

ENR 3.2 国际航路 INTERNATIONAL AIR ROUTES

ENR 3.2.1 A 系列航路 Air routes of Series A

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name,Type,Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
A1					
▲ BUNTA			N16° 50.0′ E109° 23.7′		
	057° /237° 63NM	2 000FT	28	↓ ↑	Sanya ACC
△ LENKO			N17° 25.0′ E110° 18.0′		
	057° /237° 134NM	2 000FT	80	↓ ↑	Sanya ACC
▲ IKELA			N18° 39.7′ E112° 14.7′		
A1 航路 RVSM、RNP10 及横向偏移程序的相关规定见 ENR3.3.2.1、ENR3.3.2.2、ENR3.3.2.3。 Relevant rules about RVSM, RNP10 and strategic lateral offset procedures of route A1 see ENR3.3.2.1, ENR3.3.2.2, ENR3.3.2.3.					
A202					
▲ SIKOU			N20° 50.6′ E111° 30.0′		
RNAV2	252° /072° 65	650	20	↓ ↑	Sanya ACC(Above 7 800m) Zhanjiang ACC(7 800m or below)
▲ ISBIG			N20° 38.7′ E110° 54.5′		
RNAV2	252° /072° 46	797	20	↓ ↑	Sanya ACC(Above 7 800m) Zhanjiang ACC(7 800m or below)
▲ SAMAS			N20° 30.3′ E110° 29.7′		
RNAV2	232° /052° 36	1 455	20	↓ ↑	Sanya ACC(Above 7 200m) Haikou APP (7 200m or below)
▲ AGPOR			N20° 18.2′ E110° 13.8′		
RNAV2	232° /052° 139	1 455	20	↓ ↑	Sanya ACC(Above 7 200m) Haikou APP(7 200m or below)
▲ DABUB			N19° 31.2′ E109° 11.6′		
RNAV2	232° /052° 206	1 455	20	↓ ↑	DABUB: Sanya ACC(Above 7 200m) Haikou APP(7 200m or below) ASSAD: Sanya ACC(Above 7 200m) Sanya APP(7 200m or below)
▲ ASSAD			N18° 20.5′ E107° 40.9′		
A326					
▲ ANRAT			N38° 39.5′ E119° 57.4′		
RNAV2	108° /288° 25	867	20	↓ ↑	Dalian ACC
▲ UNSEK			N38° 36.8′ E120° 14.1′		
RNAV2	108° /288° 28	867	20	↓ ↑	Dalian ACC

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
▲ ALARA			N38° 33.7'	E120° 33.1'	
RNAV2	108° /288° 53	800	20	↓ ↑	Dalian ACC
▲ MAKNO			N38° 27.8'	E121° 08.9'	
RNAV2	108° /288° 9	800	20	↓ ↑	Dalian ACC
▲ NUNDU			N38° 26.9'	E121° 14.8'	
RNAV2	108° /288° 19	800	20	↓ ↑	Dalian ACC
△ DOBGA			N38° 24.8'	E121° 27.5'	
RNAV2	108° /288° 71	800	20	↓ ↑	Dalian ACC
▲ POVAG			N38° 16.7'	E122° 15.1'	
RNAV2	108° /288° 18	800	20	↓ ↑	Dalian ACC
▲ SANKO			N38° 15.0'	E122° 27.2'	
RNAV2	142° /322° 24	600	20	↓ ↑	Dalian ACC
▲ OBDIS			N38° 05.9'	E122° 39.0'	
RNAV2	142° /322° 85	600	20	↓ ↑	Dalian ACC
△ DONVO			N37° 34.0'	E123° 20.0'	
RNAV2	185° /005° 82	600	20	↓ ↑	Dalian ACC
▲ IKEKA			N36° 49.9'	E123° 21.3'	
RNP4	185° /005° 47	600	20	↓ ↑	Qingdao ACC
▲ OMLIB			N36° 24.7'	E123° 22.0'	
RNP4	185° /005° 157	600	20	↓ ↑	Qingdao ACC
▲ DOPNO			N35° 00.0'	E123° 24.3'	
RNP4	185° /005° 20	600	20	↓ ↑	Shanghai ACC
▲ IVPIP			N34° 49.2'	E123° 25.2'	
RNP4	185° /005° 81	600	20	↓ ↑	Shanghai ACC
▲ IKADI			N34° 05.5'	E123° 29.0'	
RNP4	185° /005° 258	600	20	↓ ↑	Shanghai ACC
▲ SURAK			N31° 46.4'	E123° 29.5'	

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
RNP4	185° /005° 30	600	20	↓ ↑	Shanghai ACC
▲ AKARA			N31° 30.0'	E123° 30.0'	
RNP4	173° /353° 19	600		↓ ↑	Shanghai ACC
▲ TONIX			N31° 19.9'	E123° 32.6'	
RNP4	173° /353° 65	600		↓ ↑	Shanghai ACC
▲ MIGOL			N30° 45.8'	E123° 41.7'	
RNP4	173° /353° 134	600		↓ ↑	Shanghai ACC
▲ APITO			N29° 35.0'	E124° 00.0'	
A343					
△ POSOT			N43° 11.0'	E085° 58.4'	
RNP4	274° /094° 212	5 890		↓ ↑	Urumqi ACC
△ 那拉提 Nalati VOR/DME(NLT)			N43° 26.1'	E083° 22.9'	
RNP4	268° /088° 214	4 313		↓ ↑	Urumqi ACC RULAD:Urumqi ACC/Almaty FIR
▲ RULAD 中哈国境点			N43° 30.0'	E080° 44.0'	
A345					
▲ TELOK 中俄国境点			N49° 38.0'	E117° 22.0'	
RNP4	142° /322° 8	1 609	20	↓ ↑	TELOK:Chita FIR/Hailar ACC Hailar ACC
△ MANLI			N49° 35.0'	E117° 27.0'	
RNP4	136° /316° 59	1 609	20	↓ ↑	Hailar ACC
▲ KAGAK			N49° 16.0'	E118° 06.0'	
RNP4	102° /282° 125	1 460	20	↓ ↑	Hailar ACC
▲ 海拉尔 Hailar VOR/DME(HLD)			N49° 12.2'	E119° 49.3'	
RNP4	173° /353° 202	2 345	20	↓ ↑	Hailar ACC
▲ ABVAX			N47° 27.6'	E120° 35.4'	
RNP4	173° /353° 133	2 345	20	↓ ↑	Hailar ACC
▲ ELPUN			N46° 18.4'	E121° 04.3'	
RNAV2	173° /353° 45	1 992	20	↓ ↑	Shenyang ACC

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹(磁) 距离(千米) Track(MAG) DIST(km)	最低飞行 高度(米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
▲ IKITI			N45° 54.9'	E121° 14.1'	
RNAV2	158° /338° 133	1 944	20	↓ ↑	Shenyang ACC
▲ APUKO			N44° 53.7'	E122° 07.1'	
RNAV2	158° /338° 124	809	20	↓ ↑	Shenyang ACC
▲ DULEX			N43° 56.3'	E122° 55.7'	
RNAV2	158° /338° 42	802	20	↓ ↑	Shenyang ACC
▲ UGRUP			N43° 36.9'	E123° 11.9'	
RNAV2	158° /338° 127	1 034	20	↓ ↑	Shenyang ACC
▲ 开原 Kaiyuan VOR/DME(KYU)			N42° 37.9'	E124° 00.4'	
RNAV2	183° /003° 90	1 900	20	↓ ↑	Shenyang ACC
▲ EKVOK			N41° 49.4'	E124° 06.6'	
RNAV2	183° /003° 47	1 900	20	↓ ↑	Shenyang ACC
▲ BIDIB			N41° 24.4'	E124° 09.8'	
RNAV2	184° /004° 14	1 900	20	↓ ↑	Shenyang ACC
▲ VILIX			N41° 16.9'	E124° 10.4'	
RNAV2	184° /004° 26	1 900	20	↓ ↑	Shenyang ACC
▲ ANSUK			N41° 02.9'	E124° 11.6'	
RNAV2	184° /004° 88	1 900	20	↓ ↑	Shenyang ACC
▲ 丹东 Dandong VOR/DME(DDG)			N40° 15.4'	E124° 17.0'	
RNAV2	114° /294° 20	1 436	20	↓ ↑	Shenyang ACC GOLOT:Shenyang ACC/Pyongyang FIR
▲ GOLOT 中朝国境点			N40° 12.5'	E124° 30.5'	
A364					
▲ 叶尔羌 Yarkant VOR/DME(DSC)			N38° 13.3'	E077° 04.3'	
RNP4	344° /164° 56	2 399	20	↓ ↑	Urumqi ACC
△ ANKIV			N38° 42.5'	E076° 56.0'	
RNP4	316° /136° 122	2 700	20	↓ ↑	Urumqi ACC
▲ 喀什 Kashi VOR/DME(KHG)			N39° 32.8'	E076° 01.4'	

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name,Type,Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
A368					
▲阜康 Fukang VOR/DME(FKG)			N44° 10.4′ E087° 59.0′		
RNP4	304° /124° 30	2 350	20	↓ ↑	Urumqi ACC
△ VARM I			N44° 20.1′ E087° 41.1′		
RNP4	304° /124° 40	1 082	20	↓ ↑	Urumqi ACC
△ UGPEL			N44° 33.1′ E087° 17.2′		
RNP4	304° /124° 30	1 059	20	↓ ↑	Urumqi ACC
△ IKARA			N44° 43.3′ E086° 59.6′		
RNP4	304° /124° 20	1 072	20	↓ ↑	Urumqi ACC
△ OMKEN			N44° 50.0′ E086° 48.0′		
RNP4	304° /124° 157	1 502	20	↓ ↑	Urumqi ACC
▲ SALMO			N45° 41.9′ E085° 13.3′		
RNP4	304° /124° 104	3 200	20	↓ ↑	Urumqi ACC
△ PIBIG			N46° 15.3′ E084° 08.1′		
RNP4	304° /124° 76	3 200	20	↓ ↑	Urumqi ACC
△塔城 Tacheng VOR/DME(TCH)			N46° 40.1′ E083° 20.7′		
RNP4	297° /117° 41	2 762	20	↓ ↑	Urumqi ACC
▲ SARIN 中哈国境点			N46° 51.9′ E082° 53.3′		
A460					
▲龟兹 Qiuci VOR/DME(XKC)			N41° 40.6′ E082° 50.6′		
RNP4	318° /138° 145	5 586	20	↓ ↑	Urumqi ACC
▲ IDMOL			N42° 41.5′ E081° 44.4′		
RNP4	313° /133° 121	5 503	20	↓ ↑	Urumqi ACC RULAD:Urumqi ACC/Almaty FIR
▲ RULAD 中哈国境点			N43° 30.0′ E080° 44.0′		
航线高度 7 500 米至 12 500 米。 En-route altitude 7 500m—12 500m.					
A461					
▲魏县 Weixian VOR/DME(WXI)			N36° 21.8′ E114° 55.0′		

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
RNAV2	189° /009° 186	735	20	↓ ↑	Beijing ACC(Above 7 800m) Zhengzhou ACC(7 800m or below)
▲ AKOMA			N34° 41.5'	E114° 45.2'	
RNAV2	189° /009° 44	735	20	↓ ↑	Beijing ACC(Above 7 800m) Zhengzhou ACC(7 800m or below)
▲ IDULA			N34° 18.1'	E114° 42.9'	
RNAV2	189° /009° 71	735	20	↓ ↑	Beijing ACC(Above 7 800m) Zhengzhou ACC(7 800m or below)
▲ 周口 Zhokou VOR/DME(ZHO)			N33° 39.9'	E114° 39.3'	
RNAV2	189° /009° 149	716	20	↓ ↑	Beijing ACC(Above 7 800m) Zhengzhou ACC(7 800m or below)
▲ OBLIK			N32° 19.8'	E114° 31.5'	
RNAV2	189° /009° 68	1 408	20	↓ ↑	Guangzhou ACC(Above 7 800m) Wuhan ACC(7 800m or below)
▲ ESDOS			N31° 43.3'	E114° 28.1'	
RNAV2	189° /009° 44	1 382	20	↓ ↑	Guangzhou ACC(Above 7 800m) Wuhan ACC(7 800m or below)
▲ 河口 Hekou VOR/DME(HOK)			N31° 19.5'	E114° 25.8'	
RNAV2	208° /028° 172	1 473	20	↓ ↑	Guangzhou ACC(Above 7 800m) Wuhan ACC(7 800m or below)
▲ 龙口 Longkou VOR/DME(LKO)			N29° 54.4'	E113° 41.5'	
RNAV2	187° /007° 72	1 793	20	↓ ↑	Guangzhou ACC(Above 7 800m) Wuhan ACC(7 800m or below)
▲ DAPRO			N29° 15.5'	E113° 38.4'	
RNAV2	187° /007° 56	2 187	20	↓ ↑	Guangzhou ACC(Above 7 800m) Changsha ACC(7 800m or below)
▲ AKUBA			N28° 45.3'	E113° 36.0'	
RNAV2	187° /007° 30	2 171	20	↓ ↑	Guangzhou ACC(Above 7 800m) Changsha ACC(7 800m or below)
▲ LUMKO			N28° 28.9'	E113° 34.9'	
RNAV2	187° /007° 42	2 171	20	↓ ↑	Guangzhou ACC(Above 7 800m) Changsha ACC(7 800m or below)
▲ PAVTU			N28° 06.3'	E113° 33.4'	
RNAV2	187° /007° 51	1 417	20	↓ ↑	Guangzhou ACC(Above 7 800m) Changsha ACC(7 800m or below)
▲ 醴陵 Liling VOR/DME(LIG)			N27° 38.9'	E113° 31.0'	
RNAV2	---/004° 199	2 642	20	↑	Guangzhou ACC(Above 7 800m) Changsha ACC(7 800m or below)
▲ BUBDA			N25° 52.1'	E113° 27.8'	
RNAV2	---/004° 186	2 642	20	↑	Guangzhou ACC

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
▲ 英德 Yingde VOR/DME(YIN)			N24° 11.4'	E113° 24.9'	
RNAV2	---/342° 130	1 881		↑	Guangzhou ACC
▲ 石龙 Shilong VOR/DME(SHL)			N23° 05.5'	E113° 51.0'	
RNAV2	---/337° 24	1 567		↑	Guangzhou ACC
▲ IDUMA			N22° 53.8'	E113° 57.1'	
RNAV2	---/337° 43	1 567		↑	Guangzhou ACC BEKOL:Guangzhou ACC/Hong Kong FIR
▲ BEKOL			N22° 32.6'	E114° 08.0'	
A468					
▲ KAMUD 中吉国境点			N41° 34.0'	E078° 50.0'	
RNP4	084° /264° 333	6 488	20	↓ ↑	Urumqi ACC
▲ 龟兹 Qiuci VOR/DME(XKC)			N41° 40.6'	E082° 50.6'	
A470					
▲ 邳县 Pixian VOR/DME(DPX)			N34° 16.7'	E117° 59.9'	
RNAV2	169° /349° 31	807		↓ ↑	Shanghai ACC(Above 6 000m)
▲ MEXUP			N34° 00.6'	E118° 05.8'	
RNAV2	169° /349° 23	661		↓ ↑	Shanghai ACC(Above 6 000m)
▲ DALNU			N33° 48.8'	E118° 10.1'	
RNAV2	169° /349° 69	709		↓ ↑	Shanghai ACC(Above 6 000m)
▲ RUPUD			N33° 13.2'	E118° 23.0'	
RNAV2	169° /349° 64	849		↓ ↑	Shanghai ACC(Above 6 000m)
▲ 半塔集 Bantaji NDB(OF)			N32° 40.4'	E118° 34.7'	
RNAV2	164° /344° 101	1 069		↓ ↑	Shanghai ACC(Above 6 000m)
▲ DOGVI			N31° 49.2'	E118° 57.8'	
RNAV2	164° /344° 20	1 069		↓ ↑	Shanghai ACC(Above 6 000m)
▲ OLRIS			N31° 39.0'	E119° 02.4'	
RNAV2	170° /350° 10	1 059		↓ ↑	Shanghai ACC(Above 6 000m)
▲ SAPIN			N31° 33.9'	E119° 04.0'	

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
RNAV2	148° /328° 51	1 470		↓ ↑	Shanghai ACC(Above 6 000m)
▲ TESIG			N31° 11.8'	E119° 23.3'	
RNAV2	148° /328° 67	1 470		↓ ↑	Shanghai ACC(Above 6 000m)
▲ IGRAT			N30° 43.0'	E119° 48.4'	
RNAV2	148° /328° 16	1 470		↓ ↑	Shanghai ACC(Above 6 000m)
▲ UDOLA			N30° 36.1'	E119° 54.3'	
RNAV2	148° /328° 41	1 470		↓ ↑	Shanghai ACC(Above 6 000m)
▲ 笕桥 Jianqiao NDB(CJ)			N30° 18.3'	E120° 10.0'	
RNAV2	224° /044° 77	1 846		↓ ↑	Shanghai ACC(Above 6 000m)
▲ 桐庐 Tonglu VOR/DME(TOL)			N29° 45.8'	E119° 39.6'	
RNAV2	188° /008° 15	1 910		↓ ↑	Shanghai ACC(Above 6 000m)
▲ UGAGO			N29° 37.7'	E119° 39.0'	
RNAV2	188° /008° 22	1 910		↓ ↑	Shanghai ACC(Above 6 000m)
▲ ENLET			N29° 26.0'	E119° 38.8'	
RNAV2	188° /008° 39	1 910		↓ ↑	Shanghai ACC(Above 6 000m)
▲ OSPAM			N29° 05.1'	E119° 37.2'	
RNAV2	188° /008° 80	2 130		↓ ↑	Shanghai ACC(Above 6 000m)
▲ PABMU			N28° 22.3'	E119° 34.6'	
RNAV2	188° /008° 30	2 140		↓ ↑	Shanghai ACC(Above 6 000m)
▲ 云和 Yunhe NDB(BZ)			N28° 06.1'	E119° 33.7'	
RNAV2	184° /004° 74	2 290		↓ ↑	Shanghai ACC(Above 6 000m)
▲ DAGMO			N27° 26.2'	E119° 33.4'	
RNAV2	184° /004° 20	2 171		↓ ↑	Shanghai ACC(Above 7 800m) Xiamen ACC(6 000m - 7 800m)
▲ AKAVO			N27° 15.6'	E119° 33.4'	
RNAV2	184° /004° 115	2 171		↓ ↑	Shanghai ACC(Above 7 800m) Xiamen ACC(6 000m(exclusive)-7 800m)
▲ 连江 Lianjiang VOR/DME(LJG)			N26° 13.2'	E119° 32.9'	

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name,Type,Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
RNAV2	201° /021° 56	1 650		↓ ↑	Shanghai ACC(Above 7 800m) Xiamen ACC(6 000m(exclusive)-7 800m)
▲福清 Fuqing VOR/DME(FQG)			N25° 44.4′ E119° 23.1′		
RNAV2	230° /050° 65	1 775		↓ ↑	Shanghai ACC(Above 7 800m) Xiamen ACC(7 800m or below)
▲ ENVEN			N25° 20.5′ E118° 55.1′		
RNAV2	230° /050° 41	1 775		↓ ↑	Shanghai ACC(Above 7 800m) Xiamen ACC(7 800m or below)
▲ ATSAB			N25° 05.6′ E118° 37.1′		
RNAV2	230° /050° 63	1 775		↓ ↑	Shanghai ACC(Above 7 800m) Xiamen ACC(7 800m or below)
▲ AMURI			N24° 42.0′ E118° 10.1′		
RNAV2	230° /050° 21	1 775		↓ ↑	Shanghai ACC(Above 7 800m) Xiamen ACC(7 800m or below)
▲杏林 Xinglin VOR/DME(XLN)			N24° 33.9′ E118° 00.9′		
RNAV2	231° /051° 71	1 811		↓ ↑	Shanghai ACC(Above 7 800m) Xiamen ACC(7 800m or below)
▲ TEBON			N24° 08.3′ E117° 30.1′		
RNAV2	225° /045° 56	1 649		↓ ↑	Shanghai ACC(Above 7 800m) Xiamen ACC(7 800m or below)
▲ IKATA			N23° 45.9′ E117° 08.2′		
RNAV2	229° /049° 52	1 649		↓ ↑	Guangzhou ACC
▲汕头 Shantou VOR/DME(SWA)			N23° 26.4′ E116° 46.0′		
RNAV2	220° /040° 68	1 205		↓ ↑	Guangzhou ACC
▲ BEBEM			N22° 57.0′ E116° 21.6′		
RNAV2	220° /040° 32	1 205		↓ ↑	Guangzhou ACC
▲ DOTMI			N22° 43.1′ E116° 10.1′		
RNAV2	219° /039° 59	656		↓ ↑	DOTMI: Guangzhou ACC MAGOG: Hong Kong FIR
▲ MAGOG			N22° 17.3′ E115° 49.4′		
A575					
▲ GOLOT 中朝国境点			N40° 12.5′ E124° 30.5′		
RNAV2	294° /114° 20	1 436	20	↓ ↑	Shenyang ACC
▲丹东 Dandong VOR/DME(DDG)			N40° 15.4′ E124° 17.0′		

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
RNAV2	004° /184° 88	1 900	20	↓ ↑	Shenyang ACC
▲ ANSUK			N41° 02.9' E124° 11.6'		
RNAV2	004° /184° 26	1 900	20	↓ ↑	Shenyang ACC
▲ VILIX			N41° 16.9' E124° 10.4'		
RNAV2	004° /184° 14	1 900	20	↓ ↑	Shenyang ACC
▲ BIDIB			N41° 24.4' E124° 09.8'		
RNAV2	287° /107° 73	1 632	10	↓ ↑	Shenyang ACC
▲ 东羊角 Dongyangjiao NDB(PU)			N41° 30.4' E123° 17.5'		
RNAV2	287° /107° 99	818	10	↓ ↑	Shenyang ACC
▲ 大虎山 Dahushan VOR/DME(DHN)			N41° 38.7' E122° 06.9'		
RNAV2	273° /093° 78	1 482	20	↓ ↑	Shenyang ACC
▲ OMDUS			N41° 34.5' E121° 11.0'		
RNAV2	273° /093° 63	1 482	20	↓ ↑	Shenyang ACC
▲ 朝阳 Chaoyang VOR/DME(CHG)			N41° 32.2' E120° 26.0'		
RNAV2	277° /097° 139	2 339	20	↓ ↑	Shenyang ACC
▲ IGIVU			N41° 30.3' E118° 45.9'		
RNAV2	277° /097° 27	2 460	20	↓ ↑	IGIVU: Shenyang ACC UKDUM: Beijing ACC
▲ UKDUM			N41° 29.9' E118° 26.7'		
RNAV2	291° /111° 213	2 460	20	↓ ↑	Beijing ACC
▲ ASILA			N41° 57.5' E115° 57.1'		
RNAV2	303° /123° 65	2 362	20	↓ ↑	Beijing ACC(Above 7 800m) Hohhot ACC (7 800m or below)
▲ UPREK			N42° 14.2' E115° 15.8'		
RNAV2	303° /123° 97	2 337	20	↓ ↑	Beijing ACC(Above 7 800m) Hohhot ACC (7 800m or below)
△ VANVO			N42° 37.6' E114° 12.3'		
RNAV2	303° /123° 93	1 832	20	↓ ↑	Beijing ACC(Above 7 800m) Hohhot ACC (7 800m or below)
△ UKBAD			N43° 00.7' E113° 11.4'		

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹(磁) 距离(千米) Track(MAG) DIST(km)	最低飞行 高度(米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
RNAV2	303° /123° 97	1 832	20	↓ ↑	Beijing ACC(Above 7 800m) Hohhot ACC (7 800m or below)
▲二连浩特 Erenhot VOR/DME(LHT)			N43° 24.8'	E112° 07.6'	
RNAV2	334° /154° 15	1 639	20	↓ ↑	Beijing ACC(Above 7 800m) Hohhot ACC (7 800m or below)
▲ ESMEP			N43° 32.0'	E112° 01.5'	
RNAV2	334° /154° 19	1 639	20	↓ ↑	Beijing ACC(Above 7 800m) Hohhot ACC (7 800m or below)
▲ INTIK 中蒙国境点			N43° 40.8'	E111° 54.1'	
BIDIB 至东羊角 NDB 航段飞行高度 7 200 米至 12 500 米; 往返同。 Segment BIDIB to Dongyangjiao NDB en-route altitudes 7 200m—12 500m; and vice versa.					
A581					
▲天河 Tianhe VOR/DME(WHA)			N30° 46.9'	E114° 12.2'	
RNAV2	241° /061° 116	1 204	20	↓ ↑	Guangzhou ACC(Above 7 800m) Wuhan ACC(7 800m or below)
▲ GUGAM			N30° 13.0'	E113° 11.1'	
RNAV2	241° /061° 177	1 204	20	↓ ↑	GUGAM: Guangzhou ACC(Above 7 800m) Wuhan ACC(7 800m or below) 临澧 Linli VOR/DME: Guangzhou ACC(Above 7 800m) Changsha ACC(7 800m or below)
▲临澧 Linli VOR/DME(LIN)			N29° 21.2'	E111° 38.9'	
RNAV2	251° /071° 97	2 118	20	↓ ↑	Guangzhou ACC(Above 7 800m) Changsha ACC(7 800m or below)
▲ NOMUK			N29° 01.8'	E110° 43.5'	
RNAV2	251° /071° 112	2 118	20	↓ ↑	Guangzhou ACC(Above 7 800m) Changsha ACC(7 800m or below)
▲ BODUV			N28° 39.2'	E109° 39.8'	
RNAV2	251° /071° 22	1 831	20	↓ ↑	Guangzhou ACC(Above 7 800m) Changsha ACC(7 800m or below)
▲花垣 Huayuan VOR/DME(HUY)			N28° 34.8'	E109° 27.0'	
RNAV2	245° /065° 33	1 831	20	↓ ↑	花垣 Huayuan VOR/DME: Guangzhou ACC(Above 7 800m) Changsha ACC(7 800m or below) EPGAL: Chengdu ACC(Above 7 800m) Guiyang ACC(7 800m or below)
▲ EPGAL			N28° 26.8'	E109° 08.7'	
RNAV2	245° /065° 151	2 174	20	↓ ↑	Chengdu ACC(Above 7 800m) Guiyang ACC(7 800m or below)
▲ TAXOR			N27° 49.7'	E107° 46.4'	

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
RNAV2	245° /065° 62	2 100	20	↓ ↑	Chengdu ACC(Above 7 800m) Guiyang ACC(7 800m or below)
△ EKADI			N27° 34.6' E107° 12.7'		
RNAV2	245° /065° 25	2 010	20	↓ ↑	Chengdu ACC(Above 7 800m) Guiyang ACC(7 800m or below)
▲ MEMAG			N27° 28.5' E106° 59.2'		
RNAV2	245° /065° 26	1 916	20	↓ ↑	Chengdu ACC(Above 7 800m) Guiyang ACC(7 800m or below)
▲ AGTIS			N27° 22.1' E106° 45.0'		
RNAV2	245° /065° 42	2 200	20	↓ ↑	Chengdu ACC(Above 7 800m) Guiyang ACC(7 800m or below)
▲ BIPIP			N27° 12.0' E106° 22.5'		
RNAV2	245° /065° 38	2 400	20	↓ ↑	Chengdu ACC(Above 7 800m) Guiyang ACC(7 800m or below)
▲ 黔西 Qianxi VOR/DME(QNX)			N27° 02.5' E106° 01.8'		
RNAV2	248° /068° 109	2 986	20	↓ ↑	Chengdu ACC(Above 7 800m) Guiyang ACC(7 800m or below)
▲ 六盘水 Liupanshui VOR/DME(LPS)			N26° 38.6' E105° 01.8'		
RNAV2	238° /058° 135	3 466	20	↓ ↑	六盘水 Liupanshui VOR/DME: Chengdu ACC(Above 7 800m) Guiyang ACC(7 800m or below) XISLI: Kunming ACC
▲ XISLI			N25° 58.5' E103° 54.0'		
RNAV2	238° /058° 116	3 894	20	↓ ↑	Kunming ACC
▲ 盘龙 Panlong VOR/DME(XFA)			N25° 24.1' E102° 56.0'		
RNAV2	231° /051° 55	3 596	20	↓ ↑	Kunming ACC
▲ 西山 Xishan VOR/DME(SGM)			N25° 04.9' E102° 31.2'		
RNAV2	212° /032° 142	3 434	20	↓ ↑	Kunming ACC
▲ ELASU			N23° 59.2' E101° 47.4'		
RNAV2	212° /032° 164	3 155	20	↓ ↑	Kunming ACC
▲ BIDRU			N22° 43.1' E100° 57.9'		
RNAV2	159° /339° 80	2 605	20	↓ ↑	Kunming ACC
▲ NOKET			N22° 02.9' E101° 15.3'		
RNAV2	159° /339° 102	2 605	20	↓ ↑	Kunming ACC
▲ SAGAG 中老国境点			N21° 11.5' E101° 37.4'		

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
EPGAL 至 AGTIS 航段飞行高度 8 100 米 (含) 至 12 500 米。 Segments between EPGAL and AGTIS, en-route altitude 8 100m—12 500m.					
A588					
▲ SANKO			N38° 15.0' E122° 27.2'		
RNAV2	340° /160° 55	600		↓ ↑	Dalian ACC
▲ UDETI			N38° 41.5' E122° 09.6'		
RNAV2	039° /219° 28	851	15	↓ ↑	Dalian ACC
▲ VENOS			N38° 54.2' E122° 19.6'		
RNAV2	039° /219° 48	851	15	↓ ↑	Dalian ACC
▲ 长海 Changhai VOR/DME(CHI)			N39° 16.0' E122° 37.0'		
RNAV2	037° /217° 99	1 789	15	↓ ↑	Dalian ACC
▲ NODAL			N40° 02.8' E123° 10.7'		
RNAV2	037° /217° 68	1 789	15	↓ ↑	Shenyang ACC
▲ TOSID			N40° 34.9' E123° 34.0'		
RNAV2	037° /217° 32	1 789	15	↓ ↑	Shenyang ACC
▲ ISKEM			N40° 50.0' E123° 45.0'		
RNAV2	037° /217° 72	1 789	15	↓ ↑	Shenyang ACC
▲ BIDIB			N41° 24.4' E124° 09.8'		
RNAV2	038° /218° 73	1 731	15	↓ ↑	Shenyang ACC
▲ NUBKI			N41° 58.8' E124° 35.9'		
RNAV2	036° /216° 105	1 731	15	↓ ↑	Shenyang ACC
▲ LEMOT			N42° 49.5' E125° 11.0'		
RNAV2	036° /216° 118	1 731	15	↓ ↑	Shenyang ACC
▲ 万昌 Wanchang VOR/DME(LJB)			N43° 46.4' E125° 51.1'		
RNAV2	019° /199° 20	1 222	20	↓ ↑	Shenyang ACC(9 800m or above) Harbin ACC(Below 9 800m)
▲ NULRA			N43° 57.0' E125° 53.3'		
RNAV2	019° /199° 59	1 180	20	↓ ↑	Shenyang ACC(9 800m or above) Harbin ACC(Below 9 800m)
▲ ISBOP			N44° 28.5' E126° 00.2'		

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name,Type,Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
RNAV2	019° /199° 29	1 271	20	↓ ↑	Shenyang ACC(9 800m or above) Harbin ACC(below 9 800m)
▲ PABKI			N44° 43.9′ E126° 03.6′		
RNAV2	019° /199° 101	1 271	20	↓ ↑	Shenyang ACC(9 800m or above) Harbin ACC(below 9 800m)
▲ 哈尔滨 Harbin VOR/DME(HRB)			N45° 37.6′ E126° 15.6′		
RNAV2	020° /200° 98	1 355	20	↓ ↑	Shenyang ACC(9 800m or above) Harbin ACC(below 9 800m)
▲ BUBDI			N46° 29.9′ E126° 27.2′		
RNAV2	020° /200° 412	1 355	20	↓ ↑	Shenyang ACC(9 800m or above) Harbin ACC(below 9 800m)
▲ 黑河 Heihe VOR/DME(HEK)			N50° 10.1′ E127° 18.6′		
RNAV2	029° /209° 14	913	20	↓ ↑	Shenyang ACC(9 800m or above) Harbin ACC(below 9 800m)
▲ SIMLI 中俄国境点			N50° 17.4′ E127° 22.1′		
UDETI 至万昌 VOR 航段飞行高度 7 200 米至 12 500 米; 往返同。 Segments UDETI to Wanchang VOR en-route altitudes 7 200m—12 500m; and vice versa. UDETI 至万昌 VOR 航段宽度: 中线东侧为 9km, 西侧为 6km。 Lateral limits of Segments UDETI to Wanchang VOR: eastbound of cenerline 9km, westbound 6km.					
A591					
▲ IKEKA			N36° 49.9′ E123° 21.3′		
RNAV2	064° /244° 68	600	20	↓ ↑	Dalian ACC
▲ AGAVO 中韩国境点			N37° 10.0′ E124° 00.0′		
A593					
▲ EPGAM			N37° 15.2′ E116° 54.0′		
RNAV2	169° /349° 10	1 355	20	↓ ↑	Beijing ACC(Above 7 800m) Jinan ACC(7 800m or below)
▲ RAXEV			N37° 09.8′ E116° 56.1′		
RNAV2	169° /349° 47	1 355	20	↓ ↑	Beijing ACC(Above 7 800m) Jinan ACC(7 800m or below)
△ GOLAL			N36° 45.9′ E117° 05.1′		
RNAV2	169° /349° 40	2 184	20	↓ ↑	Beijing ACC(Above 7 800m) Jinan ACC(7 800m or below)
▲ DALIM			N36° 25.1′ E117° 12.8′		
RNAV2	169° /349° 48	2 184	20	↓ ↑	Beijing ACC(Above 7 800m) Jinan ACC(7 800m or below)
▲ ABTUB			N36° 00.0′ E117° 22.1′		
RNAV2	169° /349° 136	2 184	20	↓ ↑	Beijing ACC(Above 7 800m) Jinan ACC(7 800m or below)

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
▲ UDINO			N34° 49.4'	E117° 48.2'	
RNAV2	169° /349° 63	1 180	20	↓ ↑	Shanghai ACC(Above 6 000m)
▲ 邳县 Pixian VOR/DME(DPX)			N34° 16.7'	E117° 59.9'	
RNAV2	150° /330° 42	807	20	↓ ↑	Shanghai ACC(Above 6 000m)
▲ OMUDI			N33° 58.2'	E118° 16.0'	
RNAV2	150° /330° 69	771	20	↓ ↑	Shanghai ACC(Above 6 000m)
▲ LAGAL			N33° 28.0'	E118° 42.3'	
RNAV2	150° /330° 24	738	20	↓ ↑	Shanghai ACC(Above 6 000m)
▲ ATVAD			N33° 17.8'	E118° 51.3'	
RNAV2	150° /330° 14	738	20	↓ ↑	Shanghai ACC(Above 6 000m)
▲ SUBKU			N33° 11.8'	E118° 56.4'	
RNAV2	150° /330° 35	738	20	↓ ↑	Shanghai ACC(Above 6 000m)
△ NIXEM			N32° 56.5'	E119° 09.6'	
RNAV2	150° /330° 66	823	20	↓ ↑	Shanghai ACC(Above 6 000m)
▲ XUTGU			N32° 27.8'	E119° 34.5'	
RNAV2	150° /330° 30	889	20	↓ ↑	Shanghai ACC(Above 6 000m)
▲ PIMOL			N32° 14.8'	E119° 45.7'	
RNAV2	150° /330° 69	1 031	20	↓ ↑	Shanghai ACC
▲ 无锡 Wuxi VOR/DME(VMB)			N31° 44.6'	E120° 11.5'	
RNAV2	120° /300° 119	1 232		↓ ↑	无锡 Wuxi VOR/DME: Shanghai ACC 南翔 Nanxiang NDB: Shanghai ACC(Above 6 000m)
▲ 南翔 Nanxiang NDB(PK)			N31° 17.0'	E121° 19.8'	
RNAV2	112° /292° 45	1 232		↓ ↑	Shanghai ACC(Above 6 000m)
▲ 浦东 Pudong VOR/DME(PUD)			N31° 10.3'	E121° 47.0'	
RNAV2	082° /262° 64	1 232	20	↓ ↑	Shanghai ACC(Above 6 000m)
▲ IPRAG			N31° 17.8'	E122° 26.5'	
RNAV2	082° /262° 33	600	20	↓ ↑	Shanghai ACC(Above 6 000m)

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹(磁) 距离(千米) Track(MAG) DIST(km)	最低飞行 高度(米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
▲ DUMET			N31° 21.7'	E122° 46.5'	
RNAV2	082° /262° 70	600	20	↓ ↑	Shanghai ACC
▲ AKARA			N31° 30.0'	E123° 30.0'	
RNAV2	080° /260° 49	600	93	↓ ↑	Shanghai ACC
▲ LAMEN			N31° 36.6'	E124° 00.0'	
RNAV2	080° /260° 98	600	93	↓ ↑	Shanghai ACC SADLI:Shanghai ACC/Fukuoka ACC
▲ SADLI			N31° 49.8'	E125° 00.0'	
A596					
▲ 磴口 Dengkou VOR/DME(DKO)			N40° 18.9'	E106° 59.8'	
RNAV2	257° /077° 374	2 507	20	↓ ↑	Xi'an ACC(Above 8 900m) Lanzhou ACC(8 900m or below)
▲ 雅布赖 Yabrai VOR/DME(YBL)			N39° 25.3'	E102° 46.5'	
A599					
▲ 浦东 Pudong VOR/DME(PUD)			N31° 10.3'	E121° 47.0'	
RNAV2	268° /088° 42	1 232		↓ ↑	Shanghai ACC(Above 6 000m)
▲ 九亭 Jiuting VOR/DME(JTN)			N31° 07.4'	E121° 20.5'	
RNAV2	259° /079° 19	1 232		↓ ↑	Shanghai ACC(Above 6 000m)
▲ OLGAP			N31° 04.4'	E121° 09.0'	
RNAV2	259° /079° 40	1 232		↓ ↑	Shanghai ACC
▲ LURMA			N30° 58.5'	E120° 44.9'	
RNAV2	259° /079° 32	1 232		↓ ↑	Shanghai ACC
▲ 南浔 Nanxun VOR/DME(NXD)			N30° 53.8'	E120° 25.8'	
RNAV2	215° /035° 53	1 846	10	↓ ↑	Shanghai ACC(Above 6 000m)
▲ KAKIS			N30° 29.0'	E120° 08.8'	
RNAV2	215° /035° 93	1 846	10	↓ ↑	Shanghai ACC(Above 6 000m)
▲ 桐庐 Tonglu VOR/DME(TOL)			N29° 45.8'	E119° 39.6'	
RNAV2	233° /053° 22	2 122	20	↓ ↑	Shanghai ACC(Above 6 000m)
▲ ELNEX			N29° 37.9'	E119° 29.4'	

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
RNAV2	232° /052° 200	2 122	20	↓ ↑	Shanghai ACC(Above 6 000m)
▲上饶 Shangrao VOR/DME(SHR)			N28° 25.0' E117° 58.2'		
RNAV2	230° /050° 143	2 728	20	↓ ↑	Shanghai ACC(Above 7 800m) Nanchang ACC(7 800m or below)
▲XUVGI			N27° 31.2' E116° 55.3'		
RNAV2	230° /050° 50	2 728	20	↓ ↑	Shanghai ACC(Above 7 800m) Nanchang ACC(7 800m or below)
▲南丰 Nanfeng NDB(NF)			N27° 12.5' E116° 33.5'		
RNAV2	230° /050° 116	2 264	20	↓ ↑	Shanghai ACC(Above 7 800m) Nanchang ACC(7 800m or below)
▲SAGON			N26° 30.1' E115° 42.5'		
RNAV2	230° /050° 113	1 690	20	↓ ↑	Guangzhou ACC(Above 7 800m) Nanchang ACC(7 800m or below)
▲蟠龙 Panlong VOR/DME(PLT)			N25° 48.5' E114° 52.5'		
RNAV2	220° /040° 100	2 028	8	↓ ↑	Guangzhou ACC
▲南雄 Nanxiong VOR/DME(NNX)			N25° 05.7' E114° 16.4'		
RNAV2	194° /014° 85	2 028	8	↓ ↑	Guangzhou ACC
▲翁源 Wengyuan VOR/DME(WYN)			N24° 21.0' E114° 06.7'		
RNAV2	215° /035° 32	1 845	8	↓ ↑	Guangzhou ACC
▲NOLON			N24° 06.5' E113° 56.8'		
RNAV2	215° /035° 68	1 845	8	↓ ↑	Guangzhou ACC
▲从化 Conghua VOR/DME(CON)			N23° 35.3' E113° 35.2'		
RNAV2	215° /035° 75	1 810	8	↓ ↑	Guangzhou ACC
▲平洲 Pingzhou VOR/DME(POU)			N23° 01.3' E113° 11.4'		
RNAV2	277° /097° 72	1 600	10	↓ ↑	Guangzhou ACC
▲高要 Gaoyao VOR/DME(GYA)			N23° 04.2' E112° 29.2'		
RNAV2	285° /105° 69	1 615	20	↓ ↑	Guangzhou ACC
▲AVPAM			N23° 12.5' E111° 49.6'		
RNAV2	285° /105° 71	1 599	20	↓ ↑	Guangzhou ACC
▲BIPOP			N23° 21.0' E111° 08.9'		

航路代号、重要点名称、类型、识别 Route designator/Significant Point Name, Type, Identification			重要点坐标 Significant Point Coordinates		
导航规范 Navigation specification	航迹 (磁) 距离 (千米) Track(MAG) DIST(km)	最低飞行 高度 (米) MNM flight altitude(m)	航路宽度 (千米) Lateral limits(km)	航段方向 Direction of segment	管制单位、备注 Controlling unit Remarks
RNAV2	285° /105° 82	1 490	20	↓ ↑	Guangzhou ACC(7 800m(exclusive)-12 500m) Nanning ACC(GND-7 800m)
▲ ATLAT			N23° 30.8'	E110° 21.8'	
RNAV2	285° /105° 127	1 868	20	↓ ↑	Nanning ACC
▲ 来宾 Laibin VOR/DME(LBN)			N23° 45.8'	E109° 08.8'	
RNAV2	275° /095° 100	1 396	20	↓ ↑	Nanning ACC
▲ DUDIT			N23° 49.3'	E108° 09.7'	
RNAV2	275° /095° 154	1 676	20	↓ ↑	Nanning ACC
▲ 百色 Bose VOR/DME(BSE)			N23° 53.5'	E106° 38.7'	
RNAV2	285° /105° 99	2 185	20	↓ ↑	Nanning ACC
▲ MEPAN			N24° 06.2'	E105° 42.2'	
RNAV2	285° /105° 51	3 201	20	↓ ↑	Kunming ACC
▲ ADBAG			N24° 13.3'	E105° 13.0'	
RNAV2	285° /105° 154	3 201	20	↓ ↑	Kunming ACC
▲ 泸西 Luxi VOR/DME(LXI)			N24° 32.5'	E103° 44.6'	
RNAV2	297° /117° 137	3 434	20	↓ ↑	Kunming ACC
▲ 西山 Xishan VOR/DME(SGM)			N25° 04.9'	E102° 31.2'	
RNAV2	243° /063° 109	3 434	20	↓ ↑	Kunming ACC
▲ GULOT			N24° 37.4'	E101° 33.9'	
RNAV2	243° /063° 116	3 906	20	↓ ↑	Kunming ACC
▲ MAKUL			N24° 07.3'	E100° 33.4'	
RNAV2	243° /063° 134	4 030	20	↓ ↑	Kunming ACC
▲ 耿马 Gengma VOR/DME(GMA)			N23° 31.7'	E099° 24.5'	
RNAV2	252° /072° 53	3 577	20	↓ ↑	Kunming ACC
▲ LINSO 中缅国境点			N23° 22.5'	E098° 55.0'	