ZSQZ AD 2.1 机场地名代码和名称 Aerodrome location indicator(ICAO / IATA) and name

ZSQZ/JJN-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	机场基准点与城市的位置关系 Direction and distance from city	146 °GEO, 2.25km from city center
3	机场标高、基准温度、低温均值 ELEV/Reference temperature/Mean low temperature	6.3 m/33.5℃(JUL)/10.3℃(JAN)
4	机场标高位置的大地水准面波幅 Geoid undulation at AD ELEV PSN	
5	磁差（测量年份）及年变率 VAR(Year)/Annual change	4°31′W(2024)/-2.1′
6	机场管理部门、地址、电话、传真、AFS 地址、电子邮箱、网址 AD administration/Address/Telephone/Telefax/ AFS/ E-mail/Website	Quanzhou Jinjiang International Airport CO.LTD. He Ping Zhong Lu Nr.118, Jinjiang City, Fujian Province, China Post code:362200 TEL:86-595-85628778/85628779 FAX:86-595-85688540 AFS:ZSQZZXZX E-mail:zjlbgs@qzair.com Website:www.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	机场开放时间 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	航空情报服务讲解室 AIS Briefing Office	HS or O/R

5	空中交通服务报告室 ATS Reporting Office	HS or O/R
6	气象服务讲解室 MET Briefing Office	HS or O/R
7	空中交通服务 Air Traffic Service	HS or O/R
8	加油服务 Fuelling	HS or O/R
9	地勤服务 Handling	HS or O/R
10	安保服务 Security	HS or O/R
11	除冰服务 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	燃油牌号 Fuel types	Jet Fuel No.3
3	滑油牌号 Oil types	Nil
4	加油设施/能力 Fuelling facilities & Capacity	Refueling truck(20000L-25000L): 10L/s-20L/s
5	除冰设施 De-icing facilities	Nil
6	过站航空器机库 Hangar space for visiting aircraft	Nil
7	过站航空器的维修设施 Repair facilities for visiting aircraft	Line maintenance AVBL
8	备注 Remarks	Ground power unit, ground air unit, stands Nr.1-11, 13 and 14 can provide bridge equipment(400Hz), stands Nr.1-15 can provide external air condiitioner for aircraft.

ZSQZ AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	In the city
2	餐饮 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 and Post Office in the city
6	旅行社 Tourist Office	At AD TEL: 86-595-85620114
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, heavy foam 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	MTWA up to B767-300 and below Mobile surface, tractor, traction rack, steel cable, steel plate
4	备注 Remarks	Nil

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

1	可用季节及扫雪设备类型 Seasonal availability/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	道面 Surface	CONC
		强度 Strength	PCR 680/R/A/W/T : Nr.1 apron(stand Nr.18E), Nr.1 apron(stands Nr.17-25) PCR 620/R/A/W/T : North Apron, South Apron PCR 610/R/A/W/T : Nr.2 apron(stands Nr.31-40) PCR 590/R/A/W/T : Nr.1 apron(stands Nr.1-15)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	宽度 Width	34m : A1 31m : A6 23m : A, A2, A3, A5

		道面 Surface	CONC
		强度 Strength	PCR 670/R/A/W/T : A(A5-A6), A1, A3, A6 PCR 600/R/A/W/T : A(A1-A5) PCR 580/R/A/W/T : A2, A5
3	高度表校正点的位置及其标高 ACL location and elevation	Nil	
4	VOR 校正点 VOR checkpoints	Nil	
5	INS 校正点 INS checkpoints	Nil	
6	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. Taxiing guidance signs at all holding positions. Aircraft stand identification sign boards at stands Nr. 1-15, 17-25, 31-40. Guide lines at all TWYs. Guide lines at all aprons. Visual docking guidance system at aircraft stands Nr. 3-15, Marshalling assistance for other aircraft stands.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	跑道标志 RWY markings	THR, RWY designation, edge line, RWY center line, TDZ, aiming point
		跑道灯光 RWY lights	RTHL, WBAR, REDL, RCLL, RENL
		滑行道标志 TWY markings	Edge line, center line, No-entry, RWY holding position, intermediate holding position
		滑行道灯光 TWY lights	Edge line lights, center line lights
3	停止排灯和跑道警戒灯 Stop bars and runway guard lights	Runway guard lights: A1-A3, A5, A6	
4	其它跑道保护措施 Other runway protection measures	Nil	
5	备注 Remarks	RWY turn pad marking TWY identification signs BLUE apron edge line lights	

ZSQZ AD 2.10 机场障碍物 Aerodrome obstacles

半径 15 千米内主要障碍物 (相对 03/21 跑道中心) Obstacles within a circle with a radius of 15km (centered on the center of RWY 03/21)					
障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(°)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志，灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
1	2	3	4	5	6
BLDG 001	BLDG	012/8376	188.2	LGT	
BLDG 002	BLDG	017/7490	119.8	LGT	
BLDG 003	BLDG	018/8120	149.9	LGT	RWY21 VOR/DME final approach
MT 004	MT	023/11556	131.6		
BLDG 005	BLDG	024/2093	34.1		
BLDG 006	BLDG	027/2620	29.2		
BLDG 007	BLDG	029/2589	29.1		
BLDG 008	BLDG	030/2523	27.9		RWY03 Take-off path
BLDG 009	BLDG	031/2384	24.5		RWY03 Take-off path
BLDG 010	BLDG	032/1552	9.8		RWY03 Take-off path
Bridge 011	Bridge	034/9367	134.5	LGT	RWY03 Take-off path RWY21 GP INOP final approach
MT 012	MT	034/12649	126		
BLDG 013	BLDG	035/5872	79	LGT	RWY03 Take-off path
BLDG 014	BLDG	038/2598	29.4		RWY21 GP INOP final approach RWY03 Take-off path

半径 15 千米内主要障碍物 (相对 03/21 跑道中心)
Obstacles within a circle with a radius of 15km (centered on the center of RWY 03/21)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(°)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志，灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
MT 015	MT	042/11770	126.5		
Bridge 016	Bridge	077/12010	162.6	LGT	
MT 017	MT	140/11817	229.6		
MT 018	MT	171/5125	90.9		Circling CAT A/B
MT 019	MT	188/7603	174.4		Circling CAT C/D
BLDG 020	BLDG	200/9387	124	LGT	
BLDG 021	BLDG	209/2384	30.8		RWY21 Take-off path
BLDG 022	BLDG	210/2247	23.6		RWY21 Take-off path
BLDG 023	BLDG	215/4242	49.5		RWY21 Take-off path
BLDG 024	BLDG	215/8905	133.6	LGT	RWY03 GP INOP, VOR/DME final approach RWY21 Take-off path
BLDG 025	BLDG	216/4180	47.1		RWY21 Take-off path
BLDG 026	BLDG	218/8685	124.9	LGT	RWY21 Take-off path
BLDG 027	BLDG	220/2068	20.1		RWY21 Take-off path
MT 028	MT	221/10848	105.7		
BLDG 029	BLDG	222/2650	40.4		

半径 15 千米内主要障碍物 (相对 03/21 跑道中心)

Obstacles within a circle with a radius of 15km (centered on the center of RWY 03/21)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(º)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志，灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
MT 030	MT	233/5985	65		
BLDG 031	BLDG	241/4045	83.5	LGT	RWY03 GP INOP, VOR/DME final approach
Antenna 032	Antenna	244/600	35.4	LGT	RWY03 ILS/DME approach
MT 033	MT	245/8386	263		
MT 034	MT	246/9897	305		RWY03 traditional initial approach; RWY21 RNP departure
BLDG 035	BLDG	253/4668	73.6	LGT	
MT 036	MT	254/7149	259.2		
BLDG 037	BLDG	256/4392	77	LGT	
MT 038	MT	263/5269	239.5		
BLDG 039	BLDG	271/3414	95.1	LGT	
MT 040	MT	290/4804	140.5		
BLDG 041	BLDG	291/2858	110	LGT	
MT 042	MT	292/11581	108.1		
BLDG 043	BLDG	295/3194	118	LGT	
BLDG 044	BLDG	296/2106	102.4	LGT	
Antenna 045	Antenna	302/136	14	LGT	

半径 15 千米内主要障碍物 (相对 03/21 跑道中心)

Obstacles within a circle with a radius of 15km (centered on the center of RWY 03/21)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(°)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志，灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
BLDG 046	BLDG	302/3066	118.7	LGT	
BLDG 047	BLDG	303/2282	102.8	LGT	
BLDG 048	BLDG	305/3652	135	LGT	
BLDG 049	BLDG	308/3242	145	LGT	
BLDG 050	BLDG	313/3103	125	LGT	
BLDG 051	BLDG	320/1673	81.7	LGT	
Antenna 052	Antenna	324/14350	536.7	LGT	RWY03 holding
BLDG 053	BLDG	328/1790	77.3	LGT	
MT 054	MT	328/13992	517.8		
BLDG 055	BLDG	338/4392	102	LGT	
BLDG 056	BLDG	342/2195	85	LGT	
BLDG 057	BLDG	355/2794	83.3	LGT	RWY21 VOR/DME final approach

半径 15 千米-50 千米内主要障碍物 (相对 03/21 跑道中心)

Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 03/21)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(°)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志、灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks

半径 15 千米-50 千米内主要障碍物 (相对 03/21 跑道中心)

Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 03/21)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(º)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志、灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
MT 058	MT	004/21191	531		
MT 059	MT	004/22519	615		RWY03 arrival, holding
MT 060	MT	010/17781	496		RWY03 RNP departure, RWY21 traditional initial approach
MT 061	MT	011/17770	423		
MT 062	MT	012/34225	673		RWY21 traditional and RNP initial approach
MT 063	MT	013/15322	286		
MT 064	MT	013/35875	759		
MT 065	MT	015/52875	835		180°-260°sector
MT 066	MT	018/28543	493		
MT 067	MT	021/20333	149		
MT 068	MT	021/31864	505		
MT 069	MT	030/40677	798		
MT 070	MT	034/35744	390		
MT 071	MT	042/23069	158		
MT 072	MT	054/28259	251		
STACK 073	STACK	120/17929	245		

半径 15 千米-50 千米内主要障碍物 (相对 03/21 跑道中心)
Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 03/21)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(º)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志、灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
MT 074	MT	196/17260	124		RWY03 traditional intermediate approach
MT 075	MT	237/26206	426		RWY03 traditional and RNP initial approach
MT 076	MT	246/29257	516		260°-064°sector
MT 077	MT	266/29480	565		
WINDMILL 078	WINDMILL	281/36084	1075		
MT 079	MT	286/31333	714		
WINDMILL 080	WINDMILL	288/45687	1286		064°-180°sector
MT 081	MT	289/44940	1175		
WINDMILL 082	WINDMILL	289/45499	1196		
MT 083	MT	303/47415	935		
MT 084	MT	321/46124	845		

Remarks:

ZSQZ AD 2.11 提供的气象情报、气象观测和报告
Meteorological information provided & meteorological observations and reports

提供的气象情报 Meteorological information provided		
1	相关气象台的名称 Associated MET Office	Quanzhou Jinjiang International Airport MET Office
2	气象服务时间、服务时间以外的责任气象台 Hours of service/MET Office outside hours	H24
3	负责编发 TAF 的气象台、有效时段、发布间隔 Office responsible for TAF preparation/Periods of validity/Interval of issuance	Jinjiang Airport Forecast Office 9 HR,24 HR;9h, 24h;3h, 6h
4	趋势预报及发布间隔 Trend forecast/Interval of issuance	trend 2h, 1h
5	所提供的讲解或咨询服务 Briefing/Consultation provided	Nil
6	飞行文件及其使用语言 Flight documentation/Language(s) used	Ch,En
7	讲解或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	Nil
8	提供气象情报的辅助设备 Supplementary equipment available for providing information	MET Service Terminal, plotting instrument, printer
9	提供气象情报的空中交通服务单位 ATS units provided with information	Nil
10	其他信息 Additional information	MET Service TEL: 86-595-85628832
气象观测和报告 Meteorological observations and reports		
1	机场观测类型与频率、自动观测设备 Type & frequency of observation /Automatic observation equipment	Hourly plus special observation/Yes
2	气象报告类型及所包含的补充资料 Type of MET Report/Supplementary information included	METAR, SPECI
3	观测系统及安装位置 Observation system/Site(s)	RVR EQPT A: 110m E of RCL, 330m inward THR03 B: 110m E of RCL, 1320m inward THR21 C: 110m E of RCL, 340m inward THR21

		SFC wind sensors 120m E of RCL, 1200m inward THR21 Ceilometer RWY03: 10m E of RCL, 905m outward THR RWY21: 10m E of RCL, 905m outward THR
4	观测系统的工作时间 Hours of operation for meteorological observation system	H24
5	气候资料 Climatological information	Climatological tables AVBL
6	其他信息 Additional information	Nil

ZSQZ AD 2.12 跑道物理特征 Runway physical characteristics

跑道号码 RWY Designator	真方位和磁方位 TRUE & MAG BRG	跑道长宽 Dimensions of RWY(m)	跑道强度、跑道和停止道道面 RWY strength/ Surface of RWY /SWY	跑道入口坐标、跑道末端坐标、跑道入口大地水准面波幅 THR coordinates & RWY end coordinates & THR geoid undulation	跑道入口标高和精密进近跑道接地带最高标高 THR elevation & highest elevation of TDZ of precision APP RWY	跑道和停止道坡度 Slope of RWY/SWY
1	2	3	4	5	6	7
03	030 °GEO 035 °MAG	2600×50	PCR 640/R/A/W/T CONC/-	Nil	THR 6.3m	-0.06%
21	210 °GEO 215 °MAG	2600×50	PCR 640/R/A/W/T CONC/-	Nil	THR 4.8m	0.06%

跑道号码 RWY Designator	停止道长宽 SWY dimensions (m)	净空道长宽 CWY dimensions (m)	升降带长宽 Strip dimensions (m)	跑道端安全区长宽 RESA dimensions (m)	拦阻系统的位置及描述 Location& Description of arresting system	无障碍物区 OFZ
1	8	9	10	11	12	13
03	Nil	Nil	2720×300	125×150	Nil	Nil
21	Nil	Nil	2720×300	95×150	Nil	Nil
Remarks:						

ZSQZ AD 2.13 公布距离 Declared distances

跑道号码 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
1	2	3	4	5	6
03	2600	2600	2600	2600	Nil
21	2600	2600	2600	2600	Nil

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

跑道号码 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类型、位置、仰角、跑道入口最低眼高 Type of VASIS/Position /Angle/MEHT	接地带灯长度 TDZ LGT LEN	跑道中线灯长度、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	PALS CAT I SFL 840 m LIH	GREEN Yes	PAPI LEFT 393m inward THR03 3° 19m	Nil	2600 m spacing 30m 0-1700m, WHITE 1700-2300m, RED/WHITE 2300-2600m, RED VRB LIH	2600 m spacing 60m 0-2000m, WHITE 2000-2600m, YELLOW VRB LIH	RED	Nil
21	SALS 420 m LIH	GREEN Yes	PAPI LEFT 373m inward THR21 3° 18m	Nil	2600 m spacing 30m 0-1700m, WHITE 1700-2300m, RED/WHITE 2300-2600m, RED VRB LIH	2600 m spacing 60m 0-2000m, WHITE 2000-2600m, YELLOW VRB LIH	RED	Nil
Remarks:								

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

1	机场灯标或识别灯标位置、特性和工作时间 ABN/IBN location, characteristics and hours of operation	Nil
2	着陆方向标和风向标位置和灯光 LDI/ WDI location and LGT	WDI: 03:105m E of RCL, 275m inward THR, LGT; 21:105m E of RCL, 235m inward THR, LGT.

3	滑行道边灯和滑行道中线灯 TWY edge and center line lighting	All TWYs: green center line lights, blue edge line lights
4	备份电源及转换时间 Secondary power supply/Switch-over time	Diesel engine driven generator/15s
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 入口坐标及大地水准面波幅 Coordinates TLOF or THR of FATO, Geoid undulation	Nil
2	TLOF 和（或）FATO 标高 TLOF and/or FATO elevation	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

空域名称和水平范围 Designation and lateral limits		垂直范围 Vertical limits	空域分类 Airspace class	空中交通服务单位呼号和使用语言 ATS unit callsign Language	工作时间 Hours of applicability	备注 Remarks
1	2	3	4	5	6	7
TWR control area	N243710E1184019-N243742E1182538-N245747E1182253-N245700E1184500-N243710E1184019	Below 900m (exclusive) (QNH)				

空域名称和水平范围 Designation and lateral limits		垂直范围 Vertical limits	空域分类 Airspace class	空中交通服务单位呼号和使用语言 ATS unit callsign Language	工作时间 Hours of applicability	备注 Remarks
1	2	3	4	5	6	7
Altimeter setting region and TH	Jinjiang Tower control area	TH (900)				Refer to ZSQZ AD2.22 item 1.3.
Altimeter setting region and TL/TA	Xiamen Approach control area	TL 3600 TA 3000 3300(QNH≥1031hPa) 2700(QNH≤979hPa)				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 Callsign	频率 Frequency (MHz)	卫星话音通信号码 SATVOICE number	登录地址 Logon address	工作时间 Hours of operation	备注 Remarks
1	2	3	4	5	6	7
ATIS		126.825			H24	D-ATIS available
APP	Jinjiang Approach	119.175 (120.025)			by ATC	Contact Jinjiang Tower when APP U/S.
TWR	Jinjiang Tower	118.05 (130.0)			H24	
GND	Jinjiang Ground	121.625			by ATC	Contact Jinjiang Tower when GND U/S.
EMG		121.5			H24	

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

设施名称及类型、磁差、支持运行类别、VOR/ILS 磁偏角 Name and type of aid, VAR,Type of supported OPS, Declination of VOR/ILS	识别 ID	频率、波道 Frequency/ Channel number	工作时间 Hours of operation	发射天线坐标及相对位置 Coordinates of transmitting antenna/ Position	DME 发射天线标高 Elevation of DME transmitting antenna	备注 Remarks
1	2	3	4	5	6	7
Jinjiang VOR/DME	JNJ	117.0 MHz CH 117X	H24	N24°48.1′ E118°35.8′ 200m E of RCL, 400m inward THR21	16 m	Beyond 15NM on R150°-R235° clockwise U/S.
LMM 03	D	405 kHz		215°MAG/900m FM THR03		U/S
LOC 03 ILS CAT I	IDD	111.7 MHz		035°MAG/285m FM RWY03 end		Beyond 11NM of front course U/S
GP 03		333.5 MHz		120m E of RCL, 320m inside THR03		Angle 3° RDH 15m Beyond 9.3NM U/S
DME 03	IDD	CH 54X (111.7 MHz)			10m	Co-located with GP 03
LOM 21	OJ	212 kHz		035°MAG/7000m FM THR21		U/S
LMM 21	O	438 kHz		035°MAG/918m FM THR21		U/S
LOC 21 ILS CAT I	IJZ	108.7 MHz		215°MAG/350m FM RWY21 end		Beyond 5°rightside BTN 17NM & 25NM of front course U/S
GP 21		330.5 MHz		130m E of RCL, 300m inside THR21		Angle 3° RDH 15m
DME 21	IJZ	CH 24X (108.7 MHz)			10m	Co-located with GP 21

ZSQZ AD 2.20 本场规定

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。

ZSQZ AD 2.20 Local aerodrome regulations

1.Airport operations regulations

1.1 Take-off/landing of aircraft without SSR transponder are forbidden, except pre-permitted by relative authority.

1.2 经由 ENVEN/DOVPU 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。

1.2 Aircraft departure/arrival Quanzhou airport via ENVEN/DOVPU, flight movement messages are sent synchronously to the Fuzhou APP. AFS is ZSFZZAZX.

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。

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.

1.4 本场适用机型为 B767-300 及以下机型。

1.4 Maximum aircraft to be AVBL: B767-300 and equivalent.

2. 跑道和滑行道的使用

2. Use of runways and taxiways

2.1 滑行道 A4 不提供使用。

2.1 TWY A4 U/S.

2.2 滑行道使用限制

2.2 Use of TWY

滑行道/TWYs	航空器翼展限制（m）/Wing span limits for aircraft(m)
A1-A3, A6	≤47.6
A, A5	≤36

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。

2.3 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 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；

2.4 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°;

2.5 北机坪隔离机位 50 停放航空器时，滑行道 A(A1-A2 段)关闭。

2.5 When aircraft parking on isolate stand Nr.50, TWY A(A1-A2 segment) closed.

2.6 对机组的要求:推出时应向塔台证实所使用跑道、推出方向。

2.6 The flight crew shall confirm RWY number and push-back direction to TWR control when push back.

3. 机坪和机位的使用

3. Use of aprons and parking stands

3.1 停机位使用限制:

3.1 Limits for aircraft parking on the following stands

停机位编号/Stands Nr.	翼展限制（m）/Wing span limits(m)	机身长度限制（m）/Fuselage limits(m)	进出方式/Enter or Exit
13, 14	≤47.6	≤55	Taxi in, Push back
50	≤47.6	≤55	Taxi in, Taxi out
1	≤42	≤55	Taxi in, Push back
3	≤38.05	≤55	Taxi in, Push back
2, 11, 12, 15	≤36	≤48	Taxi in, Push back
22-25	≤36	≤46.5	Taxi in, Push back
17-21	≤36	≤41	Taxi in, Push back
31-40	≤36	≤39.5	Taxi in, Push back
4-10	≤35.8	≤50	Taxi in, Push back
18E	≤30.4	≤36	Taxi in, Taxi out

注：停机位 50 为隔离停机位；停机位 1、2 停放翼展≤30.4m，停机位 21、23 停放翼展≤24m 的航空器时，允许自滑进出；停机位 18E 和停机位 18 为组合机位，航空器不能同时使用。

Remark: Stand Nr.50 is isolated stand. Taxiing in and out by itself are permitted when aircraft with wing span ≤30.4m parking at stands Nr. 1, 2, and wing span ≤24m parking at stands Nr. 21, 23. Stands Nr.18 and Nr.18E are combined stands, they can not be used simultaneously.

3.2 机坪滑行线 T1、T2 限翼展 47.6m（含）以下机型使用。

3.2 Taxilines T1 and T2 are available for aircraft with wing span not exceeding 47.6m.

3.3 航空器停机位由机场运控中心统一分配，航空器

3.3 All aircraft stands are allocated by AOC, pilot should

驾驶员在机场地面保障期间应守听晋江现场（频率：128.95MHz）。

keep on the FREQ: 128.95MHz during ground operation.

3.4 航空器试车规定：航空器试车需预先征得机场运控中心同意后，方可在指定位置进行。航空器试大车需经塔台许可；试大车时对应影响区域范围内禁止任何施工生产作业，所涉及相关滑行线路和保障车道关闭。试车单位必须安排专人负责试车现场的安全监控，设置足够醒目的“试车危险区”警示标志，以防止人员和车辆进入试车危险区。

3.4 Aircraft engine run-ups should apply to AOC in advance, and carry out on the designated stand; Fast engine run-ups is subject to TWR clearance, any construction and production operations are prohibited within the affected area, the relevant taxi routes and the lane will be closed. Fast engine run-ups unit must arrange a special person to be responsible for the safety monitoring of the test. Set up warning signs"Engine run-ups dangerous area" to prevent people and vehicles from entering the test area.

3.5 为降低碳排放及噪音，航空器在安装了桥载设备的停机位停靠保障期间应关闭 APU，使用 APU 替代设备（400Hz 桥载电源和航空器外接地面空调设备），以下情况除外：

3.5 In order to reduce carbon emissions and noise, all aircraft docked with bridge equipment shall turn off APU and use APU alternative equipment(boarding power unit(400Hz) and Pre-Conditioned Air(PCA) units). Except for the following circumstances:

3.5.1 机场不能提供有效的 APU 替代设备服务；

3.5.1 Bridge equipment is unavailable;

3.5.2 航空器进行 APU 的检修检测活动；

3.5.2 APU is under maintenance;

3.5.3 航空器因启动发动机而需开启 APU；

3.5.3 Aircraft needs APU to start up engine;

3.5.4 遇到影响航班安全、正常运行的特殊情形，例如极端天气、专机保障、航班过站时间不足等有关情况。

3.5.4 In case of exceptional circumstances influencing the operation safety, such as xetreme weather, special plane support, insufficient flight transition time.

3.6 桥载设备具体参数

3.6 Detail parameters as follows:

停机位(Stands)	400Hz 桥载电源型号 功率(kVA)	适用机型 Applicable aircraft	地面空调型号 功率(kVA) Model of ground air	适用机型 Applicable aircraft

	Model of boarding power unit(500Hz) supply(kVA)		conditioner	
1, 3, 13, 14	Power Coil (90kVA)	B767-300 and below	FEAT-D-T3 (115kVA)	B767-300 and below
2, 4-11			FEAT-C-T3 (100kVA)	wing span ≤36m
12, 15	-	-	SF-075DG-DL (106kVA)	B737MAX and below

3.7 提供数字化放行系统（DCL）服务

3.7.1 航空器驾驶员应优先使用数字化放行系统（DCL）向空中交通管制部门申请放行许可；

3.7.2 当 DCL 无法完成放行许可的申请或发布时，将转为语音方式申请或发布放行许可；

3.7.3 航空器驾驶员应向 DCL 报文中“NEXT FREQ”语音复诵所接收到的放行许可和 QNH。

3.7 Provide DCL service

3.7.1 Aircraft should give priority to apply for delivery clearance from ATC by DCL.

3.7.2 When DCL fails to complete the application or permit, it will be converted to voice to apply or issue the release permit.

3.7.3 Aircraft should repeat delivery clearance and QNH to DCL(NEXT FREQ).

4. 低能见度运行

无

4. Low visibility operation

Nil

5. 直升机飞行限制，直升机停靠区

无

5. Helicopter operation restrictions and helicopter parking/docking area

Nil

6. 警告

6.1 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。

6. Warning

6.1 Pilot of arriving aircraft shall exercise extreme cautions when turning 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.

6.2 使用 03 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。

6.2 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.

ZSQZ AD 2.21 减噪程序

无

ZSQZ AD 2.21 Noise abatement procedures

Nil

ZSQZ AD 2.22 飞行程序

ZSQZ AD 2.22 Flight procedures

1. 总则

1. General

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。

1.1 Flights within Tower Control Area shall operate under IFR unless special clearance has been obtained from Tower Control.

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。

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

1.3 Altimeter setting

Departure/Arrival	Type of Flight Procedure	ALT/HGT(m)	Altimeter Setting
Departure	Conventional	≥1800	Xiamen(ZSAM) QNH
	PBN		
	PBN	<1800	Quanzhou(ZSQZ) QNH or by ATC
	Conventional	900(inclusive) -	Quanzhou(ZSQZ) QNH

		1800(exclusive)	or by ATC
	Conventional	<(900)	Quanzhou(ZSQZ) QFE or by ATC
Arrival	Conventional	≥2100	Xiamen(ZSAM) QNH
	PBN		
	PBN	<2100	Quanzhou(ZSQZ) QNH or by ATC
	Conventional	900(inclusive) - 2100(exclusive)	Quanzhou(ZSQZ) QNH or by ATC
	Conventional	<(900)	Quanzhou(ZSQZ) QFE or by ATC

1.4 空域受到限制时，航空器将根据管制指令控制在A470 航路以西，ATSAB 附近空域等待。

1.4 When the airspace is restricted, the aircraft should hold at west of A470, ATSAB nearby airspace with the controller's instructions.

1.5 厦门进近有调配要求时，塔台会按其要求指令航空器保持某个指定航迹离场，具体听从管制员指令。

1.5 When there is an allocation requirement for Xiamen APP, TWR should instruct the aircraft to keep a designated trajectory to departure, and follow the controller's instructions.

2. 起落航线

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

2. Traffic circuits

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

3. 仪表飞行程序

3.1 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

3.1 Strict 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.

3.2 等待程序详见标准仪表进场图和仪表进近图。

3.2 Refer to STARs and IACs for Holding procedures.

3.3 进、离场规定

3.3 Rules of arrival/departure

仪表飞行：见标准仪表进、离场图。

See STAR/SID.

3.4 优先着陆

3.4 Priority landing

实施优先着陆的航空器，经管制员允许后，进场飞行由 ATC 实施具体指挥。进近按仪表进近程序进近着陆，使用 03 号跑道不得延长五边飞行。

It's available to take priority landing with ATC clearance and carry out with ATC instructions. Approach according to IAC, and do not make extended final when using RWY03.

4. 雷达程序和/或 ADS-B 程序

4. Radar procedures and/or ADS-B procedures

4.1 晋江进近管制区内实施 ADS-B 管制。

4.1 ADS-B control within Jinjiang APP has been implemented.

4.2 ADS-B 管制间隔：最小水平间隔 10km。

4.2 The minimum horizontal ADS-B separation is 10km.

4.3 ADS-B 管制规定

4.3 ADS-B service requirements

4.3.1 具备 ADS-B 能力的航空器：应按要求检查 ADS-B 下行数据，如三字码公司代号，输入高度等。

4.3.1 Aircrafts with ADS-B equipment shall check the data, such as three-character company code and ALT, etc.

4.3.2 不具备 ADS-B 能力的航空器：应主动向管制员报告不具备 ADS-B 能力情况，此类航空器在晋江进近管制区内运行可能会受到限制，包括起飞、进近的排序以及间隔安排等。

4.3.2 Aircrafts without ADS-B equipment or ADS-B equipment failure shall inform ATC immediately, operation of these aircrafts in Jinjiang APP would be limited, including sequence of departure and approach, separation, etc.

4.3.3 航空器在本场地面滑行时需打开应答机地面模式。

4.3.3 Aircraft shall set responder on ground mode while taxiing.

4.4 ADS-B 引导与排序

4.4 ADS-B vector and sequence

4.4.1 通常航空器从管制移交点得到 ADS-B 引导和排

4.4.1 Normally, aircrafts will be vectored and sequenced

序，直至相应的最后进近航迹或目视跑道；根据航空器性能或管制规定，发布 ADS-B 引导、上升或下降高度及速度调整的指令，使航空器之间保持规定的 ADS-B 间隔或尾流间隔。

from transfer of control point to appropriate final approach track or to the time when RWY is in sight; According to aircraft performance or control regulations, ATC issue ADS-B vector, ascent/descent altitude and speed adjustment instruction to keep stipulated ADS-B separation or aircraft wake separation.

4.4.2 在繁忙时段，为最大限度的利用空域、减少流量控制，进近管制员会对进场航空器进行 ADS-B 引导，ADS-B 引导航迹将不同于公布的进场程序。

4.4.2 During peak hours, arrival aircrafts will be vectored and the ADS-B vectoring track will be different from the published arrival procedure.

4.4.3 离场航空器：主要按照公布的离场程序飞行，若在起飞前 ATC 放行或塔台管制员给出起飞限制条件，起飞后将由管制员 ADS-B 引导加入标准离场航线。

4.4.3 Departure aircraft: Aircraft shall follow the published departure procedure. If ATC inform take-off restriction condition before departure, ATC will vector aircraft joining in standard departure via ADS-B.

4.4.4 ADS-B 引导结束：当航空器得到目视进近许可或进近管制员已指示航空器与塔台建立通讯联络时，ADS-B 管制服务终止。

4.4.4 ADS-B vector finish: When aircraft got visual approach clearance or APP controller indicated aircraft to communicate with Tower control, ADS-B service finish.

4.5 应急程序

4.5 Emergency procedure

4.5.1 通信设备故障：确认航空器具有收信能力时，可继续提供 ADS-B 管制服务。

4.5.1 Communication equipment failure: Implement ADS-B control after confirming that aircraft receiver functional.

4.5.2 ADS-B 设备故障：ADS-B 管制服务终止，指挥航空器建立非 ADS-B 管制间隔，必要时实施流量控制。

4.5.2 ADS-B equipment failure: ADS-B service terminated, ATC shall command aircraft to establish non ADS-B separation, implement flow control if necessary.

4.5.3 机载应答机故障：如机载 ADS-B 工作正常，继续提供 ADS-B 管制服务；否则实施程序管制。

4.5.3 Airborne transponder failure: If ADS-B equipment working properly, keep on ADS-B service; Otherwise, implement procedure control.

5. 无线电通信失效程序

5. Radio communication failure procedures

参见 AIP 总则 3.4.5 中的仪表飞行规则航空器地空双向无线电通信失效通用程序。

Refer to AIP GEN3.4.5 general procedures for aircraft under instrument flight rule with air-ground two-way radio communication failure.

6. 目视飞行程序

6. Procedures for VFR flights

无

Nil

7. 目视飞行航线

7. VFR route

无

Nil

8. 其它规定

8. Other regulations

无

Nil

ZSQZ AD 2.23 其它资料

ZSQZ AD 2.23 Other information

鸟情资料

Bird's information

1 鸟情资料

1 Information of bird

1.1 鸟害防治工作情况：全年有鸟类活动，机场成立驱鸟队，采取日常巡视和驱赶措施，减少鸟群威胁。

1.1 There're bird activities all the year round. Aerodrome authority resorts to dispersal methods with dispersal equipment or manual works to reduce bird activities.

1.2 鸟情调研情况：秋冬季节有鸟类迁徙活动，鹭类、鹬类、猛禽类等迁徙鸟群飞越机场及附近区域上空，白鹭、牛背鹭、灰鹭、小杓鹬、红隼、黑翅鸢等大型鸟类飞行高度为 0-1000m，鸻鹬、夜鹭、鹌鹑等中型鸟类高度为 0-300m。

1.2 Research of bird migration from autumn through winter shows: heron, snipe and raptorial birds fly over the areodrome and surrounding area, with flying height of 0-1000m for big-sized birds and 0-300m for middle-sized birds.

1.3 鸟类活动规律和特征（见下表）

1.3 Regularities of bird activity show as follows:

鸟种类 Species of Bird	主要活动时间 Time of Activity	主要活动区域 Area of Activity	飞行高度(m) Flying height(m)
鹭科（夏季以白鹭、池鹭、牛背鹭为主，冬季增加大白鹭、苍鹭）	全年 All the year round	飞行区草坪 Airfield lawn	0-100

Heron family (egret, Chinese pond-heron, cattle egret mainly in summer, great egret and grey heron added in winter)			
鹰科（黑翅鸢、普通鵟） Hawk family (black-winged kite, eastern buzzard)	全年 All the year round	飞行区草坪上空 Above airfield lawn	0-100
红隼 Kestrel	全年 All the year round	飞行区草坪上空 Above airfield lawn	0-100
普通夜鹰 Grey nightjar	全年 All the year round	飞行区草坪上空 Above airfield lawn	0-100
斑嘴鸭 Spot-billed duck	全年 All the year round	飞行区、南西侧端水塘 Airfield area, ponds to the southwest of RWY	0-100
家燕 Swallow	6 月到 8 月 Jun. - Aug.	飞行区 Airfield area	0-100
家鸽 Pigeon	全年 All the year round	飞行区 Airfield area	0-200
凤头麦鸡 Northern lapwing	12 月到次年 2 月 Dec. - Feb. (next year)	飞行区 Airfield area	0-100
小杓鹬 Little curlew	9 月到次年 2 月 Sep. - Feb. (next year)	飞行区 Airfield area	0-100
麻雀 Sparrow	全年 All the year round	飞行区 Airfield area	0-30
伏翼蝙蝠	6 月到 9 月	飞行区	0-30

Soprano pipistrelle bats	Jun. - Sep.	Airfield area	