

ENR 2. 空中交通服务空域 AIR TRAFFIC SERVICE AIRSPACE

ENR 2.1 飞行情报区和管制区 FLIGHT INFORMATION REGIONS AND CONTROL AREAS

名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
1. 北京飞行情报区 Beijing FIR				See page ENR 2.1-51
1.1 北京管制区 Beijing Control Area			8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24	The relevant rules, see subsection ENR 2.2.1
ZBAA AR01 N403921E1152204 N403610E1163307 N404640E1163400 N404515E1165005 N411240E1165830 N415629E1181508 N401503E1190958 N400319E1160805 N403921E1152204 12 500m GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	125.9 (134.45) MHz 2200-1600	
ZBAA AR02 N412000 E1143100 N412749 E1132340 N403111 E1122946 N400600 E1131736 N401818 E1134600 N401525 E1135305 N401605 E1155215 N412000 E1143100 12 500m GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	135.35 (123.7) MHz 2200-1400	不包括呼和浩特管 制区 02 号扇区 Exclude sector ZBHAR02
ZBAA AR03 N384812 E1190342 N394105 E1193744 N393000 E1195200 N381500 E1200000 N372912 E1173000 N382157 E1172520 N382932 E1183653 N384812 E1190342 12 500m GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	125.6 (132.7) MHz 0001-1000	
ZBAA AR04 N392130 E1160625 N400319 E1160805 N400831 E1172118 N390651 E1172116 N382157 E1172520 N382200 E1162025 N375252 E1160303 N385112 E1152900 N392020 E1153938 N392130 E1160625 12 500m GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	120.35 (132.6) MHz 0001-0930	不包括 06 号扇区 Exclude sector ZBAA AR06

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ZBAA AR05 N392020 E1153938 N385112 E1152900 N382954 E1154132 N365700 E1142209 N381900 E1140500 N383000 E1140000 N392020 E1153938 9 800m GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	128.3 (133.65) MHz 0130-0830	
ZBAA AR06 N385112 E1152900 N375252 E1160303 N380628 E1161108 N380624 E1172643 N390651 E1172116 N392554 E1172116 N392020 E1153938 N385112 E1152900 7 500m GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	128.1(133.65)MHz 0130-1100	
ZBAA AR07 N400600 E1131736 N374459 E1123706 N353000 E1122500 N360400 E1134836 N361900 E1143000 N381900 E1140500 N400600 E1131736 12 500m 7 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	128.7 (134.15) MHz H24	Contact ZBYN AR01 when not available.
ZBAA AR08 N384400 E1094100 N382200 E1103600 N372800 E1104400 N353200 E1101800 N343200 E1101500 N353000 E1122500 N374459 E1123706 N400600 E1131736 N393100 E1121700 N392400 E1115200 N384400 E1094100 12 500m 7 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	126.7 (134.15) MHz H24	Contact ZBYN AR02 when not available.
ZBAA AR09 N432415 E1112236 N405934 E1125635 N412749 E1132340 N412000 E1143100 N421106 E1162830 N401500 E1180500 N431442 E1173100 N452317 E1152115 National boundaries 12 500m 7 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	134.25 (127.7) MHz H24	Contact ZBHH AR01 when not available.

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ZBAA AR10 N414451 E1051345 N404300 E1055500 N401842 E1070012 N384400 E1094100 N392400 E1115200 N393100 E1121700 N400600 E1131736 N403111 E1122946 N405934 E1125635 N432415 E1112236 National boundaries 12 500m <hr/> 7 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	120.7 (127.7) MHz 0000-0900 Contact ZBAA AR09 when out of service.	Contact ZBHH AR02 when not available.
ZBAA AR11 N382157 E1172520 N382200 E1162025 N375252 E1160303 N370602 E1162944 N372912 E1173000 N382157 E1172520 12 500m <hr/> GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	134.05 (133.1) MHz H24	不包括 06 号扇区 Exclude sector ZBAA AR06
ZBAA AR12 N365700 E1142209 N382954 E1154132 N370602 E1162944 N364000 E1152400 N361900 E1143000 N365700 E1142209 9 800m <hr/> GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	132.65 (133.1) MHz 2200-1400	
ZBAA AR13 N400600 E1131736 N401818 E1134600 N401525 E1135305 N401605 E1155215 N400319 E1160805 N392130 E1160625 N392020 E1153938 N383000 E1140000 N400600 E1131736 12 500m <hr/> GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	124.55 (123.7) MHz 0000-0900	

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ZBAA AR14 N364000 E1152400 N372912 E1173000 N380700 E1193300 N373724 E1194148 N363842 E1190718 N361210 E1191102 N362436 E1171242 N355912 E1152542 N364000 E1152400 12 500m 7 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	118.95 (133.35) MHz 0000-1400 Contact ZBAA AR15 when out of service.	
ZBAA AR15 N355912 E1152542 N362436 E1171242 N361210 E1191102 N350530 E1192024 N344400 E1171642 N343100 E1155430 N351448 E1152700 N355912 E1152542 12 500m 7 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	127.35 (133.35) MHz H24	
ZBAA AR16 N364000E1152400 N351448E1152700 N345353E1153943 N341731E1144240 N342706E1135425 N340133E1131748 N354459E1130031 N360400E1134836 N361900E1143000 N364000E1152400 12 500m 9 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	134.3 (123.225) MHz 0100-1300 Contact ZBAA AR17 when out of service.	

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ZBAA AR17 N345353 E1153943 N343100 E1155430 N325430 E1154848 N320730 E1140412 N323502 E1130153 N340133 E1131748 N342706 E1135425 N341731 E1144240 N345353 E1153943 12 500m 9 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	125.35 (123.225) MHz H24	
ZBAA AR18 N333200 E1105200 N323502 E1130153 N340133 E1131748 N354459 E1130031 N343200 E1101500 N340500 E1102900 N333200 E1105200 12 500m 7 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	126.95 (132.425) MHz 0100-1300	
ZBAA AR19 N403921E1152204 N412000E1143100 N421106E1162830 N421500E1180500 N415629E1181508 N411240E1165830 N404515E1165005 N404640E1163400 N403610E1163307 N403921E1152204 12 500m GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	132.1 (134.45) MHz By ATC	
ZBAA AR20 N384812 E1190342 N394105 E1193744 N395400 E1192100 N401503 E1190958 N400831 E1172118 N390651 E1172116 N382157 E1172520 N382932 E1183653 N384812 E1190342 12 500m GND	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	132.225 (132.70) MHz By ATC	

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ZBAA AR21 N392020 E1153938 N383000 E1140000 N381900 E1140500 N361900 E1143000 N364000 E1152400 N370602 E1162944 N385112 E1152900 N392020 E1153938 12 500m <hr/> 9 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	135.3 (120.775) MHz By ATC	
ZBAA AR22 N364000 E1152400 N351448 E1152700 N345353 E1153943 N341731 E1144240 N342706 E1135425 N340133 E1131748 N354459 E1130031 N360400 E1134836 N361900 E1143000 N364000 E1152400 9 800m <hr/> 7 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	127.5(123.225)MHz By ATC	
ZBAA AR23 N345353 E1153943 N343100 E1155430 N325430 E1154848 N320730 E1140412 N323502 E1130153 N340133 E1131748 N342706 E1135425 N341731 E1144240 N345353 E1153943 9 800m <hr/> 7 800m(exclusive)	北京区域管制室 Beijing ACC	北京区域 中、英 Beijing Control Ch, En	132.2(123.225)MHz By ATC	

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1.2 呼和浩特管制区 Hohhot Control Area			8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24	
ZBHH AR01 N431442 E1173100 N452317 E1152115 National boundaries N424022 E1101306 N410737 E1105227 N410418 E1130054 N412749 E1132340 N412000 E1143100 N421106 E1162830 N421500 E1180500 N431442 E1173100 7 800m GND	呼和浩特区域管制室 Hohhot ACC	呼和浩特区域 中、英 Hohhot Control Ch, En	133.7 (120.5) MHz H24	
ZBHH AR02 N412000 E1143100 N412749 E1132340 N410418 E1130054 N410737 E1105227 N424022 E1101306 National boundaries N414451 E1051345 N404300 E1055500 N401842 E1070012 N384400 E1094100 N393100 E1121700 N400600 E1131736 N402624 E1140500 N412000 E1143100 7 800m GND	呼和浩特区域管制室 Hohhot ACC	呼和浩特区域 中、英 Hohhot Control Ch, En	125.35 (120.5) MHz 2300-0800	

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1.3 太原管制区 Taiyuan Control Area ZBYN AR01 N373656 E1123624 N353000 E1122500 N360400 E1134836 N361900 E1143000 N372013 E1141729 N374156 E1125057 N373656 E1123624 7 800m GND	太原区域管制室 Taiyuan ACC	太原区域 中、英 Taiyuan Control Ch, En	8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24 120.55 (123.775) MHz H24	
ZBYN AR02 N384400 E1094100 N382200 E1103600 N372800 E1104400 N375423 E1123945 N400600 E1131736 N393100 E1121700 N392400 E1115200 N384400 E1094100 7 800m GND	太原区域管制室 Taiyuan ACC	太原区域 中、英 Taiyuan Control Ch, En	128.75 (123.775) MHz H24	
ZBYN AR03 N372800 E1104400 N353200 E1101800 N343200 E1101500 N353000 E1122500 N374459 E1123706 N375423 E1123945 N372800 E1104400 7 800m GND	太原区域管制室 Taiyuan ACC	太原区域 中、英 Taiyuan Control Ch, En	133.9(123.775)MHz H24	
ZBYN AR04 N400600 E1131736 N374459 E1123706 N373656 E1123624 N374156 E1125057 N372013 E1141729 N381900 E1140500 N400600 E1131736 7 800m GND	太原区域管制室 Taiyuan ACC	太原区域 中、英 Taiyuan Control Ch, En	125.975(123.775)MHz 0000-1300 Contact ZBYN AR01 when out of service.	

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2. 广州飞行情报区 Guangzhou FIR				See page ENR 2.1-51
在广州飞行情报区内设立香港空中交通管制服务代理区,标准大气压高度 3900 米(含)以下,范围如下: Hong Kong AOR is established within Guangzhou FIR, Altitude limit 3900m or below, the coverage as follows: N222130 E1135200-N220934 E1134153-N221344 E1133957-N222434 E1134944-N222629 E1135444-N222405 E1135200-N222130 E1135200.				
2.1 长沙管制区 Changsha Control Area			8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24	
ZGHA AR01 N292500 E1121000 N280106 E1125748 N263212 E1125048 N253342 E1122130 N251636 E1112024 N263500 E1091900 N275348 E1092123 N285048 E1113712 N292500 E1121000 <u>7 800m</u> GND	长沙区域管制室 Changsha ACC	长沙区域 中、英 Changsha Control Ch, En	123.2(133.15) MHz By ATC	
ZGHA AR02 N292500 E1121000 N292300 E1130712 N290200 E1143400 N274056 E1141229 N273900 E1133054 N271654 E1125418 N280106 E1125748 N292500 E1121000 <u>7 800m</u> GND	长沙区域管制室 Changsha ACC	长沙区域 中、英 Changsha Control Ch, En	132.55(127.35) MHz H24	
ZGHA AR03 N271654 E1125418 N273900 E1133054 N274056 E1141229 N264200 E1135700 N260300 E1140700 N253342 E1122130 N263212 E1125048 N271654 E1125418 <u>7 800m</u> GND	长沙区域管制室 Changsha ACC	长沙区域 中、英 Changsha Control Ch, En	134.6(127.35) MHz By ATC	
ZGHA AR04 N293100 E1092400 N292500 E1121000 N285048 E1113712 N275348 E1092123 N284700 E1092300 N293100 E1092400 <u>7 800m</u> GND	长沙区域管制室 Changsha ACC	长沙区域 中、英 Changsha Control Ch, En	123.9(133.15) MHz By ATC	

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ZGGG AR05 N235542 E1133836 N234306 E1141200 N233855 E1141941 N232600 E1142742 N231524 E1141118 N225400 E1140342 N224818 E1142800 N223700 E1144500 N222430 E1144500 N222430 E1143000 Hong Kong Boundaries N222130 E1135200 N214115 E1130000 N222606 E1130000 N224800 E1122918 N230417 E1122907 N232430 E1123200 N233206 E1132306 N235542 E1133836 12 500m GND	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	126.1 (128.30) MHz By ATC	
ZGGG AR06 N232600 E1142742 N231524 E1141118 N225400 E1140342 N224818 E1142800 N223700 E1144500 N222430 E1144500 Hong Kong Boundaries N222430 E1154000 N223800 E1162200 N230500 E1153300 N234600 E1161018 N232600 E1142742 12 500m GND	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	125.35 (134.35) MHz By ATC	
ZGGG AR07 N222806 E1104706 N222918 E1100018 N203000 E1100018 N203000 E1113000 N210900 E1113000 N213412 E1114936 N222806 E1104706 12 500m 9 200m(exclusive)	湛江区域管制室 Zhanjiang ACC	湛江区域 中、英 Zhanjiang Control Ch, En	133.95 (132.35) MHz H24	

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ZGGG AR08 N240000 E1165800 N234200 E1171100 N233000 E1173000 N230000 E1173000 N223800 E1162200 N230500 E1153300 N234600 E1161018 N240000 E1165800 12 500m <hr/> 4 500m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	128.35 (134.2) MHz H24	
ZGGG AR09 (to be developed)				
ZGGG AR10 (to be developed)				
ZGGG AR11 N263500 E1091900 N251636 E1112024 N240854 E1111600 N240742 E1101106 N244006 E1095024 N254200 E1073900 N263500 E1091900 12 500m <hr/> 9 200m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	132.75(127.5) MHz H24	
ZGGG AR12 N263500 E1091900 N275257 E1092121 N281906 E1114720 a clockwised arc with radius 50km centered at Laoliangcang 'LLC' N273718 E1121729 N265430 E1123800 N253342 E1122130 N251636 E1112024 N263500 E1091900 12 500m <hr/> 7 800m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	128.1 (134.15) MHz 0000-1530	

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ZGGG AR13 N290200 E1143400 N274501 E1141326 N273743 E1133143 N265430 E1123800 N273718 E1121729 a clockwise arc with radius 50km centered at Laoliangcang 'LLC' N283100 E1121144 N292500 E1121000 N292300 E1130712 N290200 E1143400 9 800m <hr/> 7 800m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	126.15 (133.25) MHz H24	
ZGGG AR14 N290200 E1143400 N264200 E1135700 N262414 E1140132 N262210 E1135357 N261332 E1134323 N255630 E1134200 N253342 E1122130 N265430 E1123800 N273718 E1121729 a clockwise arc with radius 50km centered at Laoliangcang 'LLC' N283100 E1121144 N292500 E1121000 N292300 E1130712 N290200 E1143400 12 500m <hr/> 9 800m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	133.9 (133.25) MHz 0030-1430	
ZGGG AR15 N304659 E1141214 N300520 E1141833 N290200 E1143400 N292300 E1130712 N292800 E1110800 N303343 E1112837 N313036 E1114651 N304659 E1141214 9 800m <hr/> 7 800m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	134.5 (133.5) MHz 2330-1600	

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ZGGG AR16 N325430 E1154848 N300500 E1155600 N290200 E1143400 N300520 E1141833 N304659 E1141214 N313036 E1114651 N325635 E1121509 N320730 E1140412 N325430 E1154848 9 800m 7 800m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	118.9 (133.0) MHz H24	
ZGGG AR17 N333200 E1105200 N325635 E1121509 N313036 E1114651 N303343 E1112837 N292800 E1110800 N293100 E1092400 N315400 E1093100 N333200 E1105200 12 500m 7 800m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	134.1 (132.15) MHz 2330-1530	
ZGGG AR18 N223018 E1092812 N213748 E1085812 N210000 E1084800 N203000 E1091500 N203000 E1100018 N222918 E1100018 N223018 E1092812 12 500m GND	湛江区域管制室 Zhanjiang ACC	湛江区域 中、英 Zhanjiang Control Ch, En	128.7 (132.35) MHz H24	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZGGG AR19 N275257 E1092121 N281906 E1114720 a clockwised arc with radius 50km centered at Laoliangcang 'LLC' N283100 E1121144 N292500 E1121000 N293100 E1092400 N284700 E1092300 N275257 E1092121 12 500m 7 800m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	135.45 (134.15) MHz By ATC	
ZGGG AR20 N260300 E1140700 N255630 E1134200 N251228 E1133805 N244800 E1145100 N253453 E1150121 N254600 E1145224 N260300 E1140700 12 500m GND N260300 E1140700 N262414 E1140132 N262210 E1135357 N261332 E1134323 N255630 E1134200 N260300 E1140700 12 500m 7 800m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	132.3 (134.25) MHz By ATC	
ZGGG AR21 N325430 E1154848 N300500 E1155600 N290200 E1143400 N300520 E1141833 N304659 E1141214 N313036 E1114651 N325635 E1121509 N320730 E1140412 N325430 E1154848 12 500m 9 800m (exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	135.35 (133.5) MHz 2330-1600 (next day)	

飞行情报区和管制区 FLIGHT INFORMATION REGIONS AND CONTROL AREAS

名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZGGG AR22 Lateral limits: same as ZGGG AR11 <u>9 200m</u> 7 800m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	119.35 (127.5) MHz 0000-1400 Contact ZGGG AR11 when out of service.	
ZGGG AR23 N232430 E1123200 N235103 E1124749 N241737 E1125557 N253342 E1122130 N251636 E1112024 N242118 E1111648 N232430 E1123200 <u>12 500m</u> GND	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	125.75 MHz By ATC	
ZGGG AR24 N214115 E1130000 N222606 E1130000 N224800 E1122918 N215048 E1113030 N213412 E1114936 N210900 E1113000 N203000 E1113000 N214115 E1130000 <u>12 500m</u> GND	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	127.5 (128.3) MHz By ATC	
ZGGG AR25 N274501 E1141326 N264200 E1135700 N262414 E1140132 N262210 E1135357 N261332 E1134323 N255630 E1134200 N253342 E1122130 N265430 E1123800 N273743 E1133143 N274501 E1141326 <u>9 800m</u> 7 800m(exclusive)	广州区域管制室 Guangzhou ACC	广州区域 中、英 Guangzhou Control Ch, En	119.375 (133.25) MHz 0100-1430	
ZGGG AR26 Lateral limits: same as ZGGG AR07 <u>9 200m</u> 7 800m(exclusive)	湛江区域管制室 Zhanjiang ACC	湛江区域 中、英 Zhanjiang Control Ch, En	133.35(134.45)MHz By ATC Contact ZGGG AR07 when not available.	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZGGG AR27 N304659 E1141214 N300520 E1141833 N290200 E1143400 N292300 E1130712 N292800 E1110800 N303343 E1112837 N313036 E1114651 N304659 E1141214 12 500m <hr/> 9 800m (exclusive)	 广州区域管制室 Guangzhou ACC	 广州区域 中、英 Guangzhou Control Ch, En	 132.35(133.5)MHz 0000-1500	
2.3 桂林管制区 Guilin Control Area N263500 E1091900 N251636 E1112024 N240854 E1111600 N240742 E1101106 N244006 E1095024 N254200 E1073900 N263500 E1091900 7 800m <hr/> GND	 桂林区域管制室 Guilin ACC	 桂林区域 中、英 Guilin Control Ch, En	10066KHz 0001-1200 3491 KHz 1201-2400 (6556) KHz H24 133.6(132.975) MHz H24	
2.4 南宁管制区 Nanning Control Area ZGNN AR01 N250632 E1085425 N244006 E1095024 N240742 E1101106 N240854 E1111600 N232842 E1111824 N225136 E1103300 N222806 E1104706 N223018 E1092812 N220304 E1091236 N223200 E1090821 N230750 E1090430 N232428 E1085045 N233804 E1084821 N234055 E1080504 N234915 E1080942 N250632 E1085425 9 800m <hr/> GND	 南宁区域管制室 Nanning ACC	 南宁区域 中、英 Nanning Control Ch, En	10066KHz 0001-1200 3491 KHz 1201-2400 (6556) KHz H24 132.7 (120.55) MHz H24	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZGNN AR02 N250632 E1085425 N234915 E1080942 N234055 E1080504 N231043 E1074818 N225915 E1060819 National boundaries N231145 E1053230 N243900 E1054800 N254200 E1073900 N250632 E1085425 12 500m <hr/> GND	南宁区域管制室 Nanning ACC	南宁区域 中、英 Nanning Control Ch, En	133.1 (120.55) MHz By ATC	
ZGNN AR03 N225915 E1060819 N231043 E1074818 N234055 E1080504 N233804 E1084821 N232428 E1085045 N230750 E1090430 N223200 E1090821 N220304 E1091236 N213748 E1085812 N210000 E1084800 N203000 E1091500 N203000 E1080300 N211235 E1081231 National boundaries N225915 E1060819 12 500m <hr/> GND	南宁区域管制室 Nanning ACC	南宁区域 中、英 Nanning Control Ch, En	133.75(133.4)MHz By ATC	
ZGNN AR04 Lateral limits: same as ZGNN AR01 12 500m <hr/> 9 800m (exclusive)	南宁区域管制室 Nanning ACC	南宁区域 中、英 Nanning Control Ch, En	128.375(133.4)MHz By ATC	

飞行情报区和管制区 FLIGHT INFORMATION REGIONS AND CONTROL AREAS

名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
3. 香港飞行情报区 Hong Kong FIR 见中国香港航行资料汇编 See AIP Hong Kong, China	见中国香港航行资料汇编 See AIP Hong Kong, China			
4. 昆明飞行情报区 Kunming FIR				See page ENR 2.1-51
4.1 成都管制区 Chengdu Control Area			8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24	
<p>The relevant flight rules for aircraft landing at Chengdu or overflying Chengdu CTA:</p> <ol style="list-style-type: none"> 1. Aircraft from the direction of Ningshan VOR to Chengdu are to fly along G212, SUBUL, W29; 2. Aircraft from the direction of Weining NDB to Chengdu are to fly along W24, Yibin VOR, W25; 3. Aircraft from the direction of Guiyang VOR to Chengdu are to fly along B330, Xuyong VOR, W25; 4. Aircraft from Lanzhou and the direction of Jingtai VOR to the direction of Guiyang VOR are to fly along B330, and vice versa; 5. Aircraft from the direction of Ningshan VOR to the direction of Weining NDB are to fly along G212, and vice versa; 6. Aircraft from Lanzhou and the direction of Jingtai VOR to the direction of Weining NDB are to fly along B330, Ziyang VOR, W24, Weining NDB, and vice versa; 				
ZUUU AR01 N321400 E1072400 N315400 E1093100 N293100 E1092400 N284700 E1092300 N294324 E1063842 N294206 E1054400 N321400 E1072400 12 500m 7 800m(exclusive)	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	120.90 (134.80) MHz H24	
ZUUU AR02 N301706 E1050106 N300701 E1044030 N295546 E1041814 N295900 E1030000 N294338 E1011709 N275048 E1001133 N265312 E1020630 N274500 E1035300 N273600 E1052500 N275100 E1061300 N283506 E1054130 N294206 E1054400 N301706 E1050106 8100m GND	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	122.80 (126.15) MHz H24	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZUUU AR03 N325500 E1014200 N304700 E1015412 N275048 E1001133 N282942 E0985430 N283100 E0973500 N310900 E0971030 N320600 E0970000 N314900 E0983500 N325500 E1014200 12 500m GND	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	133.80 (126.15) MHz H24	
ZUUU AR04 N322700 E1054900 N333500 E1035300 N331056 E1023410 N310000 E1033700 N311456 E1042244 N311029 E1043336 N321618 E1043022 N321526 E1052533 N322700 E1054900 12 500m GND	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	128.35 (133.30) MHz 2300-1600 Contact ZUUUAR09 when not available.	
ZUUU AR05 N321400 E1072400 N321738 E1065724 N310011 E1045140 N305435 E1045823 N303939 E1045652 N301706 E1050106 N294206 E1054400 N321400 E1072400 12 500m GND	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	123.70 (133.30) MHz H24	
ZUUU AR06 Lateral limits: same as ZUUU AR01 7 800m GND	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	132.60 (125.95) MHz H24	
ZUUU AR07 N294206 E1054400 N294324 E1063842 N284700 E1092300 N275100 E1061300 N283506 E1054130 N294206 E1054400 7 800m GND	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	134.30 (125.95) MHz By ATC	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZUUU AR08 Lateral limits: same as ZUUU AR02 12 500m 8 100m(exclusive)	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	118.95 (126.15) MHz 2300-1600 Contact ZUUUAR02 when out of service	
ZUUU AR09 N322700 E1054900 N321526 E1052533 N321618 E1043022 N311029 E1043336 N310550 E1044453 N310011 E1045140 N321738 E1065724 N322700 E1054900 12 500m GND	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	132.30 (133.30) MHz 2300-1600 Contact ZUUU AR05 when out of service.	
ZUUU AR10 Lateral limits: same as ZUUU AR07 12 500m 7 800m (exclusive)	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	125.70 (134.80) MHz By ATC Contact ZUUU AR01 when not available.	
ZUUU AR11 N310000 E1033700 N295900 E1030000 N295546 E1041814 N300701 E1044030 N301706 E1050106 N303939 E1045652 N305435 E1045823 N310550 E1044453 N311456 E1042244 N310000 E1033700 12 500m GND	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	127.55 (133.30) MHz By ATC	
ZUUU AR12 N310000 E1033700 N331056 E1023410 N325500 E1014200 N304700 E1015412 N294338 E1011709 N295900 E1030000 N310000 E1033700 12 500m GND	成都区域管制室 Chengdu ACC	成都区域 中、英 Chengdu Control Ch, En	132.675 (133.30) MHz By ATC	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
4.2 贵阳管制区 Guiyang Control Area ZUGY AR01 N280833 E1071348 N272302 E1071441 N265600 E1070059 N261544 E1084237 N263500 E1091900 N284700 E1092300 N280833 E1071348 9 800m(exclusive) <hr/> GND	贵阳区域管制室 Guiyang ACC	贵阳区域 中、英 Guiyang Control Ch, En	10066KHz 0001-1200 3491 KHz 1201-2400 (6556) KHz H24 120.70 (122.20) MHz By ATC	
ZUGY AR02 N280833 E1071348 N272302 E1071441 N265600 E1070059 N263119 E1064737 N262909 E1050106 N265700 E1044900 N273600 E1052500 N280833 E1071348 9 800m(exclusive) <hr/> GND	贵阳区域管制室 Guiyang ACC	贵阳区域 中、英 Guiyang Control Ch, En	128.15 (133.45) MHz H24	
ZUGY AR03 N265600 E1070059 N263119 E1064737 N262909 E1050106 N243900 E1054800 N254200 E1073900 N261544 E1084237 N265600 E1070059 9 800m(exclusive) <hr/> GND	贵阳区域管制室 Guiyang ACC	贵阳区域 中、英 Guiyang Control Ch, En	132.85 (122.20) MHz By ATC	
ZUGY AR04 N273600 E1052500 N284700 E1092300 N263500 E1091900 N254200 E1073900 N243900 E1054800 N265700 E1044900 N273600 E1052500 12 500m <hr/> 9 800m	贵阳区域管制室 Guiyang ACC	贵阳区域 中、英 Guiyang Control Ch, En	132.25(133.45)MHz H24	

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飞行情报区和管制区 FLIGHT INFORMATION REGIONS AND CONTROL AREAS

名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
4.4 拉萨管制区 Lhasa Control Area N302630 E0813730 N321806 E0840318 N362500 E0872300 N360200 E0890100 N325200 E0915500 N320600 E0970000 N310900 E0971030 N283100 E0973500 National boundaries N302630 E0813730 12 500m GND	拉萨区域管制室 Lhasa ACC	拉萨管制 中、英 Lhasa Control Ch, En	10066KHz 0001-1200 3491 KHz 1201-2400 (6556) KHz H24 132.35 (120.7) MHz H24	
5. 兰州飞行情报区 Lanzhou FIR 5.1 兰州管制区 Lanzhou Control Area ZLLL AR01 N380000 E1012156 N371148 E1040442 N361549 E1065318 N352924 E1062000 N345330 E1065100 N322700 E1054900 N333500 E1035300 N364730 E0990500 N373712 E1010000 N380000 E1012156 7 800m GND ZLLL AR02 N414451 E1051345 N404300 E1055500 N401842 E1070012 N390648 E1090234 N361549 E1065318 N371148 E1040442 N380000 E1012156 N414451 E1051345 8 900m GND ZLLL AR03 N414451 E1051345 N380000 E1012156 N385435 E0991308 N423409 E1012323 National boundaries N414451 E1051345 12 500m GND	兰州区域管制室 Lanzhou ACC 兰州区域管制室 Lanzhou ACC 兰州区域管制室 Lanzhou ACC	兰州区域 中、英 Lanzhou Control Ch, En 兰州区域 中、英 Lanzhou Control Ch, En 兰州区域 中、英 Lanzhou Control Ch, En	8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24 123.75 (120.75) MHz H24 118.90 (126.175) MHz 0000-1600 Contact ZLLLAR01 when out of service. 133.35 (132.20) MHz 0000-1600 Contact ZLLLAR04 when out of service.	See page ENR 2.1-51

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZLLL AR04 N412331 E0943103 N410141 E0950155 N401830 E0960518 N400051 E0964112 N393455 E0961602 N383139 E0951525 N364730 E0990500 N333500 E1035300 N325500 E1014200 N314900 E0983500 N325200 E0915500 N360200 E0890100 N362500 E0872300 N382100 E0901300 N412331 E0943103 12 500m GND	兰州区域管制室 Lanzhou ACC	兰州区域 中、英 Lanzhou Control Ch, En	132.80 (132.20) MHz H24	
ZLLL AR05 Lateral limits: same as ZLLL AR01 12 500m 8 900m(exclusive)	兰州区域管制室 Lanzhou ACC	兰州区域 中、英 Lanzhou Control Ch, En	134.70 (120.75) MHz 0000-1600 Contact ZLLL AR01 when out of service.	
ZLLL AR06 Lateral limits: same as ZLLL AR02 12 500m 8 900m(exclusive)	兰州区域管制室 Lanzhou ACC	兰州区域 中、英 Lanzhou Control Ch, En	132.35 (126.175) MHz 0000-1600 Contact ZLLL AR02 when out of service	
ZLLL AR07 N400051 E0964112 N393455 E0961602 N383139 E0951525 N364730 E0990500 N373712 E1010000 N380000 E1012156 N394310 E0971707 N400051 E0964112 12 500m GND	兰州区域管制室 Lanzhou ACC	兰州区域 中、英 Lanzhou Control Ch, En	119.35 (132.20) MHz By ATC Contact ZLLL AR04 when not available.	
ZLLL AR08 Lateral limits: same as ZLLL AR01 8 900m 7 800m(exclusive)	兰州区域管制室 Lanzhou ACC	兰州区域 中、英 Lanzhou Control Ch, En	124.525 (120.75) MHz By ATC	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZLLL AR09 N423409 E1012323 N385435 E0991308 N394310 E0971707 N401830 E0960518 N410141 E0950155 N412331 E0943103 N414800 E0950800 N425500 E0962014 National boundaries N423409 E1012323 12 500m GND	兰州区域管制室 Lanzhou ACC	兰州区域 中、英 Lanzhou Control Ch, En	125.375 (132.20) MHz By ATC	
5.2 西安管制区 Xi'an Control Area ZLXY AR01 N390648 E1090234 N384400 E1094100 N382200 E1103600 N372800 E1104400 N353200 E1101800 N343200 E1101500 N343832 E1091431 N344524 E1084230 N371841 E1074044 N390648 E1090234 8 900m GND ZLXY AR02 N343832 E1091431 N343200 E1101500 N340500 E1102900 N333200 E1105200 N315400 E 1093100 N315853 E1090000 N343832 E1091431 8 900m GND	西安区域管制室 Xi'an ACC 西安区域管制室 Xi'an ACC	西安区域 中、英 Xi'an Control Ch, En 西安区域 中、英 Xi'an Control Ch, En	8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24 125.30 (120.95) MHz H24 120.05 (134.85) MHz 0000-1400 Contact ZLXY AR01 when out of service.	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZLXY AR03 N343832 E1091431 N315853 E1090000 N321400 E1072400 N322700 E1054900 N342900 E1063956 N344524 E1084230 N343832 E1091431 8 900m GND	西安区域管制室 Xi'an ACC	西安区域 中、英 Xi'an Control Ch, En	133.05 (120.95) MHz 0000-1300 Contact ZLXY AR05 when out of service.	
ZLXY AR04 N371841 E1074044 N344524 E1084230 N342900 E1063956 N345330 E1065100 N352924 E1062000 N371841 E1074044 8 900m GND	西安区域管制室 Xi'an ACC	西安区域 中、英 Xi'an Control Ch, En	126.10 (134.40) MHz 0000-1200 Contact ZLXY AR05 when out of service.	
ZLXY AR05 Lateral limits: same as ZLXY AR03 12 500m 8 900m(exclusive)	西安区域管制室 Xi'an ACC	西安区域 中、英 Xi'an Control Ch, En	132.90 (120.95) MHz 0000-1500 Contact ZLXY AR01 when out of service.	
ZLXY AR06 Lateral limits: same as ZLXY AR01 12 500m 8 900m(exclusive)	西安区域管制室 Xi'an ACC	西安区域 中、英 Xi'an Control Ch, En	124.10 (120.95) MHz By ATC Contact ZLXY AR01 when out of service.	
ZLXY AR07 Lateral limits: same as ZLXY AR02 12 500m 8 900m(exclusive)	西安区域管制室 Xi'an ACC	西安区域 中、英 Xi'an Control Ch, En	133.95 (134.85) MHz By ATC Contact ZLXY AR02 when out of service.	
ZLXY AR08 Lateral limits: same as ZLXY AR04 12 500m 8 900m(exclusive)	西安区域管制室 Xi'an ACC	西安区域 中、英 Xi'an Control Ch, En	118.975 (134.40) MHz By ATC Contact ZLXY AR04 when out of service.	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
6. 三亚飞行情报区 Sanya FIR 三亚管制区 Sanya Control Area 岛内管制空域 Island airspace ZJSY AR01 N203000 E1113000 N193000 E1113000 N174000 E1094000 N174000 E1082600 N182028 E1074053 N191604 E1071123 N195733 E1075547 N203000 E1080300 N203000 E1113000 12 500m 9 200m(exclusive) 洋区空域 Oceanic airspace ZJSY AR02 N193000 E1113000 N182300 E1123000 N170000 E1113000 N160000 E1101734 N174000 E1082600 N174000 E1094000 N193000 E1113000 12 500m 4270m 洋区空域 Oceanic airspace ZJSY AR03 N182300 E1123000 N164000 E1140000 N143000 E1140000 N143000 E1120000 N160000 E1101734 N170000 E1113000 N182300 E1123000 12 500m 4270m 岛内管制空域 Island airspace ZJSY AR04 Lateral limits: same as ZJSY AR01; 9 200m 7 200m(exclusive)	三亚区域管制室 Sanya ACC <			

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
7. 上海飞行情报区 Shanghai FIR				See page ENR 2.1-51
7.1 合肥管制区 Hefei Control Area			8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24	
ZSOF AR01 N314300 E1180618 N324000 E1175254 N315717 E1170257 N314106 E1170015 N312035 E1165838 N312414 E1184252 N313412 E1184200 N313910 E1180600 N314300 E1180618 7 800m GND	合肥区域管制室 Hefei ACC	合肥区域 中、英 Hefei Control Ch, En	125.75(133.55)MHz H24	
ZSOF AR02 N312035 E1165838 N300500 E1155600 N294412 E1181512 N305706 E1184512 N312414 E1184252 N312035 E1165838 7 800m GND	合肥区域管制室 Hefei ACC	合肥区域 中、英 Hefei Control Ch, En	134.70(133.55)MHz By ATC Contact ZSOFAR01 when not available.	
ZSOF AR03 N315241 E1155127 N315717 E1170257 N314106 E1170015 N312035 E1165838 N300500 E1155600 N315241 E1155127 7 800m GND	合肥区域管制室 Hefei ACC	合肥区域 中、英 Hefei Control Ch, En	126.175(128.175)MHz By ATC Contact ZSOFAR04 when not available.	
ZSOF AR04 N343100 E1155430 N325430 E1154848 N315241 E1155127 N315717 E1170257 N324000 E1175254 N340342 E1173254 N344400 E1171642 N343100 E1155430 7 800m GND	合肥区域管制室 Hefei ACC	合肥区域 中、英 Hefei Control Ch, En	135.65(128.175) MHz 0030-1130 Contact ZSOFAR01 when out of service.	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
7.2 济南管制区 Jinan Control Area ZSJN AR01 N364000 E1152400 N372654 E1172409 N362215 E1173418 N362436 E1171242 N355912 E1152542 N364000 E1152400 <u>7 800m</u> GND ZSJN AR02 N355912 E1152542 N362436 E1171242 N361210 E1191102 N350530 E1192024 N344400 E1171642 N343100 E1155430 N351448 E1152700 N355912 E1152542 <u>7 800m</u> GND ZSJN AR03 N372654 E1172409 N372912 E1173000 N380700 E1193300 N373724 E1194148 N363842 E1190718 N361210 E1191102 N362215 E1173418 N372654 E1172409 <u>7 800m</u> GND	济南区域管制室 Jinan ACC 济南区域管制室 Jinan ACC 济南区域管制室 Jinan ACC	济南区域 中、英 Jinan Control Ch, En 济南区域 中、英 Jinan Control Ch, En 济南区域 中、英 Jinan Control Ch, En	8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24 128.35 (133.85) MHz H24 122.9 (133.45) MHz 2300-1400 (next day) Contact ZSJN AR01 when out of service. 125.70(133.45)MHz 2300-1400 (next day) Contact ZSJN AR01 when out of service.	

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飞行情报区和管制区 FLIGHT INFORMATION REGIONS AND CONTROL AREAS

名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZSQD AR06 N361210 E1191102 N361712 E1202206 N362426 E1211935 N363617 E1225344 N362410 E1232310 N362124 E1240000 N350000 E1240000 N350000 E1200000 N350530 E1192024 N361210 E1191102 12 500m GND	青岛区域管制室 Qingdao ACC	青岛区域 中、英 Qingdao Control Ch, En	134.85 (133.95) MHz By ATC Contact ZSQDAR03 when not available.	
注：青岛管制区范围与上述管制扇区总范围不一致，横向范围为：N3815001200000-N381500E1230000-N380000E1240000-N350000E1240000-N350000E1200000-N350530E1192024-N363842E1190718-N373724E1194148-N380700E1193300-N381500E1200000。 Note: Bound of Qingdao ACC is different from sectors above, lateral limits of Qingdao ACC as follows: N3815001200000-N381500E1230000-N380000E1240000-N350000E1240000-N350000E1200000-N350530E1192024-N363842E1190718-N373724E1194148-N380700E1193300-N381500E1200000.				
7.5 上海管制区 Shanghai Control Area ZSSS AR01 N301126 E1182618 N294412 E1181512 N295118 E1173023 N292840 E1172700 N282642 E1175748 N281700 E1180800 N292400 E1193810 N291534 E1200725 N293700 E1201400 N295307 E1201431 N295715 E1194712 N301126 E1182618 9 500m(exclusive) 6 000m(exclusive)	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24 124.55 (132.9) MHz H24	The relevant rules, see subsection ENR 2.2.3

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZSSS AR02 N282700 E1195359 N291534 E1200725 N293700 E1201400 N295307 E1201431 N302247 E1205633 N301518 E1211311 N301500 E1221200 N300211 E1220000 N283730 E1212648 N282700 E1204300 N282700 E1195359 12 500m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	128.75 (132.9) MHz By ATC	
ZSSS AR03 N332400 E1240000 N320141 E1240000 N321452 E1250000 N312442 E1250000 N311132 E1240000 N290000 E1240000 N293508 E1234654 N303512 E1222400 N311241 E1224630 N314611 E1224630 N332400 E1240000 12 500m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	120.95 (134.0) MHz H24	
ZSSS AR04 N313521 E1201944 N314342 E1212401 N332700 E1203136 N324755 E1185316 N321017 E1192943 N314738 E1192200 N313800 E1192200 N312126 E1193835 N311911 E1201848 N313521 E1201944 12 500m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	125.95 (123.7) MHz H24	
ZSSS AR05 N313521 E1201944 N314342 E1212401 N315236 E1214712 N314611 E1224630 N311241 E1224630 N301500 E1221200 N301518 E1211311 N302247 E1205633 N311911 E1201848 N313521 E1201944 12 500m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	120.55 (134.2) MHz By ATC	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	备注 Remarks
ZSSS AR06 N324000 E1175254 N340342 E1173254 N344400 E1171642 N350530 E1192024 N350000 E1200000 N332700 E1203136 N324021 E1183441 N324000 E1175254 12 500m 7 800m(exclusive)	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	134.9 (127.55) MHz By ATC	
ZSSS AR07 N315236 E1214712 N314342 E1212401 N332700 E1203136 N350000 E1200000 N350000 E1201039 N350000 E1240000 N332400 E1240000 N314611 E1224630 N315236 E1214712 12 500m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	133.8 (127.55) MHz By ATC	
ZSSS AR08 N283730 E1212648 N300211 E1220000 N301500 E1221200 N303512 E1222400 N293508 E1234654 N290000 E1240000 N284157 E1234139 N275403 E1225151 N283730 E1212648 12 500m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	134.3 (133.7) MHz By ATC	
ZSSS AR09 N272748 E1193006 N272500 E1193700 N262908 E1212656 N250000 E1200000 N244130 E1193615 N250806 E1190800 N252005 E1185501 N253931 E1180002 N255828 E1171316 N265000 E1162900 N271200 E1165800 N274042 E1175918 N275512 E1183154 N272748 E1193006 12 500m 7 800m (exclusive)	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	128.15 (134.4) MHz H24	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZSSS AR10 N252005 E1185501 N250806 E1190800 N244130 E1193615 N230000 E1173000 N233000 E1173000 N234200 E1171100 N240000 E1165800 N242200 E1164200 N244024 E1152430 N250530 E1152500 N265000 E1162900 N255828 E1171316 N253931 E1180002 N252005 E1185501 12 500m 7 800m (exclusive)	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	120.9 (132.1) MHz H24	
ZSSS AR11 N265000 E1162900 N250530 E1152500 N254600 E1145224 N260300 E1140700 N264200 E1135700 N273343 E1141035 N274548 E1153912 N274725 E1155143 N265000 E1162900 12 500m 7 800m (exclusive)	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	132.45 (134.05) MHz H24	
ZSSS AR12 N300500 E1155600 N295118 E1173023 N292840 E1172700 N285034 E1174552 N274725 E1155143 N274548 E1153912 N273343 E1141035 N290200 E1143400 N300500 E1155600 12 500m 7 800m (exclusive)	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	128.7 (134.05) MHz H24	
ZSSS AR13 N343100 E1155430 N325430 E1154848 N300500 E1155600 N312035 E1165838 N314106 E1170015 N315717 E1170257 N324000 E1175254 N340342 E1173254 N344400 E1171642 N343100 E1155430 12 500m 7 800m (exclusive)	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	132.5 (133.4) MHz H24	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZSSS AR14 N324021 E1183441 N324000 E1175254 N314300 E1180618 N313910 E1180600 N313412 E1184200 N312414 E1184252 N312126 E1193835 N313800 E1192200 N314738 E1192200 N321017 E1192943 N324755 E1185316 N324021 E1183441 12 500m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	132.4 (123.7) MHz 0000-1400 Contact ZSSSAR04 when out of service.	
ZSSS AR15 N305706 E1184512 N312414 E1184252 N311911 E1201848 N302247 E1205633 N295307 E1201431 N295715 E1194712 N301126 E1182618 N305706 E1184512 12 500m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	135.75(132.75)MHz H24	
ZSSS AR16 N324000 E1175254 N340342 E1173254 N344400 E1171642 N350530 E1192024 N350000 E1200000 N332700 E1203136 N324021 E1183441 N324000 E1175254 7 800m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	120.925 (124.575) MHz By ATC	
ZSSS AR17 N300500 E1155600 N312035 E1165838 N314106 E1170015 N315717 E1170257 N324000 E1175254 N314300 E1180618 N313910 E1180600 N313412 E1184200 N305706 E1184512 N301126 E1182618 N294412 E1181512 N295118 E1173023 N300500 E1155600 12 500m 7 800m (exclusive)	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	123.95(133.40)MHz By ATC Contact ZSSSAR13 when not available.	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZSSS AR18 N283730 E1212648 N275403 E1225151 N262908 E1212656 N272500 E1193700 N282700 E1195359 N282700 E1204300 N283730 E1212648 12 500m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	132.275 (123.775) MHz By ATC Contact ZSSSAR08 when not available.	
ZSSS AR19 N281700 E1180800 N292400 E1193810 N291534 E1200725 N272500 E1193700 N272748 E1193006 N275512 E1183154 N281700 E1180800 12 500m GND	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	124.95(119.30)MHz BY ATC Contact ZSSSAR01 when not available.	
ZSSS AR20 N265000 E1162900 N271200 E1165800 N274042 E1175918 N275512 E1183154 N281700 E1180800 N282642 E1175748 N285034 E1174552 N274725 E1155143 N265000 E1162900 12 500m 7 800m (exclusive)	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	133.975 (133.325) MHz By ATC Contact ZSSSAR12 when not available.	
ZSSS AR21 N301126 E1182618 N294412 E1181512 N295118 E1173023 N292840 E1172700 N282642 E1175748 N281700 E1180800 N292400 E1193810 N291534 E1200725 N293700 E1201400 N295307 E1201431 N295715 E1194712 N301126 E1182618 12 500m 9 500m	上海区域管制室 Shanghai ACC	上海区域 中、英 Shanghai Control Ch, En	120.7(132.9) MHz H24	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
8. 沈阳飞行情报区 Shenyang FIR				See page ENR 2.1-51
8.1 大连管制区 Dalian Control Area			8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24	
ZYT _L AR01 N395400 E1192100 N400720 E1210103 N394237 E1202908 N384233 E1210404 N383134 E1221216 N381501 E1221256 N381500 E1200000 N393000 E1195200 N395400 E1192100 12 500m 8 900m	大连区域管制室 Dalian ACC	大连区域 中、英 Dalian Control Ch, En	123.2 (132.55) MHz By ATC	
ZYT _L AR02 N400720 E1210103 N401548 E1221130 N394941 E1241006 N385742 E1240456 N382852 E1222918 N383134 E1221216 N384233 E1210404 N394237 E1202908 N400720 E1210103 12 500m 8 900m	大连区域管制室 Dalian ACC	大连区域 中、英 Dalian Control Ch, En	135.65 (128.775) MHz By ATC	
ZYT _L AR03 N381501 E1221256 N380726 E1221704 N372831 E1230712 N370056 E1230759 N365100 E1232200 N363726 E1234005 N363732 E1240000 N380000 E1240000 N385742 E1240456 N382852 E1222918 N383134 E1221216 N381501 E1221256 12 500m 8 900m	大连区域管制室 Dalian ACC	大连区域 中、英 Dalian Control Ch, En	132.95 (132.3) MHz H24	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZYTLAR04 Lateral limits: same as ZYTLAR01 <u>8 900m(exclusive)</u> GND ZYTLAR05 Lateral limits: same as ZYTLAR02 <u>8 900m(exclusive)</u> GND ZYTLAR06 Lateral limits: same as ZYTLAR03 <u>8 900m(exclusive)</u> GND	大连区域管制室 Dalian ACC 大连区域管制室 Dalian ACC 大连区域管制室 Dalian ACC	大连区域 中、英 Dalian Control Ch, En 大连区域 中、英 Dalian Control Ch, En 大连区域 中、英 Dalian Control Ch, En	122.15 (132.55) MHz By ATC 133.3 (128.775) MHz By ATC 133.15 (132.3) MHz By ATC	
注：大连管制区范围与上述管制扇区总范围不一致，横向范围为：N380000E1240000-N381500E1230000-N381500E1200000-N393000E1195200-N395400E1192100-N401548E1221130-N394941E1241006-N380000E1240000。 Note: Bound of Dalian ACC is different from sectors above, lateral limits of Dalixian ACC as follows: N380000E1240000-N381500E1230000-N381500E1200000-N393000E1195200-N395400E1192100-N401548E1221130-N394941E1241006-N380000E1240000.				
8.2 海拉尔管制区 Hailar Control Area N533000 E1222035 N503748 E1230212 N501636 E1224618 N483112 E1230354 N460412 E1220424 N463655 E1194603 National boundaries N533000 E1222035 <u>12 500m</u> GND	海拉尔区域管制室 Hailar ACC	海拉尔管制 中、英 Hailar Control Ch, En	8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24 123.9 (134.45) MHz H24	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
8.3 哈尔滨管制区 Harbin Control Area ZYHB AR01 N533000 E1222035 N503748 E1230212 N501636 E1224618 N483112 E1230354 N475755 E1244238 N471650 E1253925 N453740 E1261531 N451742 E1311130 N451323 E1314128 National boundaries N533000 E1222035 12 500m GND	哈尔滨区域管制室 Harbin ACC	哈尔滨区域 中、英 Harbin Control Ch, En	8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24 133.2 (120.75) MHz H24	
ZYHB AR02 N451323 E1314128 N451742 E1311130 N453740 E1261531 N452654 E1260248 N441506 E1242330 N434618 E1255057 N435240 E1261656 N433724 E1271700 N440303 E1311747 National boundaries N451323 E1314128 12 500m GND	哈尔滨区域管制室 Harbin ACC	哈尔滨区域 中、英 Harbin Control Ch, En	118.95 (124.55) MHz By ATC	
ZYHB AR03 N441506 E1242330 N452654 E1260248 N453740 E1261531 N471650 E1253925 N475755 E1244238 N483112 E1230354 N460412 E1220424 N444836 E1230430 N441506 E1242330 12 500m GND	哈尔滨区域管制室 Harbin ACC	哈尔滨区域 中、英 Harbin Control Ch, En	128.75(124.55) MHz By ATC	

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名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
8.4 沈阳管制区 Shenyang Control Area ZYTX AR01 N431442 E1173100 N435800 E1200448 N425800 E1202918 N423758 E1240028 N413830 E1232842 N413030 E1231730 N401548 E1221130 N395400 E1192100 N431442 E1173100 12 500m GND	沈阳区域管制室 Shenyang ACC	沈阳区域 中、英 Shenyang Control Ch, En	8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24 125.95(124.85)MHz 2330-1200 Contact ZYTX AR02 when out of service	
ZYTX AR02 N441506 E1242330 N434618 E1255057 N435240 E1261656 N433724 E1271700 N440303 E1311747 National boundaries N412218 E1263127 N420148 E1254236 N423758 E1240028 N434054 E1241748 N441506 E1242330 8 900m(exclusive) GND	沈阳区域管制室 Shenyang ACC	沈阳区域 中、英 Shenyang Control Ch, En	118.9(132.45)MHz H24	
ZYTX AR03 N423758 E1240028 N420148 E1254236 N412218 E1263127 National boundaries N394941 E1241006 N401548 E1221130 N413030 E1231730 N413830 E1232842 N423758 E1240028 12 500m GND	沈阳区域管制室 Shenyang ACC	沈阳区域 中、英 Shenyang Control Ch, En	119.3(132.45)MHz 0400-1000 Contact ZYTX AR02 when out of service	
ZYTX AR04 N435800 E1200448 N444836 E1230430 N442718 E1235454 N441506 E1242330 N434054 E1241748 N423758 E1240028 N425800 E1202918 N435800 E1200448 12 500m GND	沈阳区域管制室 Shenyang ACC	沈阳区域 中、英 Shenyang Control Ch, En	133.25(124.85)MHz 0400-1000 Contact ZYTX AR01 when out of service	

飞行情报区和管制区 FLIGHT INFORMATION REGIONS AND CONTROL AREAS

名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZYTX AR05 N431442 E1173100 N452317 E1152115 National boundaries N463655 E1194603 N460412 E1220424 N444836 E1230430 N435800 E1200448 N431442 E1173100 12 500m GND ZYTX AR06 N423758 E1240028 N420148 E1254236 N412218 E1263127 National boundaries N394941 E1241006 N401548 E1221130 N413030 E1231730 N413830 E1232842 N423758 E1240028 12 500m 8 900m	沈阳区域管制室 Shenyang ACC 沈阳区域管制室 Shenyang ACC	沈阳区域 中、英 Shenyang Control Ch, En 沈阳区域 中、英 Shenyang Control Ch, En	119.375(124.85)MHz 0800-1200 Contact ZYTX AR01 when out of service 120.50(132.45)MHz 0500-0900 Contact ZYTX AR02 when out of service	
9. 台北飞行情报区 Taipei FIR 见中国台湾航行资料汇编 See AIP Taiwan, China	见中国台湾航行资料汇编 See AIP Taiwan, China			
10. 乌鲁木齐飞行情报区 Urumqi FIR 乌鲁木齐管制区 Urumqi Control Area ZWWW AR01 N425500 E0962014 N414800 E0950800 N394659 E0921029 N401606 E0902422 N421914 E0902829 N425404 E0901508 N443000 E0911500 N450743 E0911618 National boundaries N425500 E0962014 12 500m GND	乌鲁木齐区域管制室 Urumqi ACC	乌鲁木齐区域 中、英 Urumqi Control Ch, En	10018KHz 0101-1300 3467 KHz 1301-0100 (5658) KHz H24 118.9 (120.95) MHz H24	See page ENR 2.1-51

飞行情报区和管制区 FLIGHT INFORMATION REGIONS AND CONTROL AREAS

名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZWWW AR02 N434800 E0803224 N435648 E0811818 N441318 E0841712 N441628 E0845532 N433300 E0864200 N432051 E0871058 N433218 E0875636 N472506 E0902742 National boundaries N434800 E0803224 12 500m GND	乌鲁木齐区域管制室 Urumqi ACC	乌鲁木齐区域 中、英 Urumqi Control Ch, En	119.3 (132.65) MHz H24	
ZWWW AR03 N434800 E0803224 N435648 E0811818 N441318 E0841712 N441628 E0845532 N433300 E0864200 N432051 E0871058 N420324 E0863400 N420305 E0861552 N421238 E0840005 N424130 E0814421 N425344 E0803515 National boundaries N434800 E0803224 12 500m GND	乌鲁木齐区域管制室 Urumqi ACC	乌鲁木齐区域 中、英 Urumqi Control Ch, En	128.15 (132.65) MHz H24	
ZWWW AR04 N472506 E0902742 N433218 E0875636 N432051 E0871058 N420324 E0863400 N414333 E0864436 N411000 E0870249 N401606 E0902422 N421914 E0902829 N425404 E0901508 N443000 E0911500 N450743 E0911618 National boundaries N472506 E0902742 12 500m GND	乌鲁木齐区域管制室 Urumqi ACC	乌鲁木齐区域 中、英 Urumqi Control Ch, En	134.2 (120.95) MHz H24	

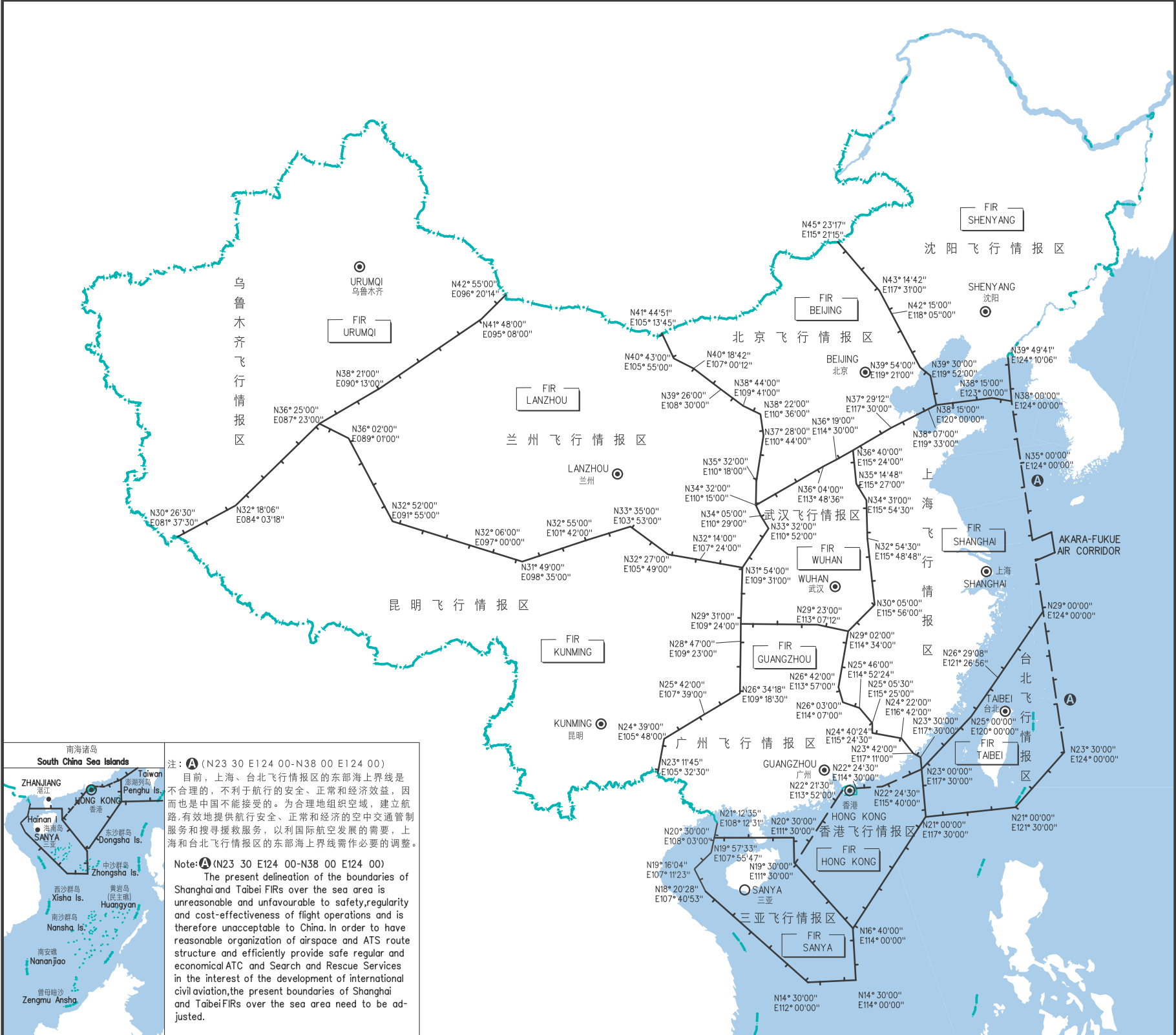
飞行情报区和管制区 FLIGHT INFORMATION REGIONS AND CONTROL AREAS

名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZWWW AR05 N394659 E0921029 N382100 E0901300 N362500 E0872300 N321806 E0840318 N302630 E0813730 National boundaries N383015 E0745129 N382150 E0770943 N371744 E0780201 N372807 E0803015 N400424 E0860000 N411000 E0870249 N401606 E0902422 N394659 E0921029 12 500m <hr/> GND ZWWW AR06 N383015 E0745129 N382150 E0770943 N371744 E0780201 N372807 E0803015 N400424 E0860000 N411000 E0870249 N414333 E0864436 N420324 E0863400 N420305 E0861552 N421238 E0840005 N424130 E0814421 N425344 E0803515 National boundaries N383015 E0745129 12 500m <hr/> GND	乌鲁木齐区域管制室 Urumqi ACC	乌鲁木齐区域 中、英 Urumqi Control Ch, En	119.375(127.55)MHz By ATC	
ZWWW AR06 N383015 E0745129 N382150 E0770943 N371744 E0780201 N372807 E0803015 N400424 E0860000 N411000 E0870249 N414333 E0864436 N420324 E0863400 N420305 E0861552 N421238 E0840005 N424130 E0814421 N425344 E0803515 National boundaries N383015 E0745129 12 500m <hr/> GND	乌鲁木齐区域管制室 Urumqi ACC	乌鲁木齐区域 中、英 Urumqi Control Ch, En	125.95(127.55)MHz By ATC	
11. 武汉飞行情报区 Wuhan FIR 11.1 武汉管制区 Wuhan Control Area ZHHH AR01 Lateral limits: same as ZGGG AR16 7 800m <hr/> GND	武汉区域管制室 Wuhan ACC	武汉管制 中、英 Wuhan Control Ch, En	8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24 119.7 (133.75) MHz H24	See page ENR 2.1-51

飞行情报区和管制区 FLIGHT INFORMATION REGIONS AND CONTROL AREAS

名称、横向限制和垂直限制 Name Lateral limits Vertical limits	提供服务的单位 Unit providing service	呼号、语言 Call sign Languages	频率(备用频率) 服务时间 Frequency(SEC FREQ) Hours of service	附注 Remarks
ZHHH AR02 Lateral limits: same as ZGGG AR15 7 800m — GND	武汉区域管制室 Wuhan ACC	武汉管制 中、英 Wuhan Control Ch, En	134.35 (132.95) MHz 0000-1530	
ZHHH AR03 Lateral limits: same as ZGGG AR17 7 800m — GND	武汉区域管制室 Wuhan ACC	武汉管制 中、英 Wuhan Control Ch, En	119.3 (133.75) MHz 0030-1430	
11.2 郑州管制区 Zhengzhou Control Area ZHCC AR01 N364000 E1152400 N351448 E1152700 N345353 E1153943 N341731 E1144240 N342706 E1135425 N340133 E1131748 N354459 E1130031 N360400 E1134836 N361900 E1143000 N364000 E1152400 7 800m — GND ZHCC AR02 N345353 E1153943 N343100 E1155430 N325430 E1154848 N320730 E1140412 N323502 E1130153 N340133 E1131748 N342706 E1135425 N341731 E1144240 N345353 E1153943 7 800m — GND ZHCC AR03 N333200 E1105200 N323502 E1130153 N340133 E1131748 N354459 E1130031 N343200 E1101500 N340500 E1102900 N333200 E1105200. 7 800m — GND	郑州区域管制室 Zhengzhou ACC	郑州区域 中、英 Zhengzhou Control Ch, En	8897 KHz 0001-1200 3016 KHz 1201-2400 (6571) KHz H24 119.35 (133.6) MHz H24 132.85 (133.6) MHz 0000-1530 122.2 (133.2) MHz 0000-1530	

中国飞行情报区图
FLIGHT INFORMATION REGIONS OF CHINA



ENR 2.1.1 三亚飞行情报区、管制区飞行规定**ENR 2.1.1 Rules relating to flights within Sanya
FIR/CTA****1. 飞行规定****1. Flight rules**

1.1 岛内空域的飞行适用《中华人民共和国飞行基本规则》等国内规章；洋区空域的飞行适用国际民航组织有关标准和建议措施。

1.1 Flights within island airspace shall apply the domestic regulations and rules, such as General Flight Rules of the People's Republic of China; flights within oceanic airspace shall apply ICAO Standards and Recommended Practices.

1.2 岛内空域的飞行，其飞行高度、距离和速度使用中国 AIP 中规定的公制计量单位；洋区空域的飞行采用英制计量单位。

1.2 Flights within island airspace shall apply the metric system for flight level, distance and speed as specified in AIP China; flights within oceanic airspace shall follow the British System.

1.3 三亚飞行情报区的边界点、洋区空域内的航路点和管制移交点的坐标均采用 WGS-84 坐标。

1.3 The coordinates on the boundary of the Sanya FIR, the waypoints and the transfer of control points within oceanic airspace adopt WGS-84.

1.4 洋区空域:

- a. 管制空域:14 000 英尺以上空域;
- b. 管制空域以外空域(除限制区和危险区以外): 13 000 英尺以下空域;

1.4 Oceanic airspace:

- a. Controlled airspace: Airspace above 14 000ft;
- b. Airspace outside controlled airspace(Exclude restricted area and danger areas): Airspace below 13 000ft;

1.5 所有进入三亚飞行情报区的飞行应在指定报告点前 5 分钟内与三亚区域管制建立双向无线电通信。

1.5 All flights entering the Sanya FIR should establish two-way radio communication with Sanya ACC five (5) minutes before designated reporting points.

2. 三亚飞行情报区海洋低空空域飞行规定**2. Oceanic Low-level Airspace in the Sanya FIR****2.1 总则****2.1 General**

2.1.1 本规定适用于在三亚飞行情报区海洋低空空域内飞行的航空器。根据国际民用航空公约及其附件的有关标准和建议措施，空中交通管制部门仅向该空域内的航空器提供所需的飞行情报服务和告警服务。航空器在此空域内飞行时，与其他航空器或障碍物之间的安全距离由航空器驾驶员负责。

2.1.1 These provisions are applicable to aircraft operating in the Oceanic Low-level Airspace in the Sanya FIR. Only the required flight information service and alerting service are provided to aircraft in this airspace according to the pertinent International Standards and Recommended Practices contained in the Convention on International Civil Aviation and its Annexes. Maintaining safe separation with other aircraft or obstacles is the responsibility of the pilot of the aircraft when aircraft are operating in this airspace.

2.1.2 本规定除特别注明外，高度基准面为标准大气压 1013.2 百帕。

2.2 空域范围

三亚飞行情报区海洋低空空域水平范围为：N1930 E11130 - N1823 E11230 - N1640 E11400 - N1430 E11400 - N1430 E11200 - N1600 E1101734 - N1740 E10826 - N1740 E10940 - N1930 E11130 连线范围。垂直范围为：13 000 英尺（4 000 米）及以下，其中限制区和危险区除外。

2.3 飞行规则

2.3.1 三亚飞行情报区海洋低空空域内按仪表飞行规则（IFR）飞行的航空器，其巡航高度层应当按照国际民用航空公约附件二规定的仪表飞行规则巡航高度层配备。

2.3.2 三亚飞行情报区海洋低空空域内按目视飞行规则（VFR）飞行的航空器，其巡航高度层应当按照国际民用航空公约附件二规定的目视飞行规则的巡航高度层配备。

2.3.3 在三亚飞行情报区海洋低空空域内，航空器按目视飞行规则飞行，应当遵守下列规定：

2.3.3.1 在平均海平面高度 3 050 米（10 000 英尺）或以上飞行时，航空器离云的水平距离不小于 1 500 米，垂直距离不小于 300 米（1 000 英尺），能见度不小于 8 千米。

2.3.3.2 在平均海平面高度 3 050 米（10 000 英尺）以下飞行时，航空器离云的水平距离不小于 1 500 米，垂直距离不小于 300 米（1 000 英尺），能见度不小于 5 千米。

2.3.3.3 当航空器在平均海平面高度 900 米（3 000 英尺）及以下时，应保持在云外且

2.1.2 Unless indicated otherwise, the altitude reference surface shall be 1013.2 Hectopascals (standard atmospheric pressure).

2.2 Scope of the airspace

The lateral limits of the Oceanic Low-level Airspace in the Sanya FIR is delineated by connecting the following geographical coordinates: N1930 E11130; N1823 E11230; N1640 E11400; N1430 E11400; N1430 E11200; N1600 E1101734; N1740 E10826; N1740 E10940; N1930 E11130. The vertical limits is 13,000 feet (4 000 meters) and below except for restricted areas and danger areas.

2.3 Flight rules

2.3.1 The cruising level of aircraft operating in the Oceanic Low-level Airspace in the Sanya FIR under instrument flight rules (IFR) shall be allotted according to instrument flight rules specified in Annex 2 to the Convention on International Civil Aviation.

2.3.2 The cruising level of aircraft operating in the Oceanic Low-level Airspace in the Sanya FIR under visual flight rules (VFR) shall be allotted according to visual flight rules specified in Annex 2 to the Convention on International Civil Aviation.

2.3.3 Aircraft operating in the Oceanic Low-level Airspace in the Sanya FIR under VFR shall comply with the following provisions:

2.3.3.1 Aircraft, when operating at or above 3 050m (10 000ft) (AMSL), shall keep a distance from the cloud not less than 1 500m horizontally and 300m (1 000ft) vertically, and the visibility shall not be less than 8km.

2.3.3.2 Aircraft, when operating below 3 050m (10 000ft) (AMSL), shall keep a distance from the cloud not less than 1 500m horizontally and 300m (1 000ft) vertically, and for which the visibility shall not be less than 5km.

2.3.3.3 The flight visibility shall not be less than 5km for aircraft that are operating at or below 900m (3 000ft) (AMSL)

能见海面或地面飞行，能见度应当不小于 5 千米。

2.3.3.4 当航空器在平均海平面高度 900 米（3 000 英尺）及以下，保持在云外飞行，且指示空速（IAS）不大于 140 海里/小时（250 千米/小时），能保证航空器驾驶员有足够的时间观察并避让其他的航空器或者障碍物时，能见度应当不小于 1 500 米。

2.3.3.5 当直升机在平均海平面高度 900 米（3 000 英尺）及以下，并保持在云外飞行，且飞行速度能保证航空器驾驶员有足够的时间观察并避让其他的航空器或者障碍物时，允许能见度小于 1 500 米。

2.3.4 航空器在平均海平面高度 3 050 米（10 000 英尺）以下飞行时，其速度限制为指示空速（IAS）不得大于 250 海里/小时（463 千米/小时）。

2.3.5 按照仪表飞行规则（IFR）飞行的航空器在三亚飞行情报区海洋低空空域内飞行时，应当与三亚管制中心建立持续的双向通信联系。在海洋低空空域内按照目视飞行规则（VFR）飞行的航空器，应当守听三亚区域管制中心指定的频率，并在需要时与三亚区域管制中心建立通信联系。

2.4 运行管理

2.4.1 三亚区域管制中心对在三亚飞行情报区海洋低空空域内飞行的航空器不提供空中交通管制服务，即不配备管制间隔及发布空中交通管制许可。如航空器驾驶员需要，可以向三亚区域管制中心申请，以获得有关飞行情报服务和告警服务。

2.4.2 在三亚飞行情报区海洋低空空域内按照仪表飞行规则（IFR）飞行的航空器，应当在预计起飞时间 1 小时前，向三亚区域管制中心提交飞行计划。

meanwhile keeping clear of clouds and in visual contact of the sea surface or ground surface.

2.3.3.4 The flight visibility shall not be less than 1 500m for aircraft that are operating at or below 900m (3 000ft) (AMSL) meanwhile keeping clear of clouds and at an indicated airspeed (IAS) of not more than 140kt (250km/h) with sufficient time ensured for the pilot to observe and avoid other aircraft or obstacles.

2.3.3.5 The flight visibility may be less than 1 500m for helicopters that are operating at or below 900m (3 000ft) (AMSL) meanwhile keeping clear of clouds and the flying speed of which can ensure that the pilot has sufficient time to observe and avoid other aircraft or obstacles.

2.3.4 Aircraft operating below 3 050m (10 000ft) (AMSL) shall not fly at an indicated airspeed (IAS) of more than 250kt (463km/h).

2.3.5 Aircraft operating in the Oceanic Low-level Airspace in the Sanya FIR under IFR shall establish constant two-way communication contact with Sanya Area Control Center. Aircraft operating in Oceanic Low-level Airspace in Sanya FIR under VFR shall keep a constant watch on the frequency specified by Sanya Area Control Center and make contacts therewith when necessary.

2.4 Operational Management

2.4.1 Sanya Area Control Center does not provide air traffic control service to aircraft operating in the Oceanic Low-level Airspace in the Sanya FIR, which means no controlled separation is provided and no air traffic control clearance is issued. The pilot may, as he needs, request relevant flight information service and alerting service from Sanya Area Control Center.

2.4.2 Aircraft intending to operate in the Oceanic Low-level Airspace in the Sanya FIR under IFR shall file a flight plan to Sanya Area Control Center one hour before the estimated time of departure.

2.4.3 进出三亚飞行情报区海洋低空空域的航空器在穿越水平边界时, 必须与三亚区域管制中心建立双向通信联系, 向三亚区域管制中心报告。

2.4.4 从三亚飞行情报区海洋低空空域进入三亚飞行情报区海洋管制空域的航空器, 应当在预计进入前 10 分钟与三亚区域管制中心建立双向通信联系, 提出申请并说明飞行高度层、预计进入时间及进入点, 以取得管制许可。

2.4.5 在三亚飞行情报区海洋低空空域内飞行的航空器, 只有在与三亚区域管制中心建立双向通信联系并获得管制许可的情况下, 方可以在距离岛内管制空域边界 20 海里 (37 千米) 的范围内飞行。

2.4.6 配备 A/C 模式或 S 模式二次雷达应答机的航空器在三亚飞行情报区海洋低空空域内飞行时, 应当打开机载应答机。应答机编码按照空中交通管制员指定的编码进行设置, 或者按照仪表飞行规则 (IFR) 飞行的航空器, 应答机编码设置为 A2000, 按照目视飞行规则 (VFR) 飞行的航空器, 应答机编码设置为 A1200。

2.5 通信

2.5.1 三亚飞行情报区海洋低空空域内指定的频率:

02 号扇区:

甚高频 (VHF): 122.6 (123.65) MHz

高频 (HF): 11396KHZ (日频)

3485KHZ (夜频)

5655KHZ (备频)

应急频率: 121.5MHz。

2.4.3 Aircraft intending to enter or leave the Oceanic Low-level Airspace in the Sanya FIR shall establish two-way communication contact with Sanya Area Control Center and make reports thereto before crossing the horizontal boundaries.

2.4.4 Aircraft intending to enter the Oceanic Controlled Airspace in the Sanya FIR from the Oceanic Low-level Airspace in the Sanya FIR shall, in order to obtain a control clearance, establish two-way communication contact 10 minutes before the estimated time of entry with Sanya Area Control Center and make the request providing such information as flight level, estimated time of entry and entry point.

2.4.5 Only after two-way communication contact has been established with, and a control clearance obtained from Sanya Area Control Center, may an aircraft in the Oceanic Low-level Airspace in the Sanya FIR operate in the area of 20nm(37km) from the boundary of the Controlled Airspace above Hainan Island.

2.4.6 Aircraft equipped with A/C mode or S mode transponders of Secondary Radar, when operating in the Oceanic Low-level Airspace in the Sanya FIR, shall set their transponders on, and set the transponder codes assigned by the air traffic controller, or A2000 in case of IFR operations and A1200 in case of VFR operations.

2.5 Communications

2.5.1 Frequencies prescribed for use in the Oceanic Low-level Airspace in the Sanya FIR:

ZJSY AR02:

VHF: 122.6(123.65)MHz

HF: 11396KHZ(HJ)

3485KHZ(HN)

5655KHZ(HO)

Emergency frequency: 121.5MHz.

03 号扇区:

甚高频 (VHF): 130.2 (134.4) MHz

高频 (HF): 8942KHZ (日频)

5649KHZ (夜频)

13309KHZ (备频)

应急频率: 121.5MHz.

ZJSY AR03:

VHF: 130.2(134.4)MHz

HF: 8942KHZ(HJ)

5649KHZ(HN)

13309KHZ(HO)

Emergency frequency: 121.5MHz.

三亚区域管制中心联系方式:

电话: (+86)-898-88289755

传真: (+86)-898-88289851

Numbers for contact with Sanya Area Control Center:

Telephone: (+86)-898-88289755

Facsimile: (+86)-898-88289851

3. 三亚飞行情报区飞行计划要求

3. Flight Planning Requirement for Sanya FIR

3.1 飞行计划提交程序

3.1 Procedures for the submission of flight plans

3.1.1 所有进入三亚飞行情报区的航空器, 必须填写飞行计划并发至三亚区域管制中心 (ZJSYZRZX)、民航中南管理局调度室 (ZGGGZBZX) 和中国民用航空局空中交通管理局运行管理中心 (ZBBBZGZX), 飞行计划必须依照国际民航组织文件 DOC4444 RAC/501 有关规定填写。

3.1.1 All aircraft intending to fly within the Sanya FIR must file a flight plan to Sanya ACC (ZJSYZRZX), the Regional Administration of Civil Aviation of Middle-South China (ZGGGZBZX), and Operations Management Center of the Civil Aviation Administration of China (ZBBBZGZX). The flight plan must be submitted in accordance with the provisions of ICAO DOC 4444 RAC/501.

3.1.2 所有在三亚飞行情报区内机场起降的航空器, 以及飞经三亚飞行情报区内空中交通服务航路 A202 的国家航空器, 应按照国家飞行计划申请程序, 预先从中国民用航空局空中交通管理局运行管理中心 (ZBBBZGZX) 获得许可, 详见中国 AIP CHINA, GEN 1.2。

3.1.2 All aircraft departing from or landing at airports within Sanya FIR, and state aircraft intending to operate on ATS route A202, shall get prior approval from the Operations Management Center of CAAC (ZBBBZGZX) in accordance with the existing flight plan application procedures, which are detailed in GEN 1.2 of AIP China.

3.1.3 计划在 A202 航路上运行的定期航班的航空器营运人应提前 2 个月将各季度的航班时刻表提交到 ZBBBZGZX、ZGGGZBZX、ZBBBCJXX 和 ZJSYZRZX, 得到批准后方可实施。对于在 A1、L642、M771 和 N892 航路上运行的定期航班, 航空器运营人也需提前 2 个月将各季度的航班时刻表提交到上述地址, 但不需得到批准。

3.1.3 Operators of scheduled flights intending to operate on route A202 shall submit the flight schedule of each season to ZBBBZGZX, ZGGGZBZX, ZBBBCJXX and ZJSYZRZX two months in advance, the operation can be carried out only if approval has been given. For scheduled flights operating on routes A1, L642, M771 and N892, operators are requested to also submit the flight schedule of each season to the above addresses two months in advance. However, no approval will be necessary for these flights to operate.

3.1.4 计划在 A202 航路上运行的非定期航

班的航空器营运人应提前 3 天向 ZBBBZGZX、ZGGGZBZX 和 ZJSYZRZX 提交飞行申请，得到批准后方可实施。对于在 A1、L642、M771 和 N892 航路上运行的非定期航班，不需要事先申请批准。

3.1.5 所有计划在三亚飞行情报区内运行的航空器营运人应至少在预计起飞时间前 60 分钟提交飞行计划。

3.1.6 任何计划进入或飞越三亚飞行情报区的航空器，若其国籍登记代码/号码与飞行计划表格第 7 项中的航空器识别标志不一致，必须在飞行计划表格第 18 项中填入其国籍登记代码/号码，同时填入到达三亚飞行情报区积累的预计经过时间（EET）。

3.2 区域导航航路和 RNP10 导航要求

在区域导航航路 L642、M771、和 N892 上运行的航空器必须满足 RNP10 要求，并在国际民航组织飞行计划表格第 10 项中标注字母“R”以表明其导航性能满足要求。如果航空器必须使用 L642、M771 或 N892 航路但不能满足 RNP10 的最低导航要求，则必须在 FL280 或以下高度运行，除非事先得到 ATC 的允许可以使用其他高度。无 RNP 认证的航空器的驾驶员可在飞行计划表格第 18 项中填入 RMK/REQ FL（填入高度层）以表明其所愿意飞的较高的高度。然而，能否选择喜欢的高度层取决于 ATC 的协调和指令。

3.1.4 Operators of non-scheduled flights intending to operate on A202 shall submit the flight application to ZBBBZGZX, ZGGGZBZX and ZJSYZRZX three days in advance, the operation can be carried out only if approval has been given. For non-scheduled flights operating on routes A1, L642, M771 and N892, no prior application for approval will be necessary.

3.1.5 For all aircraft intending to operate within the Sanya FIR, operators shall file the flight plan at least 60 minutes prior to the estimated time of departure.

3.1.6 Any aircraft planning to enter or transit the Sanya FIR must insert in Item 18 of the flight plan form the national registration letters/numbers of the aircraft if different from the aircraft identification in Item 7, and fill the accumulated estimated elapsed time (EET) to the Sanya FIR.

3.2 RNAV Routes and RNP 10 Navigation Requirements

Aircraft intending to operate on RNAV routes L642, N892 and M771 must meet the requirements of RNP 10 approved and must indicate their RNP approval with the letter 'R' in Item 10 of the ICAO Flight Plan. If an aircraft must file flight plan of routes L642, M771 or N892 and can not meet the minimum navigation requirements of RNP10, they must operate at or below FL280 unless prior approval for other flight levels has been obtained from ATC. Pilots of Non-RNP approved aircraft may indicate their preferred higher altitude in Item 18 of the ICAO Flight Plan as RMK/REQ FL (insert level). However, approval to operate at the preferred level will be subject to ATC coordination and clearance.