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

ZSFZ-福州/长乐 FUZHOU/Changle

ZSFZ 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	N25°56.0' E119°39.9' Center of RWY
2	方向、距离 Direction and distance from city	112 °GEO, 39.2km from city center
3	标高/参考气温 Elevation / Reference temperature	14.3m/32.0℃(JUL)
4	机场标高位置/大地水准面波幅 AD ELEV PSN / geoid undulation	THR of RWY21-/-
5	磁差/年变率 MAG VAR/ Annual change	3°9′W(1996)/
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	Yuan Xiang(Fuzhou) International Airport Group CO. Zhang Gang 350209,Changle City, Post code:350209 TEL:86-591-28013372 FAX:86-591-28013368 AFS:ZSFZYDYX Website:http://www.fuzhouairport.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	*Strong magnetic field

ZSFZ 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	H24
3	卫生健康部门 Health and sanitation	H24

4	航行情报服务讲解室 AIS Briefing Office	H24
5	空中交通服务报告室 ATS Reporting Office (ARO)	H24
6	气象讲解室 MET Briefing Office	H24
7	空中交通服务 ATS	H24
8	加油 Fuelling	H24
9	地勤服务 Handling	H24
10	保安 Security	H24
11	除冰 De-icing	Nil
12	备注 Remarks	Nil

ZSFZ 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, fork-lift, baggage transporter, tow-tractor
2	燃油/滑油牌号 Fuel/oil types	Nr.3 jet fuel --
3	加油设施/能力 Fuelling facilities/capacity	Tank vehicle, hydrant dispenser: 13.3 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 available for various types of aircraft on request: A319/320/321, B737-300/400/500/700/800, B757-200, B767-300, CRJ-200, EMB145, MD90

7	备注 Remarks	Ground power unit, ground air supply unit, ground air preconditioning unit

ZSFZ AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	At AD and in the city
2	餐馆 Restaurants	At AD and in the city
3	交通工具 Transportation	Passenger's coaches, taxis
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	At AD
6	旅行社 Tourist Office	Nil
7	备注 Remarks	Nil

ZSFZ 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: command car, heavy-duty foam tender, rapid fire fighting tender, primary fire fighting tender, medium-load foam tender, demolition rescue truck, medicament reinforcement car, illumination truck, logistics truck; Rescue equipments: 150m mobile surface operation devices, lifting equipment, towing rack, towing platform, jack, rubber ties, 40T jacking air bag
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTOW up to B747-400
4	备注 Remarks	XIAMEN/Gaoqi(ZSAM) airport shall offer equipment to remove the disabled aircraft.

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

1	可用季节及扫雪设备类型	All seasons

	Types of clearing equipment	Not applicable
2	扫雪顺序 Clearance priorities	Not applicable
3	备注 Remarks	Nil

ZSFZ 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:	CONC
		Strength:	PCN 83/R/B/W/T: Stands Nr.1-23, 80 PCN 82/R/B/W/U: Stands Nr.37-40 PCN 60/R/B/W/U: Stands Nr.24-36, 41 PCN 58/R/B/W/T: Stands Nr.81-92 PCN 51/R/B/W/T: South and north apron PCN 35/R/B/W/U: Stands Nr.71-78 PCN 22/R/B/W/T: Helipad
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	56m: B2 34m: A2, A9, B3-B9 33m: E 28.5m: A1, A4-A7, A10 23m: A, B 11m: K1
		Surface:	CONC, ASPH(partial K1)
		Strength:	PCN 83/R/B/W/T: A(except BTN A10 & North apron), A1, A2, A9, A10, B, B3-B9 PCN 82/R/B/W/U: B2 PCN 51/R/B/W/T: A(BTN A10 & North apron), A4-A7, E PCN 22/F/B/W/T: K1(ASPH) PCN 22/R/B/W/T: K1(CONC)
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	

ZSFZ 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 TWYs and RWY and at all holding positions. Guide lines at all TWYs and aprons. Aircraft identification signs at all stand. Parking stands Nr. 2-19, 28, 29, 32-34, 37-41 for Visual Docking Guidance system.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	Pre-threshold marking,THR, RWY designation, TDZ, center line, edge line, aiming point
		RWY lights	Edge line, center line, THR, RWY end
		TWY markings	Center line, edge line, RWY holding positions, taxi holding positions, intermediate holding position, no entering marking
		TWY lights	Edge line, center line, RWY guard lights, rapid exit TWY indicator, no entering wing bar
3	停止排灯 Stop bars	Nil	
4	备注 Remarks	Blue apron edge line lights	

ZSFZ AD 2.10 机场障碍物 Aerodrome obstacles

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

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	备注 Remarks
1	MT	003	3191	96.9		
2	MT	004	5959	82.3		
3	MT	007	7509	177.1		
4	MT	008	5661	78.8		
5	MT	013	7638	201.5	RWY21 NDB Final approach	
6	*Chimney	014	3063	58.9		

Obstacles within a circle with a radius of 15km centered on the center of RWY 03/21						
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	备注 Remarks
7	MT	016	3879	70.2	RWY21 GP INOP Final approach	
8	BLDG	018	1189	24.8		
9	*BLDG	018	3170	66.7		
10	MT	023	7009	94.3	RWY21 VOR/DME Final approach	
11	*GP Antenna	024	1457	14.9	RWY21 ILS/DME Final approach	
12	MT	048	4109	62.5		
13	MT	051	2461	57.6		
14	Radar	149	2509	64.0		
15	*Control TWR	159	1103	75.6		
16	*Iron TWR	194	2250	41.9	RWY03 GP INOP Final approach	
17	*DME	215	1501	21.4	RWY03 ILS/DME approach	
18	MT	249	453	34.1		
19	MT	256	14800	444.6		
20	MT	266	1679	105.1	RWY03 VOR/DME Final approach	
21	MT	277	3664	98.1		
22	Iron TWR	280	2414	91.6		
23	MT	280	2913	66.7		
24	Pole	281	2305	75.4		
25	MT	283	5821	152.2		
26	Iron TWR	287	2999	70.2		
27	Iron TWR	288	3341	91.6		

Obstacles within a circle with a radius of 15km centered on the center of RWY 03/21						
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	备注 Remarks
28	MT	288	5841	156.3		
29	MT	289	3600	87.7		
30	Iron TWR	289	3671	82.1		
31	Pole	289	5373	139.8		
32	Pole	289	5580	136		
33	Iron TWR	290	3848	64.3		
34	Iron TWR	291	2877	65.7		
35	Iron TWR	291	2908	63.2		
36	Iron TWR	291	3024	77.8		
37	Pole	291	3517	92.5		
38	Pole	291	3855	81.4		
39	Pole	291	5315	146.4		
40	Iron TWR	293	2994	91.4		
41	Iron TWR	293	3824	93.2		
42	Pole	293	4876	110.7		
43	MT	293	9300	240.6		
44	Iron TWR	296	3808	81.5		
45	MT	296	11250	542.9		
46	MT	301	14000	646.3		
47	MT	307	9600	203.8		
48	MT	310	3728	60.2		
49	MT	310	13390	565		
50	MT	317	14400	630.7		
51	*MT	333	5970	132.1		
52	MT	356	3809	56.1		

Obstacles within a circle with a radius of 15km centered on the center of RWY 03/21						
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	备注 Remarks
53	MT	357	5588	108.4		
54	MT	358	4347	64.7		
55	MT	359	5307	87.7		
Others:						

Obstacles between two circles with the radius of 15km and 50km centered on the center of RWY 03/21						
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	备注 Remarks
1	MT	005	39000	546		
2	MT	205	19600	373		
3	MT	208	18475	336	RWY 21 Take-off path	
4	MT	209	19284	468	RWY 21 Take-off path	
5	MT	209	20770	525	RWY 21 Take-off path	
6	MT	211	19685	461	RWY 21 Take-off path	
7	MT	212	16370	289	RWY03 VOR/DME Intermediate approach RWY21 Take-off path	
8	MT	213	18375	433	RWY 21 Take-off path	
9	MT	213	20495	467	RWY 21 Take-off path	
10	MT	214	17250	482	RWY03 GP INOP Final approach RWY21 Take-off path	
11	MT	214	19530	567	RWY03 VOR/DME, GP INOP Intermediate approach	

Obstacles between two circles with the radius of 15km and 50km centered on the center of RWY 03/21						
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	备注 Remarks
					RWY21 Take-off path	
12	MT	227	21970	616	RWY03 RNAV Initial approach	
13	MT	246	47500	884		
14	MT	253	32500	603		
15	MT	257	15500	557		
16	MT	259	46800	1000		
17	MT	260	39500	842		
18	MT	270	35500	611		
19	MT	302	30000	919		
20	MT	326	34000	765		
21	MT	333	29000	577		
22	MT	347	43300	638		
Others: Other obstacles refer to AD OBST chart.						

ZSFZ 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	相关气象台的名称 Associated MET Office	Fujian province ATMB MET Station
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	Fujian province ATMB MET Station 9 HR/3 HR; 24HR/6 HR

4	趋势预报发布间隔 Issuance interval of trend forecast	Trend 1 HR
5	所提供的讲解/咨询服务 Briefing/consultation provided	P, T
6	飞行文件及其使用语言 Flight documentation, Languages used	Chart, International MET Codes, Abbreviated Plain Language Text Ch, En
7	讲解/咨询服务时可利用的图表和其它信息 Charts and other information available for briefing or consultation	Synoptic charts, significant weather charts, upper W/T charts, satellite material, AWOS real-time data
8	提供信息的辅助设备 Supplementary equipment available for providing information	FAX , MET Service Terminal, Internet
9	提供气象情报的空中交通服务单位 ATS units provided with information	Fuzhou APP, Fuzhou TWR, Fuzhou flight service 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)	RVR EQPT A: 100m W of RCL, 300m inward THR B: 100m W of RCL, 373m inward THR SFC wind sensors 03: 110m W of RCL, 310m inward THR RWY center: 110m W of RCL,1800m inward THR 21: 110m W of RCL, 353m inward THR Ceilometer 03: 1090m S of THR03 21: 1000m N of THR21
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 tables AVBL

	Climatological information	
15	其他信息 Additional information	Nil

ZSFZ 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 / SWYsurface	着陆入口坐标及高程异常 THR coordinates and geoid undulation	跑道入口标高,精密进近跑道接地带最高标高 THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
03	027 ℃GEO 030 ℃MAG	3600×45	83/R/B/W/T CONC/-		THR6.3m TDZ7.3m
21	207 ℃GEO 210 ℃MAG	3600×45	83/R/B/W/T CONC/-		THR14.3m TDZ14.3m
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)	无障碍物区 OFZ	跑道端安全区长宽 RWY end safety area dimensions(m)
7	8	9	10	11	12
See AOC	Nil	Nil	3720×300	Nil	300×120
See AOC	Nil	Nil	3720×300	Nil	240×120
Remark:					

ZSFZ 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	3600	3600	3600	3600	Nil
03	3485	3485	3485	3600	FM A2
21	3600	3600	3600	3600	Nil
21	3485	3485	3485	3600	FM A9

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
Remarks:					

ZSFZ 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	PALS CAT I* 900m LIH	GREEN Yes	PAPI LEFT 400m inward THR03 3°	Nil	3600m** spacing 30m	3600m*** spacing 60m	RED	Nil
21	PALS CAT I* 900m LIH	GREEN Yes	PAPI LEFT 430m inward THR21 3°	Nil	3600m** spacing 30m	3600m*** spacing 60m	RED	Nil
Remarks: * SFL ** up to 2700m White LIH, 2700-3300m Red/White LIH, 3300-3600m Red LIH *** up to 3000m White LIH, 3000-3600m Yellow LIH								

ZSFZ AD 2.15 其他灯光,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	Yes
2	着陆方向标/风向标位置和灯光 LDI/WDI location and LGT	WDI: 03:120m W of RCL, 410m inward THR03, with light 21:120m W of RCL, 450m inward THR21, with light

3	滑行道边灯和中线灯 TWY edge and center line lighting	All TWYs: Blue edge light, green center line light
4	备份电源/转换时间 Secondary power supply/switch-over time	Two way power supply available, diesel generator unit/≤15sec
5	备注 Remarks	Nil

ZSFZ 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（m/ft） TLOF and/or FATO elevation (m/ft)	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

ZSFZ AD 2.17 空中交通服务空域 ATS airspace

名称 Designation	水平范围 Lateral limits	垂直范围 Vertical limits	备注 Remarks
Fuzhou tower control area	A circuit, 2 arcs with radius 20km centered at ARP and 2 parallel lines of 10km from RCL.	GND-900(QNH)	
Fuel Dumping Area	N2551.0E11909.0—N2546.0E12018.0—N2524.0E12016.0—N2529.0E11907.0	4500m and above	See Fuel Dumping Area Chart

名称 Designation	水平范围 Lateral limits	垂直范围 Vertical limits	备注 Remarks
Altimeter setting region and TL/TA	A circle with a radius of 74km centered on Fuzhou VOR/DME.	TL 3600m TA 3000m 3300m(QNH≥1031hPa) 2700m(QNH≤979hPa)	

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

服务名称 Service Designation	呼号 Call sign	频率 Frequency (MHz)	工作时间 Hours of operation	备注 Remarks
1	2	3	4	5
ATIS		126.4		
APP	Fuzhou Approach	125.175(133.05)AP01	H24	
APP	Fuzhou Approach	124.85(133.05)AP02	H24	
APP	Fuzhou Approach	127.925(133.05)AP03	0130-1230	
TWR	Fuzhou Tower	118.45(124.35)	H24	
GND	Fuzhou Ground	121.6(124.35)	0100-1000	Contact TWR when GND U/S.
APN	Fuzhou Apron	121.725	H24	
EMG		121.50	H24	

ZSFZ 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
Lianjiang VOR/DME	LJG	117.6MHz CH123X	N26°13.2' E119°32.9' 343°MAG/33707m FM ARP		R040°-R155° clockwise(except R117°, R128° and R133°) U/S; Beyond 21NM on R189° U/S. For DME: beyond 20NM on R004°, R328°-R332°

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
					clockwise U/S; For enroute DME: beyond 31NM on R287 °at 3000m(QNE), beyond 27NM on R287 °at 2400m(QNE) U/S.
Fuzhou VOR/DME	FOC	116.8MHz CH115X	N25°56.6′ E119°39.8′ 013 °MAG/838m FM ARP		R010 °-R175 °(except 013 °, 016 °, 034 °) clockwise U/S.
Fuqing VOR/DME	FQG	117.4MHz CH121X	N25°44.4′ E119°23.1′ 236 °MAG/35108m FM ARP		Beyond 25NM on R037 °U/S.
MM 03		75MHz	210 °MAG/ 1000m FM THR 03		
LOC 03 ILS CAT I	ICL	110.7MHz	030 °MAG/ 250m FM end RWY03		Beyond 22NM of front course U/S.
GP 03		330.2MHz	150m W of RCL 295m FM THR		Angle 3 ° RDH 15m
DME 03	ICL	CH44X (110.7MHz)			Co-located with GP 03
LMM 21	N	229kHz	N25 °57.4' E119 °40.5' 030 °MAG/ 1050m FM THR 21		BRG 200 °-355 ° clockwise (except BRG 210 °for APCH), beyond 16NM on BRG 54 °for APCH U/S
LOC 21 ILS CAT I	INN	110.3MHz	210 °MAG/ 275m FM end 21		Beyond 11NM of front course U/S. Beyond 10 °leftside of

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
					front coures U/S. Beyond 27 °rightside of front coures U/S.
GP 21		335.0MHz	130m W of RCL 339m FM THR		Angle 3 ° RDH 15m
DME 21	INN	CH40X (110.3MHz)		15m	Co-located with GP 21

ZSFZ AD 2.20 本场飞行规定

ZSFZ AD 2.20 Local traffic regulations

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。

1.3 可使用最大机型:B747 及其同类机型.

1.Airport operations regulations

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

1.2 Each and every technical test flight shall be filed in advance and shall be made only after clearance has been obtained from ATC.

1.3 Maximum aircraft to be available:B747 and equivalent.

2. 跑道和滑行道的使用

2.1 可以通过福州机坪申请引导车和拖车服务。禁止从滑行道 A4、A5、A6、A7 进入跑道。

2.2 在滑行道 B（含）以西滑行的航空器必须听从

2. Use of runways and taxiways

2.1 Follow-me vehicle service and towing service are available via Apron Control. Entering the RWY via TWY A4, A5, A6 and A7 is forbidden.

2.2 Aircraft taxiing on west of TWY B (inclusive)

塔台管制指挥。

shall comply with the instructions of Tower Control.

2.3 A340-600、B777-300 的运行路线:

2.3 Taxi routes for Aircrafts type A340-600 and B777-300:

2.3.1 03 号跑道起飞时,机坪-B2、B3 或 B7 滑-A 滑-A1 滑-跑道。

2.3.1 Departure via RWY 03: APRON-TWY B2, TWY B3 or TWY B7-TWY A-TWY A1-RWY 03.

2.3.2 03 号跑道降落时,跑道-A7 或 A10 滑-A 滑-B2、B3 或 B7 滑-机坪。

2.3.2 Arrival via RWY 03: RWY 03-TWY A7 or TWY A10-TWY A-TWY B2, TWY B3 or TWY B7-APRON.

2.3.3 21 号跑道起飞时,机坪-B2、B3 或 B7 滑-A 滑-A10 滑-跑道。

2.3.3 Departure via RWY 21: APRON-TWY B2, TWY B3 or TWY B7-TWY A-TWY A10-RWY 21.

2.3.4 21 号跑道降落时,跑道-A1 或 A4 滑-A 滑-B2、B3 或 B7 滑-机坪。

2.3.4 Arrival via RWY21: RWY 21-TWY A1 or TWYA4-TWY A-TWY B2, TWY B3 or TWY B7-APRON.

2.3.5 上述两类机型可使用 B2、B3、B7 在 T1 机坪滑行通道、A 滑和 B 滑进行 S 型或 180°转弯。

2.3.5 Aircraft type A340-600 and B777-300 can use TWY B2, B3 and B7 in TWY A, B and T1 to make S shape or 180°turn.

2.4 所有起飞的航空器需要做好由 A2 或 A9 滑行道进入跑道并使用非全跑道起飞的准备；若机组认为无法实施上述要求，须在进入 A2 或 A9 滑行道之前，向塔台管制员说明。

2.4 All departure aircrafts shall get ready to enter RWY via TWY A2 or TWY A9, and then make partial RWY take-off.If aircraft can not make partial RWY take-off, the flight crew shall contact TWR before entering TWY A2 or TWY A9.

2.5 航空器应当在挂好拖车后向福州机坪申请推出指令。当机组获得推出指令后，必须在 2min 内

2.5 Departure aircraft shall contact Fuzhou Apron for clearance before push-back and start-up.After getting

执行；若超时，则管制指令自动取消，需要重新申请。

ATC clearance for push-back and start-up, departure aircraft shall execute instruction within 2 minutes. Otherwise, ATC clearance will be failure, and the aircrew shall apply for clearance again.

2.6 为规范航空器进入跑道和落地后的跑道占用时间，提高跑道容量，根据福州机场跑道及其快速脱离道的布局，做如下要求（湿跑道或污染跑道除外）：

2.6 Except for wet or contaminated RWY, requirement as follows to increase RWY operation capacity:

2.6.1 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。若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前，向塔台管制员说明。

2.6.1 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.

2.6.2 落地航空器应尽快脱离跑道，从接地到滑出跑道时间应控制在 50s 以内。若机组认为无法在上述要求的时间内完成，须在建立航向道前，向进近管制员说明。落地航空器脱离跑道后应及时向塔台管制员报告已脱离跑道和脱离所使用的滑行道。

2.6.2 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. As soon as vacate the RWY, the flight crew shall report and inform the TWY they used to TWR controller.

2.7 机场冲突多发地带运行要求（位置详见 ZSFZ AD2.24-1/2）

2.7 Hot spot procedure (Refer to ZSFZ AD2.24-1/2)

2.7.1 使用 03 号跑道，24-30、81-92 号停机位滑出与入位的航空器容易在 B 滑行道上发生对头冲突，航空器滑行至 B8 滑行道前应当在等待线前加强观察。

2.7.1 Using RWY 03 aircraft taxing out and taxing into gate 24-30, 81-90 are prone to collision on TWY B. Before taxing to TWY B8, the observation should be strengthened before waiting line.

2.7.2 航空器从 G1 滑行道进入 T2/T4 滑行道时，容易与 81-92 号机坪运行的航空器发生冲突，航空器滑行至 T2/T4 滑行道前应当在等待线前加强观察。

2.7.2 Aircraft taxing from TWY G1 to TWY T2/T4 are prone to collision with aircraft on gate 81-92. Before aircraft taxing to TWY T2/T4, the observation should be strengthened before wating line.

3. 机坪和机位的使用

3. Use of aprons and parking stands

3.1 未经福州机坪同意，严禁航空器利用自身动力倒滑；

3.1 Push-back of aircraft on its own power is strictly forbidden without Apron Control clearance;

3.2 在远机位、专机位、货机位、维修机位停靠的航空器由地面人员指挥其进、出机位；

3.2 Aircraft parking/docking on stand-off stand, VIP flight parking stand, cargo aircraft parking stand or maintenance parking stand will be guided by a marshaller for entry/exit;

3.3 发动机试车，需经福州机坪许可，在指定地点进行。严禁在廊桥附近和客机坪试大车；

3.3 Engine run-ups are subject to Apron Control clearance, and may only be carried out at a designated location. Fast engine run-ups near boarding bridges or on apron are strictly forbidden;

Engine run-up location	Limits
South apron	Available for aircraft with wing span≤52m Towed along A-E to South Apron , then pushed back until nose to north

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

停机位/Stands	航空器翼展限制/	机身长度限制/	滑出/Exit

	Wing span limits for aircraft	Fuselage limits	
Nr. 1	≤65	≤70.67	push back by tow tractors
Nr. 3-7	≤65m	≤70.9m	push back by tow tractors
Nr. 2,8-14	≤52m	≤70.9m	push back by tow tractors
Nr. 15-17	≤36m	≤50m	push back by tow tractors
Nr. 19-23,80	≤36m	≤43.5m	1.ACFT with wing span not exceeding 24m and fuselage not exceeding 30m shall taxi out parking stand NR.19 and NR.22 by own power. 2.ACFT shall taxi out by own power or be pushed back parking stand NR.89-92, crew shall operate by APN or maintenance clearance. 3.ACFT shall be pushed back other parking stand.
Nr.18,81-92	≤36m	≤47m	
Nr. 31-34,36,38	≤36m	≤46.5m	push back by tow tractors
Nr. 39	≤60.9m	≤63.73m	push back by tow tractors
Nr. 37,40	≤65m	≤73.9m	push back by tow tractors
Nr. 24-30,35,41	≤36m	≤44.5m	push back by tow tractors
Nr.71	≤30.4	≤34.6	taxi out by own power or push back
Nr. 72-74	≤30.4	≤36.4	
Nr. 75-77	≤24	≤36.4	
Nr.78	≤24	≤34.6	

3.5 停靠 17、18 号机位的航空器不能同时运行,停靠 1、41 号机位的航空器不能同时运行。

3.5 Aircraft parking on stands Nr.17 and Nr.18 are forbidden to operate simultaneously; Aircraft parking on stands Nr.1 and Nr.41 are forbidden to operate simultaneously.

3.6 停机位 26-36 号、81-84 号航空器入位需偏置转弯。

3.6 Aircraft parking on stands Nr.26-36, Nr.81-84 reservation to offset turning into.

3.7 停机位 71-78、89-92 号允许航空器利用自身动力滑出或由牵引车推出，具体方式需听从机坪和机务的指令。其他机位停靠的航空器须由牵引车推出。

3.7 Stands Nr.71-78, Nr.89-92 entry and exit by taxiing in and out, specific ways follow instructions of APN and ground crew. The other stands exit by pushing out.

3.8 机坪滑行道 G、G1、T2、T3、T4、T5、R 仅允许翼展不超过 36m 的航空器通行。

3.8 TWY G, G1, T2, T3, T4, T5, R use for wing span limits 36m.

3.9 相邻机位禁止两架航空器同时运行，包括同时进入、同时推出/滑行、同时一进一出。

3.9 On adjancent parking stands, two aircrafts are forbidden to move, including taxi-in or taxi-out by own power, pushed-back simultaneously.

3.10 停放在近机位的航空器因 APU 故障需要原地启动一发时，获得福州机坪许可后，在廊桥处于回位状态下，方可在机位上启动发动机。

3.10 When aircraft parking on boarding bridge stands, if APU is unavailable, aircrew shall contact Fuzhou Apron for clearance, then start the engine when boarding bridge is retracted.

3.11 进港航空器由滑行通道转入机位引入线之前必须停住观察，确认无安全风险后，方可滑行入位。否则，应当立即停止滑行，及时报告福州机坪，等待后续处置。

3.11 Arrial aircraft shall stop and observe on TWYs before turning into stands lead-in lines, make sure there is no security risk, then taxi-in.Otherwise, stop immediately and report Fuzhou Apron, wait till

further instruction.

3.12 1 号停机位停放翼展大于 36m 的航空器时，41 号停机位停止使用，2 号停机位只能停放翼展不大于 36m，机身长度不大于 50m 的航空器。

3.12 When aircraft that wing span limits≤36m parking on stand Nr.1, stand Nr.41 U/S, stand Nr.2 wing span limits≤36m and fuselage limits≤50m.

3.13 1 号停机位停放机长大于 59.4m 的航空器时，后方服务车道停止使用。

3.13 When aircraft that fuselage limits≥59.4m parking on stand Nr.1， the rear service lane U/S.

3.14 航空器在安装了 APU 替代设备的机位停靠保障期间都应使用 APU 替代设备，而不应开启使用 APU，除非处于以下五种情形中：

3.14 Aircraft parking at boarding bridge stands shall turn off APU, use APU replacement equipment. Aircraft can use APU as the following situation:

3.14.1 机场不能提供有效的 APU 替代设备服务；

3.14.1 APU replacement equipment is unserviceable;

3.14.2 航空器因启动发动机而需开启 APU；

3.14.2 Aircraft needs APU to start up engine;

3.14.3 航空器进行 APU 的维修检测活动；

3.14.3 APU is under maintenance;

3.14.4 遇到影响航班安全、正常运行的特殊情况，例如极端天气、专机保障等有关情况；

3.14.4 In case of exceptional circumstance influencing the regularity and safty of operation, such as extreme weather, special plane support, aircraft can use APU;

3.14.5 已在 APU 替代设备使用协议中说明的其他情况。

3.14.5 Other situation in APU replacement equipment agreement.

4. 进、离场管制规定

4. Air traffic control regulations

4.1 离港航空器地面运行程序：

4.1 Ground movement procedures for departure aircraft:

4.1.1 航空器准备完毕,机组向福州地面申请开车指令;

4.1.1 Contact GND for start-up clearance after aircraft is ready;

4.1.2 得到开车指令后,机组向福州机坪申请推出许可;

4.1.2 Contact APN for push-back clearance upon receiving start-up clearance;

4.1.3 航空器开车后,机组向福州机坪申请停机坪内滑行许可;

4.1.3 Contact APN for taxiing clearance on apron after start-up;

4.1.4 航空器离开机坪进入联络道前,机组向福州塔台申请进一步滑行许可。

4.1.4 Contact TWR before entering into TWY to obtain further clearance.

4.2 进港航空器地面运行程序:

4.2 Ground movement procedures for arrival aircraft:

4.2.1 航空器着陆后,机组向福州塔台申请地面滑行许可;

4.2.1 Landing aircraft shall contact TWR for taxiing clearance;

4.2.2 航空器脱离跑道后,跟随地面引导车滑行或福州塔台指挥滑行;

4.2.2 Follow the follow-me car or contact TWR after vacating RWY;

4.2.3 航空器进入机坪前,机组联系福州机坪申请停机位。

4.2.3 Contact APN to obtain parking stand before entering apron.

5. 机场的 II/III 类运行

5. CAT II/III operations at AD

无

Nil

6. 除冰规则

6. Rules for deicing

无

Nil

7. 平行跑道同时仪表运行

7. Simultaneous operations on parallel runways

无

Nil

8. 警告

8. Warning

8.1 任何飞行严禁向东（海上）绕飞；

8.1 Any circumnavigation to east (seawards) is strictly forbidden;

8.2 航空器使用 03 号跑道执行 LJG01A, LJG03A 仪表进近程序时，严格保持航迹，严禁偏西。

8.2 Aircraft conducting LJG01A or LJG03A Instrument Approach Procedure shall strictly maintain flight tracks, westward deviation is strictly forbidden.

9. 直升机飞行限制，直升机停靠区

9. Helicopter operation restrictions and helicopter parking / docking area

9.1 直升机在本场起降时，须主动避让其他正在起飞、降落或滑行的航空器。

9.1 While helicopter taking off or landing at the airport, it shall yield to other aircraft which taking off, landing or taxiing.

ZSFZ AD 2.21 噪音限制规定及减噪程序

ZSFZ AD 2.21 Noise restrictions and Noise abatement procedures

无

Nil

ZSFZ AD 2.22 飞行程序

ZSFZ AD 2.22 Flight procedures

1. 总则

1. General

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

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

2. 起落航线

起落航线在跑道西侧，C、D 类航空器高度 700m，A、B 类航空器高度 400m。

2. Traffic circuits

Traffic circuits shall be made to the west of runway, at the altitude of 700m for aircraft CAT C/D, and 400m for aircraft CAT A/B.

3. 仪表飞行程序

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

3. IFR flight procedures

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.

4. 雷达程序和/或 ADS-B 程序

福州进近管制区域内实施雷达管制。航空器最小水平间隔为 6k m，最小垂直间隔为 300m。

4. Radar procedures and/or ADS-B procedures

Radar control within Fuzhou APP has been implemented. The minimum horizontal radar separation is 6km, the minimum vertical radar separation is 300m.

5. 无线电通信失效程序

无

5. Radio communication failure procedures

Nil

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

RNAV 飞行程序须得到管制员预先许可，并严格按照管制指定的程序执行。

飞行机组在进、离场首次联系福州进近或福州塔台时，不具备 RNAV 能力的航空器应主动通报。

10. Data for RNAV flight procedures

RNAV flight procedure should be conducted only after clearance obtained from ATC.

Flight crew shall inform APP or TWR at the first contact if RNAV flight procedure could not be conducted.

Waypoint list

ID	COORDINATES(WGS-84)
FZ004	N254519 E1193345
FZ005	N254342 E1193250
FZ006	N254539 E1192834
FZ007	N255804 E1193532
FZ008	N254146 E1193701
FZ009	N255437.8 E1194419.6
FZ010	N261300 E1194303
FZ011	N262811 E1194322
FZ012	N270000 E1194403
FZ013	N271542 E1193320

FZ014	N253749 E1193215
FZ015	N253330 E1192703
FZ104	N260414 E1194424
FZ105	N260552 E1194520
FZ106	N260751 E1194103
FZ107	N260457 E1193925
FZ108	N255053 E1193653
FZ109	N254826 E1194213
FZ110	N255401 E1194522
FZ111	N263915 E1193308
FZ113	N253109 E1190734
FZ114	N252843 E1191515
FZ115	N254403 E1193945
BZ	N2806.1 E11933.7
FOC	N2556.6 E11939.8
FQG	N2544.4 E11923.1
LJG	N2613.2 E11932.9
XLN	N2433.9 E11800.9
ENVEN	N2520.5 E11855.1
PONEN	N2537.5 E12024.0
RUPOX	N2707.6 E12011.3

Waypoint sequence for RWY03 arrival

BZ-51J	(IF) BZ	FZ013	LJG 2100	FZ007 1800 MAX 380kmH	FZ006 1200	FZ005 900
	FZ004 900					

BZ-53J	(IF) BZ	FZ013	LJG 2100	FZ009 1800 MAX 380kmH	FZ008 1200	FZ005 900
	FZ004 900					
BZ-55J (by ATC)	(IF) BZ	FZ013	FZ012	FZ011 2700	FZ010 ↑2100	FZ009 1800 MAX 380kmH
	FZ008 1200	FZ005 900	FZ004 900			
DS-51J	(IF) RUPOX	FZ011 2700	LJG 2100	FZ007 1800 MAX 380kmH	FZ006 1200	FZ005 900
	FZ004 900					
DS-53J (by ATC)	(IF) RUPOX	FZ011 2700	FZ010 ↑2100	FZ009 1800 MAX 380kmH	FZ008 1200	FZ005 900
	FZ004 900					
DS-55J (by ATC)	(IF) RUPOX	FZ012	FZ011 2700	FZ010 ↑2100	FZ009 1800 MAX 380kmH	FZ008 1200

	FZ005 900	FZ004 900				
PON-51J	(IF) PONEN ↑6600	FZ009 1800 MAX 380kmH	FZ008 1200	FZ005 900	FZ004 900	
XL-51J	(IF) XLN	ENVEN	FZ113	FQG 1800 MAX 380kmH	FZ005 900	FZ004 900
XL-53J (by ATC)	(IF) XLN	ENVEN	FZ114	FZ015 1800 MAX 380kmH	FZ014 ↑1200	FZ005 900
	FZ004 900					

Waypoint sequence for RWY03 holding procedure

(HM) FZ011	3000	Fly over point	184 °(inbound angle)	Right turn direction	MAX 450kmH
(HM) LJG	2100	Fly over point	156 °(inbound angle)	Left turn direction	MAX 450kmH
(HM) FQG	2100	Fly over point	098 °(inbound angle)	Right turn direction	MAX 450kmH
(HM) FZ015	2100	Fly over point	051 °(inbound angle)	Left turn direction	MAX 450kmH

Waypoint sequence for RWY21 arrival

BZ-52J	(IF)	FZ013	FZ111	LJG	FZ106	FZ105

	BZ			1500	900 MAX 380kmH	↑500
	FZ104 500					
BZ-54J (by ATC)	(IF) BZ	FZ013	FZ111	FZ011 2400	FZ010 1200 MAX 380kmH	FZ105 ↑500
	FZ104 500					
BZ-56J (by ATC)	(IF) BZ	FZ013	FZ012	FZ011 2400	FZ010 1200 MAX 380kmH	FZ105 ↑500
	FZ104 500					
DS-52J (by ATC)	(IF) RUPOX	FZ011 2400	LJG 1500	FZ106 900 MAX 380kmH	FZ105 ↑500	FZ104 500
DS-54J (by ATC)	(IF) RUPOX	FZ011 2400	FZ010 1200 MAX 380kmH	FZ105 ↑500	FZ104 500	
DS-56J (by ATC)	(IF) RUPOX	FZ012	FZ011 2400	FZ010 1200 MAX	FZ105 ↑500	FZ104 500

				380kmH		
PON-52J	(IF) PONEN ↑6600	FOC	FZ007 1800	FZ107 1200	FZ106 900 MAX 380kmH	FZ105 ↑500
	FZ104 500					
XL-52J	(IF) XLN	ENVEN	FQG 2100	FZ007 1800	FZ107 1200	FZ106 900 MAX 380kmH
	FZ105 ↑500	FZ104 500				
XL-54J (by ATC)	(IF) XLN	ENVEN	FQG 2100	FZ007 1800	LJG 1500	FZ010 1200 MAX 380kmH
	FZ105 ↑500	FZ104 500				
XL-56J (by ATC)	(IF) XLN	ENVEN	FZ015 2400	FZ008 2100	FZ107 1200	FZ106 900 MAX 380kmH
	FZ105 ↑500	FZ104 500				

Waypoint sequence for RWY21 holding procedure

(HM) FZ011	3000	Fly over point	184 ℉(inbound angle)	Right turn direction	MAX 450kmH

(HM) LJG	1800	Fly over point	129 ℃(inbound angle)	Left turn direction	MAX 450kmH
(HM) FQG	2100	Fly over point	043 ℃(inbound angle)	Right turn direction	MAX 450kmH
(HM) FZ015	2400	Fly over point	051 ℃(inbound angle)	Left turn direction	MAX 450kmH

Waypoint sequence for RWY03 departure

BZ-61K	(CF) FZ105	LJG 1500	FZ111	FZ013	BZ	
BZ-63K (by ATC)	(CF) FZ105	FZ010 ↑900	FZ011 ↑1800	FZ012	FZ013	BZ
DS-61K	(CF) FZ105	LJG 1500	FZ011 ↑1800	RUPOX		
DS-63K (by ATC)	(CF) FZ105	FZ010 ↑900	FZ011 ↑1800	RUPOX		
DS-65K (by ATC)	(CF) FZ105	FZ010 ↑900	FZ011 ↑1800	FZ012	RUPOX	
XL-61K	(CA) 500	(DF)FZ007 ↑1200 MAX 380kmH	FQG 3000	ENVEN	XLN	
XL-63K (by ATC)	(CA) 150 4.2%	(DF)FZ110 ↑600 MAX 330kmH	FZ115 ↑1200	FZ015 ↑1800	ENVEN	XLN

Waypoint sequence for RWY21 departure

BZ-62K	(CF)	FZ109	FZ110	LJG	FZ013	BZ

	FZ108	MAX 380kmH	↑1200	2400		
BZ-64K (by ATC)	(CA) ↑800 4.2%	(DF)FZ007 MAX 380kmH	LJG 2400	FZ013	BZ	
BZ-66K (by ATC)	(CF) FZ108	FZ109 MAX 380kmH	FZ110 ↑1200	FZ010 ↑2100	FZ011 ↑3000	FZ012
	FZ013	BZ				
DS-62K	(CF) FZ108	FZ109 MAX 380kmH	FZ110 ↑1200	LJG 2400	FZ011 ↑3000	RUPOX
DS-64K (by ATC)	(CA) ↑800 4.2%	(DF)FZ007 MAX 380kmH	LJG 2400	FZ011 ↑3000	RUPOX	
DS-66K (by ATC)	(CF) FZ108	FZ109 MAX 380kmH	FZ110 ↑1200	FZ010 ↑2100	FZ011 ↑3000	RUPOX
DS-68K (by ATC)	(CF) FZ108	FZ109 MAX 380kmH	FZ110 ↑1200	FZ010 ↑2100	FZ011 ↑3000	FZ012
	RUPOX					
XL-62K	(CA) ↑800 4.2%	(DF)FQG 1800	FZ113	ENVEN	XLN	
XL-64K	(CF) FZ108	FZ109 MAX 380kmH	FZ110 ↑1200	FOC	FQG 3000	FZ113

	ENVEN	XLN				
XL-66K (by ATC)	(CA) ↑800 4.2%	(DF)FZ015 ↑1500	FZ114	ENVEN	XLN	
XL-68K (by ATC)	(CA) ↑800 4.2%	(DF)FZ014 ↑1200	FZ015 ↑1500	FZ114	ENVEN	XLN

Remark: Navigation performance is RNAV1.

ZSFZ AD 2.23 其它资料

全年有鸟类活动，机场当局采取了驱赶措施，以减少鸟群活动。

ZSFZ AD 2.23 Other information

Activities of bird flocks are found all the year round, Aerodrome Authority resorts to dispersal methods to reduce bird activities.

Type of bird	Activity	Action area	Flight altitude(m)
Ardeidae	The whole year	W of RWY,S of strip	about 10-100
Common Kestrel	October-April (next year)	Apron located in airfield area	about 20-70
Blackwinged Kite	The whole year	Apron located in airfield area	about 30-80
Pigeon	The whole year	Southeast and Northwest of airfield area	about 30-200
Barn Swallow	The whole year	W of RWY	about 10-100
Spotted Dove	The whole year	N of flight area	about 10-30
Ring-necked pheasant	The whole year	W of RWY	about 5-20
Buteo	October-April (next year)	Apron located in airfield area	about 30-70