FIR BDRY) 343718N 1290751E							Daegu ACC FREQ : 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ²⁾ <i>2) Common frequency</i> Airspace Classification refer to ENR 3.1-1
	N/A	$\frac{192}{012}$	19.8	UNL 7 000(4 900) Class A, D, G			
		$\frac{162}{342}$	23.6	UNL 7 000(4 000) Class A, D, G			
		$\frac{162}{342}$	7.7	UNL 7 000(3 500) Class A, D, G			
		$\frac{156}{336}$	27.3	UNL 7 000(2 800) Class A, D, G			
INCHEON FIR							
FUKUOKA FIR							

1. Critical DME : PSN<OMOTU/BESNA>, CJU<OMOTU/BESNA>

2. DME GAP : ANKUS/OMOTU, GNSS required.

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation] 1	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna 2	MAG TRACK ° 3	Geodetic DIST NM 4	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification 5	Direction of cruising levels 6		Remarks Controlling unit Frequency 7
					Odd	Even	
Y782 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 128.70 MHz 120.525 MHz 122.75 MHz ¹⁾ 1) <i>Common frequency</i> Airspace Classification refer to ENR 3.1-1
△ ANYANG VORTAC(SEL) 372449N 1265542E	N/A	174 354	12.4	UNL 4 500(3 000) Class A, D, G	↓		2) <i>Common frequency</i> Airspace Classification refer to ENR 3.1-1
△ POLEG 371249N 1265935E		174 354	7.4	UNL 4 500(2 000) Class A, D, G			
△ SONGTAN VORTAC(SOT) 370540N 1270154E		144 324	21.6	UNL 8 000(3 300) Class A, D, G			
▲ OSPOT 365018N 1272055E		144 324	10.4	UNL 8 000(4 200) Class A, D, G			
▲ VASLI 364252N 1273003E		144 324	21.9	UNL 10 000(4 500) Class A, D, G			
▲ MAKDU 362712N 1274909E		144 324	14.6	UNL 8 000(4 400) Class A, D, G			
▲ BITUX 361645N 1280148E		144 324	39.2	UNL 5 000(3 600) Class A, D, G			
△ DALSEONG VORTAC(TGU) 354835N 1283527E		162 342	20.4	UNL 4 000(3 000) Class A, D, G			
▲ KALOD 353012N 1284626E		162 342	25.4	UNL 4 000(3 000) Class A, D, G			
△ BUSAN VORTAC(PSN) 350721N 1285958E		162 342	26.6	UNL 4 000(3 000) Class A, D, G			
▲ APELA(FIR BDRY) 344323N 1291400E							
INCHEON FIR FUKUOKA FIR						↑	

1. Critical DME : SEL<SEL/POLEG>, SOT<SEL/POLEG>, SEL<POLEG/SOT>, SOT<POLEG/SOT>

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
1	2	3	4	5	6		7
Z50 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] △ EGOBA 372915N 1272246E △ SONGTAN VORTAC(SOT) 370540N 1270154E ▲ BULTI 364322N 1264930E	N/A						Daegu ACC FREQ : 128.70 MHz 134.175 MHz 122.75 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1
		224 044	28.8	UNL FL 140(3 300) Class A, D, G			
		213 032	24.4	UNL FL 140(2 900) Class A, D, G	↑		
Z51 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] ▲ BOPTA 364406N 1263658E △ MOXID 362311N 1264359E △ BEDES 360905N 1264844E	N/A						Incheon ACC FREQ : 132.15 MHz 123.55 MHz 132.20 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
		173 353	21.6	UNL FL 150(3 900) Class A, D, G			
		173 353	14.6	UNL FL 150(3 600) Class A, D, G			
Z52 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] ▲ OLMEN 364413N 1265928E △ POSAN 365615N 1271316E △ KAKSO 370745N 1272637E	N/A						Incheon ACC FREQ : 126.175 MHz 134.375 MHz 132.20 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1
		051 231	16.4	UNL 8 000(3 400) Class A, D, G	↓		
		051 232	15.7	UNL 8 000(3 000) Class A, D, G		↑	
Z53 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] ▲ BITUX 361645N 1280148E △ TEBEX 363341N 1275929E △ BASEM 365037N 1275710E	N/A						Daegu ACC FREQ : 125.375 MHz 120.575 MHz 125.775 MHz 119.375 MHz 122.75 MHz ⁴⁾ 4) Common frequency Airspace Classification refer to ENR 3.1-1
		002 182	17.0	UNL FL 160(4 000) Class A, D, G			
		002 182	17.0	UNL FL 160(4 600) Class A, D, G	↑		

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Z50, Z51, Z52 and Z53.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
1	2	3	4	5	6		7
Z54 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 128.70 MHz 132.80 MHz 120.525 MHz 122.75 MHz ¹⁾
△ SONGTAN VORTAC(SOT) 370540N 1270154E	N/A	<u>316</u> 136	11.7	<u>UNL</u> 8 000(2 400) Class A, D, G	↓		1) Common frequency Airspace Classification refer to ENR 3.1-1
▲ MONSI 371247N 1265015E		<u>316</u> 136	19.7	<u>UNL</u> 8 000(2 300) Class A, D, G			
△ GOGET 372442N 1263036E							
Z55 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 128.70 MHz 132.80 MHz 122.75 MHz ²⁾
SANGHAI FIR							2) Common frequency Airspace Classification refer to ENR 3.1-1
INCHEON FIR							
▲ AGAVO(FIR BDRY) 371010N 1235953E	N/A	<u>154</u> 334	35.5	<u>UNL</u> FL 140(1 500) Class A, D, G	↑		
▲ NONOS 364046N 1242453E							
1. Critical DME : SEL<AGAVO/NONOS>, KUJ<AGAVO/NONOS>							
Z56 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 122.25 MHz 125.925 MHz 122.75 MHz ³⁾
PYONGYANG FIR							3) Common frequency Airspace Classification refer to ENR 3.1-1
INCHEON FIR							
▲ KANSU(FIR BDRY) 383800N 1322830E	N/A	<u>180</u> 360	40.2	<u>UNL</u> FL 200(1 500) Class A, G	↓		
△ PALDU 375813N 1323625E		<u>180</u> 360	19.9				
△ SABET 373829N 1324019E		<u>180</u> 360	19.9				
▲ IGRAS(FIR BDRY) 371846N 1324411E							
INCHEON FIR							
FUKUOKA FIR							
1. Critical DME : KAE<PALDU/SABET>, KPO<PALDU/SABET>, KAE<SABET/IGRAS>, KPO<SABET/IGRAS> 2. DME GAP : KANSU/PALDU, GNSS required.							

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Z54, Z55 and Z56.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
Z57 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 128.70 MHz 132.80 MHz 122.75 MHz ¹⁾
△ RILRO 371033N 1241442E							1) Common frequency
△ DALPO 365835N 1242453E	N/A	154 334	14.5	UNL FL 150(1 500) Class A, D, G	↓		Airspace Classification refer to ENR 3.1-1
1. Critical DME : SEL<RILRO/DALPO>, KUZ<RILRO/DALPO>							
Z63 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Daegu ACC FREQ : 134.175 MHz 123.65 MHz 122.75 MHz ²⁾
▲ PILIT 372631N 1291731E							2) Common frequency
▲ NOMEX 374112N 1294441E	N/A	064 245	26.1	UNL FL 250(1 500) Class A, G	↓	↑	Airspace Classification refer to ENR 3.1-1
1. Critical DME : KAE<PILIT/NOMEX>, KPO<PILIT/NOMEX>							
Z81 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ³⁾
△ KIDOS 335028N 1263402E							3) Common frequency
△ JEJU VORTAC(CJU) 332305N 1263727E	N/A	182 001	27.5	UNL FL 140(8 700) Class A, D, G	↓		Airspace Classification refer to ENR 3.1-1
Z82 (RNAV2) [GNSS, DME/DME/IRU]							Incheon ACC FREQ : 124.525 MHz 132.425 MHz 132.20 MHz ⁴⁾
△ JEJU VORTAC(CJU) 332305N 1263727E							4) Common frequency
▲ PANSI 330014N 1261225E	N/A	230 050	31.0	UNL FL 140(8 700) Class A, D, G	↓		Airspace Classification refer to ENR 3.1-1
1. DME GAP : CJU/PANSI, GNSS required.							

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Z63, Z81 and Z82.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL Airspace classification	Direction of cruising levels		Remarks Controlling unit Frequency
					Odd	Even	
1	2	3	4	5	6		7
Z83 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							
△ DALSEONG VORTAC(TGU) 354835N 1283527E	N/A						Daegu ACC FREQ : 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1
▲ MASTA 352847N 1283340E		<u>192</u> 012	19.8	<u>UNL</u> 5 000(4 900) Class A, D, G		↓	
▲ SARAM 350736N 1283147E		<u>192</u> 012	21.2	<u>UNL</u> 5 000(3 800) Class A, D, G			
▲ ENGOT 344834N 1282952E		<u>193</u> 013	19.1	<u>UNL</u> 5 000(3 000) Class A, D, G			
▲ ANROD 343758N 1282952E		<u>188</u> 008	10.6	<u>UNL</u> 5 000(2 300) Class A, D, G	↑		
1. Critical DME : PSN<TGU/MASTA>, TGU<TGU/MASTA>, PSN<MASTA/SARAM>, TGU<MASTA/SARAM>, PSN<SARAM/ENGOT>, TGU<SARAM/ENGOT> 2. DME GAP : ENGOT/ANROD, GNSS required.							
Z84 (RNAV2) [GNSS, DME/DME, DME/DME/IRU]							
△ BUSAN VORTAC(PSN) 350721N 1285958E	N/A				↓		Daegu ACC FREQ : 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
▲ KALEK(FIR BDRY) 351232N 1295305E		<u>091</u> 272	43.8	<u>UNL</u> 8 000(3 100) Class A, D, G		↑	
INCHEON FIR							
FUKUOKA FIR							
Z85 (RNAV2) [GNSS, DME/DME/IRU]							
△ BILUM 334613N 1270439E	N/A	<u>192</u> 012	11.5	<u>UNL</u> FL 170(1 500) Class A, D, G	↓		Incheon ACC FREQ : 124.525 MHz 128.175 MHz 132.20 MHz ³⁾ 3) Common frequency Airspace Classification refer to ENR 3.1-1
△ PAPLU 333441N 1270337E		<u>192</u> 011	64.5				
▲ RUGMA(FIR BDRY) 323012N 1265753E						↑	
INCHEON FIR							
FUKUOKA FIR							
1. DME GAP : BILUM/PAPLU, PAPLU/RUGMA, GNSS required.							

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

Change : Information of reporting requirements for Z83.

Route designator (Navigation specification) Name of significant points Coordinates [Navigation Specification limitation]	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	MAG TRACK °	Geodetic DIST NM	Upper limits Lower limits (MOCA) ft AMSL or FL	Direction of cruising levels		Remarks Controlling unit Frequency
				Airspace classification	Odd	Even	
1	2	3	4	5	7		10
Z86 (RNAV2) [GNSS, DME/DME/IRU] △ BONSO 302840N 1250851E ▲ ATOTI(FIR BDRY) 300013N 1251154E							Incheon ACC FREQ : 124.525 MHz 132.20 MHz ¹⁾ 1) Common frequency Airspace Classification refer to ENR 3.1-1
	N/A	181 001	28.5	UNL FL 140(1 500) Class A, D, G		↓	
INCHEON FIR							
FUKUOKA FIR							
1. DME GAP : BONSO/ATOTI, GNSS required.							
Z91 (RNAV2) [GNSS, DME/DME, DME/DME/IRU] △ BUSAN VORTAC(PSN) 350721N 1285958E ▲ INVOK(FIR BDRY) 344719N 1291923E							Daegu ACC FREQ : 125.375 MHz 125.775 MHz 124.575 MHz 122.75 MHz ²⁾ 2) Common frequency Airspace Classification refer to ENR 3.1-1
	N/A	149 329	25.6	UNL 10 000(3 000) Class A, D, G	↓		
INCHEON FIR							
FUKUOKA FIR							

* RNAV2 represents a navigation accuracy of ± 2 NM on a 95% containment basis.

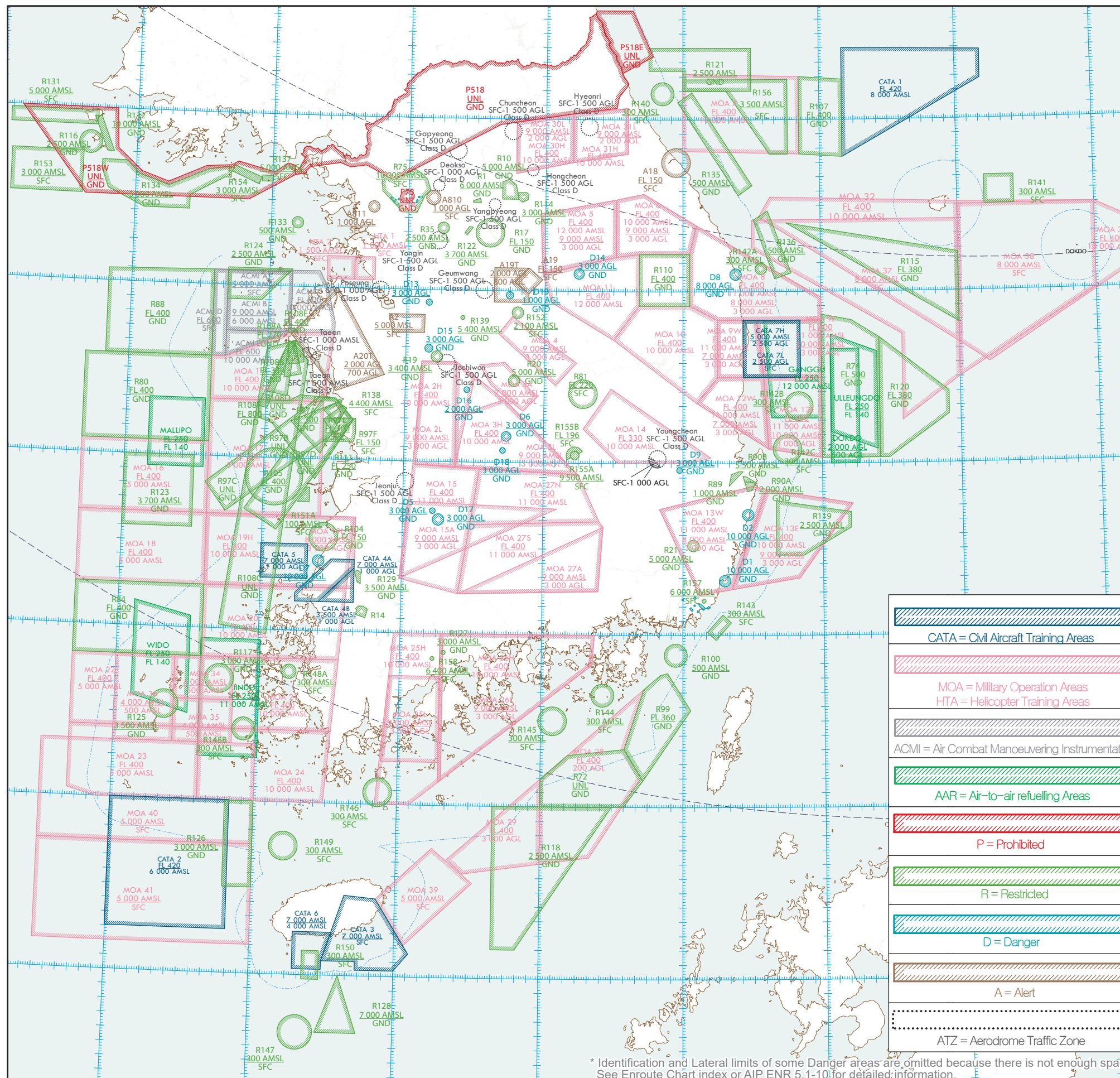
The map displays the Incheon/Daegu Control region, which is divided into several sectors and areas. The sectors are defined by their names, altitudes, and boundaries. The areas are defined by their names and altitudes. The map also shows the Daegu Control area and the Incheon/Daegu Control area. A legend at the bottom right explains the symbols for Control Area(Sector) and Flight Information Region.

Sector/Area	Altitude
WEST-SEA NORTH SECTOR	FL 600 1 000 AGL
WEST-SEA SOUTH SECTOR	FL 600 1 000 AGL
GUNSAK WEST SECTOR	FL 600 1 000 AGL
GUNSAK EAST SECTOR	FL 600 1 000 AGL
GWANGJU WEST SECTOR	FL 600 1 000 AGL
GWANGJU EAST SECTOR	FL 600 1 000 AGL
NAMYANG AREA	FL 600 1 000 AGL
JEJU NORTH SECTOR	FL 600 1 000 AGL
JEJU SOUTH HIGH SECTOR	FL 600 FL 335
JEJU SOUTH LOW SECTOR	FL 335 1 000 AGL
DAEGU AREA SECTOR	FL 600 1 000 AGL
POHANG AREA SECTOR	FL 600 1 000 AGL
EAST-SEA SECTOR	FL 600 1 000 AGL
GANGNEUNG AREA SECTOR	FL 600 1 000 AGL

INCHON/DAEGU CONTROL

CTA = Control Area(Sector)

FR = Flight Information Region



Effective : 1600UTC 22 MAR 2023

* The information contained is based on Aeronautical Information Publication.

TIME : UTC, ALT : Feet

PROHIBITED AREAS

RK P73
GND-19L

RK P18
GND-18L

RK P191E
GND-19L

RK P191W
GND-19L

RESTRICTED AREAS

RK R1
GND-100 AMSL
HIGH-171 2200-0800
NOTAM VMC-NC

RK R70D
GND-100 AMSL
HIGH-171 2200-0800
NOTAM VMC-NC

RK R130
GND-130 AMSL
HIGH-130 1100-1100
NOTAM VMC-NC

RK R142B
GND-142 AMSL
HIGH-142 1100-1100
NOTAM VMC-NC

RK R70E
GND-130 AMSL
HIGH-130 1100-1100
NOTAM VMC-NC

RK R70F
GND-130 AMSL
HIGH-130 1100-1100
NOTAM VMC-NC

RK R132
GND-132 AMSL
HIGH-132 1100-1100
NOTAM VMC-NC

RK R142C
GND-142 AMSL
HIGH-142 1100-1100
NOTAM VMC-NC

RK R14
NOTAM VMC-NC

RK R70F1
GND-130 AMSL
HIGH-130 1100-1100
NOTAM VMC-NC

RK R132D
GND-132 AMSL
HIGH-132 1100-1100
NOTAM VMC-NC

RK R143
GND-143 AMSL
HIGH-143 1100-1100
NOTAM VMC-NC

RK R144
NOTAM VMC-NC

RK R99
GND-150 AMSL
HIGH-150 1100-1100
NOTAM VMC-NC

RK R134
GND-134 AMSL
HIGH-134 1100-1100
NOTAM VMC-NC

RK R144
GND-144 AMSL
HIGH-144 1100-1100
NOTAM VMC-NC

RK R19
GND-19 AMSL
HIGH-19 1100-1100
NOTAM VMC-NC

RK R100
GND-100 AMSL
HIGH-100 1100-1100
NOTAM VMC-NC

RK R124
GND-124 AMSL
HIGH-124 1100-1100
NOTAM VMC-NC

RK R145
GND-145 AMSL
HIGH-145 1100-1100
NOTAM VMC-NC

RK R101
GND-101 AMSL
HIGH-101 1100-1100
NOTAM VMC-NC

RK R104
GND-104 AMSL
HIGH-104 1100-1100
NOTAM VMC-NC

RK R125
GND-125 AMSL
HIGH-125 1100-1100
NOTAM VMC-NC

RK R146
GND-146 AMSL
HIGH-146 1100-1100
NOTAM VMC-NC

RK R105
GND-105 AMSL
HIGH-105 1100-1100
NOTAM VMC-NC

RK R106
GND-106 AMSL
HIGH-106 1100-1100
NOTAM VMC-NC

RK R126
GND-126 AMSL
HIGH-126 1100-1100
NOTAM VMC-NC

RK R146A
GND-146 AMSL
HIGH-146 1100-1100
NOTAM VMC-NC

RK R107
GND-107 AMSL
HIGH-107 1100-1100
NOTAM VMC-NC

RK R108
GND-108 AMSL
HIGH-108 1100-1100
NOTAM VMC-NC

RK R127
GND-127 AMSL
HIGH-127 1100-1100
NOTAM VMC-NC

RK R147
GND-147 AMSL
HIGH-147 1100-1100
NOTAM VMC-NC

RK R109
GND-109 AMSL
HIGH-109 1100-1100
NOTAM VMC-NC

RK R110
GND-110 AMSL
HIGH-110 1100-1100
NOTAM VMC-NC

RK R128
GND-128 AMSL
HIGH-128 1100-1100
NOTAM VMC-NC

RK R148
GND-148 AMSL
HIGH-148 1100-1100
NOTAM VMC-NC

RK R111
GND-111 AMSL
HIGH-111 1100-1100
NOTAM VMC-NC

RK R112
GND-112 AMSL
HIGH-112 1100-1100
NOTAM VMC-NC

RK R129
GND-129 AMSL
HIGH-129 1100-1100
NOTAM VMC-NC

RK R149
GND-149 AMSL
HIGH-149 1100-1100
NOTAM VMC-NC

RK R113
GND-113 AMSL
HIGH-113 1100-1100
NOTAM VMC-NC

RK R114
GND-114 AMSL
HIGH-114 1100-1100
NOTAM VMC-NC

RK R130
GND-130 AMSL
HIGH-130 1100-1100
NOTAM VMC-NC

RK R150
GND-150 AMSL
HIGH-150 1100-1100
NOTAM VMC-NC

RK R115
GND-115 AMSL
HIGH-115 1100-1100
NOTAM VMC-NC

RK R116
GND-116 AMSL
HIGH-116 1100-1100
NOTAM VMC-NC

RK R131
GND-131 AMSL
HIGH-131 1100-1100
NOTAM VMC-NC

RK R151
GND-151 AMSL
HIGH-151 1100-1100
NOTAM VMC-NC

RK R117
GND-117 AMSL
HIGH-117 1100-1100
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RK R118
GND-118 AMSL
HIGH-118 1100-1100
NOTAM VMC-NC

RK R132
GND-132 AMSL
HIGH-132 1100-1100
NOTAM VMC-NC

RK R152
GND-152 AMSL
HIGH-152 1100-1100
NOTAM VMC-NC

RK R119
GND-119 AMSL
HIGH-119 1100-1100
NOTAM VMC-NC

RK R120
GND-120 AMSL
HIGH-120 1100-1100
NOTAM VMC-NC

RK R133
GND-133 AMSL
HIGH-133 1100-1100
NOTAM VMC-NC

RK R153
GND-153 AMSL
HIGH-153 1100-1100
NOTAM VMC-NC

RK R121
GND-121 AMSL
HIGH-121 1100-1100
NOTAM VMC-NC

RK R122
GND-122 AMSL
HIGH-122 1100-1100
NOTAM VMC-NC

RK R134
GND-134 AMSL
HIGH-134 1100-1100
NOTAM VMC-NC

RK R154
GND-154 AMSL
HIGH-154 1100-1100
NOTAM VMC-NC

RK R123
GND-123 AMSL
HIGH-123 1100-1100
NOTAM VMC-NC

RK R124
GND-124 AMSL
HIGH-124 1100-1100
NOTAM VMC-NC

RK R135
GND-135 AMSL
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NOTAM VMC-NC

RK R155
GND-155 AMSL
HIGH-155 1100-1100
NOTAM VMC-NC

RK R125
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HIGH-125 1100-1100
NOTAM VMC-NC

RK R126
GND-126 AMSL
HIGH-126 1100-1100
NOTAM VMC-NC

RK R136
GND-136 AMSL
HIGH-136 1100-1100
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RK R156
GND-156 AMSL
HIGH-156 1100-1100
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RK R127
GND-127 AMSL
HIGH-127 1100-1100
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RK R128
GND-128 AMSL
HIGH-128 1100-1100
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RK R137
GND-137 AMSL
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RK R157
GND-157 AMSL
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NOTAM VMC-NC

RK R129
GND-129 AMSL
HIGH-129 1100-1100
NOTAM VMC-NC

RK R130
GND-130 AMSL
HIGH-130 1100-1100
NOTAM VMC-NC

RK R138
GND-138 AMSL
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RK R158
GND-158 AMSL
HIGH-158 1100-1100
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RK R
CONF VMC-NC

RK R139
GND-139 AMSL
HIGH-139 1100-1100
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GND-139 AMSL
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RK R141
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HIGH-141 1100-1100
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RK R141A
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RK R141B
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RK R143
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RK R144
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RK R145
GND-145 AMSL
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RK R145A
GND-145 AMSL
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RK R145B
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NOTAM VMC-NC

RK R146
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HIGH-146 1100-1100
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RK R147
GND-147 AMSL
HIGH-147 1100-1100
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RK R147A
GND-147 AMSL
HIGH-147 1100-1100
NOTAM VMC-NC

RK R147B
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HIGH-147 1100-1100
NOTAM VMC-NC

RK R148
GND-148 AMSL
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RK R149
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RK R149A
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RK R149B
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RK R150
GND-150 AMSL
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RK R151
GND-151 AMSL
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RK R151A
GND-151 AMSL
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RK R151B
GND-151 AMSL
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NOTAM VMC-NC

RK R152
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RK R153B
GND-153 AMSL
HIGH-153 1100-1100
NOTAM VMC-NC

RK R154
GND-154 AMSL
HIGH-154 1100-1100
NOTAM VMC-NC

RK R155
GND-155 AMSL
HIGH-155 1100-1100
NOTAM VMC-NC

RK R155A
GND-155 AMSL
HIGH-155 1100-1100
NOTAM VMC-NC

RK R155B
GND-155 AMSL
HIGH-155 1100-1100
NOTAM VMC-NC

RK R156
GND-156 AMSL
HIGH-156 1100-1100
NOTAM VMC-NC

RK R157
GND-157 AMSL
HIGH-157 1100-1100
NOTAM VMC-NC

RK R157A
GND-157 AMSL
HIGH-157 1100-1100
NOTAM VMC-NC

RK R157B
GND-157 AMSL
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NOTAM VMC-NC

RK R158
GND-158 AMSL
HIGH-158 1100-1100
NOTAM VMC-NC

RK R159
GND-159 AMSL
HIGH-159 1100-1100
NOTAM VMC-NC

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RK R159B
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RK R160
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RK R161
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RK R161B
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RK R162
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HIGH-162 1100-1100
NOTAM VMC-NC

RK R163
GND-163 AMSL
HIGH-163 1100-1100
NOTAM VMC-NC

RK R163A
GND-163 AMSL
HIGH-163 1100-1100
NOTAM VMC-NC

RK R163B
GND-163 AMSL
HIGH-163 1100-1100
NOTAM VMC-NC

RK R164
GND-164 AMSL
HIGH-164 1100-1100
NOTAM VMC-NC

RK R165
GND-165 AMSL
HIGH-165 1100-1100
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RK R165A
GND-165 AMSL
HIGH-165 1100-1100
NOTAM VMC-NC

RK R165B
GND-165 AMSL
HIGH-165 1100-1100
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NOTAM VMC-NC

RK R168
GND-168 AMSL
HIGH-168 1100-1100
NOTAM VMC-NC

RK R169
GND-169 AMSL
HIGH-169 1100-1100
NOTAM VMC-NC

RK R169A
GND-169 AMSL
HIGH-169 1100-1100
NOTAM VMC-NC

RK R169B
GND-169 AMSL
HIGH-169 1100-1100
NOTAM VMC-NC

RK R170
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RK R171
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RK R171A
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RK R171B
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NOTAM VMC-NC

RK R232
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HIGH-232 1100-1100
NOTAM VMC-NC

RK R233
GND-233 AMSL
HIGH-233 1100-1100
NOTAM VMC-NC

RK R233A
GND-233 AMSL
HIGH-233 1100-1100

RK D1 GND-1 0000 AGL	RK D14 GND-3 0000 AGL	RK D27 GND-1 9000 AGL	RK D30 GND-1 9000 AGL
RK D5 GND-1 0000 AGL	RK D3 GND-3 0000 AGL	RK D28 GND-1 9000 AGL	RK D31 GND-1 6000 AGL
RK D7 GND-3 0000 AGL	RK D16 GND-1 0000 AGL	RK D4 GND-1 7000 AGL	RK D37 GND-1 6000 AGL
RK D8 GND-5 0000 AMSL	RK D17 GND-1 0000 AGL	RK D13 GND-1 5000 AGL	RK D33 GND-1 5000 AGL
RK D7 GND-5 0000 AMSL	RK D18 GND-3 0000 AGL	RK D56 GND-1 6000 AGL	RK D34 GND-1 6000 AGL
RK D8 GND-8 0000 AMSL	RK D19 GND-1 0000 AGL	RK D57 GND-1 7000 AGL	RK D35 GND-2 0000 AGL
RK D6 GND-3 0000 AGL	RK D20 GND-1 6000 AGL	RK D58 GND-1 7000 AGL	RK D36 GND-2 0000 AGL
RK D13 GND-3 0000 AGL	RK D31 GND-1 7000 AGL	RK D59 GND-1 6000 AGL	RK D37 GND-1 6000 AGL

RK A2 SFC: 5 000 AGL MON-FRI 2300-1300 SAT 2300-0400	RK A19 SFC-FL 150 DAILY 2100-1400 VMC	RK A20T 700 AGL - 2000 AGL MON-SAT	RK A11 SFC-1 000 AGL MON-FRI 2300-1300 SAT 2300-0400
RK A18 SFC-FL 150 MON-SAT CONT	RK A19T 800 AGL-2000 AGL DAILY 2300-0900 IMC-VMC	RK A810 SFC-1 000 AGL MON-FRI 2300-1300 SAT 2300-0400	

CIVIL AIRCRAFT TRAINING AREAS (CATA)			
CATA 1	CATA 4A	CATA 5	CATA 7L
<u>FL 420</u>	<u>7 000 AMSL</u>	<u>7 000 AMSL</u>	<u>2 500 AGL</u>
8 000 AMSL	1 000 AGL	1 000 AGL	SFC
2100-1300	NOTAM HJ	NOTAM HJ	24HR
CATA 2	CATA 4B	CATA 6	CATA 7H
<u>FL 420</u>	<u>3 500 AMSL</u>	<u>7 000 AMSL</u>	<u>5 000 AMSL</u>
6 000 AMSL	1 000 AMSL	1 000 AMSL	1 000 AMSL

<u>7 000 AMSL</u> <u>SFC</u> 2100-1300
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MILITARY OPERATION AREAS (MOA)			
<u>MOA 1</u> <u>FL 400</u>	<u>MOA 9W</u> <u>FL 400</u>	<u>MOA 19L</u> <u>8 000 AMSL</u>	<u>MOA 30H</u> <u>FL 400</u>

FIX(WPT)	COORDINATES	FIX(WPT)	COORDINATES	FIX(WPT)	COORDINATES	FIX(WPT)	COORDINATES	FIX(WPT)	COORDINATES	FIX(WPT)	COORDINATES
AGAVO	371010N 123595E	BEDAR	315401N 162290E	BOPTA	364406N 126365E	ELPOS	355410N 126470E	INVOCK	344719N 129129E	LMXD	370000N 123000E
AGCUS	364521N 130448E	BEDES	360005N 126448E	BULGA	354309N 129492E	ENGOT	448348N 128295E	IPDAS	351151N 126430E	IPDAS	351151N 126430E
AGGON	364521N 130448E	BEIDU	360005N 126448E	BULGA	354309N 129492E	ENGOT	448348N 128295E	IPDAS	351151N 126430E	IPDAS	351151N 126430E
ANDOL	373005N 130000E	BEITU	371208N 125510E	BUSKO	374503N 130160E	INTEL	362211N 126750E	KALEK	351232N 129530E	LOSTA	370000N 123000E
ANROD	343758N 128295E	BESHA	343758N 128295E	DALPO	375633N 124253E	GONAV	371088N 124253E	KAMIT	353012N 128462E	MAKET	353012N 128462E
ANSM	347325N 124509E	BIGOS	364328N 128095E	DALSU	300131N 126420E	GONAX	362211N 126501E	KALOT	341514N 126406E	MAKSA	341514N 126406E
APARU	354422N 129052E	BILUM	336613N 127403E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
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ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	383800N 152280E
ATASO	355244N 126963E	BITUS	346451N 128014E	DANOT	371806N 124392E	GUNKU	371011N 127932E	KANOS	383800N 152280E	MANGI	

IFR CRUISING LEVEL DIAGRAMS

FIR

Name of FIR _____

Upper limit _____

Lower limit _____

Unit providing service _____

*** The VFR flights to enter the Incheon FIR should report estimated time over FIR at least 20 minutes prior to crossing the boundary. The departing point where it takes less than 20 minutes flying time from the boundary should report estimated time to cross the FIR before take off.**

ACC Boundary

Terminal control Area (TMA)

Name of TMA _____

TMA number _____

Upper limit _____

Lower limit _____

Unit providing area control service _____

Civil Aircraft Training Area (CATA)

Identification of area _____

Upper limit _____

Lower limit _____

Aerodrome Traffic Zone(ATZ)

Identification of ATZ _____

Airspace Classification _____

Vertical Limit _____

In the RVSM stratum 2 000 ft vertical separation minimum is applied between RVSM non compliant aircraft operating and all other aircraft.

Altitude, elevation and heights are in Feet.
Distances are Nautical Miles.
Coordinates are in WGS-84.

Transition altitude is 14 000 Feet.
Transition level is FL 140.

Type of Category	Class	Designated areas and altitude	Type of flight	Separation provided	Service provided	Radio Communication requirement	Subject to an ATC clearance
Controlled	A	- All airways from above FL 200 to FL 600* - Incheon airport** - Within 5 NM including areas which are extended northbound from 373156N 1261525E - 373271N 1262500E - 373241N 1262713E - 372852N 1262003E - 373156N 1261525E and southbound from 372247N 1262526E - 372654N 1263222E - 372339N 1263710E - 371815N 1262735E - 372247N 1262526E (SFC-10 000 ft AMSL) - Within 5-10 NM including areas which are extended northbound from 373454N 1261246E - 374019N 1262221E - 373271N 1262500E - 373156N 1261525E - 373454N 1261246E and southbound from 371815N 1262735E - 372339N 1263710E - 371917N 1264102E - 371353N 1263128E - 371815N 1262735E (1 000 ft AGL-10 000 ft AMSL) - Within 10-20 NM (5 000 ft AGL-10 000 ft AMSL) - Gimpo airport** - Within 5 NM including areas which are extended northbound from 373646N 1265926E - 373944N 1264310E - 373803N 1264518E - 373458N 1264142E - 373646N 1263926E, and southbound from 372840N 1264938E - 373036N 1265252E - 372907N 1265444E - 372652N 1265153E - 372840N 1264938E - Within 5-10 NM (1 000 ft AGL-10 000 ft AMSL) - Within 10-20 NM (5 000 ft AGL-10 000 ft AMSL) - Jeju Airport - A circle, radius 5 NM centered at 90PC ARP (333044N 1262934E) - SFC - 10 000 ft AMSL 332635N 1262614E - a clockwise arc, radius 5 NM centered at ARP - radius 10 NM centered at ARP - 332251N 126431E - a counterclockwise arc, radius 10 NM centered at ARP - 332251N 1262355E - to the beginning - 1 000 ft AMSL - 10 000 ft AMSL 332225N 1262555E - a clockwise arc, radius 10 NM centered at ARP - 332051N 1264131E - 332057N 1265288E - a counterclockwise arc, radius 20 NM centered at ARP - 331405N 1261618E - to the beginning - 2 000 ft AMSL - 10 000 ft AMSL	IFR	All aircraft	ATC service	Continuous two-way	Yes
	B	- Radius of airports with APP Control** - Within 5 NM (SFC-5 000 ft AGL) - Within 5-10 NM (1 000 ft AGL-5 000 ft AGL)	IFR VFR	All aircraft	ATC service	Continuous two-way	Yes
	C	- All airways from MEA up to and including FL 200 - Airspace from above 10 000 ft AMSL to FL 185 within Seoul TMA, excluding Class B - Radius of airports none APP Control*** - Within 5 NM (SFC-5 000 ft AGL or the upper limits altitude of control zone)	IFR	IFR from IFR IFR from VFR	ATC service	Continuous two-way	Yes
	D	- All airways from MEA up to and including FL 200 - Airspace from above 10 000 ft AMSL to FL 185 within Seoul TMA, excluding Class B - Radius of airports none APP Control*** - Within 5 NM (SFC-5 000 ft AGL or the upper limits altitude of control zone)	VFR	VFR from IFR	* ATC service for separation from IFR; * VFR/VFR traffic information (and traffic avoidance advice on request)	Continuous two-way	Yes
	E	- Controlled Airspace except Class A, B, C, and D. - Airspace (Lands and Waters) - 1 000 ft - 60 000 ft from the surface of the earth or sea - Airspace over the high seas - 500 ft, from the surface of the sea - 60 000 ft AMSL	IFR	IFR from IFR IFR from VFR/DOD & RADAR C	* ATC service including traffic information about VFR flights (and traffic avoidance advice on request)	Continuous two-way	Yes
	F	- Uncontrolled Airspace except Class A, B, C, D and E. - Airspace (Lands and Waters) - Below 1 000 ft from the surface of the earth or sea - Airspace over the high seas - Below 500 ft from the surface of the sea - 60 000 ft AMSL	VFR	NIL	* Traffic information between VFR and IFR flights (and traffic avoidance advice on request)	Continuous two-way	Yes
	G	- Uncontrolled Airspace except Class A, B, C, D and E. - Airspace (Lands and Waters) - Below 1 000 ft from the surface of the earth or sea - Airspace over the high seas - Below 500 ft from the surface of the sea - 60 000 ft AMSL	IFR VFR	NIL	* Flight information service	No	No
	H	- Uncontrolled Airspace except Class A, B, C, D and E. - Airspace (Lands and Waters) - Below 1 000 ft from the surface of the earth or sea - Airspace over the high seas - Below 500 ft from the surface of the sea - 60 000 ft AMSL	IFR VFR	NIL	* Flight information service	No	No
	I	- Uncontrolled Airspace except Class A, B, C, D and E. - Airspace (Lands and Waters) - Below 1 000 ft from the surface of the earth or sea - Airspace over the high seas - Below 500 ft from the surface of the sea - 60 000 ft AMSL	IFR VFR	NIL	* Flight information service	No	No

* Though application of the Flight procedures for Korean military mentioned on each Class is reserved, Korean military shall observe the Flight Information Notice (FIN) and the flight procedures specified on the ICAO between concerned facilities.

** Gimhae, Gwangju, Sacheon, Daegu, Gyeongju, Jeonju, Seoul, Wonju, Yeosu, Gunsan and Pohang Seongsu Airports(11)

*** Osan, Yangyang, Seou, Cheongju, Suwon, Seongju, Yeongju, Ulsan, Yeosu, Mokpo, Muan, Ullin, Jeongseong, Jinhae, Incheon, Nonsan

* Though application of the flight procedures for Korean military mentioned on each Class is reserved, Korean military shall observe the Flight Information Notification procedures specified on the LOA between concerned facilities.

^{***} Gimhae, Gwangju, Sacheon, Daegu, Gangneung, Jungwon, Seosan, Wonju, Yecheon, Gunsan and Pohang Gyeongju Airports(11)

^{****} Osan, Yangsan Airports(7)

^{*****} Cheong, Tancheon, Suwon, Seongmu, Pyeongtaek, Ulsan, Yeosu, Mokpo, Muan, Ulsin, Jeongseok, Jinhae, Icheon, Nonsan and Sangju Airports(17)

* The VFR flights crossing Korea ADIZ boundary should include their route, altitude within Korea ADIZ and estimated time in the boundary.

Flight Information Center (FIC)
* VHF 126.90/135.725, UHF 250.80/258.50/317.55

Route designer V549
 Magnetic track 100 121 282
 Distance in NM 10 000 or 6 000
 Upper limit 7 000
 Minimum flight altitude

Identification of area
 Upper limit
 Lower limit

AIRC / AIRM / AIP / DOGSD
 FL 1000
 3000 AMSL

Route designator — Y685
Magnetic track — 133 313
Distance in NM — 10 000 or 8 000
Upper limit — 7 000
Minimum flight altitude —

To be orientated on the chart in accordance with the alignment of the station (normally Magnetic North)

Note. Additional points of compass may be added as required.

Compass rose to be used as appropriate.

AIRSPACE CLASSIFICATION INFORMATION

CLASS A ————— Airway(FL 200 ABV - FL 600)

5 NM Radius
10 NM Radius

symbols:

VOR/DME

TACAN

VORTAC

CLASS C 5 NM Radius
10 NM Radius

CLASS D 5 NM Radius

Name INCHEON
NAVAID frequency, Identification or call sign VOR/DME 113.8
NCN 113.8
Geographical coordinates 37° 29' 42"N

CLASS E _____	At or above 1 000 ft AGL	Altimeter setting region boundary	
CLASS G _____	Below 1 000 ft AGL	Isogonic line or isogonal	

All airways from FL 200 up to and including FL 600 are CLASS A
All airways from MEA up to and including FL 200 are CLASS D

Change - Over Point (COP) _____ Distance in NM from associated VOR navigation aid 45⁴⁴

Lakes(Perennial) _____ Area Minimum Altitude (AMA)

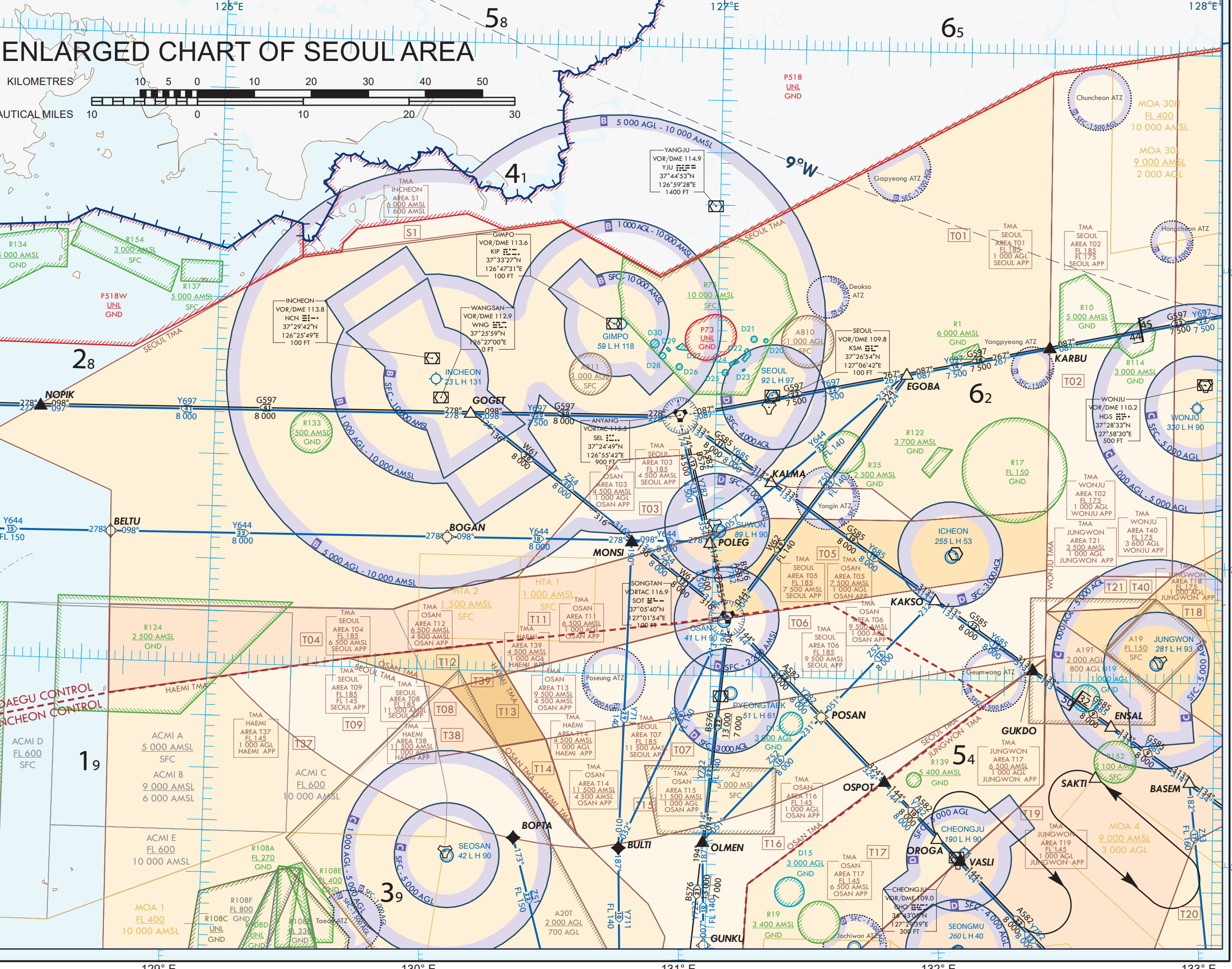
Name _____ IGDOK _____

Example : 5 400 feet **34**

Each 1° quadrilateral contains an Area Minimum Altitude (AMA) which represents the lowest altitude to be used under Instrument Meteorological Conditions (IMC). The AMA provides a minimum clearance of 1 000 feet above all obstacles in the quadrilateral. It is represented in hundreds feet above mean sea level.

Example : 5 400 feet ——— **54**

Example : 5 400 feet ——— **54**



2.7 Taxi and Ground Movement procedures for North Apron

1. All Aircraft on P5 should wait at the waiting point on P5 if N1, N2, N3 or N4 is occupied by any aircraft.
2. Aircraft waiting on N1-A for deicing or for other purposes should stop at the stop line, and a marshal should maintain radio communication with ATC.
3. Standard taxi procedures for north apron

Unless otherwise cleared by ATC, taxi into and out of north apron as follows;

[Caution] While taxiing to/from the International Terminal via P4 or P5, pilots should look out for other aircraft that might be holding on taxiway N1, N2 and N3 in order to avoid collision risk.

Departure

- a. Aircraft stands from NR. 31 to 34 proceed to "P" TWY via "P4" TWY.
- b. Aircraft stands from NR. 35 to 39, NR. 201 to 206, NR. 211 to 214 and NR. 304 to 307 proceed to "P" TWY via "P4" TWY.
- c. Aircraft stands from NR. 221 to 231 proceed to "P" TWY via "N2" and "P4" TWY.
- d. Aircraft stands from NR. 232 to 237, NR. 301 to 303 proceed to "P" TWY via "N4" and "P4" TWY.

Arrival

- a. Aircraft stands from NR. 201 to 206, NR. 211 to 214, NR. 221 to 237 From "P" TWY, proceed to aircraft stand via "P5" TWY.
- b. Aircraft stands from NR. 35 to NR. 39, NR. 304 to 307 From "P" TWY, proceed to aircraft stand via "P5" and "N4" TWY.
- c. Aircraft stands from NR. 31 to NR. 34 From "P" TWY, proceed to aircraft stand via "P5" and "N3" TWY.
- d. Aircraft stands from NR. 301 to NR. 303 From "P" TWY, proceed to aircraft stand via "P5" and "N5" TWY.

2.8 Taxi and Ground Movement Procedures for West Apron

1. All aircraft within the west apron shall be operated in accordance with the following conditions.
 - a. An aircraft operating on the west apron shall not taxi, push-back or tow unless prior authorization has been obtained from Gimpo Apron.
 - b. Park at appropriate stands considering aircraft dimensions specified herein, all aircraft must be parked within the aircraft stand safety lines.
Refer to the AIRCRAFT PARKING/DOCKING CHART ICAO for the details.
 - c. Wheeled helicopters are restricted to ground taxi only.
 - d. When any adjacent stand is occupied, power driven turn of aircraft at the stand is prohibited.
 - e. All stands are restricted to start-up only, and all engine run-up must be performed in designated area only.
 - f. Fixed-wing aircraft must be tied down when parking.
 - g. For helicopters, before commencing movement with self-power at stands(NR. 922, 923) adjacent to fixed-wing stand, be sure that fixed-wing aircraft is tied down.

2. Standard Taxi Procedures

Unless otherwise cleared by ATC, the taxi procedures of the aircraft within the Apron are as follows.

a. Departure

1) Fixed-wing aircraft

- a) stand → "S" taxilane → TWY "W1" or "W2" → RWY
- b) stand → "T" taxilane → TWY "W2" → RWY

2) For helicopter, proceed from the stand to H3 or H4 via "S" taxilane.

b. Arrival

1) Fixed-wing aircraft

- a) RWY → TWY "W1" → "S" taxilane → TWY "W2" → "T" taxilane → stand
- b) RWY → TWY "W2" → "T" taxilane → stand

2) For helicopter, after landing at H3 or H4, proceed to the stand via "S" taxilane.

Change : Information of taxi and ground movement procedures(departure) for north apron.

3. Radio Communication Procedures

Unless otherwise instructed by ATC, all aircraft should change radio frequency as follows.

a. Departure

- 1) Fixed-wing aircraft shall contact Gimpo Apron(130.875 MHz) on the stand before taxiing and will normally be transferred to Gimpo Tower(118.1 MHz) manually prior to entering TWY "W1" or "W2" for take off.
- 2) Helicopters shall contact Gimpo Apron(130.875 MHz) on the stand for taxiing and will normally be transferred to Gimpo Tower(118.1 MHz) manually prior to entering "H3" or "H4" for take off.

b. Arrival

- 1) Fixed-wing aircraft will normally be transferred from Gimpo Tower(118.1 MHz) to Gimpo Apron(130.875 MHz) manually just after entering "W1" or "W2" TWY for ground taxi.
- 2) Helicopters will normally be transferred from Gimpo Tower(118.1 MHz) to Gimpo Apron(130.875 MHz) manually prior to entering the taxiway "S" for taxiing, after landing "H3" or "H4".

4. The use of RUN-UP PAD

- a. Hour of Operation : Available between 30 minutes after sunrise and 30 minutes before sunset.
- b. The use of RUN-UP PAD may be permitted only under prior approval obtained from the control tower.
- c. A continuous communication with the control tower shall be maintained while using RUN-UP PAD.
- d. No maintenance is permitted on RUN-UP PAD(except compulsory maintenance during RUN-UP).
- e. Hover check is not available over run-up pad.
(But hover check at H3 or H4 will be available under ATC permission below 50 ft.)

5. Restrictions

- a. Any helicopter is not allowed to taxi on Taxiway "W2" and taxiway "T".
- b. Any helicopter must follow the regular operating hours(within 1 HR/MAX) when using spot NR. 908-2 and spot NR. 909. Layover is not permitted.
- c. Any helicopter which are not registered in Gimpo INTL Airport are not allowed to park more than 30 minutes when using ACFT stand NR. 912. Layover is not permitted on the stand.

2.9 The code letter "F" aircraft operating procedures for the usage of the alternate airport(RKSS).

1. Taxiing procedures to and from ACFT stands NR.121F and 123F for both standard and low visibility operations are as follows :

a. Departure (Refer to RKSS AD 2-20, 2-21)

RWY 14R - 121F/123F → P1 → P → G2 → G1
RWY 32L - 121F/123F → P1 → P → B2 → B1

b. Arrival (Refer to RKSS AD 2-20, 2-21)

RWY 14R - B1 → B2 → P → P1 → 121F/123F
RWY 32L - G1 → G2 → P → P1 → 121F/123F

2. Restriction

- a. Any Aircraft shall not enter TWY "N1", while "F" aircraft is occupying "P" TWY.
- b. "F" aircraft requires Follow me car service and shall comply with the taxi speed limit 17 kt when taxi on part of "P" TWY from "P6" to "F2".
- c. Push-back restriction on ACFT stand NR. 121F : Nose-gear cannot cross over intermediate holding position marking on TWY "R" behind the ACFT stand NR. 123.
- d. Push-back restriction on ACFT stand NR. 123F : Nose-gear cannot cross over intermediate holding position marking on TWY "R" behind the ACFT stand NR. 122.
- e. The aircraft, the code letter "F", are not able to take-off or land on RWY 14L/32R.

STANDARD DEPARTURE CHART
INSTRUMENT(SID) - ICAO

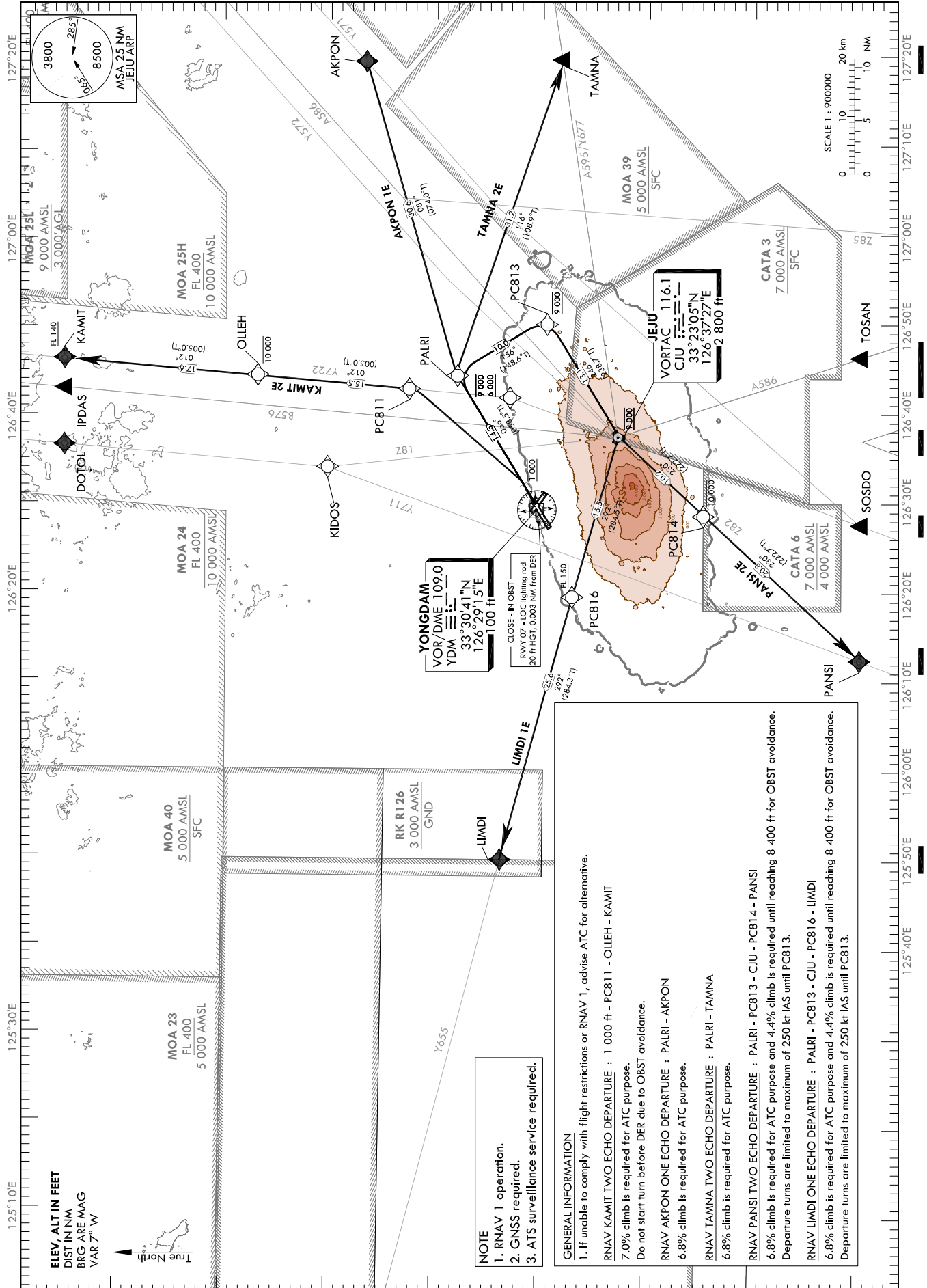
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TRANSITION LVL FL 140

JEJU DEP 119.225
JEJU TWR 121.2
118.55
118.2

JEJU/Jeju Intl(RKPC)

RWY 07
RNAV KAMIT 2E
RNAV AKPON 1E, RNAV TAMNA 2E
RNAV PANSI 2E, RNAV LIMDI 1E

Note : Departure under ICAO Flight Procedures.



JEJU/Jeju Intl(RKPC)
RWY 07

RNAV KAMIT 2E

RNAV AKPON 1E, RNAV TAMNA 2E

RNAV PANSI 2E, RNAV LIMDI 1E

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV KAMIT 2E

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CA	-	-	066(058.5)	-	-	@1 000	-	-	-	RNAV 1	-
002	DF	PC811	-	-	-	L	-	-	33°42'12.1"N 126°42'48.8"E	-	RNAV 1	-
003	TF	OLLEH	-	012(005.0)	15.5	-	-10 000	-	33°57'42.2"N 126°44'26.5"E	-	RNAV 1	-
004	TF	KAMIT	-	012(005.0)	17.6	-	+FL 140	-	34°15'14.1"N 126°46'17.7"E	-	RNAV 1	-

RNAV AKPON 1E

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	PALRI	-	066(058.5)	14.3	-	-9 000 +6 000	-	33°38'27.2"N 126°44'37.4"E	-	RNAV 1	-
002	TF	AKPON	-	081(074.0)	30.6	-	-	-	33°46'49.6"N 127°19'53.0"E	-	RNAV 1	-

RNAV TAMNA 2E

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	PALRI	-	066(058.5)	14.3	-	-9 000 +6 000	-	33°38'27.2"N 126°44'37.4"E	-	RNAV 1	-
002	TF	TAMNA	-	116(108.9)	31.2	-	-	-	33°28'15.5"N 127°19'53.0"E	-	RNAV 1	-

RNAV PANSI 2E

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	PALRI	-	066(058.5)	14.3	-	-	-250	33°38'27.2"N 126°44'37.4"E	-	RNAV 1	-
002	TF	PC813	-	156(148.6)	10.0	-	@9 000	-250	33°29'55.5"N 126°50'50.0"E	-	RNAV 1	-
003	TF	CJU	-	246(238.7)	13.1	-	@9 000	-	33°23'04.6"N 126°37'26.8"E	-	RNAV 1	-
004	TF	PC814	-	230(222.8)	10.2	-	-10 000	-	33°15'36.4"N 126°29'13.5"E	-	RNAV 1	-
005	TF	PANSI	-	230(222.7)	20.8	-	-	-	33°00'14.4"N 126°12'25.1"E	-	RNAV 1	-

RNAV LIMDI 1E

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	PALRI	-	066(058.5)	14.3	-	-	-250	33°38'27.2"N 126°44'37.4"E	-	RNAV 1	-
002	TF	PC813	-	156(148.6)	10.0	-	@9 000	-250	33°29'55.5"N 126°50'50.0"E	-	RNAV 1	-
003	TF	CJU	-	246(238.7)	13.1	-	@9 000	-	33°23'04.6"N 126°37'26.8"E	-	RNAV 1	-
004	TF	PC816	-	292(284.5)	15.5	-	+FL 150	-	33°26'56.5"N 126°19'30.8"E	-	RNAV 1	-
005	TF	LIMDI	-	292(284.3)	25.6	-	-	-	33°33'13.3"N 125°49'53.0"E	-	RNAV 1	-

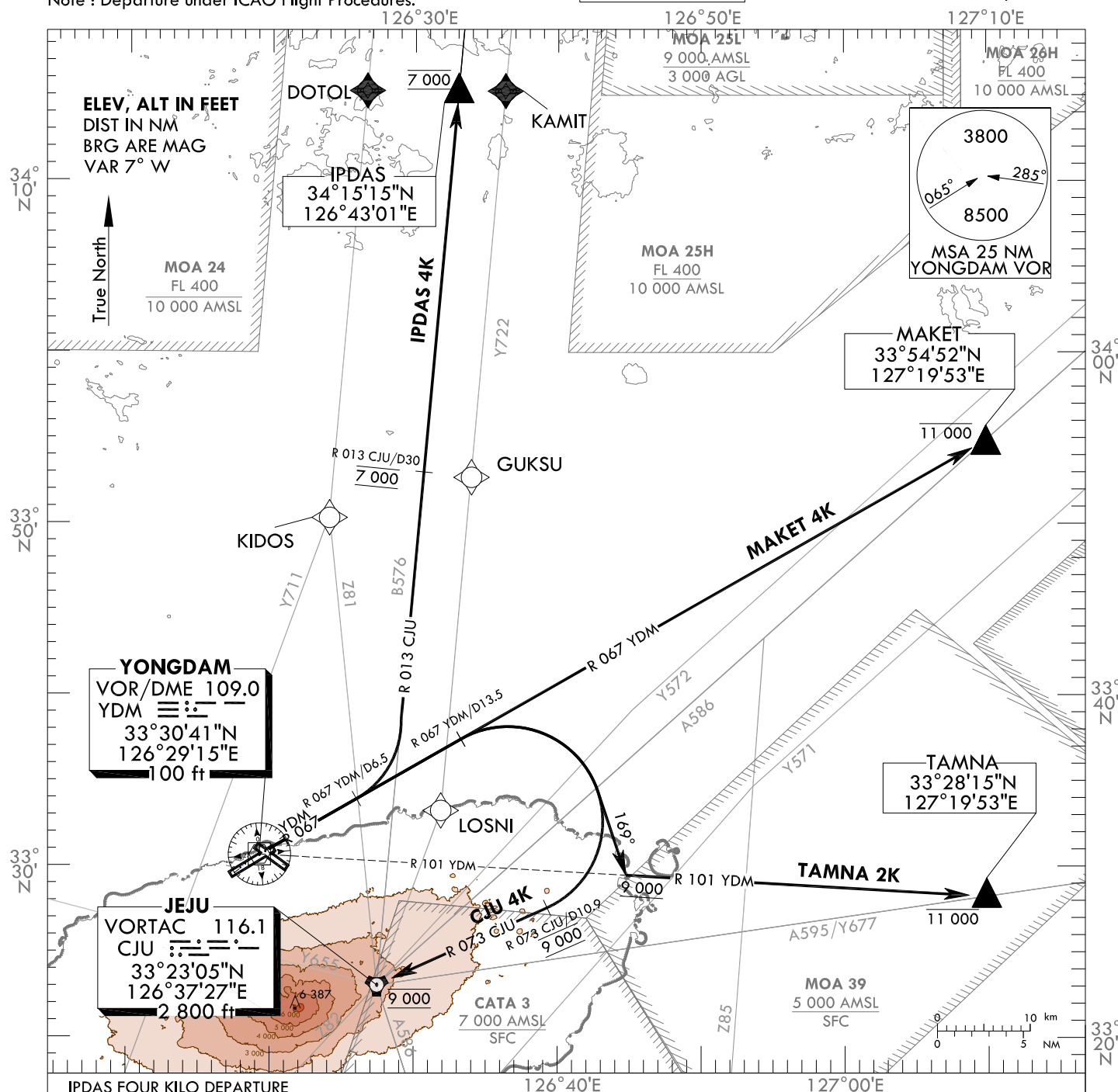
**STANDARD DEPARTURE CHART
INSTRUMENT(SID) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

JEJU DEP 119.225
121.2
JEJU TWR 118.55
118.2

JEJU/Jeju Intl(RKPC)
RWY 07
IPDAS 4K, MAKET 4K
TAMNA 2K, CJU 4K

Note : Departure under ICAO Flight Procedures.



Change : Establishment of Y571, Y572, Y655 and Information of reporting requirements for DOTOL, IPDAS, KAMIT, TAMNA.

INTENTIONALLY

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STANDARD DEPARTURE CHART INSTRUMENT(SID) - ICAO

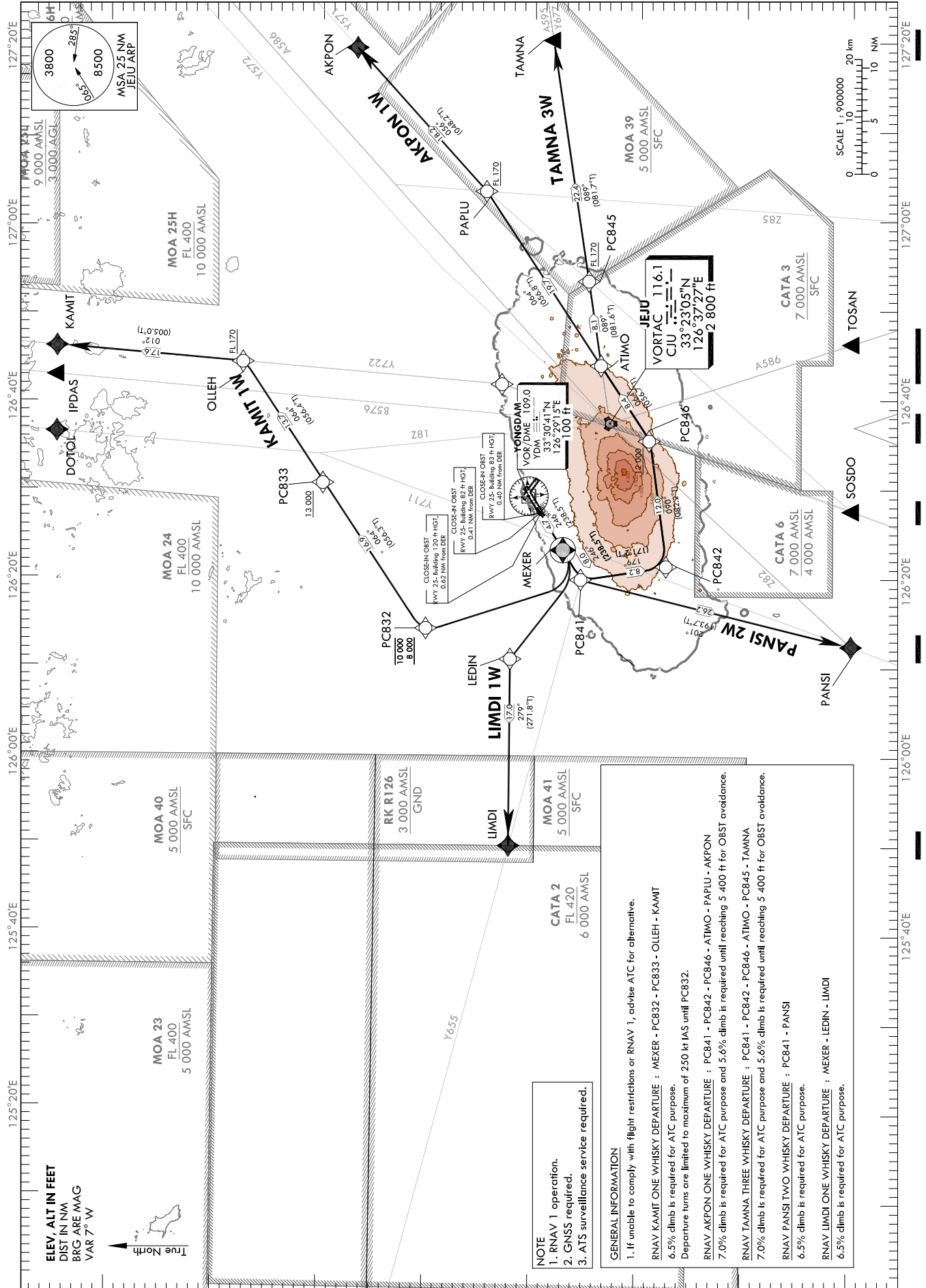
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TRANSITION LVL FL 140

JEJU DEP 119.225
JEJU TWR 121.2
118.55
118.2

JEJU/Jeju Intl(RKPC)

RWY 25
RNAV KAMIT 1W, RNAV AKPON 1W
RNAV TAMNA 3W, RNAV PANSI 2W
RNAV LIMDI 1W

Note : Departure under ICAO Flight Procedures.



Change : Information of reporting requirements for DOTOL, IPDAS, KAMIT, AKPON, TAMNA, LIMDI, PANSI, SOSDO and TOSAN.

JEJU/Jeju Intl(RKPC)

RWY 25

RNAV KAMIT 1W, RNAV AKPON 1W

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV KAMIT 1W

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	CF	MEXER	Y	246(238.5)	4.7	-	-	-250	33°27'28.0"N 126°23'12.0"E	-	RNAV 1	-
002	DF	PC832	-	-	-	R	-10 000 +8 000	-250	33°40'46.0"N 126°13'51.9"E	-	RNAV 1	-
003	TF	PC833	-	064(056.3)	16.9	-	+13 000	-	33°50'08.8"N 126°30'44.8"E	-	RNAV 1	-
004	TF	OLLEH	-	064(056.4)	13.7	-	+FL 170	-	33°57'42.2"N 126°44'26.5"E	-	RNAV 1	-
005	TF	KAMIT	-	012(005.0)	17.6	-	-	-	34°15'14.1"N 126°46'17.7"E	-	RNAV 1	-

RNAV AKPON 1W

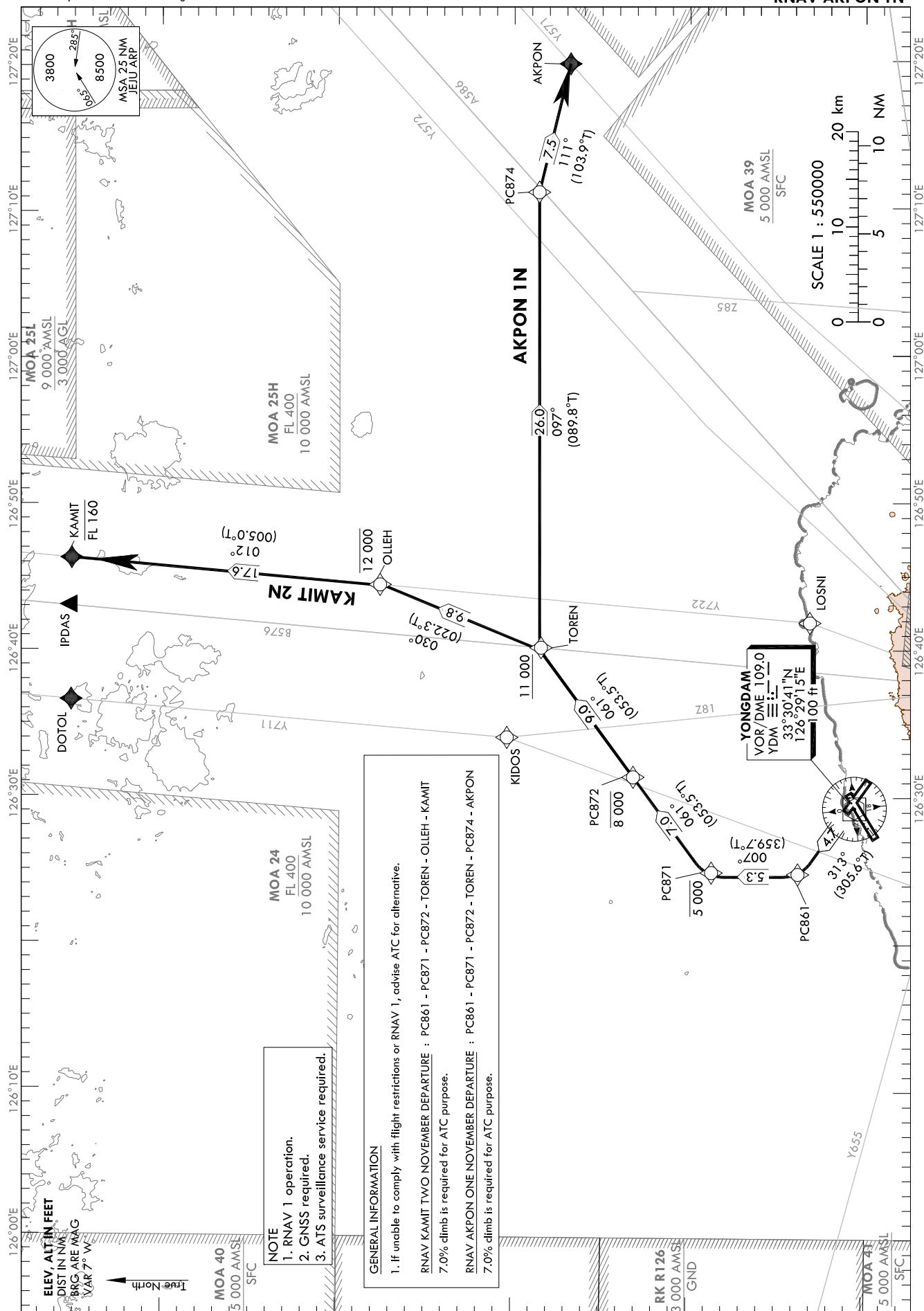
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	CF	PC841	-	246(238.5)	8.0	-	-	-	33°25'42.7"N 126°19'47.8"E	-	RNAV 1	-
002	TF	PC842	-	179(171.2)	8.2	-	-	-	33°17'38.3"N 126°21'17.3"E	-	RNAV 1	-
003	TF	PC846	-	090(082.2)	12.0	-	+12 000	-	33°19'15.6"N 126°35'28.6"E	-	RNAV 1	-
004	TF	ATIMO	-	064(056.7)	8.4	-	-	-	33°23'52.5"N 126°43'51.2"E	-	RNAV 1	-
005	TF	PAPLU	-	064(056.8)	19.7	-	+FL 170	-	33°34'41.3"N 127°03'36.5"E	-	RNAV 1	-
006	TF	AKPON	-	056(048.2)	18.2	-	-	-	33°46'49.6"N 127°19'53.0"E	-	RNAV 1	-

TRANSITION ALT 14 000
TRANSITION LVL FL 140

JEJU DEP	119.225
	121.2
JEJU TWR	118.55
	118.2

**JEJU/Jeju Intl(RKPC)
RWY 31
RNAV KAMIT 2N
RNAV AKPON 1N**

Note : Departure under ICAO Flight Procedures.



Change : Establishment of Y655 and Information of reporting requirements for DOTOL, IPDAS, KAMIT, AKPON.

JEJU/Jeju Intl(RKPC)
RWY 31

RNAV KAMIT 2N, RNAV AKPON 1N

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV KAMIT 2N

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	CF	PC861	-	313(305.6)	4.7	-	-	-	33°33'43.8"N 126°24'34.1"E	-	RNAV 1	-
002	TF	PC871	-	007(359.7)	5.3	-	-5 000	-	33°39'05.3"N 126°24'32.0"E	-	RNAV 1	-
003	TF	PC872	-	061(053.5)	7.0	-	-8 000	-	33°43'16.9"N 126°31'18.7"E	-	RNAV 1	-
004	TF	TOREN	-	061(053.5)	9.0	-	+11 000	-	33°48'36.8"N 126°39'57.7"E	-	RNAV 1	-
005	TF	OLLEH	-	030(022.3)	9.8	-	-12 000	-	33°57'42.2"N 126°44'26.5"E	-	RNAV 1	-
006	TF	KAMIT	-	012(005.0)	17.6	-	-FL 160	-	34°15'14.1"N 126°46'17.7"E	-	RNAV 1	-

RNAV AKPON 1N

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	CF	PC861	-	313(305.6)	4.7	-	-	-	33°33'43.8"N 126°24'34.1"E	-	RNAV 1	-
002	TF	PC871	-	007(359.7)	5.3	-	-5 000	-	33°39'05.3"N 126°24'32.0"E	-	RNAV 1	-
003	TF	PC872	-	061(053.5)	7.0	-	-8 000	-	33°43'16.9"N 126°31'18.7"E	-	RNAV 1	-
004	TF	TOREN	-	061(053.5)	9.0	-	+11 000	-	33°48'36.8"N 126°39'57.7"E	-	RNAV 1	-
005	TF	PC874	-	097(089.8)	26.0	-	-	-	33°48'38.0"N 127°11'08.8"E	-	RNAV 1	-
006	TF	AKPON	-	111(103.9)	7.5	-	-	-	33°46'49.6"N 127°19'53.0"E	-	RNAV 1	-

TRANSITION ALT 14 000
TRANSITION LVL FL 140

JEJU APP	121.2
	124.05
JEJU TWR	118.55
	118.2

JEJU/Jeju Intl(RKPC)
RWY 07
RNAV DOTOL 2P, RNAV UPGOS 1P
RNAV TAMNA 2P, RNAV TOSAN 2P
RNAV SOSDO 2P, RNAV LIMDI 1P

GENERAL INFORMATION

- From MANBA to YUMIN : All turns should be flown at 220 kt IAS(YUMIN : 210 kt IAS) and bank angle 25 degrees. If unable to comply with flight restriction, advise ATC.
- Maximum holding speed is 250 kt IAS at CIU, MANBA.
- Maximum holding speed is 230 kt IAS at YUMIN.

RNAV DOTOL TWO PAPA ARRIVAL : DOTOL - CHUJA - PC726 - BIROM - MANBA - PC621 - PC622 - PC623 - PC624 - PC625 - PC626 - DAKPI - PC628 - PIMIK - YUMIN
RNAV UPGOS ONE PAPA ARRIVAL : UPGOS - PC728 - PC721 - PC722 - BIROM - MANBA - PC621 - PC622 - PC623 - PC624 - PC625 - PC626 - DAKPI - PC628 - PIMIK - YUMIN
RNAV TAMNA TWO PAPA ARRIVAL : TAMNA - CIU - PC723 - PC724 - MANBA - PC621 - PC622 - PC623 - PC624 - PC625 - PC626 - DAKPI - PC628 - PIMIK - YUMIN
RNAV TOSAN TWO PAPA ARRIVAL : TOSAN - CIU - PC723 - PC724 - MANBA - PC621 - PC622 - PC623 - PC624 - PC625 - PC626 - DAKPI - PC628 - PIMIK - YUMIN
RNAV SOSDO TWO PAPA ARRIVAL : SOSDO - CIU - PC723 - PC724 - MANBA - PC621 - PC622 - PC623 - PC624 - PC625 - PC626 - DAKPI - PC628 - PIMIK - YUMIN
RNAV LIMDI ONE PAPA ARRIVAL : LIMDI - PC727 - PC725 - CIU - PC723 - PC724 - MANBA - PC621 - PC622 - PC623 - PC624 - PC625 - PC626 - DAKPI - PC628 - PIMIK - YUMIN

ELEV. ALT IN FEET
DIST IN NM
BRG ARE MAG
VAR 7° W

NOTE

- RNAV 1 operation.
- GNS required.
- ATS surveillance service required.

SCALE 1 : 900000

POINT MERGE PROCEDURES IN OPERATION, EXPECT CLEARANCE DIRECT TO YUMIN ONCE PAST MANBA .

YONGDAM
VOR/DME 109.0
YDM 33°30'41"N
126°29'15"E
100 ft

JEJU
VORTAC 116.1
CIU 33°23'05"N
126°37'27"E
2 800 ft

TAMNA 2P
FL 150
(112.7T)
12 000

TOSAN 2P
FL 150
(112.7T)
12 000

SOSDO 2P
FL 150
(112.7T)
12 000

LIMDI 1P
FL 140
(112.7T)
12 000

PANSI
FL 150
(112.7T)
12 000

CATA 2
FL 420
6 000 AMSL

DAKPI
FL 420
6 000 AMSL

MOA 41
SFC
5 000 AMSL

PC628
SFC
5 000 AMSL

PC626
FL 420
6 000 AMSL

PC625
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PC624
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PC623
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PC541
FL 420
6 0

AIRAC AIP AMDT 2/23
Effective : 1600UTC 22 MAR 2023

JEJU/Jeju Intl(RKPC)

RWY 07

RNAV DOTOL 2P, RNAV UPGOS 1P

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV DOTOL 2P										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH
001	IF	DOTOL	-	-	-	-	-	-	34°15'15.4"N 126°36'36.6"E	-
002	TF	CHUJA	-	193(184.9)	15.5	-	-	-	33°59'47.3"N 126°35'00.2"E	-
003	TF	PC726	-	226(219.0)	6.7	-	-9 000	-	33°54'32.2"N 126°29'54.4"E	-
004	TF	BIROM	-	226(218.9)	8.9	-	@7 000	-	33°47'33.9"N 126°23'09.8"E	-
005	TF	MANBA	-	226(218.9)	5.0	-	-	@220	33°43'39.9"N 126°19'24.0"E	-
006	TF	PC621	-	287(279.1)	5.0	-	-	@220	33°44'27.4"N 126°13'28.9"E	-
007	TF	PC622	-	270(262.2)	5.0	-	-	@220	33°43'46.4"N 126°07'32.6"E	-
008	TF	PC623	-	253(245.2)	5.0	-	-	@220	33°41'40.2"N 126°02'06.2"E	-
009	TF	PC624	-	236(228.2)	5.0	-	-	@220	33°38'19.9"N 125°57'38.2"E	-
010	TF	PC625	-	219(211.3)	5.0	-	-	@220	33°34'03.1"N 125°54'31.8"E	-
011	TF	PC626	-	202(194.3)	5.0	-	-	@220	33°29'11.9"N 125°53'02.9"E	-
012	TF	DAKPI	-	185(177.4)	5.0	-	-	@220	33°24'11.7"N 125°53'19.1"E	-
013	TF	PC628	-	168(160.5)	5.0	-	-	@220	33°19'28.4"N 125°55'18.5"E	-
014	TF	PIWIK	-	151(143.6)	5.0	-	@9 000	@220	33°15'26.4"N 125°58'50.7"E	-
015	TF	YUMIN	-	053(045.2)	17.0	-	+4 000	@210	33°27'25.7"N 126°13'15.5"E	-

RNAV UPGOS 1P										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH
001	IF	UPGOS	-	-	-	-	-	-	33°57'33.3"N 127°19'53.0"E	-
002	TF	PC728	-	265(257.3)	12.0	-	-	-	33°54'53.8"N 127°05'49.0"E	-
003	TF	PC721	-	278(270.1)	15.5	-	-	-	33°54'53.3"N 126°47'09.7"E	-
004	TF	PC722	-	257(250.0)	8.3	-	+13 000	-	33°52'02.9"N 126°37'48.9"E	-
005	TF	BIROM	-	257(249.9)	13.0	-	+10 000	-	33°47'33.9"N 126°23'09.8"E	-
006	TF	MANBA	-	226(218.9)	5.0	-	@9 000	@220	33°43'39.9"N 126°19'24.0"E	-
007	TF	PC621	-	287(279.1)	5.0	-	-	@220	33°44'27.4"N 126°13'28.9"E	-
008	TF	PC622	-	270(262.2)	5.0	-	-	@220	33°43'46.4"N 126°07'32.6"E	-
009	TF	PC623	-	253(245.2)	5.0	-	-	@220	33°41'40.2"N 126°02'06.2"E	-
010	TF	PC624	-	236(228.2)	5.0	-	-	@220	33°38'19.9"N 125°57'38.2"E	-
011	TF	PC625	-	219(211.3)	5.0	-	-	@220	33°34'03.1"N 125°54'31.8"E	-
012	TF	PC626	-	202(194.3)	5.0	-	-	@220	33°29'11.9"N 125°53'02.9"E	-
013	TF	DAKPI	-	185(177.4)	5.0	-	-	@220	33°24'11.7"N 125°53'19.1"E	-
014	TF	PC628	-	168(160.5)	5.0	-	-	@220	33°19'28.4"N 125°55'18.5"E	-
015	TF	PIWIK	-	151(143.6)	5.0	-	@9 000	@220	33°15'26.4"N 125°58'50.7"E	-
016	TF	YUMIN	-	053(045.2)	17.0	-	+4 000	@210	33°27'25.7"N 126°13'15.5"E	-

STANDARD ARRIVAL CHART
INSTRUMENT(STAR) - ICAO

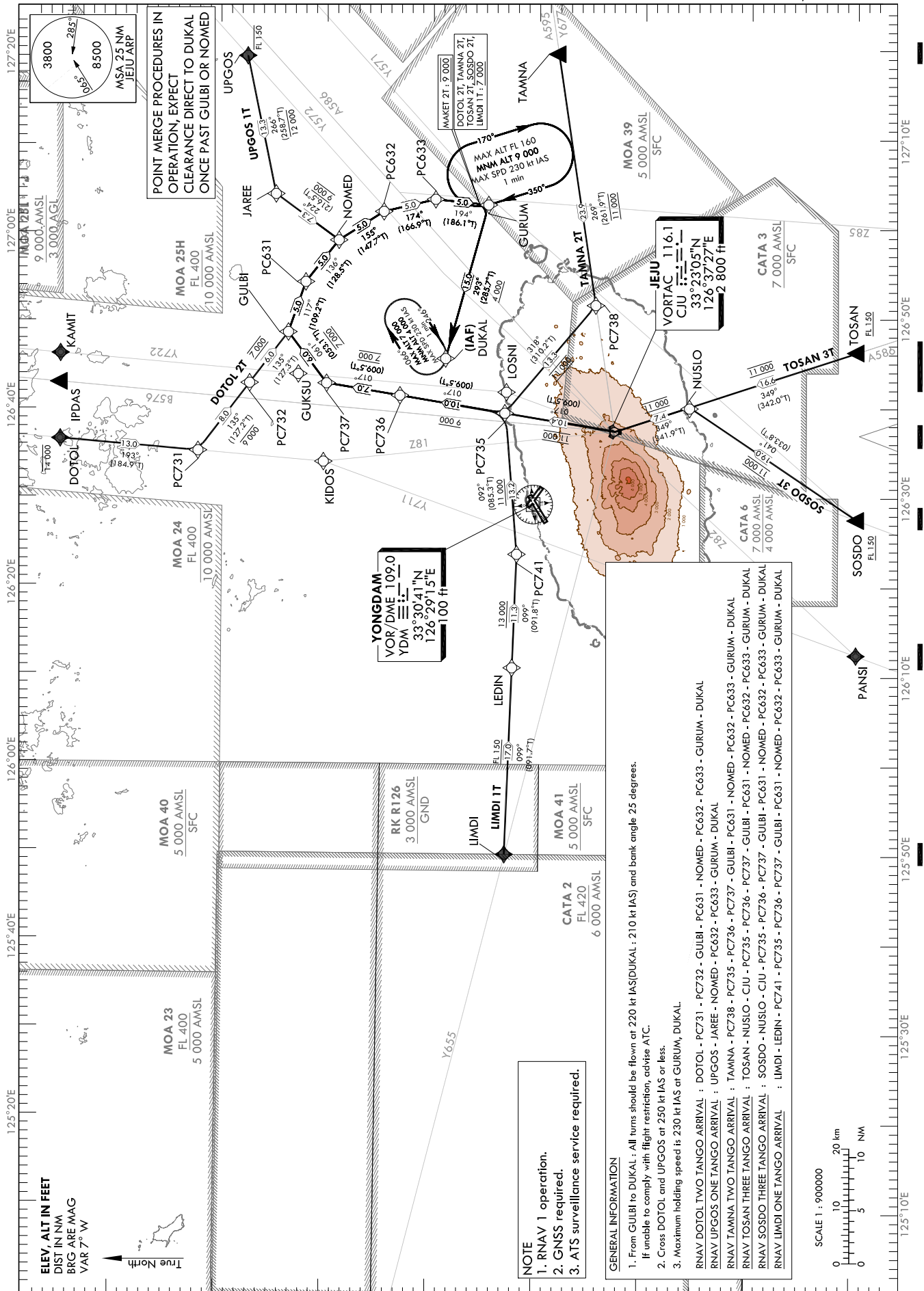
TRANSITION ALT 14 000
TRANSITION LVL FL 140

JEJU APP 121.2
124.05
JEJU TWR 118.55
118.2

JEJU/Jeju Intl(RKPC)

RWY 25
RNAV DOTOL 2T, RNAV UPGOS 1T
RNAV TAMNA 2T, RNAV TOSAN 3T
RNAV SOSDO 3T, RNAV LIMDI 1T

Note : Arrival under ICAO Flight Procedures.



Change : Information of reporting requirements for DOTOL, IPDAS, KAMIT, UPGOS, TAMNA, PANSI, SOSDO, TOSAN and LIMDI.

JEJU/Jeju Intl(RKPC)
RWY 25
RNAV DOTOL 2T, RNAV UPGOS 1T

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV DOTOL 2T

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	DOTOL	-	-	-	-	-14 000	-250	34°15'15.4"N 126°36'36.6"E	-	RNAV 1	-
002	TF	PC731	-	193(184.9)	13.0	-	-	-	34°02'17.0"N 126°35'15.7"E	-	RNAV 1	-
003	TF	PC732	-	135(127.2)	8.0	-	-9 000	-	33°57'26.0"N 126°42'55.3"E	-	RNAV 1	-
004	TF	GULBI	-	135(127.3)	6.0	-	@7 000	@220	33°53'47.5"N 126°48'39.5"E	-	RNAV 1	Bank angle 25°
005	TF	PC631	-	117(109.2)	5.0	-	-	@220	33°52'08.3"N 126°54'19.7"E	-	RNAV 1	Bank angle 25°
006	TF	NOMED	-	136(128.5)	5.0	-	-	@220	33°49'01.2"N 126°59'01.5"E	-	RNAV 1	Bank angle 25°
007	TF	PC632	-	155(147.7)	5.0	-	-	@220	33°44'47.1"N 127°02'13.7"E	-	RNAV 1	Bank angle 25°
008	TF	PC633	-	174(166.9)	5.0	-	-	@220	33°39'54.3"N 127°03'35.0"E	-	RNAV 1	Bank angle 25°
009	TF	GURUM	-	194(186.1)	5.0	-	@7 000	@220	33°34'55.5"N 127°02'56.6"E	-	RNAV 1	Bank angle 25°
010	TF	DUKAL	-	293(285.7)	15.0	-	+4 000	@210	33°38'58.6"N 126°45'38.8"E	-	RNAV 1	IAF

RNAV UPGOS 1T

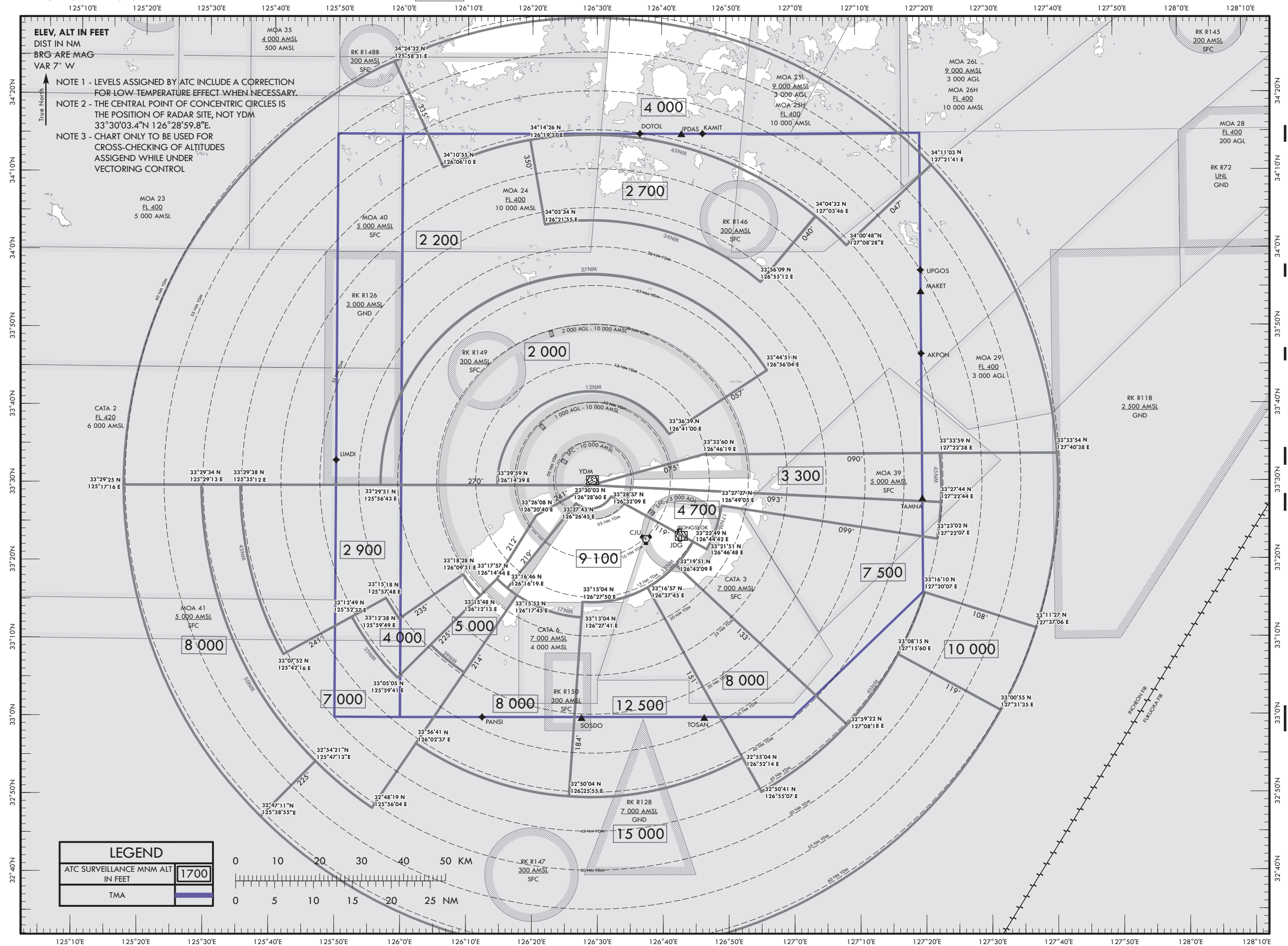
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	UPGOS	-	-	-	-	-FL 150	-250	33°57'33.3"N 127°19'53.0"E	-	RNAV 1	-
002	TF	JAREE	-	266(258.7)	13.3	-	-12 000	-	33°54'56.0"N 127°04'15.7"E	-	RNAV 1	-
003	TF	NOMED	-	224(216.5)	7.3	-	@9 000	@220	33°49'01.2"N 126°59'01.5"E	-	RNAV 1	Bank angle 25°
004	TF	PC632	-	155(147.7)	5.0	-	-	@220	33°44'47.1"N 127°02'13.7"E	-	RNAV 1	Bank angle 25°
005	TF	PC633	-	174(166.9)	5.0	-	-	@220	33°39'54.3"N 127°03'35.0"E	-	RNAV 1	Bank angle 25°
006	TF	GURUM	-	194(186.1)	5.0	-	@9 000	@220	33°34'55.5"N 127°02'56.6"E	-	RNAV 1	Bank angle 25°
007	TF	DUKAL	-	293(285.7)	15.0	-	+4 000	@210	33°38'58.6"N 126°45'38.8"E	-	RNAV 1	IAF

ATC SURVEILLANCE MINIMUM
ALTITUDE CHART - ICAO

AERODROME ELEV 36 m
TRANSITION ALT 14 000 ft

APP 121.2

JEJU/Jeju Intl(RKPC)



Change : Information of reporting requirements for significant points and Establishment of fix(LIMDI).

OFFICE OF CIVIL AVIATION

AIRAC AIP AMDT 2/23
Effective : 1600UTC 22 MAR 2023