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

ZSAM/XMN-厦门/高崎 XIAMEN/Gaoqi

ZSAM 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°32.7′ E118°07.6′ 056° MAG/1550m FM DTHR05
2	机场基准点与城市的位置关系 Direction and distance from city	020° GEO, 11km from city center
3	机场标高、基准温度、低温均值 ELEV/Reference temperature/Mean low temperature	18.0 m/34.1°C(JUL)/11.0°C(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°20′W(2024)/-1′36″
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	Yuanxiang (Xiamen) International Airport CO. LTD. Xiamen Gaoqi International Airport, Xiamen, Fujian province, China Post code:361006 TEL:86-592-6011069 FAX:86-592-5709045 AFS:ZSAMYDYX E-mail:xmkghwb@iport.com.cn Website:www.xiamenairport.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

ZSAM 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	H24

5	空中交通服务报告室 ATS Reporting Office	H24
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	H24
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	Nil
12	备注 Remarks	Nil

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

1	货物装卸设施 Cargo-handling facilities	Baggage cargo tractor, bulk cargo loader(1t), container loader(30t), loose load trailer(3t), unit load device dolly(18t), container turnable dolly(2t)
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: 20 liters/sec and hydrant cart: 40 liters/sec
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 available for various types of aircraft on request. Other maintenance work by prior arrangement.
8	备注 Remarks	Ground power unit, ground air supply unit, bridge power supply equipment and air condition

ZSAM AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	At AD
2	餐饮 Restaurants	At AD

3	交通工具 Transportation	Taxis, buses
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	At AD
6	旅行社 Tourist Office	In the city
7	备注 Remarks	Nil

ZSAM 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 9
2	援救设备 Rescue equipment	Fire fighting facilities: primary foam tender, rapid intervention vehicle&primary foam tender, heavy foam tender, illumination truck, demolition rescue truck, logistics truck, medicine transporter, fire fighting command car;
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTWA up to A380 mobile surface operation devices, uplift air cushion, jack, tractor, tow trucks, lifting equipment, wing hammock, tethered hoisting equipment, traction rack.
4	备注 Remarks	Crane can be callable.

ZSAM 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	All seasons Not applicable
2	扫雪顺序 Clearance priorities	Not applicable
3	备注 Remarks	Nil

ZSAM 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 1080/R/B/W/T : Stands Nr. 227, 228, 228L, 228R PCR 1050/R/B/W/T : Stands Nr. 201-203, 205, 206, 221 PCR 980/R/A/W/T : Stands Nr. 82-86, 3L PCR 920/R/A/W/T : Stands Nr. 9-12, 15-17, 51-56 PCR 880/R/B/W/T : Stands Nr. 21-24 PCR 800/R/A/W/T : Stands Nr. 1-3, 5-8, 41-47, 101-109, 207-212, 215-220,

			222, 223, 225, 226, 1L, 2L PCR 670/R/B/W/T : Stands Nr. 31-34, 5L PCR 660/R/B/W/T : Stands Nr. 62-69, 71-79, 81 PCR 350/R/B/W/T : Stands Nr. 229-232
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	宽度 Width	79m : B11 70m : B10 49m : B12 46m : B2 40m : B9 37m : A2, A9 34m : B3-B7 27m : A4, A5, A7, A8, A10 26.5m : A1, B1 23m : A, A6, B 18m : A3
		道面 Surface	ASPH : A3, B1, B2 CONC : A1, A10, B, B3-B7, B9-B12 CONC_ASPH : A, A2, A4-A9
		强度 Strength	PCR 1220/F/B/X/T : A2, A9 PCR 1220/R/A/W/T : A6 PCR 1080/R/B/W/T : B12 PCR 1040/R/B/W/T : A8 PCR 1000/R/A/W/T : B4 PCR 1000/R/B/W/T : B6 PCR 990/R/A/W/T : B9-B11 PCR 970/R/A/W/T : B7 PCR 960/R/A/W/T : B5 PCR 960/R/B/W/T : B3 PCR 930/R/B/W/T : A10 PCR 870/R/B/W/T : A, A1 PCR 840/R/A/W/T : B PCR 830/R/A/W/T : A3 PCR 810/R/B/W/T : A7 PCR 770/R/A/W/T : B1, B2 PCR 690/R/B/W/T : A4 PCR 610/R/A/W/T : 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	1.Stand Nr.85 CLSD 2.Stand Nr.227 is isolation stand

ZSAM 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. Guide lines at all aprons. Visual docking guidance system at aircraft stands Nr. 1-3, 5-12, 15-17, 82-84, 201-203, 205-212, 215, 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, displaced THR
		跑道灯光 RWY lights	RTHL, WBAR, REDL, RCLL, RENL
		滑行道标志 TWY markings	Edge line, center line, No-entry(A4-A8), RWY holding position, intermediate holding position
		滑行道灯光 TWY lights	Edge line lights, center line lights, No-entry bar , intermediate holding position lights
3	停止排灯和跑道警戒灯 Stop bars and runway guard lights	Runway guard lights	
4	其它跑道保护措施 Other runway protection measures	Nil	
5	备注 Remarks	Rapid exit taxiway indicator lights(A4-A8) BLUE apron edge line lights	

ZSAM AD 2.10 机场障碍物 Aerodrome obstacles

半径 15 千米内主要障碍物 (相对 05/23 跑道中心)
Obstacles within a circle with a radius of 15km (centered on the center of RWY 05/23)

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
Antenna 001	Antenna	050/1211	25.7		RWY23 ILS/DME Final approach; （ missed approach gradient 4.0%）
BLDG 002	BLDG	057/14715	146.0		RWY23 GP INOP, VOR/DME final approach

半径 15 千米内主要障碍物 (相对 05/23 跑道中心)
Obstacles within a circle with a radius of 15km (centered on the center of RWY 05/23)

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
Antenna 003	Antenna	058/3123	21.5		
MT 004	MT	059/9720	54.1		
MT 005	MT	064/9093	58.2		
MT 006	MT	069/11285	62.2		
BLDG 007	BLDG	106/3496	76.9	LGT	
BLDG 008	BLDG	121/2965	80	LGT	
BLDG 009	BLDG	122/497	45.0		
BLDG 010	BLDG	125/577	42.2		
BLDG 011	BLDG	129/6320	198.5	LGT	
BLDG 012	BLDG	139/476	40.6		
BLDG 013	BLDG	140/605	33.4		
MT 014	MT	140/7520	135.9		
BLDG 015	BLDG	142/647	51.2		
BLDG 016	BLDG	145/9500	257.0	LGT	
BLDG 017	BLDG	146/9228	257.0	LGT	
BLDG 018	BLDG	155/2382	83.9	LGT	

半径 15 千米内主要障碍物 (相对 05/23 跑道中心)
Obstacles within a circle with a radius of 15km (centered on the center of RWY 05/23)

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 019	BLDG	166/3511	91.1	LGT	
Control TWR 020	Control TWR	167/598	68.3		RWY23 ILS/DME, GP INOP, VOR/DME final approach
MT 021	MT	170/9000	339.6		
MT 022	MT	171/8475	293.6		
BLDG 023	BLDG	174/4957	123.2	LGT	
MT 024	MT	181/9600	251.7		
MT 025	MT	184/3310	115.6	LGT	
BLDG 026	BLDG	187/3882	96.1	LGT	
MT 027	MT	194/10350	264.6		
BLDG 028	BLDG	205/5865	182.5	LGT	
BLDG 029	BLDG	205/12458	305.5	LGT	
MT 030	MT	206/4800	141.9		
BLDG 031	BLDG	207/8307	202.0	LGT	
BLDG 032	BLDG	207/8472	189.0	LGT	
WATER_TOWER 033	WATER_TOWER	210/1315	52.6		
BLDG 034	BLDG	212/4775	78.1	LGT	

半径 15 千米内主要障碍物 (相对 05/23 跑道中心)
Obstacles within a circle with a radius of 15km (centered on the center of RWY 05/23)

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 035	BLDG	215/4910	78.1	LGT	
Antenna 036	Antenna	216/1255	66.5	LGT	
MT 037	MT	217/5920	212.7	LGT	RWY05 VOR/DME final approach
BLDG 038	BLDG	217/8427	166	LGT	
BLDG 039	BLDG	217/11004	197	LGT	
BLDG 040	BLDG	217/11116	199.8	LGT	
BLDG 041	BLDG	218/9846	264.5	LGT	
TOWER 042	TOWER	218/10244	166	LGT	
BLDG 043	BLDG	219/10251	350		RWY05 VOR/DME final approach
MT 044	MT	220/5864	180		
BLDG 045	BLDG	222/8170	195	LGT	
MT 046	MT	223/6400	159.4		RWY23 ILS/DME missed approach
TV TWR 047	TV TWR	223/7775	196.6	LGT	
TOWER 048	TOWER	223/11048	188	LGT	
STACK 049	STACK	226/14970	210.6	LGT	
TOWER 050	TOWER	227/11956	165	LGT	

半径 15 千米内主要障碍物 (相对 05/23 跑道中心)

Obstacles within a circle with a radius of 15km (centered on the center of RWY 05/23)

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
TOWER 051	TOWER	231/12971	146	LGT	
BLDG 052	BLDG	231/14124	149.5		
Bridge 053	Bridge	232/7750	134	LGT	RWY23 Take-off path
TOWER 054	TOWER	233/13603	81	LGT	
BLDG 055	BLDG	235/2550	29.6		RWY23 Take-off path
BLDG 056	BLDG	235/2675	31.6		RWY23 Take-off path
Bridge 057	Bridge	235/7836	134.4	LGT	
BLDG 058	BLDG	236/3063	43.0		RWY23 Take-off path
BLDG 059	BLDG	236/4429	57.3		
Antenna 060	Antenna	237/2996	38.3		RWY23 Take-off path
BLDG 061	BLDG	237/4341	55.7		
Pole 062	Pole	237/5650	85.5	LGT	
Pole 063	Pole	237/6475	91.0	LGT	
Pole 064	Pole	238/5457	85.5	LGT	RWY23 take-off path
BLDG 065	BLDG	238/11184	162.3		RWY05 GP INOP final approach
BLDG 066	BLDG	241/3419	45.6	LGT	

半径 15 千米内主要障碍物 (相对 05/23 跑道中心)
Obstacles within a circle with a radius of 15km (centered on the center of RWY 05/23)

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 067	BLDG	241/4243	55.4		
Antenna 068	Antenna	242/1251	32.3		RWY05 ILS/DME final approach
Pole 069	Pole	242/5800	99.0	LGT	RWY05 GP INOP final approach; RWY23 take-off path
Pole 070	Pole	247/5250	99.0	LGT	Circling CAT A/B
MT 071	MT	248/9150	237.8		RWY23 departure; Circling CAT C
MT 072	MT	255/12850	381.5		
MT 073	MT	257/11830	320.5		
MT 074	MT	260/9920	285.7		
BLDG 075	BLDG	303/8380	188.4	LGT	
MT 076	MT	313/13700	137.8		
BLDG 077	BLDG	314/8600	267.9	LGT	
MT 078	MT	346/9400	393.7		
MT 079	MT	347/11050	408.4		

半径 15 千米-50 千米内主要障碍物 (相对 05/23 跑道中心)
Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 05/23)

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
WINDMILL 080	WINDMILL	008/39120	1286		180°-244° sector; RWY05 PBN arrival, RWY23 arrival
MT 081	MT	008/39300	1175		
WINDMILL 082	WINDMILL	013/39674	1140		RWY23 traditional holding(R050°/D24.0XLN)
WINDMILL 083	WINDMILL	023/33526	1075		
MT 084	MT	024/33600	946		
MT 085	MT	025/18773	177		
WINDMILL 086	WINDMILL	025/34095	942		
MT 087	MT	027/85000	833		
WINDMILL 088	WINDMILL	028/35170	852		RWY23 traditional initial approach(R050°/D24.0XLN)
TOWER 089	TOWER	042/29384	599		RWY23 traditional initial approach
MT 090	MT	042/29400	564		
MT 091	MT	045/23579	270		
TOWER 092	TOWER	047/25296	512		RWY05 PBN initial approach (MP1)
TOWER 093	TOWER	053/24878	369		RWY23 traditional intermediate approach
MT 094	MT	062/26000	516		RWY23 PBN initial approach(AM205), intermediate approach

半径 15 千米-50 千米内主要障碍物 (相对 05/23 跑道中心)
Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 05/23)

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 095	MT	070/20673	231		
Antenna 096	Antenna	200/24650	586		244°-360° sector
MT 097	MT	201/24500	562		
MT 098	MT	217/58710	580		
MT 099	MT	221/23600	406		RWY05 initial approach, intermediate approach
MT 100	MT	227/23740	348		
MT 101	MT	239/40000	794		360°-080° sector
TOWER 102	TOWER	245/20784	260	LGT	
TOWER 103	TOWER	247/20274	260	LGT	
MT 104	MT	254/64600	954		RWY05 traditional holding(R232°/D15.0XLN), PBN holding(AM105)
MT 105	MT	261/19500	423		
Antenna 106	Antenna	263/19016	459		RWY05 PBN arrival
TOWER 107	TOWER	291/21695	592		RWY05 Traditional initial approach (XLN)
MT 108	MT	294/26000	933		RWY23 departure
MT 109	MT	303/81900	1369		

半径 15 千米-50 千米内主要障碍物 (相对 05/23 跑道中心)
Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 05/23)

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 110	MT	311/33700	1128		
MT 111	MT	314/23000	963		RWY05/23 holding(XLN)
MT 112	MT	331/76700	1532		
MT 113	MT	335/40600	1080		
MT 114	MT	337/51900	1274		
WINDMILL 115	WINDMILL	338/51457	1410		080°-180° sector; RWY05 traditional arrival
MT 116	MT	343/42749	1220		

Remarks:

ZSAM 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	Xiamen MET station of ATMB
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	Xiamen MET station of ATMB;24h;6h
4	趋势预报及发布间隔 Trend forecast/Interval of issuance	trend 1h
5	所提供的讲解或咨询服务 Briefing/Consultation provided	Briefing provided: P, T
6	飞行文件及其使用语言	art, International MET Codes, Abbreviated Plain Language Text;Ch,En

	Flight documentation/Language(s) used	
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	Briefing provided: Synoptic charts, significant weather charts, upper W/T charts, satellite and radar material, AWOS real-time data
8	提供气象情报的辅助设备 Supplementary equipment available for providing information	FAX, MET Service terminal
9	提供气象情报的空中交通服务单位 ATS units provided with information	TWR, Xiamen ACC, Xiamen APP
10	其他信息 Additional information	Xiamen MET station of ATMB TEL: 86-0592-5708961
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: 100m N of RCL, 460m inward THR05; B: 100m N of RCL, 1700m inward THR05; C: 80m N of RCL, 540m inward THR23. SFC wind sensors 05: 110m N of RCL, 490m inward THR; 23: 90m N of RCL, 510m inward THR. Ceilometer 05: 110m N of RCL, 465m inward THR; 23: 80m N of RCL, 505m inward THR.
4	观测系统的工作时间 Hours of operation for meteorological observation system	HO
5	气候资料 Climatological information	Climatological tables AVBL
6	其他信息 Additional information	Nil

ZSAM 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
05	052.00° GEO 056° MAG	3400×45	(0-2800m) PCR 790/R/A/W/T (2800-3400m) PCR 1880/F/B/X/T ASPH/-	Nil	THR 17.1m DTHR 17.5m TDZ 18.0m	0.27%(150m)/0.15%(330m)/-0.26%(2720m)/-0.35%(200m)
23	232.00° GEO 236° MAG	3400×45	(0-600m) PCR 1880/F/B/X/T (600-3400m) PCR 790/R/A/W/T ASPH/-	Nil	THR 10.2m DTHR 10.9m TDZ 13.2m	0.35%(200m)/0.26%(2720m)/-0.15%(330m)/-0.27%(150m)

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
05	Nil	Nil	3500×280	90×120	Nil	Yes
23	Nil	Nil	3500×280	90×120	Nil	Yes

Remarks: 1. 7.5m RWY shoulder on the both sides.

2. RWY05: 40×60m anti-blast pad; RWY23: 60×60m anti-blast pad.

3. THR05 displaced 150m inwards ; THR23 displaced 200m inwards, RWY23 end displaced 150m inwards.

ZSAM 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
05	3400	3400	3400	3250	THR displaced 150m inwards

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
05	3220	3220	3220	3250	FM A2,THR displaced 150m inwards
05	2850	2850	2850	3250	FM A3,THR displaced 150m inwards
23	3250	3250	3250	3050	THR displaced 200m inwards,END displaced 150m inwards
23	3100	3100	3100	3050	FM A9,THR displaced 200m inwards,END displaced 150m inwards

ZSAM 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
05	PALS CAT I SFL 900 m LIH	GREEN Yes	PAPI LEFT 368m inward DTHR05 3° 18.2m	Nil	3400 m spacing 30m 0-2500m, WHITE 2500-3100m, RED/WHITE 3100-3400m, RED VRB LIH	3400 m spacing 60m 0-2800m, WHITE 2800-3400m, YELLOW VRB LIH	RED	Nil

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
23	PALS CAT I SFL 750 m LIH	GREEN Yes	PAPI LEFT 368m inward DTHR23 3° 18.9m	Nil	3400 m spacing 30m 0-2500m, WHITE 2500-3100m, RED/WHITE 3100-3400m, RED VRB LIH	3400 m spacing 60m 0-2800m, WHITE 2800-3400m, YELLOW VRB LIH	RED	Nil
Remarks:								

ZSAM 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: 05: 120m N of RCL, 380m inward DTHR05, LGTD; 23: 114.5m S of RCL, 325m inward DTHR23, LGTD.
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	Standby power supply available/ 15 sec
5	备注 Remarks	Nil

ZSAM 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

ZSAM 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
Xiamen tower control area	A circle, radius 20km centered at ARP	900m and below				
Fuel dumping area	N2427.0E11749.0－ N2419.0E11800.0－ N2406.0E11752.0－ N2407.0E11737.0－ N2427.0E11749.0	Above 3000m				
Altimeter setting region and TL/TA	N250010E1173200- N251900E1181730- N245400E1190000- N243730E1184030- N243730E1182530- N240630E1175220- N240000E1174120- N243030E1172140- N250010E1173200	TL 3600m TA 3000m 3300m(QNH≥1031hPa) 2700m(QNH≤979hPa)				

ZSAM 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		126.25			H24	D-ATIS available

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
APP	Xiamen Approach	APP01:121.35 (119.05)			H24	
		APP02:120.2 (119.05)			H24	
		APP03:123.825 (119.85)			by ATC	
		APP04:125.025 (119.85)			by ATC	
TWR	Xiamen Tower	118.25 (130.0)			H24	
GND	Xiamen Ground	121.7			2300-1500(NEXT DAY)	
APN	Xiamen Apron	APN01:121.8			2230-1500(NEXT DAY)	T3
		APN02:121.6			H24	T4
Delivery	Xiamen Delivery	121.95			0000-1200	DCL available
EMG		121.5			H24	

ZSAM 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
Xiamen VOR/DME	XMN	114.5 MHz CH 92X	H24	N24°32.6′ E118°07.4′ 220m N of RCL, 1440m inward THR05	23 m	R062°- R222° clockwise U/S.

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
Xinglin VOR/DME	XLN	114.7 MHz CH 94X	H24	N24°33.9′ E118°00.9′ 286°MAG/11608m FM ARP	46 m	For VOR/DME:R092°-R187° clockwise,beyond 43NM on R360° U/S; For VOR:Beyond 38NM on R233° U/S; For DME:Beyond 35NM on R233° U/S.
LOC 05 ILS CAT I	IWF	110.3 MHz		056°MAG/175m FM RWY05 end		Beyond 15° rightside of front course U/S. Beyond 20NM of front course U/S.
GP 05		335.0 MHz		122m N of RCL, 305m inside DTHR05		Angle 3° RDH 15m
DME 05	IWF	CH 40X (110.3 MHz)		122m N of RCL, 305m inside DTHR05	25m	Co-located with GP 05
LOC 23 ILS CAT I	IKK	109.7 MHz		236° MAG/243m FM end of RWY23		Beyond 10° leftside of front course U/S. Beyond 14NM of front course U/S.
GP 23		333.2 MHz		120m N of RCL, 295m inside DTHR23		Angle 3° RDH 15m
DME 23	IKK	CH 34X (109.7 MHz)		120m N of RCL, 295m inside DTHR23	18m	Co-located with GP 23

ZSAM AD 2.20 本场规定

1. 机场使用规定

1.1 禁止未安装二次雷达应答机的航空器起降；

1.2 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；

ZSAM AD 2.20 Local aerodrome regulations

1.Airport operations regulations

1.1 Takeoff/landing of aircraft without SSR transponder are forbidden;

1.2 All technical test flight shall be filed in advance and shall be made only after permission has been obtained

1.3 本场最大可使用机型为 B747 同类及以下机型(含符合限制运行要求的 B747-8 及 A380 型维修飞机)，航空器执行 B747-8 飞行任务时，应提前 24h 将航班信息（包含航空器在本场运行时的机坪最大全重）告知机场管理机构及空中交通管制部门，如航空器机坪最大全重超 420t，需停放 8 区机位。B747-8 应按空中交通管制部门指令滑行，进入机坪须跟随引导车滑行。

from ATC;

1.3 Maximum aircraft to be available: B747 same and below(include B747-8 and A380 maintenance aircraft that comply with the restricted of operation).Aircraft B747-8 shall inform flight information(including apron maximum full weight when aircraft opering) to Airport Management Organization and ATC department 24 hours in advance before executing the flight mission. If apron maximum full weight exceed 420t, aircraft shall park at Apron Nr.8. Aircraft B747-8 shall taxi with ATC instructions and enter the stands by following the follow-me vehicle.

2. 跑道和滑行道的使用

2.1 禁止在跑道上和滑行道沥青道面上做大于 90°的转弯；

2.2 机场冲突多发地带运行要求

机场区冲突多发地带位置见 ZSAM AD2.24-1/2。

2. Use of runways and taxiways

2.1 More than 90°turnaround on RWY or TWYs with pavement of asphalt is forbidden for all aircraft;

2.2 Hot spot procedure

Refer to ZSAM AD2.24-1/2.

HS1	Intersection of TWYs B3, A4 and A
When RWY23 in used, when A/C taxiing along TWY A to pass A4, it should pay attention to observe and avoid the A/C vacate RWY from A4 before intersection. In night or low visibility, departure A/C should pay attention to ground markings when turning right from B3 to A and avoid mistakenly entering A4.	
HS2	Intersection of TWYs B4,A5 and A
When RWY23 in used, when A/C taxiing along TWY A to pass A5, it should pay attention to observe and avoid the A/C vacate RWY from A4 before intersection. In night or low visibility, departure A/C should pay attention to ground markings when turning right from B4 to A and avoid mistakenly entering A5.	
HS3	Intersection of TWYs B6,A6 and A

When RWY05 in used, when A/C taxiing along TWY A to pass A6, it should pay attention to observe and avoid the A/C vacate RWY from A6 before intersection. When type E A/C vacate RWY from A6, entering A from B6 is forbidden for B747-8 and type E A/C.	
HS4	Intersection of TWYs B9,A8 and A
When RWY05 in used, when A/C taxiing along TWY A to pass A8, A/C should pay attention to observe and avoid the A/C vacate RWY from A8 before intersection. In night or low visibility, departure A/C should pay attention to ground markings when turning left from B9 to A and avoid mistakenly entering A8.	
HS5	Intersection of TWYs B11,A9 and A
When A/C taxiing along TWY A to pass A9, A/C should pay attention to observe and avoid the A/C vacate RWY from A9 before intersection. In night or low visibility, departure A/C should pay attention to ground markings when turning left from B11 to A and avoid mistakenly entering A9.	

2.3 A3 滑行道仅供主起落架外轮边距为 9m（不含）以下的航空器运行。

2.4 在下表所示的情况中,航空器需采用偏置转弯滑行

2.3 TWY A3 only available for aircraft with outer main wheel less than 9m.

2.4 Under this circumstances, aircrafts shall offset-centerline taxi.

机型/ Type	滑行路线/ Taxi Route
A340-600, B777-300	RWY 05→TWY A1
B747-8	RWY 05↔TWY A1
A340-600, B777-300	RWY 23→TWY A10
B747-8	RWY 23↔TWY A10
B747-8, A340-600, B777-300	TWY T6→TWY B1→TWY A
B747-8, A340-600, B777-300/200, B747-400	TWY A→TWY B2→TWY T6
B747-8, A340-600, B777-300/200, B747-400	TWY A↔TWY B3, B4, B5, B6, B7
A340-600, B777-300/200, B747-400	TWY A4, A5→TWY A (Eastbound)
A340-600, B777-300/200	TWY A4→TWY B3

A340-600, B777-300/200	TWY A5→TWY B4
B747-8, A340-600, B777-300/200, B747-400	TWY A7, A8→TWY A (Westbound)
A340-600	RWY 05↔TWY A2
A340-600	TWY A↔TWY A2

2.5 为提高跑道容量，作如下要求（湿跑道和污染跑道除外）：

2.5.1 起飞航空器从接到管制员进跑道指令到对正跑道时间应控制在 60s 以内，如机组认为无法在上述要求的时间内完成，须在到达跑道外等待点之前向塔台管制员说明。

2.5.2 落地航空器应尽快退出跑道，从接地到滑出跑道的时间应控制在 50s 以内，如机组认为无法在上述要求的时间内完成，须在建立航向道之前向进近管制员说明。

2.5.3 航空器起飞离地后自动与塔台管制席位脱波，塔台将在 ATC 许可中明确脱波后应该联系的频率。

2.5.4 在转换使用跑道方向过程中，短时使用跑道顺风分量超过 3m/s，但不大于 5m/s 时，管制员收到该信息应及时通知相关的航空器驾驶员。航空器驾驶员应根据机型性能或者运行手册，决定是否使用管制员安排的顺风跑道起飞或着陆，并将决定通知管制员。

2.6 A380 沿指定滑行路线滑行期间，要经过若干个转弯口。在通过转弯口时，A380 机组应自行判断，采

2.5 Requirements as follow to increase RWY operation capacity,Except for wet or contaminated RWY:

2.5.1 Departure aircraft shall finish RWY alignment within 60s after receiving ATC clearance of entering RWY. If filght crew can not fulfill, pilot shall inform TWR controller before reaching RWY holding position.

2.5.2 Landing aircrafts shall fully vacate the RWY within 50s after touchdown. If flight crew can not fulfill, pilot shall inform APP controller before establish final approach course.

2.5.3 Flight crew shall release TWR frequency without radiotelephony instruction from controller as soon as aircraft was airborne. And contact next frequency assigned by TWR Control.

2.5.4 During changing operation direction of RWY, when downwind speed is more than 3m/s but not exceeding 5m/s for a short time, ATC shall inform flight crew. Pilot shall decide whether or not downwind take-off or landing according to aircraft performance or operation handbook, and inform ATC.

2.6 A380 taxi on the designated route will pass several turn-off. A380 shall use judgemental oversteering while

用大角度转弯技术，而不能沿现有滑行道中线滑行，在滑行时，机组开启机载滑行监视器。

passing turn-off, rather than taxi on center line of TWY. Air crew shall open airborne taxiing monitor while taxiing.

2.7 B747-8 沿指定滑行路线滑行期间，要经过若干个转弯口。除了 B2 滑行道与 T6 机坪滑行通道、A8 联络道与 A 滑行道的转弯口外，在其它各个转弯口，B747-8 均可沿现有滑行道中线滑行。在通过 B2 滑行道与 T6 机坪滑行通道、A8 联络道与 A 滑行道的转弯口时,B747-8 飞行员应自行判断采用大角度转弯技术，而不能沿现有滑行道中线滑行。

2.7 B747-8 taxi on the designated route will pass several turn-off. B747-8 may taxi on center line of TWY at turn-off, except B2, T6, and corner of A8 and A. Pilot of B747-8 shall use Judgmental Oversteering to pass B2, T6 , and corner of A8 and A, rather than taxi on center line of TWY.

2.8 B747-8 在 T5、T6 滑行通道上滑行时，需将滑行速度降低至 20km/h。

2.8 B747-8 shall reduce speed to 20km/h while taxiing on TWY T5 and T6.

2.9 T15、T16 滑行道禁止航空器同时移动。

2.9 A/C moving at same time in TWY T15 and T16 is forbidden.

2.10 厦门机场在 A 滑行道范围内设有 19 个中间等待位置，供航空器滑行中等待使用，详见 ZSAM AD2.24-2。

2.10 There are 19 intermediate holding position in TWY A, details attached ZSAM AD2.24-2.

A-A2	To west,holding in front of A2	A-B6	To east,holding in front of B6
A-B2	To east,holding in front of B2	A-B6	To west,holding in front of B6
A-B2	To west,holding in front of B2	A-B7	To east,holding in front of B7
A-B3	To east,holding in front of B3	A-B7	To west,holding in front of B7
A-B3	To west,holding in front of	A-B9	To east,holding in front of

	B3		B9
A-B4	To east,holding in front of B4	A-B9	To west,holding in front of B9
A-B4	To west,holding in front of B4	A-B10	To east,holding in front of B10
A-B5	To east,holding in front of B5	A-B10	To west,holding in front of B10
A-B5	To west,holding in front of B5	A-B12	To east,holding in front of B12
A-B11	To east, holding in front of B11		

3. 机坪和机位的使用

3.1 未经机坪管制同意，严禁航空器利用自身动力倒滑。

3.2 除 1-3, 5-12, 15-17, 82-84, 201-203, 205-212 和 215 号停机位之外，其余所有机位停靠的航空器须由地面人员指挥其进、出机位。

3.3 发动机试车，需经机坪管制许可，并在指定的地点进行。严禁在廊桥附近试大车。

3.4 禁止同时运行的航空器

3. Use of aprons and parking stands

3.1 Push-back of aircraft on its own power is strictly forbidden without APN clearance.

3.2 Aircraft Parking/docking on stands are guided by a marshaller for entry/exit except for Nr.1-3, 5-12, 15-17, 82-84, 201-203, 205-212 and 215.

3.3 Engine run-ups shall be permitted by APN, and it shall be carried out at a designated location. Fast engine run-ups near boarding bridges are strictly forbidden.

3.4 A/C are forbidden to use simultaneously

A/C taxiing out or pushed-back from stand Nr.24	A/C taxiing on TWY B2(BTN TWY A&T6)
A/C taxiing on TWY T15	A/C taxiing on TWY T16
A/C type E vacate the RWY from TWY A6	A/C type E or B747-8 taxiing from TWY B6 into TWY A

3.5 滑行通道对航空器翼展的限制

3.5 Wing span limits for A/C taxiing on the Taxiing lane:

滑行通道/ Taxiing lane	航空器翼展限制/Wing span limits for aircraft
T3 , T5, T6, T14(north of stand Nr.203)	≤65m
T4	≤61m
T14(south of stand Nr.203)	≤48m
T2, T7	≤38m
T8- T10, T12-T13, T15-T18	≤36m

B747-8 经机坪管制同意后，可使用 T5、T6 滑行道。

Nr.T5 and Nr.T6 are available for B747-8 after obtaining APN clearance.

3.6 当 10、15 号机位需要停放的机型大于同时停放时对该机位限定的机型要求时（主要指翼展要求），该机位的相邻机位停放机型应严格遵照机场运行规则作出调整。

3.6 When the aircrafts needed to be parked simultaneously on stands Nr.10 and 15 exceeds the limitation (meaning the wing span requirements), stands next to the stand shall follow airport operation authorities instruction strictly.

3.7 若 3 号机坪有航空器停放时，则机位对应的 T7 区域禁止穿越；若 4、5 号机坪有航空器停放时，则机位对应的 T8，T9 区域禁止穿越；若 7 号机坪有航空器停放时，则机位对应的 T10 区域禁止穿越；

3.7 No aircraft are permitted to taxi through the part of taxilane T7 corresponding to the stands of apron Nr.3 with aircraft parking on；no aircraft are permitted to taxi through the part of taxilanes T8 and T9 corresponding to the stands of apron Nr.4 and Nr.5 with aircraft parking on；no aircraft are permitted to taxi through the part of taxilane T10 corresponding to the stands of apron Nr.7 with aircraft parking on；

3.8 禁止翼展大于 36m 的航空器由 B 滑行道进入 T10 滑行通道。

3.8 Maximum wing span aircraft taxi via TWY B to TWY T10: 36m.

3.9 停机位使用限制： 3.9 Limits for air craft parking on the following stands

停机位/Stands	航空器翼展限制/Wing span limits for aircraft	滑进、滑出方式/Enter or Exit
Nr.8, 9,11, 15, 17, 21-23, 82-85, 205-206, 227, 3L, 228	≤65m	Taxi in and push-back
1L, 2L, 5L		Taxi in and out by itself
Nr.3, 62, 66, 67	≤60.12m	Taxi in and push-back
Nr.2, 5, 6, 10, 12, 16	≤48.5m	Taxi in and push-back
Nr.7, 202-203	≤48m	Taxi in and push-back
Nr.221		Taxi in and out by itself
Nr.24, 63-65, 68, 69, 81	≤38m	Taxi in and push-back
Nr.31-34		Taxi in and out by itself
Nr.1,86,101-109, 201, 207-212, 215, 228L, 228R	≤36m	Taxi in and push-back
Nr.41-47, 51-56, 72-78, 216-220, 222, 223, 225, 226		Taxi in and out by itself
Nr.79	≤33.9m	Taxi in and out by itself
Nr.229, 230-232	≤29m	Taxi in and push-back
Nr.71	≤28.9m	Taxi in and out by itself
Remarks:Stands Nr.228, 228L, 228R are combined stand. Stand Nr.228 can be parked an aircraft with wingspan no more than 65m; 228L, 228R can be parked an aircraft with wingspan no more than 36m.		

停机位/Stands	当停放以下机型/With aircraft as below parking on	其他相关停机位的限制/Limits for other relevant stands

Nr.3	B787-8	Stands Nr.2, Nr.5 wingspan＜36m
Nr.11, 15	wingspan≤61m	Both sides adjacent stands wingspan ＜36m (B737-900 etc.)
	wingspan＞61m	Both sides adjacent stands U/S
Nr.21, 22	Before B747-8 entering	Stand Nr.31 U/S
Nr.66	B787	Stand Nr.67 wingspan≤38.05m
Nr.67	B787	Stand Nr.66 wingspan≤38.05m
Nr.83	B747-8	Both sides adjacent stands wingspan≤61m
Nr.84	B747-8	Stand Nr.83 wingspan≤61m
Nr.86	wingspan≤36m	Aircraft parking on stands Nr.101-103 must push back to T5 to start-up and taxi.

3.10 专用机位使用限制

3.10 Limits for aircraft parking on special parking area:

专用停机位/Special parking area	禁止同时使用的停机位/Stands forbidden to use simultaneously	禁止同时使用的滑行道/TWYs forbidden to use simultaneously	滑进滑出方式/Enter or Exit	其他/others
1L	105-109	T13	taxi in and out by itself	
2L	86,101-104	T12	taxi in and out by itself	Aircraft are forbidden to enter/exit stand Nr.85
3L		T5(BTN stands	taxi in and push	The parking order is

		Nr.84&85)	back	Nr.84 first,then 3L.Stand Nr.84 only available for aircraft with wing span 36m and less.Aircraft are forbidden to push-back on stand Nr.82 and 83.
5L	31-34	T2,T7	taxi in and out by itself	
Remarks: Blue taxi guide lines for special parking areas 1L, 2L, 3L and 5L; Aircraft taxi into/out special parking areas1L, 2L and 3L by follow-me vehicle; Aircraft taxi into special parking areas 5L by follow-me vehicle.				

3.11 管制放行许可

3.11.1 离场航空器在预计关舱门前10min联系厦门放行管制，申请放行许可。取得放行许可后继续在该管制频率守听。

3.11.2 准备好推出和开车时通知放行管制，由放行管制指示联系有关的机坪管制。向指定的机坪管制通报航空器机位号和目的地，取得开车许可、使用跑道号、滑行路线、气象条件等通报。

3.11.3 在进入A滑行道前联系地面管制,在进入跑道等待位置前联系塔台管制。

3.12 提供数字化放行系统（DCL）服务。

3.11 ATC Delivery Clearance

3.11.1 Departure aircraft shall contact Xiamen Delivery for delivery clearance 10 minutes prior to the cabin door closed. Flight crew shall stand by the Delivery Control frequency after get delivery clearance.

3.11.2 Before push-back and start-up, flight crew shall contact Delivery, Delivery instruct and contact with relevant APN to report the parking stand number and destination, get start-up clearance and information such as the assigned RWY, taxing routes, meteorological condition etc.

3.11.3 Contact GND before approaching to TWY A, contact TWR before approaching to the RWY holding position.

3.12 Departure clearance via data link(DCL) service

3.12.1 预计撤轮挡时间（EOBT）前 30min 至 10min，航空器驾驶员应当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。

3.12.1 Within 10-30 minutes before Estimated Off-block Time(EOBT), Pilot shall use DCL to require ATC delivery clearance in priority.

3.12.2 当 DCL 无法完成放行许可的申请或发布时，将转为话音方式申请或发布放行许可。

3.12.2 If the DCL service is not available, pilot shall contact ATC for verbal ATC clearance.

3.12.3 DCL 报文中“NEXT FREQ”标示塔台放行频率；DCL 报文中“DEP FREQ”标示进近频率，是航空器离地后的首个联系频率。

3.12.3 The “NEXT FREQ” in the message of DCL is TWR Delivery frequency. The “DEP FREQ” in the message of DCL which represents APP frequency is the first frequency for aircraft to contact after it was airborne.

3.12.4 本机场放行时不再要求机组话音复诵已经通过数据链成功发布的放行许可。

3.12.4 Pilot don't need to repeat delivery clearance by voice which obtained from DCL.

3.13 在机坪范围内设有 10 个滑行等待点，详见 ZSAM-2。

3.13 There are 10 taxiing holding point in the apron, details attached ZSAM AD2.24-2.

Holding point	Taxiing direction	Holding point	Taxiing direction
HP1	North-South	HP6	North-South
HP2	North-South	HP7	North-South
HP3	North-South	HP9	North-South
HP4	North-South	HP11	North-South
HP5	North-South	HP12	North-South

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 进离本场的航空器勿向跑道中心延长线东南方向偏航。

6.2 B1 滑行道的滑行等待点 HP1 距离 A1 滑行道的跑道等待位置 172m，注意控制滑行速度，避免侵入跑道。

6.3 B11 滑行道的滑行等待点 HP11 距离 A9 滑行道的跑道等待位置 140m，注意控制滑行速度，避免侵入跑道。

6.4 B12 滑行道的滑行等待点 HP12 距离 A10 滑行道的跑道等待位置 140m，注意控制滑行速度，避免侵入跑道。

6. Warning

6.1 Deviating to the south west of RWY centre line extension is forbidden.

6.2 Holding point HP1 in TWY B1 is 172m from A1 RWY holding position, control taxiing speed to avoid intruding the RWY.

6.3 Holding point HP11 in TWY B11 is 140m from A9 RWY holding position, control taxiing speed to avoid intruding the RWY.

6.4 Holding point HP12 in TWY B12 is 140m from A10 RWY holding position, control taxiing speed to avoid intruding the RWY.

ZSAM AD 2.21 减噪程序

ZSAM AD 2.21 Noise abatement procedures

1.1 噪音限制规定

1.1.1 飞机起飞减噪操作程序，用于起飞爬升阶段，目的是在确保飞行安全的前提下，尽量减少噪音对地面的影响。

1.1.2 厦门高崎机场采用国际民航组织制定的消噪声离场程序 1(NADP1)，旨在降低起飞跑道末端附近区域的噪音。在保证飞行安全的前提下，要求所有飞行员执行以下减噪飞行操作程序。由于非管制原因不执行减噪飞行操作程序，飞行员须在起飞前告知空管并说明理由(校验飞行等特殊飞行除外)。

1.1 Noise restriction rules

1.1.1 Noise abatement procedure is used to reduce noise during departure climbing.

1.1.2 In condition of complying with the requirements of obstacle clearance and climb gradient required by flight procedure, the following noise abatement climb procedures shall be implemented. If the procedures can not be implemented due to any reason except ATC, pilot shall inform the controller with a reasonable explanation(except for special flight).

1.2 减噪程序

1.2.1 在航空器起飞性能允许的情况下，尽可能使用减推力起飞。

1.2 Noise abatement procedures

1.2.1 The derated take-off is strongly recommended if the take-off performance of aircraft permit.

1.2.2 航空器起飞爬升到 1500ft(QNH)，调整和保持发动机爬升功率/推力，保持爬升速度 V2+15kt，保持襟翼和缝翼在起飞状态。

1.2.2 At altitude 450m/1500ft(QNH),adjust engine power/thrust to climb power/thrust and maintain it, maintain climbing speed at V2+30km/h(15kt) with flaps and slats in the take-off configuration.

1.2.3 航空器起飞爬升到 3000ft(QNH)以上，转为正常航路爬升速度，并按程序收襟翼/缝翼。

1.2.3 At altitude 910m/3000ft(QNH),maintain a positive rate of climb, accelerate to normal en-route climb speed and retract flaps/slats on schedule.

ZSAM AD 2.22 飞行程序

ZSAM AD 2.22 Flight procedures

1. 总则

1.1 除经塔台特殊许可外，在塔台管制区内的飞行，必须按仪表飞行规则进行。

1. General

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

1.2 落地厦门高崎国际机场的航空器，经批准的平视显示器和自动驾驶仪和飞行指引仪均不能用于进近时，应在首次联系厦门进近时主动告知进近管制员。

1.2 For aircraft landing at Xiamen Airport, when HUD and AP and FD all unavailable for approach, flight crew shall inform controler when contact with Xiamen APP at the initial contact.

2. 起落航线

起落航线在跑道西北侧，C、D 类航空器高度 650m，A、B 类航空器高度 500m。

2. Traffic circuits

Traffic circuits shall be made to the northwest of RWY, at the altitude of 650m for aircraft CAT C/D, and 500m 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 因本场飞行的需要，塔台可能会要求航空器驾驶

3.2 Pilots may be required by Tower Control to deviate

员偏离标准离场程序，保持沿跑道方向继续上升至一定高度后转弯入航。除非紧急情况，航空器不得提前转弯。

from standard departure procedures, maintain runway direction and continue to climb to a certain altitude before turning to join the air route so as to meet local traffic operation requirements. Pilots shall not turn in advance unless in emergency.

4. 雷达程序和/或 ADS-B 程序

4. Radar procedures and/or ADS-B procedures

4.1 厦门进近管制区域内实施雷达管制，航空器最小水平间隔为 6km。

4.1 Radar control within Xiamen APP has been implemented. The minimum horizontal radar separation is 6km.

4.2 航空器在本场地面滑行时需打开应答机地面模式。

4.2 Aircraft shall set responder on ground mode while taxiing.

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

6.1 等待：目视飞行在跑道西北侧，按起落航线进行等待。

6.1 Holding: Visual flight on the northwest side of RWY, wait according to the traffic circuits.

6.2 目视飞行进、离场：经 ATC 同意后，按目视规则进、离场。

6.2 Visual arrival and departure can be implemented according to visual flight rules after ATC approved.

7. 目视飞行航线

7. VFR route

无

Nil

8. 其它规定

8. Other regulations

使用 05 号跑道着陆的航空器，严格保持航迹，禁止向东南方向偏航。

Pilot shall keep the aircraft on the flight track strictly, deviation to southeast is forbidden when landing from RWY05.

ZSAM AD 2.23 其它资料

ZSAM AD 2.23 Other information

鸟情资料

Bird's information

1.1 鸟害防治工作基本情况：厦门机场全年有鸟类活动，机场组织驱鸟人员，采取日常巡视驱赶、布置设施设备与生态环境改造等措施，降低鸟击与动物侵入风险。

1.1 Basic situation of bird strike prevention work: Xiamen Airport has bird activitiesthroughout the year, and the airport organizes bird repellent personnel to takemeasures such as daily patrols, installation of facilities and equipment, andecological environment renovation to reduce the risk of bird strikes and animalinvasion.

1.2 机场主要驱鸟设施包括：声学驱鸟设备（煤气炮等）、视觉驱鸟设备（驱鸟风镜等）、猎枪、驱鸟车、捕鸟网。主要预防措施包括：割草、除虫、灭鼠、投放化学用品、驱鸟人员巡视和持枪驱鸟等。

1.2 The mainbird repellent facilities at the airport include acoustic bird repellent equipment (gas cannons, etc.), visual bird repellent equipment (bird repellent windmills, etc.), hunting guns, bird repellent vehicles, and bird catchingnets. The main preventive measures include: lawn mowing, pest control, rodentcontrol, chemical spraying, bird repellent personnel patrols, and armed bird repellent.

1.3 鸟情调研情况：持续对机场飞行区及周边区域开展鸟情与环境调研，收集鸟、鼠、兽、植被等环境信息，掌握周边区域鸟类种类、活动和分布规律的动态。

1.3 Bird situation research: Continuously conduct bird situation and environmental research on the airport flight area and surrounding areas, collect environmental information such as birds, mammals, and vegetation, and grasp the dynamics of bird species, activities, and distribution patterns in the surrounding areas.

1.4 机场常见鸟类信息（见下表）

1.4 Common bird information at airports (see table below)

Order	Scientific name	Bird strike risk level	Main activity time (greatly affected by	Main activity areas and characteristics

			environmental changes)	
Accipitriformes	Milvus migrans	3	Throughout the year(more active in spring and autumn)	Airspace over the airfield runway,taxiway,and soil surface
Accipitriformes	Elanus caeruleus	2	Through out the year(more active from June to October)	Airspace over the airfield runway,taxiway,and soil surface
Accipitriformes	Buteo buteo	2	Through out the year	Airspace over the airfield runway,taxiway,and soil surface
Strigiformes	Asio flammeus	2	October to March of the following year	Outside and adjacent to the airfield perimeter
Falconiformes	Falco tinnunculus	2	October to January of the following year	Airspace over the airfield runway,taxiway,and soil surface
Chariotiformes	Scolopax rusticola	2	April to July,September to December	Low altitude crossing flight zone
Chariotiformes	Vanellus vanellus	2	September to December	Outside and adjacent to the airfield perimeter

Chariotiformes	Gallinago stenura	1	May to October	Low altitude crossing flight zone
Chariotiformes	Gallinago gallinago	1	May to October	Low altitude crossing flight zone
Chariotiformes	Numenius minutus	1	April to May,September to October	On the ground of the flight zone
Chariotiformes	Charadriusa lexandrinus	1	Through out the year(active from April to July)	On the ground of the east apron of the flight zone
Chariotiformes	Charadriusles chenaultii	1	September to December	Activities out side the perimeter or high-altitude crossing of flight zones
Chariotiformes	Charadrius veredus	1	April to May	Activities outside the perimeter or high-altitude crossing of flight zones
Chariotiformes	Larus ridibundus	2	September to February of the following year	Over the sea area outside the perimeter of the flight zone
Chariotiformes	Chlidonias leucopterus	1	April to June	Airspace over the airfield runway,taxiway,and soil surface

Apodiformes	Apus affinis	1	March to October	Over the soil surface of the flight zone
Apodiformes	Caprimulgus indicus	1	Through out the year(more active in summer and autumn)	Low altitude crossing flight zone
Columbiformes	Streptopelia chinensis	1	Through out the year	On the ground of the flight zone
Columbiformes	Streptopelia orientalis	2	July to March of the following year	On the ground of the flight zone
Passeriformes	Hirundo rustica	1	March to October	Over the soil surface of the flight zone
Passeriformes	Lanius schach	1	March to October	Outside and adjacent to the airfield perimeter
Passeriformes	Pica pica	2	Through out the year	Out side and adjacent to the airfield perimeter
Passeriformes	Acridothere scristatellus	1	Through out the year	Out side and adjacent to the airfield perimeter
Passeriformes	Sturnus nigricollis	1	Through out the year	Outside and adjacent to the airfield perimeter
Pelecaniformes	Bubulcus ibis	2	April to October	On the ground of the flight zone
Pelecaniformes	Ardeola bacchus	2	June to September	Outside and adjacent

				to the airfield perimeter
Pelecaniformes	Nycticorax nycticorax	2	Through out the year(more activein summer and autumn)	Outside and adjacent to the airfield perimeter
Pelecaniformes	Phalacrocorax carbo	4	November to March of the following year	Over the sea area outside the perimeter of the flight zone