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

ZUTF-成都/天府 CHENGDU/Tianfu

ZUTF 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	N30°17.4' E104°26.6' Center of RWY02/20
2	方向、距离 Direction and distance from city	138°GEO, 55.0km from Tianfu square, Chengdu
3	标高/参考气温 Elevation / Reference temperature	442.5m/32.4℃(AUG)
4	机场标高位置/大地水准面波幅 AD ELEV PSN / geoid undulation	Center of RWY02/20/-
5	磁差/年变率 MAG VAR/ Annual change	2°20′W/-
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	Sichuan Airport Group CO. LTD. Chengdu Tianfu International Airport, Sichuan province, China. Post code:641400 TEL:86-28-86906088 FAX:86-28-86906089
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/4F：RWY01/19，4E：RWY02/20，RWY11
9	备注 Remarks	Nil

ZUTF 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	H24

	AIS Briefing Office	
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	H24
12	备注 Remarks	Nil

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

1	货物装卸设施 Cargo-handling facilities	Container lift truck (7-35t), conveyor truck, fork(2-8t), tractor, luggage tractor, platform lorry, drum 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	Refueling trucks 45000L, 30L/s. Fuel-hydrant dispenser, 20L/s. Apron refueling well.
4	除冰设施 De-icing facilities	5 De-icers Deicing fluid: type I & type II
5	过站航空器机库 Hangar space for visiting aircraft	Available for aircraft maintenance
6	过站航空器的维修设施 Repair facilities for visiting aircraft	Maintenance tools and equipment
7	备注	Ground air supply unit, ground power unit, passenger stairs, lift truck for disabled, air conditioning unit, rubbish truck, oxygen refilling truck,

	Remarks	cleaning water supply vehicle, sewage car, aerial work vehicle

ZUTF AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	At AD
2	餐馆 Restaurants	At AD
3	交通工具 Transportation	Taxies, airport express, passenger's coaches, subway, high-speed railway, parking area
4	医疗设施 Medical facilities	First aid at AD, hospitals in the city
5	银行和邮局 Bank and Post Office	At AD
6	旅行社 Tourist Office	At AD
7	备注 Remarks	Nil

ZUTF 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 10
2	援救设备 Rescue equipment	Fire fighting facilities: rapid intervention vehicle, primary foam tender, bend arm primary fire-fighting engine, heavy-load foam tank truck, illumination truck, logistics truck, communication command vehicle, demolition rescue truck, heavy-load water tank truck, aerial ladder truck, small size fire fighting truck, dry-chemical tender; Rescue equipment: lift and rescue vehicle, rescue ladder truck, reinforcement car, air padding car
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTWA up to A380(uplift air cushion, air pump, towing platform, fork, mobile surface operation devices, tie-down)
4	备注 Remarks	Nil

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

1	可用季节及扫雪设备类型 Types of clearing equipment	All seasons snow removal vehicles, de-icing fluid spreading trucks

2	扫雪顺序 Clearance priorities	RWY→TWYs connected with RWYs→aprons in operation
3	备注 Remarks	Nil

ZUTF 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 85/R/B/W/T(106, 106L/R, 108L/R, 110, 111, 111L/R, 113-132, 132L/R、134, 135, 135L/R, 137L/R, 161-179, 166L/R, 167L/R, 175L/R, 176L/R, 177L/R, 182-185, 190, 206, 206L/R, 208-212, 212L/R, 214-219, 219L/R, 221, 224, 224L/R, 226-230, 230L/R, 232, 233, 233L/R, 235-237, 237L/R, 239, 239L/R, 241, 241L/R, 243, 243L/R, 261-268, 266L/R, 268L/R, 276-280, 280L/R, 289-293, 500-515, 501L/R, 504L/R, 505L/R, 506L/R, 515L/R, 601-644, 607L/R, 629L/R, 630L/R, 701, 702) PCN 70/R/B/W/T(101-105, 139-145, 180, 181, 186-188, 201-205, 222, 223, 245-252, 269-275, 281-288, 294-296)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	25m: A, A1-A13, B, B1-B3, B7, B8, B10, B11, B13-B22, B25, C(BTN C2 &T1), C1(BTN B&C, BTN C4&C5), C2(BTN B&C), C3, C4, C5(BTN B&C1), C23, D17-D19, J, L5(BTN T3&T5), L6(BTN T3&T5), L7(BTN T3&T5), T1(BTN B&C), T2(BTN B&C), T3-T5, Y2(BTN T3&T5), Y3(BTN T3&T5), Y4(BTN T3&T5)； 23m: B23, C(BTN C2&L7), C1(BTN C&C23), C2(BTN C&C23), C5(BTN C1&C9), C21, C22, D, D1, D2, D4, D6, D9, D12, D15, D20, D24, E, E1, E2, E4-E9, E11, E12, G, G1-G5, G21-G23, K, K1-K5, L6(BTN B&T3), L7(BTN B&T3), L8, L56, L57, M, M1-M3, T1(BTN C&D), T2(BTN C&D), V1-V6, Y3(BTN D&T3), Y4(BTN D&T3), Y5, Y21, Y22； 18m: C6-C10, G6-G10, L4, L5(N of T3), Y2(N of T3), Y6
		Surface:	CONC
		Strength:	PCN 85/R/B/W/T(A, A1-A13, B, B1-B3, B7, B8, B10, B11, B13-B23, B25, C, C1-C5, C21-C23, D, D1, D2, D4, D6, D9, D12, D15, D17-D20, D24, E, E1, E2, E4-E9, E11, E12, G, G1-G5, G21-G23, J, K, K1-K5, L5(BTN T3&T5), L6-L8, L56, L57, M, M1-M3, T1-T5, V1-V6, Y2(BTN T3&T5), Y3-Y5, Y21, Y22)； PCN 70/R/B/W/T(C6-C10, G6-G10, L4, L5(N of T3), Y2(N of T3), Y6)

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

ZUTF 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 & RWYs and at all holding positions. Guide lines at all aprons. Aircraft stand ID markings at stands Nr.166L/R, 167L/R, 190, 500, 607L/R, 617, 627, 701 & 702, and aircraft stand ID sign boards at the other stands. The stands nearby the terminal are equipped with Visual Docking Guidance System. Marshaller guidance is available for remote stands.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	THR, RWY designation, center line, edge line, TDZ, aiming point
		RWY lights	THR, THR wing bar, center line, edge line, RWY end, RTZL (RWY01, 02), road-holding position
		TWY markings	Center line, edge line, TWY shoulders, RWY holding position, intermediate holding position, information marking, mandatory instruction marking
		TWY lights	Center line, edge line, RWY guard light, rapid exit TWY, intermediate holding position, NO-ENTRY bar
3	停止排灯 Stop bars	Stop bars at RWY holding positions(pattern A and B) on TWYs connected with RWY. Stop bars at RWY holding positions(pattern B) of TWYs parallel with RWY.	
4	备注 Remarks	Reflector sticks	

ZUTF AD 2.10 机场障碍物 Aerodrome obstacles

Obstacles within a circle with a radius of 15km centered on ARP

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	BLDG	020	2262	450.0	RWY02 take-off flight path	
2	MT	020	14925	503	RWY20 GP INOP final approach	15m vegetation included
3	Light Pole	030	3433	469.8	RWY02 take-off flight path	
4	MT	080	5522	454.4	RWY11 take-off flight path	15m vegetation included
5	MT	087	6492	472.5	RWY11 take-off flight path	15m vegetation included
6	MT	198	10100	496.0	RWY02 GP INOP final approach	15m vegetation included
7	MT	208	2232	465.0	RWY20 take-off flight path	15m vegetation included
8	MT	259	3188	464.2	RWY19 take-off flight path	15m vegetation included
9	Control TWR	329	1749	540.3	Circling	
10	Light Pole	349	5027	464.6	RWY01 take-off flight path	
11	BLDG	350	4404	447.8	RWY01 take-off flight path	
12	MT	355	6214	484.4	RWY01 take-off flight path	15m vegetation included
Others:						

Obstacles within a circle with a radius of 15km centered on ARP						
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
Nil						

Obstacles between two circles with the radius of 15km and 50km centered on ARP						
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	Power TWR	002	42517	907		
2	MT	004	158031	1352	ATC SMAC	15m vegetation included
3	MT	005	47216	911		15m vegetation included
4	Iron TWR	009	48255	859		
5	MT	017	15438	512	RWY19 GP INOP final approach	15m vegetation included
6	*Chimney	018	47799	666	MSA(ARP) ATC SMAC	
7	MT	030	173671	912	ATC SMAC	15m vegetation included
8	MT	031	153008	746	ATC SMAC	15m vegetation included
9	Power TWR	038	38071	606		
10	MT	069	44611	584	ATC SMAC	15m vegetation

Obstacles between two circles with the radius of 15km and 50km centered on ARP						
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
						included
11	MT	175	60502	677	ATC SMAC	15m vegetation included
12	MT	186	75268	866	ATC SMAC	15m vegetation included
13	MT	194	96670	747	ATC SMAC	15m vegetation included
14	MT	217	16202	493	RWY01 GP INOP final approach	15m vegetation included
15	*TV TWR	226	43809	692		
16	Power TWR	230	47142	735	MSA(JYA)	
17	Power TWR	239	42541	812		
18	Power TWR	249	36054	939		
19	MT	253	136913	1596	ATC SMAC	15m vegetation included
20	BLDG	256	34379	859		
21	MT	259	31754	845		15m vegetation included
22	MT	260	109379	1142	ATC SMAC	15m vegetation included
23	MT	263	89176	1005	ATC SMAC	15m vegetation included

Obstacles between two circles with the radius of 15km and 50km centered on ARP						
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
24	Contour line	266	83137	880	ATC SMAC	15m vegetation included
25	MT	269	77646	718	ATC SMAC	15m vegetation included
26	BLDG	270	131622	1646	ATC SMAC	15m vegetation included
27	Iron TWR	271	26462	922		
28	MT	272	29922	611		15m vegetation included
29	*Radar	279	25190	1019	MSA(JYA) ATC SMAC	
30	MT	280	119634	1423	ATC SMAC	15m vegetation included
31	MT	293	149332	5364	ATC SMAC	15m vegetation included
32	MT	296	23957	971		15m vegetation included
33	BLDG	297	38926	997	ATC SMAC	
34	*BLDG	300	44589	621		
35	MT	302	121713	2912	ATC SMAC	15m vegetation included
36	BLDG	304	43419	769	ATC SMAC	

Obstacles between two circles with the radius of 15km and 50km centered on ARP						
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
37	MT	304	114267	2220	ATC SMAC	15m vegetation included
38	MT	305	116773	2599	ATC SMAC	15m vegetation included
39	BLDG	306	24366	1011		
40	*BLDG	306	41848	629		
41	*BLDG	311	46752	696		
42	MT	313	115757	2000	ATC SMAC	15m vegetation included
43	*BLDG	315	48987	704		
44	MT	315	138662	4141	ATC SMAC	15m vegetation included
45	MT	322	25728	989		15m vegetation included
46	TV TWR	323	52726	837	ATC SMAC	
47	*BLDG	324	39653	650		
48	BLDG	324	44717	995	ATC SMAC	
49	*BLDG	325	47726	708		
50	Power TWR	329	27628	1065	MSA(WFX, ZGA, ARP)	
51	MT	333	28089	1051	ATC SMAC	15m vegetation included
52	MT	334	119481	2441	ATC SMAC	15m vegetation

Obstacles between two circles with the radius of 15km and 50km centered on ARP						
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
						included
53	Power TWR	336	29753	970		
54	MT	337	139279	4805	ATC SMAC	15m vegetation included
55	*BLDG	339	44412	619		
56	Power TWR	342	31604	940		
57	*BLDG	343	38631	642		
58	MT	349	37269	853		15m vegetation included
59	MT	349	160986	3422	ATC SMAC	15m vegetation included
60	BLDG	352	44761	825		
61	*TV TWR	355	39190	1046	MSA(WFX)	
62	MT	355	162689	2943	ATC SMAC	15m vegetation included
63	MT	356	163913	2491	ATC SMAC	15m vegetation included
64	Power TWR	359	48617	792		
Others: Nil						

ZUTF 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	MET office of Chengdu/Tianfu airport, Southwest ATMB, CAAC

	Associated 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	MET office of Chengdu/Tianfu airport; 9HR, 24HR; 3HR(special requirement), 6HR(routine)
4	趋势预报发布间隔 Issuance interval of trend forecast	Trend 30 min
5	所提供的讲解/咨询服务 Briefing/consultation provided	P, T, Video
6	飞行文件及其使用语言 Flight documentation, Languages used	Chart, International MET Codes, Abbreviated Plain Language Text Ch, En
7	讲解/咨询服务时可利用的图表和其它信息 Charts and other information available for briefing or consultation	Synoptic charts, significant weather charts, upper W/T charts, satellite and radar material, AWOS real-time data, SIGMET, data forecast chart
8	提供信息的辅助设备 Supplementary equipment available for providing information	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, APP, ACC, ATS report office, operation control office, flow management office
10	观测类型与频率/自动观测设备 Type & frequency of observation/Automatic observation equipment	Half 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
12	观测系统及位置 Observation System & Site(s)	RVR EQPT A: 90m W of RWY01 RCL, 373m inward THR01. B: 90m W of RWY01 RCL, 1980m inward THR01. C: 90m W of RWY19 RCL, 358m inward THR19. D: 90m E of RWY02 RCL, 410m inward THR02. E: 90m E of RWY02 RCL, 1590m inward THR02.

		F: 90m E of RWY20 RCL, 370m inward THR20. G: 90m S of RWY11 RCL, 445m inward THR11. H: 90m S of RWY11 RCL, 1930m inward RWY11 end. I: 90m S of RWY11 RCL, 330m inward RWY11 end. SFC wind sensors 01: 98m W of RWY01 RCL, 352m inward THR01. 19: 90m W of RWY19 RCL, 348m inward THR19. 01/19: 90m W of RWY01/19 RCL, 1990m inward THR01. 02: 98m E of RWY02 RCL, 380m inward THR02. 20: 98m E of RWY20 RCL, 370m inward THR20. 02/20: 98m E of RWY02/20 RCL, 1560m inward THR02. 11: 98m S of RWY11 RCL, 300m inward RWY11 end. 11: 90m S of RWY11 RCL, 484m inward THR11. 11: 98m S of RWY11 RCL, 1900m inward THR11. Ceilometer 01: 30m W of RWY01 RCL extension line, 920m outward THR01. 19: 30m W of RWY19 RCL extension line, 890m outward THR19. 02: 30m E of RWY02 RCL extension line, 920m outward THR02. 20: 25m E of RWY20 RCL extension line, 920m outward THR20. 11: 98m S of RWY11 RCL, 285m inward RWY11 end. 11: 100m S of RWY11 RCL, 445m inward THR11.
13	气象观测系统的工作时间 Hours of operation for meteorological observation system	H24
14	气候资料 Climatological information	Climatological AVBL
15	其他信息 Additional information	Aerodrome warning, wind shear alarm/warning

ZUTF 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 /	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

			SWYsurface		
1	2	3	4	5	6
01	022.18°GEO 025°MAG	4000×60	85/R/B/W/T CONC/-		THR439.1m TDZ439.4m
19	202.18°GEO 205°MAG	4000×60	85/R/B/W/T CONC/-		THR439.1m TDZ439.5m
02	022.19°GEO 025°MAG	3200×45	85/R/B/W/T CONC/-		THR441.4m TDZ442.0m
20	202.19°GEO 205°MAG	3200×45	85/R/B/W/T CONC/-		THR441.7m TDZ442.0m
11	112.21°GEO 115°MAG	3800×45	85/R/B/W/T CONC/-		THR437.0m
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	4120×280	Nil	250×120
See AOC	Nil	Nil	4120×280	Nil	250×120
See AOC	Nil	Nil	3320×280	Nil	250×120
See AOC	Nil	Nil	3320×280	Nil	250×120
See AOC	Nil	Nil	3920×150	Nil	240×120

Remark:

The distance between RCL01/19 and RCL02/20 is 2400m. THR01 is 550m north of THR02. THR11 is 340m east of the extension of RCL02/20. THR11 is 1430m north of THR20.

All RWYs grooved at full length.

RWY01/19, 02/20, 11 shoulders' width: 7.5m on each side.

Blast pads: 120×75m for RWY01/19; 120×60m for RWY02/20, 11.

ZUTF 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
01	4000	4000	4000	4000	Nil

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
01	3850	3850	3850	4000	FM A2
01	3578	3578	3578	4000	FM A3
01	3032	3032	3032	4000	FM A4
19	4000	4000	4000	4000	Nil
19	3850	3850	3850	4000	FM A12
19	3549	3549	3549	4000	FM A11
02	3200	3200	3200	3200	Nil
02	3050	3050	3050	3200	FM E2
20	3200	3200	3200	3200	Nil
20	3039	3039	3039	3200	FM E11
11	3800	3800	3800	NOT AVBL	Not for landing
11	3703	3703	3703	NOT AVBL	Not for landing Enter FM K2 or M2
11	3420	3420	3420	NOT AVBL	Not for landing Enter FM K3 or M3

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

跑道代号 RWY Designator	进近灯类型、长度、强度 APCH LGT type LEN INTST	入口灯颜色、翼排灯 THR LGT colour WBAR	目视进近坡度指示系统(跑道入口最低眼高), 精密进近航道指示器 VASIS (MEHT) PAPI	接地地带灯长度 TDZ LGT LEN	跑道中心线灯长度、间隔、颜色、强度 RWY Center line LGT LEN, spacing, colour, INTST	跑道边灯长度、间隔、颜色、强度 RWY edge LGT LEN, spacing, colour, INTST	跑道末端灯颜色 RWY end LGT colour	停止道灯长度、颜色 SWY LGT LEN, colour
1	2	3	4	5	6	7	8	9
01	PALS	GREEN	PAPI	900m	4000m**	4000m*****	RED	Nil

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
	CAT III* 900m VRB LIH	Yes	LEFT 505m inward THR01 3° 23.8m		spacing 15m	spacing 60m		
19	PALS CAT I* 900m VRB LIH	GREEN Yes	PAPI LEFT 533m inward THR19 3° 25.2m	Nil	4000m** spacing 15m	4000m***** spacing 60m	RED	Nil
02	PALS CAT III* 900m VRB LIH	GREEN Yes	PAPI LEFT 445m inward THR02 3° 21.3m	900m	3200m*** spacing 15m	3200m****** spacing 60m	RED	Nil
20	PALS CAT I* 900m VRB LIH	GREEN Yes	PAPI LEFT 450m inward THR20 3° 21.2m	Nil	3200m*** spacing 15m	3200m****** spacing 60m	RED	Nil
11	Nil	--	Nil	Nil	3800m**** spacing 15m	3800m******* spacing 60m	RED	Nil
Remarks:								

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
*SFL **up to 3100m WHITE VRB LIH, 3100-3700m RED/WHITE VRB LIH, 3700-4000m RED VRB LIH ***up to 2300m WHITE VRB LIH, 2300-2900m RED/WHITE VRB LIH, 2900-3200m RED VRB LIH ****up to 2900m WHITE VRB LIH, 2900-3500m RED/WHITE VRB LIH, 3500-3800m RED VRB LIH *****up to 3400m WHITE VRB LIH, 3400-4000m YELLOW VRB LIH ******up to 2600m WHITE VRB LIH, 2600-3200m YELLOW VRB LIH *******up to 3200m WHITE VRB LIH, 3200-3800m YELLOW VRB LIH								

ZUTF 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	Nil
2	着陆方向标/风向标位置和灯光 LDI/WDI location and LGT	WDI: RWY01:107m W of RCL, 505m inward THR01. RWY19:107m E of RCL, 533m inward THR19. RWY02:107m W of RCL, 400m inward THR02. RWY20:107m E of RCL, 450m inward THR20.
3	滑行道边灯和中线灯 TWY edge and center line lighting	Blue edge line lights, green & yellow center line lights
4	备份电源/转换时间 Secondary power supply/switch-over time	Secondary power supply, diesel generator/ ≤15s; UPS/ 1s
5	备注 Remarks	Nil

ZUTF 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	Nil

	Coordinates TLOF or THR of FATO Geoid undulation	
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

ZUTF 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
Tower Control Area	A circuit, all arcs with radius 13km centered at centers of all RWY THRs and all lines tangential to the adjacent 2 arcs.	QNH1200m and below	
Fuel Dumping Area	N29°10'35"E103°11'47" - N29°10'44"E103°48'47" - N28°27'26"E103°48'53" - N28°27'17"E103°12'08" - N29°10'35"E103°11'47"	QNE5000m and above	1. With ATC permission, aircraft can enter from VOR/DME 'JYA' to N29°05'12"E103°17'59" and exit from N29°05'18"E103°42'38" to VOR/DME 'JYA'. 2. By ATC.
Altimeter setting region and TL/TA	Same as Chengdu APP area	TL 3600m TA 3000m 3300m(QNH≥1031hPa) 2700m(QNH≤979hPa)	

ZUTF 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		ARR:127.075	H24	D-ATIS available
ATIS		DEP:126.8	H24	D-ATIS available
APP	Chengdu Approach	APP02:120.375(127.7)	H24	
APP	Chengdu Approach	APP03:119.7(127.7)	2230-1900(next day)	
APP	Chengdu Approach	APP04:121.35(125.25)	2230-1900(next day)	
APP	Chengdu Approach	APP05:121.025(125.25)	0030-1300	
APP	Chengdu Approach	APP06:126.35(125.25)	0030-1300	
APP	Chengdu Approach	APP09:124.75(123.825)	0030-1900	
TWR	Tianfu Tower	TWR01:118.8(118.15)	H24	RWY01/19
TWR	Tianfu Tower	TWR02:130.5(118.15)	H24	RWY02/20
TWR	Tianfu Tower	TWR03:124.375(118.15)	2200-1300(next day)	RWY11
GND	Tianfu Delivery	Delivery01:121.825(121.55)	2200-1300(next day)	
GND	Tianfu Delivery	Delivery02:122.2(121.55)	BY ATC	
GND	Tianfu Groud	GND01:121.925(121.55)	H24	
GND	Tianfu Groud	GND02:122.6(121.55)	H24	
GND	Tianfu Groud	GND03:121.775(121.55)	2200-1300(next day)	
APN	Tianfu Apron	APN01:122.7(122.15)	H24	
APN	Tianfu Apron	APN02:122.825(122.15)	BY ATC	
APN	Tianfu Apron	APN03:122.675(122.15)	BY ATC	
EMG		121.5	H24	

ZUTF 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
Ziyang VOR/DME	ZYG	112.1MHz CH58X	N29 °56.4' E104 °44.3'	427m	
Zhugao VOR/DME	ZGA	115.25MHz CH99Y	N30 °35.5' E104 °43.9'	563m	
Jingyan VOR/DME	JYA	114.65MHz CH93Y	N29 °46.4' E104 °02.9'	467m	
Wufengxi VOR/DME	WFX	117.1MHz CH118X	N30 °36.4' E104 °29.5'		
Shuangliu VOR/DME	CTU	115.7MHz CH104X	N30°34.4′ E103°56.6′	505m	
Mianyang VOR/DME	MYG	114.8MHz CH95X	N31 °26.0' E104 °44.0'	538m	Coverage 200km
Jintang VOR/DME	JTG	115.4MHz CH101X	N30°52.3′ E104°23.4′		For VOR/DME: R170 °-R205 ° clockwise U/S, For VOR: Beyond 12NM on R056 °U/S
Huilong VOR/DME	HLC	115.95MHz CH106Y	N30°18.1′ E103°41.7′	567m	
Dexin VOR/DME	CDX	116.35MHz CH110Y	N31°15.0′ E104°22.8′	540m	R255 °-R360 ° clockwise U/S
Chongzhou VOR/DME	CZH	114.5MHz CH92X	N30°38.7′ E103°41.2′		
Baihesi VOR/DME	BHS	117.9MHz CH126X	N30°30.7′ E104°12.0′		For DME: Beyond 21NM of R173 °U/S
Chengdu NDB	ZW	260kHz	N30 °30.0' E103 °54.5'		Coverage 30NM Beyond 30NM of bearing 122 °U/S

设施名称和类型 Name and type of aid	识别 ID	频率 Frequency	发射天线位置、坐标 Antenna site coordinates	DME 发射天线标高 Elevation of DME transmitting antenna	备注 Remarks
IM 01		75MHz	205°MAG/370m FM THR01		Coverage 150±50m
LOC 01 ILS CAT III	ITF	108.9MHz	025°MAG/310m FM RWY01 end		
GP 01		329.3MHz	125m W of RWY01 RCL, 315m inward THR01		Angle 3°, RDH 15.7m
DME 01	ITF	CH26X (108.9MHz)		448m	Co-located with GP01
IM 02		75MHz	205°MAG/345m FM THR02		Coverage 150±50m
LOC 02 ILS CAT III	ITV	111.3MHz	025°MAG/310m FM RWY02 end		
GP 02		332.3MHz	125m E of RWY02 RCL, 310m inward THR02		Angle 3°, RDH 16.8m
DME 02	ITV	CH50X (111.3MHz)		448m	Co-located with GP02
LOC 19 ILS CAT I	ICT	108.9MHz	205°MAG/310m FM RWY19 end		
GP 19		329.3MHz	120m W of RWY19 RCL, 315m inward THR19		Angle 3°, RDH 17m
DME 19	ICT	CH26X (108.9MHz)		445m	Co-located with GP19
LOC 20 ILS CAT I	IFM	111.3MHz	205°MAG/310m FM RWY20 end		Beyond 15°rightside of front course U/S
GP 20		332.3MHz	120m E of RWY20 RCL, 310m inward THR20		Angle 3°, RDH 16.5m

设施名称和类型 Name and type of aid	识别 ID	频率 Frequency	发射天线位置、坐标 Antenna site coordinates	DME 发射天线标高 Elevation of DME transmitting antenna	备注 Remarks
DME 20	IFM	CH50X (111.3MHz)		448m	Co-located with GP20

ZUTF AD 2.20 本场飞行规定

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，在特殊情况下，经局方批准，可允许无二次雷达应答机的航空器起降。

1.2 本场可供 A380(含)以下机型使用。

2. 跑道和滑行道的使用

2.1 跑道运行规则

2.1.1 01/19 和 02/20 跑道既可用于起飞，也可用于落地；11 跑道仅用于由西向东起飞。

2.1.2 在转换使用跑道方向过程中，短时使用跑道顺风分量超过 3.5m/s 但不大于 5m/s 时，管制员应及时通知航空器驾驶员。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者着陆，并将决定通知管制员。

ZUTF AD 2.20 Local traffic regulations

1.Airport operations regulations

1.1 Take-off/landing of aircraft without SSR transponder are forbidden, unless with authorization from relative authorities in special circumstances.

1.2 Maximum aircraft to be available: A380 and equivalent.

2. Use of runways and taxiways

2.1 Rules for the use of runways

2.1.1 RWY 01/19 and RWY 02/20 can be used for taking-off and landing. RWY 11 can only be used for taking-off from west to east.

2.1.2 When aircraft change direction of runway in use, if downwind speed is more than 3.5m/s and not exceeding 5m/s for short time, ATC controller shall inform flight crew. According to aircraft performance or operation handbook, pilot shall decide whether to take off or to land on downwind runway allocated, then

inform ATC controller.

2.1.3 对机组的要求：

2.1.3 Requirements for pilots:

2.1.3.1 当出现风切变、颠簸、下降气流或强侧风等可能加大航空器偏离仪表着陆系统航向道程度，或者可能影响航空器正常起飞时，航空器驾驶员应立即向管制员报告。

2.1.3.1 Under certain adverse weather conditions(e.g. wind shear, turbulence, down drafts or strong crosswind) which might increase ILS localizer course deviations to the extent that safety may be impaired or departure of aircraft would be influenced, pilot shall report the situation to ATC immediately.

2.1.3.2 航空器驾驶员申请在正在使用的跑道以外的其它跑道起降，必须征得管制员的许可。

2.1.3.2 Pilot shall get permission from ATC before changing the RWY in use.

2.1.3.3 离场航空器在对正跑道并接收到塔台起飞许可后，应在 10s 内开始起飞滑跑，如无法执行，则应在到达跑道外等待点之前向管制员说明。

2.1.3.3 Departure aircraft shall begin to take-off run within 10s after aligning with the runway centerline and receiving take-off clearance from ATC.If flight crew consider they can not fulfill the process within the required time, flight crew shall inform ATC before reaching the RWY holding position.

2.1.3.4 航空器驾驶员在成都进近或天府塔台管制范围内飞行时，应根据机载设备监控周边航空器的运行状态，尽快建立目视，并按管制员要求报告相关飞行动态。

2.1.3.4 When flight into Chengdu Approach or Tianfu Tower control area, flight crew shall monitor the operating status of other aircrafts in the vicinity by airborne equipment and establish the visual seperation as soon as possible, and report as ATC required.

2.1.3.5 着陆航空器在脱离跑道首次与地面管制联系时，必须向地面管制员报告脱离的跑道和所使用的滑行道及具体位置。

2.1.3.5 After vacating RWY, report the RWY designation and TWY designation on the initial contact with GND.

2.1.3.6 在管制员的许可下，由航空器驾驶员根据短距起飞工作程序及机型翼展、机高等限制，自行决定是否使用非全跑道起飞。

2.1.3.6 With ATC clearance, flight crew can conduct the Shortened Distance Taking-off Procedures according to implement procedures, aircraft wing span limit, height limit,etc.

2.2 滑行道运行规则

2.2 General rules for the use of taxiways

2.2.1 禁止航空器在滑行道上做 180°转弯。

2.2.1 180° turn around on TWY is forbidden for aircraft.

2.2.2 引导车按与航司合同约定为所有进港航班提供引导服务，特殊情况时，机组可通过塔台管制室或天府机坪申请引导车服务。引导车引导方式如下:

2.2.2 Follow-me vehicle service by contract is available for all arrival aircrafts via Tower Control or Tianfu Apron. The guidance instruction is shown below:

引导方式/Guidance instruction	灯光及显示屏信息/Light and Display information
Arrival guidance	Emergency flasher on,information of stands
Departure guidance	Emergency flasher on,RWY designation for departure
Stop taxiing	'STOP'
Termination of guidance	Emergency flasher off,guidance light off

2.2.3 空管塔台地面管制和机场机坪管制单位分别负责向各自管制范围内的航空器提供地面管制服务（管制范围如机场图所示），具体管制移交点及移交方式听从管制员指令执行。

2.2.3 Tower Control Unit and Apron Control Unit shall provide ground control service for aircrafts in their control areas. Specific transfer point and transfer method follow ATC instructions.

2.2.4 对机组的要求：

2.2.4 Requirements for flight crew:

2.2.4.1 听清并复述管制员的滑行指令，发现疑问及时证实。

2.2.4.1 Listen carefully and repeat the taxiing instructions of ATC, verify any questions in time.

2.2.4.2 如在地面管制移交时联系不畅，应在上一管制指令等待点前等待，并向上一管制频率报告。

2.2.4.2 If fail to change to the assigned FREQ, flight crew shall wait at the handover point and report by the previous FREQ.

2.2.4.3 航空器地面滑行期间，机组应密切关注相关活动，及时依照管制员的活动通报观察或将观察到的不明活动情况通报给管制员。

2.2.4.3 Flight crew shall keep watching ATC-related activities and report the unclear activities to ATC in time.

2.2.5 滑行道使用限制/TWY limits:

滑行道/TWY	航空器翼展限制/Wing span limits for aircraft
A, A1-A13, B, B1-B3, B7, B8, B10, B11, B13-B22, B25, C(BTN C2&T1),C1(BTN B&C,BTN C4&C5),C2(BTN B&C), C3, C4, C5(BTN B&C1), C23, D17-D19, J, L5(BTN T3&T5), L6(BTN T3&T5), L7(BTN T3&T5), T1(BTN B&C),T2(BTN B&C), T3-T5,Y2(BTN T3&T5), Y3(BTN T3&T5), Y4(BTN T3& T5)	80m
B23,C1(BTN C& C23),C2(BTN C& C23), C5(BTN C1&C9),C21, C22, D, D1, D2, D4, D6, D9, D12, D15, D20, D24, E, E1, E2, E4-E9, E11,E12, G, G1-G5, G21-G23, K, K1-K5,L6(BTN B&T3), L7(BTN B&T3), L8, L56, L57, M, M1-M3, T1(BTN C&D), T2(BTN C&D),V1-V6, Y3(BTN D& T3), Y4(BTN D&T3),Y5, Y21, Y22	69m
C(BTN C2&L7)	65m
C6-C10,G6-G10, L4,L5(north of T3), Y2(north of T3), Y6	36m

2.2.6 地面常规滑行路线

不同运行模式对应不同标准滑行路线，除管制员特别要求外，进离场航空器使用地面常规滑行路线滑行。

2.2.6 Routine taxiing route

Aircraft shall taxi along the Routine Taxiing Route except receiving specific instruction from the controller.

起降跑道/Runway for take-off/landing	路线编号/Route ID	标准滑行路线/Standard Taxiing Route
RWY 01 for take-off	ROUTE 01	T2-B-B1-A1
	ROUTE 03	T5-B-B1-A1
RWY 01 for landing	ROUTE 02	A-B14-T4-G
	ROUTE 04	A-B20-C2-C-T1
RWY 02 for take-off	ROUTE 11	B-T4-D18-D-D1-E1
	ROUTE 13	D-D1-E1
RWY 02 for landing	ROUTE 12	E-D19-G-T2-B
	ROUTE 14	E-D17-T5
RWY 11 for take-off	ROUTE 41	C-T1-D-M
	ROUTE 43	G-G5-D-M
RWY 19 for take-off	ROUTE 21	G-T2-B-B18-A-A13
RWY 19 for landing	ROUTE 02	A-B14-T4-G
	ROUTE 22	B17-L7-C-T1
RWY 20 for take-off	ROUTE 31	C-T1-D-D20-E12
RWY 20 for landing	ROUTE 14	E-D17-T5
	ROUTE 32	D17-G-T2-B

3. 机坪和机位的使用

3.1 166、166L/R、167、167L/R、168-174、269-275、287、288、601-607、607L/R 机位可自行滑出，其它机位的航空器需由牵引车推出。

3.2 机位使用规定

3.2.1 停机位航空器翼展限制

3. Use of aprons and parking stands

3.1 Aircrafts shall be push-back except those parking on stands Nr.166, 166L/R, 167, 167L/R, 168-174, 269-275, 287, 288, 601-607 or 607L/R.

3.2 Rules for stands

3.2.1 Wing span limits for parking stands

3.2.1.1 近机位/Bridge stands

停机位编号/Stand Nr.	航空器翼展限制/Wing span limits（m）
106, 135, 241	80
111, 115, 118, 119, 123, 126, 128, 130, 132, 206, 212, 216, 219, 221, 224, 230, 233, 237, 239, 243	68.5
113, 114, 116, 117, 125, 127, 129, 131, 134, 208, 214, 215, 217, 218, 229, 232, 235, 236	65
101-105, 106L/R, 108L/R, 110, 111L/R, 120-122, 124, 132L/R, 135L/R, 137L/R, 139-145, 201-205, 206L/R, 209-211, 212L/R, 219L/R, 222, 223, 224L/R, 226-228, 230L/R, 233L/R, 237L/R, 239L/R, 241L/R, 243L/R, 245-252	36

3.2.1.2 远机位/Remote stands

停机位编号/Stand Nr.	航空器翼展限制/Wing span limits（m）
166	80
175-177, 266, 268, 280, 606, 607, 629, 630, 637, 642	68.5
178, 184, 267, 276-278, 290, 291, 605, 621, 622, 631, 640	65

165, 279, 628, 639	48
161-164, 166L/R, 168-174, 175L/R, 176L/R, 177L/R, 179-183, 185-188, 261-265, 266L/R, 268L/R, 269-275, 280L/R, 281-289, 292-296, 607L/R, 613-616, 618-620, 623-626, 629L/R, 630L/R, 632-636, 638, 641, 643, 644	36

3.2.1.3 货机位/Cargos stands

停机位编号/Stands Nr.	航空器翼展限制/Wing span limits（m）
504, 512	80
501, 503, 505, 506, 508-511, 513, 515	68.5
502, 507, 514	48
501L/R, 504L/R, 505L/R, 506L/R, 515L/R	36

3.2.1.4 除冰位/Deicing stands

停机位编号 Stands Nr.	航空器翼展限制/Wing span limits（m）
167	80
602, 603	68.5
601, 604, 167L/R	36

3.2.1.5 试车位/Run-ups stands

停机位编号/Stand Nr.	航空器翼展限制/Wing span limits（m）
701	68.5
190, 617, 627, 702	65

3.2.1.6 隔离机位/Isolated stands

停机位编号/Stand Nr.	航空器翼展限制/Wing span limits（m）
500	80

3.2.1.7 清洗机位/Cleaning stands

停机位编号/Stands Nr.	航空器翼展限制/Wing span limits（m）
611, 612	65
608-610	36

3.2.2 航空器进出停机位的滑行限制/Limits for aircraft entering /exiting stands

停机位编号/Stand Nr.	进入滑行道/Enter into stand by	滑出滑行道/Exit stand by	顶推出机头方向/Nose direction after push-back
101, 102	C9-C10-C7	C7-C6-C10-C8	Nose to south
103	C9-C10-C6	C6-C10-C8	Nose to northwest
104	C9-C10	C10-C8	Nose to west
105	C9	C5-C10-C8	Nose to east
106L, 182-185	C5	C5	Nose to west
106	C5	C1-C5	Nose to north
106R, 108L/R	C5-C1	C1-C4	Nose to south
110, 111, 111L, 114, 115, 119	C2	C1	Follow ATC instructions
111R, 113	C2-C22	C1	Follow ATC instructions
116, 117, 118	C2-C21	C1	Follow ATC instructions
120	C	C1	Follow ATC instructions
121, 122	C	C	Nose to north
123	C	L6	Nose to west
124	L7-L8	L6	Follow ATC instructions

125, 130, 132, 132R, 134	L7	L6	Follow ATC instructions
126-129	L7-L57	L6	Follow ATC instructions
131, 132L	L7-L56	L6	Follow ATC instructions
135, 135L/R, 137L/R, 161-165	T3	T3	Follow ATC instructions
139-145	L4	L5	Nose to south(139-144), Nose to west(145)
166, 166L/R, 167, 167L/R	L7-T3	T4	Taxiing in/out on own power
168-174	L7	L8	Taxiing in/out on own power
175, 175L/R, 176, 176L/R, 177, 177L/R, 178, 179	L8	L8	Nose to north
180, 181	C2	C2	Nose to northwest
186-188	C9-C7	C7-C8	Nose to west(186, 187), Nose to north(188)
201, 202	G9-G10-G7	G7-G6-G10-G8	Nose to south
203	G9-G10-G6	G6-G10-G8	Nose to northeast
204, 205	G9-G10	G10-G8	Nose to east
206R, 289, 290, 292, 293	G4-G1-G5	G5	Nose to east
206, 291	G4-G1	G5	Nose to east
206L	G4-G1	G1-G5	Nose to north
208	G4	G4-G1-G5	Nose to west
209, 210, 214, 215, 219, 219L/R	G-G2	G1	Follow ATC instructions
211, 212, 212L/R	G-G2-G22	G1	Follow ATC instructions
216-218	G-G2-G21	G1	Follow ATC instructions

221	G	G1	Nose to east
222, 223, 224R	Y6	Y6	Follow ATC instructions
224, 224L	G-Y3	Y3	Nose to east
226, 227	Y4-Y5	Y3	Follow ATC instructions
228, 229, 233L, 235, 236, 237L, 239, 239L/R, 241R	Y4	Y3	Follow ATC instructions
230, 230L/R, 232, 233, 233R	Y4-Y22	Y3	Follow ATC instructions
237, 237R	Y4-Y21	Y3	Follow ATC instructions
241, 241L, 243, 243L/R, 261-265	T3	T3	Follow ATC instructions
245-252	L4	Y2	Nose to south(245-251), nose to east(252)
266, 266L/R, 267, 268, 268L/R	T3	T3	Follow ATC instructions
269-275	Y4	Y5	Taxiing in/out on own power
276-279, 280, 280L/R	Y5	Y5	Nose to north
281-285	G-G2	G2-G3	Nose to west(281, 282) nose to northeast(283-285)
286	G-G2-G3	G3	Nose to east
287, 288	G-G4	G5	Taxiing in/out on own power
294-296	G9-G7	G7-G8	Nose to east(294, 295), nose to north(296)
501, 501L/R, 502, 503, 504（when not parking	B	B-B25-J-B23	Nose to north

CAT F）, 504L/R			
500（when not parking CAT F）, 505, 505L/R, 506, 506L/R, 507-513（when 512 not parking CAT F）	B-B25	B25-J-B23	Nose to west
514, 515, 515L/R	B-B25-J	J-B23	Nose to south
500（when parking CAT F）	B-B25	B25-B	Nose to east
504（when parking CAT F）	B	B25-B	Nose to east
512（when parking CAT F）	B-B25	J-B25-B	Nose to north
601-604	D	V4-K	Taxiing in/out on own power
605, 606, 607, 607L/R	D	V4-V1	Taxiing in/out on own power
608-612	V3-V4	V4-V1	Nose to north
613-616, 618-622	V3-V5	V5-V1	Nose to north
623-626	V3-V6	V6-V1	Nose to north
628, 629, 629L/R, 630, 630L/R, 631-634	G	G-V2	Nose to south
635, 636	G-V2-V4-V1	V1-D	Nose to west
637	G-V2-V4	V1-D	Nose to west
638-640	G-V2-V5-V1	V1-D	Nose to west
641	G-V2-V5	V1-D	Nose to west
642-644	G-V2-V6-V1	V1-D	Nose to west

3.2.3 复合机位使用规则/Rules for the use of combined stands

使用中的停机位/Stands in use	禁止同时使用的的停机位/Stands forbidden to be used
106	106L, 106R
111	111L, 111R
132	132L, 132R
135	135L, 135R
166	166L, 166R
167	167L, 167R
175	175L, 175R
176	176L, 176R
177	177L, 177R
206	206L, 206R
212	212L, 212R
219	219L, 219R
224	224L, 224R
230	230L, 230R
233	233L, 233R
237	237L, 237R
239	239L, 239R
241	241L, 241R
243	243L, 243R
266	266L, 266R
268	268L, 268R
280	280L, 280R
501	501L, 501R
504	504L, 504R
505	505L, 505R

506	506L, 506R
515	515L, 515R
607	607L, 607R
629	629L, 629R
630	630L, 630R

3.3 为降低碳排放及噪音，成都天府国际机场所有停靠机位的航空器必须接驳航空器地面静变电源和航空器地面空调，关闭 APU。

3.3 In order to reduce carbon emission and noise, aircrafts parking at boarding bridge stands shall keep APU off, and use ground unit and ground air conditioning system.

3.4 地面滑行灯的使用：

3.4 The use of taxiing lights:

3.4.1 地面操作人员未完全撤离航空器地面滑行灯前方期间，机组禁止开启地面滑行灯，以免对操作人员眼睛造成损伤。

3.4.1 Taxiing lights are forbidden to turn on unless the ground personnel have evacuated from the front of the taxi lights.

3.4.2 航空器滑行入位前，机组应关闭地面滑行灯，以免对操作人员眼睛造成损伤，甚至导致操作人员无法接机，造成航空器碰撞风险。

3.4.2 Taxiing lights are forbidden to turn on before aircraft taxiing into stands.

3.5 机坪管制运行管理规定：

3.5 Apron operation rules:

3.5.1 全部机坪管制区域实施机坪管制，由天府机坪（APN）负责该区域航空器推出开车、滑行和其他涉及航空器运行的指挥工作。

3.5.1 Apron control is implemented in the whole apron area. Tianfu APN is responsible for aircraft push-back, taxiing and other control issues related to aircraft operation.

3.5.2 机坪管制范围内离港航空器滑行：

3.5.2 Departure aircraft taxiing in APN control area:

3.5.2.1 离港航空器首次联系天府机坪（APN）时，机组应通报停机位编号。

3.5.2.1 Flight crew shall report parking stand number to APN on the initial contact with APN.

3.5.2.2 航空器取得天府机坪（APN）许可后方可推出开车，天府机坪（APN）发布许可指令后，机组应在 3min 之内执行；超过 3min 仍未推出开车视为指令失效，机组需要重新申请推出开车。

3.5.2.2 Aircraft shall be pushed back and start up engine within 3mins after getting APN clearance, or re-apply the clearance if not fulfill in time.

3.5.2.3 航空器推出开车后，应立即向天府机坪（APN）申请滑行许可。

3.5.2.3 Aircraft shall apply for taxiing clearance from Tianfu APN after push-back and start-up.

3.5.3 机坪管制范围内进港航空器滑行：
航空器进入机坪管制区域，联系天府机坪（APN）申请进一步滑行许可，并获取停机位信息。

3.5.3 Arrival aircraft taxiing in APN control area:
Aircraft shall contact Tianfu APN for further taxiing instructions and the stand information when entering into apron.

4. 进、离场管制规定

4. Air traffic control regulations

无

Nil

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

6.1 一般要求

6.1 General rules

6.1.1 需要除冰的航空器进出除冰位置时，机组应注意油门控制，以防尾流影响附近人员和设备。

6.1.1 Aircrew shall control the throttle carefully, avoiding the exhausted gas causing damage to support personnel and equipment when aircraft enter/exit the deicing stands.

6.1.2 除冰作业期间，航空器须关闭发动机、挡好轮挡，除冰人员、车辆在未经机务人员许可情况下禁止进入红色安全线工作。

6.1.2 During deicing period, engine shall be turned off, chocks are positioned, deicing instructor and vehicle can not entry red safety line without permission.

6.1.3 地面除冰人员应向机组确认航空器是否处于适当的除冰、防冰构型，向机组通报使用防、除冰液的类型、浓缩比例，严格按照地面操作程序，认真实施除冰工作，严防违规操作造成航空器的损坏，并安排放行人员监控航空器在除冰过程中的安全。

6.1.3 Ground service staff shall confirm with flight crew to guarantee aircraft is in proper deicing/anti-icing configuration, and notify the type of deicing fluid, the concentration ratio. Staff responsible for Delivery shall monitor the deicing process to ensure the safety of aircraft.

6.1.4 防、除冰液由除冰工作的单位（部门）负责，防止因防、除冰工作造成环境、机坪污染。

6.1.4 The deicing unit is responsible for the use and store of deicing and anti-icing fluid, to prevent pollution.

6.2 除冰机位

本场除冰机位为 167、167L、167R、601、602、603、604。

6.2 Deicing stands

Deicing stands are Nr.167, 167L, 167R, 601, 602, 603 and 604.

6.3 除冰程序

6.3 Deicing procedures

6.3.1 除冰航空器推出前需向天府机坪（APN）申请推开滑行至除冰机位指令，并按管制员要求执行。

6.3.1 Aircrew shall apply for the instruction to push-back and taxi to deicing stand from Tianfu APN and follow the controller's requirement.

6.3.2 进入除冰机位后，航空器应关闭发动机、挡好轮挡。除冰期间，由机坪管理部门负责现场车辆、人员的监管工作。

6.3.2 Engines shall be turned off and chocks are positioned after the aircraft enter into the deicing stand. During deicing period, apron management department is responsible to supervise the vehicles and persons on ground.

6.3.3 机组与地面机务确认除冰完毕后，由机组向天府机坪（APN）申请开车滑行。

6.3.3 Aircrew apply to Tianfu APN for start-up and taxiing after confirming with maintenance that deicing is finished.

7. 平行跑道同时仪表运行

7. Simultaneous operations on parallel runways

7.1 跑道运行模式

7.1 The operation mode of RWY

7.1.1 多跑道同时仪表运行采用如下运行模式：01/19 和 02/20 跑道采用独立平行离场、相关平行仪表进近、隔离平行运行混合及半混合运行模式。

7.1.1 The operation modes of simultaneous operations on multiple runway can be implemented as follows: Hybrid and semi-hybrid operations of independent parallel departures, dependent parallel ILS approaches and segregated parallel approaches /departures for RWY 01/19 and RWY 02/20.

7.1.2 运行模式的选择、运行时间及使用跑道听从管制员指令。

7.1.2 Follow ATC instructions for the specific operation mode, operation time and the runway in use.

8. 警告

8. Warning

无

Nil

9. 直升机飞行限制，直升机停靠区

9. Helicopter operation restrictions and helicopter parking / docking area

无

Nil

ZUTF AD 2.21 噪音限制规定及减噪程序

ZUTF AD 2.21 Noise restrictions and Noise abatement procedures

无

Nil.

ZUTF AD 2.22 飞行程序

1. 总则

使用 01/19 跑道或 02/20 跑道进近时，未经 ATC 许可禁止偏向相邻跑道一侧。

2. 起落航线

起落航线在 01/19 跑道西侧或 02/20 跑道东侧进行。起落航线高度：1200m（QNH）。

3. 仪表飞行程序

3.1 严格按照航图手册中公布的进、离场程序和进近程序飞行。在管制员的许可下，航空器可在指定的航路、导航台或定位点上空等待或机动飞行。

3.2 前往天府机场落地的航空器，除 ATC 有特别要求外，航空器驾驶员应严格执行程序图公布的速度。如机组因机型性能等原因不能执行此速度时，应提前报告 ATC。为保证运行效率，ATC 将对未提前报告不能执行指令速度或程序图公布速度的航空器重新安排落地次序。

4. 雷达程序和/或 ADS-B 程序

ZUTF AD 2.22 Flight procedures

1. General

When approaching to RWY01/19 or RWY02/20, deviation to the adjacent RWY is forbidden without ATC clearance.

2. Traffic circuits

Traffic circuits shall be made to the west of RWY01/19 or to the east of RWY02/20, both at the altitude of 1200m(QNH).

3. IFR flight procedures

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

3.2 Aircrafts to Tianfu airport shall abide by the IAS limitation shown on charts except the special limitation required by ATC. If the flight crew can not implement the speed limitation due to aircraft performance, inform ATC in advance, otherwise, ATC will rearrange landing sequence.

4. Radar procedures and/or ADS-B procedures

4.1 成都终端管制室在进近管制区范围内提供雷达管制服务。

4.1 Radar control service is provided in Chengdu approach control area.

4.1.1 雷达管制间隔

4.1.1 Radar control separation

4.1.1.1 在成都进近雷达管制服务区内，航空器间最低水平间隔为 5.6km，垂直间隔为 300m，最低间隔标准只在管制员进行飞行间隔调配时使用。

4.1.1.1 In Chengdu approach radar control service area, the minimum horizontal separation is 5.6km, and the minimum vertical separation is 300m.

4.1.1.2 此雷达管制间隔适用于成都进近管制区雷达管制服务区内的所有民用航空器(专机除外)，不作为放飞间隔标准。

4.1.1.2 The radar control separation is available for all aircrafts(except VVIP flight) in Chengdu approach radar control service area.

4.1.1.3 在最后进近航段距跑道末端 18.5km（10NM）范围内，满足尾流间隔标准的前提下 ATC 可向两架跟进落地的航空器提供 5km 的最小雷达间隔。

4.1.1.3 In final approach, within 18.5km(10NM) from approaching RWY end, to the standards of aircraft wake turbulence, the minimum radar separation between two following approaching aircrafts can be reduced to 5km by ATC.

4.1.2 等待航线

4.1.2 Holding circuit:

请机组按照管制员指令的等待航线进行等待。

Flight crew shall follow ATC instruction to hold.

4.1.3 速度调整

4.1.3 Speed adjustment

4.1.3.1 雷达管制员为了调整飞行间隔或减少雷达引导的需要，要求航空器严格按照管制员指定的速度飞行。

4.1.3.1 Aircraft shall strictly follow the assigned speed by ATC.

4.1.3.2 航空器在进入进近管制区前需调整进场速度，使得进入管制移交点时的指示空速为 250-280kt

4.1.3.2 Aircraft shall adjust speed to 250-280kt or IAS limitation of procedure chart at control transfer point.

或按照程序图公布的要求执行。

4.2 最低监视引导高度扇区 4.2 Surveillance Minimum Altitude Sectors

sector1	ALT limit: 1150m or above
N301559E1034236-N302042E1033333-VOR'CZH'-N310130E1035910-N310929E1040539-N311637E1041227-N310713E1042233-N305512E1042223-N303744E1041336-N304242E1040723-N304259E1040322-N303931E1040144-N302414E1035618-N302252E1035958-N302055E1040515-N300338E1035645-N301559E1034236	
sector2	ALT limit: 1250m or above
N304242E1040723-N304259E1040322-N303931E1040144-N303750E1040233-N303612E1040409-N304242E1040723	
sector3	ALT limit: 1400m or above
N303744E1041336-N304242E1040723-N303612E1040409-N303331E1040646-N303202E1041045-N303744E1041336	
sector4	ALT limit: 1400m or above
N302821E1040856-N303005E1040418-N302904E1040121-N302641E1040010-N302252E1035958-N302055E1040515-N302821E1040856	
sector5	ALT limit: 1500m or above
N305852E1044356-N310700E1043919-N310713E1042233-N305512E1042223-N303744E1041336-N303202E1041045-N302821E1040856-N302542E1042310-N302830E1042534-N304311E1043804-N305852E1044356	
sector6	ALT limit: 1100m or above
N305852E1044356-N310317E1052507-N305035E1052511-N305031E1051637-N302049E1050222-N302830E1042534-N304311E1043804-N305852E1044356	
sector7	ALT limit: 1000m or above
N305035E1052511-N305031E1051637-N302049E1050222-N302830E1042534-N302542E1042310-N301357E1041543-N295641E1043252-N294730E1050552-N302949E1051847-N303851E1052155-N305035E1052511	
sector8	ALT limit: 1100m or above

N301357E1041543-N295641E1043252-N294730E1050552-N294932E1042316-N300340E1040913-N301357E1041543	
sector9	ALT limit: 1300m or above
N294932E1042316-N294127E1041819-N293722E1041205-N291614E1041238-N291619E1041543-N291835E1043601-N292003E1045127-N292034E1045808-N293012E1050125-N294730E1050552-N294932E1042316	
sector10	ALT limit: 1300m or above
N301752E1033222-N301413E1033816-N301050E1034139-N301559E1034236-N302042E1033333-N301752E1033222	
sector11	ALT limit: 1450m or above
N300017E1033302-N300311E1033850-N300648E1034057-N301050E1034139-N301413E1033816-N301752E1033222-N300741E1032807-N300017E1033302	
sector12	ALT limit: 1600m or above
N310130E1035910-VOR 'CZH'-N302042E1033333-N301752E1033222-N300741E1032807-N300017E1033302-N295945E1033159-N301538E1031845-N301610E1031846-N3057 56E1034702-N310130E1035910	
sector13	ALT limit: 2300m or above
N301820E1031426-N301610E1031846-N301538E1031845-N300102E1030838-N300206E1030525-N301820E1031426	
sector14	ALT limit: 2100m or above
N305520E1033806-N305756E1034702-N301610E1031846-N301820E1031426-N302444E1031801-N303636E1032723-N304604E1033343-N305520E1033806	
sector15	ALT limit: 2650m or above
N310115E1034044-N310929E1040539-N310130E1035910-N305756E1034702-N305520E1033806-N305451E1033631-N310115E1034044	
sector16	ALT limit: 3100m or above
N310929E1040539-N310115E1034044-N310000E1033700-N311550E1035554-N311637E1041227-N310929E1040539	
sector17	ALT limit: 5500m or above

N311550E1035554-N311637E1041227-N312822E1041846-N313647E1040557-N311537E1034845-N311550E1035554	
sector18	ALT limit: 4100m or above
N312822E1041846-N313647E1040557-N314459E1041238-N314557E1042002-N313208E1042048-N312822E1041846	
sector19	ALT limit: 3150m or above
N314557E1042002-N313208E1042048-N314706E1044817-N314648E1043818-N314604E1042059-N314557E1042002	
sector20	ALT limit: 2000m or above
N311637E1041227-N312822E1041846-N313208E1042048-N314706E1044817-N314736E1045941-N313641E1044255-N311637E1041227	
sector21	ALT limit: 1550m or above
N314736E1045941-N313641E1044255-N312924E1051058-N312933E1051608-N314112E1051218-N314803E1051006-N314736E1045941	
sector22	ALT limit: 2850m or above
N305520E1033806-N304604E1033343-N303636E1032723-N302444E1031801-N301820E1031426-N300206E1030525-N300102E1030838-N295014E1031106-N295900E1030000-N300330E1025427-N300934E1025805-N302916E1031812-N305451E1033631-N305520E1033806	
sector23	ALT limit: 3250m or above
N310115E1034044-N305451E1033631-N302916E1031812-N300934E1025805-N301823E1030333-N305821E1032814-N305914E1033252-N310000E1033700-N310115E1034044	
sector24	ALT limit: 3550m or above
N305821E1032814-N305914E1033252-N304031E1032443-N301823E1030333-N305821E1032814	
sector25	ALT limit: 4800m or above
N311550E1035554-N310000E1033700-N305914E1033252-N305821E1032814-N301823E1030333-N300934E1025805-N300330E1025427-N300719E1024938-N305652E1031541-N311430E1032500-N311537E1034845-N311550E1035554	
sector26	ALT limit: 6000m or above

N305652E1031541-N305839E1024802-N304527E1022925-N300507E1020038-N300719E1024938-N305652.2E1031541	
sector27	ALT limit: 3600m or above
N314459E1041238-N314557E1042002-N314604E1042059-N314648E1043818-N314706E1044817-N315400E1045814-N320436E1050018-N320241E1041224-N314459E1041238	
sector28	ALT limit: 2250m or above
N293400E1034600-N293600E1032900-N295014E1031106-N300102E1030838-N301538E1031845-N295945E1033159-N293713E1035043-N293400E1034600	
sector29	ALT limit: 1200m or above
N295945E1033159-N300017E1033302-N300311E1033850-N300648E1034057-N301050E1034139-N301559E1034236-N300338E1035645-N300038E1040440-N300340E1040913-N294932E1042316-N294127E1041819-N293722E1041205-N291614E1041238-N292323E1040200-N293713E1035043-N295945E1033159	
sector30	ALT limit: 1450m or above
N302821E1040856-N302055E1040515-N300338E1035645-N300038E1040440-N300340E1040913-N301357E1041543-N302542E1042310-N302821E1040856	
sector31	ALT limit: 1200m or above
N311637E1041227-N313641E1044255-N312924E1051058-N312933E1051608-N312518E1051723-N311400E1052126-N310317E1052507-N305852E1044356-N310700E1043919-N310713E1042233-N311637E1041227	
sector32	ALT limit: 1200m or above
N303931E1040144-N303750E1040233-N303612E1040409-N303331E1040646-N303202E1041045-N302821E1040856-N303005E1040418-N302904E1040121-N302641E1040010-N302252E1035958-N302414E1035618-N303931E1040144	

5. 无线电通信失效程序

5.1 航空器在使用中的无线电频率及应急频率121.5MHz联系均未果后，航空器驾驶员应使用卫星电话与成都终端管制室（电话：86-28-61612810，86-28-61612811）联系。如果电话能够与成都终端管

5. Radio communication failure procedures

5.1 If aircraft has communication failure with ATC unit on using radio frequency or emergency frequency(121.5MHz), flight crew shall contact Chengdu terminal control office by satellite

制室取得联系，陆空双方可临时使用电话进行通讯。如果电话联系未果，按通讯失效性质分别处理。

phone(phone number : 86-28-61612810, 86-28-61612811). If getting in touch, flight crew and controller could communicate by satellite phone temporarily. Otherwise, handle it respectively by different communicaton failure types.

5.2 管制单位通信失效：

5.2 Radio equipment failure in ATC unit:

航空器无法与管制单位建立有效的通信联系时，航空器应联系上一管制单位，并按照上一管制单位的管制指令继续飞行。

If flight crew has communication failure with ATC, flight crew shall contact the previous control unit to continue.

5.3 航空器机载通信设备失效：

5.3 Aircraft communication failure:

5.3.1 将应答机设置为 7600。

5.3.1 Set the SSR transponder code to 7600.

5.3.2 航空器如果只具有信号接收能力，按管制员的提示飞行。

5.3.2 If radio receiver is available but transmitter not, flight crew shall follow ATC instruction.

5.3.3 航空器如果只具有信号发射能力，航空器驾驶员应当立即将飞行意图告知管制员，并及时报告位置和高度信息，管制员根据航空器驾驶员报告的意图迅速调配其他航空器避让。

5.3.3 If radio transmitter is available but receiver not, flight crew shall notify flight intention to ATC immediately, report aircraft position and flight altitude. ATC shall command other aircrafts to avoid the conflict.

5.4 航空器双向通信失效

5.4 Aircraft two-way communication failure

5.4.1 将应答机设置为 7600。

5.4.1 Set the SSR transponder code to 7600.

5.4.2 进场航空器发生双向通信失效时若已得到进

5.4.2 If arrival aircraft has received information about

场程序、进近程序、落地跑道，则按照标准程序自主领航着陆。

arrival procedure, approach procedure and landing RWY, flight crew shall follow the relative RWY IAP to land by own navigation.

5.4.3 其他情况，计划航路经 BUPMI、AKOPI、MEXAD 进场的航空器高度上升或下降到修正海压高度 2400m 或安全高度(两者取高)向 ZYG 归航，加入 ZYG 右盘旋等待 360°或以上，继续执行第 5.4.5 条。

5.4.3 In other conditions, arrival aircraft from BUPMI, AKOPI or MEXAD shall climb/ descend to altitude 2400m(QNH) or safety altitude(choose the higher of two) to ZYG, and join ZYG right-turn holding pattern, then continue to execute 5.4.5.

5.4.4 其他情况，计划航路经 ELDUD、IGNAK、LADUP 进场的航空器高度上升或下降到修正海压高度 2400m 或安全高度(两者取高)向 JYA 归航，加入 JYA 左盘旋等待 360°或以上，继续执行第 5.4.5 条。

5.4.4 In other conditions, arrival aircraft from ELDUD, IGNAK or LADUP shall climb/ descend to altitude 2400m (QNH) or safety altitude(choose the higher of two) to JYA, and join JYA left-turn holding pattern, then continue to execute 5.4.5.

5.4.5 根据航行通告自行选择未关闭的跑道，并结合通播或风向风速自行确定着陆方向，退出盘旋后飞向最近的起始进近定位点，按照标准仪表进近程序自主领航着陆。

5.4.5 Choose unclosed RWY according to NOTAM, and decide landing direction based on ATIS or wind direction & wind speed. Fly to the closest IAF after exiting holding pattern and follow the relative RWY IAP to land by own navigation.

5.5 无线电通信恢复

5.5 Radio communication resume to normal

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

Once the aircraft experiencing communication failure land or resume communication, the ATC unit shall resume normal operation and inform concerned units immediately.

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 Ni

8. 目视参考点 **8. Visual reference point**

无 Nil

9. 其它规定 **9. Other regulations**

无 Nil

10. 区域导航飞行程序相关数据 **10. Data for RNAV flight procedures**

1. Waypoints list

Waypoint ID	COORDINATES	Waypoint ID	COORDINATES
TT401	N302922.4 E1042726.4	TT726	N304545.0 E1044749.8
TT402	N304120.5 E1043757.5	TT731	N302238.4 E1044659.2
TT403	N305148.4 E1044711.9	TT733	N302738.7 E1044921.8
TT404	N310020.2 E1045445.8	TT736	N304239.3 E1045631.1
TT409	N302839.1 E1043340.6	TT801	N301800.5 E1044719.0
TT410	N301911.4 E1042729.8	TT802	N301900.8 E1045707.6
TT413	N304559.5 E1045929.6	TT803	N302251.0 E1050245.3
TT420	N301745.7 E1041612.0	TT804	N302908.7 E1051201.0
TT422	N300244.1 E1041946.8	TT810	N310432.9 E1051250.8
TT426	N300513.1 E1043201.2	TT821	N292809.2 E1043955.8
TT427	N301536.1 E1043654.7	TT822	N292811.0 E1042117.7
TT428	N303747.2 E1044725.5	TT823	N294627.4 E1043606.2
TT431	N301349.8 E1042154.7	TT824	N300536.3 E1044044.7

TT432	N300526.3 E1041436.1	TT825	N301332.9 E1044240.8
TT436	N302352.2 E1041910.8	TT902	N301946.2 E1041824.9
TT438	N304202.4 E1042827.2	TT903	N300624.1 E1041210.0
TT461	N301117.1 E1044900.9	TT904	N300123.2 E1040949.7
TT462	N300120.4 E1045042.2	TT905	N295622.2 E1040729.7
TT463	N295648.0 E1045128.4	TT921	N302554.3 E1042117.8
TT466	N300721.5 E1043000.8	TT922	N303055.0 E1042339.2
TT467	N300017.0 E1042641.5	TT923	N303555.7 E1042600.8
TT468	N302208.6 E1042253.7	TT926	N305057.6 E1043307.1
TT503	N300403.8 E1041847.3	UT811	N301725.5 E1042027.7
TT504	N295903.0 E1041626.8	UT812	N302245.2 E1043152.9
TT505	N295402.1 E1041406.5	UT813	N302507.0 E1045447.5
TT506	N294901.2 E1041146.5	UT816	N303712.6 E1050734.0
TT507	N294400.2 E1040926.6	UU427	N302750.1 E1041037.7
TT513	N303334.8 E1043239.7	UU901	N303120.0 E1034328.0
TT514	N303835.3 E1043501.9	ZW	N3030.0 E10354.5
TT515	N304335.8 E1043724.3	CDX	N3115.0 E10422.8
TT516	N304836.3 E1043946.9	CTU	N3034.4 E10356.6
TT613	N300334.4 E1042010.3	CZH	N3038.7 E10341.2
TT614	N295833.6 E1041749.7	JYA	N2946.4 E10402.9
TT615	N295332.8 E1041529.4	WFX	N3036.4 E10429.5
TT616	N294831.9 E1041309.3	ZGA	N3035.5 E10443.9
TT617	N294330.9 E1041049.4	ZYG	N2956.4 E10444.3
TT623	N303305.2 E1043403.1	AKOPI	N3029.8 E10518.8
TT624	N303805.8 E1043625.3	ATVAX	N2930.2 E10501.4
TT625	N304306.2 E1043847.8	BOKIR	N3146.1 E10421.0
TT626	N304806.7 E1044110.5	BUPMI	N3125.3 E10517.4

TT701	N301637.7 E1043401.6	ELDUD	N2918.6 E10436.0
TT702	N300622.0 E1042911.9	IGNAK	N2916.3 E10415.7
TT703	N300113.7 E1042647.3	LADUP	N3036.5 E10301.0
TT705	N295112.3 E1042205.8	LUVEN	N2923.4 E10402.0
TT707	N294110.7 E1041725.2	MEXAD	N3146.8 E10438.3
TT712	N300317.5 E1043750.3	MUMGO	N3048.4 E10301.0
TT713	N295809.4 E1043525.3	NONOV	N3041.2 E10314.5
TT715	N294620.4 E1042952.5	SAGPI	N3103.3 E10525.1
TT723	N303043.9 E1044041.6	UBRAB	N3050.6 E10525.2
TT724	N303544.3 E1044304.1		

2. Database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (kt)	VPA/ TCH	Navigation Specification
RWY01 SID BOKIR-9C								
CF	TT401		010					RNAV1
TF	TT402	Y						RNAV1
DF	CDX			L				RNAV1
TF	BOKIR							RNAV1
RWY01 SID SAGPI-9C								
CF	TT401		010					RNAV1
TF	TT402	Y						RNAV1
TF	TT403							RNAV1
TF	TT404							RNAV1
TF	SAGPI							RNAV1
RWY01 SID UBRAB-9C								

CF	TT401		010					RNAV1
TF	TT402	Y						RNAV1
TF	TT403							RNAV1
TF	UBRAB							RNAV1
RWY01 SID ATVAX-9C								
CF	TT401		010					RNAV1
TF	TT402	Y						RNAV1
DF	TT461			R				RNAV1
TF	TT463							RNAV1
TF	ATVAX							RNAV1
RWY01 SID LUVEN-9C								
CF	TT401		010					RNAV1
TF	TT402	Y						RNAV1
DF	TT409			R				RNAV1
TF	TT420							RNAV1
TF	LUVEN							RNAV1
RWY01 SID MUMGO-9C								
CF	TT401		010					RNAV1
TF	TT402	Y						RNAV1
DF	TT409			R				RNAV1
TF	ZW							RNAV1
TF	CZH							RNAV1
TF	MUMGO							RNAV1
RWY02 SID BOKIR-9E								
CF	TT410	Y	025					RNAV1
CA			040		750			RNAV1
DF	ZGA	Y		R				RNAV1

DF	CDX			L				RNAV1
TF	BOKIR							RNAV1
RWY02 SID SAGPI-9E								
CF	TT410	Y	025					RNAV1
CA			040		750			RNAV1
DF	ZGA	Y		R				RNAV1
TF	TT413							RNAV1
TF	SAGPI							RNAV1
RWY02 SID UBRAB-9E								
CF	TT410	Y	025					RNAV1
CA			040		750			RNAV1
DF	ZGA	Y		R				RNAV1
TF	TT413							RNAV1
TF	UBRAB							RNAV1
RWY02 SID ATVAX-9E								
CF	TT410	Y	025					RNAV1
CA			040		750			RNAV1
DF	TT461			R				RNAV1
TF	TT462							RNAV1
TF	TT463							RNAV1
TF	ATVAX							RNAV1
RWY02 SID LUVEN-9E								
CF	TT410	Y	025					RNAV1
CA			040		750			RNAV1
DF	TT461			R				RNAV1
TF	TT462							RNAV1
TF	ZYG							RNAV1

TF	LUVEN							RNAV1
RWY02 SID MUMGO-9E								
CF	TT410	Y	025					RNAV1
CA			040		750			RNAV1
DF	ZGA	Y		R				RNAV1
DF	WFX			L				RNAV1
TF	ZW							RNAV1
TF	CZH							RNAV1
TF	MUMGO							RNAV1
RWY11 SID BOKIR-8K								
CA			115		600			RNAV1
DF	ZGA	Y		L				RNAV1
DF	CDX			L				RNAV1
TF	BOKIR							RNAV1
RWY11 SID SAGPI-8K								
CA			115		600			RNAV1
DF	ZGA			L				RNAV1
TF	TT413							RNAV1
TF	SAGPI							RNAV1
RWY11 SID UBRAB-8K								
CA			115		600			RNAV1
DF	ZGA			L				RNAV1
TF	TT413							RNAV1
TF	UBRAB							RNAV1
RWY11 SID ATVAX-9K								
CF	TT461		115					RNAV1
TF	TT462							RNAV1

TF	TT463							RNAV1
TF	ATVAX							RNAV1
RWY11 SID LUVEN-9K								
CF	TT461		115					RNAV1
TF	TT462							RNAV1
TF	ZYG							RNAV1
TF	LUVEN							RNAV1
RWY11 SID MUMGO-8K								
CA			115		600			RNAV1
DF	ZGA	Y		L				RNAV1
DF	WFX			L				RNAV1
TF	ZW							RNAV1
TF	CZH							RNAV1
TF	MUMGO							RNAV1
RWY11 SID BOKIR-6K								
CA			115		600			RNAV1
DF	TT466			R				RNAV1
TF	TT467	Y						RNAV1
DF	TT468			R				RNAV1
TF	WFX							RNAV1
TF	CDX							RNAV1
TF	BOKIR							RNAV1
RWY11 SID SAGPI-6K								
CA			115		600			RNAV1
DF	TT466			R				RNAV1
TF	TT467	Y						RNAV1
DF	TT468			R				RNAV1

TF	WFX							RNAV1
TF	SAGPI							RNAV1
RWY11 SID UBRAB-6K								
CA			115		600			RNAV1
DF	TT466			R				RNAV1
TF	TT467	Y						RNAV1
DF	TT468			R				RNAV1
TF	WFX							RNAV1
TF	UBRAB							RNAV1
RWY11 SID MUMGO-6K								
CA			115		600			RNAV1
DF	TT466			R				RNAV1
TF	TT467	Y						RNAV1
DF	TT468			R				RNAV1
TF	CTU							RNAV1
TF	CZH							RNAV1
TF	MUMGO							RNAV1
RWY19 SID BOKIR-6H								
CF	TT431	Y	220					RNAV1
DF	TT436			R				RNAV1
TF	TT438							RNAV1
TF	CDX							RNAV1
TF	BOKIR							RNAV1
RWY19 SID BOKIR-9H								
CF	TT432	Y	220					RNAV1
DF	TT426			L				RNAV1
TF	TT427							RNAV1

TF	WFX							RNAV1
TF	TT438							RNAV1
TF	CDX							RNAV1
TF	BOKIR							RNAV1
RWY19 SID SAGPI-6H								
CF	TT431	Y	220					RNAV1
DF	TT436			R				RNAV1
TF	TT438							RNAV1
TF	SAGPI							RNAV1
RWY19 SID SAGPI-9H								
CF	TT432	Y	220					RNAV1
DF	TT426			L				RNAV1
TF	TT427							RNAV1
TF	TT428							RNAV1
TF	SAGPI							RNAV1
RWY19 SID UBRAB-9H								
CF	TT432	Y	220					RNAV1
DF	TT426			L				RNAV1
TF	TT427							RNAV1
TF	TT428							RNAV1
TF	UBRAB							RNAV1
RWY19 SID ATVAX-9H								
CF	TT432	Y	220					RNAV1
DF	ATVAX			L				RNAV1
RWY19 SID LUVEN-9H								
CF	TT432	Y	220					RNAV1
DF	LUVEN			L				RNAV1

RWY19 SID MUMGO-6H								
CF	TT431	Y	220					RNAV1
DF	UU427			R				RNAV1
TF	CTU							RNAV1
TF	CZH							RNAV1
TF	MUMGO							RNAV1
RWY19 SID MUMGO-9H								
CF	TT432	Y	220					RNAV1
DF	TT426			L				RNAV1
TF	TT427							RNAV1
TF	UU427							RNAV1
TF	CTU							RNAV1
TF	CZH							RNAV1
TF	MUMGO							RNAV1
RWY20 SID BOKIR-9G								
CF	TT422	Y	205					RNAV1
DF	TT426			L				RNAV1
TF	TT427							RNAV1
TF	WFX							RNAV1
TF	CDX							RNAV1
TF	BOKIR							RNAV1
RWY20 SID SAGPI-9G								
CF	TT422	Y	205					RNAV1
DF	TT426			L				RNAV1
TF	TT427							RNAV1
TF	TT428							RNAV1
TF	SAGPI							RNAV1

RWY20 SID UBRAB-9G								
CF	TT422	Y	205					RNAV1
DF	TT426			L				RNAV1
TF	TT427							RNAV1
TF	TT428							RNAV1
TF	UBRAB							RNAV1
RWY20 SID ATVAX-9G								
CF	TT422	Y	205					RNAV1
DF	TT823			L				RNAV1
TF	ATVAX							RNAV1
RWY20 SID LUVEN-9G								
CF	TT422	Y	205					RNAV1
TF	LUVEN							RNAV1
RWY20 SID MUMGO-9G								
CF	TT422	Y	205					RNAV1
DF	TT426			L				RNAV1
TF	TT427							RNAV1
TF	CTU							RNAV1
TF	CZH							RNAV1
TF	MUMGO							RNAV1
RWY01/02 STAR MEXAD-6M								
IF	MEXAD							RNAV1
TF	TT810				↓3600			RNAV1
TF	UT816							RNAV1
TF	UT813							RNAV1
TF	UT812							RNAV1
TF	UT811							RNAV1

TF	TT903							RNAV1
TF	TT904				↑1500	MAX 200		RNAV1
RWY01/02 STAR MEXAD-8M								
IF	MEXAD							RNAV1
TF	TT810				↓3600			RNAV1
TF	UT816							RNAV1
TF	UT813							RNAV1
TF	TT801							RNAV1
TF	TT701				↑2400			RNAV1
TF	TT702							RNAV1
TF	TT703				↑1500	MAX 200		RNAV1
RWY01/02 STAR BUPMI-6M								
IF	BUPMI							RNAV1
TF	TT810				↓3600			RNAV1
TF	UT816							RNAV1
TF	UT813							RNAV1
TF	UT812							RNAV1
TF	UT811							RNAV1
TF	TT903							RNAV1
TF	TT904				↑1500	MAX 200		RNAV1
RWY01/02 STAR BUPMI-8M								
IF	BUPMI							RNAV1
TF	TT810				↓3600			RNAV1
TF	UT816							RNAV1
TF	UT813							RNAV1

TF	TT801							RNAV1
TF	TT701				↑2400			RNAV1
TF	TT702							RNAV1
TF	TT703				↑1500	MAX 200		RNAV1
RWY01/02 STAR AKOPI-6M								
IF	AKOPI							RNAV1
TF	TT804							RNAV1
TF	TT803							RNAV1
TF	TT802							RNAV1
TF	TT801							RNAV1
TF	TT701				↑2400			RNAV1
TF	TT903							RNAV1
TF	TT904				↑1500	MAX 200		RNAV1
RWY01/02 STAR AKOPI-8M								
IF	AKOPI							RNAV1
TF	TT804							RNAV1
TF	TT803							RNAV1
TF	TT802							RNAV1
TF	TT801							RNAV1
TF	TT701				↑2400			RNAV1
TF	TT702							RNAV1
TF	TT703				↑1500	MAX 200		RNAV1
RWY01/02 STAR ELDUD-8M								
IF	ELDUD							RNAV1
TF	TT821							RNAV1

TF	TT715				↓3000			RNAV1
TF	TT713							RNAV1
TF	TT712							RNAV1
TF	TT702							RNAV1
TF	TT703				↑1500	MAX 200		RNAV1
RWY01/02 STAR IGNAK-8M								
IF	IGNAK							RNAV1
TF	TT822							RNAV1
TF	TT715				↓3000			RNAV1
TF	TT713							RNAV1
TF	TT712							RNAV1
TF	TT702							RNAV1
TF	TT703				↑1500	MAX 200		RNAV1
RWY01/02 STAR LADUP-8M								
IF	LADUP							RNAV1
TF	NONOV				↑4800			RNAV1
TF	CZH				↑3900			RNAV1
TF	UU901							RNAV1
TF	TT903							RNAV1
TF	TT904				↑1500	MAX 200		RNAV1
RWY19/20 STAR MEXAD-8V								
IF	MEXAD							RNAV1
TF	TT810				↓3600			RNAV1
TF	TT736							RNAV1
TF	TT733							RNAV1

TF	TT723							RNAV1
TF	TT724				↑1500	MAX 200		RNAV1
RWY19/20 STAR BUPMI-8V								
IF	BUPMI							RNAV1
TF	TT810				↓3600			RNAV1
TF	TT736							RNAV1
TF	TT733							RNAV1
TF	TT723							RNAV1
TF	TT724				↑1500	MAX 200		RNAV1
RWY19/20 STAR AKOPI-6V								
IF	AKOPI							RNAV1
TF	TT804							RNAV1
TF	TT803							RNAV1
TF	TT802							RNAV1
TF	TT731							RNAV1
TF	TT922							RNAV1
TF	TT923				↑1500	MAX 200		RNAV1
RWY19/20 STAR AKOPI-8V								
IF	AKOPI							RNAV1
TF	TT804							RNAV1
TF	TT803							RNAV1
TF	TT733							RNAV1
TF	TT723							RNAV1
TF	TT724				↑1500	MAX 200		RNAV1

RWY19/20 STAR ELDUD-6V								
IF	ELDUD							RNAV1
TF	TT821							RNAV1
TF	TT823				↓3000			RNAV1
TF	TT824							RNAV1
TF	TT921				↑2100			RNAV1
TF	TT922							RNAV1
TF	TT923				↑1500	MAX 200		RNAV1
RWY19/20 STAR ELDUD-8V								
IF	ELDUD							RNAV1
TF	TT821							RNAV1
TF	TT823				↓3000			RNAV1
TF	TT824							RNAV1
TF	TT825				↑2400			RNAV1
TF	TT731							RNAV1
TF	TT733							RNAV1
TF	TT723							RNAV1
TF	TT724				↑1500	MAX 200		RNAV1
RWY19/20 STAR IGNAK-6V								
IF	IGNAK							RNAV1
TF	TT822							RNAV1
TF	TT823				↓3000			RNAV1
TF	TT824							RNAV1
TF	TT921				↑2100			RNAV1
TF	TT922							RNAV1

TF	TT923				↑1500	MAX 200		RNAV1
RWY19/20 STAR IGNAK-8V								
IF	IGNAK							RNAV1
TF	TT822							RNAV1
TF	TT823				↓3000			RNAV1
TF	TT824							RNAV1
TF	TT825				↑2400			RNAV1
TF	TT731							RNAV1
TF	TT733							RNAV1
TF	TT723							RNAV1
TF	TT724				↑1500	MAX 200		RNAV1
RWY19/20 STAR LADUP-8V								
IF	LADUP							RNAV1
TF	NONOV				↑4800			RNAV1
TF	CZH				↑3900			RNAV1
TF	UU901							RNAV1
TF	TT921				↑2100			RNAV1
TF	TT922							RNAV1
TF	TT923				↑1500	MAX 200		RNAV1
RWY01/02/19/20 HOLDING (OUTBOUND TIME: 1min)								
HM	TT810	Y	192	L	3000			RNAV1
HM	TT803	Y	234	L	3000			RNAV1
HM	TT821	Y	022	R	3000			RNAV1
HM	TT822	Y	025	R	3600			RNAV1
HM	CZH	Y	098	L	3900			RNAV1

RWY01 APPROACH TRANSITION TT703								
IF	TT703				↑1500	MAX 200		RNAV1
TF	TT705					AT 180		RNAV1
TF	TT707							RNAV1
TF	TT507							RNAV1
RWY01 APPROACH TRANSITION TT904								
IF	TT904				↑1500	MAX 200		RNAV1
TF	TT905					AT 180		RNAV1
TF	JYA							RNAV1
TF	TT507							RNAV1
RWY01 APPROACH TRANSITION TT507								
IF	TT507							RNAV1
TF	TT506							RNAV1
TF	TT505							RNAV1
TF	TT504					AT 180		RNAV1
TF	TT503				1500			RNAV1
RWY02 APPROACH TRANSITION TT703								
IF	TT703				↑1500	MAX 200		RNAV1
TF	TT705					AT 180		RNAV1
TF	TT707							RNAV1
TF	TT617							RNAV1
RWY02 APPROACH TRANSITION TT904								
IF	TT904				↑1500	MAX 200		RNAV1
TF	TT905					AT 180		RNAV1

TF	JYA							RNAV1
TF	TT617							RNAV1
RWY02 APPROACH TRANSITION TT617								
IF	TT617							RNAV1
TF	TT616							RNAV1
TF	TT615							RNAV1
TF	TT614					AT 180		RNAV1
TF	TT613				1200			RNAV1
RWY19 APPROACH TRANSITION TT724								
IF	TT724				↑1500	MAX 200		RNAV1
TF	TT726					AT 180		RNAV1
TF	TT516							RNAV1
RWY19 APPROACH TRANSITION TT923								
IF	TT923				↑1500	MAX 200		RNAV1
TF	TT926					AT 180		RNAV1
TF	TT516							RNAV1
RWY19 APPROACH TRANSITION TT516								
IF	TT516							RNAV1
TF	TT515							RNAV1
TF	TT514					AT 180		RNAV1
TF	TT513				1500			RNAV1
RWY20 APPROACH TRANSITION TT724								
IF	TT724				↑1500	MAX 200		RNAV1
TF	TT726					AT 180		RNAV1
TF	TT626							RNAV1

RWY20 APPROACH TRANSITION TT923								
IF	TT923				↑1500	MAX 200		RNAV1
TF	TT926				1500	AT 180		RNAV1
TF	TT626							RNAV1
RWY20 APPROACH TRANSITION TT626								
IF	TT626							RNAV1
TF	TT625							RNAV1
TF	TT624					AT 180		RNAV1
TF	TT623				1200			RNAV1
RWY01 MISSED APPROACH								
CF	TT401	Y	010			MAX 200		RNAV1
DF	TT902			L				RNAV1
TF	TT904				1500			RNAV1
RWY02 MISSED APPROACH								
CF	TT410	Y	025			MAX 200		RNAV1
DF	ZGA			R	1500			RNAV1
RWY02 HOLDING (OUTBOUND TIME:1min)								
HM	ZGA	Y	043	R	1500			RNAV1
RWY19 MISSED APPROACH								
CA			205		700	MAX 200		RNAV1
DF	TT921			R				RNAV1
TF	TT923				1500			RNAV1
RWY20 MISSED APPROACH								
CA			205		700	MAX		RNAV1

						200		
DF	ZYG			L	1500			RNAV1
RWY20 HOLDING(OUTBOUND TIME:1min)								
HM	ZYG	Y	022	R	1500			RNAV1

ZUTF AD 2.23 其它资料

全年皆有鸟群活动。机场配备了驱鸟设备,并采取了驱赶措施以减少鸟群活动。

ZUTF AD 2.23 Other information

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