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

ZSOF-合肥/新桥 HEFEI/Xinqiao

ZSOF 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	N31 °59.2' E116 °58.5' Center of RWY
2	方向、距离 Direction and distance from city	295 °GEO, 31.8km from city center
3	标高/参考气温 Elevation / Reference temperature	63.5m/32.8 ℃(JUL)
4	机场标高位置/大地水准面波幅 AD ELEV PSN / geoid undulation	ARP/-
5	磁差/年变率 MAG VAR/ Annual change	4 °W(2001)/-0.5′
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	Anhui Civil Aviation Airport Group CO.LTD Hefei Xinqiao International Airport, Hefei, Anhui province, China TEL:86-551-63777028 FAX:86-551-63777033 AFS:ZSOFYDYX Website:www.hfairport.com
7	允许飞行种类 Types of traffic permitted(IFR / VFR)	IFR/VFR
8	机场性质/飞行区指标 Military or civil airport &Reference code	CIVIL/4E
9	备注 Remarks	Nil

ZSOF 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	H24
12	备注 Remarks	Nil

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

1	货物装卸设施 Cargo-handling facilities	Tow tractor, conveyor truck, elevation platform truck, fork, bulk trailer, container/board tray
2	燃油/滑油牌号 Fuel/oil types	Nr.3 jet fuel/ lubricating oil.BP2197, BP2358, JET OIL II
3	加油设施/能力 Fuelling facilities/capacity	Hydrant dispenser, refueling truck,refueling oil well, oil tank volume
4	除冰设施 De-icing facilities	De-icer, de-icing fluid（KHF-I,CLEANWING-II）
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	Have the A319/320/321, B737-300/400/500/700/800/900, B757-200, A330-200/300 maintenance ability
7	备注	Ground power unit, ground air unit, towing vehicle,ground air

	Remarks	preconditioning unit, broading bridge power unit, bridge conditioning

ZSOF 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	Passenger's coaches
4	医疗设施 Medical facilities	First-aid center at AD
5	银行和邮局 Bank and Post Office	Bank at TML
6	旅行社 Tourist Office	At AD
7	备注 Remarks	Nil

ZSOF 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 8
2	援救设备 Rescue equipment	Fire fighting facilities: rapid intervention vehicle, fighting command car,primary foam tender, heavy foam tender, heavy water tank,logistics truck, illumination truck, disassembly rescue truck, command car; Rescue equipments: medicament supply truck, first-aid case, stretcher,defibrillator, axe, cutting machine, spreading forceps, descending lifeline, etc.
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	Mobile surface operation devices Traction rack (available for A319/320/321, B737-300/400/500/700/800/900, E145/E190 and CRJ200/700)
4	备注 Remarks	Nil

ZSOF 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	Snow blowers, snow scraper

2	扫雪顺序 Clearance priorities	RWY, TWY and Apron
3	备注 Remarks	Nil

ZSOF AD 2.8 停机坪、滑行道及校正位置数据 Aprons, taxiways and check locations data

1	停机坪道面和强度 Apron surface and strength	Surface:	Cement concrete
		Strength:	PCN 96/R/B/W/T (Stands Nr.505, 506) PCN 88/R/B/W/T (Stands Nr.8-11, 17) PCN 70/R/B/W/T (Stands Nr.1-7, 12-16, 18-27)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	45m: A7（BTN TWY A & cargo apron）; 39m: A2, A7（BTN TWY A & RWY）; 36.5m: G; 31m: A1, A8; 28.5m: A3-A6; 27m: H; 23m: A, B, E, F
		Surface:	Cement concrete
		Strength:	PCN 96/R/B/W/T(A7（BTN TWY A & cargo apron）) PCN 88/R/B/W/T(A、A1、A2、A7（BTN TWY A & RWY）、A8、B、E、F、G、H) PCN 70/R/B/W/T(A3-A6)
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	

ZSOF 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	Taxiing guidance signs at all intersections of TWY and RWY; Guide lines at all TWYs and apron; Marking at all holding positions; Aircraft stopping line at all stands; Docking Guidance System for aircraft stands at Nr.8-11,17; Other stands

	guidance system of aircraft stands	available for marshaller guidance. Refer AD1.1 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	RWY designation, THR, center line, TDZ, edge line, aiming point
		RWY lights	THR, RWY end, wing bar, edge line, center line
		TWY markings	Center line, intermediate holding positions, edge line,curve signs, RWY holding positions, No-entry signs
		TWY lights	Edge line, RWY guard lights, center line,intermediate holding position, rapid exit taxiway indicator
3	停止排灯 Stop bars	Isolated apron (located in TWY A , 42m north of TWY A1.) No-entry bar installed on rapid exit TWY A3-A6.	
4	备注 Remarks	Nil	

ZSOF 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 15/33

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	TWR	0	9715	132.9		
2	Chimney	015	4523	96.6		
3	TWR	022	10809	142.1		
4	TWR	031	11676	121.3		
5	TWR	032	8693	132		
6	Chimney	033	5420	100.6		
7	TWR	037	5798	123.5		
8	TWR	045	12558	151.3	RWY 15 Initial approach	
9	Water TWR	047	11796	123.1		
10	MT	047	12456	148.5		
11	TWR	057	13378	109.4		

Obstacles within a circle with a radius of 15km centered on the center of RWY 15/33						
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
12	TWR	067	11873	136.4		
13	TWR	071	11668	129.5		
14	TWR	091	12967	130.6		
15	TWR	092	13791	132.9		
16	TWR	094	11953	128.2		
17	TWR	100	10820	120.7		
18	TWR	105	7970	111.8		
19	TWR	109	12126	105.6		
20	TWR	116	12134	108.3		
21	TWR	118	6363	130.1		
22	TWR	120	6453	146.4	CAT C/D Circling	
23	TWR	126	5758	111.7		
24	TWR	135	12675	106.5		
25	TWR	145	13359	124.4		
26	TWR	146	9953	115.8		
27	TWR	147	5140	123.7	RWY15 departure; take-off path	
28	TWR	148	11055	116		
29	TWR	149	9562	123.5		
30	TWR	149	10010	130.9	RWY33 VOR/DME final approach, GP INOP	
31	TWR	149	12238	115.5		
32	Pole	151	1958	65.3		
33	Pole	152	2119	68.5		
34	TWR	152	12530	130.9		

Obstacles within a circle with a radius of 15km centered on the center of RWY 15/33						
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
35	TWR	153	5468	104.8		
36	Pole	154	2157	67		
37	TWR	154	9294	101.8		
38	Pole	156	1964	66.3		
39	Pole	156	2120	67.9		
40	TWR	157	7332	111.3		
41	Antenna	159	1405	77.4	RWY33 ILS/DME final approach	
42	TWR	161	6460	103.7		
43	TWR	162	7678	127.3		
44	TWR	169	4311	98.9		
45	TWR	178	12157	121.5		
46	TWR	189	10967	108.3		
47	TWR	198	13993	120.4		
48	TWR	205	6714	107.6		
49	Water TWR	221	6572	90.1		
50	TWR	222	6740	90.9		
51	TWR	223	990	101.1		
52	TWR	224	5261	104.8		
53	TWR	224	6651	114.3		
54	TWR	225	9995	101.9		
55	TWR	238	10575	101.5		
56	TWR	248	9208	104.2		
57	TWR	274	7187	105.8		
58	Control TWR	277	817	132	RWY15&33 missed	

Obstacles within a circle with a radius of 15km centered on the center of RWY 15/33						
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
					approach; CAT A/B circling	
59	TWR	295	9110	112.9		
60	TWR	309	11854	112.4		
61	TWR	318	13919	116.4	RWY15 intermediate approach	
62	TWR	335	10608	118.3		
63	Pole	336	1978	62		
64	GP Antenna	339	1408	75.7	RWY15 ILS/DME Final approach	
65	TWR	340	10873	127	RWY15 VOR/DME final approach, GP INOP; RWY33 departure	
66	Chimney	341	11279	100.8		
67	TWR	358	14386	120.6		
Others:						

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	MT	028	83550	255	MVA	50W Map Obstacle
2	BLDG	119	30765	204		

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
3	BLDG	123	31053	265		
4	BLDG	124	29592	194		
5	BLDG	135	30434	337	RWY33 initial approach	
6	TV TWR	136	24615	386	RWY33 initial approach; MVA	
7	BLDG	139	43575	513	MVA	
8	Antenna	157	16397	173	RWY33 intermediate approach	
9	Antenna	157	16442	172		
10	TWR	162	16235	107		
11	TWR	171	15517	111		
12	MT	177	81370	597	MVA	50W Map Obstacle
13	MT	179	30300	248		
14	MT	188	31396	200		
15	MT	188	73670	769	MVA	25W Map Obstacle
16	MT	190	31100	207		
17	MT	194	31102	236		
18	MT	197	28735	189		
19	MT	197	31165	251		
20	MT	200	106690	1151	MVA	25W Map Obstacle
21	MT	209	32332	201		

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
22	MT	210	32371	229		
23	MT	212	33564	299		
24	MT	212	34802	221		
25	MT	222	122610	1774	MVA	50W Map Obstacle
26	MT	224	38240	236	MVA	
27	Chimney	320	15298	86		
28	TWR	321	15762	87		
Others: Other obstacles refer to AD OBST chart.						

ZSOF 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	Anhui ATMB 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	Anhui ATMB MET Office; 9 HR, 24 HR; 3h, 6h
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	Chart, International MET Codes, Abbreviated Plain Language Text

	Flight documentation, Languages used	Ch, En
7	讲解/咨询服务时可利用的图表和其它信息 Charts and other information available for briefing or consultation	Synoptic charts, significant weather charts, upper W/T charts, satellite and radar 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
9	提供气象情报的空中交通服务单位 ATS units provided with information	Flight Service Forecast Office, ACC, APP, TWR
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, TEND
12	观测系统及位置 Observation System & Site(s)	RVR EQPT A: 100m E of RCL, 338m inward THR 15 B: 100m E of RCL, 1690m inward THR33 C: 100m E of RCL, 322m inward THR33 SFC wind sensors SFC wind sensors: RWY center: 110m E of RCL, 1700m inward THR33; Ceilometer Ceilometer: RWY15: 10m E of RCL, 1165m outward THR15; RWY33: 110m E of RCL, 322m inward THR33.
13	气象观测系统的工作时间 Hours of operation for meteorological observation system	H24
14	气候资料 Climatological information	Climatological tables AVBL
15	其他信息 Additional information	Nil

ZSOF AD 2.12 跑道物理特征 Runway physical characteristics

跑道号码 Designations	真方位和磁方位	跑道长宽 Dimensions of	跑道强度(PCN), 跑道道面/ 停止	着陆入口坐标及高程异常	跑道入口标高,精密进近跑道接地带最高标高

RWY NR	TRUE &MAG BRG	RWY(m)	道道面 RWY strength (PCN), RWY surface / SWYsurface	THR coordinates and geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
15	150 °GEO 154 °MAG	3400×45	88/R/B/W/T (0-1000m) CONC 70/R/B/W/T (1000-2400m) CONC 88/R/B/W/T (2400-3400m) CONC/-		THR61.1m
33	330 °GEO 334 °MAG	3400×45	88/R/B/W/T (0-1000m) CONC 70/R/B/W/T (1000-2400m) CONC 88/R/B/W/T (2400-3400m) CONC/-		THR63.4m
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	3520×300	Nil	240×150
See AOC	Nil	Nil	3520×300	Nil	240×150
Remark: Remarks:					

ZSOF 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
15	3400	3400	3400	3400	Nil
15	3200	3200	3200	3400	FM A2
33	3400	3400	3400	3400	Nil
33	3200	3200	3200	3400	FM A7
Remarks:					

ZSOF 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
15	PALS CAT I* 900m LIH	GREEN Yes	PAPI LEFT 388m inward THR15 3°	Nil	3400m** spacing 30m	3400m*** spacing 60m	RED	Nil
33	PALS CAT I* 900m LIH	GREEN Yes	PAPI LEFT 408m inward THR33 3°	Nil	3400m** spacing 30m	3400m*** spacing 60m	RED	Nil
Remarks: * SFL ** up to 2500 White LIH, 2500-3100 Red/White LIH, 3100-3400 Red VRB LIH *** up to 2800m White LIH, 2800-3400m Yellow VRB LIH								

ZSOF 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	Nil
3	滑行道边灯和中线灯 TWY edge and center line lighting	All TWYs; The colour of TWY center line lights for TWYs A1, A2, A7, A8 (BTN RWY holding position and RCL) is alternate yellow and green.
4	备份电源/转换时间 Secondary power supply/switch-over time	Available/ <15 sec
5	备注 Remarks	Nil

ZSOF 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

ZSOF 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

名称 Designation	水平范围 Lateral limits	垂直范围 Vertical limits	备注 Remarks
Hefei tower control area	A circuit, 2 arcs with radius 20km centered at ARP and 2 parallel lines of 10km from RWY center line.	SFC-700m(QNH)	
Fuel Dumping Area	N3128.0E11656.0－ N3055.0E116 05.0－ N3024.0E116 16.0－ N3114.0E11707.0－ N3128.0E116 56.0	4000m and above	Fuel Dumping Area
Altimeter setting region and TL/TA	A circle with a radius of 30NM centered on Xinqiao VOR/DME.	TL 3600m TA 3000m 3300m(QNH≥1031hPa) 2700m(QNH≤979hPa)	Altimeter setting region and TL/TA

ZSOF 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		128.85	H24	
APP	Hefei Approach	APP01:119.85(119.025)	H24	
APP	Hefei Approach	APP02:120.45(119.025)	by ATC	Contact ZSOFAP03 when ZSOF AP02 U/S.
APP	Hefei Approach	APP03:124.45(119.025)	0030-1130	Contact ZSOFAP01 when ZSOF AP03 U/S.
TWR	Heifei Tower	118.75(118.1)	H24	DCL available
GND	Hefei Ground	121.625	0030-1130 or by ATC	
APN	Hefei Apron	121.725	H24	
EMG		121.5		

ZSOF 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
Xinqiao VOR/DME	XQH	109.8MHz CH35X	N32 °00.6' E116 °57.6'	65m	1200m extened RWY centerline FM THR15
Taohua VOR/DME	THA	114.7MHz CH94X	N31 °46.7' E117 °07.4' 462.9m E of RCL, 25604.3m outward THR33	45m	
Luogang VOR/DME	HFE	116.7MHz CH114X	N31°46.5′ E117°18.1′	38m	Beyond 25NM On R327 °for VOR U/S; beyond 38.5NM on R314 °(except holding pattern at 3000m) U/S; beyond 29NM on R254 °U/S.
Cha'an VOR/DME	HFC	111.8MHz CH55X	N32°04.8′ E116°46.1′ 11997.5m W of RCL, 17115.5m outward THR15	47m	
LOC 15 ILS CAT I	IHF	109.3MHz	285m extened RWY centerline FM THR33		
GP 15		332.0MHz	120m NE of RCL, 297m inward THR15		Angle 3 °, RDH 15m
DME 15	IHF	CH30X (109.3MHz)	123m NE of RCL, 297m inward THR15	68m	Co-located with GP 15
LOC 33 ILS CAT I	IXQ	108.5MHz	285m extened RWY centerline FM THR15		
GP 33		329.9MHz	120m NE of RCL, 311m inward THR33		Angle 3 °, RDH 15m
DME 33	IXQ	CH22X	123m NE of RCL,	69m	Co-located with GP

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
		(108.5MHz)	311m inward THR33		33

ZSOF AD 2.20 本场飞行规定

1. 机场使用规定

1.1 除经空中交通管制部门许可外，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：B747-400 及其同类机型。

1.4 本场机坪管制范围为 B 滑（不含）以西的活动区和货运机坪，除 F 滑（不含）以北， G、H 滑。

2. 跑道和滑行道的使用

2.1 跑道运行规定

2.1.1 除经管制许可，禁止航空器在跑道上做 180°转弯；

2.2 非全跑道起飞运行规定

ZSOF AD 2.20 Local traffic regulations

1.Airport operations regulations

1.1 Take-off/landing of aircraft without SSR transponder are forbidden without ATC clearance;

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

1.3 Maximum aircraft to be available: B747-400 and equivalent.

1.4 APN control area: The movement area of west of TWY B(exclusive) and cargo apron except for north of TWY F(exclusive), TWY G, TWY H.

2. Use of runways and taxiways

2.1 Rules for use of RWY

2.1.1 180 °turnaround on RWY is strictly forbidden for all aircraft without ATC clearance;

2.2 Rules for use of Non-full length RWY

2.2.1 非全跑道起飞需向管制部门提出申请;

2.2.1 If the departure aircraft needs use Non-full length RWY to take-off, contact ATC to obtain clearance;

2.2.2 航空器在 A2 或 A7 滑行道上未完全进入跑道前,A 滑行道上航空器不得通过 A2 或 A7 滑行道口;

2.2.2 If aircraft on TWY A2 or A7 enter RWY incompletely, aircraft on TWY A should not pass the crossing of TWY A2 or A7;

2.2.3 本场能见度小于 1000m（不含）时，不得使用非全跑道起飞;

2.2.3 If VIS < 1000m, departure aircraft cannot use Non-full length RWY to take-off;

2.3 滑行道使用限制：航空器最大翼展为 65m(含)。

2.3 TWYs limits: wing span limits for aircraft is not more than 65m.

2.4 着陆航空器脱离跑道的要求

2.4 Rules for landing aircraft vacate RWY

2.4.1 着陆航空器脱离跑道时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;

2.4.1 Landing aircraft shall report to TWR Control 'RWY vacated' and the taxiway used for vacating.

2.4.2 着陆航空器使用 15 号跑道落地时，应尽快由 A5 或 A6 快速滑行道脱离；如需选择其他道口脱离跑道，应在首次联系时报告塔台管制员;

2.4.2 Landing aircraft shall vacate RWY15 via A5 or A6. Aircrew shall inform the TWR control at the initial contact if need to vacate RWY via other taxiway;

2.4.3 着陆航空器使用 33 号跑道落地时，应尽快由 A3 快速滑行道脱离；如需选择其他道口脱离跑道，应在首次联系时报告塔台管制员;

2.4.3 Landing aircraft shall vacate RWY33 via A3. Aircraft shall inform the TWR control at the initial contact if need to vacate RWY via other taxiway;

2.4.4 着陆航空器使用 33 号跑道落地时，A4 快速滑行道除非得到塔台管制员许可，一般不提供使用。

2.4.4 Landing aircraft shouldn't vacate RWY33 via A4 until obtain clearence by TWR control.

3. 机坪和机位的使用

3. Use of aprons and parking stands

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

停机位/Stands	航空器翼展限制/ Wing span limits for aircraft	机身长度限制/ Fuselage limits	滑入、滑出方式 Enter or exit
Nr.1-2, 4-7, 12, 14-16, 18-19	≤36m	≤44.5m	Taxi in/Push-back
Nr.3, 13, 21-23	≤36m	≤46.5m	Nr.3,13 Taxi in/Push-back Nr.21-23 Taxi in/Taxi out
Nr.8, 17	≤65m	≤73.86m	Taxi in/Push-back
Nr.9-11, 20	≤47.6m	≤54.94m	Nr.9-11 Taxi in/Push-back Nr.20 Taxi in/Taxi out
Nr.24-27	≤36m	≤39.47m	Taxi in/Push-back
Nr.505	≤51.97m	≤61.6m	Taxi in/Push-back
Nr.506	≤64.92	≤70.67	Taxi in/Push-back

3.2 20-23 号停机位滑出引导线使用限制：航空器最大翼展为 52m(含);

3.2 Taxiing line from stands Nr.20-23 limits: wing span limits for aircraft is not more than 52m;

3.3 停靠 12-19 号停机位的进港航空器须经管制员许可，跟随引导车进入机位。

3.3 Aircraft shall enter stands Nr.12-19 has been obtained from TWR and follow the follow-me vehicle.

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

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

航空器在跑道东北侧进离场飞行时，距离跑道的宽度不得超过 10km。

The distance to RWY shall not more than 10km, while aircraft arrival/departure from NE of RWY.

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

ZSOF AD 2.21 噪音限制规定及减噪程序

ZSOF AD 2.21 Noise restrictions and Noise abatement procedures

无

Nil

ZSOF AD 2.22 飞行程序

ZSOF AD 2.22 Flight procedures

1. 总则

1. General

除经进近或塔台特殊许可外，在进近和塔台管制区内的飞行，必须按照仪表飞行规则进行。

Flights within APP Control or Tower Control Areas shall operate under IFR unless special clearance have been obtained from APP Control and Tower Control.

2. 起落航线

2. Traffic circuits

起落航线在跑道西南侧进行, A 类航空器高度 350m，B、C、D 类航空器高度 450m。

Traffic circuits shall be made to the southwest of RWY,at the altitude of 350m for aircraft CAT A, and

450m for aircraft CAT B, C and D.

3. 仪表飞行程序

3. IFR flight procedures

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。

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.

1.航空器如不具备 RNAV1 能力，机组应在初次联系进近或塔台时向管制员声明，如在执行 RNAV 程序过程中丧失 RNAV1 能力，机组应立即向管制员通报;

Aircraft without RNAV1 capability shall inform TWR or APP at the first contact. If RNAV1 capability is lost during RNAV flight procedure, flight crew shall inform ATC immediately;

2.航空器如不具备 RNAV1 能力,管制员将优先使用雷达引导，航空器在未收到 ATC 雷达引导指令前，沿传统程序飞行;

ATC shall give priority to radar vectoring ,when aircraft without RNAV1 capability . Aircraft shall execute conventional flight procedure before receiving the ATC radar vectoring instructions;

4. 雷达程序和/或 ADS-B 程序

4. Radar procedures and/or ADS-B procedures

4.1 雷达引导程序

4.1 Radar vector procedure

4.1.1 最低监视引导高度扇区

4.1.1 Surveillance Minimum Altitude Sectors

Sector 1	ALT limit: 600m or above
N321934E1155944-N323007E1171702-N320242E1172609-XQH-N313835E1163444-N321934E1155944	
Sector 2	ALT limit: 700m or above
N313835E1163444-XQH-N320242E1172609-N314712E1173116-N314651E1171510-N312635E1170105-N312610E1164512-N313835E1163444	

Sector 3	ALT limit: 1200m or above
N324248E1171530-N324004E1175258-N314300E1180618-N313910E1180600-N313412E1184200-N305706E1184512-N305117E1174431-N310852E1174416-N310852E1171601-N312635E1170105-N312725E1173745-N314712E1173116-N320242E1172609-N323007E1171702- N324248E1171530	
Sector 4	ALT limit: 1400m or above
N312610E1164512-N312635E1170105-N310852E1171601-N310852E1174416-N305117E1174431-N304628E1165748-N310708E1170108-N312610E1164512	
Sector 5	ALT limit: 1800m or above
N323102E1154949-N313835E1163444-N312610E1164512-N310708E1170108-N304628E1165748-N320527E1155055-N323102E1154949	
Sector 6	ALT limit: 2400m or above
N320527E1155055-N304628E1165748-N303930E1155432-N320527E1155055	
Sector 7	ALT limit: 900m or above
N323102E1154949- N324248E1171530-N323007E1171702-N321934E1155944-N323102E1154949	
Sector 8	ALT limit: 900m or above
N314651E1171510-N314712E1173116-N312725E1173745-N312635E1170105-N314651E1171510	

5. 无线电通信失效程序

5.1 当航空器在进场过程中发生地空通信双向失效时，航空器按照该方向的 RNAV 程序飞行。不具备 RNAV1 运行能力的进港航空器沿传统程序飞行。如果航空器在执行 RNAV 进场程序过程中丧失 RNAV 运行能力，机组应就近加入传统进场程序。

5.2 单向通信失效

5. Radio communication failure procedures

5.1 If radio communication failure happened during the arrival procedure, aircraft shall keep direction to execute RNAV flight procedure. Aircraft without RNAV1 capability shall execute conventional flight procedure. If RNAV1 capability is lost during RNAV arrival procedure, aircraft shall join in the nearest conventional arrival procedure.

5.2 One-directional communication failure

5.2.1 航空器如果具有收信号能力,不具备发信号能力,可以通过让航空器收到管制员指令后进行雷达识别的方式继续实施指挥。

5.2.1 If the radio receiver is available, the radio transmitter not available, aircraft shall operate via radar identification after getting ATC clearance.

5.2.2 航空器如果具有发信号能力,不具备收信号能力,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的飞机避让。

5.2.2 If the radio transmitter is available, the radio receiver not available, aircraft shall inform the flight intention to ATC immediately and report position and altitude to ATC in time, then ATC command other aircraft to avoid the conflicts.

5.3 双向通信失效

5.3 Two-directional communication failure:

5.3.1 如果通信失效发生在起始进近定位点之前，并已接收到空中交通管制许可的进港航线时，应按照许可的进港航线和仪表进近图进近着陆。

5.3.1 If communication failure happened before IAF, and aircraft has received the permission to arrive, pilot shall follow the permitted arrival and instrument approach procedure to approach and land.

5.3.2 如果已经过起始进近定位点且未获得落地许可，则应当按仪表进近图进近至决断高度（或保持最低下降高度至复飞点）复飞，保持一边上升至1500m 后飞向 HFC，再按仪表进近图进近着陆。

5.3.2 If aircraft has passed IAF and has not received the permission for landing, pilot shall follow the instrument approach procedure to fly to DA(or remain MDA to MAPt) to go around, then fly to 'HFC' after keeping along upwind to 1500m, then approach and land according to the instrument approach procedure.

5.3.3 如果航空器正在接受雷达引导或未接收到空中交通管制许可的进港航线时，则应保持管制指令最后的高度，使用 15 号跑道时，直接飞向 HFC，如飞行高度在 1200m（含）以下，HFC 后直接按照仪表进近图进近着陆,否则加入等待程序下降到1200m后，按照仪表进近图进近着陆。使用 33 号跑道时，

5.3.3 If aircraft is under radar vector or has not received the arrival permission, pilot shall keep the last command ALT, when:a. landing via RWY15If altitude is 1200m or below, aircraft shall fly to 'HFC' to approach and land according to the instrument approach procedure; if altitude is above 1200m, aircraft

直接飞向 THA，如飞行高度在 1200m（含）以下，THA 后直接按照仪表进近图进近着陆，否则加入等待程序下降到 1200m 后，按照仪表进近图进近着陆。

shall fly to 'HFC' and join the holding procedure to descend to 1200m, then approach and land according to the instrument approach procedure. b. landing via RWY33If altitude is 1200m or below, aircraft shall fly to 'THA' to approach and land according to the instrument approach procedure; if altitude is above 1200m, aircraft shall fly to 'THA' and join the holding procedure to descend to 1200m, then approach and land according to the instrument approach procedure.

6. 目视飞行程序

6. Procedures for VFR flights

等待：在机场上空，按起落航线进行等待。

Holding: aircraft could hold following the traffic circuits mentioned above.

7. 目视飞行航线

7. VFR route

无

Nil

8. 目视参考点

8. Visual reference point

无

Nil

9. 其它规定

9. Other regulations

9.1 对机组的要求：

9.1 Requirements for pilots:

a. 须听清并重复滑行指令，尤其是界限性指令，发现疑问及时证实；

a. Verify and repeat the instructions;

b. 从停机位推出时，向管制员证实使用跑道、推出方向；

b. While pushed back from parking stand, verify the pushing direction and the approved RWY designation

to Control;

c. 在脱离跑道时，尤其在低能见度情况下，必须向管制报告脱离的跑道和所使用的滑行道;

c. After vacating RWY, especially under conditions of low visibility, report the RWY designation and TWY designation on initial contact with Control;

d. 专机滑行路线以管制员通知为准。

d. Taxiing routes of special flight will be instructed by ATC.

10. 区域导航飞行程序相关数据

10. Data for RNAV flight procedures

Waypoint Coordinates

Waypoint ID	COORDINATES	Waypoint ID	COORDINATES
OF102	N315257 E1170254	OF214	N314943 E1165619
OF103	N314929 E1170514	OF215	N314700 E1165050
OF104	N314737 E1170630	OF216	N321353 E1165558
OF105	N315017 E1171157	OF217	N321355 E1163950
OF106	N314422 E1165956	OF218	N322321 E1162559
OF107	N314140 E1165427		
OF108	N314348 E1170904	HFC	N3204.8 E11646.1
OF109	N314131 E1170151	HFE	N3146.5 E11718.1
OF110	N313936 E1165551		
OF111	N313745 E1170424	ADGOL	N3128.7 E11650.7
OF112	N313425 E1165921	AKAMI	N3215.0 E11657.2
OF118	N315307 E1171743	BIPIM	N3233.9 E11611.0
OF119	N315725 E1165105	IKUBA	N3051.3 E11554.1
OF120	N315442 E1164536	KAGVO	N3242.8 E11715.5
OF203	N320806 E1165237	KIKEG	N3136.9 E11703.1
OF204	N320634 E1164452	LEGIV	N3136.5 E11734.5

OF205	N321230 E1165654	MADUK	N3143.1 E11806.3
OF207	N315945 E1164210	MIDOX	N3119.3 E11552.9
OF208	N320228 E1164739	NOKUL	N3209.8 E11651.4
OF209	N320543 E1165414	OREVO	N3140.0 E11810.5
OF210	N320824 E1165942	IKUBA	N3051.3 E11554.1
OF211	N314119 E1171745	GUXUV	N3211.3 E11643.7
OF212	N313840 E1172700	SEGPI	N3232.0 E11716.0
OF213	N315538 E1170821	UXALO	N3141.1 E11700.5

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (kt)	VPA/ TCH	Navigation Specification
RWY15 Departure KAG-01D								
CF	OF102		154					RNAV1
TF	OF213				↑600	MAX210		RNAV1
TF	OF216				↓3000 or by ATC			RNAV1
TF	SEGPI				↑3600 or by ATC			RNAV1
TF	KAGVO				↑4500 or by ATC			RNAV1
RWY15 Departure KAG-03D								
CF	OF102		154					RNAV1
TF	OF214				↑600	MAX210		RNAV1
TF	HFC							RNAV1
TF	OF216				↓3000 or by ATC			RNAV1

TF	SEGPI				↑3600 or by ATC			RNAV1
TF	KAGVO				↑4500 or by ATC			RNAV1
RWY15 Departure MAD-01D								
CF	OF102		154					RNAV1
TF	OF108				↑900			RNAV1
TF	OF211				↑1800 or by ATC			RNAV1
TF	OF212				↑2400 or by ATC			RNAV1
TF	LEGIV							RNAV1
TF	MADUK							RNAV1
RWY15 Departure MAD-03D(by ATC)								
CF	OF102		154					RNAV1
TF	OF108				↑900			RNAV1
TF	HFE				Alt by ATC			RNAV1
TF	MADUK							RNAV1
RWY15 Departure ORE-01D								
CF	OF102		154					RNAV1
TF	OF108				↑900			RNAV1
TF	OF211				↑1800 or by ATC			RNAV1
TF	OF212				↑2400 or by ATC			RNAV1
TF	LEGIV							RNAV1
TF	OREVO							RNAV1

RWY15 Departure IKU-01D								
CF	OF102		154					RNAV1
TF	OF108				↑900			RNAV1
TF	KIKEG							RNAV1
TF	ADGOL							RNAV1
TF	IKUBA							RNAV1
RWY15 Departure MID-01D								
CF	OF102		154					RNAV1
TF	OF108				↑900			RNAV1
TF	UXALO							RNAV1
TF	MIDOX							RNAV1
RWY15 Departure BIP-01D								
CF	OF102		154					RNAV1
TF	OF214				↑600	MAX210		RNAV1
TF	HFC							RNAV1
TF	OF217				↓3000 or by ATC			RNAV1
TF	OF218				↑3000			RNAV1
TF	BIPIM							RNAV1
RWY15 Departure BIP-03D(by ATC)								
CF	OF102		154					RNAV1
TF	OF214				↑600			RNAV1
TF	OF215				↑900	MAX230		RNAV1
TF	OF218				↑3000			RNAV1
TF	BIPIM							RNAV1
RWY33 Departure KAG-02D								
CF	OF209		334					RNAV1

TF	NOKUL				↑600	MAX230		RNAV1
TF	AKAMI				↓3000 ↑1500 or by ATC			RNAV1
TF	SEGPI				↑3600 or by ATC			RNAV1
TF	KAGVO				↑4500 or by ATC			RNAV1
RWY33 Departure MAD-02D								
CF	OF209		334					RNAV1
TF	OF210				↑600	MAX210		RNAV1
TF	OF105							RNAV1
TF	HFE				↑2400 or by ATC			RNAV1
TF	LEGIV							RNAV1
TF	MADUK							RNAV1
RWY33 Departure MAD-04D								
CF	OF209		334					RNAV1
TF	OF208				↑600	MAX210		RNAV1
TF	OF109				↑2400 or by ATC			RNAV1
TF	OF111							RNAV1
TF	LEGIV							RNAV1
TF	MADUK							RNAV1
RWY33 Departure ORE-02D								
CF	OF209		334					RNAV1
TF	OF210				↑600	MAX210		RNAV1

TF	OF105							RNAV1
TF	HFE				↑2400 or by ATC			RNAV1
TF	LEGIV							RNAV1
TF	OREVO							RNAV1
RWY33 Departure IKU-02D								
CF	OF209		334					RNAV1
TF	OF208				↑600	MAX210		RNAV1
TF	OF109							RNAV1
TF	OF111							RNAV1
TF	OF112							RNAV1
TF	ADGOL							RNAV1
TF	IKUBA							RNAV1
RWY33 Departure IKU-04D								
CF	OF209		334					RNAV1
TF	OF210				↑600	MAX210		RNAV1
TF	OF105							RNAV1
TF	HFE				↑2400 or by ATC			RNAV1
TF	OF111							RNAV1
TF	OF112							RNAV1
TF	ADGOL							RNAV1
TF	IKUBA							RNAV1
RWY33 Departure IKU-06D(by ATC)								
CF	OF209		334					RNAV1
TF	OF208				↑600			RNAV1
TF	OF207				↑1200	MAX230		RNAV1

TF	OF110							RNAV1
TF	OF112							RNAV1
TF	ADGOL							RNAV1
TF	IKUBA							RNAV1
RWY33 Departure MID-02D								
CF	OF209		334					RNAV1
TF	OF208				↑600	MAX210		RNAV1
TF	OF109							RNAV1
TF	OF110							RNAV1
TF	MIDOX							RNAV1
RWY33 Departure BIP-02D								
CF	OF209		334					RNAV1
TF	NOKUL				↑600	MAX230		RNAV1
TF	GUXUV				↓3000 ↑1200 or by ATC			RNAV1
TF	BIPIM							RNAV1
RWY15 Arrival KAG-01A								
IF	KAGVO				↑4500 or by ATC			RNAV1
TF	SEGPI				↑3600 or by ATC			RNAV1
TF	OF216				1200	MAX210		RNAV1
RWY15 Arrival MAD-01A								
IF	MADUK				↑3600 or by ATC			RNAV1
TF	LEGIV							RNAV1

TF	HFE				Alt by ATC			RNAV1
TF	OF105							RNAV1
TF	OF205				900	MAX210		RNAV1
RWY15 Arrival ORE-01A								
IF	OREVO							RNAV1
TF	LEGIV							RNAV1
TF	HFE				Alt by ATC			RNAV1
TF	OF105							RNAV1
TF	OF205				900	MAX210		RNAV1
RWY15 Arrival IKU-01A								
IF	IKUBA							RNAV1
TF	ADGOL							RNAV1
TF	OF111							RNAV1
TF	OF109							RNAV1
TF	OF119				1200			RNAV1
TF	OF204				900	MAX210		RNAV1
RWY15 Arrival MID-01A								
IF	MIDOX							RNAV1
TF	OF109							RNAV1
TF	OF119				1200			RNAV1
TF	OF204				900	MAX210		RNAV1
RWY15 Arrival BIP-01A								
IF	BIPIM							RNAV1
TF	OF217				1200	MAX210		RNAV1
RWY15 Arrival Transition via OF216								

IF	OF216				1200	MAX210		RNAV1
TF	NOKUL				↑600			RNAV1
TF	OF203				600			RNAV1
RWY15 Arrival Transition via OF205								
IF	OF205				900	MAX210		RNAV1
TF	NOKUL				↑600			RNAV1
TF	OF203				600			RNAV1
RWY15 Arrival Transition via OF204								
IF	OF204				900	MAX210		RNAV1
TF	NOKUL				↑600			RNAV1
TF	OF203				600			RNAV1
RWY15 Arrival Transition via OF217								
IF	OF217				1200	MAX210		RNAV1
TF	GUXUV							RNAV1
TF	NOKUL				↑600			RNAV1
TF	OF203				600			RNAV1
RWY15 Holding (outbound time 1 min)								
HM	OF216	Y	227	R	↓3000 ↑1500	MAX230		RNAV1
HM	HFE	Y	310	R	Alt by ATC	MAX230		RNAV1
HM	OF119	Y	334	R	1500	MAX230		RNAV1
HM	OF217	Y	134	R	↓3000 ↑1500	MAX230		RNAV1
RWY33 Arrival KAG-02A								
IF	KAGVO				↑4500 or by ATC			RNAV1
TF	SEGPI				↑3600 or			RNAV1

					by ATC			
TF	OF216							RNAV1
TF	OF105				900	MAX210		RNAV1
RWY33 Arrival KAG-04A								
IF	KAGVO				↑4500 or by ATC			RNAV1
TF	SEGPI				↑3600 or by ATC			RNAV1
TF	OF216							RNAV1
TF	HFC							RNAV1
TF	OF119							RNAV1
TF	OF106				1200	MAX210		RNAV1
RWY33 Arrival KAG-06A(by ATC)								
IF	KAGVO				↑4500 or by ATC			RNAV1
TF	SEGPI				↑3600 or by ATC			RNAV1
TF	OF118							RNAV1
TF	OF105				900	MAX210		RNAV1
RWY33 Arrival MAD-02A								
IF	MADUK				↑3600 or by ATC			RNAV1
TF	LEGIV							RNAV1
TF	OF212				↑2400 or by ATC			RNAV1
TF	OF211				↑1800 or by ATC			RNAV1
TF	OF108				900	MAX210		RNAV1

RWY33 Arrival ORE-02A								
IF	OREVO							RNAV1
TF	LEGIV							RNAV1
TF	OF212				↑2400 or by ATC			RNAV1
TF	OF211				↑1800 or by ATC			RNAV1
TF	OF108				900	MAX210		RNAV1
RWY33 Arrival IKU-02A								
IF	IKUBA							RNAV1
TF	ADGOL							RNAV1
TF	OF111							RNAV1
TF	OF108				900	MAX210		RNAV1
RWY33 Arrival MID-02A								
IF	MIDOX							RNAV1
TF	OF108				900	MAX210		RNAV1
RWY33 Arrival BIP-02A								
IF	BIPIM							RNAV1
TF	OF217							RNAV1
TF	OF119							RNAV1
TF	OF106				1200	MAX210		RNAV1
RWY33 Arrival BIP-04A(by ATC)								
IF	BIPIM							RNAV1
TF	OF218							RNAV1
TF	OF120							RNAV1
TF	OF107							RNAV1
TF	OF106				1200	MAX210		RNAV1

RWY33 Arrival Transition via OF105								
IF	OF105				900	MAX210		RNAV1
TF	OF104							RNAV1
TF	OF103				700			RNAV1
RWY33 Arrival Transition via OF106								
IF	OF106				1200	MAX210		RNAV1
TF	OF104							RNAV1
TF	OF103				700			RNAV1
RWY33 Arrival Transition via OF108								
IF	OF108				900	MAX210		RNAV1
TF	OF104							RNAV1
TF	OF103				700			RNAV1
RWY33 Holding (outbound time 1 min)								
HM	OF216	Y	227	R	↓3000 ↑1500	MAX230		RNAV1
HM	OF108	Y	334	L	1200	MAX230		RNAV1
HM	OF217	Y	134	R	↓3000 ↑1500	MAX230		RNAV1
HM	OF119	Y	154	L	1500	MAX230		RNAV1

ZSOF 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，鸟的活动情况如下:

ZSOF 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.The details of bird activities as follows:

Type of bird	Time of activity	Flight height within AD	Activity rule

Chinese Pond Heron	Summer	50-300m	Alone or together
Little Egret	Summer	0-150m	Alone or together
Spot-billed Duck	Winter	0-500m	Alone or together
Ring-necked Pheasant	All seasons	0-20m	Alone or microcommunity
Grey-headed Lapwing	Summer	0-100m	Alone or microcommunity
Whiskered Tern	Summer	0-100m	Alone or microcommunity
Oriental Skylark	Summer	0-50m	Alone or microcommunity
Barn Swallow	Summer	2-30m	Alone or microcommunity
Black Drongo	Summer	0-30m	Alone or microcommunity
Crested Myna	All seasons	0-30m	Alone or microcommunity
Common Magpie	All seasons	0-50m	Alone or microcommunity
Fijne Dolle	All seasons	0-200m	Alone or microcommunity