ENR 3.2 国际航路 INTERNATIONAL AIR ROUTES

	国际:	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
*A 1					
▲ BUNTA N16° 50.0′ E109° 23.7′	057° 237°		28	1	
△LENKO N17° 25.0′ E110° 18.0′ ▲IKELA	63NM 057° 237° 134NM	2 100FT	80	↑	Sanya ACC
N18° 39.7′ E112° 14.7′	1341111				
*A1 航路 RVSM、RNP10 及横向偏*Relevant rules about RVSM, RNP10 A 202				e A1 see ENR3	3-5/9/31.
▲ASSAD					
N18° 20.5′ E107° 40.9′	052° 232°			1	Sanya ACC (Above 7 200m) Sanya/Haikou APP
▲ DABUB N19° 31.2′ E109° 11.6′	206 052° 232°	1 455	20		(7 200m or below)
▲ SAMAS N20° 30.3′ E110° 29.7′	175 072°	800			
▲ SIKOU N20° 50.6′ E111° 30.0′	252° 111	300		1	Guangzhou ACC
A 326					
▲ APITO N29° 35.0′ E124° 00.0′	353°			↓	
▲ MIGOL N30° 45.8′ E123° 41.7′	173° 134 353°			•	
▲ TONIX	173° 65				
N31° 19.9′ E123° 32.6′	353° 173°				
▲ AKARA N31° 30.0′ E123° 30.0′	19 005° 185°	600			Shanghai ACC
▲SURAK N31° 46.4′ E123° 29.5′	30 005° 185°		20		
▲ IKADI N34° 05.5′ E123° 29.0′	258 005° 185°				
▲ DOPNO N35° 00.0′ E123° 24.3′	101			1	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
A 326 (con't)					
▲ DOPNO					
N35° 00.0′ E123° 24.3′	005°			1	
	185°			↓	Qingdao ACC
▲ MUDAL	204				
N36° 49.9′ E123° 21.3′	005°				
	185°	600			
* \(\DONVO \)	82 322°				
N37° 34.0′ E123° 20.0′					
▲SANKO	142° 108				
N38° 15.0′ E122° 27.2′	288°		-		
1,30 13.0 E122 27.2					
▲ POVAG	108° 18				
N38° 16.7′ E122° 15.1′	288°				
1130 10.7 E122 13.1			20		
A DODGA	108° 71		20		
△ DOBGA N38° 24.8′ E121° 27.5′	288°	800			Dalian ACC
N36 24.8 E121 27.3					
▲ MAKNO	108° 28				
N38° 27.8′ E121° 08.9′	288°				
1,30 27.0 2121 00.5	108°				
△ ALARA	53				
N38° 33.7′ E120° 33.1′	288°		1		
	108°				
▲ UNSEK	28	867			
N38° 36.8′ E120° 14.1′	288°	807			
	108°				
▲ ANRAT	25			1	
N38° 39.5′ E119° 57.4′					

	国际	航 路 Interna	tional air route	es							
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit						
1	2	3	4	5	6						
A 326 (con't)											
▲ ANRAT											
N38° 39.5′ E119° 57.4′	288°										
▲ PAMDA N38° 48.2′ E119° 03.7′	108° 79 288° 108°	867	20	+							
▲ KALBA N38° 54.2′ E118° 28.2′	52 288°										
▲ Tianjin NDB (CG) N39° 04.8′ E117° 22.5′	108° 96 287° 107°	1 197			Beijing ACC						
▲ LADIX N39° 07.8′ E116° 59.5′	33 287° 107°										
▲ DOGAR	18										
N39° 09.8′ E116° 47.1′	287° 107°	867									
* Dawangzhuang VOR (VYK) N39° 11.7′ E116° 34.3′ * DONNO 5 + 1 & VOD 6/4	19		法 用叶 口	1	N. 迁 於和泛 行人故 宮戸						

- * DONVO 至大王庄 VOR 段实施 RNAV5 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需严格按规定填写飞行计划报编组 10 和编组 18 内容,空管部门会在起飞前的协同决策阶段给予优先放行;对不符合 PBN 适航和运行合格审定要求的航空器,空管部门将配备适当间隔以确保区域飞行的安全和秩序。
- * RNAV5 is implemented on segments between DONVO and Dawangzhuang VOR (VYK). When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required, and will be given a higher priority to fly; For aircraft do not meet, appropriate separation will be provided to ensure safety and efficiency of these area.

		J	- J	
* A 343 ▲RULAD(中哈国境点)				Almaty FIR
N43° 30.0′ E080° 44.0′	088°		1	
△ Nalati VOR (NLT)	268° 214	4 313	*	
N43° 26.1′ E083° 22.9′	094°			Urumqi ACC
▲ POSOT	274° 212	5 890	<u> </u>	, in the
N43° 11.0′ E085° 58.4′				

- * A343 实施 RNP4 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。
- * RNP4 is implemented on A343. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

	国际	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
A 345					Pyongyang FIR
▲GOLOT (中朝国境点) N40° 12.5′ E124° 30.5′	294° 114°	1 436		1	
▲ Dandong VOR (DDG) N40° 15.4′ E124° 17.0′	20 004° 184°		_		
▲ ANSUK N41° 02.9′ E124° 11.6′	88 004° 184°				
▲ BIDIB N41° 24.4′ E124° 09.8′	40 003° 183°	1 900		20	Shenyang ACC
▲ EKVOK N41° 49.4′ E124° 06.6′	47 003° 183°				
▲ Kaiyuan VOR (KYU) N42° 37.9′ E124° 00.4′	90 338°				
▲ IKITI N45° 54.9′ E121° 14.1′	158° 426 353° 173°	1 992	20		
▲ ELPUN N46° 18.4′ E121° 04.3′	45 353° 173°		-		
▲ ABVAX N47° 27.6′ E120° 35.4′	133 353° 173°	2 345			
▲ Hailar VOR (HLD) N49° 12.2′ E119° 49.3′	202 282° 102°	1 460	_		Hailar ACC
△ KAGAK N49° 16.0′ E118° 06.0′	125 316° 136°				
△ MANLI N49° 35.0′ E117° 27.0′	59 322° 142°	1 609			
▲TELOK (中俄国境点) N49° 38.0′ E117° 22.0′	8			1	Chita FIR

国际航路 International air routes								
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit			
1	2	3	6					
*A 364 ▲ Kashi VOR (KHG)								
N39° 32.8′ E076° 01.4′ A Shache VOR (SCH) N38° 35.7′ E077° 14.5′	136° 316° 163	1 974	20	→	Urumqi ACC			
N38° 25.7′ E077° 14.5′			1					

- * A364 实施 RNP4 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。
- * RNP4 is implemented on A364. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

* A 368					
▲ Fukang VOR (FKG)					
N44° 10.4′ E087° 59.0′	304°			↓	
	124°	2 350			
△UGPEL	70				
N44° 33.1′ E087° 17.2′	304°				Urumqi ACC
	124°	3 213	20		1
△ Tacheng VOR (TCH)	387				
N46° 40.1′ E083° 20.7′	297°				
	117°	2 762			
▲SARIN(中哈国境点)	41			1	
N46° 51.9′ E082° 53.3′					

^{*} A368 实施 RNP4 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。

^{*} RNP4 is implemented on A368. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
* A 460 ▲ RULAD(中哈国境点)					Almaty FIR
N43° 30.0′ E080° 44.0′ A XITUP N42° 41.5′ E081° 44.4′	133° 313° 121 133°	5 503	20	↓	Urumqi ACC
▲ Kuqa VOR (KCA) N41° 42.9′ E082° 59.7′	313° 150			<u> </u>	

航线高度 7500 米至 12500 米。

En-route altitude 7 500m—12 500m.

- * A460 实施 RNP4 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。
- * RNP4 is implemented on A460. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	altitude(m)	航路宽度 (千米) Lateral limits (km)	cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
* A 461					
▲ Dawangzhuang (VYK) N39° 11.7′ E116° 34.3′	211°			1	
	031°			↓	
▲ IKENU	53	650			
N38° 45.5′ E116° 18.8′	211°	630			
	031°				Beijing ACC
▲ Hengshui NDB (HG) N37°43.0′ E115°42.3′	127				
N3/-43.0 E113-42.3	210° 030°	659			
▲ Weixian VOR (WXI)	166				
N36° 21.8′ E114° 55.0′	189°				
▲ AKOMA	009° 186				
N34° 41.5′ E114° 45.2′	189°	735			Beijing ACC
	009°				(Above 9 800m) Zhengzhou ACC
▲ Zhoukou VOR (ZHO)	115				(9 800m or below)
N33° 39.9′ E114° 39.3′	189°	- 40			
A ODI IV	009°	749	20		
▲ OBLIK N32° 19.8′ E114° 31.5′	149 189°		20		
N32 19.6 E114 31.3	009°				
▲ Hekou VOR (HOK)	112	1 472			
N31° 19.5′ E114° 25.8′	208°	1 473			Guangzhou ACC (Above 7 800m)
	028°				(Above 7 800m) Wuhan ACC
▲ Longkou VOR (LKO)	172				(7 800m or below)
N29° 54.4′ E113° 41.5′	187° 007°	1 861			
▲ DAPRO	72				
N29° 15.5′ E113° 38.4′	187° 007°				
▲ AKUBA	56	0.015			
N28° 45.3′ E113° 36.0′	187°	2 215			Guangzhou ACC
	007°				(Above 7 800m) Changsha ACC
▲ Liling VOR (LIG) N27° 38.9′ E113° 31.0′	124			<u> </u>	(7 800m or below)
	004°	2 642			
▲ BUBDA N25° 52.1′ E113° 27.8′	198			<u> </u>	

	国际航路 International air routes								
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit				
1	2	3	4	5	6				
* A 461 (con't) ▲BUBDA			Ι						
N25° 52.1′ E113° 27.8′ A Yingde VOR (YIN) N24° 11.4′ E113° 24.9′	004° 186	2 642	20						
▲ Shilong VOR (SHL)	342° 130	1 881			Guangzhou ACC				
N23° 05.5′ E113° 51.0′ ▲ IDUMA N22° 53.8′ E113° 57.1′	337° 24	1 567							
▲ BEKOL N22° 32.6′ E114° 08.0′	337° 43			1	Hong Kong FIR				

- * A461 实施 RNAV2 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需严格按规定填写飞行计划报编组 10 和编组 18 内容,空管部门会在起飞前的协同决策阶段给予优先放行;对不符合 PBN 适航和运行合格审定要求的航空器,空管部门将配备适当间隔以确保区域飞行的安全和秩序。
- * RNAV2 is implemented on A461. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required, and will be given a higher priority to fly; For aircraft do not meet, appropriate separation will be provided to ensure safety and efficiency of these area.

* A 468						
▲KAMUD(中吉国境点)						
N41° 34.0′ E078° 50.0′	084°			1		
	264°	6 586	20		•	Urumqi ACC
▲ Kuqa VOR (KCA)	346				ı	
N41° 42.9′ E082° 59.7′						

- * A468 实施 RNP4 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。
- * RNP4 is implemented on A468. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
A 470					
▲ Pixian VOR (DPX) N34° 16.7′ E117° 59.9′	1,000	T		_	
N34 10.7 E117 39.9	169° 349°			↓ ↓	
▲ MEXUP	31				
N34° 00.6′ E118° 05.8′	169° 349°	829			
▲ DALNU	23				
N33° 48.8′ E118° 10.1′	169° 349°				
▲ Bantaji NDB (OF)	132				
N32° 40.4′ E118° 34.7′	164° 344°				
▲ DOGVI	101	1 069			
N31° 49.2′ E118° 57.8′	164° 344°	1 00)			
▲ Lishui NDB (GS)	20				
N31° 39.1′ E119° 02.5′	149° 329°				
▲ RANGA	60				
N31° 12.6′ E119° 24.6′	149° 329°	1 470			Shanghai ACC
▲ IGRAT	68				
N30° 43.0′ E119° 50.0′	149° 329°				
▲ Jianqiao NDB (CJ)	56				
N30° 18.3′ E120° 10.0′	224° 044°	1 846			
▲ Tonglu VOR (TOL)	77				
N29° 46.0′ E119° 39.6′	187° 007°				
▲ UGAGO	15	1 910			
N29° 37.7′ E119° 39.1′	187° 007°				
▲ PUGIM	61		-		
N29° 05.0′ E119° 37.0′	187° 007°	2 193			
▲ Yunhe NDB (BZ)	109				
N28° 06.1′ E119° 33.7′	184° 004°	2 290		•	
▲ DAGMO	74			1	
N27° 26.2′ E119° 33.4′					

	国际:	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
A 470 (con't)					
▲ DAGMO N27° 26.2′ E119° 33.4′ ▲ AKAVO N27° 15.6′ E119° 33.4′	184° 004° 20 184° 004°	2 171		↓	
▲ Lianjiang VOR(LJG) N26° 13.2′ E119° 32.9′	115 201° 021°	1 650	_		Shanghai ACC (Above 7 800m) Xiamen ACC
▲ Fuqing VOR (FQG) N25° 44.4′ E119° 23.1′ ▲ Yinglin VOP (YLN)	56 230° 050°	1 775			(7 800m or below)
▲ Xinglin VOR (XLN) N24° 33.9′ E118° 00.9′ ▲ TEBON	190 227° 047° 70	1 728			
N24° 07.0′ E117° 32.0′	229° 049°		_		
▲ IKATA N23° 45.9′ E117° 08.2′	56 229° 049°	1 717		_	
▲ Shantou VOR (SWA) N23° 26.4′ E116° 46.0′ ▲ BEBEM N22° 57.0′ E116° 21.6′ ▲ DOTMI	52 220° 040° 68 220° 040° 32	1 205			Guangzhou ACC (Above 4 500m) Shantou APP (4 500m or below)
N22° 43.1′ E116° 10.1′ ▲ MAGOG	219° 039° 59	656		↑	Hong Kong FIR
N22° 17.3′ E115° 49.4′					
A 575 ▲ GOLOT (中朝国境点)					Pyongyang FIR
N40° 12.5′ E124° 30.5′ ▲ Dandong VOR (DDG)	294° 114° 20	1 436		1	
N40° 15.4′ E124° 17.0′ ▲ ANSUK N41° 02.9′ E124° 11.6′	004° 184° 88 004°	1 900	20		
▲ * BIDIB N41° 24.4′ E124° 09.8′	184° 40 287° 107°	1 632			Shenyang ACC
▲ * Dongyangjiao NDB (PU) N41° 30.4′ E123° 17.5′	73 287°		10		
▲ Dahushan VOR (DHN) N41° 38.7′ E122° 06.9′	107° 99	818		<u> </u>	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
A 575 (con't)					
▲ Dahushan VOR (DHN) N41° 38.7′ E122° 06.9′ ▲ Chaoyang VOR (CHG) N41° 32.2′ E120° 26.0′	273° 093° 141 258° 078°	1 466 2 181	_	†	Shenyang ACC
▲ ANDIN N41° 04.7′ E118° 42.9′	152 282°				
▲ PIDOX	102° 176	2 647	-		Beijing ACC
N41° 14.1′ E116° 37.5′ A SALIS	332° 152° 98	2 892			20,,, 1100
N41° 57.5′ E115° 57.1′	303° 123°	2 402	20		
△ VANVO N42° 37.6′ E114° 12.3′	162 303°		-		
△ UKBAD N43° 00.7′ E113° 11.4′ ▲ Erenhot VOR (LHT)	93 93 303° 123° 97	1 832			Beijing ACC (Above 7 800m) Hohhot ACC
N43° 24.8′ E112° 07.6′ ▲ESMEP N43° 32.0′ E112° 01.5′ ▲INTIK (中蒙国境点)	334° 154° 15 334° 154° 19	1 639		↑	(7 800m or below)
N43° 40.8′ E111° 54.1′					
*BIDIB 至东羊角 NDB 航段 ⁻ *Segment BIDIB to Dongyangjiao N					
A 581					
▲SAGAG(中老国境点) N21°11.5′E101°37.4′	339° 159°	2 605		1	
▲BIDRU	159° 182	2 003		+	
N22° 43.1′ E100° 57.9′	032° 212°	3 155	20		Kunming ACC
▲ ELASU N23° 59.2′ E101° 47.4′	164 032°		+		
▲ Xishan VOR (SGM)	212° 142	3 434		1	
N25° 04.9′ E102° 31.2′					

And the Thirty of the second	国际		台站市市	3111 化六位口	
航路代号、重要点名称、坐标 Parter designation	航迹(磁)、	最低飞行高	航路宽度	巡航高度层	备注、管制单位
Route designator Name of significant points	距离(千米) Track(MAG)	度(米)	(千米) Lateral limits	方向 Direction of	一個性、信利于位 Remarks, Controlling uni
Coordinates	DIST(km)	altitude(m)	(km)	cruising levels	Kemarks, Controlling uni
1	2	3	4	5	6
A 581 (con't)					
▲ Xishan VOR (SGM)					
N25° 04.9′ E102° 31.2′	051°				
A Danilan - WOD (VEA)	231°	3 596		↓	
▲ Panlong VOR (XFA)	55 058°		_		Kunming ACC
N25° 24.1′ E102° 56.0′	238°	3 894			
▲ XISLI	116	3 674			
N25° 58.5′ E103° 54.0′	058°				
	238°	3 466			
▲ Liupanshui VOR(LPS)	135			_	
N26° 38.6′ E105° 01.8′	<u>068°</u>	2.022			
▲ Qianxi VOR (QNX)	248° 109	2 932			
N27° 02.5′ E106° 01.8′	065°				
N27 02.3 E100 01.8	245°	2 400			
▲ BIPIP	38	2			
N27° 12.0′ E106° 22.5′	065°				
	245°	2 200			
* ▲ AGTIS	42				
N27° 22.1′ E106° 45.0′	065°	1 916			
▲ MEMAG	245° 26	1 910			
N27° 28.5′ E106° 59.2′	065°		20		Guiyang ACC
1127 20.3 12100 37.2	245°	2 010			
△ EKADI	25				
N27° 34.6′ E107° 12.7′	065°				
A TA VOD	245°	2 100			
▲ TAXOR	62 065°		_		
N27° 49.7′ E107° 46.4′	245°	2 174			
* ▲ EPGAL	151	2174			
N28° 26.8′ E109° 08.7′	065°				
	245° 33	1 831			
▲ Huayuan VOR (HUY)	33			-	
N28° 34.8′ E109° 27.0′	071°				Guangzhou ACC (Above 7 800m)
	251°	2 117			Changsha ACC
▲ Linli VOR (LIN)	230				(7 800m or below)
N29° 21.2′ E111° 38.9′	<u>061°</u>				
▲ GUGAM	241°				Guangzhou ACC
N30° 13.0′ E113° 11.1′	177 061°	1 204			(Above 7 800m)
1950 15.0 E115 11.1	241°			↑	Wuhan ACC
▲ Tianhe VOR (WHA)	116			'	(7 800m or below)
N30° 46.9′ E114° 12.2′			1		
* AGTIS 至 EPGAL 航段飞行高度					

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标	航迹(磁)、	最低飞行高	航路宽度	巡航高度层	
Route designator	距离(千米)	度(米)	(千米)	方向	备注、管制单位
Name of significant points Coordinates	Track(MAG) DIST(km)	MNM flight altitude(m)	Lateral limits (km)	Direction of cruising levels	Remarks, Controlling unit
1	2	3	4	5	6
A 588					
▲ SANKO					
N38° 15.0′ E122° 27.2′	340°				
A di LUNCONI	160°	600		↓	
▲* UDETI	55				
N38° 41.5′ E122° 09.6′	039°				
▲ VENOS	219° 28				
N38° 54.2′ E122° 19.6′	039°	851			Dalian ACC
	219°				
▲ Changhai VOR(CHI)	48				
N39° 16.0′ E122° 37.0′	037°				
ANODAL	217°				
▲ NODAL	99 037°				
N40° 02.8′ E123° 10.7′	$\frac{037^{\circ}}{217^{\circ}}$	1 789			
▲ ISKEM	100	1 709			
N40° 50.0′ E123° 45.0′	037°		12		
	217°				
▲ BIDIB	72				
N41° 24.4′ E124° 09.8′	038° 218°				Shenyang ACC
▲ NUBKI	73				<i>y U</i>
N41° 58.8′ E124° 35.9′	036°				
ALEMOT	216°	1 731			
▲ LEMOT N42° 49.5′ E125° 11.0′	105 036°				
N42 49.3 E123 11.0	216°				
▲ * Wanchang VOR (LJB)	118				
N43° 46.4′ E125° 51.1′	019°				
	199°				
▲ISBOP	79				
N44° 28.5′ E126° 00.2′	<u>019°</u>	1 271			
▲ PABKI	199° 29	1 271			
N44° 43.9′ E126° 03.6′	019°				
1111 13.7 11120 03.0	199°				
▲ Harbin VOR (HRB)	101		20		Harbin ACC
N45° 37.6′ E126° 15.6′	020°		20		Haivill ACC
A DUDDI	200°				
▲ BUBDI	98	1 355			
N46° 29.9′ E126° 27.2′	020° 200°				
▲ Heihe VOR (HEK)	412				
N50° 10.1′ E127° 18.6′	029°		1		
	209°	913		1	
▲ SIMLI	14				
N50° 17.4′ E127° 22.1′ * UDFTL 至万昌 VOR 航段飞					

^{*} UDETI 至万昌 VOR 航段飞行高度 7 200 至 12 500 米; 往返同。

^{*}Segment UDETI to Wanchang VOR en-route altitudes 7 200m—12 500m; and vice versa.

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
A 591					
▲ Xuejiadao VOR (XDX) N35° 58.7′ E120° 17.4′	147° 327°			1	
▲ ABVER	38	1 325			
N35° 42.7′ E120° 33.4′	147° 327°	1 323			
▲ LATUX	33				Qingdao ACC
N35° 29.0′ E120° 47.0′	064° 244°				Qgano 110 0
▲ NOBOB N35° 49.2′ E121° 24.5′	68 064°				
	244°	600			
▲ MUDAL N36° 49.9′ E123° 21.3′	207 064°				
1.00 1919 2120 2110	244°		20		Dalian ACC
▲AGAVO(中韩国境点)	68			1	
N37° 10.0′ E124° 00.0′					
* A 593					
▲ Dawangzhuang VOR (VYK) N39° 11.7′ E116° 34.3′	186°			↓	
A Doton VOD (DTO)	006°	627			Beijing ACC
▲ Potou VOR (BTO) N38° 06.3′ E116° 34.6′	121 169°				
	349°	620			
▲ EPGAM N37° 15.2′ E116° 54.0′	99 169°				
N37 13.2 E110 34.0	349°				
▲RAXEV	10	1 355			
N37° 09.8′ E116° 56.1′	169°	1 555	20		
\triangle GOLAL	349° 47		20		
N36° 45.9′ E117° 05.1′	169°				Beijing ACC (Above 7 800m)
▲ DALIM	349° 40				Jinan ACC (7 800m or below)
N36° 25.1′ E117° 12.8′	169°	2.104			(/ ooom or below)
▲ ABTUB N36° 00.0′ E117° 22.1′	349° 48 169°	2 184			
▲ UDINO N34° 49.4′ E117° 48.2′	349° 136			1	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
* A 593(con't)					
▲ UDINO N34° 49.4′ E117° 48.2′	169° 349°	1 180		1	Shanghai ACC
▲ Pixian VOR (DPX) N34° 16.7′ E117° 59.9′	63 150° 330°	829			(Above 7 800m) Hefei ACC (7 800m or below)
▲ OMUDI N33° 58.2′ E118° 16.0′ ▲ LAGAL	42 150° 330° 69	928	_		
N33° 28.0′ E118° 42.3′ △ NIXEM	150° 330° 73	804			
N32° 56.5′ E119° 09.6′ A XUTGU	150° 330° 66	804	20		Shanghai ACC
N32° 27.8′ E119° 34.5′ ▲ PIMOL	150° 330° 30	928			
N32° 14.8′ E119° 45.7′ ▲ Wuxi VOR (VMB)	150° 330° 69	1 025			
N31° 44.6′ E120° 11.5′	120° 300°				
▲ Nanxiang NDB (PK) N31° 17.0′ E121° 19.8′	119 112°	1 232			
▲ Pudong VOR (PUD) N31°10.3′ E121°47.0′	292° 45 082°	1 232			
▲ IPRAG	262° 64			1	
N31° 17.8′ E122° 26.5′					

国际航路 International air routes								
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit			
1	2	3	4	5	6			
* A 593(con't) ▲ IPRAG								
N31° 17.8′ E122° 26.5′ ▲ DUMET N31° 21.7′ E122° 46.5′ ▲ AKARA	082° 262° 33 082° 262° 70	600	20	↓	Shanghai ACC			
N31° 30.0′ E123° 30.0′ ▲ LAMEN N31° 36.6′ E124° 00.0′ ▲ SADLI	080° 260° 49 080° 260° 98	500	93	1	Shanghai ACC			
N31° 49.8′ E125° 00.0′					Fukuoka ACC			

- * A593 实施 RNAV2 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需严格按规定填写飞行计划报编组 10 和编组 18 内容,空管部门会在起飞前的协同决策阶段给予优先放行;对不符合 PBN 适航和运行合格审定要求的航空器,空管部门将配备适当间隔以确保区域飞行的安全和秩序。
- * RNAV2 is implemented on A593. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required, and will be given a higher priority to fly; For aircraft do not meet, appropriate separation will be provided to ensure safety and efficiency of these area.

	国际	航路 Interna	ntional air route	es										
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit									
1	2	3	4	5	6									
A 596														
▲ Qingbaikou NDB (CD) N40° 00.8′ E115° 48.3′ ▲ Huailai NDB (KM) N40° 23.3′ E115° 29.8′	334° 154° 49 277° 097°	2 577		↓	Beijing ACC									
▲ Tianzhen VOR (TZH) N40° 24.5′ E114° 03.1′	122 281° 101°			_										
▲ SELGO N40° 28.7′ E113° 05.2′	82 281° 101°	2 934												
▲ AKUKI N40° 30.2′ E112° 44.0′	30 281° 101°													
▲ Liangcheng NDB (SZ) N40° 31.1′ E112° 29.7′	20 276° 096°		20		Beijing ACC (Above 7 800m) Hohhot ACC									
▲ DOTOS N40° 31.7′ E111° 56.9′	46 276° 096°	2 937	2 937	2 937	2 937	2 937	2 937	2 937	2 937	2 937	2 937			(7 800m or below)
▲ REPEP N40° 32.4′ E111° 11.0′	65 276° 096°													
▲ Baotou VOR (BAV) N40° 33.4′ E109° 59.9′	100 268° 088°	2 950	_											
▲ Dengkou VOR (DKO) N40° 18.9′ E106° 59.8′	255 257° 077° 374	2 507		†	Lanzhou ACC									
▲ Yabrai VOR (YBL) N39° 25.3′ E102° 46.5′	314													
A 599														
▲ LINSO(中缅国境点) N23° 22.5′ E098° 55.0′	072° 252° 53	3 577		1	Kunming ACC									
▲ Gengma VOR (GMA) N23° 31.7′ E099° 24.5′ ▲ MAKUL	063° 243° 134	4 030	20	↑	Rumming ACC									
N24° 07.3′ E100° 33.4′		ı	•											

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1 A 500(con!t)	2	3	4	5	6
A 599(con't) ▲ MAKUL N24° 07.3′ E100° 33.4′	063° 243°	3 906		↓	
▲GULOT N24° 37.4′ E101° 33.9′	116 063°				
▲ Xishan VOR(SGM) N25° 04.9′ E102° 31.2′	243° 109 117° 297°	3 434			Kunming ACC
▲ Luxi VOR (LXI) N24° 32.5′ E103° 44.6′ ▲ ADBAG	137 105° 285° 154				
N24° 13.3′ E105° 13.0′ • MEPAN	105° 285° 51	3 201			
N24° 06.2′ E105° 42.2′ A Bose VOR (BSE)	105° 285° 99	2 185	20		
N23° 53.5′ E106° 38.7′ A DUDIT	095° 275° 154	1 575			V
N23° 49.3′ E108° 09.7′ ▲ Laibin VOR (LBN)	095° 275° 100	1 396			Nanning ACC
N23° 45.8′ E109° 08.8′ ▲ BIPOP	105° 285° 209	1 930			
N23° 21.0′ E111° 08.9′ • AVPAM	105° 285° 71				
N23° 12.5′ E111° 49.6′	105° 285°	1 685			Guangzhou ACC
▲ Gaoyao VOR (GYA) N23° 04.2′ E112° 29.2′	69 097° 277°	1 600	10	↑	
▲ Pingzhou VOR (POU) N23° 01.3′ E113° 11.4′	72			ı	

	国际	航 路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
A 599(con't)					
A Dinaghou VOD (DOLL)					
▲ Pingzhou VOR (POU) N23° 01.3′ E113° 11.4′	035°				
▲ Conghua VOR (CON)	215° 75	1 810		↓	
N23° 35.3′ E113° 35.2′	035° 215°		-		
▲NOLON	68	1 845			Cyanaghay ACC
N24° 06.5′ E113° 56.8′	035°	1 643			Guangzhou ACC
▲ Wongyuan VOR (WYN)	215° 32		8		
N24° 21.0′ E114° 06.7′	014° 194°				
▲ Nanxiong VOR (NNX) N25° 05.7′ E114° 16.4′	85 040°	2 028			
▲ Panlong VOR (PLT)	220° 100				
N25° 48.5′ E114° 52.5′	050° 230°	2 361			
▲ Nanfeng NDB (NF)	229				g1 1 1 4 GG
N27° 12.5′ E116° 33.5′	050° 230°				Shanghai ACC (Above 7 800m) Nanchang ACC
▲ XUVGI N27° 31.2′ E116° 55.3′	50 050°	2 728			(7 800m or below)
▲ Shangrao VOR (SHR)	230° 143		20		
N28° 25.0′ E117° 58.2′	052°				
	232°				
▲ ELNEX	200	2 122			
N29° 37.9′ E119° 29.4′	053°				
	233°				
▲ Tonglu VOR (TOL) N29° 46.0′ E119° 39.6′	22				
1129 40.0 E119 39.0	035°				
AKAKIG	215°				
▲ KAKIS N30° 29.0′ E120° 08.8′	92 035°	1 846	10		Shanghai ACC
	215°				Shunghui NCC
▲ Nanxun VOR (NXD)	53				
N30° 53.8′ E120° 25.8′	079°				
	259°				
▲ Jiuting VOR (JTN) N31° 07.4′ E121° 20.5′	90	1 232			
N31 U/.4 E121 2U.3	088°			•	
L D L MOD GEORGE	268°			1	
▲ Pudong VOR (PUD)	42				
N31° 10.3′ E121° 47.0′					

国际航路 International air routes								
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit			
1	2	3	4	5	6			
*B 206 A Fukang VOR (FKG)					Urumqi ACC			
N44° 10.4′ E087° 59.0′ • OMDAX	358° 178° 45			1				
N44° 34.5′ E087° 59.5′	358° 178°	3 000						
△RUROK	24							
N44° 47.4′ E087° 59.9′	358° 178°							
▲ Altay VOR (TAI)	328							
N47° 44.8′ E088° 05.0′ ▲GOPTO (中俄国境点)	339° 159° 156	4 500		↑				
N49° 05.5′ E087° 28.0′	100		<u> </u>					

^{*} B206 实施 RNP4 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。

^{*} RNP4 is implemented on B206. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

	国际	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
B 208					
▲ Luogang VOR (HFE) N31° 46.5′ E117° 18.1′	314°			↓	
▲ PEDNU	134° 71			*	Shanghai ACC (Above 7 800m)
N32° 11.3′ E116° 43.7′	314° 134°	989			Hefei ACC (7 800m or below)
▲ BIPIM	66 314°		20		
N32° 33.9′ E116° 11.0′ ▲ Fuyang VOR (FYG)	134° 55				
N32° 53.0′ E115° 43.8′	315°		-	-	
N32 33.0 E113 43.8 ▲ Zhoukou VOR (ZHO)	135° 133	652			
N33° 39.9′ E114° 39.3′	326°			-	
A Xinzheng VOR (CGO)	146° 121	713			
N34° 31.1′ E113° 50.6′	349° 169°	913	8		Beijing ACC
▲ DUBAG	40				(Above 9 800m)
N34° 51.8′ E113° 43.8′	345° 165°				Zhengzhou ACC (9 800m or below)
▲ NOPIN N35° 26.8′ E113° 28.3′	69 345°				
▲ TAMIX	165° 20	2 391			
N35° 36.7′ E113° 23.9′	345° 165°				
▲ PADNO	28 345°				
N35° 50.8′ E113° 17.6′	165°				
▲ Changzhi NDB (SQ) N36° 14.4′ E113° 07.0′	46 350°				
▲ EGEBI	170° 64				
N36° 47.6′ E112° 56.2′	350° 170°				
▲ ANPIG	30	2 623			
N37° 03.3′ E112° 51.0′	350° 170°	2 023			Beijing ACC (Above 7 800m)
▲ XIVEP	66				Taiyuan ACC
N37° 37.9′ E112° 39.5′	350° 170°				(7 800m or below)
▲ Taiyuan VOR (TYN)	13		_		
N37° 44.9′ E112° 37.2′	354° 174°				
▲ EKETA N37° 52.5′ E112° 35.4′	14 354°	3 205			
▲ TODAM	174° 183			1	
N39° 29.5′ E112° 12.1′					

	国际航	路 Internat	ional air rou	tes	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
B 208(con't) ▲ TODAM					
N39° 29.5′ E112° 12.1′	354° 174°			1	
▲ISBAM N40° 12.6′ E112° 01.6′	81 354° 174°	3 205			
▲ DOTOS	36				Beijing ACC
N40° 31.7′ E111° 56.9′	354° 174° 22				(Above 7 800m) Hohhot ACC (7 800m or below)
▲*Hohhot VOR (HET) N40° 43.5′ E111° 54.0′	348° 168°	2 816		_	
▲*NIXAL (中蒙国境点) N43°12.7′E110°53.0′	289			1	

- * NIXAL 至呼和浩特 VOR 航段限制飞行高度 8 400 米以上使用, 8 400 米 (不含)以下或往返呼和浩特/白塔机场的航空器由 NIXAL 经 G343 土木尔台 VOR、G218 至呼和浩特 VOR;往返同。
 * Segment NIXAL to Hohhot VOR limited to use with en-route altitudes 8 400m or above, aircraft below 8 400m or inbound
- * Segment NIXAL to Hohhot VOR limited to use with en-route altitudes 8 400m or above, aircraft below 8 400m or inbound to/outbound from Hohhot/Baita airport shall fly along NIXAL, G343, Tumurtai VOR, G218 to Hohhot VOR; and vice versa.

* B 213				
▲ Lhasa VOR (LXA)				
N29° 17.8′ E090° 59.9′	069°			
	249°	6 886	↓	
▲ TAPUN	215			Lhasa ACC
N30° 00.2′ E093° 04.5′	072°			Liiasa ACC
	252°	7 470		
▲ Changdu NDB (RG)	413			
N31° 08.8′ E097° 10.6′	096°			
	276°			
▲ PEXUN	270			
N30° 55.7′ E100° 00.0′	096°			
	276°	6 334		
▲ KAMAX	182			
N30° 47.0′ E101° 54.2′	<u>096°</u>			a
	276°			Chengdu ACC
▲ MIKOS N30° 41.9′ E102° 57.5′	101			
N30 41.9 E102 37.3	<u>096°</u>	5064		
	276°	5964		
▲ Chongzhou VOR (CZH) N30° 38.7′ E103° 41.2′	70 110°			
1130 30.7 12103 41.2		1 372	<u></u>	
A CI 1' MOD (CTIT)	290°	1 3/2	l	
▲ Shuangliu VOR (CTU) N30° 34.4′ E103° 56.6′	26			

	国际航	路 Interna	tional air rou	tes					
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit				
1	2	3	4	5	6				
B 213(con't) ▲ Shuangliu VOR (CTU) N30° 34.4′ E103° 56.6′	088°		1						
▲ Wufengxi VOR (WFX)	268° 53			1					
N30° 36.4′ E104° 29.5′	084° 264°	1 659							
▲ TEBUN	44								
N30° 39.7′ E104° 56.9′	084° 264°								
▲ Nanchong VOR (GAO) N30° 48.6′ E106° 11.3′	120								
N30-48.0 E100-11.3	139° 319°				Chengdu ACC				
△ ANSAR	23				28				
N30° 39.4′ E106° 21.4′	139°								
	319°	2 304							
▲ Heliushui NDB (DS)	69								
N30° 12.0′ E106° 50.9′	140° 320°								
▲ Fuling VOR (FLG)	76		•						
N29° 42.0′ E107° 22.7′	075°		20						
	255°								
▲ BONBO	34								
N29° 47.2′ E107° 42.6′	075°								
▲ LOTMO	255°	2 723							
N30° 14.9′ E109° 26.1′	173 075°			-					
	255° 17								
▲ Enshi VOR (ENH) N30° 17.5′ E109° 36.1′	084°				Guangzhou ACC				
	264°	2 920		(Above Wuhan	(Above 7 800m) Wuhan ACC				
▲ Sanxia VOR (YIH)	182				(7 800m or below)				
N30° 33.8′ E111° 28.6′	<u>090°</u>	1.000							
	270°	1 300							
▲ Tianmen VOR (WTM) N30° 38.3′ E113° 08.6′	159								

国际航路 International air routes							
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit		
1	2	3	4	5	6		
B 213(con't) ▲ Tianmen VOR (WTM)					Guangzhou ACC		
N30° 38.3′ E113° 08.6′ ▲ Tianhe VOR (WHA)	085° 265° 103	954		↑	(Above 7 800m) Wuhan ACC (7 800m or below)		
N30° 46.9′ E114° 12.2′							

- * 拉萨 VOR 至崇州 VOR 段实施 RNP4 运行; 崇州 VOR 至天河 VOR 段实施 RNAV5 运行。 申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需严格按规定填写飞行计划报编组 10 和编组 18 内容,空管部门会在起飞前的协同决策阶段给予优先放行; 对不符合 PBN 适航和运 行合格审定要求的航空器,空管部门将配备适当间隔以确保区域飞行的安全和秩序。
- * RNP4 is implemented on segments between Lhasa VOR (LXA) and Chongzhou VOR (CZH); RNAV5 is implemented on segments between Chongzhou VOR (CZH) and Tianhe VOR (WHA). When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required, and will be given a higher priority to fly; For aircraft do not meet, appropriate separation will be provided to ensure safety and efficiency of these area.

not meet, appropriate separat	ion will be pro	ovided to elist	me safety an	d efficiency (or these area.
B 215					
▲ Dawangzhuang (VYK)					
N39° 11.7′ E116° 34.3′	<u>249°</u>				
▲ BOBAK	069° 16			↓	
N39° 07.6′ E116° 24.3′	249°	-			
	069°				
▲ Zangangzhen NDB (JB)	20				
N39° 02.6′ E116° 11.9′	<u>251°</u>				
△ ENGIL	071°				
	71 251°	1 130			Beijing ACC
N38° 46.5′ E115° 26.8′	071°				J 5
▲ SAKOD	27				
N38° 40.4′ E115° 09.8′	251°				
A LIDTA D	071°		20		
▲UBTAB	47	_			
N38° 29.8′ E114° 40.5′	251°				
▲ Xingtang NDB (OC)	071° 11				
N38° 27.3′ E114° 33.3′	250°				
	070°				
▲ISGOD	45				
N38° 17.1′ E114° 05.4′	<u>250°</u>				
A LIDLAT	070°	2 465			Beijing ACC
▲ UBLAT	62	-			(Above 7 800m)
N38° 03.0′ E113° 26.6′	250° 070°			↑	Taiyuan ACC (7 800m or below)
▲ Taiyuan VOR (TYN)	80			'	(7 dodin of below)
N37° 44.9′ E112° 37.2′					

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
B 215(con't)					
▲ Taiyuan VOR (TYN) N37° 44.9′ E112° 37.2′	280°			1	
▲ GODON	100° 24			↓	Beijing ACC
N37° 46.5′ E112° 21.1′	280° 100°	3 430			(Above 7 800m)
▲ OMKAK	56				Taiyuan ACC
N37° 50.1′ E111° 43.0′	280° 100°				(7 800m or below)
▲ APOGO	93				
N37° 55.8′ E110° 39.9′	280° 100°	2 250			Xi'an ACC
▲ LUVES	208				
N38° 08.8′ E108° 18.4′	280° 100°				
▲ MIMOK	49	2 200			
N38° 12.0′ E107° 45.0′	281° 101°	2 200			
▲ Yinchuan VOR (YHD)	118				
N38° 20.8′ E106° 24.6′	294° 114°	3 798			
▲ OPULI	123				Lanzhou ACC
N38° 44.1′ E105° 05.3′	294° 114°	2 469			Lanzhou / ICC
* ▲ Yabrai VOR (YBL)	214				
N39° 25.3′ E102° 46.5′	278° 098°	2 872			
▲ Jiayuguan VOR (CHW)	382				
N39° 51.3′ E098° 21.0′	310°	2.400			
** ▲ NUKTI	130° 346	3 480			
N41° 51.7′ E095° 12.0′	310°			}	
▲ Hami VOR (HMI)	130° 168	2 983			
N42° 50.1′ E093° 38.2′	286° 106°				
▲ GURVO	255				
N43° 32.7′ E090° 38.7′	286° 106°	4 944	20		
△ DUMAM	106°	4 744	20		Urumqi ACC
N43° 57.9′ E088° 48.7′	286° 106°				
▲ Fukang VOR (FKG)	70				
N44° 10.4′ E087° 59.0′	231° 051°	2 400			
△ Urumqi VOR (URC)	50	2 400		1	
N43° 54.6′ E087° 28.5′					

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
B 215(con't)					
△ Urumqi VOR (URC)					
N43° 54.6′ E087° 28.5′	233°			1	
▲ KABDO	053° 73	3 979		Ť	
N43° 32.6′ E086° 43.0′	233° 053°				
△ EPDAG	50				
N43° 17.6′ E086° 12.1′	233°				
\triangle POSOT	053° 22	5 889			
N43° 11.0′ E085° 58.4′	233°	2 007			
▲ BEBEP	053° 194				Urumqi ACC
N42° 12.6′ E084° 00.1′	233°		20		
▲ Kuqa VOR (KCA)	053° 100				
N41° 42.9′ E082° 59.7′	230°				
	050°	2 600			
△ LESVI N40° 07.2′ E080° 10.3′	296				
1N4U U/.2 EU8U 1U.3	230° 050°	2 287			
▲ Shache VOR (SCH)	315				
N38° 25.7′ E077° 14.5′	221°				
**▲PURPA (中巴国境点)	041° 231	7 026		1	
N36° 56.5′ E075° 24.5′	77 - 12 15 11 - 2				Lahore FIR

^{*} 雅不赖 VOR 至 NUKTI 航段需经管制同意后使用。

** RNAV2 is implemented on segments between NOKTI and Urumqi VOR (URC), RNP4 is implemented on segments between Urumqi VOR (URC) and PURPA. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

B 221					
▲ Lianjiang VOR (LJG)					Shanghai ACC (Above 7 800m)
N26° 13.2′ E119° 32.9′	036° 216°	1 975	1	•	Xiamen ACC (7 800m or below)
▲ RUPOX	119			1	
N27° 07.6′ E120° 11.3′					

^{*} Segments Yabrai VOR to NUKTI used by ATC.

^{**} NUKTI 至乌鲁木齐 VOR 段实施 RNAV2 运行,乌鲁木齐 VOR 段至 PURPA 段实施 RNP4 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。

	国际	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
B 221(con't)					
A DUDOV					
▲ RUPOX N27° 07.6′ E120° 11.3′	036°				
N27 07.0 E120 11.3	216°	1 713		↓ ↓	
▲ Dongshan VOR (DST)	82	1 /13			
N27° 45.0′ E120° 37.8′	010°				
	190°				
▲ REMIM	124	1 982			
N28° 51.5′ E120° 44.4′	010°	1 702			
A GL . L . MOD (GIVE)	190°				
▲ Shengzhou VOR (SHZ) N29° 36.0′ E120° 49.0′	83 010°				
1127 JU.U E12U 47.U		1 612			
▲ SUPAR	190° 47	1 012			
N30° 01.4′ E120° 51.5′	058°		_		
	238°	1 045			
▲ OKTUG	12				
N30° 05.3′ E120° 57.6′	058°				
	238°	1 045			
▲ Andong VOR (AND)	31				
N30° 15.4′ E121° 13.3′	<u>062°</u>				
. FV 4.GO	242°				
▲ ELAGO N30° 48.0′ E122° 11.0′	110 021°	804			Shanghai ACC
N30° 48.0 E122° 11.0					· ·
▲NINAS	201° 23				
N31° 00.0′ E122° 15.0′	026°		_		
	206°	600			
▲ PINOT	53				
N31° 27.0′ E122° 27.0′	344°				
	164°				
▲ ALDAP	21				
N31° 37.5′ E122° 22.2′	344°	650			
A IDECI	164°	658			
▲ IBEGI N31° 49.4′ E122° 16.6′	24 344°				
1.31 T/.T L122 10.0	164°				
▲ ODULO	170				
N33° 15.2′ E121° 37.2′	344°		1		
	164°				
▲ GORPI	50	600			
N33° 40.1′ E121° 24.4′	344°	000			
	164°				
▲ SAGUT N35° 00 0′ E120° 46 0′	159 344°		_		
N35° 00.0′ E120° 46.0′					
▲ IDVEL	164° 46				
N35° 22.9′ E120° 34.9′	344°	1 325			Qingdao ACC
1.00 22.7 2120 54.7	164°			↑	Zingaao nee
▲ Xuejiadao VOR (XDX)	71			'	
N35° 58.7′ E120° 17.4′		II.	4	1	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标	航迹(磁)、	最低飞行高	航路宽度	巡航高度层	
Route designator	距离(千米)	度	(千米)	方向	备注、管制单位
Name of significant points	Track(MAG)	MNM flight	Lateral limits	Direction of	Remarks, Controlling unit
Coordinates	DIST(km)	altitude(m)	(km)	cruising levels	
1	2	3	4	5	6
B 330					
▲*MORIT (中蒙国境点)		T			
N42° 02.0′ E102° 49.0′	183° 003°			↓	
▲ GOBIN	59	2.507			
N41° 30.0′ E102° 48.5′	183°	2 507			
	003°				
▲*Yabrai VOR (YBL)	231				
N39° 25.3′ E102° 46.5′	157° 337°	3 600			
▲ Jingtai VOR (JTA)	273	2 000			
N37° 11.8′ E104° 04.8′	180°		1		Lanzhou ACC
	360°	3 454			
▲ XIXAN	102				
N36° 16.8′ E104° 07.5′	180°				
	360°	4 207			
△ IKISI	48				
N35° 51.0′ E104° 08.8′	180°	4 400			
A EL DAN	360° 97	4 490			
△ ELPAN			20		
N34° 58.6′ E104° 11.5′	180° 360°	5 095			
▲ OMBON	180	3 073			
N33° 21.4′ E104° 16.3′	180°				
1,00 2111 2101 1010	360°	5 094			
▲ DOREX	235				
N31° 14.8′ E104° 22.5′	180°				
	360°	1 593			
▲ Jintang VOR (JTG)	42		1		
N30° 52.3′ E104° 23.4′	164°				
▲ Wufengxi VOR (WFX)	344° 31				Chengdu ACC
N30° 36.4′ E104° 29.5′	164°	1 659			Č
N30 30.4 E104 29.3	344°				
▲ Ziyang VOR (ZYG)	57				
N30° 07.1′ E104° 40.6′	163°				
	343°	2 382			
▲ Xuyong VOR (XYO)	228			1	
N28° 10.3′ E105° 25.2′	-	1	IL.		
* 为加强对 R330 (雅布翰 VRI)	MODIT) 紀年で	人工工品品收益	, 西书汇运印	上於內工公公公	右見冬 FANG 1/FANG A 能

^{*} 为加强对 B330(雅布赖 YBL-MORIT)航段飞行活动的监控,要求沿该段航路飞行的所有具备 FANS 1/FANS A 能力的航空器在预计加入该航段(雅布赖 YBL-MORIT)前 15 分钟人工登录到兰州的 ADS 地面系统(具备 CPDLC 功能),地面系统的登录地址为: ZLLL(兰州 ACC)。要求航空器在离开上述航段时与地面系统脱离。具备 FANS 1/FANS A 能力的航空器的驾驶员同时应当接受适当的培训,以胜任上述工作。 该航路的空中交通管制目前仍是只基于通过 VHF/HF 话音通讯的程序管制服务。CPDLC 仅用于通信试验,不用于实际的管制指挥。

The air traffic control service provided on this route is procedure control, still based on the VHF/HF voice communication. CPDLC is only used for communication trial at present, not for realistic application in ATC operation.

^{*} To strengthen the monitoring to flights on route segment of B330 from Yabrai (YBL) to MORIT (N42°02.0′ E102°49.0′), all FANS1/FANS A capable aircraft operating on this route is required to manually LOG ON to the ADS ground system with CPDLC capability in Lanzhou ACC (AFN address, ZLLL) 15 minutes prior to the pilot estimated time of entering the route segment and to LOG OUT when leaving the route segment. The pilot of FANS1/FANS A capable aircraft shall be trained appropriately to be qualified for it.

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
B 330(con't)					
▲ Xuyong VOR (XYO) N28° 10.3′ E105° 25.2′	156° 336°	2 372		↓	
▲ UKEGO N28° 00.0′ E105° 30.8′	21 156° 336°	2 648	_		Chengdu ACC
▲ IDSEG N27° 40.8′ E105° 41.2′	39 156° 336°	2 699			
▲ Qianxi VOR (QNX) N27° 02.5′ E106° 01.8′	79 129° 309°	2 400			
▲ Guiyang VOR (KWE) N26° 31.4′ E106° 47.7′	95 109° 289°	2 300			Guiyang ACC
▲ KAGRA N26° 27.4′ E107° 02.4′	26 109°	2 486	_		
▲ ESNIB N26° 14.1′ E107° 52.8′	289° 87 109°	2 483			
▲ ELKAL N26° 05.8′ E108° 23.8′	289° 54 109°		_	_	
▲ Sanjiang VOR (SJG) N25°46.6′ E109°36.6′	289° 126 138°	2 156	_		
▲ MAMSI N25° 12.3′ E110° 12.7′	318° 88 138° 318°	2 450			Guangzhou ACC (Above 7 800m) Guilin ACC (7 800m or below)
▲ Ertang NDB (QP) N24° 40.2′ E110° 46.6′ ▲ MUBEL	82 138° 318° 72	1 972			
N24° 12.6′ E111° 16.2′ ▲ Gaoyao VOR (GYA)	138° 318° 177	1 874		1	
N23° 04.2′ E112° 29.2′ ▲ Pingzhou VOR (POU)	<u>097°</u>	1 600	10	1	Guangzhou ACC
N23° 01.3′ E113° 11.4′	72 139°	1 535	20		
▲ TAMOT N22° 21.5′ E113° 52.0′	101				

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
B 332					
▲ SANKO N38° 15.0′ E122° 27.2′ ▲ TOMUK	076° 256° 144	600		↓	Dalian ACC
N38° 43.0′ E124° 00.0′		1	-		
B 334					
▲ Tanghekou NDB (YV)					
N40° 44.0′ E116° 38.0′	006° 186°		20	1	Beijing ACC
▲ PIDOX	56	2 647			
N41° 14.1′ E116° 37.5′	059°	2 047			
▲ KAKAT	239°				
N42° 11.0′ E118° 15.3′	171 072°			-	
11.2 11.0 21.0 10.0					
▲ LELOG	252° 203				
N42° 58.0′ E120° 29.3′	072°	2 357			Shenyang ACC
	252°				Shenyang 1100
▲ Tongliao VOR (TGO)	153			1	
N43° 33.6′ E122° 11.8′	100				
B 339					
▲POLHO (中蒙国境点)					
N44° 47.0′ E113° 15.0′	152°			↓	Beijing ACC (Above 7 800m)
	332°				Hohhot ACC
△ ERVEB	226	2 399			(7 800m or below)
N43° 06.7′ E114° 51.8′	152°				
A CALIC	332° 156				
▲ SALIS N41° 57.5′ E115° 57.1′	152°				
	332° 98	2 892			
▲ PIDOX N41° 14.1′ E116° 37.5′					
▲ Huairou VOR (HUR)	181° 001° 101	2 647			Beijing ACC
N40° 19.8′ E116° 44.9′	177°		_		
▲LADIX	357° 135	1 600		1	
N39° 07.8′ E116° 59.5′					

	国际	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
B 345 ▲ NONIM (中尼国境点) N27° 50.0′ E087° 26.0′ ▲ Rikaze VOR (RKZ) N29° 21.3′ E089° 16.3′	047° 227° 246 092°	7 324		1	Lhasa ACC
▲ Lhasa VOR (LXA) N29° 17.8′ E090° 59.9′	272° 167	6 726		↑	
B 451 ▲BISUN(中俄国境点) N43°14.0′E131°11.8′ ▲Wangqing VOR (WQG)	283° 103° 114	2 077		1	Shenyang ACC
N43° 17.6′ E129° 47.1′ ▲ ATODO N43° 48.5′ E129° 01.2′ ▲ UGABI N44° 07.6′ E128° 33.0′	323° 143° 84 323° 143° 52 323° 143°	2 290			
▲ KETOV N45° 01.8′ E127° 10.6′ ▲ Harbin VOR (HRB)	148 323° 143° 98	_			W. 1. 1.00
N45° 37.6′ E126° 15.6′ ▲ ONINA N46° 16.3′ E125° 20.2′	325° 145° 101 325° 145°	- 830			Harbin ACC
▲ Qiqihar VOR (NDG) N47° 14.7′ E123° 55.2′ ▲ TEPOD N47° 48.1′ E122° 46.2′	152 316° 136° 106 316° 136°	2 080		1	Hailar ACC
▲ Hailar VOR (HLD) N49° 12.2′ E119° 49.3′	267				

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标	航迹(磁)、	最低飞行高	航路宽度	巡航高度层	by an art of the same
Route designator	距离(千米)	度(米)	(千米)	方向	备注、管制单位
Name of significant points Coordinates	Track(MAG) DIST(km)	altitude(m)	Lateral limits (km)	Direction of cruising levels	Remarks, Controlling unit
1	2	3	4	5	6
B 458	2	3	т -	3	0
▲ Erenhot VOR (LHT)					
N43° 24.8′ E112° 07.6′	160°				Beijing ACC
	340°	2360			(Above 7 800m)
▲ Tumurtai VOR (TMR)	195				Hohhot ACC
N41° 50.6′ E113° 09.2′	160°	2024			(7 800m or below)
▲ Tianzhen VOR (TZH)	340°	2 934			
N40° 24.5′ E114° 03.1′	176 167°		_	-	
N40 24.5 E114 05.1	347°	2 906		↑	
▲LARAD	148			•	
N39° 08.8′ E114° 36.2′	180°			1	
▲ UBTAB	72	2.417			
N38° 29.8′ E114° 40.5′	180°	2 617			
▲ Zhengding VOR (SJW)	24				Beijing ACC
N38° 16.8′ E114° 41.9′	180°				
△ OLRAP	87	756			
N37° 29.9′ E114° 47.4′	180°	756			
▲ Weixian VOR (WXI)	127				
N36° 21.8′ E114° 55.0′					
* B 591					Taibei FIR
▲ KASKA					
N28° 41′ 57″ E123° 41′ 39″	005°			↓	
· Magor	185°			Ť	
▲ MIGOL	229	600			
N30° 45.8′ E123° 41.7′	297° 117°				Shanghai ACC
▲ BOLEX	71			1	
N31° 00.0′ E123° 00.0′			•		
*飞行高度 8 400 米 (不含):	以上: 往返同	0		<u> </u>	

^{*}飞行高度 8 400 米(不含)以上;往返同。

^{*}En-route altitudes above 8 400m; and vice versa.

	国际	航 路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
G 204					
▲ Huangshan VOR (TXN)	100°		T		
N29° 44.3′ E118° 15.2′ ▲ ABVIL	280°			↓	
N29° 38.5′ E119° 18.9′	103 098°	2 050			
▲ ELNEX	278° 17		_		
N29° 37.9′ E119° 29.4′	096° 276°				
▲ UGAGO N29° 37.7′ E119° 39.1′	16 096°	1 846			Shanghai ACC
▲ Shengzhou VOR (SHZ)	276° 112				
N29° 36.0′ E120° 49.0′	033° 213°				
▲ VEXEX N29° 58.4′ E121° 02.8′	47 033° 213°	1 617			
▲ Andong VOR (AND) N30° 15.4′ E121° 13.3′	36 012°				
▲ Jiuting VOR (JTN)	192° 97	1 232		↑	
N31° 07.4′ E121° 20.5′					

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
* G 212 ▲ARGUK(中俄国境点)					
N47° 53.0′ E134° 39.5′ A Haiqing NDB (IJ)	042° 2	700			
N47° 52.1′ E134° 38.7′	08 1°	1 099		<u> </u>	
▲ Jiamusi VOR (JMU) N46° 50.5′ E130° 27.9′	335 258° 078°			1	
▲ IGADO N45° 57.8′ E127° 24.7′	253 258° 078°	1 834			Harbin ACC
▲ Harbin VOR (HRB) N45° 37.6′ E126° 15.6′	97 245° 065°		_		
▲ EKADO N45° 06.1′ E125° 11.2′	102 245° 065°	890	20		
▲ Fuyu VOR (FYU) N44° 54.7′ E124° 48.2′	37 243° 063°				
▲ OTABO N44° 27.3′ E123° 54.9′ ▲ Tongliao VOR (TGO)	87 243° 063°	850	_		
N43° 33.6′ E122° 11.8′	170 240° 060°				
▲ IKOKO N42° 54.7′ E121° 04.6′	116 240° 060°	2 490			Shenyang ACC
△ UPNAT N41° 56.6′ E119° 25.5′ ▲ DABMA	173 240° 060° 93				
N41° 25.3′ E118° 32.7′	237° 057°				
▲ Chedaoyu NDB (CDY) N40° 34.7′ E117° 13.4′ ▲ Huairou VOR (HUR)	145 242° 062° 49	2 716			Beijing ACC
N40° 19.8′ E116° 44.9′ ▲ Qingbaikou NDB (CD)	252° 072° 87	2 771		1	
N40° 00.8′ E115° 48.3′			,		

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
* G 212 (con't)					
▲ Qingbaikou NDB (CD) N40° 00.8′ E115° 48.3′	233° 053°			1	
▲ RENOB	42	2.002		*	D ACC
N39° 45.3′ E115° 26.8′	233°	2 903			Beijing ACC
▲LARAD	053° 99				
N39° 08.8′ E114° 36.2′	233°	2.55	1		
▲ NONIT	053° 79	2 881			
N38° 40.5′ E113° 55.6′	233°		=		
▲EXUMI	053° 99				
N38° 05.0′ E113° 04.9′	233°	2 404			Beijing ACC (Above 7 800m)
▲ Taiyuan VOR (TYN)	053° 55				Taiyuan ACC
N37° 44.9′ E112° 37.2′	237°				(7 800m or below)
▲OKVUM	057°				
N36° 28.4′ E110° 30.6′	235 237°	2 700	20		
	057°				
▲NUGLA	128				
N35° 46.8′ E109° 22.6′	<u>202°</u>				
▲ Mizi VOR (MIZ)	022° 112				
N34° 49.2′ E108° 59.7′	199°	2 332	8		
1(34 4).2 E100 3).7	019°				
▲ Sanyuan NDB (OD)	26				
N34° 35.9′ E108° 54.9′	<u>191°</u>				Xi'an ACC
▲ Yanzhuang NDB (ZS)	011°	2 200			
N34° 13.3′ E108° 51.2′	42 209°				
	029°	3 615	10		
▲ Ningshan VOR (NSH)	112				
N33° 19.1′ E108° 18.7′	<u>236°</u>				
▲SUBUL	056°	3 300	20	↑	
N32° 19.7′ E106° 42.6′	186		<u> </u>		
1432 15.7 E100 42.0					

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
* G 212 (con't)					
▲ SUBUL					
N32° 19.7′ E106° 42.6′	236°			\downarrow	
▲ ARAPA	056° 158				
N31° 28.9′ E105° 21.5′	236°				
▲ VENON	056° 77	2 689	20		
N31° 04.2′ E104° 42.2′	236° 056°				
▲ Jintang VOR (JTG)	37				Chengdu ACC
N30° 52.3′ E104° 23.4′	186° 006°	1 659	10		
▲ Fujiachang VOR (FJC)	105				
N29° 55.7′ E104° 18.2′	182° 002°				
▲ KAKMI	138	3 289			
N28° 41.1′ E104° 17.7′	182° 002°				
▲ OMLIP	108				
N27° 42.6′ E104° 17.2′	182° 002°	3 455	20		
▲ Weining NDB (HX)	94		20		
N26° 51.6′ E104° 16.9′	220° 040°		1		
▲ MEBNA	98	2 001			Kunming ACC
N26° 10.8′ E103° 39.0′	220° 040°	3 981		↑	
▲ Panlong VOR (XFA)	112			1	
N25° 24.1′ E102° 56.0′			•		

- * G212 实施 RNAV5 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需严格按规定填写飞行计划报编组 10 和编组 18 内容,空管部门会在起飞前的协同决策阶段给予优先放行;对不符合 PBN 适航和运行合格审定要求的航空器,空管部门将配备适当间隔以确保区域飞行的安全和秩序。
- * RNAV5 is implemented on G212. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required, and will be given a higher priority to fly; For aircraft do not meet, appropriate separation will be provided to ensure safety and efficiency of these area.

17 m/ m/ pr = 1		航路 Interna								
航路代号、重要点名称、坐标	航迹(磁)、	最低飞行高	航路宽度	巡航高度层	夕心 烧削的几					
Route designator Name of significant points	距离(千米)	度(米)	(千米)	方向	备注、管制单位					
Coordinates	Track(MAG) DIST(km)	altitude(m)	Lateral limits (km)	Direction of cruising levels	Remarks, Controlling un					
		, ,	, ,							
G 218	2	3	4	5	6					
▲ Hohhot VOR (HET)	045°									
N40° 43.5′ E111° 54.0′	225°			↓						
▲ IGPAS	106	• 00 1								
N41° 27.6′ E112° 43.1′	045°	2 806								
	225°				D -::: A CC					
▲ Tumurtai VOR (TMR)	56				Beijing ACC (Above 7 800m)					
N41° 50.6′ E113° 09.2′	007°				Hohhot ACC					
A AWAD A D	187°				(7 800m or below)					
△ UKBAD	130 007°	2 378								
N43° 00.7′ E113° 11.4′	187°									
▲POLHO(中蒙国境点)	197			1						
N44° 47.0′ E113° 15.0′		I.	1							
G 221										
▲ BUNTA										
N16° 50.0′ E109° 23.7′	343°									
	163°			1						
▲SAGSU	78									
N17° 30.1′ E109° 09.8′	002°				Sanya ACC					
	182°	600								
▲ KAGUK	19									
N17° 40.2′ E109° 09.9′	002°					1				
	182°									
▲ Sanya VOR (SYX)	71									
N18° 18.6′ E109° 10.4′	052°									
	232°	1 932								
▲ Baolong NDB (WL)	32				G 4.GG					
N18° 29.3′ E109° 24.2′	029°				Sanya ACC (Above 7 200m)					
	209°	2 482			Sanya APP					
▲*GIVIL	96		10		(7 200m or below)					
N19° 15.0′ E109° 50.0′	022°									
	202°	2 050								
▲*Nanyingbindao VOR (NYB)	91									
N20° 00.9′ E110° 08.2′	036°	922								
	216°	822								
▲ SAMAS N20° 30.3′ E110° 29.7′	66 051°		1							
1120 30.3 E110 29.7										
A GIVIV	231°									
▲ GIVIV N20° 57.2′ E111° 03.3′	77 051°	1 469			Cuana-l ACC					
1120 37.2 E111 03.3					Guangzhou ACC					
▲ BIGRO	231°			↑						
■ DIONO	105			'						

^{*}En-route altitudes for aircrafts CAT C and D 6 900m—11 900m.

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
G 327 A Jiuting VOR (JTN) N31°07.4′ E121°20.5′	104°				
▲ NINAS N31° 00.0′ E122° 15.0′	284° 88 095°	1 232		1	
▲LASAN N31°00.0′ E122°25.5′	275° 17 095°				
▲ BONGI N31° 00.0′ E122° 38.9′	275° 21 095° 275°	600			Shanghai ACC
▲ BOLEX N31° 00.0′ E123° 00.0′	275° 34 060° 240°				
▲ TONIX N31° 19.9′ E123° 32.6′	64 060° 240°			↑	
ALAMEN N31° 36.6′ E124° 00.0′ G 330	53				
▲ Nanxiang NDB (PK) N31° 17.0′ E121° 19.8′	317°				
▲ POMOK N31° 27.0′ E121° 07.0′	137° 27 341°	1 232		1	
▲ XIREM N31° 44.7′ E120° 57.5′	161° 36 341° 161°	707			gi 1 1 1 G
▲ PIKAS N32° 10.0′ E120° 44.0′	51 281° 101°				Shanghai ACC
▲UNTAN N32° 12.2′ E120° 17.1′	42 281° 101°	858		↑	
▲ PIMOL N32° 14.8′ E119° 45.7′	49			l l	

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
G 332 ▲GITUM					
N40° 44.7′ E116° 59.1′	215°	2 032			Beijing ACC
▲SABEM	32			1	
N41° 00.0′ E117° 10.0′	085° 265°			1	
▲ RULOP	126	2 490			
N41° 14.5′ E118° 37.9′	085° 265°	2 470			
▲ Chaoyang VOR (CHG)	154			1	Shenyang ACC
N41° 32.2′ E120° 26.0′					
G 338 △KAGAK					
N49° 16.0′ E118° 06.0′	252° 072°	1 611		↓	Hailar ACC
▲SARUL (中蒙国境点)	189			<u> </u>	
N48° 30.9′ E115° 47.2′					
G 341					
▲ Tongliao VOR(TGO)					
N43° 33.6′ E122° 11.8′	095° 275°			↓	
▲ BUTET	169	1271			
N43° 40.9′ E124° 17.8′	095° 275°				
▲ Wanchang VOR(LJB)	125		_		
N43° 46.4′ E125° 51.1′	108° 288°	1 884			Shenyang ACC
▲ BUTID	116		_		
N43° 37.4′ E127° 17.0′	110° 290°				
▲ KANVU	146	1 918			
N43° 23.7′ E129° 03.9′	110° 290°			1	
▲ Wangqing VOR (WQG) N43° 17.6′ E129° 47.1′	59				

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
G 343					
▲ Tumurtai VOR (TMR) N41° 50.6′ E113° 09.2′ △ ASURI N42° 36.2′ E111° 54.0′	315° 135° 133 315°	2 377		\	Beijing ACC (Above 7 800m) Hohhot ACC (7 800m or below)
▲NIXAL (中蒙国境点) N43° 12.7′ E110° 53.0′	135° 107			1	
G 345					
▲ UNTAN N32° 12.2′ E120° 17.1′	247° 067°	750		↓	
▲ Benniu NDB (ZJ) N31° 56.5′ E119° 42.6′	61 248° 068°		_		Shanghai ACC
▲ OBLAP N31° 40.8′ E119° 06.5′	64 248° 068°	1 058		†	
▲ Lishui NDB (GS) N31° 39.1′ E119° 02.5′	7			1	
G 455					
▲ Nanxiang NDB (PK) N31° 17.0′ E121° 19.8′	084° 264°			↓	
▲ Hengsha VOR (HSH) N31° 22.1′ E121° 50.8′	50 066° 246°	1 232		*	
▲ ALDAP N31° 37.5′ E122° 22.2′	57 087°		_		
▲MATNU N31° 39.6′ E122° 38.0′	267° 25 087° 267°				Shanghai ACC
▲EMSAN N31° 40.7′ E122° 46.5′	14 087° 267°	600			
▲ SURAK N31° 46.4′ E123° 29.5′ ▲ LAMEN	69 116° 296° 51			↑	
N31° 36.6′ E124° 00.0′	J1				

	国际	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
G 470		l	1	1	
** ▲ Qitai VOR (QTV)					
N43° 59.3′ E089° 36.7′	130° 310°			↓	
▲ ESBID	101			•	
N43° 22.4′ E090° 32.1′	134°	-			
	314°				
△ TAMOX	77	12.10			
N42° 52.9′ E091° 12.5′	134°	4248			Urumqi ACC
	314°				
▲ IPMUN	57				
N42° 31.1′ E091° 41.7′	134°				
	314°				
** ▲ BIKNO	252				
N40° 54.9′ E093° 50.9′	134°				
	314°	2 617	20		
▲ Dunhuang VOR (DNH)	118				
N40° 09.9′ E094° 50.1′	119°				
	299°				
▲ AKTOB	138				
N39° 34.9′ E096° 16.0′	119° 299°	6 081			
△IGPIT	466				
N37° 37.3′ E101° 00.1′	119°	-			
	299°				Lanzhou ACC
▲ELBAD	58				
N37° 22.5′ E101° 35.0′	097°				
	277°	5 624			
* ▲ Jingtai VOR (JTA)	221				
N37° 11.8′ E104° 04.8′	144°				
	324°	3 617			
▲ Jingning VOR (JIG)	236				
N35° 31.9′ E105° 43.4′	103°				
	283°				
▲ VISIN	61	3 542	20		
N35° 25.6′ E106° 23.3′	103°	3 372	20		
	283°			•	Xi'an ACC
▲ Changwu NDB (HO)	128			<u> </u>	711 mi / 100
N35° 12.6′ E107° 46.1′					

^{*}奇台 VOR 至景泰 VOR 航段飞行高度 6 000 米至 12 500 米;往返同。

^{*} Segments Qitai VOR to Jingtai VOR en-route altitudes 6 000m—12 500m; and vice versa.

^{**} 奇台 VOR 至 BIKNO 段实施 RNAV2 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的 航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者 没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。

^{**} RNAV2 is implemented on segments between Qitai VOR (QTV) and BIKNO. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
G 471 ▲ Pingzhou VOR (POU) N23° 01.3′ E113° 11.4′	<u>085°</u>	1 200		↓	
▲ Shilong VOR (SHL) N23° 05.5′ E113° 51.0′	70 041°	1 881			
▲ Longmen VOR (LMN) N23° 38.9′ E114° 19.6′	79 039°				Guangzhou ACC
▲ XEBUL N24° 17.0′ E114° 51.0′	88 015°	1 920			
▲ EGEDA N25° 20.9′ E115° 06.7′	121 338°	1 785	_		
▲ Panlong VOR (PLT) N25° 48.5′ E114° 52.5′	56				
G 586					
▲ Yingde VOR (YIN) N24° 11.4′ E113° 24.9′	284°	2 446		↓	Guangzhou ACC
▲ NODOG N24° 34.6′ E111° 17.7′	219 284°	2 329			
▲ Ertang NDB (QP) N24° 40.2′ E110° 46.6′	53 318° 138°		-	1	Guangzhou ACC
▲ MAMSI N25° 12.3′ E110° 12.7′	82 318° 138°	2 450			(Above 7 800m) Guilin ACC (7 800m or below)
▲ Sanjiang VOR (SJG) N25° 46.6′ E109° 36.6′	88 324° 144°	1 912		•	
▲LAGEX N26° 25.8′ E109° 01.6′	94			1	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
*G 588 ▲ Fukang VOR (FKG) N44° 10.4′ E087° 59.0′ △ TESAN N47° 01.7′ E089° 47.8′ ▲ TEBUS(中蒙国境点) N47° 25.1′ E090° 27.7′	021° 201° 347 046° 226° 66	3 350 4 500	_	1	Urumqi ACC

^{*} G588 实施 RNP4 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。

^{*} RNP4 is implemented on G588. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

	国际航路 International air routes								
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit				
1	2	3	4	5	6				
* G 597 • AGAVO N37° 10.0′ E124° 00.0′	314°			L	Dalian ACC				
△ DONVO N37° 34.0′ E123° 20.0′	134° 74	600	20	<u> </u>					

- * G597 实施 RNAV5 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需严格按规定填写飞行计划报编组 10 和编组 18 内容,空管部门会在起飞前的协同决策阶段给予优先放行;对不符合 PBN 适航和运行合格审定要求的航空器,空管部门将配备适当间隔以确保区域飞行的安全和秩序。
- * RNAV5 is implemented on G597. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required, and will be given a higher priority to fly; For aircraft do not meet, appropriate separation will be provided to ensure safety and efficiency of these area.

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标	航迹(磁)、	最低飞行高	航路宽度	巡航高度层	
Route designator	距离(千米)	度(米)	(千米)	方向	备注、管制单位
Name of significant points	Track(MAG)		Lateral limits		Remarks, Controlling unit
Coordinates	DIST(km)	altitude(m)	(km)	cruising levels	
1	2	3	4	5	6
R 200					Taibei FIR
▲* OLDID					Taibel FIK
N23° 00′ 00″ E117° 30′ 00″	270°			1	
	090°			*	
ALADUC	12				
▲ LAPUG N22° 59.7′ E117° 22.8′		1 121			Guangzhou ACC
1\22 3).7 E117 22.0	270°				(Above 4 500m)
	090°				Shantou APP
▲ BEBEM	104				(4 500m or below)
N22° 57.0′ E116° 21.6′	266°				
	086°	1 205			
▲ SUMDO	49				
N22° 54.0′ E115° 52.9′	266°				
	086°				
▲ OVGOT	117	1.026			
N22° 47.0′ E114° 45.0′	266°	1 936			
	086°				
▲ VIPAP	22				
N22° 45.7′ E114° 31.9′	266°		_		
1,22 13.7 2111 31.5		1 604			
A.C. I. MOD (CLM)	086°	1 004			
▲ Guanlan VOR (GLN)	51				
N22° 42.5′ E114° 02.0′	229°				
	049°	1 543			
▲ Lianshengwei VOR (ZUH)	80				Guangzhou ACC
N22° 13.3′ E113° 28.0′	249°				Guangznou / ICC
	069°				
▲ ADBIN	72				
N21° 58.1′ E112° 49.3′	249°				
	069°	1 535			
▲ MEPOG	31				
N21° 51.5′ E112° 32.8′	249°				
▲ BIGRO	069°				
N21° 34.2′ E111° 49.6′	81 2540		_		
1921 34.2 E111 49.0	254°	1.460			
	074°	1 468		^	
▲ Huguang NDB (LH) N21° 08.1′ E110° 20.0′	162			<u> </u>	

^{*}飞越 OLDID 高度 8 400 米 (不含) 以上。

^{*}Altitudes over OLDID above 8 400m.

▲ Yanji VOR (YNJ)		国际	航路 Interna	ational air route	es	
R 213 A MAGIT(牛俄国是点) N47° 41.5° E131° 09.0° 220° 1 088 A Jianusi VOR (JMU) N46° 50.5° E130° 27.9° R 224 A Yanji VOR (YNI) N42° 53.0° E129° 27.1° A VASRO(中初區境点) N42° 27.8° E129° 44.4° R 339 A SIKOU N20° 50.6° E111° 30.0° A GIVIV N20° 57.2° E111° 03.3° A Huguang NDB (LH) N21° 08.1° E110° 20.0° N21° 08.1° E110° 20.0° A Nankang VOR (BHY) N21° 25.2° A Nankang VOR (BHY) N21° 25.2° A Nikuk N22° 27.0° E108° 45.1° 312° 132° A Nanning VOR (WUY) N22° 35.1° E108° 08.9° A Nanning VOR (WUY) N22° 35.1° E108° 08.9° A Nanning VOR (WUY) N22° 35.1° E108° 08.9° A Bose VOR (BSE) A Bose VOR (BSE) A Bose VOR (BSE) A Bose VOR (BSE) A Harbin ACC Harbin ACC Harbin ACC Harbin ACC Harbin ACC B Harbin ACC Harbin ACC Harbin ACC	Route designator Name of significant points	距离(千米) Track(MAG)	度(米) MNM flight	(千米) Lateral limits	方向 Direction of	
▲ MAGIT(中検阅規法) N47°41.5′ E131°09.0′		2	3	4	5	6
A Jianusi VOR (JMU) N46° 50.5′ E130° 27.9′ R 224 A Yanji VOR (YNI) N42° 53.0′ E129° 27.1′ A VASRO(中新国统意) N42° 75.0′ E129° 27.1′ B 343° A SIKOU N20° 50.6′ E111° 30.0′ A GIVIV N20° 57.2′ E111° 30.3′ A Huguang NDB (LH) N21° 08.1′ E110° 20.0′ A Nankang VOR (BHY) N21° 35.2′ E109° 25.9′ A LEKI N21° 35.2′ E109° 25.9′ A NIKUK N22° 37.5′ E109° 05.7′ A NIKUK N22° 37.5′ E109° 05.7′ A NIKUK N22° 37.5′ E109° 05.7′ A Nikuk N22° 37.5′ E109° 08.9′ A Nanning VOR (WUY) N22° 35.1′ E108° 08.9′ A Nanning VOR (WUY) N22° 35.1′ E108° 08.9′ B 135° A Bose VOR (BSE) A Bose VOR (BSE) A Bose VOR (BSE) A Naning VOR (BSE)	▲MAGIT(中俄国境点)		,			
R 224 A Yanji VOR (YNJ) N42°53.0′ E129°27.1′ A VASRO(中朝国境点) N42°27.8′ E129°44.4′ R 339 A SIKOU N20°50.6′ E111°30.0′ A GIVIV A 48 N20°57.2′ E111°03.3′ A Huguang NDB (J.H) N21°08.1′ E110°20.0′ I 200° I 200° I 200° I 300° I 200° I 312° I 313° I 315° I 315			1 088		1	Harbin ACC
▲ Yanji VOR (YNJ)		100				
N42° 53.0′ E129° 27.1′ A VASRO(中朝国境点) N42° 27.8′ E129° 44.4′ R 339 A SIKOU N20° 50.6′ E111° 30.0′ N20° 50.6′ E111° 30.0′ A GIVIV N20° 57.2′ E111° 03.3′ A Huguang NDB (LH) N21° 08.1′ E110° 20.0′ N21° 08.1′ E110° 20.0′ A Nankang VOR (BHY) N21° 35.2′ E109° 25.9′ A NIKUK N22° 07.0′ E108° 45.1′ N22° 07.0′ E108° 45.1′ N22° 35.1′ E108° 08.9′ A Nanning VOR (WUY) N22° 35.1′ E108° 08.9′ A Nanning VOR (WUY) N22° 35.1′ E108° 08.9′ A Nanning VOR (WUY) N22° 35.1′ E108° 08.9′ A Nanning VOR (BEE)	R 224					
Nath			1 947			Shenyang ACC
R 339 ▲ SIKOU N20° 50.6′ E111° 30.0′ AGIVIV N20° 57.2′ E111° 03.3′ A Huguang NDB (LH) N21° 08.1′ E110° 20.0′ N21° 08.1′ E110° 25.9′ A Nankang VOR (BHY) N21° 35.2′ E109° 25.9′ 312° 132° 132° 132° 132° 132° 132° A NIKUK N21° 51.0′ E108° 45.1′ 312° 132° A Nanning VOR (WUY) N22° 35.1′ E108° 08.9′ 315° 135° A Nanning VOR (WUY) N22° 35.1′ E108° 08.9′ A Nanning VOR (WUY) N22° 35.1′ E108° 08.9′ 135° 135° A Bose VOR (BSE) A Bose VOR (BSE)	▲VASRO(中朝国境点) N42°27.8′ E129°44.4′	52			T	Dyongyong EID
A SIKOU N20° 50.6′ E111° 30.0′ A GIVIV N20° 57.2′ E111° 03.3′ A Huguang NDB (LH) N21° 08.1′ E110° 20.0′ A Nankang VOR (BHY) N21° 35.2′ E109° 25.9′ A ALEKI N21° 51.0′ E109° 05.7′ 312° 132° 132° A NIKUK N22° 07.0′ E108° 45.1′ N22° 07.0′ E108° 45.1′ N22° 35.1′ E108° 08.9′ A Nanning VOR (WUY) N23° 01.8′ E107° 38.5′ A Bose VOR (BSE) A Bose VOR (BSE)						Pyongyang FIK
N20° 50.6′ E111° 30.0′ 287° 107°	R 339					
▲ GIVIV N20° 57.2′ E111° 03.3′ 48 287° 107° 833 ▲ Huguang NDB (LH) N21° 08.1′ E110° 20.0′ 77 300° 120° 866 ▲ Nankang VOR (BHY) N21° 35.2′ E109° 25.9′ 106 312° 132° 1016 ▲ ALEKI N21° 51.0′ E109° 05.7′ 312° 132° 1016 ▲ NIKUK N22° 07.0′ E108° 45.1′ 46 312° 132° 1 229 ▲ Nanning VOR (WUY) N22° 35.1′ E108° 08.9′ 315° 					1	
A Huguang NDB (LH) 77 300° 300° 300° 300° 300° 300° 300° 300° 300° 300° 300° 300° 300° 300° 300° 300° 300° 300° 312° 315° 31		48 287°	833			
▲ Nankang VOR (BHY) N21° 35.2′ E109° 25.9′ ALEKI N21° 51.0′ E109° 05.7′ ANIKUK N22° 07.0′ E108° 45.1′ ANanning VOR (WUY) N22° 35.1′ E108° 08.9′ AUVUNO N23° 01.8′ E107° 38.5′ A Bose VOR (BSE) Note of the state of the sta	▲ Huguang NDB (LH) N21°08.1′ E110° 20.0′	77 300°	966	_		Guangzhou ACC
▲ ALEKI N21° 51.0′ E109° 05.7′ 312° 132° ANIKUK N22° 07.0′ E108° 45.1′ 312° 132° ANanning VOR (WUY) N22° 35.1′ E108° 08.9′ AUVUNO N23° 01.8′ E107° 38.5′ A Bose VOR (BSE) 1 229 1 779 1 779	▲ Nankang VOR (BHY) N21°35.2′ E109°25.9′	106				
▲ NIKUK 46 1 229 Moderate Note (Note 108° 45.1′ 312° 1 229 ▲ Nanning VOR (WUY) 81 Nanning VOR (WUY) Nanning ACC ▲ UVUNO 72 1 779 N23° 01.8′ E107° 38.5′ 315° 1 779 ▲ Bose VOR (BSE) 140 ↑		46	1 016	_	_	
▲ Nanning VOR (WUY) 81 N22° 35.1′ E108° 08.9′ 315° 135° 135° N23° 01.8′ E107° 38.5′ 315° A Bose VOR (BSE) 140	▲ NIKUK	132° 46	1 229			
▲UVUNO N23° 01.8′ E107° 38.5′ A Bose VOR (BSE) 135° 1779 1 779 1 40	▲ Nanning VOR (WUY)	132° 81		_		Normina ACC
N23°01.8 E107°38.5 315° 135° 140 ↑		135°	1 770			Nanning ACC
A Bose VOR (BSE)	N23° 01.8′ E107° 38.5′	315° 135°	1 //9		+	
	▲ Bose VOR (BSE) N23° 53.5′ E106° 38.7′	140			1	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
R 343					
* A Nanxiang NDB (PK) N31° 17.0′ E121° 19.8′	295° 115°	1 232		↓	
▲ SASAN N31° 35.4′ E120° 19.2′	102 278° 098°				
▲ ESBAG N31° 37.2′ E119° 40.4′	61 278° 098°	1 058			Shanghai ACC
▲ LUPVI N31° 38.7′ E119° 08.6′	50 278° 098°		14		Shanghai 1100
▲ Lishui NDB (GS) N31°39.1′E119°02.5′ ▲ MADUK	10 280° 100° 89				
N31° 43.1′ E118° 06.3′	280° 100°	1 080			Shanghai ACC
▲ Luogang VOR (HFE) N31° 46.5′ E117° 18.1′	76 254° 074°				(Above 7 800m) Hefei ACC (7 800m or below)
▲ MIDOX N31° 19.3′ E115° 52.9′	144 254° 074°	2 329			
▲ SAGUD N30° 51.9′ E114° 27.6′	144 254° 074°				Guangzhou ACC
* Tianhe VOR (WHA) N30° 46.9′ E114° 12.2′	26 211° 031°	954	-		(Above 7 800m) Wuhan ACC (7 800m or below)
▲ Longkou VOR (LKO) N29° 54.4′ E113° 41.5′	109 218° 038°	1 509	-		
▲ GOSMA N29° 21.2′ E113° 14.5′	75 218° 038°	1 517	- 20		Guangzhou ACC
▲ Laoliangcang VOR (LLC) N28° 04.1′ E112° 12.5′	175 214° 034°				(Above 7 800m) Changsha ACC (7 800m or below)
▲ ONEMI N25° 45.1′ E110° 36.5′	302 214° 034°	2 741			(, 333 01 001011)
▲ Darongjiang NDB (VQ) N25° 33.7′ E110° 28.6′	25 216° 036°				Guangzhou ACC (Above 7 800m)
▲ MAMSI N25° 12.3′ E110° 12.7′	48 216° 036°	2 198		↑	Guilin ACC (7 800m or below)
▲ ENKUS N24° 40.7′ E109° 49.2′ * 寿知 NDD るチ河 VOD の	71				

^{*} 南翔 NDB 至天河 VOR 段实施 RNAV2 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需严格按规定填写飞行计划报编组 10 和编组 18 内容,空管部门会在起飞前的协同决策阶段给予优先放行;对不符合 PBN 适航和运行合格审定要求的航空器,空管部门将配备适当间隔以确保区域飞行的安全和秩序。

^{*} RNAV2 is implemented on segments between Nanxiang NDB (PK) and Tianhe VOR (WHA). When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required, and will be given a higher priority to fly; For aircraft do not meet, appropriate separation will be provided to ensure safety and efficiency of these area.

	国际	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
R 343 (con't) ▲ENKUS	21.50				
N24° 40.7′ E109° 49.2′ ▲ Laibin VOR (LBN)	216° 036° 122	1 495		↓	
N23° 45.8′ E109° 08.8′	219° 039°		20		Nanning ACC
▲ SARUG N23° 14.8′ E108° 42.4′	73 219° 039°	1 650		•	
▲ Nanning VOR (WUY) N22° 35.1′ E108° 08.9′	93			<u> </u>	
R 471 ▲ ADBAG N24° 13.3′ E105° 13.0′	176°	2.555		↓	Kunming ACC
▲KATBO(中越国境点) N23° 21.6′ E105° 17.5′	356° 96	2 555		1	Kumming / KCC
R 473 • Liling VOR (LIG)					Guangzhou ACC
N27° 38.9′ E113° 31.0′	<u>168°</u>	2 720		1	(Above 7 800m) Changsha ACC
▲ BEMAG N26° 01.1′ E114° 00.1′	187 168°	2 661		_	(7 800m or below)
▲ Nanxiong VOR (NNX) N25° 05.7′ E114° 16.4′	106 194°	2 028			
▲ Wongyuan VOR (WYN) N24° 21.0′ E114° 06.7′	85 215°	2 020			
▲ NOLON N24° 06.5′ E113° 56.8′	32 215°	1 845	8		
▲ Conghua VOR (CON) N23° 35.3′ E113° 35.2′	68 215°	1 810			Guangzhou ACC
▲ Pingzhou VOR (POU) N23° 01.3′ E113° 11.4′	75 165° 345°	944		1	
▲ VIBOS N22° 37.5′ E113° 19.7′	46 165°	7.11	_		
▲ Lianshengwei VOR (ZUH) N22° 13.3′ E113° 28.0′	345° 47 163°	1 181		↑	
▲ SIERA N21° 59.1′ E113° 33.2′	28				

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标	航迹(磁)、	最低飞行高	航路宽度	巡航高度层	
Route designator	距离(千米)	度(米)	(千米)	方向	备注、管制单位
Name of significant points	Track(MAG)	MNM flight	Lateral limits	Direction of	Remarks, Controlling uni
Coordinates	DIST(km)	altitude(m)	(km)	cruising levels	
1	2	3	4	5	6
R 474					
▲ Gaoyao VOR (GYA)					
N23° 04.2′ E112° 29.2′	265°				Guangzhou ACC
	085°	1 811		↓	
▲ OSIKA	199				
N22° 51.3′ E110° 33.2′	265°				
	085°				
▲ VAPNA	148	1 875			
N22° 41.7′ E109° 07.3′	265°	1 675			
	085°				
▲ Nanning VOR (WUY)	100				
N22° 35.1′ E108° 08.9′	261°				
	081°				Nanning ACC
▲ XEREN	94				
N22° 25.6′ E107° 15.3′	261°				
	081°	1 645	20		
▲ Longzhou VOR (LON)	40	-			
N22° 21.4′ E106° 52.1′	226°				
	046°			1	
▲*TEBAK(中越国境点)	28				
N22° 10.5′ E106° 40.5′					Hanoi FIR
*FEET/METERS To	ransitional area: I	From TEBAK to	o the point of 8	30km in the terri	tory of China.
R 596					
▲ Yunhe NDB (BZ)					
N28° 06 1' E110° 23 7'	11 <i>4</i> °				

R 596				
▲ Yunhe NDB (BZ)				
N28° 06.1′ E119° 33.7′	114°		1.	
	294°	2 193	•	
▲ *Dongshan VOR (DST)	112			
N27° 45.0′ E120° 37.8′	105°			Shanghai ACC
	285°	1 348		
▲ OKATO	95			
N27° 35.1′ E121° 34.6′	105°			
	285°	600	•	
▲*SULEM	85		I	
N27° 26′ 20" E122° 25′ 19"				Taibei FIR

在东山 VOR 与 SULEM 之间飞行员应全程开启应答机和 TCAS 系统;

Pilot shall operate transponder and TCAS between DST and SULEM at all time;

OKATO 与 SULEM 以西 5 海里之间为上海飞行情报区公制 RVSM 高度层配备和台北飞行情报区英制 RVSM 高度层配备转换区域;

Segment between OKATO and 5NM west of SULEM is transition area between Metric RVSM FLAS in Shanghai FIR and Feet RVSM FLAS in Taibei FIR;

云和 NDB 至 SULEM 使用西向飞行高度层; SULEM 至云和 NDB 使用东向飞行高度层;

 $BZ\ to\ SULEM\ allocated\ westbound\ flight\ level;\ SULEM\ to\ BZ\ allocated\ eastbound\ flight\ level;$

向东飞行的航空器过 SULEM 使用 FL240/280/340 高度层; 向西飞行的航空器过 SULEM 使用 FL250/290/370 高度层。

A/C to eastbound shall use FL240/280/340 over SULEM; A/C to westbound shall use FL250/290/370 over SULEM.

*航线高度6000米至12500米。

*En-route altitude 6 000m—12 500m.

	国际	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
V 1 ▲ PIDOX N41° 14.1′ E116° 37.5′	140° 320°			↓	
▲ NIKIT N40° 39.2′ E117° 27.0′ ▲ Luanxian VOR (LUX)	95 140° 320° 148	2 716			
N39° 44.5′ E118° 43.6′ ▲ UPSAT	171° 351° 68	952			Beijing ACC Available during time of 1600-2200
N39° 09.0′ E118° 56.5′ ▲ PAMDA N38° 48.2′ E119° 03.7′	171° 351° 40	603		1	
V 2 (By ATC)					
▲ Hengsha VOR (HSH) N31° 22.1′ E121° 50.8′ ▲ UDOXI	360° 180° 57	1 232		1	
N31° 52.6′ E121° 47.1′ ▲ ODULO N33° 15.2′ E121° 37.2′	360° 180° 154	600		1	Shanghai ACC
V 3 (By ATC) ▲ Nanxiang NDB (PK)					
N31° 17.0′ E121° 19.8′ ▲ BUNVA	013° 193° 77	1 232	-	1	Shanghai ACC
N31° 58.4′ E121° 25.9′ ▲ ODULO	013° 193° 143	600		1	5
N33° 15.2′ E121° 37.2′					

	国际:	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
V 5 (By ATC) ▲BEMAG					
N26° 01.1′ E114° 00.1′	191°	2 661		1	
▲ ATAGA N24° 09.7′ E113° 41.0′	209 191°	1 818	_		Guangzhou ACC
▲ Conghua VOR (CON) N23° 35.3′ E113° 35.2′	64				
V 8 (By ATC)					
▲ Hengsha VOR (HSH) N31° 22.1′ E121° 50.8′	320°	1 222		↓	Shanghai ACC
▲ Nantong VOR(NTG) N32° 05.8′ E120° 58.7′	140° 115	1 232		1	
V 9 (By ATC)					
▲ AMVIK N40° 04.0′ E116° 59.5′	125°			1	Deiling ACC
▲ TONIL N39° 54.0′ E117° 23.3′	39 136°	1 464			Beijing ACC
▲ PAMDA N38° 48.2′ E119° 03.7′	188				
V 10 (By ATC)					
▲ TONIL N39° 54.0′ E117° 23.3′	187°	1 464		↓	
▲ Tianjin NDB (CG) N39° 04.8′ E117° 22.5′	91 195°	1 197			Beijing ACC
▲ PANKI N37° 17.8′ E117° 00.0′	201				

	国际	航 路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
*V 11 (By ATC) △ Urumqi VOR (URC)					
N43° 54.6′ E087° 28.5′ ▲ VARMI	017° 50	1 997		1	
N44° 20.1′ E087° 41.1′ • OMDAX	039° 36	1 136			Urumqi ACC
N44° 34.5′ E087° 59.5′	<u>094°</u>	1 190			
▲ PUBAM N44° 28.7′ E089° 04.1′	86 139°	1 691	_		
▲ Qitai VOR (QTV) N43° 59.3′ E089° 36.7′	70	1 371			

^{*} V11 实施 RNAV2 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。

^{*} RNAV2 is implemented on V11. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

V 12 (By ATC) ▲ Nanyingbindao VOR (NYB) N20° 00.9′ E110° 08.2′	018° 198°	870	1	Sanya ACC (Above 7 200m) Haikou APP
▲ AGPOR	33		↑	(7 200m or below)
N20° 18.2′ E110° 13.8′				
参阅海口/美兰机场标准仪表进场	/标准仪表离场科	呈序。		
Refer STAR/SID of HAIKOU/Meil	an airport.			
V 13 (By ATC)				
, , ,				Sanya ACC
▲ Dongmulantou VOR (MLT)				(Above 7 200m)
N20° 09.1′ E110° 40.4′	291°		↓ ↓	Haikou APP
	111°	822		(7 200m or below)
▲ AGPOR	49		<u> </u>	(
N20° 18.2′ E110° 13.8′				
参阅海口/美兰机场标准仪表进场	/标准仪表离场形	呈序。		

Refer STAR/SID of HAIKOU/Meilan airport.

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	altitude(m)	航路宽度 (千米) Lateral limits (km)	cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
V 14 (By ATC) ▲PIMOL					
N32° 14.8′ E119° 45.7′ ▲ AGPUX	258° 078° 27			↓	Shanghai ACC
N32° 10.4′ E119° 29.4′	258° 078° 69	1 049		↑	
▲ Dajiaochang NDB (A) N31° 59.1′ E118° 47.6′	09			<u>'</u>	
V 15 (By ATC)					
▲LADIX N39° 07.8′ E116° 59.5′	186°			↓	Beijing ACC
▲ PANKI N37° 17.8′ E117° 00.0′	204	1 197		·	
V 17 (By ATC)					
▲ Guanlan VOR (GLN) N22° 42.5′ E114° 02.0′	043° 223°			1	
▲SULAS N22° 55.0′ E114° 13.3′	30 043° 223°	1 918			Guangzhou ACC
▲IGAGA N23° 09.9′ E114° 27.2′	36 043°	1 710			
▲UBDOB N23° 21.7′ E114° 37.5′	223° 28			1	

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
V 18 (By ATC) ▲UBDOB N23° 21.7′ E114° 37.5′ ▲XEBUL N24° 17.0′ E114° 51.0′	015° 195° 105	1 920		1	Guangzhou ACC
V 19 (By ATC)					
▲ Huguang NDB (LH) N21° 08.1′ E110° 20.0′ ▲ UDUTI N21° 51.0′ E111° 56.0′ ▲ Nanlang VOR (NLG) N22° 31.9′ E113° 33.7′	066° 246° 183 068° 248° 184	1 937 1 614		1	Guangzhou ACC
N22 31.9 E113 33.7					
V 20 (By ATC) ▲BIGRO N21° 34.2′ E111° 49.6′ ▲UDUTI N21° 51.0′ E111° 56.0′	021° 201° 33	1 468		1	Guangzhou ACC
V 21 (By ATC)					
▲ AVPAM N23° 12.5′ E111° 49.6′ ▲ UDUTI	178° 358° 151 091°	1 739		1	Cuananh ar ACC
N21° 51.0′ E111° 56.0′ ▲MEPOG N21° 51.5′ E112° 32.8′	271° 63 087°	1 363		↑	Guangzhou ACC
▲ Gaolan NDB (UJ) N21° 55.2′ E113° 17.6′	267° 77	1 382		I	
V 25 (By ATC)					
▲ AVPAM N23° 12.5′ E111° 49.6′ ▲ Gaolan NDB (UJ)	136° 316° 208	1 685		↓	Guangzhou ACC
N21° 55.2′ E113° 17.6′		•	•		

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
V 27 (By ATC) ▲ Hengsha VOR (HSH)					
N31° 22.1′ E121° 50.8′	283° 103° 70	1 232		↓	Shanghai ACC
▲ POMOK N31° 27.0′ E121° 07.0′	70			l	
V 30 (By ATC) ▲ Tianjin NDB (CG) N39° 04.8′ E117° 22.5′ △ KAMOM N37° 23.5′ E117° 15.3′ ▲ Jinan VOR (YQG) N36° 50.0′ E117° 12.9′	189° 009° 188 189° 009° 62	1 197 1 020		1	Beijing ACC
V 31 (By ATC) ▲LADIX N39° 07.8′ E116° 59.5′ △GOTVA N37° 21.4′ E117° 09.9′ ▲ Jinan VOR (YQG) N36° 50.0′ E117° 12.9′	181° 001° 198 181° 001° 58	1 197 1 020	-	1	Beijing ACC

Coordinates		国际	航路 Interna	tional air route	es	
N 32 (By ATC) A Xinzheng VOR (CGO) N34° 31.1′ E113° 50.6′ AKOMA N34° 41.5′ E114° 45.2′ 参阅郑州/新郑机场标准仪表离场程序. Refer SID or ZHENGZHOU/Xinzheng airport. V 33 (By ATC) A LEKUB N35° 31.4′ E114° 15.0′ A DUBAG N34° 51.8′ E113° 43.8′ 参阅郑州/新郑机场标准仪表进场程序. Refer STAR of ZHENGZHOU/Xinzheng airport. V 34 (By ATC) A UBAG N34° 51.8′ E113° 43.8′ 参阅郑州/新郑机场标准仪表进场程序. Refer STAR of ZHENGZHOU/Xinzheng airport. V 34 (By ATC) A U'an VOR (ZNX) N34° 06.7′ E108° 30.2′ N35° 31.91′ E108° 18.7′ 参阅西安/威阳机场标准仪表进场/标准仪表离场程序. Refer STAR of ZHENGZHOU/Xinzheng airport. V 35 (By ATC) A NingshanVOR (NSH) N33° 19.1′ E108° 18.7′ 参阅西安/威阳机场标准仪表进场/标准仪表离场程序. Refer STAR/SID of Xl'AN/Xianyang airport. V 35 (By ATC) A Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ D17° 017° 017° 017° 1 885 Guangzhou ACC Gaungzhou ACC	Route designator Name of significant points	距离(千米) Track(MAG)	度(米) MNM flight	(千米) Lateral limits	方向 Direction of	备注、管制单位 Remarks, Controlling unit
▲ Xinzheng VOK (CGO) N34° 31.1′ E113° 50.6′ N34° 31.1′ E113° 50.6′ N34° 31.1′ E113° 50.6′ N34° 31.1′ E114° 45.2′ 参阅郭州/新郑札场标准仪表离场程序, Refer SID of ZHENGZHOU/Xinzheng airport. V 33 (By ATC) ▲ Weixian VOR (WXI) N36° 21.8′ E114° 55.0′ A LEKUB 111 N35° 31.4′ E114° 15.0′ 217° N34° 51.8′ E113° 43.8′ 参阅郭州/新郑札场标准仪表进场程序, Refer STAR of ZHENGZHOU/Xinzheng airport. V 34 (By ATC) ▲ Zu'an VOR (ZNX) N34° 06.7′ E108° 30.2′ N35° 31.91′ E108° 18.7′ 参阅西安/成 阳札场标准仪表进场/标准仪表高场程序, Refer STAR SID of XI'AN/Xianyang airport. V 35 (By ATC) ▲ Niuling VOR (CS) N23° 5.9′ E116° 24.7′ 017° 017° 017° 1 885 ↓ Guangzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC (Above 9 800m) Zhengzhou ACC	1	2	3	4	5	6
AAKOMA	V 32 (By ATC) ▲ Xinzheng VOR (CGO) N34° 31 1′ E113° 50 6′	081°				(Above 9 800m)
参阅郑州/新郑机场标准仪表高场程序。 Refer SID of ZHENGZHOU/Xinzheng airport. V 33 (By ATC) ▲ Weixian VOR (WXI) N36° 21.8′ E114° 55.0′ ▲ LEKUB N35° 31.4′ E114° 15.0′ ▲ DUBAG N34° 51.8′ E113° 43.8′ 参阅郑州/新郑机场标准仪表进场程序。 Refer STAR of ZHENGZHOU/Xinzheng airport. V 34 (By ATC) ▲ Zu'an VOR (ZNX) N34° 06.7′ E108° 30.2′ ▲ NingshanVOR (NSH) N33° 19.1′ E108° 18.7′ 参阅西安/威阳机场标准仪表进场/标准仪表离场程序。 Refer STAR/SID of XI'AN/Xianyang airport. V 35 (By ATC) ▲ Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ ▲ DOTMI N22° 43.1′ E116° 10.1′ Beijing ACC (Above 9 800m)	▲ AKOMA		713		+	
▲ Weixian VOR (WXI) N36° 21.8′ E114° 55.0′ ▲ LEKUB N35° 31.4′ E114° 15.0′ ▲ DUBAG N34° 51.8′ E113° 43.8′ * 同類別別新和场标准仪表进场程序。 Refer STAR of ZHENGZHOU/Xinzheng airport. V 34 (By ATC) ▲ Zu'an VOR (ZNX) N34° 06.7′ E108° 30.2′ ▲ NingshanVOR (NSH) N33° 19.1′ E108° 18.7′ * 同過安/成阳机场标准仪表进场/标准仪表高场程序。 Refer STAR/SID of XI'AN/Xianyang airport. V 35 (By ATC) ▲ Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ ▲ DOTMI N22° 43.1′ E116° 10.1′	参阅郑州/新郑机场标准仪表离场>					
▲LEKUB N35° 31.4′ E114° 15.0′ ▲DUBAG N34° 51.8′ E113° 43.8′ 参阅郑州/新郑机场标准仪表进场程序。 Refer STAR of ZHENGZHOU/Xinzheng airport. V 34 (By ATC) ▲Zu'an VOR (ZNX) N34° 06.7′ E108° 30.2′ ▲NingshanVOR (NSH) N33° 19.1′ E108° 18.7′ 参阅西安/成阳机场标准仪表进场/标准仪表离场程序。 Refer STAR/SID of XI'AN/Xianyang airport. V 35 (By ATC) ▲Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ ▲DOTMI N22° 43.1′ E116° 10.1′ (Above 9 800m) Zhengzhou ACC (9 800m or below) Xi'an ACC (9 800m or below) Xi'an ACC (9 800m or below) A 111 Sa21 A 121 A	V 33 (By ATC) ▲ Weixian VOR (WXI)					Rejjing ACC
N34° 51.8′ E113° 43.8′ 参阅郑州/新郑机场标准仪表进场程序。 Refer STAR of ZHENGZHOU/Xinzheng airport. V 34 (By ATC) A Zu'an VOR (ZNX) N34° 06.7′ E108° 30.2′ N34° 06.7′ E108° 30.2′ NingshanVOR (NSH) N33° 19.1′ E108° 18.7′ 参阅西安/成阳机场标准仪表进场/标准仪表离场程序。 Refer STAR/SID of XI'AN/Xianyang airport. V 35 (By ATC) Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ DOTMI N22° 43.1′ E116° 10.1′ N22° 43.1′ E116° 10.1′	▲LEKUB	111	832		↓	(Above 9 800m) Zhengzhou ACC
Refer STAR of ZHENGZHOU/Xinzheng airport. V 34 (By ATC) A Zu'an VOR (ZNX) N34° 06.7′ E108° 30.2′ NingshanVOR (NSH) N33° 19.1′ E108° 18.7′ Refer STAR/SID of XI'AN/Xianyang airport. V 35 (By ATC) A Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ DOTMI N22° 43.1′ E116° 10.1′ Xi'an ACC 195° 015° 3 615 90 ↑ Xi'an ACC A 195° 015° 1 815 ↑ Guangzhou ACC						
V 34 (By ATC)						
N34° 06.7′ E108° 30.2′						
N33° 19.1′ E108° 18.7′ 参阅西安/咸阳机场标准仪表进场/标准仪表离场程序。 Refer STAR/SID of XI'AN/Xianyang airport. V 35 (By ATC) ▲ Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ ▲ DOTMI N22° 43.1′ E116° 10.1′ Guangzhou ACC		015°	3 615			Xi'an ACC
Refer STAR/SID of XI'AN/Xianyang airport. V 35 (By ATC) ▲ Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ ■ DOTMI N22° 43.1′ E116° 10.1′ Guangzhou ACC		90			I	
▲ Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ DOTMI N22° 43.1′ E116° 10.1′ A DOTMI N22° 43.1′ E116° 10.1′ Manuel Properties A State of the Company of th	Refer STAR/SID of XI'AN/Xianyar		序。			
N23° 35.9′ E116° 24.7′						
N22° 43.1′ E116° 10.1′	N23° 35.9′ E116° 24.7′	017°	1 885			Guangzhou ACC
	N22° 43.1′ E116° 10.1′		皇序	1	'	

航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates 1 2 3 4 5 6 V 36(By ATC) ▲ Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ A CALDIVIT	
Name of significant points Coordinates Track(MAG) DIST(km) NMM flight altitude(m) Lateral limits (km) Direction of cruising levels 1 2 3 4 5 6 V 36(By ATC) A Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ MNM flight altitude(m) Lateral limits (km) Direction of cruising levels 4 Guanszhou ACC	
V 36(By ATC) ▲ Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ Guangzhou ACC	
▲ Niuling VOR (JCS) N23° 35.9′ E116° 24.7′ 066°	
N23° 35.9′ E116° 24.7′	
246° Guangzhou ACC	
Guangzhou Acc	C
ASAPU1 72 2097	
N23° 53.5′ E117° 02.7′ 066° 246°	
▲ TEBON 56	
N24° 07.0′ E117° 32.0′	
参阅揭阳/潮汕机场标准仪表进场/标准仪表离场程序。	
Refer STAR/SID of JIEYANG/Chaoshan airport. V 37 (By ATC)	
▲ Niuling VOR (JCS)	
N23° 35.9′ E116° 24.7′ <u>119°</u>	7
299° 1 885	
▲ Shantou VOR (SWA) 40 ↑ N23° 26.4′ E116° 46.0′	
N25 20.4 E110 40.0	
Refer STAR/SID of JIEYANG/Chaoshan airport.	
V 38 (By ATC)	
V 30 (By MC)	
▲ Nanchong VOR (GAO)	
N30° 48.6′ E106° 11.3′ Chengdu ACC	
1N30 48.0 E100 11.5 283°	
▲ OKTUV 316	
N30° 19.1′ E109° 26.3′ Juangzhou ACC	
283° 2 723 (Above 7 800m ↑ Wuhan ACC)
▲ Enshi VOR (ENH) 16 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	w)
	V)
V 39 (By ATC)	
A PEDNU Shanghai ACC	
N220 11 27 F11 60 42 77 (Above / 800m))
N32° 11.3 E116° 43.7 Hefei ACC (7 800m or below	w)
▲ SEGPI 63 ↑	• /
N32° 32.0′ E117° 16.0′	

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
V 40 (By ATC) ▲ RUNEG					
N20° 30.0′ E108° 11.1′	181° 001°			↓	
▲ ENSIX	84				
N19° 44.9′ E108° 10.9′	181° 001°				
▲ XELOV	54				
N19° 15.7′ E108° 10.8′	181° 001°				Samuel ACC
▲ ADKUN	69				Sanya ACC (Above 7 200m)
N18° 38.5′ E108° 10.6′	181° 001°	600			Sanya/Haikou APP (7 200m or below)
▲ URDIN	64				(, , , , , , , , , , , , , , , , , , ,
N18° 03.7′ E108° 11.0′	133° 313°				
▲ IDLUS	67				
N17° 39.7′ E108° 39.1′	990° 270°				
▲ KAGUK	54				
N17° 40.2′ E109° 09.9′	<u>090°</u> 270°				
▲ ATALA	13			1	
N17° 40.3′ E109° 17.3′					
V 41 (By ATC)					
▲ RUNEG					
N20° 30.0′ E108° 11.1′	137° 317°	894		†	Sanya ACC (Above 7 200m)
▲ DABUB	151				Sanya/Haikou APP
N19° 31.2′ E109° 11.6′	170° 350°	2 711			(7 200m or below)
▲ Baolong NDB (WL) N18° 29.3′ E109° 24.2′	117			1	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
V 42 (By ATC)					
▲ GUMED N38° 01.0′ E120° 34.3′	<u>246°</u>	600		1	Qingdao ACC
▲ REPOL N37° 35.5′ E119° 40.7′	92				
V 43 (By ATC) ▲ Dalian VOR (DBL)					
N38° 57.7′ E121° 34.2′	283°	1 004		1	
▲ VABRA N38° 58.7′ E121° 21.7′	18 193°				Dalian ACC
▲ REDEM N38° 48.4′ E121° 20.4′	19 134°	1 065			
▲ POVAG N38° 16.7′ E122° 15.1′	98				
参阅大连/周水子机场标准仪表进场 Refer STAR/SID of DALIAN/Zhousl		程序。			
V 44 (By ATC)					
▲ Dalian VOR (DBL) N38° 57.7′ E121° 34.2′	<u>283°</u>	1 004		1	D. I
▲VABRA N38° 58.7′ E121° 21.7′	18 222°		-		Dalian ACC
▲KARPI N38° 15.0′ E120° 43.0′	98	1 065			
参阅大连/周水子机场标准仪表进场 Refer STAR/SID of DALIAN/Zhousl		程序。			
V 45 (By ATC)					
△ ALARA N38° 33.7′ E120° 33.1′	<u>075°</u>			↓	
▲ REDEM N38° 48.4′ E121° 20.4′	74 056°	1 065			Dalian ACC
▲ Dalian VOR(DBL) N38° 57.7′ E121° 34.2′	26				
参阅大连/周水子机场标准仪表进场 Refer STAR/SID of DALIAN/Zhousl		程序。			

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
V 46 (By ATC) ▲UNSEK					
N38° 36.8′ E120° 14.1′	<u>070°</u>	1 065		1	Dalian ACC
▲ RANBO	89				
N38° 58.8′ E121° 08.6′	100°	1 004			
▲ Dalian VOR(DBL)	37				
N38° 57.7′ E121° 34.2′	トロルーグルナギロ	4n ±			
参阅大连/周水子机场标准仪表进 Refer STAR/SID of DALIAN/Zho		1柱序。		T	
V 47 (By ATC)					
▲ Dalian VOR(DBL)					
N38° 57.7′ E121° 34.2′	<u>283°</u>	1 004		1	
▲ VIDUX	60				
N39° 00.9′ E120° 52.6′	<u>259°</u>	815			Dalian ACC
▲SARUD	65				
N38° 49.9′ E120° 09.8′	230°	600			
▲ ANRAT N38° 39.5′ E119° 57.4′	26				
参阅大连/周水子机场标准仪表进 Refer STAR/SID of DALIAN/Zho		程序。			
V 48 (By ATC)	•				
▲ Tianjin NDB (CG)					
N39° 04.8′ E117° 22.5′	<u>064°</u>	1 197		↓	
▲ BIMEG	53				
N39° 20.0′ E117° 54.0′	<u>109°</u>	617			Beijing ACC
▲ UPSAT	92				
N39° 09.0′ E118° 56.5′	<u>171°</u>	603			
▲ PAMDA N38° 48.2′ E119° 03.7′	40				

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
V 49 (By ATC)					
▲ Huaian VOR (HUN) N33° 46.4′ E119° 06.6′ △ NIXEM N32° 56.5′ E119° 09.6′	183° 003° 93	622		1	Shanghai ACC
参阅淮安/涟水机场标准仪表进场/	│ 标准仪表离场程	.序。			
Refer STAR/SID of HUAIAN/Lians		-> 1 0			
V 50 (By ATC)					
▲ LAGEX N26° 25.8′ E109° 01.6′	324° 144°	2 163		↓	
▲ XONID N27° 03.4′ E108° 28.0′ ▲ TAXOR	89 324° 144° 110	2 403			Guiyang ACC
N27° 49.7′ E107° 46.4′ • OTLEK	324° 144° 52	2 135			
N28° 11.3′ E107° 26.4′	324° 144° 82	2 606		1	
N28° 46.0′ E106° 55.0′	02				
V 51 (By ATC)					
▲ Nantong VOR(NTG) N32° 05.8′ E120° 58.7′ ▲ ODULO N33° 15.2′ E121° 37.2′	031° 211° 142	600		↓	Shanghai ACC
V 52 (By ATC)					
▲ Dajiaochang NDB(A) N31° 59.1′ E118° 47.6′ ▲ XUTGU N32° 27.8′ E119° 34.5′	059° 239° 91	1 049		1	Shanghai ACC
V 53 (By ATC) ▲PIKAS					gi i i i i gg
N32° 10.0′ E120° 44.0′ ▲ Yancheng VOR(YCH) N33° 25.3′ E120° 12.3′	346° 166° 148	700		1	Shanghai ACC

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 2 ▲ Sanjiang VOR (SJG)					
N25° 46.6′ E109° 36.6′	134° 314°	2 404	10	1	Guangzhou ACC
▲ Wutong NDB (PA) N25° 24.3′ E110° 03.6′	61 187° 007°	2 450			(Above 7 800m) Guilin ACC (7 800m or below)
▲ Yongfu NDB (JW) N25° 00.5′ E110° 01.0′	45 214° 034°	1 853			
▲ MOTOM N24° 41.4′ E109° 47.6′	42 214° 034°	1 495	_	1	Nanning ACC
▲ Laibin VOR (LBN) N23° 45.8′ E109° 08.8′	122				
W 3					
▲ Qijiang VOR (QJG) N29° 03.1′ E106° 39.9′	180°			1	
▲ ENLIL N28° 19.0′ E106° 41.6′	360° 82 180°	2 419		*	Chengdu ACC
▲ APUKI N28° 09.6′ E106° 42.2′	360° 18 180°	2 419			
▲ NIKUN N27° 59.4′ E106° 43.1′	360° 19 180°				
▲ AGTIS	360° 69	2 413			
N27° 22.1′ E106° 45.0′	180° 360°	2 309			Guiyang ACC
▲ SUMUN N26° 47.2′ E106° 46.8′	65 180°	2 296			
▲ Guiyang VOR (KWE) N26° 31.4′ E106° 47.7′	360° 29	2 270		1	

	国际:	航路 Interna	ntional air route	es																								
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit																							
1	2	3	4	5	6																							
W 4 ▲TAMIX																												
N35° 36.7′ E113° 23.9′ ▲ Weixian VOR (WXI)	063° 243° 160	3 013		↓	Beijing ACC (Above 9 800m) Zhengzhou ACC																							
N36° 21.8′ E114° 55.0′	069° 249°	661	_		(9 800m or below)																							
▲GULEK N36° 33.4′ E115° 24.3′	49 069°		_																									
▲RAXEV N37° 09.8′ E116° 56.1′	249° 151 069° 249°	657																										
▲ NOBUP N37° 21.3′ E117° 25.0′	48 087°				Beijing ACC (Above 7 800m)																							
▲ BASOV N37° 27.4′ E118° 13.0′	267° 72 087° 267°	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789			Jinan ACC (7 800m or below)
▲ Dongying VOR (DYN) N37° 31.7′ E118° 47.2′	51 091° 271°		-																									
▲ REPOL N37° 35.5′ E119° 40.7′	79 091° 271°	1 357																										
▲ Huangcheng VOR(HCH) N37° 39.3′ E120° 32.6′	77 119° 299°																											
▲TEKAM N37° 35.2′ E120° 45.3′	20 119° 299°	1 417			Qingdao ACC																							
▲ Tunli NDB (FZ) N37° 27.1′ E121° 10.7′	40 079° 259°	1 230	_	1																								
▲ KAGIP N37° 40.0′ E122° 00.0′	76																											

	国际:	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 4 (con't)					a
▲ KAGIP N37° 40.0′ E122° 00.0′	103° 283°			↓	Chengdu ACC
▲ VIKOK N37° 38.5′ E122° 19.4′	29 103° 283°	1 018		Ť	
▲ TUSGI N37° 35.6′ E122° 58.0′	57 103° 283°			↑	Dalian ACC
△ DONVO N37° 34.0′ E123° 20.0′	32				Danan ACC
W 5					
▲ Dalian VOR (DBL) N38° 57.7′ E121° 34.2′ ▲ EKULI N38° 32.6′ E121° 13.0′	221° 041° 56	1 065		1	Dalian ACC
MAKNO N38° 27.8′ E121° 08.9′	221° 041° 11 245°		_		
▲ KARPI N38° 15.0′ E120° 43.0′	065° 44 213° 033°	802			
▲ GUMED N38° 01.0′ E120° 34.3′	29 190° 010°	1 357	_		
▲ Huangcheng VOR(HCH) N37° 39.3′ E120° 32.6′	40 193° 013°		_		Qingdao ACC
▲ BIKOB N36° 59.0′ E120° 26.7′	75 193° 013°	1 417			
▲ ATLED N36° 31.9′ E120° 22.7′	51 188° 008° 27			1	
▲ Qingdao VOR(TAO) N36° 17.3′ E120° 22.2′	21				

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	altitude(m)	航路宽度 (千米) Lateral limits (km)	cruising levels	备注、管制单位 Remarks, Controlling unit
1 W	2	3	4	5	6
W 6 A Conghua VOR (CON) N23° 35.3′ E113° 35.2′ A SAREX N22° 52.9′ E113° 29.0′ A *Nanlang VOR (NLG) N22° 31.9′ E113° 33.7′	190° 79 170° 40 166°	1 818 1 130		+	Guangzhou ACC
▲*LATOP N22° 16.9′ E113° 38.6′	346° 29	1 535		1	
*参阅澳门机场标准仪表进场/标准 *Refer STAR/SID of MACAO airpo					
W 7					
▲ Pingzhou VOR (POU) N23°01.3′ E113°11.4′	120°	972		1	Guangzhou ACC
▲ SAREX N22° 52.9′ E113° 29.0′	34 184° 73	1 181			Guanganou i Tee
▲ Lianshengwei VOR (ZUH) N22° 13.3′ E113° 28.0′	13				
W 8					
▲ NIXEP N38° 15.0′ E120° 59.3′	<u>073°</u>	802		1	
△ DOBGA N38° 24.8′ E121° 27.5′	45 023°	600	_		Dalian ACC
▲ LEGIP N38° 33.5′ E121° 30.7′	17 014°	1 004	-		
▲ Dalian VOR (DBL) N38° 57.7′ E121° 34.2′	45				
参阅大连/周水子机场标准仪表进 Refer STAR/SID of DALIAN/Zhou		7程序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 11 ▲ Pudong VOR (PUD)					
N31° 10.3′ E121° 47.0′	069° 249°	1 232		↓	Shanghai ACC
▲ PINOT N31° 27.0′ E122° 27.0′	71			1	
W 13					
▲ PINOT					
N31° 27.0′ E122° 27.0′	188° 008°			↓	
▲ IPRAG N31° 17.8′ E122° 26.5′	17 188° 008°				
▲ LASAN N31° 00.0′ E122° 25.5′	33 188° 008°				
▲ PONAB N30° 35.3′ E122° 24.1′	46 188° 008°	1 145			
▲ RULMU N30° 15.0′ E122° 23.0′	38 188° 008°				Shanghai ACC En-route altitude
▲ Zhoushan VOR (HSN) N29° 55.9′ E122° 21.8′	35 173° 353° 83				8 400m or above
▲ TOGUG N29° 12.0′ E122° 32.0′	212° 032°	827	-		
▲ BEGMO N28° 00.0′ E121° 50.0′	150 213° 033°	600	_		
▲*OKATO N27° 35.1′ E121° 34.6′	53 285°		_		
▲ *Dongshan VOR (DST) N27° 45.0′ E120° 37.8′	105° 95	1 348		1	

^{*}航线高度 6 000 米至 12 500 米。

^{*}En-route altitude 6 000m-12 500m.

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 15					
▲ DADAT					
N30° 27.0′ E121° 14.8′	053°	1 222		1	Shanghai ACC
▲ Shuyuan VOR (XSY)	233° 80	1 232		↑	
N30° 55.9′ E121° 52.4′					
参阅上海/浦东机场标准仪表进场/>Refer STAR/SID of SHANGHAI/Pu		序。			
W 18					
▲ Wongyuan VOR (WYN)		T			
N24° 21.0′ E114° 06.7′	198°			↓	
▲ SANIP	37	1 845			
N24° 01.6′ E114° 00.9′	<u>198°</u>	1 843			
▲ NOMAR	60				
N23° 30.5′ E113° 51.4′	198°	1 881			
▲ UBLIM	72	1 001			Guangzhou ACC
N22° 53.3′ E113° 40.2′	198°				
▲ Nanlang VOR (NLG)	41	1 130			
N22° 31.9′ E113° 33.7′	124°		1		
		1 535			
▲ TAMOT N22° 21.5′ E113° 52.0′	37				
N22 21.3 E113 32.0					

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 19					
▲ Changbei VOR (NCH) N28° 53.1′ E115° 54.7′	218° 038°			↓	
▲ Lijia NDB (RP) N28° 37.1′ E115° 42.5′	36 217°	1 441		·	Shanghai ACC (Above 7 800m)
▲ REMAX N28° 22.6′ E115° 31.2′	037° 33 172°				Nanchang ACC (7 800m or below)
▲ OSONO	352° 69	1 769			
N27° 45.9′ E115° 39.3′ ▲ Panlong VOR (PLT)	203° 023° 231	1 804	20	↑	
N25° 48.5′ E114° 52.5′	<u>195°</u>			1	
▲ MABAG N24° 18.8′ E114° 30.4′	170 219°	2 030			
▲ BILAT N23° 52.1′ E114° 08.8′	62 219°				Guangzhou ACC
▲ NOMAR N23° 30.5′ E113° 51.4′	50 234°	1 810			
▲ Pingzhou VOR (POU) N23° 01.3′ E113° 11.4′	87				
W 20					
▲ MABAG N24° 18.8′ E114° 30.4′	251°	2 030		↓	Changel ACC
▲ NOLON N24° 06.5′ E113° 56.8′	61	2 030			Guangzhou ACC

	国际	航路 Interna	tional air route	s	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 21					
▲ Guanlan VOR (GLN) N22° 42.5′ E114° 02.0′	310° 130°	1 543		1	
▲ MIPAG N22° 55.3′ E113° 44.5′	38 310° 130°	1 134			Guangzhou ACC
▲ Cencun VOR (CEN) N23° 09.1′ E113° 25.0′	42 021° 201°	1 393			
▲ NUSLA N23° 24.7′ E113° 30.9′	30	1 0,0		1	
W 22					
▲ *Guanlan VOR (GLN) N22° 42.5′ E114° 02.0′	340°			↓	
▲ IDUMA N22° 53.8′ E113° 57.1′	160° 22 337°	1 567			
▲*Shilong VOR (SHL) N23°05.5′E113°51.0′	157° 24 318°			↑	Guangzhou ACC
▲ NUSLA N23° 24.7′ E113° 30.9′	49 318°	1 600			C
▲ TEPID N23° 32.1′ E113° 23.1′	19 005°	1 818	_		
▲ Yingde VOR (YIN) N24° 11.4′ E113° 24.9′	73				

^{*}参阅深圳/宝安机场标准仪表进场/标准仪表离场程序。 *Refer STAR/SID of SHENZHEN/Baoan airport.

	国际	航 路 Interna	tional air route	s	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 23 ▲ Nanlang VOR (NLG)					
N22° 31.9′ E113° 33.7′ ▲ Lianshengwei VOR (ZUH)	199° 36	1 535		1	Guangzhou ACC
N22° 13.3′ E113° 28.0′					
W 24					
▲ Ziyang VOR (ZYG) N30° 07.1′ E104° 40.6′	186°	1 600		↓	Chengdu ACC
▲ Yibin VOR (YBN) N28° 47.9′ E104° 33.4′	006° 147 189°	1 000			Chenguu ACC
▲ DONLA N27° 42.0′ E104° 23.9′	009° 123	3 289		-	
N27-42.0 E104-23.9 ▲ RELUT	189° 009° 27				
N27° 27.6′ E104° 21.9′	189° 009°	3 455			Kunming ACC
▲ Weining NDB (HX) N26° 51.6′ E104° 16.9′	67			<u> </u>	

	国际	航 路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 25					
▲ Xuyong VOR (XYO) N28° 10.3′ E105° 25.2′	<u>311°</u>	2 395		↓	
▲ Yibin VOR (YBN) N28° 47.9′ E104° 33.4′	110 351°				Chengdu ACC
▲ Fujiachang VOR (FJC) N29° 55.7′ E104° 18.2′	128	1 600			
W 26					
▲ Jintang VOR (JTG) N30° 52.3′ E104° 23.4′	094°			↓	
▲ OGOMO N30° 51.1′ E105° 00.3′	274° 58 094° 274°	1 646			Chengdu ACC
▲ Nanchong VOR (GAO) N30° 48.6′ E106° 11.3′	113			1	
W 27					
▲ IKITI N45° 54.9′ E121° 14.1′	173° 353°	1 992		↓	Shenyang ACC
▲ Tongliao VOR (TGO) N43° 33.6′ E122° 11.8′	273				

	国际	航 路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling uni
1	2	3	4	5	6
W 29 ▲SUBUL					
N32° 19.7′ E106° 42.6′	212° 032°	2 689		1	
▲ TOREG N31° 21.5′ E106° 03.8′	124 243° 063°				Chengdu ACC
▲ OGOMO N30° 51.1′ E105° 00.3′	115 243° 063°	1 659			
▲ Wufengxi VOR (WFX) N30° 36.4′ E104° 29.5′	56			<u> </u>	
W 30					
▲ Heliushui NDB (DS)					
N30° 12.0′ E106° 50.9′	202° 022°	2 304		ţ	
▲ Jiangbei VOR (CKG) N29° 44.8′ E106° 39.2′	54 181° 001°	1 954	8		
* ▲ Qijiang VOR (QJG) N29° 03.1′ E106° 39.9′	77 226°				Chengdu ACC
▲ SABED	046° 111				
N28° 19.8′ E105° 52.4′	226°	2 443			
▲ UKEGO N28° 00.0′ E105° 30.8′	046° 51 226°		20		
* ▲ IDSID	046° 57				
N27° 37.8′ E105° 06.7′	226° 046°	3 453		1	Kunming ACC
▲ Weining NDB (HX) N26° 51.6′ E104° 16.9′	118				-

^{*} 綦江 VOR 至 IDSID 航段飞行高度 9 200 米(不含)至 12 500 米。 * Segments Between Qijiang VOR and IDSID, en-route altitude 9 200m (exclusive)—12 500m.

	国 际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 32 ▲*INTIK (中蒙国境点) N43° 40.8′ E111° 54.1′	185° 005°			1	
△ ASURI N42° 36.2′ E111° 54.0′ ▲ *Hohhot VOR (HET)	120 185° 005° 208	2 816			Beijing ACC (Above 7 800m) Hohhot ACC (7 800m or below)
N40° 43.5′ E111° 54.0′ A Liangcheng NDB (SZ) N40° 31.1′ E112° 29.7′	119° 299° 55	2 904		1	
*限制飞行高度 8 400 米以」 *Limited to use with en-route altitu		ove.			
W 33 ▲POLHO (中蒙国境点)					
N44° 47.0′ E113° 15.0′	121°	2 078		↓	Beijing ACC
▲ Xilinhot VOR 'HOT' N43° 54.9′ E115° 58.0′	236 175°	2 299			(Above 7 800m) Hohhot ACC (7 800m or below)
▲ AKPAD N42° 11.1′ E116° 28.5′	197 180°	2 647	_		Beijing ACC
▲ PIDOX N41° 14.1′ E116° 37.5′	106				

	国际	航 路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 38 A Hengsha VOR (HSH)	0000		T		
N31° 22.1′ E121° 50.8′ ▲ PINOT N31° 27.0′ E122° 27.0′	086° 266° 58	1 232		†	Shanghai ACC
W 39					
▲ Mudanjiang VOR (MDJ) N44° 30.9′ E129° 33.8′	252° 072°	1 860		↓	Harbin ACC
▲ UGABI N44° 07.6′ E128° 33.0′	91 163° 343°				
▲ SAMAV N43° 47.1′ E128° 47.5′	43 163° 343°	1 918			
▲ KANVU N43° 23.7′ E129° 03.9′	49 161° 341°				Shenyang ACC
▲ Yanji VOR (YNJ) N42° 53.0′ E129° 27.1′	65			<u> </u>	

	国际	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度(米)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 40 ▲LADIX N39° 07.8′ E116° 59.5′	205° 98	1 197		1	Beijing ACC
▲IDKUP N38° 17.5′ E116° 37.5′	169° 115	700	_		
N37° 17.8′ E117° 00.0′ ▲ Jinan VOR (YQG) N36° 50.0′ E117° 12.9′	165° 55	1 427	-		Beijing ACC (Above 7 800m) Jinan ACC (7 800m or below)
W 41					(7 dodni di below)
▲ Dawangzhuang VOR (VYK) N39° 11.7′ E116° 34.3′ ▲ Chedaoyu NDB (CDY) N40° 34.7′ E117° 13.4′	026° 206° 164	1 600		↓	Beijing ACC
W 42					
▲ Yanji VOR (YNJ) N42° 53.0′ E129° 27.1′ ▲ Wangqing VOR (WQG) N43° 17.6′ E129° 47.1′	041° 221° 53	1 658		†	Shenyang ACC
W 44					
▲ MABAG N24° 18.8′ E114° 30.4′	232°	2 030		↓	
▲IGONO N23° 58.0′ E114° 03.9′	59 232°	1 845	_		Guangzhou ACC
▲ Conghua VOR (CON) N23° 35.3′ E113° 35.2′	64				

		航路 Interna			
航路代号、重要点名称、坐标	航迹(磁)、	最低飞行高	航路宽度	巡航高度层	b
Route designator	距离(千米)	度(米)	(千米)	方向	备注、管制单位
Name of significant points Coordinates	Track(MAG)		Lateral limits		Remarks, Controlling uni
	DIST(km)	altitude(m)	(km)	cruising levels	
1 W 46	2	3	4	5	6
W 40					
▲ REMAX		T	Г		
N28° 22.6′ E115° 31.2′	264°				
	084°			↓	Shanghai ACC
▲ ANISA	53				(Above 7 800m)
N28° 18.0′ E114° 59.6′	264°				Nanchang ACC (7 800m or below)
	084°	1 781			(7 800III of below)
▲ OVTAN	64		20		
N28° 12.7′ E114° 20.9′	264°				
	084°				Guangzhou ACC (Above 7 800m)
▲ Datuopu NDB (ZK)	137				
N28° 01.1′ E112° 57.8′	277°				Changsha ACC (7 800m or below)
	097°	1 517		1	(7 800III of below)
▲ Laoliangcang VOR (LLC)	74				
N28° 04.1′ E112° 12.5′					
W 50					
▲ *Tianhe VOR (WHA)					
N30° 46.9′ E114° 12.2′	046°			↓	
	226°	1 182			
▲ Tianhe NDB (HG)	21				
N30° 55.5′ E114° 21.0′	126°				Guangzhou ACC
	306°				(Above 7 800m) Wuhan ACC
▲ SAGUD	12	1 200	8		(7 800m or below)
N30° 51.9′ E114° 27.6′	126°	1 200			(
	306°				
*Xishui VOR (XSH)	91				
N30° 26.1′ E115° 16.0′	057°	2.5			
	237°	2 355			
▲ IKUBA	76		_		
N30° 51.3′ E115° 54.1′	057°	2.254			Shanghai ACC
	237°	2 374		↑	(Above 7 800m) Hefei ACC
▲ Luogang VOR (HFE) N31° 46.5′ E117° 18.1′	168			I	(7 800m or below)

^{*}参阅武汉/天河机场标准仪表进场/标准仪表离场程序。

^{*}Refer STAR/SID of WUHAN/Tianhe airport.

	国际	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 51 ▲ Luogang VOR (HFE)					
N31° 46.5′ E117° 18.1′	130° 310°			1	Shanghai ACC
▲ LEGIV N31° 36.5′ E117° 34.5′	32 080° 260°	1 127			(Above 7 800m) Hefei ACC (7 800m or below)
▲ MADUK N31° 43.1′ E118° 06.3′	52			<u> </u>	
参阅合肥/骆岗机场标准仪表进场 Refer STAR/SID of HEFEI/Luogar					
W 53 ▲ Weihai VOR (WEH)					
N37° 11.0′ E122° 13.6′	017° 197°	1 153		↓	Qingdao ACC
▲ VIKOK N37° 38.5′ E122° 19.4′	52			1	
参阅威海/大水泊机场标准仪表进 Refer STAR/SID of WEIHAI/Dash)程序。 			
W 58 ▲ Shengzhou VOR (SHZ)					
N29° 36.0′ E120° 49.0′	061° 241°	1 612		1	
▲ Lishe NDB (BK) N29° 53.7′ E121° 20.0′	60 033° 213°	1 575	-		Shanghai ACC
▲ ATRIP N30° 36.8′ E121° 47.0′	91 019° 199°	600	_		
▲ Shuyuan VOR (XSY) N30° 55.9′ E121° 52.4′	36			<u> </u>	

	国际:	航路 Interna	ntional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 59 ▲ Hengshui NDB (HG) N37° 43.0′ E115° 42.3′ ▲ AVNIX N38° 43.0′ E116° 04.5′ ▲ Zangangzhen NDB (JB) N39° 02.6′ E116° 11.9′	022° 202° 116 022° 202° 38	655		1	Beijing ACC
W 60 A Zangangzhen NDB (JB) N39° 02.6′ E116° 11.9′ A BIVOR N38° 20.0′ E116° 22.0′	355° 80	650		1	Beijing ACC
W 63 ▲ Tianzhen VOR (TZH) N40° 24.5′ E114° 03.1′ ▲ Qingbaikou NDB (CD) N40° 00.8′ E115° 48.3′	112° 292° 155	3 020		↓	Beijing ACC
W 66 ▲ NUKTI N41° 51.7′ E095° 12.0′ ▲ EJINAQI VOR (JNQ) N41° 59.4′ E101° 03.0′ ▲ GOBIN N41° 30.0′ E102° 48.5′ ▲ ATBUG N41° 01.8′ E104° 28.4′	089° 269° 484 113° 293° 156 113° 293° 149 113° 293°	3 340 2 425	20	↓	Lanzhou ACC
▲ Dengkou VOR (DKO) N40° 18.9′ E106° 59.8′ 飞行高度 6 000 米至 12 500 メ En-route altitudes 6 000m—12 500n	227			<u> </u>	

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	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 67					
▲ SUPAR N30° 01.4′ E120° 51.5′	111° 291°			↓	
▲ VEXEX N29° 58.4′ E121° 02.8′	19 111°				Shanghai ACC
▲ Lishe NDB (BK) N29° 53.7′ E121° 20.0′	291° 29	1 575			Ü
▲ Zhoushan VOR (HSN) N29° 55.9′ E122° 21.8′	093° 273° 99			1	
W 68					
▲ TAMOT N22° 21.5′ E113° 52.0′	<u>011°</u>	1.505		↓	Guangzhou ACC
▲ IDUMA N22° 53.8′ E113° 57.1′	60	1 535			
W 70					Sanya ACC
▲ Nanyingbindao VOR (NYB) N20° 00.9′ E110° 08.2′	322°			↓	(Above 7 200m) Haikou APP
▲ LIDLU N20° 30.0′ E109° 43.0′	142° 70 322°	822			(7 200m or below)
▲ PEGDU	142° 55				
N20° 53.0′ E109° 23.0′	005° 185°	866		↑	Guangzhou ACC
▲ Nankang VOR (BHY) N21° 35.2′ E109° 25.9′	78			1	

	国际	航 路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 73					
▲ PUMEV					
N31° 59.4′ E118° 48.5′	250°			↓	
▲ Dajiaochang NDB (A)	070° 2			•	Shanghai ACC
N31° 59.1′ E118° 47.6′	250° 070°	1 080			
▲ MADUK	71			1	
N31° 43.1′ E118° 06.3′					
W 74					
▲ DABMA	255°			_	
N41° 25.3′ E118° 32.7′	255° 075°	2 490		↓ ↓	Beijing ACC
▲ SABEM N41° 00.0′ E117° 10.0′	124	2 470		1	
W 75					
▲ SOSDI					
N40° 06.8′ E115° 29.5′	275° 095°			1	
▲ BEGRI	84	3 482			P + GG
N40° 06.5′ E114° 30.0′	275° 095°	3 402			Beijing ACC
▲ ANOLO	42				
N40° 06.5′ E114° 00.0′	303° 123°				
▲ MEGUS	34	3 020			
N40° 15.1′ E113° 38.7′	303° 123°			1	Beijing ACC (Above 7 800m)
▲ SELGO N40° 28.7′ E113° 05.2′	54			1	Hohhot ACC (7 800m or below)
W 76					
▲ BEGRI					
N40° 06.5′ E114° 30.0′	202°			1	Beijing ACC
	022°	3 658			
▲ NONIT N38° 40.5′ E113° 55.6′	167			1	

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 77 ▲LADIX N39° 07.8′ E116° 59.5′	343°	1 197		1	
▲ Shigezhuang NDB (VM) N39° 17.8′ E116° 54.1′	163° 20 254°	728			Beijing ACC
▲ Dawangzhuang VOR (VYK) N39° 11.7′ E116° 34.3′	074° 31	728		1	
W 78 ▲ Chedaoyu NDB (CDY) N40° 34.7′ E117° 13.4′ ▲ ASAVA N40° 20.2′ E116° 19.6′ ▲ SOSDI N40° 06.8′ E115° 29.5′ W 79	257° 077° 80 257° 077° 75	3 020		1	Beijing ACC
▲ Shigezhuang NDB (VM) N39° 17.8′ E116° 54.1′ ▲ IDKUP N38° 17.5′ E116° 37.5′	198° 114	1 197		1	Beijing ACC
W 80 ▲ Huailai NDB (KM) N40° 23.3′ E115° 29.8′ ▲ Huairou VOR (HUR) N40° 19.8′ E116° 44.9′ ▲ Dawangzhuang VOR (VYK) N39° 11.7′ E116° 34.3′	100° 280° 106 193° 013° 127	2 577 1 600		1	Beijing ACC

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 81 ▲ Hengshui NDB (HG) N37° 43.0′ E115° 42.3′	027°	650		↓	Beijing ACC
▲ BOBAK N39° 07.6′ E116° 24.3′	168				
W 82 ▲BIVOR					
N38° 20.0′ E116° 22.0′ ▲ NIRON N38° 51.2′ E116° 37.7′	62 027° 62 027°	1 020		↓	Beijing ACC
▲ DOGAR N39° 09.8′ E116° 47.1′	37				
W 83 ▲ Chedaoyu NDB (CDY) N40° 34.7′ E117° 13.4′	073°				
▲ NIKIT N40° 39.2′ E117° 27.0′ ▲ ANDIN	073° 253° 21 073° 253° 116	2 716		↓	Beijing ACC
N41° 04.7′ E118° 42.9′					

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	最低飞行高 度 MNM flight altitude(m)	航路宽度 (千米) Lateral limits (km)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 86 ▲ Tumurtai VOR (TMR)					Beijing ACC (Above 7 800m)
N41° 50.6′ E113° 09.2′ ▲ POKOR	091° 271° 249	2 399		↓	Hohhot ACC (7 800m or below)
N42° 02.6′ E116° 08.9′ ▲ KAKAT N42° 11.0′ E118° 15.3′	091° 271° 174	2 429		↑	Beijing ACC
W 88 ▲ Hekou VOR (HOK) N31° 19.5′ E114° 25.8′	203°	1 473		↓	Guangzhou ACC (Above 7 800m) Wuhan ACC
▲ Tianhe VOR (WHA) N30° 46.9′ E114° 12.2′	023° 64	1 173		↑	(7 800m or below)
W 89					
▲ Dongyangjiao NDB (PU) N41° 30.4′ E123° 17.5′ ▲ Wangbingou NDB (KY)	068° 248° 44	1 048		↓	Shenyang ACC
N41° 42.3′ E123° 44.8′	77	I .			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	altitude(m)	航路宽度 (千米) Lateral limits (km)	cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 90 ▲NOLON N24° 06.5′ E113° 56.8′	224° 044°	1 845		ţ	Guangzhou ACC
▲ TEPID N23° 32.1′ E113° 23.1′ ▲ Pingzhou VOR (POU) N23° 01.3′ E113° 11.4′	86 201° 021° 60	1 181		↑	
W 91 ▲ BONSA N28° 14.4′ E106° 56.8′ ▲ APUKI N28° 09.6′ E106° 42.2′ ▲ MAVRA N27° 58.2′ E106° 07.9′	251° 071° 26 251° 071° 60 251°	2 419 2 624		↓	Chengdu ACC
▲ IDSID N27° 37.8′ E105° 06.7′	071° 107			↑	
W 92 ▲ Taiyuan VOR (TYN) N37° 44.9′ E112° 37.2′	250°		T		Beijing ACC (Above 7 800m)
▲MAPMU N37° 02.7′ E110° 38.3′	070° 192 250°	2 802	_	↓	Taiyuan ACC (7 800m or below)
▲ Yan'an VOR (YAV) N36° 41.1′ E109° 38.1′	070° 98	2 021		1	Xi'an ACC
W 93 ▲ Qingyang VOR (QIY)					VIII
N35° 47.8′ E107° 35.9′ ▲ESGIG N35° 37.9′ E106° 26.2′	263° 083° 107 263°	3 542		1	Xi'an ACC
▲ Jingning VOR (JIG) N35° 31.9′ E105° 43.4′	083° 66			1	Lanzhou ACC

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 94 ▲ Changwu NDB (HO) N35° 12.6′ E107° 46.1′ ▲ ADNEN N35° 30.4′ E107° 41.2′ ▲ Qingyang VOR (QIY) N35° 47.8′ E107° 35.9′	350° 170° 34 350° 170° 33	2 133		1	Xi'an ACC
W 95 ▲ Bantaji NDB (OF) N32° 40.4′ E118° 34.7′	169° 349°			↓	
▲*PUMEV N31° 59.4′ E118° 48.5′	79 169° 349° 17	1 069			Shanghai ACC
▲ Moling VOR(MLJ) N31° 50.7′ E118° 51.3′ ▲ *Lukou VOR (NJL)	17 169° 349° 10			↑	
N31° 45.3′ E118° 53.2′					
*参阅南京/禄口机场标准仪表进 *Pofor STAP/SID of NANHING/I		锃序。			
*Refer STAR/SID of NANJING/L * W 99 A Fukang VOR (FKG)					
N44° 10.4′ E087° 59.0′ ΔAGOXA	996° 276° 70			1	
N44° 04.5′ E088° 50.7′	097° 277°	4 300			Urumqi ACC
▲ Qitai VOR (QTV) N43° 59.3′ E089° 36.7′ ▲ LATOG	62 110° 290° 96	3 995	_		•
N43° 40.2′ E090° 43.4′ ▲ Hami VOR (HMI) N42° 50.1′ E093° 38.2′	110° 290° 254	3 793		1	

^{*} W99 实施 RNAV2 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行

合格审定的航空器,仍旧按照现行执行。

* RNAV2 is implemented on W99. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual.

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 105 ▲*Changbei VOR (NCH)					
N28° 53.1′ E115° 54.7′	346° 166°			1	
▲ EMRAL N29° 06.0′ E115° 50.0′	25 346° 166°	1525			Shanghai ACC (Above 7 800m)
▲ *PEXEK N29° 20.0′ E115° 45.1′	27 343°				Nanchang ACC (7 800m or below)
▲ LAPEN N29° 35.8′ E115° 38.2′	163° 31 343° 163°	2 074			
▲ TULMU N29° 47.5′ E115° 33.1′	23 343° 163°	1 521	_		Guangzhou ACC (Above 7 800m)
▲ Xishui VOR (XSH) N30° 26.1′ E115° 16.0′	77			<u> </u>	Wuhan ACC (7 800m or below)
*参阅南昌/昌北机场标准仪表进场。 *Refer STAR/SID of NANCHANG/					
W 106 ▲ MAKNO					
N38° 27.8′ E121° 08.9′	081° 261°	755		↓	Dalian ACC
▲ UDETI N38° 41.5′ E122° 09.6′	91			1	
W 107					
▲ Changhai VOR (CHI) N39° 16.0′ E122° 37.0′	195°	851		1	Dalian ACC
▲ SANKO N38° 15.0′ E122° 27.2′	015° 114	-		<u> </u>	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 108 ▲LATUX					
N35° 29.0′ E120° 47.0′	164° 344°			↓	
▲ BINOR N35° 00.0′ E121° 01.3′	58 164°				
▲ SOSMA N33° 43.1′ E121° 38.9′	344° 154 164° 344°	600			Shanghai ACC
▲ MATNU N31° 39.6′ E122° 38.0′	247 164° 344°				
▲ DUMET N31° 21.7′ E122° 46.5′	36			<u> </u>	
W 109					
▲ Nantong VOR (NTG) N32° 05.8′ E120° 58.7′	294° 114°	707		↓	Shanghai ACC
▲ PIKAS N32° 10.0′ E120° 44.0′	24	707		1	
W 111					
▲ Xining VOR (XNN) N36° 31.6′ E102° 01.8′	100° 280°			↓	
▲ UPVOP N36° 25.8′ E102° 51.4′	75 100° 280°	4 584			Lanzhou ACC
▲ XIXAN N36° 16.8′ E104° 07.5′	115			<u> </u>	
参阅西宁/曹家堡机场标准仪表进场 Refer STAR/SID of XINING/Caojiaj		程序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 112					
▲ Jiayuguan VOR(CHW)	2600				
N39° 51.3′ E098° 21.0′	260° 080°			↓	
▲ IKAGA	92				
N39° 43.2′ E097° 17.1′	260° 080°				Lanzhou ACC
▲ AKTOB	88				
N39° 34.9′ E096° 16.0′	260° 080°	6 398			
▲ TUSLI	345				
N39° 05.0′ E092° 18.0′	260° 080°				
* ▲ ADMUX	119				
N38° 52.6′ E090° 57.0′	260° 080°		-		
▲ NOLEP	197				
N38° 34.5′ E088° 42.5′	260°	5 246			
1130 34.3 E000 42.3	080°				
▲ Qiemo VOR (QIM)	281				
N38° 09.1′ E085° 32.2′	254°		1		Urumqi ACC
1.55 07.1 1.005 52.2	074°	3 400			orumqi i i c
▲ Hotan VOR (HTN)	514	2 .00			
N37° 02.2′ E079° 52.1′	266°		1		
1137 02.2 1077 32.1	086°	6 759			
*▲PURPA(中巴国境点)	396			1	
N36° 56.5′ E075° 24.5′					

- * ADMUX 至 PURPA 段实施 RNP4 运行, 申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需按规定填写飞行计划报编组 10 和编组 18 内容;不具备相应 PBN 相应 PBN 适航能力或者没有达到 PBN 运行合格审定的航空器,仍旧按照现行执行。
- * RNP4 is implemented on segments between ADMUX and PURPA. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required; for aircraft do not meet, operation as usual

W 113				
▲*Yancheng VOR (YCH)	0929			
N33° 25.3′ E120° 12.3′	082° 262°	660	1	
▲*GORPI	115			
N33° 40.1′ E121° 24.4′	<u>082°</u>			Shanghai ACC
▲ SOSMA	262° 23	600		
N33° 43.1′ E121° 38.9′	<u>082°</u>	000		
▲IKADI	262° 174		1	
N34° 05.5′ E123° 29.0′				

^{*}参阅盐城/南洋机场标准仪表进场/标准仪表离场程序。

^{*}Refer STAR/SID of YANCHENG/Nanyang airport.

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 114 ▲DUMET					
N31° 21.7′ E122° 46.5′ ▲LASAN N31° 00.0′ E122° 25.5′	225° 045° 52	600		↓	Shanghai ACC
W 115 ▲MATNU N31° 39.6′ E122° 38.0′ ▲PINOT N31° 27.0′ E122° 27.0′	222° 042° 29	600		↓	Shanghai ACC
W 116 ▲ Nanxiang NDB (PK) N31° 17.0′ E121° 19.8′ ▲ Jiuting VOR (JTN) N31° 07.4′ E121° 20.5′	182° 002° 18	1 232		1	Shanghai ACC
W 117 ▲ Dongshan VOR (DST) N27° 45.0′ E120° 37.8′ ▲ BEGMO N28° 00.0′ E121° 50.0′	081° 261° 122	1 348		1	Shanghai ACC

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 121 ▲ Dongshan VOR (DST)					
N27° 45.0′ E120° 37.8′ ▲ NUDPO N26° 45.0′ E121° 04.3′	163° 343° 119	1 285		†	Shanghai ACC
W 122 ▲ Fuzhou VOR (FOC) N25° 56.6′ E119° 39.8′	119°			Į.	Shanghai ACC
▲ PONEN N25° 37.5′ E120° 24.0′	299° 82	1 197		1	
W 123 ▲ Xinglin VOR (XLN)					
N24° 33.9′ E118° 00.9′ ▲ ALADU	184° 004° 27	1 509		↓	Shanghai ACC
N24° 19.3′ E118° 00.7′ ▲ APAKA N23° 51.8′ E118° 26.7′	142° 322° 67	1 136		1	

		MI PH IIICIII	tional air route	S	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling uni
1	2	3	4	5	6
W 125 ▲ Xuzhou VOR(XUZ)			Т		
N34° 03.6′ E117° 33.0′ ▲ Yaoji NDB(DO)	091° 271° 24	828		1	
N34° 04.5′ E117° 48.7′ ▲ MEXUP	111° 291° 27	005			Shanghai ACC
N34° 00.6′ E118° 05.8′	111° 291°	805		↑	
▲ OMUDI N33° 58.2′ E118° 16.0′	16			'	
Refer STAR/SID of XUZHOU/Guar W 126	nyin airport.				
▲ Yaoji NDB(DO) N34° 04.5′ E117° 48.7′ ▲ Pixian VOR (DPX)	043° 223° 28	805		↓	Shanghai ACC
	20				
N34° 16.7′ E117° 59.9′	壮公 主 南 圮 却	占			
N34° 16.7′ E117° 59.9′ 参阅徐州/观音机场标准仪表进场/ Refer STAR/SID of XUZHOU/Gua		序。			
		序。			
参阅徐州/观音机场标准仪表进场/ Refer STAR/SID of XUZHOU/Gua W 127	nyin airport. 003°	序。		1	
参阅徐州/观音机场标准仪表进场/ Refer STAR/SID of XUZHOU/Gua W 127 ▲Luogang VOR (HFE)	003° 183° 84 003°			1	Shanghai ACC
参阅徐州/观音机场标准仪表进场/ Refer STAR/SID of XUZHOU/Guar W 127 ▲ Luogang VOR (HFE) N31° 46.5′ E117° 18.1′ ▲ SEGPI N32° 32.0′ E117° 16.0′	003° 183° 84	992		1	Shanghai ACC (Above 7 800m) Hefei ACC (7 800m or below)
参阅徐州/观音机场标准仪表进场/ Refer STAR/SID of XUZHOU/Guar W 127 ▲ Luogang VOR (HFE) N31° 46.5′ E117° 18.1′ ▲ SEGPI N32° 32.0′ E117° 16.0′ ▲ KAGVO N32° 42.8′ E117° 15.5′	003° 183° 84 003° 183° 20 003° 183° 137			↓	(Above 7 800m) Hefei ACC
参阅徐州/观音机场标准仪表进场/ Refer STAR/SID of XUZHOU/Guar W 127 ▲ Luogang VOR (HFE) N31° 46.5′ E117° 18.1′ ▲ SEGPI N32° 32.0′ E117° 16.0′ ▲ KAGVO N32° 42.8′ E117° 15.5′	003° 183° 84 003° 183° 20 003° 183°			1	(Above 7 800m) Hefei ACC

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 128 ▲KAMDA					Beijing ACC
N33° 21.9′ E114° 12.2′	115° 295° 152	700		↓	(Above 9 800m) Zhengzhou ACC (9 800m or below)
▲ Fuyang VOR (FYG) N32° 53.0′ E115° 43.8′	132				
W 129 ▲ Xinzheng VOR (CGO)	1700		T		
N34° 31.1′ E113° 50.6′ ▲ KAMDA N33° 21.9′ E114° 12.2′	170° 350° 132 170° 350°	849		↓	Beijing ACC (Above 9 800m) Zhengzhou ACC (9 800m or below)
▲ OBLIK N32° 19.8′ E114° 31.5′	119			<u> </u>	(* ************************************
W 130					
▲ LANDA N21° 36.8′ E113° 02.7′	039° 219°	1 018		↓	Guangzhou ACC
▲ Gaolan NDB (UJ) N21° 55.2′ E113° 17.6′	43			<u> </u>	
W 131					
▲ GITUM N40° 44.7′ E116° 59.1′	237° 057°			1	
▲ ASAVA N40° 20.2′ E116° 19.6′	72 237° 057°	2 522			Beijing ACC
▲ Qingbaikou NDB (CD) N40° 00.8′ E115° 48.3′	57			<u> </u>	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	altitude(m)	航路宽度 (千米) Lateral limits (km)	cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 132 ▲ Xingtang NDB (OC)					
N38° 27.3′ E114° 33.3′	083° 263°			1	
▲ NIPES N38° 32.7′ E115° 04.8′	47 083° 263°				
△IBUNO	38	807			
N38° 37.1′ E115° 30.3′	083° 263°	807			Beijing ACC
▲ AVNIX	51				
N38° 43.0′ E116° 04.5′ ▲ IKENU	083° 263° 21				
N38° 45.5′ E116° 18.8′	075° 255°	1 020			
▲ NIRON	29				
N38° 51.2′ E116° 37.7′	075° 255°	1 197			
▲ Tianjin NDB (CG) N39° 04.8′ E117° 22.5′	69			<u> </u>	
W 133					
▲ AVNIX					
N38° 43.0′ E116° 04.5′	038°	613		1	Beijing ACC
▲ BOBAK N39° 07.6′ E116° 24.3′	218° 54	013		1	

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 134 ▲OKVUM					
N36° 28.4′ E110° 30.6′	060° 240°			1	Beijing ACC (Above 7 800m)
▲ XIVEP N37° 37.9′ E112° 39.5′	230 060°	2 612		^	Taiyuan ACC (7 800m or below)
▲ UBLAT N38° 03.0′ E113° 26.6′	240° 83			<u>†</u>	
W 135					
▲NUGLA		ı	T		
N35° 46.8′ E109° 22.6′	042° 222°	2 163		1	Xi'an ACC
▲ MAPMU	180				
N37° 02.7′ E110° 38.3′	066° 246° 172				
▲ GODON N37° 46.5′ E112° 21.1′	066°				
N37 40.3 E112 21.1 ▲EKETA	246° 24	2802			Beijing ACC (Above 7 800m) Taiyuan ACC
N37° 52.5′ E112° 35.4′	066° 246°				(7 800m or below)
▲ EXUMI N38° 05.0′ E113° 04.9′	49			<u> </u>	
W 136					
▲ Xingtang NDB (OC) N38° 27.3′ E114° 33.3′	282°	1055		↓	D.''. 1.00
▲ PIGAN	102° 49	1 851			Beijing ACC
N38° 30.3′ E114° 00.1′ ▲ TEDIB	245° 065° 16				Beijing ACC
N38° 25.9′ E113° 50.4′	245° 065°	2 404			(Above 7 800m) Taiyuan ACC (7 800m or below)
▲ EXUMI N38° 05.0′ E113° 04.9′	77			↑	(7 800III OF DEIOW)

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 137 ▲ TEDIB	Beijing ACC				
N38° 25.9′ E113° 50.4′ ▲ NONIT N38° 40.5′ E113° 55.6′	021° 201° 28	2 881		†	(Above 7 800m) Taiyuan ACC (7 800m or below)
W 138 ▲ Zhangjiajie VOR (DYG)	Guangzhou ACC (Above 7 800m)				
N29° 06.4′ E110° 26.2′ Laoliangcang VOR (LLC) N28° 04.1′ E112° 12.5′	127° 307° 208	2 150		†	(Above 7 800m) Changsha ACC (7 800m or below)
参阅张家界/荷花机场标准仪表进场 Refer STAR/SID of ZHANGJIAJIE/I		程序。			
W 139 ▲ Zhangjiajie VOR (DYG)					Guangzhou ACC (Above 7 800m)
N29° 06.4′ E110° 26.2′ • IGPAR	331° 151° 50	2 117		↓	Changsha ACC (7 800m or below)
N29° 29.3′ E110° 10.1′ A Enshi VOR (ENH) N30° 17.5′ E109° 36.1′	331° 151° 105	2 700		↑	Guangzhou ACC (Above 7 800m) Wuhan ACC (7 800m or below)

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 140					Guangzhou ACC
▲ Zhangjiajie VOR (DYG) N29° 06.4′ E110° 26.2′	241° 061°	2 118		1	(Above 7 800m) Changsha ACC (7 800m or below)
▲ Huayuan VOR (HUY) N28°34.8′E109°27.0′ 参阅张家界/荷花机场标准仪表进场	112	. 把 卮		'	
多層が素が個化物場が遅収表近域 Refer STAR/SID of ZHANGJIAJIE/I		任厅。			
W 141					
▲ Zhangjiajie VOR (DYG) N29° 06.4′ E110° 26.2′	080°			↓	
▲ KALMU	260° 114			*	Guangzhou ACC (Above 7 800m)
N29° 20.5′ E111° 34.8′	080°	2 150			Changsha ACC (7 800m or below)
▲ Linli VOR (LIN) N29° 21.2′ E111° 38.9′	260° 7			1	(7 dodin of below)
参阅张家界/荷花机场标准仪表进场 Refer STAR/SID of ZHANGJIAJIE/I		程序。			
W 142					
▲ Jinan VOR (YQG)					Beijing ACC
N36° 50.0′ E117° 12.9′	186° 006°	2 184		1	(Above 7 800m) Jinan ACC (7 800m or below)
▲ DALIM N36° 25.1′ E117° 12.8′	46			<u> </u>	() coolin or cere !!)
W 143					
▲ Liupanshui VOR(LPS) N26° 38.6′ E105° 01.8′					
▲ KIBES	050° 134				
N25° 51.1′ E104° 00.8′		3 466			
▲*Malong VOR (DJT) N25°31.9′ E103°36.3′	050° 54		-		Kunming ACC
1123 31.7 12103 30.3	036° 100	3 420		↑	
▲*ATOLO					

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 144					
▲ *Xishan VOR (SGM) N25° 04.9′ E102° 31.2′	<u>027°</u>			↓	
▲*DADOL N26° 30.1′ E103° 17.7′	176 028°	4 950			
▲ Zhaotong VOR (ZAT) N27° 19.4′ E103° 45.3′	102 021°				Kunming ACC
▲ENTOV N27° 44.8′ E103° 55.3′	50 021°	3 798			
▲ KAKMI N28° 41.1′ E104° 17.7′	110				
W 145 A Zhaotong VOR (ZAT) N27° 19.4′ E103° 45.3′ A RELUT N27° 27.6′ E104° 21.9′ A IDSID N27° 37.8′ E105° 06.7′	077° 62 077° 76	- 3 798		1	Kunming ACC
W 146					
▲ Dali VOR (DAL) N25° 38.6′ E100° 19.4′	161° 341°	4 722		↓	
▲ ALALA N24° 58.3′ E100° 35.8′ ▲ GULOT	80 113° 293° 105	3 477			Kunming ACC
N24° 37.4′ E101° 33.9′ ▲ IDPUG N24° 40.1′ E102° 34.1′	088° 268° 102 088°	3 420			
▲ Jinning VOR (XSJ) N24° 41.0′ E102° 48.0′	268° 24			↑	

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 147 ▲ELASU			1		W : 100
N23° 59.2′ E101° 47.4′	047° 109	3 240		↓	Kunming ACC
▲ IDPUG N24° 40.1′ E102° 34.1′	109				
参阅昆明/长水机场标准仪表进场和 Refer STAR of KUNMING/Changsh					
W 148					
▲ Luxi VOR (LXI)					
N24° 32.5′ E103° 44.6′	272° 092°	3 201		1	Kunming ACC
▲ IGRID	56				Rumming / ICC
N24° 33.2′ E103° 11.1′	291° 111°	3 420			
▲ Jinning VOR (XSJ) N24° 41.0′ E102° 48.0′	41			<u> </u>	
W 149					
▲ Panlong VOR (XFA)					
N25° 24.1′ E102° 56.0′	<u>017°</u>	4 950		1	Kunming ACC
▲ DADOL N26° 30.1′ E103° 17.7′	127				
N26° 30.1 E103° 17.7 参阅昆明/长水机场标准仪表离场程 Refer SID of KUNMING/Changshui					
W 150	штроги.				
▲ ATOLO			1		
N24° 47.4′ E103° 02.0′	112°	3 420		1	Kunming ACC
▲ Luxi VOR (LXI) N24° 32.5′ E103° 44.6′	77				
参阅昆明/长水机场标准仪表离场和 Refer SID of KUNMING/Changshui				l	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 151					
▲ Xinzheng VOR (CGO) N34° 31.1′ E113° 50.6′	112°			1	Beijing ACC (Above 9 800m)
▲ GOLAK N34° 26.5′ E114° 07.5′	27 111°	713			Zhengzhou ACC (9 800m or below)
▲ IDULA N34° 18.1′ E114° 42.9′	56				
参阅郑州/新郑机场标准仪表离场程 Refer SID of ZHENGZHOU/Xinzher					
W 152					
▲ Kouling VOR (KLX)					
N34° 15.9′ E109° 14.9′ ▲ UGSUT	155° 335° 64	2 687		↓	
N33° 45.4′ E109° 34.6′	251° 071°				Xi'an ACC
▲ PIKEM N33° 30.7′ E108° 51.6′	72 251° 071°	3 300			
▲ Ningshan VOR (NSH) N33° 19.1′ E108° 18.7′	55			<u> </u>	
参阅西安/咸阳机场标准仪表进场/材 Refer STAR/SID of XI'AN/Xianyang					
W 153	2 por.				
▲ Yanzhuang NDB (ZS) N34° 13.3′ E108° 51.2′	183°			↓	
▲ PIKEM N33° 30.7′ E108° 51.6′	003° 79	3 615		↑	Xi'an ACC
参阅西安/咸阳机场标准仪表进场/材 Refer STAR/SID of XI'AN/Xianyang		! 序。			

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 154					
▲ Changwu NDB (HO) N35° 12.6′ E107° 46.1′ ▲ XODAS N34° 54.8′ E108° 10.7′	135° 315° 50	2 074		1	Xi'an ACC
参阅西安/咸阳机场标准仪表进场/木		! 序。			
Refer STAR/SID of XI'AN/Xianyang W 155	g airport.				
 VETIB N24° 09.6′ E116° 26.2′ ▲ DABER N24° 08.6′ E116° 51.7′ ▲ TEBON N24° 07.0′ E117° 32.0′ 参阅揭阳/潮汕机场标准仪表进场/ 		2 159 2 144	-	1	Guangzhou ACC
Refer STAR/SID of JIEYANG/Chaos		王厅。			
W 157 ▲ DALIM N36° 25.1′ E117° 12.8′ ▲ TUMLO	343° 96	2 124		1	Beijing ACC (Above 7 800m) Jinan ACC (7 800m or below)
N37° 13.0′ E116° 47.7′ ▲ BIVOR N38° 20.0′ E116° 22.0′	349° 130 016°	666			Beijing ACC
▲ Dawangzhuang VOR (VYK) N39° 11.7′ E116° 34.3′	97	027			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator	航迹(磁)、 距离(千米)	最低飞行高 度(米)	航路宽度 (千米)	巡航高度层 方向	备注、管制单位
Name of significant points Coordinates	Track(MAG) DIST(km)	MNM flight altitude(m)	Lateral limits (km)	Direction of cruising levels	Remarks, Controlling unit
1	2	3	4	5	6
W 158					
▲ PANKI N37° 17.8′ E117° 00.0′	<u>192°</u>	1 427		↓	Beijing ACC (Above 7 800m)
▲ Zhangzhuang NDB (AR) N36° 43.4′ E116° 55.0′	64				Jinan ACC (7 800m or below)
W 159					
▲ Zangangzhen NDB (JB) N39° 02.6′ E116° 11.9′	<u>162°</u>	642		1	Beijing ACC
▲ IDKUP N38° 17.5′ E116° 37.5′	91				<i>y c</i>
W 160					
▲ Jinan VOR (YQG) N36° 50.0′ E117° 12.9′	325°			↓	Beijing ACC
▲ TUMLO	57	1 427		Ť	(Above 7 800m) Jinan ACC
N37° 13.0′ E116° 47.7′ * W 161					(7 800m or below)
▲ Wuxi VOR (VMB) N31° 44.6′ E120° 11.5′	149°	1 025		↓	Shanghai ACC
▲ SASAN N31° 35.4′ E120° 19.2′	329° 21	1 025		<u> </u>	5 11 12 5 m 5 To 14 1 1

^{*}W161 实施 RNAV2 运行,申请使用时,已完成相关 PBN 适航和运行合格审定的航空器,需严格按规定填写飞行计划报编组 10 和编组 18 内容,空管部门会在起飞前的协同决策阶段给予优先放行;对不符合 PBN 适航和运行合格审定要求的航空器,空管部门将配备适当间隔以确保区域飞行的安全和秩序。

^{*} RNAV2 is implemented on W161. When applying to use, aircraft which has achieved related airworthiness and operational approval must fulfill related FPL items 10 and 18 as required, and will be given a higher priority to fly; For aircraft do not meet, appropriate separation will be provided to ensure safety and efficiency of these area.

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 162					
▲ Chenghai VOR (CEH) N26° 39.9′ E100° 43.2′	200° 020°	4 722		1	Kunming ACC
▲ Dali VOR (DAL) N25° 38.6′ E100° 19.4′ ▲ UPGED	120 188° 008° 57	4 522		↑	
N25° 08.3′ E100° 15.4′	37			'	
W 163					
▲ Luogang VOR (HFE)					Shanghai ACC (Above 7 800m)
N31° 46.5′ E117° 18.1′ ▲ SUNBO	093° 273° 74	1 080		1	Hefei ACC (7 800m or below)
N31° 47.5′ E118° 05.3′ ▲ VEMEX N31° 47.7′ E118° 18.1′	093° 273° 20			1	Shanghai ACC
参阅南京/禄口机场标准仪表进场//	 标准仪表离场程	序。			
Refer STAR/SID of NANJING/Luko		, ,			
W 164 ▲LEGIV					Shanghai ACC (Above 7 800m)
N31° 36.5′ E117° 34.5′ ▲ OREVO	088° 268° 57	1 127		↓	Hefei ACC (7 800m or below)
N31° 40.0′ E118° 10.5′		11			
参阅南京/禄口机场标准仪表进场/i Refer STAR/SID of NANJING/Luko W 165		序。			Shanghai ACC
▲ Taohua VOR (THA) N31° 46.7′ E117° 07.4′	118° 298°	1 127		1	(Above 7 800m) Hefei ACC (7 800m or below)
▲ LEGIV N31° 36.5′ E117° 34.5′	47	Y .		1	(7 800III of below)
参阅合肥/新桥机场标准仪表进场/۶ Refer STAR/SID of HEFEI/Xinqiao					
* W 166	un port.				
▲ Benniu NDB (ZJ) N31° 56.5′ E119° 42.6′ ▲ DALNU	331° 151°	1 025		1	Shanghai ACC
▲DALNU N33°48.8′E118°10.1′ *航线高度使用限制, 具体联系 AT	253 C.			T	
*En-route altitude limited, contact A					

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 167 * ▲ Benniu NDB (ZJ) N31° 56.5′ E119° 42.6′ * ▲ SASAN N31° 35.4′ E120° 19.2′ ▲ Shuofang VOR(SUF) N31° 29.9′ E120° 25.9′	129° 309° 69 139° 319° 15	928 941		1	Shanghai ACC
*航线高度3900米(含)以上。					
*En-route altitude 3 900m or above.					
W 168 * ▲ Jiangbei VOR (CKG) N29° 44.8′ E106° 39.2′ ▲ Changshengqiao VOR (SHC) N29° 25.9′ E106° 43.7′ * ▲ XOLAL N29° 29.6′ E106° 52.9′ ▲ Fuling VOR (FLG) N29° 42.0′ E107° 22.7′	170° 350° 36 067° 247° 16 067° 247° 53	1 954 1 550 1 882		1	Chengdu ACC
*参阅重庆/江北机场标准仪表进场 *Refer STAR/SID of CHONGQINC					
W 169 ▲ Nanning VOR (WUY) N22° 35.1′ E108° 08.9′ ▲ ISGEG N21° 13.0′ E108° 18.3′ ▲ VEXOT N20° 59.3′ E108° 16.0′ ▲ RUNEG	175° 355° 153 190° 010° 26 190° 010° 55	1 990		1	Nanning ACC
N20° 30.0′ E108° 11.1′			•		

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 170 ▲ VEGDO N18° 11.5′ E109° 17.1′ ▲ ATALA N17° 40.3′ E109° 17.3′ ▲ SAVNO N17° 29.5′ E109° 17.4′	181° 001° 58 181° 001° 20	1 078 600		1	Sanya ACC
W 171 △LENKO					
N17° 25.0′ E110° 18.0′ ▲ SAVNO N17° 29.5′ E109° 17.4′ ▲ SAGSU	276° 096° 107 276° 096° 13	600		↓	Sanya ACC
N17° 30.1′ E109° 09.8′ W 172 ▲ ABVER					
N35° 42.7′ E120° 33.4′ *▲URBAD N36° 07.0′ E120° 28.8′ ▲VEPGI N36° 22.8′ E120° 29.7′ ▲MUPIK N36° 31.2′ E120° 33.6′	358° 178° 46 009° 189° 29 027° 207° 17 014°	1 732		↓	Qingdao ACC
▲ Laiyang NDB(FD) N36° 55.8′ E120° 37.9′	194° 46 015°	925	-		
*ATEKAM N37° 35.2′ E120° 45.3′ AIGDEG	195° 74 012° 192° 47	1410		1	
N38° 00.4′ E120° 48.3′ * URBAD 及 TEKAM 之间航:				1	

^{*}URBAD及TEKAM之间航线高度9500米(含)以上。

^{*} Segments between TEKAM and URBAD, En-route altitude 9 500m or above.

国际	航路 Interna	tional air route	es	
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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling uni
2	3	4	5	6
217°				
037°			*	Dalian ACC
	1 357		-	
217°				Qingdao ACC
037°				
45			1	
205°			1	
025°			·	
				0: 1 400
	1 400			Qingdao ACC
	1 400			
35			<u> </u>	
				Beijing ACC
<u>030°</u>			\downarrow	(Above 7 800m) Taiyuan ACC
224	3 166		•	(7 800m or below)
524				
	航迹(磁)、 距离(千米) Track(MAG) DIST(km) 2 217° 037° 11 217° 037° 31 217° 037° 45 205° 025° 42 205° 025° 34 198° 018° 35	航速(磁)、 距离(千米) Track(MAG) DIST(km)	航迹(磁)、 距离(千米) Track(MAG) DIST(km)	航速(磁)、

^{*} En-route altitude 8100m-12500m.

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 176 ▲ Tianjin NDB (CG)					
N39° 04.8′ E117° 22.5′ *▲ NOKAK	126° 306° 153	1 197		1	Beijing ACC
N38° 25.0′ E118° 55.0′	080° 260°	600	-	↑	
* ▲ ANRAT N38° 39.5′ E119° 57.4′	94			1	
* Between NOKAK and ANRAT, ab W 177					
** 177					
▲ Yancheng VOR (YCH) N33° 25.3′ E120° 12.3′	297°				
▲ Huaian VOR (HUN)	117° 108	717		↓	
N33° 46.4′ E119° 06.6′	291° 111°				Shanghai ACC
▲ IDKOT N33° 51.3′ E118° 46.0′	33 291° 111°	689			
▲ OMUDI N33° 58.2′ E118° 16.0′	48			1	
W 178					
▲LAGAL					
N33° 28.0′ E118° 42.3′	193°	869		↓	Shanghai ACC
▲ Bantaji NDB (OF) N32° 40.4′ E118° 34.7′	013° 89	809		<u> </u>	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 179 ▲ELKAL N26° 05.8′ E108° 23.8′ ▲MASRO N26° 38.0′ E107° 08.6′ ▲SUMUN N26° 47.2′ E106° 46.8′ ▲BIPIP N27° 12.0′ E106° 22.5′	298° 138 298° 40 321° 61 321°	2 528 2 300 2 204		↓	Guiyang ACC
▲ IRVED N27° 43.9′ E105° 51.3′ ▲ Xuyong VOR (XYO) N28° 10.3′ E105° 25.2′	79 321° 65	2 587			Chengdu ACC

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 180 ▲ Heliushui NDB (DS) N30° 12.0′ E106° 50.9′ ▲ Tongjingchang NDB (OS) N29° 51.1′ E106° 50.8′	182° 39 179°	2 215	-	↓	
▲ XOLAL N29° 29.6′ E106° 52.9′	40 179°	1 610			Chengdu ACC
▲ UNRIX N28° 46.0′ E106° 55.0′	81 179°	2 606			
▲ BONSA N28° 14.4′ E106° 56.8′ ▲ UPKUS N28° 03.7′ E106° 57.4′	59 179° 20 179°	2 413			
▲ MEMAG N27° 28.5′ E106° 59.2′ ▲ IGLIT	66 179° 60	2 126			
N26° 56.0′ E107° 01.0′ ▲ LIKRI	179° 13	2 100			
N26° 49.1′ E107° 01.3′ ▲ XINSU N26° 35.9′ E107° 02.0′	24 179° 179°	2 300			Guiyang ACC
▲ KAGRA N26° 27.4′ E107° 02.4′	16 179°				
▲ELBAV N26° 17.6′ E107° 02.8′	18				

	国际	航 路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 181					
* ▲ Guiyang VOR (KWE) N26° 31.4′ E106° 47.7′	137°	2 300		1	
▲ ELBAV	36	2 300			Guiyang ACC
N26° 17.6′ E107° 02.8′	137°	2 296	_		
▲ IDEPO	90				
N25° 42.9′ E107° 40.7′	137°	2 184			
** ▲ Libo VOR (GLB) N25° 27.3′ E107° 57.8′	40 176°		_		
▲ XOLON N24° 32.3′ E108° 04.5′	103 176°	1 761			Nanning ACC
** ▲ DUDIT N23° 49.3′ E108° 09.7′	80				

- * 贵阳 VOR 至荔波 VOR 航段飞行高度 8 100 米 (含)至 12 500 米。
- * Segments between Guiyang VOR(KWE) and Libo VOR(GLB), en-route altitude 8 100m—12 500m.
- **荔波 VOR 至 DUDIT 航段飞行高度 8 900 米 (含)至 12 500 米。
- ** Segments between Libo VOR(GLB) and DUDIT, en-route altitude $8\,900\mathrm{m}-12\,500\mathrm{m}$.

W 182				
▲ AGTIS				
N27° 22.1′ E106° 45.0′	153°		1	
	333°	2 309	+	
▲IGLIT	55			
N26° 56.0′ E107° 01.0′	108°			
	288°	2 155		Guiyang ACC
▲ UBDID	62			Gulyang ACC
N26° 46.9′ E107° 36.8′	108°			
	288°	2 600		
▲UGUGU	78			
N26° 35.0′ E108° 22.2′	108°			
	288°	2 595	•	
▲LAGEX	68		Ï	
N26° 25.8′ E109° 01.6′				

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 183 ▲UGUGU N26° 35.0′ E108° 22.2′	035°				Guiyang ACC
▲ Tongren VOR (TRN) N27° 52.1′ E109° 17.6′	215° 170 014°	2 595	_	↓	
▲ Huayuan VOR (HUY) N28° 34.8′ E109° 27.0′	194° 80	1 831		↑	Guangzhou ACC (7 800m exclusive-12 500m) Changsha ACC (7 800m or below)
W 184 ▲ PIMOL N32° 14.8′ E119° 45.7′	193°			ı	Shanghai ACC
▲ Benniu NDB(ZJ) N31° 56.5′ E119° 42.6′	013° 34	858		↓	S. Magaine 1100
W 185 ▲ Yancheng VOR(YCH) N33° 25.3′ E120° 12.3′ △ NIXEM N32° 56.5′ E119° 09.6′	247° 067° 111	828		↓	Shanghai ACC

	国际	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 500					
▲ Lhasa VOR (LXA)					
N29° 17.8′ E090° 59.9′	094°			↓	
	274°	6 124		+	
▲ Zedang NDB (DM)	75				
N29° 15.3′ E091° 45.9′	057°				Lhasa ACC
	237°				
▲ OPUNO	50	6 886			
N29° 30.3′ E092° 11.6′	057°				
	237°				
▲ TAPUN	101			1	
N30° 00.2′ E093° 04.5′					
W 501					
. WELL D					
▲ KEVAR N22° 37.5′ E113° 48.6′	0200				
N22 37.3 E113 48.0	028°			↓ ↓	
	208°	1 397		↑	Guangzhou ACC
▲ IDUMA	33			'	
N22° 53.8′ E113° 57.1′					
参阅深圳/宝安机场标准仪表进场 Refer STAR/SID of SHENZHEN/E		序。			
W 503					
▲ Liangxiang NDB (JR)		1			
N39° 43.2′ E116° 05.7′	280°			↓	Beijing ACC
		2 651			
▲ RENOB	56				
N39° 45.3′ E115° 26.8′					
W 504					
AMENION					
▲ VENON	1020			_	Chengdu ACC
N31° 04.2′ E104° 42.2′	103°	1 646		↓ ↓	Chenguu ACC
▲ Nanchong VOR (GAO)	283° 145	1 040		↑	
N30° 48.6′ E106° 11.3′	143			<u> </u>	

	国际	航路 Interna	tional air route	S	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling uni
1	2	3	4	5	6
W 505 A Dangshan VOR (DSH) N30° 08.9′ E120° 30.1′ A SUPAR N30° 01.4′ E120° 51.5′	117° 297° 37	1 172		1	Shanghai ACC
参阅杭州/萧山机场标准仪表进场/	 标准仪表 禀场程	! 序			
Refer STAR/SID of HANGZHOU/X		-/1 。			
W 506	an porti				
▲ Hangzhou VOR (HGH)					
N30° 14.4′ E120° 27.7′	114°			\downarrow	Shanghai ACC
	294°	1 172		↑	
▲ OKTUG	51			•	
N30° 05.3′ E120° 57.6′	レグルキキログ	· -			
参阅杭州/萧山机场标准仪表进场/ Refer STAR/SID of HANGZHOU/X					
W 507	Taosnan amport.				
VV 307					
▲ Dangshan VOR (DSH)					
N30° 08.9′ E120° 30.1′	242°				
	062°			•	g1 1 : A GG
▲ MOLGU	61	1 846			Shanghai ACC
N29° 51.0′ E119° 58.0′	235°	1 640			
	055°				
▲ UGAGO	39			1	
N29° 37. 7′ E119° 39. 1′					
参阅杭州/萧山机场标准仪表进场/		序。			
Refer STAR/SID of HANGZHOU/X	liaoshan airport.				
W 508					
▲ Wenyan NDB (WY)					
N30° 07.3′ E120° 12.1′	245°				
	065°			•	Shanghai ACC
▲ DUBGO	60	1 846			Shanghai ACC
N29° 51.3′ E119° 39.9′	<u>187°</u>	1 040			
▲ Tonglu VOR (TOL) N29° 46.0′ E119° 39.6′	007° 10			1	
N29°46.0°E119°39.6° 参阅杭州/萧山机场标准仪表进场/	レルルキキロム	, <u>-</u>			
//このに /rf. 7日 / 5誌 コロ /rに 120 /ホエ /は 4× 1次 7片 130 /	仦准似衣あ吻柱	-/丁。			

	国际	航路 Interna	tional air route		
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling uni
1	2	3	4	5	6
W 509					
▲ Nanlang VOR (NLG)					
N22° 31.9′ E113° 33.7′	070°			1	
	250°	1 187			
▲ KEVAR	27				Guangzhou ACC
N22° 37.5′ E113° 48.6′	070°				
1,22 0,16 2110 1010	250°	1 543		1	
▲ Guanlan VOR (GLN)	25			'	
N22° 42.5′ E114° 02.0′			1		
Refer STAR/SID of SHENZHEN/Bar W 511	our unport.				
A Channer WOD (CEW)					
▲ Shenyang VOR (SEY) N41° 38.5′ E123° 28.7′ ▲ Dongyangijao NDB (PU)	235° 055° 21	1 048		1	Shenyang ACC
N41° 38.5′ E123° 28.7′ ▲ Dongyangjiao NDB (PU) N41° 30.4′ E123° 17.5′ ▲ Dahushan VOR (DHN)		1 048	- 10	1	Shenyang ACC
N41° 38.5′ E123° 28.7′ ▲ Dongyangjiao NDB (PU) N41° 30.4′ E123° 17.5′ ▲ Dahushan VOR (DHN) N41° 38.7′ E122° 06.9′ 参阅沈阳/桃仙机场标准仪表进场/表Refer STAR/SID of SHENYANG/Ta	055° 21 287° 107° 99	818	- 10	·	Shenyang ACC
N41° 38.5′ E123° 28.7′ ▲ Dongyangjiao NDB (PU) N41° 30.4′ E123° 17.5′ ▲ Dahushan VOR (DHN) N41° 38.7′ E122° 06.9′ 参阅沈阳/桃仙机场标准仪表进场/k	055° 21 287° 107° 99	818	- 10	·	Shenyang ACC
N41° 38.5′ E123° 28.7′ ▲ Dongyangjiao NDB (PU) N41° 30.4′ E123° 17.5′ ▲ Dahushan VOR (DHN) N41° 38.7′ E122° 06.9′ 参阅沈阳/桃仙机场标准仪表进场/表Refer STAR/SID of SHENYANG/Ta	055° 21 287° 107° 99 示准仪表离场程 oxian airport.	818	10	·	Shenyang ACC
N41° 38.5′ E123° 28.7′ ▲ Dongyangjiao NDB (PU) N41° 30.4′ E123° 17.5′ ▲ Dahushan VOR (DHN) N41° 38.7′ E122° 06.9′ 参阅沈阳/桃仙机场标准仪表进场/表Refer STAR/SID of SHENYANG/Ta W 512 ▲ Shenyang VOR (SEY) N41° 38.5′ E123° 28.7′	055° 21 287° 107° 99	818	- 10	·	
N41° 38.5′ E123° 28.7′ ▲ Dongyangjiao NDB (PU) N41° 30.4′ E123° 17.5′ ▲ Dahushan VOR (DHN) N41° 38.7′ E122° 06.9′ 参阅沈阳/桃仙机场标准仪表进场/木 Refer STAR/SID of SHENYANG/Ta W 512 ▲ Shenyang VOR (SEY)	055° 21 287° 107° 99 示准仪表离场程 oxian airport.	818	- 10	1	Shenyang ACC Shenyang ACC

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 513 ▲ Shenyang VOR (SEY)					
N41° 38.5′ E123° 28.7′	080° 260°	1 048		1	
▲ Wangbingou NDB (KY) N41° 42.3′ E123° 44.8′	23 075° 255°		10		Shenyang ACC
▲ EKVOK N41° 49.4′ E124° 06.6′	33 075° 255°	1 553			
▲ NUBKI N41° 58.8′ E124° 35.9′	44			↑	
参阅沈阳/桃仙机场标准仪表进场/材 Refer STAR/SID of SHENYANG/Ta		序。			
W 514 ▲ NUGLA N35° 46.8′ E109° 22.6′	202°			↓	
▲ Mizi VOR (MIZ) N34° 49.2′ E108° 59.7′	022° 112 199° 019°	2 332		·	Xi'an ACC
▲ Sanyuan NDB (OD) N34° 35.9′ E108° 54.9′	26			↑	
参阅西安/咸阳机场标准仪表进场/木 Refer STAR/SID of XI'AN/Xianyang		序。			
W 517					
▲ Tianhe NDB (HG) N30° 55.5′ E114° 21.0′	013°	1 473	8	↓	Wuhan ACC
▲ Hekou VOR (HOK) N31° 19.5′ E114° 25.8′	193° 45	14/3	0	↑	wunan ACC
参阅武汉/天河机场标准仪表进场/材 Refer STAR/SID of WUHAN/Tianho		序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 518 ▲ Tianhe NDB (HG)					
N30° 55.5′ E114° 21.0′ ▲ Xishui VOR (XSH) N30° 26.1′ E115° 16.0′	126° 306° 103	1 200	8	↓	Wuhan ACC
参阅武汉/天河机场标准仪表进场/木 Refer STAR/SID of WUHAN/Tianho		序。			
W 519 ▲ Hebaohu NDB (DA) N30° 41.9′ E113° 58.3′	201° 021°	954	8	1	Wuhan ACC
▲ Longkou VOR (LKO) N29° 54.4′ E113° 41.5′	92			<u> </u>	
参阅武汉/天河机场标准仪表进场/木 Refer STAR/SID of WUHAN/Tianhe		序。			
W 520 ▲ Hebaohu NDB (DA) N30° 41.9′ E113° 58.3′ ▲ Tianmen VOR (WTM) N30° 38.3′ E113° 08.6′	269° 089° 80	954	8	↓	Wuhan ACC
参阅武汉/天河机场标准仪表进场/材 Refer STAR/SID of WUHAN/Tianhe		序。			
W 521 ▲ Luchong NDB (SV) N28° 13.0′ E113° 20.9′ ▲ Liling VOR (LIG)	168° 348° 65	1 411	10	↓	Changsha ACC
N27° 38.9′ E113° 31.0′ 参阅长沙/黄花机场标准仪表进场/材 Refer STAR/SID of CHANGSHA/Hi	示准仪表离场程	序。	1	,	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling uni
1	2	3	4	5	6
W 522					
▲ Datuopunanjintai NDB (Z) N28° 02.8′ E112° 57.7′ ▲ Laoliangcang VOR (LLC) N28° 04.1′ E112° 12.5′	275° 095° 73	1 517		↓	Changsha ACC
参阅长沙/黄花机场标准仪表进场/オ Refer STAR/SID of CHANGSHA/H					
W 523					
▲ Qifengling NDB (Y) N25° 10.3′ E110° 19.1′	143° 323°	2 301	10	↓	Guilin ACC
▲ Ertang NDB (QP) N24° 40.2′ E110° 46.6′	72	2 301	10	<u> </u>	
参阅桂林/两江机场标准仪表进场/オ Refer STAR/SID of GUILIN/Liangji		序。			
W 524					
▲ Qifengling NDB (Y) N25° 10.3′ E110° 19.1′	317° 137°	2 301		1	Guilin ACC
▲ Wutong NDB (PA) N25° 24.3′ E110° 03.6′	37 314° 134°	2 404	- 10		Guilli ACC
▲ Sanjiang VOR (SJG) N25° 46.6′ E109° 36.6′	61			1	
参阅桂林/两江机场标准仪表进场/オ Refer STAR/SID of GUILIN/Liangji		序。		,	
W 525					
▲ Huaian VOR (HUN) N33° 46.4′ E119° 06.6′	233° 053°	643		↓	Shanghai ACC
LAGAL	51	013		↑	

	国际	航路 Internat	ional air routes	}	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 527					
▲ Shuangliu VOR (CTU) N30° 34.4′ E103° 56.6′ ▲ OMGUS N30° 38.6′ E104° 07.8′ ▲ Jintang VOR (JTG)	068° 20 046° 36	1 659	8	1	Chengdu ACC
N30° 52.3′ E104° 23.4′					
参阅成都/双流机场标准仪表进场/서 Refer STAR/SID of CHENGDU/Shu		序。			
W 528 ▲LOM 02L of Chengdu (ZW) N30° 30.0′ E103° 54.5′ ▲Baihesi VOR (BHS) N30° 30.7′ E104° 12.0′ ▲Wufengxi VOR (WFX) N30° 36.4′ E104° 29.5′ 参阅成都/双流机场标准仪表进场/材 Refer STAR/SID of CHENGDU/Shu W 529		1 659	8	1	Chengdu ACC
▲ Baihesi VOR (BHS) N30° 30.7′ E104° 12.0′ ▲ Ziyang VOR (ZYG) N30° 07.1′ E104° 40.6′	136° 63	1 659	8	1	Chengdu ACC
参阅成都/双流机场标准仪表进场/서 Refer STAR/SID of CHENGDU/Shu		序。			
W 530 ▲ Fujiachang VOR (FJC) N29° 55.7′ E104° 18.2′ ▲ ONIKI N30° 19.1′ E104° 05.2′ ▲ LOM 02L of Chengdu (ZW) N30° 30.0′ E103° 54.5′	336° 48 321° 26	1 598	8	↓	Chengdu ACC
参阅成都/双流机场标准仪表进场/서 Refer STAR/SID of CHENGDU/Shu		序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling uni
1	2	3	4	5	6
W 531					
▲ LOM 02L of Chengdu (ZW) N30° 30.0′ E103° 54.5′ ▲ Chongzhou VOR (CZH)	309° 129° 27	1 372	8	↓	Chengdu ACC
N30° 38.7′ E103° 41.2′					
参阅成都/双流机场标准仪表进场/ Refer STAR/SID of CHENGDU/Shi		.序。			
W 535					
▲ Lijiang VOR (LJA) N26° 46.4′ E100° 16.4′	106°			↓	Kunming ACC
▲ Chenghai VOR (CEH) N26° 39.9′ E100° 43.2′	286° 46	4 553		<u>†</u>	
参阅丽江/三义机场标准仪表进场/ Refer STAR/SID of LIJIANG/Sanyi		序。			
W 536					
▲ PUGIM N29° 05.0′ E119° 37.0′	060° 240°	1 910		↓	Shanghai ACC
▲ Yiwu VOR (YEU) N29° 20.3′ E120° 01.9′	49 074° 254°	1 795			Shanghai ACC
▲ Shengzhou VOR (SHZ) N29° 36.0′ E120° 49.0′	81			<u> </u>	
参阅义乌/义乌机场标准仪表进场/ Refer STAR/SID of YIWU/Yiwu ain		· 序。			
W 537					
▲ Yiwu VOR (YEU) N29° 20.3′ E120° 01.9′	316° 136°	1 846		↓	Shanghai ACC
▲ UGAGO N29° 37.7′ E119° 39.1′	49			1	
参阅义乌/义乌机场标准仪表进场/ Refer STAR/SID of YIWU/Yiwu ain		序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 538 ▲ Manzhouli VOR (MZL) N49° 19.7′ E117° 38.7′	111°			↓	Hailar ACC
△ KAGAK N49° 16.0′ E118° 06.0′	291° 34	1 609		1	
参阅满洲里/西郊机场标准仪表进: Refer STAR/SID of MANZHOULI		程序。			
W 539 ▲ Manzhouli VOR (MZL) N49° 19.7′ E117° 38.7′	342° 162°	1 609		1	Hailar ACC
△ MANLI N49° 35.0′ E117° 27.0′	32			<u> </u>	
参阅满洲里/西郊机场标准仪表进; Refer STAR/SID of MANZHOULI/		7程序。			
W 540					
▲ Longzaocun VOR (LCZ) N34° 27.1′ E108° 47.6′	350°	2 214		↓	
▲ DOVOP	170° 35	2 214			
N34° 45.4′ E108° 42.5′	021° 201°	2 454	-		Xi'an ACC
▲LOVRA N35° 50.8′ E109° 08.4′	127 029° 209°	2 063	_		
▲ Yan'an VOR (YAV) N36° 41.1′ E109° 38.1′	103			1	
参阅西安/咸阳机场标准仪表进场/ Refer STAR/SID of XI'AN/Xianyar		[序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling uni
1	2	3	4	5	6
W 541 ▲ DOVOP					
N34° 45.4′ E108° 42.5′	315° 135°			1	Xi'an ACC
▲ TEBIB N35° 21.1′ E107° 53.9′	99 315° 135°	2 454			
▲ ADNEN N35° 30.4′ E107° 41.2′	26			<u> </u>	
参阅西安/咸阳机场标准仪表进场/标 Refer STAR/SID of XI'AN/Xianyang		序。			
W 543					
▲ Bantaji NDB (OF) N32° 40.4′ E118° 34.7′	198° 018°	1 049		↓	
▲ AKSIG N32° 30.0′ E118° 32.0′	20 174°		_		Shanghai ACC
△ XOGAX N31° 48.7′ E118° 41.2′	354° 78 174°	1 058			
▲ Xiaodanyang NDB (ID) N31° 40.0′ E118° 43.0′	354° 16			<u> </u>	
参阅南京/禄口机场标准仪表进场/标 Refer STAR/SID of NANJING/Lukou		呈序。			
W 545					
▲ ESBAG N31° 37.2′ E119° 40.4′	293° 113°			↓	
▲ Moling VOR(MLJ)	81 268°	1 058			Shanghai ACC
N31° 50.7′ E118° 51.3′	088°		1	↑	

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	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 546 ▲OREVO					
N31° 40.0′ E118° 10.5′	095° 275°			1	
▲ Xiaodanyang NDB (ID) N31° 40.0′ E118° 43.0′	51 092° 272°	1 080			Shanghai ACC
▲ Shiqiu VOR(SNQ) N31° 40.8′ E118° 58.1′	24 124° 304°				
▲ GOSRO N31° 33.4′ E119° 13.3′	28			<u> </u>	
参阅南京/禄口机场标准仪表进场/ Refer STAR/SID of NANJING/Luko		呈序。			
W 547					
▲ Jinjiang VOR (JNJ) N24° 48.1′ E118° 35.8′	248° 068°	1 728		↓	Shanghai ACC (Above 7 800m) Xiamen ACC
▲ Xinglin VOR (XLN) N24° 33.9′ E118° 00.9′	64	1 720		↑	(7 800m or below)
参阅泉州/晋江机场标准仪表进场/ Refer STAR/SID of QUANZHOU/Jii		呈序。			
W 548					
▲ Jinjiang VOR (JNJ) N24° 48.1′ E118° 35.8′	007° 187°	1 435		1	Shanghai ACC (Above 7 800m) Xiamen ACC (7 800m or below)
▲ ATSAB N25° 05.6′ E118° 37.1′	32			<u> </u>	(7 GOOM OF DELOW)
参阅泉州/晋江机场标准仪表进场/ Refer STAR/SID of QUANZHOU/Jii		呈序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 549 ▲ Tongjingchang NDB (OS)					
N29° 51.1′ E106° 50.8′	<u>048°</u>	1 700		↓	Chengdu ACC
▲ ALDEL N30° 08.3′ E107° 11.5′	46 131°	2 513			
▲ BONBO N29° 47.2′ E107° 42.6′	64				
参阅重庆/江北机场标准仪表进场 Refer STAR/SID of CHONGQING/		锃序。			
W 550					
▲ ALDEL N30° 08.3′ E107° 11.5′	341° 161°			1	
▲ SULEP N30° 32.6′ E107° 00.4′	48 293° 113°	1 790			Chengdu ACC
▲ EKELA N30° 44.3′ E106° 24.7′	61 293° 113°				
▲ Nanchong VOR (GAO) N30° 48.6′ E106° 11.3′	23			1	
参阅重庆/江北机场标准仪表进场 Refer STAR/SID of CHONGQING/		锃序。			
W 551					
▲ BONBO N29° 47.2′ E107° 42.6′	277° 097°	2 600		1	Chengdu ACC
▲ Tongjingchang NDB (OS) N29° 51.1′ E106° 50.8′	83			1	
参阅重庆/江北机场标准仪表进场 Refer STAR/SID of CHONGQING/		望序 。		,	

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 552 ▲BIGRO					
N21° 34.2′ E111° 49.6′ ▲ Gaolan NDB(UJ) N21° 55.2′ E113° 17.6′	077° 156 114°	1 468		1	Guangzhou ACC
▲ ROMEO N21°51.8′ E113°26.9′	17	1 081			
参阅深圳/宝安和澳门机场标准仪表Refer STAR of SHENZHEN/Baoan		acao airport.			
W 553 ▲ Gaolan NDB(UJ) N21° 55.2′ E113° 17.6′	<u>030°</u>	1 181		↓	Guangzhou ACC
▲ Lianshengwei VOR (ZUH) N22° 13.3′ E113° 28.0′	38				
参阅深圳/宝安机场标准仪表进场和 Refer STAR of SHENZHEN/Baoan					

		航路 Interna			
航路代号、重要点名称、坐标	航迹(磁)、	最低飞行高	航路宽度	巡航高度层	h . ht . 1126
Route designator	距离(千米)	度(米)	(千米)	方向	备注、管制单位
Name of significant points Coordinates	Track(MAG) DIST(km)	MNM flight altitude(m)	Lateral limits (km)	Direction of cruising levels	Remarks, Controlling unit
1	2	3	4	5	6
W 554					
▲*Hangzhou VOR (HGH)					
N30° 14.4′ E120° 27.7′	<u>306°</u>			↓	
	126°	1 061			
▲ ADBAS	22				
N30° 20.6′ E120° 16.0′	<u>328°</u>				
▲ KAKIS	148° 19				
N30° 29.0′ E120° 08.8′	328°				
N30 25.0 E120 08.8	148°				
▲ NIVIK	38				
N30° 45.7′ E119° 54.7′	328°				
	148°	1 345			
▲ TAPEN	62				
N31° 12.4′ E119° 31.6′	328°				Shanghai ACC
	148°				
▲ GOSRO	48				
N31° 33.4′ E119° 13.3′	<u>328°</u>				
* *I I I I I I I I I I I I I I I I I I	148° 12				
▲*LUPVI N31° 38.7′ E119° 08.6′	323°		_		
N31 36.7 E117 06.0	143°				
▲ OBLAP	5				
N31° 40.8′ E119° 06.5′	323°				
	143°	1 049			
▲ DOGVI	21				
N31° 49.2′ E118° 57.8′	323°				
	143°			↑	
▲ Dajiaochang NDB (A) N31° 59.1′ E118° 47.6′	24			1	
	しんかもせっ/1	こんかも立わる	中占		
*参阅杭州/萧山,南京/禄口机场 *Refer STAR/SID of HANGZHOU					
W 555	/Alaosiiaii aliu IV/	ANJING/LUKOU	i airport.		
VV 333					
▲ Jianqiao NDB (CJ)					
N30° 18.3′ E120° 10.0′	360°				Shanghai ACC
1.55 10.5 1120 10.0	180°	1 118		↓	SSilui I I CC
▲ KAKIS	20	1 110		↑	
N30° 29.0′ E120° 08.8′		I	1	<u>'</u>	
参阅杭州/萧山机场标准仪表进场	/标准仪表离场和				
Refer STAR/SID of HANGZHOU/		•			

	国际	航路 Interna	tional air route	es			
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit		
1	2	3	4	5	6		
W 557 ▲EGEBI							
N36° 47.6′ E112° 56.2′	331° 151°			1	Beijing ACC (Above 7 800m)		
▲*EMVUG N37° 02.2′ E112° 43.9′	33 331° 151°	2 623			Taiyuan ACC (7 800m or below)		
▲ *MULUR N37° 24.9′ E112° 24.7′	51			<u> </u>			
*参阅太原/武宿机场标准仪表进场 *Refer STAR/SID of TAIYUAN/Wi		程序。					
W 558							
▲ Liangcheng NDB (SZ) N40° 31.1′ E112° 29.7′	344°				Beijing ACC (Above 7 800m)		
▲ NIXUR	164° 61	2 905		↓	Hohhot ACC (7 800m or below)		
N41° 02.0′ E112° 14.2′ 参阅呼和浩特/白塔机场标准仪表:	 进场/标准仪表高	离场程序。					
Refer STAR/SID of HOHHOT/Baita	airport.						
W 559							
▲ TODAM N39° 29.5′ E112° 12.1′	004° 184°			1	Beijing ACC (Above 7 800m)		
▲ EGANA N40° 31.7′ E112° 10.0′	115 319°	2 905			Hohhot ACC (7 800m or below)		
▲ Hohhot VOR (HET) N40° 43.5′ E111° 54.0′	139° 32			<u></u>			
参阅呼和浩特/白塔机场标准仪表达 Refer STAR/SID of HOHHOT/Baita		离场程序。		1			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 560					
▲ TODAM N39° 29.5′ E112° 12.1′ ▲ IRVAG	350° 170° 120	2 905		1	Beijing ACC (Above 7 800m) Hohhot ACC
N40° 32.1′ E111° 51.0′ • Hohhot VOR (HET)	016° 196° 22	2 816		1	(7 800m or below)
N40°43.5′E111°54.0′ 参阅呼和浩特/白塔机场标准仪表立 Refer STAR/SID of HOHHOT/Baita		离场程序。			
W 561 ▲PADSA	0.450		T		
N40° 56.8′ E111° 53.9′ ▲ BUTPO N41° 50.2′ E112° 54.2′	045° 225° 130	2 816		1	Beijing ACC (Above 7 800m) Hohhot ACC (7 800m or below)
N41° 50.2′ E112° 54.3′ A Tumurtai VOR (TMR) N41° 50.6′ E113° 09.2′	093° 273° 21	2 378		1	(7 GOOM OF BELOW)
参阅呼和浩特/白塔机场标准仪表达 Refer STAR/SID of HOHHOT/Baita		离场程序。			
W 562 ▲SAKOD					
N38° 40.4′ E115° 09.8′ ▲ NIPES	212° 032° 16			1	Beijing ACC
N38° 32.7′ E115° 04.8′ ▲ Wuji NDB (FL)	212° 032° 37	673		1	
N38° 14.9′ E114° 53.3′ 参阅石家庄/正定机场标准仪表进址 Refer STAR/SID of SHIJIAZHUAN					
W 563	Orznengung all	port.			
▲ Niuling VOR (JCS) N23° 35.9′ E116° 24.7′	005° 185°	2 159		1	Guangzhou ACC
▲ VETIB N24° 09.6′ E116° 26.2′	63			<u> </u>	
参阅揭阳/潮汕机场标准仪表进场/ Refer STAR/SID of JIEYANG/Chao		呈序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 564 ▲ Lanzhou VOR (ZGC)					
N36° 30.9′ E103° 37.5′ ▲ Jingtai VOR (JTA) N37° 11.8′ E104° 04.8′	030° 210° 86	3 915	20	1	Lanzhou ACC
参阅兰州/中川机场标准仪表进场/ Refer STAR/SID of LANZHOU/Zho W 565					
▲ Lanzhou VOR (ZGC) N36° 30.9′ E103° 37.5′ ▲ XIXAN N36° 16.8′ E104° 07.5′	122° 302° 52	3 094	14	↓	Lanzhou ACC
参阅兰州/中川机场标准仪表进场/ Refer STAR/SID of LANZHOU/Zho W 567					
▲ Jinan VOR (YQG) N36° 50.0′ E117° 12.9′	318° 138°	900		↓	Beijing ACC (Above 7 800m) Jinan ACC (7 800m or below)
▲OLRED N37°07.1′E116°49.2′ 参阅济南/遥墙机场标准仪表进场/	47 /标准仪表离场和	呈序。		l l	
Refer STAR/SID of JINAN/Yaoqian W 568	g airport.				
▲ Jinan VOR (YQG) N36° 50.0′ E117° 12.9′ ▲ Dangjiazhuang NDB (DP)	121° 301° 15	1 426		1	Beijing ACC (Above 7 800m) Jinan ACC
N36° 46.4′ E117° 22.2′ ▲ ABTUB	185° 005° 86	2 124		1	(7 800m or below)
N36° 00.0′ E117° 22.1′ 参阅济南/遥墙机场标准仪表进场/ Refer STAR/SID of JINAN/Yaoqian		呈序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 569 ▲ Jinan VOR (YQG)					Beijing ACC (Above 7 800m)
N36° 50.0′ E117° 12.9′ ▲ NOBUP N37° 21.3′ E117° 25.0′	023° 203° 61	900		↓	Jinan ACC (7 800m or below)
参阅济南/遥墙机场标准仪表进场/		呈序。			
Refer STAR/SID of JINAN/Yaoqian W 570	g airport.				
▲ PEDNU N32° 11.3′ E116° 43.7′ ▲ Cha'an VOR (HFC) N32° 04.8′ E116° 46.1′	168° 348° 12 157°	654		↓	Shanghai ACC (Above 7 800m) Hefei ACC
▲ UXALO N31° 41.1′ E117° 00.5′ ▲ KIKEG	337° 50 157° 337° 9	1 197		↑	(7 800m or below)
N31° 36.9′ E117° 03.1′			1		
参阅合肥/新桥机场标准仪表进场/k Refer STAR/SID of HEFEI/Xinqiao		序。			
W 571					
▲ SEGPI N32° 32.0′ E117° 16.0′	228°				
△ AKAMI N32° 15.0′ E116° 57.2′	048° 43 228°			↓	Shanghai ACC (Above 7 800m)
▲ NOKUL	048° 13 228°	943			Hefei ACC (7 800m or below)
N32° 09.8′ E116° 51.4′	048°				

航路代号、重要点名称、坐标	航迹(磁)、	最低飞行高	航路宽度	巡航高度层	
Route designator	距离(千米)	度(米)	(千米)	方向	备注、管制单位
Name of significant points	Track(MAG)		Lateral limits	Direction of	Remarks, Controlling uni
Coordinates	DIST(km)	altitude(m)	(km)	cruising levels	remarks, controlling and
1	2	3	4	5	6
W 573					
▲ VENOS					
N38° 54.2′ E122° 19.6′	283°			\downarrow	Dalian ACC
	103°	1 263		•	
▲ Dalian VOR(DBL) N38° 57.7′ E121° 34.2′	66			<u> </u>	
参阅大连/周水子机场标准仪表进		汤程序。			
Refer STAR/SID of DALIAN/Zhous	shuizi airport.				
W 574					
△ DOBGA					
N38° 24.8′ E121° 27.5′	040°			↓	Dalian ACC
		860		*	
▲ OGIPO	58				
N38° 51.1′ E121° 49.5′					
参阅大连/周水子机场标准仪表进		汤程序。			
Refer STAR/SID of DALIAN/Zhous $W~575$	shuizi anpoit.				
ANRAT	1250	<u> </u>			
N38° 39.5′ E119° 57.4′	<u>135°</u>	600		\downarrow	
▲ LOTGO	22	600			
	109°				
N1386 33 U. E13U6 U0 2.	109				
N38° 32.0′ E120° 09.5′					
N38° 32.0′ E120° 09.5′ ▲ XONIG	10				
	10 109°	002			Dalian ACC
▲ XONIG		802			Dalian ACC
▲ XONIG N38° 31.0′ E120° 16.0′	<u>109°</u>	802			Dalian ACC
▲ XONIG N38° 31.0′ E120° 16.0′ ▲ INTIV N38° 28.5′ E120° 31.2′	109° 22 109°	802			Dalian ACC
▲ XONIG N38° 31.0′ E120° 16.0′ ▲ INTIV	109° 22	802			Dalian ACC
▲ XONIG N38° 31.0′ E120° 16.0′ ▲ INTIV N38° 28.5′ E120° 31.2′ ▲ TANIB	109° 22 109° 50	802 755			Dalian ACC
▲ XONIG N38° 31.0′ E120° 16.0′ ▲ INTIV N38° 28.5′ E120° 31.2′ ▲ TANIB	109° 22 109° 50				Dalian ACC

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 576					
▲EKULI N38° 32.6′ E121° 13.0′	<u>289°</u>			1	
▲BUBLO N38° 38.9′ E120° 35.2′	56 289°	1 065			Dalian ACC
▲ ORAVA N38° 42.6′ E120° 12.4′	34 262°				
▲ ANRAT N38° 39.5′ E119° 57.4′	22	600			
参阅大连/周水子机场标准仪表进场 Refer STAR/SID of DALIAN/Zhousl		汤程序。			
W 577					
▲ Dalian VOR(DBL) N38° 57.7′ E121° 34.2′	149°	1 004		1	Dalian ACC
▲ POVAG N38° 16.7′ E122° 15.1′	96				
参阅大连/周水子机场标准仪表进场 Refer STAR/SID of DALIAN/Zhousl		汤程序 。			
W 578					
▲ Dalian VOR(DBL) N38° 57.7′ E121° 34.2′	<u>221°</u>			1	
▲EKULI N38° 32.6′ E121° 13.0′	56 240°	1 065			Dalian ACC
▲ KARPI N38° 15.0′ E120° 43.0′	54				
参阅大连/周水子机场标准仪表进场 Refer STAR/SID of DALIAN/Zhousl		 汤程序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 579 ▲ SANKO N38° 15.0′ E122° 27.2′ ▲ RUPID N38° 24.5′ E122° 24.7′ ▲ UDETI N38° 41.5′ E122° 09.6′ ▲ OGIPO N38° 51.1′ E121° 49.5′ ▲ Dalian VOR(DBL)	356° 18 333° 38 309° 34 307° 25	600 1 263		↓	Dalian ACC
N38° 57.7′ E121° 34.2′ 参阅大连/周水子机场标准仪表进			11		
Refer STAR/SID of DALIAN/Zhou W 580 ▲ Shiqiu VOR(SNQ) N31° 40.8′ E118° 58.1′ △ SAPIN N31° 33.9′ E119° 04.0′ ▲ TESIG N31° 11.8′ E119° 23.3′ ▲ Jianqiao NDB (CJ) N30° 18.3′ E120° 10.0′	148° 16 148° 51 148° 124	1 470		1	Shanghai ACC
参阅南京/禄口机场标准仪表进场		望序。		<u> </u>	
Refer STAR/SID of NANJING/Luk W 581 A Shiqiu VOR(SNQ) N31° 40.8′ E118° 58.1′ A ESBAG	101° 281° 67	1 058		↓	Shanghai ACC
N31° 37.2′ E119° 40.4′				1	
N31°3/.2 E119°40.4 参阅南京/禄口机场标准仪表进场 Refer STAR/SID of NANJING/Luk		望序。			

	国际:	航路 Interna	ational air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 582					
▲ Benniu NDB (ZJ) N31° 56.5′ E119° 42.6′ ▲ XUTGU N32° 27.8′ E119° 34.5′	353° 173° 60	900		1	Shanghai ACC
参阅常州/奔牛机场标准仪表进场/		锃序。		1.	
Refer STAR/SID of CHANGZHOU/	Benniu airport.				
W 583					
▲ Shuofang VOR(SUF) N31° 29.9′ E120° 25.9′	121° 301°	1 232		1	Shanghai ACC
▲ Jiuting VOR (JTN) N31° 07.4′ E121° 20.5′	96			T	
Refer STAR/SID of WUXI/Shuofang W 584 ▲ Huangping VOR(KHP) N26° 58.4′ E107° 59.5′	<u>262°</u>	2 155		1	
▲ LIKRI N26° 49.1′ E107° 01.3′ ▲ Guiyang VOR(KWE)	98 217° 40	2 300	_		Guiyang ACC
N26° 31.4′ E106° 47.7′	40				
参阅贵阳/龙洞堡机场标准仪表进址 Refer STAR/SID of GUIYANG/Long W 585					
▲ Guiyang VOR(KWE) N26° 31.4′ E106° 47.7′	<u>090°</u>	2 600		1	Guiyang ACC
▲ UGUGU N26° 35.0′ E108° 22.2′	157				
参阅贵阳/龙洞堡机场标准仪表进址 Refer STAR/SID of GUIYANG/Long W 586					
▲ Tongren VOR(TRN) N27° 52.1′ E109° 17.6′	235°	2 149		1	Guiyang ACC
▲ Huangping VOR(KHP) N26° 58.4′ E107° 59.5′	163				

	国际:	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 587 A Penglai VOR(YCS) N37° 40.7′ E121° 00.0′ A IGDEG N38° 00.4′ E120° 48.3′	342° 162° 40	1 099		1	Qingdao ACC
参阅烟台/蓬莱机场标准仪表进场/		呈序。			
Refer STAR/SID of YANTAI/Pengls W 588	ai airport.				
▲ Penglai VOR(YCS) N37° 40.7′ E121° 00.0′ ▲ GUMED N38° 01.0′ E120° 34.3′	323° 143° 53	1 099		1	Qingdao ACC
参阅烟台/蓬莱机场标准仪表进场/ Refer STAR/SID of YANTAI/Pengl: W 589		笙 孑 。 			
▲ Penglai VOR(YCS) N37° 40.7′ E121° 00.0′ ▲ Huangcheng VOR(HCH) N37° 39.3′ E120° 32.6′	274° 094° 40	1 427		1	Qingdao ACC
参阅烟台/蓬莱机场标准仪表进场/		锃序。			
Refer STAR/SID of YANTAI/Pengle W 590 A Penglai VOR(YCS)	а апроп.				
N37° 40.7′ E121° 00.0′ ▲ Tunli NDB (FZ) N37° 27.1′ E121° 10.7′	156° 336° 30	1 253		↓	Qingdao ACC
参阅烟台/蓬莱机场标准仪表进场/ Refer STAR/SID of YANTAI/Pengl		锃序。			

	国际	航路 Interna	tional air route	es	
航路代号、重要点名称、坐标 Route designator Name of significant points Coordinates	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)	巡航高度层 方向 Direction of cruising levels	备注、管制单位 Remarks, Controlling unit
1	2	3	4	5	6
W 591					· ·
▲ Nantong VOR(NTG) N32° 05.8′ E120° 58.7′	188°				Shanghai ACC
▲ XIREM N31° 44.7′ E120° 57.5′	008° 39	707		†	
参阅南通/兴东机场标准仪表进场/ Refer STAR/SID of NANTONG/Xin		程序。			
W 592	guong amport.				
▲ Yangzhou VOR(SJD) N32° 32.7′ E119° 43.6′	315°			1	Shanghai ACC
△NIXEM	135° 69	627		↑	2
N32° 56.5′ E119° 09.6′ 参阅扬州/泰州机场标准仪表进场/ Refer STAR/SID of YANGZHOU/T		望序。			
W 593	_				
▲ Yangzhou VOR(SJD) N32° 32.7′ E119° 43.6′	180°			1	Shanghai ACC
▲ PIMOL N32° 14.8′ E119° 45.7′	360° 33	858		<u>†</u>	
参阅扬州/泰州机场标准仪表进场/ Refer STAR/SID of YANGZHOU/T:		望序。			