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

ZSQZ-泉州/晋江 QUANZHOU/Jinjiang

ZSQZ 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	N24° 47.9' E118° 35.3' Center of RWY
2	方向、距离 Direction and distance from city	146° GEO, 2.25km from city center
3	标高 / 参考气温 Elevation/Reference temperature	6.3m/ 32.2° 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	4° W/2.9'W(2012)
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	Quanzhou Jinjiang International Airport, Fujian province, China TEL: 86-595-85628602 FAX: 86-595-85688540 AFS: ZSQZZXZX website: www.qzair.com E-mail: zjlbgs@qzair.com
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/4D
9	备注 Remarks	Nil

ZSQZ 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	Not Applicable
12	备注 Remarks	Nil

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

1	货物装卸设施 Cargo-handling facilities	Platform lift, baggage transporter, trailer truck
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 truck (20000 liters): 15 liters/sec
4	除冰设施 De-icing facilities	Nil
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	Line maintenance avilable
7	备注 Remarks	Ground power unit, ground air unit， boarding power unit(400Hz) and Pre-Conditioned Air(PCA) unit on stands Nr.12 and Nr.13

ZSQZ AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	In the city
2	餐馆 Restaurants	At AD and in the city
3	交通工具 Transportation	Passenger's coaches, taxis, bus
4	医疗设施 Medical facilities	First-aid at AD, hospital in the city
5	银行和邮局 Bank and Post Office	Bank at AD, post office in the city
6	旅行社 Tourist Office	At AD TEL: 86-595-85628282
7	备注 Remarks	Nil

ZSQZ 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 7
2	援救设备 Rescue equipment	Rapid intervention vehicle, primary foam tender， medium/heavy foam truck, heavy-duty water tank truck, portable fire pump, command car, logistic support van, illumination truck, dry-chenical tender
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	Tractor (available for series of B757 and below), Traction rack (available for series of B737 and A320), mobile surface, steel cable
4	备注 Remarks	Nil

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

1	扫雪设备类型 Types of clearing equipment	Not applicable
2	扫雪顺序 Clearance priorities	Not applicable
3	备注 Remarks	Nil

ZSQZ 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 72/R/B/W/T(Nr.2 apron) PCN 70/R/B/W/T(south apron) PCN 63/R/B/W/T(Nr.1 apron) PCN 62/R/B/W/T(north apron)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	23 m: A, A2, A3, A5. 31m: A6. 34m: A1.
		Surface:	Cement concrete
		Strength:	PCN 72/R/B/W/T(A(A1-A5)) PCN 70/R/B/W/T(A(A5-A6).A5.A6) PCN 63/R/B/W/T(A2.A3) PCN 62/R/B/W/T(A1)
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	Nil	

ZSQZ 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 intersections of TWY A, A1-A3, A5, A6 and RWY, and at all holding positions; Guide lines at TWY A, A1-A3, A5, A6, Nr.1&2 apron and north apron; Aircraft stand identification sign board at 1&2 apron; Visual guidance system at stands Nr.3-15, while marshaller for others.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	RWY designations, center line, THR, center circle, aiming point, TDZ, edge line, RWY turn pad marking
		RWY lights	Center line, edge line, THR, RWY end
		TWY markings	Center line, edge line, holding position
		TWY lights	Edge line, RWY guard lights(TWYs A1-A3, A5)
3	停止排灯 Stop bars	Nil	
4	备注 Remarks	Blue apron edge lights, TWY identification signs	

ZSQZ 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	BLDG	011	8376	215	RWY21 final approach
2	MT	012	15322	286	RWY 03 Missed approach
3	BLDG	016	7490	150	
4	BLDG	017	8120	180	RWY 21 Final approach
5	MT	022	11556	131.6	RWY 21 ILS/DME final approach
6	BLDG	023	2093	34.1	
7	BLDG	026	2620	29.2	
8	BLDG	026	2370	24.7	
9	BLDG	028	2589	29.1	
10	BLDG	029	2523	27.9	
11	BLDG	030	2384	24.5	Take-off path
12	BLDG	031	1552	9.8	
13	* BLDG	033	9367	134.5	
14	MT	033	12649	126	
15	BLDG	037	2598	29.4	Take-off path
16	MT	041	11770	126.5	
17	MT	139	11817	229.6	
18	MT	170	5125	90.9	CAT A/B Circling
19	MT	187	7603	174.4	CAT C/D Circling
20	BLDG	199	9387	124	RWY03 NDB/DME final approach
21	BLDG	208	2384	30.8	Take-off path
22	BLDG	220	10848	105.7	
23	BLDG	221	2633	35.4	
24	BLDG	221	2650	40.4	
25	* BLDG	224	1021	8.7	
26	* BLDG	224	1106	8.7	
27	* BLDG	225	926	8.7	
28	MT	232	5985	65	

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
29	* BLDG	240	4045	83.5	RWY 03/GP INOP, VOR/DME, NDB/DME final approach
30	MT	244	8386	263	
31	MT	245	9897	305	RWY03 initial approach; RWY 21 Missed approach; RWY 21 Departure.
32	* Antenna	245	595	35.4	RWY 03 ILS/DME final approach
33	* BLDG	252	4668	73.6	
34	MT	253	7149	259.2	
35	* BLDG	255	4392	77	
36	MT	262	5269	239.5	
37	BLDG	270	3414	95.1	
38	MT	289	4804	140.5	
39	* BLDG	290	2858	110	
40	MT	291	11581	108.1	
41	* BLDG	294	3194	118	
42	* BLDG	295	2106	102.4	
43	* Antenna	301	136	14	
44	* BLDG	301	3066	118.7	
45	* BLDG	302	2282	102.8	
46	* BLDG	304	3652	135	
47	* BLDG	309	2838	116	
48	* BLDG	312	3103	125	
49	* BLDG	319	1673	81.7	
50	* BLDG	327	1790	77.3	
51	MT	327	13992	517.8	RWY03 initial approach, RWY21 Holding.
52	* BLDG	337	4392	102	
53	* BLDG	341	2195	85	
54	* BLDG	354	2794	83.3	RWY 21/GP INOP, VOR/DME, NDB/DME final approach
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	003	21191	531	
2	MT	003	22519	615	RWY03 Holding,Arrival. RWY21 RNAV initial approach.
3	MT	009	17781	496	RWY 21 initial approach.
4	MT	010	17770	423	RWY21 intermediate approach
5	MT	011	34225	673	RWY21 initial approach
6	MT	012	35875	759	RNAV Arrival, RWY21 RNAV initial approach.
7	MT	014	52875	835	Arrival, RWY21 Holding, MSA
8	MT	017	28543	493	RWY21 RNAV initial approach
9	MT	020	20333	149	RWY21 intermediate approach
10	MT	020	31864	505	RWY21 initial approach
11	MT	029	40677	798	RWY21 RNAV Arrival
12	MT	033	35744	390	RWY21 RNAV initial approach
13	MT	041	23069	158	RWY21 RNAV initial approach
14	MT	053	28259	251	RWY21 RNAV initial approach
15	MT	195	17260	124	RWY03 intermediate approach
16	MT	236	26206	426	RWY21 RNAV initial approach
17	MT	245	29257	516	RNAV Arrival, MSA.
18	MT	265	29480	565	RWY03 initial approach, RWY21 Arrival.
19	MT	285	31333	714	RWY21 RNAV Arrival
20	MT	288	44940	1175	MSA
21	MT	302	47415	935	
22	MT	320	46124	845	
Remark: Other obstacles refer to AD OBST chart.					

ZSQZ 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	Quanzhou Jinjiang International Aerodrome MET Office
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	Jinjiang Aerodrome Forecast Office 9 HR,24 HR; 3HR, 6HR
4	着陆预报类型、发布间隔 Type of landing forecast, Interval of issuance	Trend 1 HR; 2 HR
5	所提供的讲解 / 咨询服务 Briefing/consultation provided	Weather forecast, live, important MET information, flight MET documentation, etc.
6	飞行文件及其使用语言 Flight documentation, Languages used	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, satellite chart, en-route forecast chart and radar material
8	提供信息的辅助设备 Supplementary equipment available for providing information	MET Service Terminal, plotting instrument, printer
9	接收气象信息的空中交通服务单位 ATS units provided with information	Quanzhou Jinjiang International Aerodrome MET Office
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)	SFC wind sensors: Near GP Ceilometer: Near GP
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	Nil

ZSQZ 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
03	030° GEO 034° MAG	2600 × 50	63/R/B/W/T Concrete	Nil	THR 6.3m --
21	210° GEO 214° MAG	2600 × 50	63/R/B/W/T Concrete	Nil	THR 4.8m --
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
-0.06%	Nil	Nil	2720 × 300	Nil	130 × 150m
0.06%	Nil	Nil	2720 × 300	Nil	110 × 150m
Remarks:					

ZSQZ 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
03	2600	2600	2600	2600	Nil
21	2600	2600	2600	2600	Nil
Remarks:					

ZSQZ 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
03	CAT I* 840m LIH	Green Yes	PAPI Left/3° 19m	Nil	2600m** spacing 30m	2600m*** spacing 60m	Red	Nil
21	SALS 420m LIH	Green Yes	PAPI Left/3° 18m	Nil	2600m** spacing 30m	2600m*** spacing 60m	Red	Nil
Remarks:*SFL ** 0-1700m White VRB LIH, 1700-2300m Red/White VRB LIH, 2300-2600m Red VRB LIH *** 0-2000m White VRB LIH, 2000-2600m Yellow VRB LIH								

ZSQZ 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	see AD Chart
3	滑行道边灯和中心线灯光 TWY edge and center line lighting	Blue TWY edge line lights
4	备份电源 / 转换时间 Secondary power supply/switch-over time	Diesel engine driven generator / 15 sec
5	备注 Remarks	Nil

ZSQZ 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

ZSQZ 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
Jinjiang tower control area	By ATC	SFC-2100m MSL	
Altimeter setting region and TL/TA	N250010E1173200- N251900E1181730- N245400E1190000- N243730E1184030- N243730E1182530- N240630E1175220- N240000E1174120- N243030E1172140- N250010E1173200 (Xia'men APP control area)	TL3600 TA3000 2700(QNH ⩽ 979hPa) 3300(QNH ⩾ 1031 hPa)	Refer to ZSQZ AD2.22 item 1.3.

ZSQZ 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
TWR	Jinjiang Tower	118.05 (130.0)	H24	Nil
ATIS		126.825MHz	H24	

服务名称 Service Designation	呼号 Call sign	频率 Frequency (MHz)	工作时间 Hours of operation	备注 Remarks
OP-CTL	Jinjiang Operation	128.95	H24	

ZSQZ 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
Jinjiang VOR/DME	JNJ	117.0MHz CH 117X	N24° 48.1′ E118° 35.8′ 400m inward THR21,200m E of RCL	16m	Beyond 15NM on R150° - R235° clockwise U/S
LMM 03	D	405kHz	214° MAG/ 900m FM THR03		Beyond 3NM on bearing 191° U/S;BTN 1NM-5NM, beyond 9.5NM on bearing 070° U/S, Beyond 3NM on bearing 188° (Holding procedure)U/S
LOC 03 ILS CAT I	IDD	111.7MHz	034° MAG/ 285m FM end RWY 03		Beyond 11NM of front course U/S.
GP 03		333.5MHz	120m E of RCL,320m inwards THR03		Beyond 9.3NM U/S; Angle 3° , RDH 15m
DME 03	IDD	CH 54X (111.7MHz)		10m	Co-located with GP 03
LOM 21	OJ	212kHz	034° MAG/ 7000m FM THR21		U/S.
LMM 21	O	438kHz	034° MAG / 918m FM THR21		Beyond 4NM on bearing 214° U/S
LOC 21 ILS CAT I	IJZ	108.7MHz	214° MAG / 350m FM end RWY21		Beyond 22° rightside of front course U/S.
GP 21		330.5MHz	130m E of RCL,300m inwards THR21		Angle 3° , RDH 15m

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
DME 21	IJZ	CH 24X (108.7MHz)		10m	Co-located with GP 21
Remarks:					

ZSQZ AD 2.20 本场飞行规定

1. 机场使用规定

1.1 除经特别批准，禁止未安装二次雷达应答机的航空器起降;

1.2 航空器从 03 号跑道起飞左转出航需要提前向管制员申请;

1.3 经由福清VOR/DME (FQG)进出晋江机场的航班，飞行动态电报加发福州进近管制室，收电地址为ZSFZZAZX。

2. 跑道和滑行道的使用

2.1 A4滑行道不提供使用。

2.2 翼展 36-52m 的航空器在跑道端掉头时，航空器前鼻轮转向角应不小于55°转向;

2.3 着陆航空器进入停机坪前，由引导车引导到停机位，若塔台的滑行指令与引导车的指示不一致时，以塔台指令为准。

2.4 A1、A2、A3、A6滑行道限翼展47.57m（含）以下机型使用，A、A5滑行道限翼展36m（含）以下机型使用。

2.5 北机坪 30 号隔离机位停放航空器时，A滑行道（A1-A2段）关闭。

3. 机坪和机位的使用

ZSQZ AD 2.20 Local traffic regulations

1. Airport operations regulations

1.1 Takeoff/landing of aircraft without SSR transponder are forbidden, except pre-permitted by relative authority;

1.2 A/C take-off from RWY03 and turn left shall apply for controller clearance in advance;

1.3 Flight movement messages relating to aircraft inbound/ outbound to Jinjiang airport via FUQING VOR/DME (FQG), shall add the address of Fuzhou APP: ZSFZZAZX.

2. Use of runways and taxiways

2.1 TWY A4 U/S.

2.2 While aircraft with wing span 36m-52m turning around at the end of the RWY, the steering angle of front wheels shall be not less than 55° ;

2.3 Landing aircraft shall follow the follow-me vehicle to the parking stands before entering apron; When any conflicts exist between controller's instructions and guidance of the follow-me vehicle, follow the controller's instructions.

2.4 Aircraft use TWYs A1,A2,A3,A6 that wing span limits ⩽ 47.57m and TWYs A,A5 wing span limits ⩽ 36m.

2.5 When aircraft parking on Nr.30 stand (isolate), TWY A(A1-A2 segment) closed.

3. Use of aprons and parking stands

3.1 发动机试车需经塔台管制许可，发动机试大车时需在指定的2号和12号停机位进行，对应2号和12号停机位后的滑行路线关闭，滑行路线两端设立警告标志牌，严禁在廊桥附近试大车；

3.1 Engine run-ups are subject to Tower Control clearance, and can only be carried out on stand Nr.2 and Nr.12, the taxiing lines behind stand Nr.2 and Nr.12 will be closed, and two warning sign board will be set at both ends of the closed part of taxiing line. Fast engine run-ups near boarding bridges are strictly forbidden;

3.2 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	机身长度限制 / Fuselage limits	滑进、滑出方式 /Enter or Exit
Nr.1、 2、 4-12、 15	⩽ 35.79m	⩽ 44.51m	taxi in and push back
Nr.3	⩽ 38.05m	⩽ 54.43m	taxi in and push back
Nr.13、 14	⩽ 47.57m	⩽ 54.94m	taxi in and push back
Nr.30	⩽ 47.57m	⩽ 54.94m	taxi in and taxi out
Nr.31-40	⩽ 36m	⩽ 39.5m	taxi in and push back

3.3 停放在2号停机坪（31-40号机位）的航空器需推出至A滑行道上开车。

3.3 Aircraftparking on apronNr.2 (stands Nr.31-40) shall pushed back on TWY A to start-up.

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

8.1 凡来本场着陆的航空器，要特别注意调谐电台，准确辨别信号及特点，正确判断机上罗盘指示，防止误入其他地区上空;

8.2 使用 03 号跑道进近的航空器，应严格保持好飞行航迹和高度，禁止超越限制线。参见进近图。

8. Warning

8.1 Pilot of arriving aircraft shall exercise extreme cautions when tuning the aerodrome frequencies and shall identify the right channel; pilot shall also make the right decision according to the indications of the airborne electronic equipment to avoid entering into other areas;

8.2 Aircraft approaching to RWY03 shall keep flight path and altitude strictly and no aircraft is permitted to cross over the limited line. Refer to the IACs.

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

ZSQZ AD 2.21 噪音限制规定及减噪程序

无

ZSQZ AD 2.21 Noise restrictions and Noise abatement procedures

Nil

ZSQZ AD 2.22 飞行程序

1. 总则

1.1 除经塔台特殊许可外，在塔台管制区内的飞行，必须按照仪表飞行规则进行。
1.2 本场可使用 PBN 飞行程序和传统飞行程序。PBN 飞行程序高度表拨正值使用修正海压（QNH），传统飞行程序高度表拨正值使用场面气压 （QFE）。实际运行中听从ATC 指挥。

ZSQZ AD 2.22 Flight procedures

1. General

1.1 Flights within Tower Control Area shall operate under IFR unless special clearance has been obtained from Tower Control.
1.2 Both PBN flight procedures and conventional flight procdures can be operated in Quanzhou Airport. When using PBN flight procedures, Altimeter setting should based on QNH. When using conventional flight procdures, Altimeter setting should based on QFE. Follow ATC instruction during the flight.

1.3 高度表拨正 /Altimeter setting

Departure/Arrival	Type of Flight Procedure	ALT/HGT(m)	Altimeter Setting
Departure	Conventional	⩾ 1800	Xia'men QNH
	PBN		
	Conventional	<(1800)	Quanzhou QFE or by ATC
	PBN	<1800	Quanzhou QNH or by ATC

Arrival	Conventional	⩾ 2100	Xia'men QNH
	PBN		
	Conventional	<(2100)	Quanzhou QFE or by ATC
	PBN	<2100	Quanzhou QNH or by ATC

2. 起落航线

起落航线在跑道东侧进行， C、 D类航空器高度500米， A、 B类航空器高度300米。

2. Traffic circuits

Traffic circuits shall be made to the east of runway, at the altitude of 500m for aircraft CAT C/D, and 300m for aircraft CAT A/B.

3. 仪表飞行程序

严格按照航图中公布的进、离场程序和ENR2.2.3中公布的有关规定飞行。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

Strict adherence is required to the relevant arrival/departure procedures published in the aeronautical charts and the relevant regulations published in subsection ENR2.2.3. 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

无

4. Radar procedures and/or ADS-B procedures

Nil

5. 无线电通信失效程序

5.1 航空器通信失效

5.1.1 如果航空器具备信号接收能力，根据接收到的管制指令继续飞行;

5.1.2 如果航空器不具备信号接收能力，航空器应按照下列特定的进近程序继续进近并尽快落地；如果本场不具备落地条件，飞行员可自行决定返航或者备降;

a. 航空器按照最后接收到的管制员指令高度，如果已经获得落地许可，则按照给定的进近程序着陆;

5. Radio communication failure procedures

5.1 Aircraft communication failure

5.1.1 If the radio receiver available, aircraft shall follow the instruction to fly;

5.1.2 If the radio receiver not available, aircraft shall continue to approach according to the following specific procedures as soon as possible; If condition of airport is not available for landing, the flight crew should decide to return or alternate by themselves;

a. According to the last command ALT， aircraft should approach and land according to the given approach procedure if landing clearance has approved;

b. 航空器按照最后接收到的管制员指令高度，如果未获得落地许可，则直飞JNJ，若过JNJ高度高于1500米，则加入等待程序，下降到1500（含）米以下按照仪表进近图着陆；若过 JNJ 高度低于1500（含）米以下，则直接按仪表进近图着陆；

b.According to the last command ALT，if landing clearance is not approved, aircraft should direct to JNJ, if the altitude over JNJ is higher 1500m, then join the holding procedure, descend to 1500m, approach and land according to instrument approach procedure; if the altitude over JNJ is lower 1500m, then direct approach and land according to instrument approach procedure;

5.2 本场通信失效

本场无线电收发功能失效，航空器无法与管制单位建立有效的通讯联系时，航空器应联系上一管制单位，并按照接收管制单位的管制指令继续飞行;

5.2 Aerodrome communication failure

If aircraft cannot establish communication with the aerodrome control unit, aircraft shall contact the previous control unit, and follow the instruction to continue;

5.3 无线电通信恢复

失去通信联络的航空器已经着陆，或者已经恢复联络的，可恢复正常的管制运行，并立即通知相关管制单位。

5.3 Radio communication return to normal

It is available to resume activities when the aircraft that lose touch via Communication Channel has landed or get in touch again. Inform the ATC office immediately.

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 Coordinates

Waypoint ID	COORDINATES	Waypoint ID	COORDINATES
AM121	N242115 E1175850	QZ305	N250212 E1183938

AM125	N241800 E1175343	QZ307	N250425 E1184832
AM231	N243715 E1182053	QZ308	N244702 E1181550
AM405	N245914 E1180825	QZ309	N245546 E1182549
QZ102	N244321 E1183228	QZ311	N250300 E1183407
QZ103	N243927 E1182958	QZ314	N250049 E1183812
QZ105	N244115 E1181841	QZ316	N245914 E1182115
QZ106	N244211 E1182452	QZ317	N243649 E1180752
QZ107	N245147 E1183101	QZ502	N244036 E1183735
QZ108	N243643 E1183505	FQG	N2544.4 E11923.1
QZ109	N244444 E1184014	JNJ	N2448.1 E11835.8
QZ110	N245552 E1184725	XLN	N2433.9 E11800.9
QZ111	N245233 E1182207	ATSAB	N2505.6 E11837.1
QZ112	N243812 E1182449	ENVEN	N2520.5 E11855.1
QZ113	N245155 E1184452	GORMU	N2452.6 E11809.1
QZ303	N245837 E1184218	NUSPA	N2403.2 E11737.9

RWY03 SID Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
FQG-61X								
CA			034		706			RNP1
DF	ATSAB			L	↑ 1506	MAX350		RNP1
TF	ENVEN							RNP1
TF	FQG							RNP1
FQG-63X(by ATC)								
CA			034		706			RNP1
DF	QZ307			R	↑ 1506	MAX350		RNP1
TF	FQG							RNP1
FQG-65X								
CA			034		706			RNP1
DF	QZ309			L	↑ 1506	MAX350		RNP1
TF	QZ316				1800			RNP1
TF	AM405				1800			RNP1
TF	GORMU							RNP1
TF	QZ111				↑ 3600			RNP1
TF	ATSAB							RNP1
TF	ENVEN							RNP1
TF	FQG							RNP1
NUS-61X								
CA			034		706			RNP1

CF	QZ502			R	↑ 1506	MAX350		RNP1
TF	AM231				↑ 1506			RNP1
TF	AM121							RNP1
TF	AM125							RNP1
TF	NUSPA							RNP1
NUS-63X								
CA			034		706			RNP1
DF	AM231			L	↑ 1506			RNP1
TF	AM121							RNP1
TF	AM125							RNP1
TF	NUSPA							RNP1
XLN-61X								
CA			034		706			RNP1
DF	QZ309			L	↑ 1506	MAX350		RNP1
TF	XLN							RNP1

RWY21 SID Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
FQG-62X								
CF	QZ102		214					RNP1
TF	QZ502					MAX350		RNP1
TF	QZ109				↑ 906			RNP1
TF	ATSAB				↑ 2100			RNP1
TF	ENVEN							RNP1
TF	FQG							RNP1
FQG-64X(by ATC)								
CF	QZ102		214					RNP1
TF	QZ502					MAX350		RNP1
TF	QZ109				↑ 906			RNP1
TF	QZ307				↑ 2100			RNP1
TF	FQG							RNP1
FQG-66X								
CA			214		406			RNP1
DF	QZ309			R	↑ 1506	MAX350		RNP1
TF	ATSAB				↑ 2100			RNP1
TF	ENVEN							RNP1
TF	FQG							RNP1
FQG-68X								
CA			214		406			RNP1

DF	QZ309			R	↑ 1506	MAX350		RNP1
TF	QZ316				1800			RNP1
TF	AM405				1800			RNP1
TF	GORMU							RNP1
TF	QZ111				↑ 3600			RNP1
TF	ATSAB							RNP1
TF	ENVEN							RNP1
TF	FQG							RNP1
NUS-62X								
CF	QZ103		214					RNP1
TF	AM231				↑ 1106	MAX350		RNP1
TF	AM121							RNP1
TF	AM125							RNP1
TF	NUSPA							RNP1
NUS-64X								
CF	QZ102		214					RNP1
TF	QZ502					MAX350		RNP1
TF	QZ109				↑ 906			RNP1
TF	JNJ				↑ 1206			RNP1
TF	QZ103							RNP1
TF	AM231							RNP1
TF	AM121							RNP1
TF	AM125							RNP1
TF	NUSPA							RNP1
XLN-62X								
CF	QZ102		214					RNP1
TF	QZ105				↑ 1206	MAX350		RNP1
TF	QZ317				↑ 1800			RNP1
TF	XLN							RNP1
XLN-64X								
CF	QZ102		214					RNP1
TF	QZ502					MAX350		RNP1
TF	QZ109				↑ 906			RNP1
TF	JNJ				↑ 1206			RNP1
TF	QZ102							RNP1
TF	QZ105							RNP1
TF	QZ317							RNP1
TF	XLN							RNP1

RWY03 STAR Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
FQG-51F								
IF	FQG							RNP1
TF	ENVEN							RNP1
TF	ATSAB				↑ 1806			RNP1
TF	QZ107				1506			RNP1
TF	QZ106				906	MAX380		RNP1
FQG-53F								
IF	FQG							RNP1
TF	ENVEN							RNP1
TF	ATSAB				↑ 1806			RNP1
TF	QZ109				1506	MAX380		RNP1
FQG-55F								
IF	FQG							RNP1
TF	ENVEN							RNP1
TF	ATSAB							RNP1
TF	QZ308							RNP1
HM	QZ308	Y	050	L	1806	MAX400		RNP1
TF	QZ309				1806			RNP1
TF	QZ107				1506			RNP1
TF	QZ106				906	MAX380		RNP1
XLN-51F								
IF	XLN							RNP1
TF	QZ106				906	MAX380		RNP1
XLN-53F								
IF	XLN							RNP1
TF	QZ309				1806			RNP1
TF	QZ107				1506			RNP1
TF	QZ106				906	MAX380		RNP1
XLN-55F								
IF	XLN							RNP1
TF	AM231				1206	MAX380		RNP1
NUS-51F								
IF	NUSPA							RNP1
TF	AM125							RNP1
TF	AM121							RNP1
TF	AM231				1206	MAX380		RNP1

RWY21 STAR Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
FQG-52F								
IF	FQG							RNP1
TF	ENVEN							RNP1
TF	ATSAB				1506	MAX380		RNP1
FQG-54F(by ATC)								
IF	FQG							RNP1
TF	QZ307				1506	MAX380		RNP1
FQG-56F								
IF	FQG							RNP1
TF	ENVEN							RNP1
TF	ATSAB							RNP1
TF	QZ308							RNP1
HM	QZ308	Y	050	L	1806	MAX400		RNP1
TF	QZ309				1806			RNP1
TF	QZ311				1506	MAX380		RNP1
XLN-52F								
IF	XLN							RNP1
TF	QZ309				1806			RNP1
TF	QZ311				1506	MAX380		RNP1
XLN-54F								
IF	XLN							RNP1
TF	QZ105				1806			RNP1
TF	JNJ							RNP1
TF	QZ113				1506	MAX380		RNP1

RWY03 Transition Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
FQG-51F,FQG-55F,XLN-51F,XLN-53F								
IF	QZ106				906	MAX380		RNP1
TF	QZ103				606			RNP1
FQG-53F								
IF	QZ109				1506	MAX380		RNP1
TF	QZ108				906			RNP1
TF	QZ103				606			RNP1
XLN-55F,NUS-51F								
IF	AM231				1206	MAX380		RNP1

TF	QZ112				906			RNP1
TF	QZ103				606			RNP1

RWY21 Transition Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
FQG-52F								
IF	ATSAB				1506	MAX380		RNP1
TF	QZ305				1206			RNP1
TF	QZ303				↑ 855			RNP1
FQG-54F(by ATC)								
IF	QZ307				1506	MAX380		RNP1
TF	QZ303				↑ 855			RNP1
FQG-56F,XLN-52F								
IF	QZ311				1506	MAX380		RNP1
TF	QZ314				↑ 1206			RNP1
TF	QZ303				↑ 855			RNP1
XLN-54F								
IF	QZ113				1506	MAX380		RNP1
TF	QZ110				1206			RNP1
TF	QZ303				↑ 855			RNP1

RWY03 Holding Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
Holding (outbound time:1 minute)								
HM	ATSAB	Y	230	R	2100	MAX400		RNP1
HM	QZ109	Y	214	L	1806	MAX400		RNP1
HM	QZ107	Y	214	L	1806	MAX400		RNP1
HM	QZ308	Y	050	L	1806	MAX400		RNP1

RWY21 Holding Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
Holding (outbound time:1 minute)								
HM	ATSAB	Y	230	R	1806	MAX400		RNP1
HM	QZ113	Y	034	R	1806	MAX400		RNP1
HM	QZ303	Y	214	L	1205	MAX400		RNP1
HM	QZ308	Y	050	L	1806	MAX400		RNP1

ZSQZ AD 2.23 其它资料

机场飞行区内有鸟类活动，飞行高度为0-100米，机场使用驱鸟设备和人工驱赶，请机组注意。

ZSQZ AD 2.23 Other information

Aerodrome Authority resorts to dispersal methods with dispersal equipment or manual works to reduce bird activities。 Activities of birds in aerodrome area: flying height is 0-100m.