

## ENR 5. NAVIGATION WARNING

### ENR 5.1 PROHIBITED, RESTRICTED AND DANGER AREAS

#### 1.1 PROHIBITED AREAS

Identification, name and lateral limits	Upper limit Lower limit (ft)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK P73</b> Area connecting the outlines of circles with a radius of 2 miles centered on center 1 and center 2 * Center 1 : 373209N 1265838E * Center 2 : 373232N 1265943E	UNL GND	Refer to ENR 1.2(Flight Procedures in the vicinity of RK P73, Air Control Procedures, etc.)  The commander of Capital Defence command.
<b>RK P518W</b> 380000N 1240900E - 380000N 1245100E - eastward along the Northern Limit line - 374255N 1260633E - 374213N 1260951E - 373900N 1261000E - 373000N 1255000E - 373000N 1243800E - to the beginning	UNL GND	Demilitarized zone  MCRC/FOC  VMC-IMC
<b>RK P518</b> The area between Demarcation and the line formed by the following point;  373900N 1261000E - 374300N 1264100E - 373800N 1265300E - 375800N 1274000E - 380400N 1283100E - 380800N 1283200E - 381200N 1283600E - to coast-line  <b>CIVIL CORRIDOR</b>  a. This corridor is operable 0700 thru 1200 UTC for weekdays and 0300 thru 1200 UTC for Saturday, Sunday and ROK holidays.  b. This corridor may be closed without prior coordination with ATC when DEFCON-III is declared or required by urgent military situation.  374100N 1264400E - 374200N 1265100E - 374500N 1270000E - 374300N 1270500E - 373000N 1273100E	UNL GND	Demilitarized zone  MCRC/FOC  VMC-IMC  Incheon Airport Instrument Flight Procedures Protected Area (S1) as follows :  374153N 1261628E - 374336N 1262933E - 374208N 1263410E - 373936N 1261436E - 374028N 1261446E - 374153N 1261628E  ALT : 1 600 ft - 6 000 ft AMSL  <b>Restriction</b> : Controlled IFR aircraft by Seoul Approach can only use this area. VFR aircraft do not use this area.
<b>PK P518E</b> 383800N 1282200E - 383800N 1283800E - 382200N 1284700E - 381600N 1283300E - northward along the eastern coast line to the beginning	UNL GND	Demilitarized zone  MCRC/FOC  VMC-IMC

Change : Information of RK P73.

1.2 RESTRICTED AREAS

Identification, name and lateral limits 1	Upper limit Lower limit (ft) 2	Remarks (time of activity, type of restriction, nature of hazard, risk of interception) 3
<b>RK R1 YONGMUN</b> 373114.0N 1272813.3E - 373212.1N 1273114.2E - 373042.1N 1273147.1E - 373042.1N 1272813.2E - to the beginning	<u>6 000</u> GND	Ground to ground high angle firing FROKA G-3 AIR Mon-Fri 2300-0800 UTC VMC-IMC
<b>RK R10 MAEBONG</b> 373800N 1274100E - 373900N 1274400E - 373700N 1274700E - 373200N 1274800E - 373200N 1274100E - to the beginning	<u>5 000</u> GND	Ground to ground high angle firing FROKA G-3 AIR Mon-Sat Cont VMC-IMC
<b>RK R14 PYEONGDONG</b> 350900N 1264200E - 350900N 1264400E - 350800N 1264600E - 350500N 1264500E - 350600N 1264100E - 350746.0N 1264117.6E - 350806.0N 1264056.7E - to the beginning	By NOTAM	Ground to ground firing ROKAF Kwangju App by NOTAM VMC-IMC
<b>RK R17 YEOJU</b> A circle radius 5 NM centered on 372010N 1273552E	<u>FL 150</u> GND	Air to ground firing ROKAF AFOC/DOT AOC Suwon AB Cont 2100-1500 UTC VMC-IMC
<b>RK R19 JOCHIWON</b> A circle radius 2 NM centered on 363640N 1271328E	<u>3 400</u> GND	Ground to ground high angle firing SROKA G-3AIR by NOTAM VMC-IMC
<b>RK R20 BOEUN</b> A circle radius 2 NM centered on 362836N 1274700E	<u>5 000</u> GND	Ground to ground high angle firing SROKA G-3AIR by NOTAM VMC-IMC
<b>RK R21 EONYANG</b> A circle radius 2 NM centered on 353118N 1290430E	<u>5 000</u> GND	Ground to ground high angle firing SROKA G-3AIR by NOTAM VMC-IMC
<b>RK R35 MAESANRI</b> A circle radius 2 NM centered on 372138N 1271523E	<u>2 500</u> GND	High density PARA DROP training ROKA SWC/DO Cont VMC-IMC
<b>RK R72 YOKJIDO</b> 340941N 1280000E - 341801N 1281127E - 341800N 1283500E - 342012N 1283514E - 340913N 1284311E - 340000N 1283500E - 340000N 1280000E - to the beginning	<u>UNL</u> GND	Surface to surface, Surface to air and Air to surface firing ROKN 3rd Fleet/DO by NOTAM VMC-IMC
<b>RK R74 DONG-HAE-NAM-BU</b> 365200N 1300000E - 365000N 1301300E - 364400N 1302500E - 360200N 1302500E - 360200N 1300000E - to the beginning	<u>FL 500</u> GND	Air to air firing ROKAF AFOC/DOT Cont VMC  Exclude A586/Y579 ATS routes area during it's operational hours* * Refer to ENR 3.1-2(A586) & 3.2-4(Y579)

Identification, name and lateral limits	Upper limit Lower limit (ft)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK R75</b> 373949N 1264824E - 373752N 1264813E - 373701N 1264754E - 373530N 1264817E - 373409N 1264824E - 372653N 1265722E - 372653N 1270338E - 373233N 1270647E - 373447N 1270930E - 373656N 1270830E - 373827N 1270800E - 374033N 1270513E - 374136N 1270317E - 374200N 1270140E - 373758N 1265259E - to the beginning	10 000 AMSL SFC	Ministry of National Defense (MCRC : Master Control Reporting Center/CDC AOC : Capital Defense Command AOC) Refer to AIP ENR 5.1-12 (R75 Restricted Area Flight Procedures)
<b>RK R77 MACHAJIN</b> 383300N 1282400E - 383400N 1283100E - 383200N 1283200E - 383000N 1283100E - 383100N 1282400E - to the beginning	FL 150 GND	Ground to ground high angle firing FROKA/G-3 Air by NOTAM VMC-IMC
<b>RK R80 SEO-HAE-JUNG-BU</b> 363458N 1244119E - 363500N 1253600E - 360501N 1253604E - 360458N 1244123E - To the beginning	FL 400 GND	Air to air firing ROKAF AFOC/DOT Cont VMC
<b>RK R81 NAKDONG</b> A circle radius 5 NM centered on 362410N 1281651E	FL 220 SFC	Air to ground firing ROKAF AFOC/DOT Cont 2100-1400UTC VMC
<b>RK R84 SEO-HAE-NAM-BU</b> 351500N 1244128E - 351501N 1253610E - 345000N 1253612E - 345000N 1244131E - to the beginning	FL 400 GND	Air to air firing ROKAF AFOC/DOT Cont VMC
<b>RK R88 SEO-HAE-BUK-BU</b> 370421N 1245000E - 370508N 1253600E - 363500N 1253600E - 363500N 1245000E - to the beginning	FL 400 GND	Air to air firing ROKAF AFOC/DOT Cont VMC
<b>RK R89 OCHON</b> 355610.9N 1292051.7E - 355710.9N 1292351.7E - 355710.9N 1292551.7E - 355210.9N 1291951.7E - to the beginning	1 000 GND	Ground to ground firing ROKMC 1st DIV Cont VMC-IMC
<b>RK R90A SUSONG-A</b> 355536.9N 1292547.6E - 355521.9N 1292717.6E - 355325.9N 1293116.6E - 355310.9N 1293101.6E - 355340.9N 1292826.7E - 355330.9N 1292634.7E - to the beginning	2 000 GND	Ground to ground firing ROKMC 1st DIV Cont VMC-IMC
<b>RK R90B SUSONG-B</b> 355330.9N 1292634.7E - 355340.9N 1292826.7E - 355310.9N 1293101.6E - 355036.9N 1292945.6E - 355012.9N 1292745.6E - to the beginning	5 500 GND	Ground to ground and Air to ground firing ROKMC 1st DIV Cont VMC-IMC

Identification, name and lateral limits	Upper limit Lower limit (ft)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK R97A CHEOLMAE-A</b> 362000N 1263100E - 361800N 1263500E - 360200N 1262400E - 361300N 1261100E - to the beginning	FL 300 GND	Surface to air firing MCRC/Gunsan APP by NOTAM VMC-IMC
<b>RK R97B CHEOLMAE-B</b> 362000N 1255700E - 362000N 1261000E - 362207.5N 1261443.7E - 362122.5N 1263007.6E - 361400N 1263800E - 355300N 1262200E - 361200N 1260300E - 361400N 1255700E - to the beginning	UNL GND	Surface to air firing MCRC/Gunsan APP by NOTAM VMC-IMC
<b>RK R97C CHEOLMAE-C</b> 362129.5N 1262254.6E - 362122.5N 1263007.6E - 361400N 1263800E - 354100N 1254400E - 355100N 1253500E - to the beginning	UNL GND	Surface to air firing MCRC/Gunsan APP by NOTAM VMC-IMC
<b>RK R97D CHEOLMAE-D</b> 362117.5N 1262443.7E - 362122.5N 1263007.6E - 361400N 1263800E - 353500N 1260600E - 354200N 1255200E - to the beginning	UNL GND	Surface to air firing MCRC/Gunsan APP by NOTAM VMC-IMC
<b>RK R97E CHEOLMAE-E</b> 361839N 1263302E - 361400N 1263800E - 360623N 1263211E - 361349N 1262500E - to the beginning	FL 300 SFC	Surface to air firing MCRC by NOTAM VMC-IMC
<b>RK R97F CHEOLMAE-F</b> 344104N 1284327E - 344606N 1285031E - 344644N 1285338E - 343347N 1290321E - 340913N 1284311E - 342012N 1283514E - to the beginning	FL 150 SFC	Surface to air firing MCRC by NOTAM VMC-IMC
<b>RK R99 GEOJEDO</b> 344104N 1284327E - 344606N 1285031E - 344644N 1285338E - 343347N 1290321E - 340913N 1284311E - 342012N 1283514E - to the beginning	FL 360 GND	Surface to surface, Surface to air and Air to surface firing ROK fleet by NOTAM
<b>RK R100 NAMHYONGJEDO</b> A Circle 4 NM in diameter centered at Namhyongje Do (3453N 12857E)	500 GND	Surface to surface ROK fleet cont
<b>RK R104 MIYEODO</b> A circle radius 5 NM centered on 353251N 1262626E	FL 150 GND	Air to ground firing Gwangju APP by NOTAM VMC
<b>RK R105 JIKDO</b> A circle radius 10 NM centered on 355326N 1260436E	FL 400 GND	Air to ground firing ROKAF/Osan AB by NOTAM VMC
<b>RK R107 DONG-HAE-BUK-BU</b> 381500N 1295100E - 381400N 1301000E - 374700N 1301000E - 374800N 1295100E - to the beginning	FL 400 GND	Air to air firing Gangneung APP Mon-Sat 2300-0800 UTC VMC

Change : Information of lateral limits for RK R99.

Identification, name and lateral limits	Upper limit Lower limit (ft)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK R108A ANHEUNG-A</b> 364046.3N 1260916.7E - 364036.3N 1261158.7E - 363308.4N 1261349.7E - 363258.4N 1260904.7E - to the beginning	<u>FL 270</u> GND	Surface to surface high angle firing and surface to air firing Mangilsan CRC Mangilsan/Osan APP by NOTAM VMC-IMC
<b>RK R108B ANHEUNG-B</b> 364046.3N 1260916.7E - 364036.3N 1261158.7E - 362925.4N 1261501.7E - 362810.4N 1260728.7E - to the beginning	<u>FL 330</u> GND	Ground to ground firing ROKAF/CRC Mangilsan/Osan APP by NOTAM VMC-IMC
<b>RK R108C ANHEUNG-C</b> 364038.3N 1261023.7E - 363410.4N 1261752.6E - 345824.1N 1260307.9E - 350119.0N 1254250.0E - 363810.3N 1255952.8E - to the beginning	<u>UNL</u> GND	Surface to surface high angle firing and surface to air firing Mangilsan CRC Mangilsan/Osan APP by NOTAM VMC-IMC
<b>RK R108D ANHEUNG-D</b> 364046.3N 1260916.7E - 364036.3N 1261152.7E - 362140.5N 1260907.7E - 362310.5N 1260022.8E - to the beginning	<u>UNL</u> GND	Surface to surface high angle firing and surface to air firing Mangilsan CRC Mangilsan/Osan APP by NOTAM VMC-IMC
<b>RK R108E ANHEUNG-E</b> 364039.3N 1261003.7E - 364111.3N 1261159.7E - 363657.4N 1261554.7E - 363336.4N 1261554.7E - 363334.4N 1261342.7E - to the beginning	<u>FL 400</u> GND	Surface to surface high angle firing and surface to air firing Mangilsan CRC Mangilsan/Osan APP by NOTAM VMC-IMC
<b>RK R108F ANHEUNG-F</b> 364046.3N 1260916.7E - 364036.3N 1261152.7E - 361719.5N 1260032.8E - 361810.5N 1255637.8E - to the beginning	<u>FL 800</u> GND	Ground to ground high angle firing Mangilsan CRC Mangilsan/Osan APP by NOTAM VMC-IMC
<b>RK R110 PILSEUNG</b> 3713N 12841E - 3713N 12903E - 3655N 12903E - 3655N 12841E - to the beginning	<u>FL 400</u> GND	Air to ground firing ROKAF AFOC/DOT CONT 2200-1300
<b>RK R111 UNGCHON</b> 361407N 1262500E - 361426N 1263858E - 360916N 1263908E - 360625N 1263817E - 360607N 1262515E - to the beginning	<u>FL 250</u> GND	Air to surface firing MCRC/Gunsan APP CONT VMC
<b>RK R114 BISEUNG</b> 373420N 1274707E - 373420N 1275142E- 373335N 1275232E - 373150N 1275212E- 373100N 1274942E - 373200N 1274812E- to the beginning.	<u>3 000</u> GND	Air to surface firing ROKA Command/DO MON-SAT HJ VMC
<b>RK R115 DONGHAE</b> 372400N 1294500E - 371330N 1310000E - 364900N 1310000E - to the beginning	<u>FL 380</u> GND	Surface to surface firing ROKN 3rd Fleet/DO CONT VMC-IMC  Exclude A586/Y579 ATS routes area during it's operational hours* * Refer to ENR 3.1-2(A586) & 3.2-4(Y579)
<b>RK R116 DAECHONGDO</b> A circle radius 4 NM centered on 374755N 1243933E	<u>2 500</u> GND	Surface to surface firing ROKN 2nd Fleet by NOTAM VMC-IMC

Change : Information of reference page for RK R115(3.3-9 → 3.2-4).

Identification, name and lateral limits	Upper limit Lower limit (ft)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK R117 JAEUNDO</b> A circle radius 5 NM centered on 344230N 1254400E	<u>3 000</u> GND	Surface to surface firing ROKN 3rd Fleet by NOTAM VMC-IMC
<b>RK R118 JEJU</b> 340000N 1274000E - 340000N 1283000E - 331000N 1275000E - 331000N 1274000E - to the beginning	<u>2 500</u> GND	Surface to surface firing ROKN 3rd Fleet by NOTAM VMC-IMC
<b>RK R119 ULSAN</b> 354700N 1294005E - 354300N 1301212E - 353736N 1301212E - 352756N 1295148E - 352800N 1294005E - to the beginning	<u>2 500</u> GND	Surface to surface firing ROKN 3rd Fleet By NOTAM VMC-IMC
<b>RK R120 DONG-HAE-DONG-BU</b> 364400N 1302500E - 362500N 1305500E - 361700N 1305500E - 360200N 1302900E - 360200N 1302500E - to the beginning	<u>FL 380</u> GND	Surface to surface high angle firing and surface to air firing ROKN 1st Fleet by NOTAM VMC-IMC  Exclude A586/Y579 ATS routes area during it's operational hours* * Refer to ENR 3.1-2(A586) & 3.2-4(Y579)
<b>RK R121 SOKCHO</b> 382500N 1284500E - 382500N 1293000E - 381000N 1293000E - 381000N 1290000E - 381700N 1290000E - 381700N 1284500E - to the beginning	<u>2 500</u> GND	Surface to surface firing ROKN 1st Fleet by NOTAM VMC-IMC
<b>RK R122 CHEONDUKBONG</b> 372215.1N 1272641.2E - 372202.1N 1272823.2E - 371919.1N 1272543.2E - 372005.1N 1272445.2E - to the beginning	<u>3 700</u> GND	Surface to surface high angle firing TROKA G-3Air 2300-1100(MON-FRI) 2300-0300(SAT) VMC-IMC
<b>RK R123 EOCHUNGDO</b> 360000N 1250000E - 360000N 1253000E - 353500N 1253000E - 353500N 1250000E - to the beginning	<u>3 700</u> GND	Surface to surface high angle firing ROKN 2nd Fleet/DO by NOTAM VMC
<b>RK R124 DEOKJUKDO</b> 370600N 1254200E - 370600N 1261000E - 365500N 1255700E - 365500N 1254200E - to the beginning	<u>2 500</u> GND	Surface to surface high angle firing ROKN 2nd Fleet/DO by NOTAM VMC
<b>RK R125 HEUKSANDO</b> A circle radius 5 NM centered on 343300N 1252100E	<u>3 500</u> GND	Surface to surface high angle firing ROKN 2nd Fleet/DO by NOTAM VMC
<b>RK R126 CHUJADO</b> 340000N 1254800E - 340000N 1260000E - 333000N 1260000E - 333000N 1254800E - to the beginning	<u>3 000</u> GND	Surface to surface high angle firing ROKN 3rd Fleet/DO 0100-1300 on (MON-SAT), by NOTAM VMC
<b>RK R127 BEOLGYO</b> A circle radius 0.75 NM centered on 345326N 1271825E	<u>3 000</u> GND	Surface to surface high angle firing SROKA/G-3Air by NOTAM VMC
<b>RK R128 SEOGUIPO</b> 330000N 1263700E - 324000N 1264500E - 324000N 1262800E - to the beginning	<u>7 000</u> GND	Surface to surface high angle firing ROKN 3rd Fleet/DO by NOTAM VMC

Change : Information of reference page for RK R120(3.3-9 → 3.2-4).

Identification, name and lateral limits	Upper limit Lower limit (ft)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK R129 SURYUNSAN</b> 352059N 1264007E - 352124N 1264119E - 352105N 1264233E - 351649N 1264240E - 351720N 1264120E - to the beginning	<u>3 500</u> GND	Surface to surface high angle firing ROKA Artillery School by NOTAM VMC
<b>RK R131 BAENGNYEONG</b> 375900N 1240410E - 375900N 1243810E - 375921N 1244230E - 375400N 1244230E - 375400N 1243810E - 375400N 1240410E - to the beginning	<u>5 000</u> SFC	Surface to surface high angle firing ROKMC/6th Brig/DO by NOTAM VMC
<b>RK R132 DAECHONGDO EAST</b> 375700N 1244100E - 375700N 1244400E - 374500N 1245000E - 374500N 1244700E - to the beginning	<u>10 000</u> GND	Surface to surface high angle firing ROKMC by NOTAM
<b>RK R133 CHOCHIDO</b> A circle radius 2 NM centered on 372220N 1261135E	<u>500</u> GND	Surface to surface firing ROKN/Incheon Naval Sector Defense Commander by NOTAM VMC
<b>RK R134 YEONPYONGDO</b> 373840N 1244500E - 374200N 1244500E - 374200N 1245600E - 373730N 1250130E - 373400N 1251445E - 374000N 1253200E - 374100N 1253930E - 374100N 1254140E - 373720N 1254140E - 373720N 1253900E - 373045N 1252400E - 372600N 1252400E - 372600N 1250400E - 373215N 1244800E - to the beginning	<u>5 000</u> GND	Surface to surface high angle firing ROK Fleet by NOTAM VMC
<b>RK R135 GISAMUN</b> 380930N 1290400E - 380600N 1285745E - 373330N 1292415E - 373700N 1293020E - to the beginning	<u>500</u> GND	Surface to subsurface firing ROKN/1st Fleet by NOTAM VMC
<b>RK R136 SAMCHEOK</b> 372500N 1293045E - 372810N 1293700E - 370630N 1294710E - 370430N 1294000E - to the beginning	<u>500</u> GND	Surface to subsurface firing ROKN/1st Fleet by NOTAM VMC
<b>RK R137 WOODO</b> 373827N 1255527E - 373823N 1260021E - 373623N 1260019E - 373622N 1255524E - to the beginning	<u>5 000 AMSL</u> SFC	Surface to air firing and surface to surface ROKMC by NOTAM VMC
<b>RK R138 DAECHON</b> A circle radius 0.7 NM centered on 362011N 1263153E	<u>4 400</u> SFC	Electronic jamming area (An area where electronic devices of ACFT are jammed when in close proximity to or entering this area) ROKAF-Air defence artillery command Continuous
<b>RK R139 JINCHEON</b> A circle radius 0.7 NM centered on 365026N 1272425E	<u>5 400</u> GND	Electronic jamming area (An area where electronic devices of ACFT are jammed when in close proximity to or entering this area) ROKAF-Air defence artillery command Continuous
<b>RK R140 Sokcho KCG</b> A circle radius 4 NM centered on 380900N 1285100E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC

Identification, name and lateral limits	Upper limit Lower limit (ft)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK R141 Donghae KCG</b> 374005N 1311200E - 374005N 1312500E - 373005N 1312500E - 373005N 1311200E - to the beginning	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R142A Pohang KCG A</b> A circle radius 2 NM centered on 370800N 1293400E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface and low angle firing to the NE K.C.G by NOTAM VMC
<b>RK R142B Pohang KCG B</b> A circle radius 5 NM centered on 362000N 1295000E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R142C Pohang KCG C</b> A circle radius 5 NM centered on 360500N 1294500E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R155A SEONGJU</b> A circle radius 1.5 NM centered on 360243N 1281333E	<u>9 500 AMSL</u> SFC	USARMY (Control and Reporting Center(CRC), Cobra Operations, Air Defense Artillery Officer) TEL DSN (315) 784-2729, COM +82 050334-2729 CONT
<b>RK R155B SEONGJU</b> A Semicircle, 360118N 1281017E - A clockwise 3 NM arc centered on 360243N 1281333E - 360408N 1281649E - to the beginning, excluding R155A	<u>FL 196</u> SFC	USARMY (Control and Reporting Center(CRC), Cobra Operations, Air Defense Artillery Officer) TEL DSN (315) 784-2729, COM +82 050334-2729 by NOTAM(THIS NOTAM APPLIES ONLY TO THE MIL ACFT EQUIPPED WITH EED(ELECTRO EXPLOSIVE DEVICE))
<b>RK R156 JUMUNJIN</b> 381400N 1290000E - 381400N 1294600E - 374800N 1294600E - 374800N 1293800E - 381000N 1291900E - 381000N 1290000E - to the beginning	<u>3 500 AMSL</u> SFC	Surface to surface, surface to air firing ROKN 1st Fleet By NOTAM VMC-IMC
<b>RK R157 JANGSAN</b> A circle radius 0.7 NM centered on 351202N 1290903E	<u>6 000 AMSL</u> SFC	Electronic jamming area (An area where electronic devices of ACFT are jammed when in close proximity to or entering this area) ROKAF-Air defence artillery command CONT
<b>RK R158 JONJAE</b> A circle radius 0.7 NM centered on 345116N 1271347E	<u>6 400 AMSL</u> SFC	Electronic jamming area (An area where electronic devices of ACFT are jammed when in close proximity to or entering this area) ROKAF-Air defence artillery command CONT

Change : Establishment of RK R157 and R158(JANGSAN, JONJAE).



Identification, name and lateral limits	Upper limit Lower limit (ft)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK R143 Busan KCG</b> 350710N 1291700E - 350425N 1292040E - 345820N 1291410E - 350110N 1291025E - to the beginning	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R144 Tongyeong KCG</b> A circle radius 4 NM Centered on 343900N 1282600E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R145 Yeosu KCG</b> A circle radius 5 NM Centered on 342956N 1280452E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R146 Wando KCG</b> A circle radius 5 NM Centered on 340411N 1265153E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R147 Seogwipo KCG</b> A circle radius 6 NM Centered on 324000N 1262000E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R148A Mokpo KCG A</b> A circle radius 2.5 NM Centered on 344534N 1261324E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R148B Mokpo KCG B</b> A circle radius 4 NM Centered on 342511N 1255453E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R149 Jeju KCG</b> A circle radius 5 NM Centered on 334445N 1261300E	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R150 Seogwipo KCG Buk-Bu</b> 330830N 1262200E - 330830N 1262900E - 325830N 1262900E - 325830N 1262200E - to the beginning	<u>300 AMSL</u> SFC	Sunrise to sunset, surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R151A Gunsan</b> 355000N 1261850E - 355000N 1262000E - 354500N 1262000E - 354500N 1261500E - to the beginning	<u>100 AMSL</u> SFC	Sunrise to sunset, Surface to surface low angle firing K.C.G by NOTAM VMC
<b>RK R152 GOESAN</b> A circle radius 2 NM centered on 365225N 1274819E	<u>2 100 AMSL</u> SFC	Paradrop training area ROK SWC (The 13th Special Forces Brigade) Day and night VMC By NOTAM
<b>RK R153 DAECHONGDO SEOBUI</b> 374455N 1240510E - 374455N 1243640E - 373010N 1243640E - 373014N 1240510E - to the beginning	<u>3 000 AMSL</u> SFC	ROKN by NOTAM VMC
<b>RK R154 YEONPYONGDO NAMBU</b> 374146N 1254312E - 373933N 1254203E - 373517N 1255412E - 373747N 1255510E - to the beginning	<u>3 000 AMSL</u> SFC	ROKN by NOTAM VMC

### 1.3 DANGER AREAS

Identification, name and lateral limits	Upper limit Lower limit (ft)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK D1 GORI</b> A circle radius 2 NM centered on 351900N 1291800E	10 000 AGL GND	Ministry of Trade, Industry and Energy Cont VMC-IMC
<b>RK D2 WOLSEONG</b> A circle radius 2 NM centered on 354200N 1292800E	10 000 AGL GND	Ministry of Trade, Industry and Energy Cont VMC-IMC
<b>RK D5 WANJU</b> A circle radius 1 NM centered on 354250N 1271245E	3 000 AGL GND	Ground to ground firing Republic of Korea Army Mon-Fri 0200-0300, 0600-0700 UTC VMC-IMC
<b>RK D6 YEONGDONG</b> A circle radius 1.7 NM Centered on 360908N 1274353E	3 000 AGL GND	Ground to ground firing, Republic of Korean Army Cont VMC-IMC
<b>RK D7 HANBIT</b> A circle radius 2 NM centered on 352429N 1262429E	10 000 AGL GND	Ministry of Trade, Industry and Energy Cont VMC-IMC
<b>RK D8 HANUL</b> A circle radius 2 NM centered on 370600N 1292300E	8 000 AGL GND	Ministry of Trade, Industry and Energy Cont VMC-IMC
<b>RK D9 YEONGCHEON</b> A circle radius 1 NM centered on 355739N 1285836E	3 000 AGL GND	Ammunition disposal Republic of Korea Army Mon-Fri 0200-0300, 0600-0700 UTC VMC-IMC
<b>RK D13 SEONGHWAN</b> A circle radius 1.1 NM Centered on 365535N 1270943E	3 000 AGL GND	Ground to ground firing Republic of Korea Army Cont VMC-IMC
<b>RK D14 JAECHON</b> A circle radius 1.8 NM Centered on 370605N 1281449E	3 000 AGL GND	Ground to ground firing Republic of Korea Army Cont VMC-IMC
<b>RK D15 JEONUI</b> A circle radius 1.4 NM Centered on 363931N 1270954E	3 000 AGL GND	Ground to ground firing Republic of Korea Army Cont VMC-IMC
<b>RK D16 JANGDONG</b> A circle radius 1 NM Centered on 362516N 1272638E	2 000 AGL GND	Ground to ground firing Republic of Korea Army Cont VMC-IMC

Change : Amended phrase(362516E → 362516N).

Identification, name and lateral limits	Upper limit Lower limit (FT)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK D17 IMSIL</b> A Circle Radius 2NM Centered on 353947N 1271515E	<u>3 000 AGL</u> GND	Ground to ground firing Republic of Korean Army Cont VMC-IMC
<b>RK D18 HAKSAN</b> A Circle Radius 1NM Centered on 360415N 1274226E	<u>3 000 AGL</u> GND	Ammunition disposal Republic of Korean Army MON-FRI 0200-0300, 0600-0700 UTC VMC-IMC
<b>RK D19 JUDEOK</b> A Circle Radius 1.3NM Centered on 365828N 1274446E	<u>1 000 AGL</u> GND	Ground to ground firing Republic of Korean Army Cont VMC-IMC
<b>RK D20 GUUI</b> A circle radius 0.2NM centered on 373208N 1270547E	<u>1 600 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D21 JAYANG</b> A circle radius 0.3NM centered on 373215N 1270422E	<u>1 700 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D22 SAMSEONG</b> 373121N 1270333E - 373107N 1270354E - 373044N 1270359E - 373004N 1270318E - 373020N 1270258E - 373052N 1270329E - 373104N 1270314E - to the beginning	<u>1 800 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D23 DOGOK</b> 372924N 1270317E - 372918N 1270321E - 372909N 1270306E - 372917N 1270301E - to the beginning	<u>1 900 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D24 YEOKSAM</b> 373019N 1270215E - 373002N 1270236E - 372937N 1270134E - 372954N 1270127E - to the beginning	<u>1 700 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D25 SEOCHO</b> A circle radius 0.3NM centered on 372900N 1270100E	<u>1 500 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D26 SINDAEBANG</b> A circle radius 0.3NM centered on 372928N 1265528E	<u>1 600 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D27 YEOUI</b> 373143N 1265547E - 373111N 1265629E - 373103N 1265623E - 373108N 1265515E - 373118N 1265502E - to the beginning	<u>1 900 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D28 SINDORIM</b> A circle radius 0.3NM centered on 373029N 1265327E	<u>1 700 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D29 MULLAE</b> 373118N 1265403E - 373102N 1265422E - 373054N 1265411E - 373110N 1265351E - to the beginning	<u>1 600 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D30 MOKDONG</b> A circle radius 0.4NM centered on 373138N 1265228E	<u>1 900 AGL</u> GND	Ministry of land, Infrastructure and Transport Cont VMC-IMC

Identification, name and lateral limits	Upper limit Lower limit (FT)	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK D31 GUPO</b> A circle radius 0.3NM centered on 351230N 1285958E	$\frac{1\ 600\ \text{AGL}}{\text{GND}}$	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D32 DONGNAE</b> 351339N 1290459E - 351325N 1290533E - 351236N 1290506E - 351252N 1290427E - to the beginning	$\frac{1\ 600\ \text{AGL}}{\text{GND}}$	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D33 YEONJE</b> A circle radius 0.3NM centered on 351029N 1290501E	$\frac{1\ 500\ \text{AGL}}{\text{GND}}$	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D34 SUYEONG</b> A circle radius 0.3NM centered on 350825N 1290624E	$\frac{1\ 600\ \text{AGL}}{\text{GND}}$	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D35 SEOMYEON</b> 350926N 1290254E - 350950N 1290329E - 350849N 1290426E - 350825N 1290351E - to the beginning	$\frac{2\ 000\ \text{AGL}}{\text{GND}}$	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D36 HAEUNDAE</b> 351043N 1290638E - 351112N 1290715E - 350932N 1290943E - 350849N 1290842E - to the beginning	$\frac{2\ 000\ \text{AGL}}{\text{GND}}$	Ministry of land, Infrastructure and Transport Cont VMC-IMC
<b>RK D37 MOONTEN</b> 351015N 1291058E - 350936N 1291014E - 350913N 1291045E - 350952N 1291128E - to the beginning	$\frac{1\ 600\ \text{AGL}}{\text{GND}}$	Ministry of land, Infrastructure and Transport Cont VMC-IMC

Change : Establishment of danger areas(D31~D37)

2. RK R75 Restricted Area

Name and lateral limits	Upper limit Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>RK R75</b> 373949N 1264824E - 373752N 1264813E - 373701N 1264754E - 373530N 1264817E - 373409N 1264824E - 372653N 1265722E - 372653N 1270338E - 373233N 1270647E - 373447N 1270930E - 373656N 1270830E - 373827N 1270800E - 374033N 1270513E - 374136N 1270317E - 374200N 1270140E - 373758N 1265259E - to the beginning	10 000 AMSL SFC	국방부 (중앙항공통제소/수방사 방공작전통제소)  Ministry of National Defense (MCRC : Master Control Reporting Center / CDC AOC : Capital Defense Command AOC)

\* R75 비행제한구역 내 비행은 수도방위사령부의 기체보안점검 결과 이상 있을 경우에 한하여, 비행을 제한할 수 있음.

\* R75 비행제한구역은 계기절차 수립 시, 장애물로 취급하지 아니함.

2.1 통제대상

항공교통관제기관이나 군 통제기관의 인가를 받은 항공기를 제외한 모든 항공기 및 초경량비행장치

2.2 비행절차

가. 비행시 트랜스폰더를 탑재 및 운용하여야 한다.

나. 비행 중 트랜스폰더가 고장났거나 관제/통제기관에서 배정한 트랜스폰더 코드를 운용치 않는 항공기는 비행을 금지한다. 다만 위 관제기관이나 통제기관의 인가를 받은 경우는 제외한다.

다. 항상 비상주파수(VHF 121.5 MHz 또는 243.0 MHz) 및 해당지역을 관할하는 관제/통제기관이 정한 항공용 주파수를 경청하여야 하며, 위 관제기관이나 통제기관의 지시에 따라야 한다.

라. 공공용 비행장의 해당기관으로부터 탑승자 및 화물의 보안검색을 받지 않은 항공기는 비행을 금지한다. 다만 위 관제기관이나 통제기관의 인가를 받은 경우는 제외한다.

가. 비행 금지, 제한, 위험 및 경고 구역의 상공을 비행시 최단 시간내에 통과하고, 그 주위나 상공에서 배회하는 비행을 금지한다. 다만 위 관제기관이나 통제기관의 인가를 받은 경우는 제외한다.

나. 경항공기가 수도권 주변에서 비행할 시는 현행 수도권 RK P73 시계비행로 운영절차를 철저히 준수하여 비행하여야 한다.

다. 초경량 비행장치는 R75 구역 내의 비행을 금지한다. 다만 항공안전법 제127조제2항 단서의 규정에 의거 국토교통부장관이 고시한 공역 (무인비행장치의 경우 지표면에서 150 미터/500 피트 상공의 고도 미만의 공역을 포함한다.)에서 비행하는 경우는 제외한다.

\* Capital Defense Command may restrict flying into R75 only when unsafe situations of aircraft and Ultra Light Vehicles are found with during security inspection.

\* R75 is not considered as an obstacle when establishing instrument procedures.

2.1 Control Subject

All aircrafts and super light weight flight equipment excluding aircrafts approved by ATC agency or military control agency.

2.2 Flight Procedures

a. Transponder loading and operation is required during flight.

b. Aircrafts with malfunctioning transponder or is not operating the transponder code designated by control agency in charge should suspend flight. However aircrafts with approval from control agency is excluded.

c. Always listen to emergency frequency (VHF 121.5 MHz or UHF 243.0 MHz) and aircraft frequency arranged by control agency.

d. Aircrafts which has not taken passenger and cargo security check from the agency of public airfield should suspend flight. However aircrafts with approval from control agency is excluded.

e. Fly through flight prohibited, restricted, danger warning area the shorted time and hovering around this area is prohibited. However aircrafts with approval from control agency is excluded.

f. When light aircraft is flying near the GSMA, pilot should observe present RK P73 VFR operation procedure.

g. Super light flying device are not allowed to fly within R75. However according to Aviation Safety Act article 127 clause 2 flying through airspace (in case of unmanned flight device includes airspace lower than 150 m/500 ft from ground)announced by minister of MOLIT is excluded.

Change : Information of related Act and subordinate statute.



- 라. R75 구역의 비행을 계획하는 자는 비행 전에 동 구역 및 그 인근 지역의 항공고시보를 확인하여야 한다.
- 마. R75 구역의 비행을 계획하는 자는 비행계획서를 위 관제기관 및 통제기관에 R75 구역의 진입 1시간 전까지 통보되도록 해당 기관에 접수시켜야 한다.
- 바. 위에서 해당 관제기관이나 통제기관에 긴급히 R75 구역 비행인가 또는 비행계획서의 접수를 요청할 경우 구술, 전화 또는 전문으로 신청할 수 있다.
- 사. 요격을 받는 항공기는 국토교통부 발행 항공정보간행물(AIP) ENR 1.12의 규정에서 정한 "민간항공기에 대한 요격" 절차를 준수하여야 한다.

### 2.3 통제운영절차비행절차

- 가. 김포공항을 입출항하는 항공기나 R75 구역을 정규 항공로나 비행로를 따라 비행하는 민간항공기 또는 군작전항공기의 불편을 최소화하기 위하여 항공교통 관제기관의 관제나 군 통제기관 (MCRC)의 통제를 받고 있는 항공기는 제외한다.
- 나. 항공기가 정규 항공로나 비행로를 이탈하여 R75 구역을 진입하는 경우 위 통제기관은 특별 경계를 강화하며, 그 항공기의 R75 진입 사실을 위 관제기관에 통보하여 항공기가 정규 항공로나 비행로로 돌아가도록 요청하여야 한다.
- 다. 위 관제기관은 항공기가 정규 항공로나 비행로를 이탈하여 R75를 진입하지 않도록 최선의 조치를 취하여야 하며, 그럼에도 불구하고 항공기가 R75를 진입할 경우 그 진입사실과 사유를 위 통제기관에 즉시 통보하여야 한다. 다만, 제3항 자호의 규정에 의거 비행계획서를 접수시킨 경항공기로서 해발 2 000 피트 이하의 고도로 비행하는 경우는 제외한다.
- 라. R75 구역을 진입한 항공기로서 R75 구역 진입사유가 불명확한 경우 위 통제기관은 이 항공기를 무선통신망 고장이나 공중납치 등으로 간주하여 특별경계 및 조치를 취할 수 있다.
- 마. 위 관제기관이 관제중인 항공기가 R75 구역내에서 비행중에 무선통신망의 고장 또는 공중 납치 등의 상황에 처한 것을 인지하였을 경우 이를 즉시 위 통제기관에 통보하여야 한다.
- 바. 필요에 따라 위 통제기관은 위 관제기관과의 협의를 거쳐 요격기를 활용하여 요격을 할 수 있다. 다만, 긴급한 경우에는 요격을 먼저 실시하고 위 관제기관에 사후 통보할 수 있다.

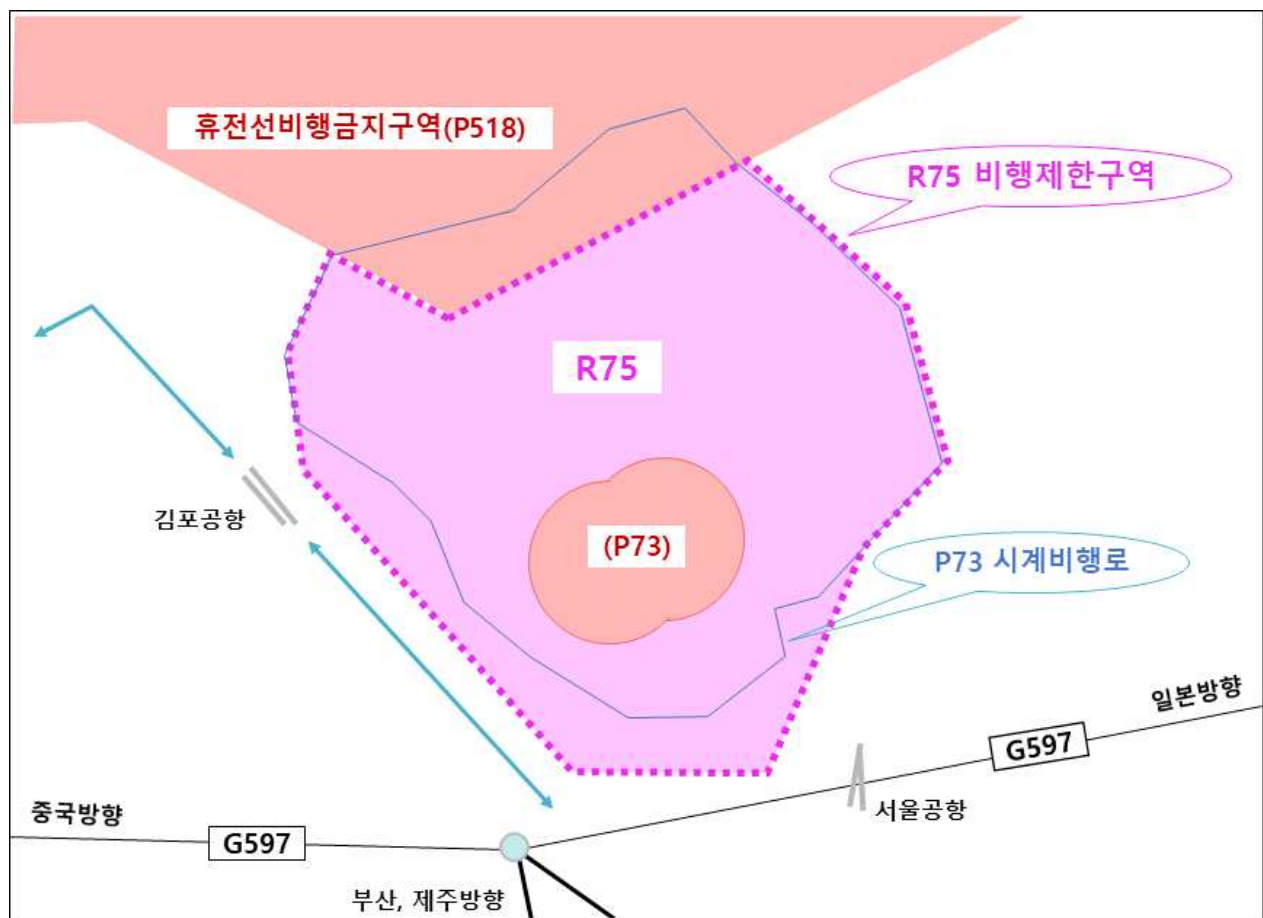
- h. One who is planning flight in R75 should confirm NOTAM of east area and vicinity of the area.
- l. One who is planning flight in R75 should transmit flight plan to the agency in order to notify control agency 1 hour before entering R75 area.
- j. When urgently requesting R75 area flight approval and reception of flight plan to control agency one can request by verbal, phone or message.
- k. Aircrafts being intercepted must observe "interception of civil aircraft" procedure defined by MOLIT AIP ENR 1.12 rule.

### 2.3 Control/operation procedure

- a. Aircrafts entering and exiting Gimpo airport, civil aircraft flying along regular route or flight route into the R75 area, aircraft controlled by ATC control or MCRC in order to minimize inconvenience of military operation aircraft are excluded.
- b. If an aircraft enters R75 departing the regular route and flight route control agency will enforce special caution and notify the R75 aircraft entry to ATC agency to request the aircraft to return to regular route and flight route.
- c. ATC agency should take measure so that the aircraft does not depart from regular route and flight route entering R75. Nevertheless if a aircraft enters R75 it should immediately notify the entry and reason to control agency. However according to clause 3 light aircraft which received flight plan flying under 2 000 ft above sea level is excluded.
- d. If the entry reason is not clear of entering R75 control agency will consider this aircraft as communication malfunction or hijack and take appropriate measures.
- e. If ATC agency acknowledges that the aircraft flying through R75 has communication malfunction or is high jacked it will immediately notify the situation to control agency.
- f. If needed control agency will coordinate with ATC agency and intercept by using intercepting aircrafts. However, in urgent circumstances can execute interception first and notify latter.

2.4 구역도면

2.4 Area diagram



Change : Information of area diagram.

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