ZUGY AD 2.1 机场地名代码和名称 Aerodrome location indicator and name

ZUGY-贵阳/龙洞堡 GUIYANG/Longdongbao

ZUGY AD 2.2 机场地理位置和管理资料 Aerodrome geographical and administrative data

1	机场基准点坐标及其在机场的位置 ARP coordinates and site at AD	N26° 32.2' E106° 48.0' Center of RWY
2	方向、距离 Direction and distance from city	114° GEO, 11km from railway station.
3	标高 / 参考气温 Elevation/Reference temperature	1139m/ 27.6° C (JUL)
4	机场标高位置 / 高程异常 AD ELEV PSN/ geoid undulation	
5	磁差 / 年变率 MAG VAR/Annual change	1° W(1980)
6	机场管理部门、地址、电话、传真、AFS、电子邮箱、网址 AD administration, address, telephone, telefax, AFS, E-mail, website	Guizhou Airport Group CO. LTD. Guiyang Longdongbao Airport, Guizhou 550012, China TEL:86-851-85498024 FAX: 86-851-85497000 AFS:ZUGYYDYX E-mail:gzjcws@cahs.com.cn
7	允许飞行种类 Types of traffic permitted(IFR/VFR)	IFR/VFR
8	机场性质 / 飞行区指标 Military or civil airport & Reference code	Civil/4E
9	备注 Remarks	Nil

ZUGY AD 2.3 工作时间 Operational hours

1	机场当局 (机场开放时间) AD Administration (AD operational hours)	H24
2	海关和移民 Customs and immigration	HS or O/R
3	卫生健康部门 Health and sanitation	HS or O/R
4	航行情报服务讲解室 AIS Briefing Office	HS or O/R
5	空中交通服务报告室 ATS Reporting Office (ARO)	HS or O/R
6	气象讲解室 MET Briefing Office	HS or O/R
7	空中交通服务 ATS	HS or O/R
8	加油 Fuelling	HS or O/R
9	地勤服务 Handling	HS or O/R

10	保安 Security	HS or O/R
11	除冰 De-icing	HS or O/R
12	备注 Remarks	Nil

ZUGY AD 2.4 地勤服务和设施 Handling services and facilities

1	货物装卸设施 Cargo-handling facilities	Container platform lift (7 tons), baggage transporter, platform lorry, container tractor, luggage towing vehicle, fork, etc.
2	燃油 / 滑油牌号 Fuel/oil types	Nr.3 jet fuel --
3	加油设施 / 能力 Fuelling facilities/capacity	refueling tank truck (47000 liters, 45000 liters, 20000 liters) Refueling pipeline truck (17liters/sec); 82 refueling wells on apron.
4	除冰设施 De-icing facilities	De-icer, ground crew vehicle
5	过站航空器机库 Hangar space for visiting aircraft	Nil
6	过站航空器的维修设施 Repair facilities for visiting aircraft	Routine maintenance, other maintenance and spare parts service on request.
7	备注 Remarks	Passenger stairs, shuttle bus, disable vehicle

ZUGY AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	At AD and in the city
2	餐馆 Restaurants	At AD and in the city
3	交通工具 Transportation	Passenger's coaches and taxis
4	医疗设施 Medical facilities	First-aid equipment at AD, hospital in the city
5	银行和邮局 Bank and Post Office	Bank (0100-0900) and Express Mail Service (H24) at AD
6	旅行社 Tourist Office	In the city TEL:86-851-5982377, 86-851-5984989
7	备注 Remarks	Nil

ZUGY AD 2.6 援救与消防服务 Rescue and fire fighting services

1	机场消防等级 AD category for fire fighting	CAT 8
2	援救设备 Rescue equipment	Fire fighting: rapid intervention vehicle, heavy-duty foam tender, water tank truck, disassembly rescue truck, command car, primary foam tender, medicament reinforcement car, dry-chemical tender. Rescue equipments: towing rack, road roller, crane, ground power unit, cutter, expansion plier jack, hydraulic pressure scissor, uplift air cushion, mobile surface operation devices, platform lorry.
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	Nil
4	备注 Remarks	Nil

ZUGY AD 2.7 可用季节 - 扫雪 Seasonal availability-clearing

1	扫雪设备类型 Types of clearing equipment	All seasons Jet snow blowers, snow plough, snow fluid truck
2	扫雪顺序 Clearance priorities	Runway, taxiway and taxi-lane, apron
3	备注 Remarks	Nil

ZUGY AD 2.8 停机坪、滑行道及校正位置数据 Aprons, taxiways and check locations data

1	停机坪道面和强度 Apron surface and strength	Surface:	Cement concrete
		Strength:	PCN 71/R/B/W/T (stands Nr. 304-311, 304L/R, 306L/R, 611, 612, 611L/R, 612L/R) PCN 67/R/B/W/T (stands Nr. 613-617) PCN 65/R/B/W/T (stands Nr. 101-108, 201-206, 204L/R, 206L/R) PCN 63/R/B/W/T (stands Nr. 207-209, 301-303, 601-610) PCN 57/R/B/W/T (stands Nr. 24-27)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	43m: B2; 39m: B3, B5, B6; 34m: A4, B1, B4; 31m: A8; 28.7m: A1; 28.5m: A3, A5, A6; 23m: A.
		Surface:	Cement concrete
		Strength:	PCN 70/R/B/W/T (B, B1-B6) PCN 69/R/B/W/T (A3, A5, A6, A8) PCN 67/R/B/W/T (A) PCN 65/R/B/W/T (A1, A4)
3	高度表校正点的位置及其标高 ACL location and elevation	Nil	
4	VOR/INS 校正点 VOR/INS checkpoints	Nil	
5	备注 Remarks	Width exclude the shoulder	

ZUGY AD 2.9 地面活动引导和管制系统与标识
Surface movement guidance and control system and markings

1	航空器机位号码标记牌、滑行道引导线、航空器目视停靠 / 停放位置引导系统的使用 Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Taxiing guidance signs at all intersections of TWY and RWY and at all holding positions. Guide lines at all TWY and apron. Aircraft stand identification sign board at apron. Marshaller guidance is available for all aircraft.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	THR, RWY designation, TDZ, center circle, center line, edge line, aiming point marking.
		RWY lights	Center line, edge line, THR, RWY end, wing bar.
		TWY markings	Center line, edge line, taxiway holding positions.
		TWY lights	Center line, edge line, taxiway holding positions, rapid exit taxiway center line.
3	停止排灯 Stop bars	Nil	
4	备注 Remarks	Blue apron edge line lights.	

ZUGY AD 2.10 机场障碍物 Aerodrome obstacles

Obstacles within a circle with a radius of 15km centered on RWY center					
序号 Serial Nr.	障碍物类型 (* 代表有灯光) Obstacle type (*Lighted)	磁方位 BRG (MAG)(degree)	距离 DIST(m)	海拔高度 Elevation(m)	影响的飞行程序及起飞航径区 Flight procedure/take-off flight path area affected
1	Antenna	016	1258	1154	
2	MT	021	9000	1345	
3	MT	040	1601	1191	
4	MT	072	5500	1344	RWY01 departure; RWY19 VOR/DME final approach
5	MT	077	10200	1443	
6	MT	082	14400	1657	
7	MT	090	8400	1383	
8	Chimney	091	8939	1463.1	
9	MT	100	10200	1443	
10	MT	119	11750	1458	
11	MT	136	10750	1462	
12	MT	144	13100	1423	
13	MT	165	9750	1445	RWY19 departure
14	MT	173	14600	1496	
15	MT	175	1636	1183	
16	MT	182	13000	1440	
17	MT	200	13250	1403	
18	Antenna	203	1942	1172	
19	MT	216	12500	1362	
20	Antenna	288	5918	1354	
21	BLDG	299	9644	1312.8	
22	TWR	309	9286	1403	
23	Control TWR	315	780	1188	
24	MT	316	6000	1301	
25	MT	323	9850	1321	
26	TWR	327	1396	1174	
Remarks:					

Obstacles between two circles with the radius of 15km and 50km centered on RWY center					
序号 Serial Nr.	障碍物类型 (* 代表有灯光) Obstacle type (*Lighted)	磁方位 BRG (MAG)(degree)	距离 DIST(m)	海拔高度 Elevation(m)	影响的飞行程序及起飞航径区 Flight procedure/take-off flight path area affected
1	MT	010	35000	1535	

Obstacles between two circles with the radius of 15km and 50km centered on RWY center					
序号 Serial Nr.	障碍物类型 (* 代表有灯光) Obstacle type (*Lighted)	磁方位 BRG (MAG)(degree)	距离 DIST(m)	海拔高度 Elevation(m)	影响的飞行程序及起飞航径区 Flight procedure/take-off flight path area affected
2	MT	027	31400	1563	
3	MT	056	153600	1870	MVA
4	MT	082	15600	1649	
5	MT	089	22400	1765	RWY01 arrival
6	MT	095	49800	1666	
7	MT	098	140900	2179	MVA
8	MT	107	45000	1633	
9	MT	108	55000	1803	MVA
10	MT	112	57200	1961	MVA
11	MT	118	28000	1711	
12	MT	128	28800	1707	
13	MT	131	115800	1666	MVA
14	MT	136	29500	1775	Sector,MVA
15	MT	143	18600	1640	
16	MT	147	26200	1673	
17	MT	164	26600	1713	
18	MT	183	19400	1512	RWY01 VOR/DME intermediate approach;
19	MT	187	30000	1656	RWY19 arrival; RWY01 VOR/DME initial approach; RWY01 ILS/DME initial approach
20	MT	224	103800	1680	MVA
21	MT	229	49000	1598	
22	MT	277	116300	2166	MVA
23	MT	289	40600	1763	
24	MT	290	40600	1763	MVA
25	MT	294	40600	1663	
26	MT	299	37600	1572	
27	MT	333	30400	1573	
28	MT	359	24600	1618	
29	MT	360	160200	1840	MVA
Remark: Other obstacles refer to AD OBST Chart.					

ZUGY AD 2.11 提供的气象信息、机场观测与报告

Meteorological information provided & aerodrome observations and reports

1	相关气象室的名称 Associated MET Office	Guizhou ATMB MET Observatory of CAAC
2	气象服务时间、服务时间以外的责任气象室 Hours of service, MET Office outside hours	H24 --

3	负责编发 TAF 的办公室；有效期 Office responsible for TAF preparation,Periods of validity	Guizhou ATMB MET Observatory Forecast Office of CAAC 9HR, 24HR
4	着陆预报类型、发布间隔 Type of landing forecast, Interval of issuance	Trend 1HR
5	所提供的讲解 / 咨询服务 Briefing/consultation provided	P, T
6	飞行文件及其使用语言 Flight documentation, Languages used	Chart, International MET Codes, Abbreviated Plain Language Text Ch, En
7	讲解 / 咨询服务时可利用的图表和其它信息 Charts and other information available for briefing or consultation	Synoptic charts, significant weather charts, upper W/T Charts, satellite and radar material, AWOS Real-time Data.
8	提供信息的辅助设备 Supplementary equipment available for providing information	Fax, MET Service Terminal, SMS
9	接收气象信息的空中交通服务单位 ATS units provided with information	ACC, APP, TWR, ARO
10	观测类型与频率 / 自动观测设备 Type & frequency of observation/ Automatic observation equipment	Hourly plus special observation/Yes
11	气象报告类型及所包含的补充资料 Type of MET Report & supplementary information included	METAR, SPECI, TEND
12	观测系统及位置 Observation System & Site(s)	RVR EQPT: A: 110m E of RCL, 410m inward THR01; B: 110m E of RCL, 1600m inward THR19; C: 110m E of RCL, 410m inward THR19. Ceilometer: 01: 110m E of RCL, 395m inward THR01; 19: 110m E of RCL, 395m inward THR19. SFC Wind sensors: 01: 120m E of RCL, 395m of THR01; 19: 120m E of RCL, 395m of THR19.
13	气象观测系统的工作时间 Hours of operation for meteorological observation system	H24
14	气候资料 Climatological information	Climatological tables AVBL
15	其他信息 Additional information	TEL:86-851-85498197

ZUGY AD 2.12 跑道物理特征 Runway physical characteristics

跑道号码 Designations RWY NR	真方位和磁方位 TRUE & MAG BRG	跑道长宽 Dimensions of RWY (m)	跑道强度 (PCN), 跑道道面 / 停止道道面 RWY strength (PCN), RWY surface/SWY surface	着陆入口坐标及高程异常 THR coordinates and geoid undulation	跑道着陆入口标高，精密进近跑道接地地带最高标高 THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
01	010° GEO 011° MAG	3200 × 45	68/R/B/W/T Concrete	Nil	THR 1139m TDZ 1139m
19	190° GEO 191° MAG	3200 × 45	68/R/B/W/T Concrete	Nil	THR 1137m TDZ 1137m

跑道 - 停止道坡度 Slope of RWY-SWY	停止道长宽 SWY dimensions (m)	净空道长宽 CWY dimensions (m)	升降带长宽 Strip dimensions (m)	无障碍物地带 OFZ	跑道端安全区长宽 RWY end safety area dimensions (m)
7	8	9	10	11	12
- 0.5%(1750)/ 0.5%(1450)	Nil	220 × 150	3320 × 300	Nil	Nil
- 0.5%(1450)/ 0.5%(1750)	Nil	220 × 150	3320 × 300	Nil	Nil
Remarks:RWY shoulder 7.5m.					

ZUGY AD 2.13 公布距离 Declared distances

跑道代号 RWY Designator	可用起飞滑跑距离 TORA (m)	可用起飞距离 TODA (m)	可用加速停止距离 ASDA (m)	可用着陆距离 LDA (m)	备注 Remarks
01	3200	3420	3200	3200	Nil
19	3200	3420	3200	3200	Nil
Remarks:					

ZUGY AD 2.14 进近和跑道灯光 Approach and runway lighting

跑道代号 RWY Designator	进近灯类型、长度、强度 APCH LGT type LEN INTST	入口灯颜色、翼排灯 THR LGT colour WBAR	目视进近坡度指示系统 (跑道入口最低眼高), 精密进近航道指示器 VASIS (MEHT) PAPI	接地地带灯长度 TDZ LGT LEN	跑道中心线灯长度、间隔、颜色、强度 RWY Center line LGT LEN, spacing, colour, INTST	跑道边灯长度、间隔、颜色、强度 RWY edge LGT LEN, spacing, colour, INTST	跑道末端灯颜色 RWY end LGT colour	停止道灯长度、颜色 SWY LGT LEN, colour
1	2	3	4	5	6	7	8	9
01	CAT I 900m* LIH	Green yes	PAPI Left/3°	Nil	3200m** spacing 30m	3200m*** spacing 60m	Red	Nil
19	CAT I 900m* LIH	Green yes	PAPI Left/3°	Nil	3200m** spacing 30m	3200m*** spacing 60m	Red	Nil
Remarks: *SFL **up to 2300m White VRB LIH, 2300-2900m Red/White VRB LIH, 2900-3200m Red VRB LIH ***up to 2600m White VRB LIH, 2600-3200 Yellow VRB LIH.								

ZUGY AD 2.15 其它灯光 , 备份电源 Other lighting, secondary power supply

1	机场灯标 / 识别灯标位置、特性和工作时间 ABN/IBN location, characteristics and hours of operation	Nil
2	着陆方向指示器位置和灯光 ; 风速表位置和灯光 LDI location and LGT, Anemometer location and LGT	Nil
3	滑行道边灯和中心线灯光 TWY edge and center line lighting	Blue edge line lights, green center line lights
4	备份电源 / 转换时间 Secondary power supply/switch-over time	Diesel generator/ 15 sec
5	备注 Remarks	Nil

ZUGY AD 2.16 直升机着陆区域 Helicopter landing area

1	TLOF 坐标或 FATO 入口坐标及高程异常 Coordinates TLOF or THR of FATO Geoid undulation	Nil
2	TLOF 和 / 或 FATO 标高 (m) TLOF and/or FATO elevation (m)	Nil
3	TLOF 和 FATO 区域范围、道面、强度和标志 TLOF and FATO area dimensions,surface, strength, marking	Nil
4	FATO 的真方位和磁方位 True and MAG BRG of FATO	Nil
5	公布距离 Declared distance available	Nil
6	进近灯光和 FATO 灯光 APP and FATO lighting	Nil
7	备注 Remarks	Nil

ZUGY AD 2.17 空中交通服务空域 ATS airspace

名称 Designation	横向界限 Lateral limits	垂直界限 Vertical limits	备注 Remarks
Guiyang tower control area	A circuit, 2 arcs with radius 13km centered at both RWY THR center and 2 parallel lines of 13km from RWY centerline.	SFC-1800m(QNH)	

名称 Designation	横向界限 Lateral limits	垂直界限 Vertical limits	备注 Remarks
Fuel Dumping Area	N270420E1071430- N270420E1072820 -N264200E1073030- N263440E1071430 -N270420E1071430	Above 5100m	
Altimeter setting region and TL/TA	Same as Guiyang APP area.	TL 3600m TA 3000m 3300m(QNH ⩾ 1031hPa) 2700m(QNH ⩽ 979hPa)	

ZUGY AD 2.18 空中交通服务通信设施 ATS communication facilities

服务名称 Service Designation	呼号 Call sign	频率 Frequency (MHz)	工作时间 Hours of operation	备注 Remarks
1	2	3	4	5
ATIS		127.05	H24	
GND	Guiyang Ground	121.6(121.65)	2330-1600(Next day) or by ATC	
APP	Guiyang Approach	126.05 (119.45) AP01	H24	Nil
APP	Guiyang Approach	119.025 (119.45) AP02	BY ATC	Contact ZUGYAP01 when ZUGYAP02 U/S.
APP	Guiyang Approach	120.075 (119.45) AP03	BY ATC	Contact ZUGYAP01 when ZUGYAP03 U/S.
TWR	Guiyang Tower	118.3(118.05)	H24	Nil
EMG		121.5	H24	
DELIVERY	Guiyang Delivery	121.8(121.65)	23:00-16:00 UTC or by ATC	

ZUGY AD 2.19 无线电导航和着陆设施 Radio navigation and landing aids

设施名称和类型 Name and type of aid	识别 ID	频率 Frequency	发射天线位置、坐标 Antenna site coordinates	DME 发射天线标高 Elevation of DME transmitting antenna	备注 Remarks
1	2	3	4	5	6
Guiyang VOR/DME	KWE	114.3MHz CH 90X	N26° 31.4′ E106° 47.7′	1 178m	
Longli NDB	JK	311kHz	N26° 27.7′ E106° 58.8′		7NM-13NM and 17NM-19NM of bearing 202° U/S, 4NM-6NM and 7NM-13NM of bearing 204° U/S, 2NM-3NM of bearing 024° U/S, 2NM-5.5NM of bearing 026° U/S, 15.5NM-17NM of bearing 150° U/S, 10NM-18NM of bearing 180° U/S.

设施名称和类型 Name and type of aid	识别 ID	频率 Frequency	发射天线位置、坐标 Antenna site coordinates	DME 发射天线标高 Elevation of DME transmitting antenna	备注 Remarks
OM 01		75MHz	191° MAG/ 9067m FM RWY 01 THR		
MM 01		75MHz	191° MAG/ 1005m FM RWY 01 THR		
IM 01		75MHz	191° MAG/ 260m FM RWY 01 THR		
LOC 01 ILS CAT I	IGG	111.1MHz	011° MAG/ 220m FM end of RWY 01		
GP 01		331.7MHz	130m E of RCL 348m inwards RWY 01 THR		RDH 16.2m
DME 01	IGG	CH 48X (111.1MHz)		1 140m	Co-located with GP 01
OM 19		75MHz	011° MAG/ 10720m FM RWY 19 THR		CLSD
MM 19		75MHz	011° MAG/ 1150m FM RWY19 THR		CLSD
IM 19		75MHz	011° MAG/ 260m FM RWY 19 THR		
LOC 19 ILS CAT I	IGY	109.3MHz	191° MAG/ 220m FM end of RWY19		
GP 19		332MHz	130m E of RCL 348m inwards RWY 19 THR		RDH 16.2m
DME 19	IGY	CH 30X (109.3MHz)		1 140m	Co-located with GP 19
Remark:					

ZUGY AD 2.20 本场飞行规定

1. 机场使用规定

1.1 所有技术试飞需事先申请，并在得到空中交通管制部门批准后方可进行;

1.2 可使用最大机型：B747-400及其同类机型。

ZUGY AD 2.20 Local traffic regulations

1. Airport operations regulations

1.1 Each and every technical test flight shall be filed in advance and conducted only after clearance has been obtained from ATC ;

1.2 Maximum aircraft to be available: B747-400 and equivalent.

2. 跑道和滑行道的使用

2.1 可以通过地面管制申请引导车和拖车服务;

2.2 使用快速脱离滑行道滑出时的速度限制 93 公里/小时以下;

2. Use of runways and taxiways

2.1 Follow-me vehicle service and towing service is available from GND;

2.2 Speed limits of Rapid Exit TWYs is 93kmH;

2.3 滑行道的滑行限制 /Taxiing limits:

滑行道 /TWYs	航空器翼展限制 /wing span limits for aircraft
B4(west of B), A4(west of B), B6 (When aircraft engine run-up)	⩽ 52m
B1(west of B), B2(west of B), B6, B (between stand Nr.601 and stand Nr.607)	⩽ 36m

3. 机坪和机位的使用

3.1 离场航空器，在开车前5分钟联系塔台管制室报告停机位，申请放行许可；机组收到指令后，5min未执行的，指令取消，机组需再次申请;

3.2 发动机试车，需经塔台许可，并在贵阳现场指挥室指定的地点进行.

3.3 航空器开车、滑行联系贵阳地面管制。

3. Use of aprons and parking stands

3.1 Departing aircraft shall contact Tower Control to report stand and request for departure clearance 5min prior to start-up.If flight crew don't execute in 5min ,clearence canceled and shall be applied again;

3.2 Engine run-up are subject to Tower Control clearance, and it shall be carried out at a location designated by Command Office.

3.3 Contact Guiyang Ground when aircraft start-up and taxi.

3.4 机位使用限制 /Limits for aircraft parking on the following stands:

停机位 /Stands	航空器翼展限制 / Wing span limits for aircraft (m)	机身长度限制 /Fuselage limits (m)
Nr.26, 27	⩽ 24.9	⩽ 36.4
Nr.205, 305	⩽ 28.72	⩽ 36.4
Nr.604, 605	⩽ 28.9	
Nr.24, 25, 104, 105, 204R, 206R	⩽ 36	⩽ 39.5
Nr.201, 209, 204L, 206L, 301, 307-311	⩽ 36	<44.5
Nr.101, 103, 202, 203, 207, 208, 302, 303, 304L/R, 306L/R, 601-603, 606-610, 611L/R, 612L/R, 613-617	⩽ 36	⩽ 45
Nr.108	⩽ 39	<44.5
Nr.106	⩽ 39	⩽ 55
Nr.102, 107	⩽ 52	⩽ 55
Nr.204, 206, 304, 306	⩽ 64.9	⩽ 77

Nr.611, 612	⩽ 64.9	

3.5 机位进出限制 /Limits for aircraft entering and exiting stands:

停机位 /Stands	滑进、滑出方式 /Enter or Exit
Nr. 24-27, 101-108, 201-209, 204L/R, 206L/R, 301-311, 304L/R, 306L/R, 608-617, 611L/R, 612L/R	Taxi in and push back
Nr. 601-607	Taxi in and out
Remarks: 1. Aircrafts parking at adjacent stands shall not move at the same time. 2. Aircrafts which enter into/exit from stand Nr.24-27 shall only taxi via TWY A1. 3. Aircrafts which enter into/exit from stands Nr.204, 204R, 206, 206L, 304, 304R, 306 or 306L shall only taxi via TWY B.	

3.6 航空器不能同时使用的机位 / Stands forbidden to use simultaneously

使用机位 / Stand in use	不能同时使用的机位 / Stands forbidden to be used	使用机位 / Stand in use	不能同时使用的机位 / Stands forbidden to be used
Nr. 204	Nr. 204L and 204R	Nr. 204L or 204R	Nr. 204
Nr. 206	Nr. 206L and 206R	Nr. 206L or 206R	Nr. 206
Nr. 304	Nr. 304L and 304R	Nr. 304L or 304R	Nr. 304
Nr. 306	Nr. 306L and 306R	Nr. 306L or 306R	Nr. 306
Nr. 611	Nr. 611L and 611R	Nr. 611L or 611R	Nr. 611
Nr. 612	Nr. 612L and 612R	Nr. 612L or 612R	Nr. 612

4. 进、离场管制规定

无

4. Air traffic control regulations

Nil

5. 机场的 II/III 类运行

无

5. CAT II/III operations at AD

Nil

6. 除冰规则

无

6. Rules for deicing

Nil

7. 平行跑道同时仪表运行

无

7. Simultaneous operations on parallel runways

Nil

8. 警告

无

8. Warning

Nil

9. 直升机飞行限制，直升机停靠区

无

9. Helicopter operation restrictions and helicopter parking/docking area

Nil

ZUGY AD 2.21 噪音限制规定及减噪程序

ZUGY AD 2.21 Noise restrictions and Noise abatement procedures

无

Nil

ZUGY AD 2.22 飞行程序

ZUGY AD 2.22 Flight procedures

1. 总则

除经贵阳进近或塔台特殊许可外，在贵阳进近管制区和塔台管制区内的飞行，必须按照仪表飞行规则进行。

1. General

Flights within Guiyang Approach Control Area and Tower Control Area shall operate under IFR unless special clearance has been obtained from Guiyang Approach Control or Tower Control.

2. 起落航线

起落航线在跑道两侧均可， A、 B类航空器高度1450-1550(QNH)米， C、 D类航空器高度1650-1750(QNH)米。

2. Traffic circuits

Traffic circuits could be made to both sides of RWY, at the altitude of 1650-1750(QNH)m for aircraft CAT C/D, and 1450-1550m(QNH) for aircraft CAT A/B.

3. 仪表飞行程序

严格按照航图中公布的进、离场程序飞行。如果需要，航空器可在空中交通管制部门指定的航路、导航台或定位点上空等待或做机动飞行。

3. IFR flight procedures

Strictly adherence is required to the relevant arrival/ departure procedures published in the aeronautical charts. Aircraft may, if necessary, hold or maneuver on an airway, over a navigation facility or a fix designated by ATC.

4. 雷达程序和 / 或 ADS-B 程序

4. Radar procedures and/or ADS-B procedures

4.1 贵阳进近管制区域内实施雷达管制。航空器最小水平间隔为10千米。

4.1 Radar control within Guiyang APP has been implemented. The minimum horizontal radar separation is 10km.

4.2 最低监视引导高度扇区 /Surbeillance minimum altitude sectors

Sector 1	ALT limit: 2400m or above
A circle with a radius of 12.5km centered on N271939E1080407	
Sector 2	ALT limit: 2700m or above
ELKAL(N2605.8E10823.8)-N255556E1080532-N261913E1075756-N265350E1082020-ELKAL(N2605.6E10823.8)	
Sector 3	ALT limit: 2350m or above
N264400E1071200-N264049E1072701-N261225E1073308-N260742E1072426-N261705E1071032-N264400E1071200	
Sector 4	ALT limit: 2500m or above
A circle with a radius of 11.5km centered on N262111E1072010	
Sector 5	ALT limit: 2100m or above
N251019E1064304-N253127E1061838-N261454E1063559-N262829E1062054-N263556E1063120-N265330E1063540-N265944E1065249-N265855E1065623-N264400E1071200-N261705E1071032-N260708E1071000-N254118E1073849-N251019E1064304	
Sector 6	ALT limit: 2200m or above
OTLEK(N2811.3E10726.4)-N265852E1081953-N265350E1082020-N261913E1075756-N255556E1080532-N254118E1073849-N260708E1071000-N261705E1071032-N260742E1072426-N261225E1073308-N264049E1072701-N264400E1071200-N265855E1065623-N273848E1064716-OTLEK(N2811.3E10726.4)	
Sector 7	ALT limit: 2200m or above
N260622E1053735-N261837E1060711-N262829E1062054-N261454E1063559-N253127E1061838-N260622E1053735	
Sector 8	ALT limit: 2700m or above
N274452E1055442-N272153E1061411-N265738E1055742-N261837E1060711-N260622E1053735-N260920E1053405-N265530E1054350-N274452E1055442	
Sector 9	ALT limit: 2300m or above
N274452E1055442- OTLEK(N2811.3E10726.4)-N273848E1064716-N265855E1065623-N265944E1065249-N265330E1063540-N263556E1063120-N262829E1062054-N261837E1060711-N265738E1055742-N272153E1061411-N274452E1055442	
Sector 10	ALT limit: 2400m or above
A circle with a radius of 12.0km centered on N275840E1064547	

5. 无线电通信失效程序

5.1 航空器在确定机载通信设备失效后，按照管制员给定的最后一个指令高度沿计划航路飞行至进近区域边界。进入进近区域后，直飞贵阳（KWE）导航台，过台后按照右盘旋程序下降高度至修正气压高度2700m，首次过台后10min退出右盘旋。机组根据通播或风向风速自行选择使用01或19号跑道，并按照标准进近程序，从贵阳（KWE）台出航，自主领航着陆。

5. Radio communication failure procedures

5.1 When an airborne communication equipment failure is confirmed, keep the last altitude assigned by ATC on the planned route to the boundary of APP area. After entering into APP area, fly directly to Guiyang VOR 'KWE', then turn RIGHT and circle down to 2700m(QNH), STOP circling 10 minutes after overflying 'KWE' first time and choose to land on RWY 01 or RWY 19 according to the ATIS information about wind speed and wind direction, strictly follow the relative RWY IAP.

5.2 航空器确定机载通信设备失效后，若已飞越起始进近定位点，则按照标准进近程序自主领航着陆。

5.2 Aircraft having passed through IAF happen to communication failure shall follow the relative RWY IAP to land.

6. 目视飞行程序

无

6. Procedures for VFR flights

Nil

7. 目视飞行航线

无

7. VFR route

Nil

8. 目视参考点

无

8. Visual reference point

Nil

9. 其它规定

无

9. Other regulations

Nil

10. 区域导航飞行程序相关数据

10. Data for RNAV flight procedures

Waypoint list

ID	COORDINATES	ID	COORDINATES
GY401	N263912 E1064925	GY704	N265307 E1065208
GY402	N263941 E1070511	GY705	N264907 E1064242
GY403	N263846 E1071053	GY706	N264630 E1065912
GY404	N263339 E1074219	GY707	N265827 E1065310
GY407	N265155 E1064635	GY708	N265710 E1070119
GY408	N262911 E1064008	GY709	N265151 E1070014
GY501	N262521 E1064643	GY710	N264436 E1071104
GY502	N263252 E1072311	GY711	N263353 E1065642
GY503	N261904 E1070107	GY712	N262805 E1065533
GY504	N262639 E1070428	GY713	N262043 E1074046
GY603	N261649 E1064504	KWE	N2631.4 E10647.7
GY604	N261531 E1065306	QNX	N2702.5 E10601.8
GY605	N261129 E1064402	AGTIS	N2722.1 E10645.0

GY606	N261011 E1065204	BIPIP	N2712.0 E10622.5
GY608	N261150 E1071552	ESNIB	N2614.1 E10752.8
GY609	N263119 E1064739	MEMAG	N2728.5 E10659.2
GY610	N264851 E1065939	UGUGU	N2635.0 E10822.2
GY703	N264746 E1065105	IDEPO	N2542.9 E10740.7

Waypoint sequence for RWY 01 departure

AGTIS-09D	(CF)GY401 Fly over point MAX 380kmH +3.8%	(DF)GY407 Left turn direction	AGTIS	
BIPIP-09D	(CF)GY401 Fly over point MAX 380kmH +3.8%	(DF)GY407 Left turn direction	BIPIP	
ESNIB-09D	(CF)GY401 Fly over point MAX 380kmH +3.8%	(DF)GY402 Right turn direction	GY403	ESNIB
UGUGU-09D	(CF)GY401 Fly over point MAX 380kmH +3.8%	(DF)GY402 Right turn direction	GY404	UGUGU
IDEPO-09D	(CF)GY401 Fly over point MAX 380kmH +3.8%	(DF)GY402 Right turn direction	GY503	IDEPO

Waypoint sequence for RWY 19 departure

AGTIS-19D	(CF)GY501 Fly over point MAX 380kmH +4.1%	(DF)GY408 Right turn direction	GY705	AGTIS
BIPIP-19D	(CF)GY501 Fly over point MAX 380kmH +4.1%	(DF)GY408 Right turn direction	GY705	BIPIP
ESNIB-19D	(CF)GY501 Fly over point MAX 380kmH +4.1%	(DF)GY503 Left turn direction	ESNIB	

UGUGU-19D	(CF)GY501 Fly over point MAX 380kmH +4.1%	(DF)GY504 Left turn direction	GY502	UGUGU
IDEPO-19D	(CF)GY501 Fly over point MAX 380kmH +4.1%	(DF)GY503 Left turn direction	IDEPO	

Waypoint sequence for RWY 01 arrival

ESNIB-08A	(IF) ESNIB	GY608 ↑ 3000	GY604	GY606	GY605 2400 MAX 380kmH	GY603 2100
ESNIB-09A	(IF) ESNIB	GY608 ↑ 3000	GY604 2400 MAX 380kmH	GY603 2100		
KHP-09A	(IF) KHP	GY610 ↑ 3600	GY604 2400 MAX 380kmH	GY603 2100		
MEMAG-09A	(IF) MEMAG	GY610 ↑ 3600	GY604 2400 MAX 380kmH	GY603 2100		
QNX-09A	(IF) QNX	GY609 ↑ 3000	GY712	GY604 2400 MAX 380kmH	GY603 2100	

Waypoint sequence for RWY01 holding procedure(outbound time 1 minute)

(HM) GY610	3600	Fly over point	191° (inbound angel)	Left turn direction
(HM) GY608	3000	Fly over point	281° (inbound angel)	Right turn direction

Waypoint sequence for RWY 19 arrival

ESNIB-18A	(IF) ESNIB	GY713 ↑ 3600	GY712	GY706	GY709 (by ATC)	GY708	GY707 2400 MAX 380km H	GY704 (by ATC)	GY703 2100

ESNIB-19A	(IF) ESNIB	GY713 ↑ 3600	GY712	GY706 2400 M A X 380kmH	GY703 2100				
KHP-19A	(IF) KHP	GY710 ↑ 2700	GY706 2400 M A X 380kmH	GY703 2100					
MEMAG-19A	(IF) MEMAG	GY707 2400 MAX 380kmH	GY703 2100						
QNX-18A	(IF) QNX	GY609 ↑ 3000	GY711 ↑ 2700	GY706 2400 M A X 380kmH	GY703 2100				
QNX-19A	(IF)QNX	GY705 2400 MAX 380kmH	GY703 2100						

Waypoint sequence for RWY19 holding procedure(outbound time 1 minute)

(HM) GY710	2700	Fly over point	281° (inbound angel)	Left turn direction
(HM) GY711	2700	Fly over point	011° (inbound angel)	Left turn direction

Notes: The path code is TF except special explanation. Navigation performance is RNP1.

ZUGY AD 2.23 其它资料

全年有鸟类活动。机场当局采取了驱赶措施，鸟的活动情况如下:

ZUGY AD 2.23 Other information

Activities of bird flocks are found in the whole year. Aerodrome Authority resorts to dispersal methods to reduce bird activities.

The details of bird activities as follows:

Bird name	Time of activity	Flight height within AD
Hawk	All seasons	10-80m
Eagle	All seasons	80-200m
Pheasant	Feb.-Mar, Oct.-Nov	15-40m