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

ZSCN-南昌/昌北 NANCHANG/Changbei

ZSCN 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	N28° 51.8'E115° 54.0' On RCL, 1400m inward THR 03
2	方向、距离 Direction and distance from city	360° GEO, 21km from city center
3	标高/参考气温 Elevation/Reference temperature	43.7m / 34.8° C(JUL)
4	机场标高位置/高程异常 AD ELEV PSN/ geoid undulation	2200m inward THR03/ -
5	磁差/年变率 MAG VAR/Annual change	3° 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	Jiangxi Province Airport Group CO. Nanchang Changbei Airport, Nanchang, 330114 TEL:86-791-87652134, 86-791-87652239 FAX:86-791-87652273, 86-791-87652143 AFS: ZSCNYDYX Website: www.jxairport.com.cn
7	允许飞行种类 Types of traffic permitted(IFR/VFR)	IFR/VFR
8	机场性质/飞行区指标 Military or civil airport & Reference code	Civil/4E
9	备注 Remarks	Nil

ZSCN 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	2 hours before take-off, 0.5-1 hour after take-off
3	卫生健康部门 Health and sanitation	2 hours before take-off, 0.5-1 hour after take-off
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

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

1	货物装卸设施 Cargo-handling facilities	Luggage tractor, belt transmission truck, electric fork-lift truck, electric trailer, fork lift, platform truck
2	燃油 / 滑油牌号 Fuel/oil types	Nr.3 jet fuel/ BP2197, Mobile jet oil-II
3	加油设施 / 能力 Fuelling facilities/capacity	Tank vehicle(18500litres), hydrant dispenser.
4	除冰设施 De-icing facilities	De-icer, de-icing fluid(FCY-1, FCY-2)
5	过站航空器机库 Hangar space for visiting aircraft	Nil
6	过站航空器的维修设施 Repair facilities for visiting aircraft	Line maintenance TYPE I for B737-300/400/500/NG, A319/320/321, B757-200, CRJ200; spare parts and engine replacing service is not provided.
7	备注 Remarks	Ground power unit, ground air unit, ground air preconditioning unit, guided vehicle, passenger shuttle bus, potable water vehicle, sewage disposal vehicle, mobile aircraft landing stair, aircraft garbage truck, aircraft tractor, gallery bridge 400HZ, aircraft external air preconditioning

ZSCN 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, taxis
4	医疗设施 Medical facilities	First-aid center at AD
5	银行和邮局 Bank and Post Office	At AD
6	旅行社 Tourist Office	In the city
7	备注 Remarks	Nil

ZSCN 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: primary foam tender, dry-chemical tender, heavy-duty foam tender, command car, illumination truck, rapid intervention vehicle, logistics truck, disassembly rescue truck; Rescue equipment: rescue air cushion, descent control device, air respirator, cutter, stretching plier, Fire & Hot resistant clothes, combustible gas detector, medicine kit, jack, mobile surface operation devices, aircraft recovery towing couplings etc.

3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTWA up to B767 Traction rack (available for A319/320/321/310/300/330/340, B777/767/757/747/737, CRJ, MD80/90, EMB145/190)
4	备注 Remarks	Nil

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

1	扫雪设备类型 Types of clearing equipment	All seasons Snow blower, fluid spreading truck, snow ploughs, snow pusher
2	扫雪顺序 Clearance priorities	Runway, taxiway, apron
3	备注 Remarks	Nil

ZSCN 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 82/R/B/W/T(Stands Nr.210, 211, 501-511, Apron Nr.3); PCN 74/R/B/W/T(Stands Nr.201-209, 212-220); PCN 70/R/B/W/T(Apron Nr.1); PCN 55/R/B/W/T(maintenance apron);
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	23m: A, A5, B, G, G1, G2, G3, H, T5 ; 28.5m: A1, A4, A6, B1, B2 ; 30.5m: A9, T4 ; 34m: A3 ; 36m: A7 ; 38m: A2, A8 ; 56m: B3 ;
		Surface:	Cement concrete; asphalt(TWYs A2, A5)
		Strength:	PCN 83/F/B/W/T (A2, A5) PCN 82/R/B/W/T (A8, A9, B, B3, G, H, T5) PCN 74/R/B/W/T (G2, G3, T4) PCN 70/R/B/W/T (A, A1, A3, A7, B1, B2, G1) PCN 55/R/B/W/T (A4, 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	

ZSCN 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 / 停放位置引导系统的使用 Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Taxiing guidance signs at all intersections of TWY and RWY and at all taxi holding positions; Guide lines at all aprons and all TWYs; Ground stand markings at stands Nr.109-115, 501-516 and stand identification sign boards at stands Nr.101-108, 201-220.

2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	THR, RWY designation, TDZ, center line, edge line, aiming point
		RWY lights	Center line, edge line, THR, RWY end, wing bar
		TWY markings	Center line, edge line, RWY holding positions, NO ENTRY marking, intermediate holding position, shoulder marking, closing marking
		TWY lights	Center line, edge line, RWY guard light
3	停止排灯 Stop bars	Nil	
4	备注 Remarks	Nil	

ZSCN 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**
1	TWR	016	4107	84.9	RWY21/ GP INOP
2	Antenna	022	1725	57.4	RWY21/ ILS/DME approach
3	MT	023	4155	67.9	
4	MT	026	4139	69.2	RWY03/ take-off path
5	Pole	050	955	72.9	
6	Pole	063	637	73.6	
7	New TML	087	1041	85.1	
8	TWR	092	7392	197.5	
9	TWR	092	7149	190.8	
10	Chimney	094	7312	285	Minimum surveillance altitude sector
11	TWR	108	3343	94.7	
12	*Control TWR	142	976	121	
13	Pole	143	429	66.3	
14	*Radar	181	2053	73.6	
15	BLDG	182	1139	49.5	
16	Chimney	202	5973	86.1	RWY03/ GP INOP
17	Antenna	213	1084	53.5	RWY03/ ILS/DME approach
18	MT	235	10443	401	
19	MT	242	10017	457	Minimum surveillance altitude sector
20	MT	242	11980	486.4	
21	MT	256	4654	272	

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
22	MT	259	14859	551	Minimum surveillance altitude sector
23	MT	269	12395	400.3	
24	MT	315	2680	205.6	RWY03/ VOR/DME, NDB/ DME final approach
25	TWR	319	785	90.7	
26	MT	338	3297	207	RWY21/ VOR/DME, NDB/ DME final approach
27	MT	344	7475	221.1	
28	MT	345	5994	162	
Remarks:					

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
1	MT	007	71279	1474	Minimum surveillance altitude sector
2	MT	041	66667	463	Minimum surveillance altitude sector
3	BLDG	187	19468	235	
4	BLDG	195	18951	245.1	
5	BLDG	195	19020	261	
6	MT	195	116661	1169	Minimum surveillance altitude sector
7	BLDG	196	19187	224.6	
8	BLDG	196	19533	256.2	
9	BLDG	198	19790	324.4	
10	BLDG	198	19928	324.4	
11	MT	235	37000	571	
12	MT	236	16604	538	Minimum surveillance altitude sector
13	MT	237	33307	706	Minimum surveillance altitude sector
14	MT	243	26000	841	RWY03/ RNAV initial approach, Minimum surveillance altitude sector
15	MT	288	39000	637	
16	MT	297	50000	544	
17	MT	313	42000	925.5	

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
Remark: Other obstacles refer to AD OBST chart.					

ZSCN 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	相关气象室的名称 Associated MET Office	Jiangxi ATMB MET office of CAAC
2	气象服务时间、服务时间以外的责任气象室 Hours of service, MET Office outside hours	H24 --
3	负责编发 TAF 的办公室；有效期 Office responsible for TAF preparation,Periods of validity	Jiangxi ATMB MET Station 9HR, 24HR
4	着陆预报类型、发布间隔 Type of landing forecast, Interval of issuance	Trend 1HR
5	所提供的讲解 / 咨询服务 Briefing/consultation provided	T,F
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, data forecast product
8	提供信息的辅助设备 Supplementary equipment available for providing information	MET Service Terminal,FAX
9	接收气象信息的空中交通服务单位 ATS units provided with information	ACC, APP, TWR
10	观测类型与频率 / 自动观测设备 Type & frequency of observation/ Automatic observation equipment	Hourly plus special observation/Yes
11	气象报告类型及所包含的补充资料 Type of MET Report & supplementary information included	METAR, SPECI,TEND
12	观测系统及位置 Observation System & Site(s)	SFC wind sensors: RWY 03: 110m W of RCL, 316m inward THR 03; middle: 110m W of RCL, 1700m inward THR 03; RWY 21: 110m W of RCL, 294m inward THR 21. RVR EQPT: RWY 03: 100m W of RCL, 306m inward THR; RWY 21: 100m W of RCL, 314m inward THR; RWY center: 100m W of RCL, 1690m inward THR 03. Ceilometer: Near LMM of each RWY.
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	Climatography AVBL
15	其他信息 Additional information	TEL for Jiangxi ATMB MET Forecast: 86-791-87112335 TEL for Observation: 86-791-87112336

ZSCN 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/SWY surface	着陆入口坐标及高程异常 THR coordinates and geoid undulation	跑道着陆入口标高，精密进近跑道接地地带最高标高 THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
03	023° GEO 026° MAG	3400 × 45	70/R/B/W/T Cement Concrete	Nil	THR 37.1m --
21	203° GEO 206° MAG	3400 × 45	70/R/B/W/T Cement Concrete	Nil	THR 40.1m --
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)	无障碍物地带 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	250m × 150m
See AOC	Nil	Nil	3520 × 300	Nil	220m × 150m
Remarks:					

ZSCN AD 2.13 公布距离 Declared distances

跑道代号 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
03	3400	3400	3400	3400	Nil
03	3200	3200	3200	3400	FM A2
21	3400	3400	3400	3400	Nil
Remarks:					

ZSCN 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

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
03	CAT I* 900m LIH	Green Yes	PAPI Left/3°	Nil	3400m** spacing 30m	3400m*** spacing 60m	Red	Nil
21	CAT I* 720m LIH	Green Yes	PAPI Left/3°	Nil	3400m** spacing 30m	3400m*** spacing 60m	Red	Nil

Remarks: * SFL （RWY03 SFL: 300m-900m）
** up to 2500m White VRB LIH, 2500-3100m Red/White VRB LIH, 3100-3400m Red VRB LIH
*** up to 2800m White VRB LIH, 2800-3400m Yellow VRB LIH

ZSCN AD 2.15 其它灯光 , 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	着陆方向指示器位置和灯光 ; 风速表位置和灯光 LDI location and LGT, Anemometer location and LGT	Nil
3	滑行道边灯和中心线灯光 TWY edge and center line lighting	All TWYs
4	备份电源 / 转换时间 Secondary power supply/switch-over time	Secondary power supply available / ⩽ 15 sec
5	备注 Remarks	Nil

ZSCN AD 2.16 直升机着陆区域 Helicopter landing area

1	TLOF 坐标或 FATO 入口坐标及高程异常 Coordinates TLOF or THR of FATO Geoid undulation	Nil
2	TLOF 和 / 或 FATO 标高 (m) TLOF and/or FATO elevation (m)	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

ZSCN AD 2.17 空中交通服务空域 ATS airspace

名称 Designation	横向界限 Lateral limits	垂直界限 Vertical limits	备注 Remarks
Nanchang Tower Control Area	A circuit, 2 arcs with radius 15km centered at ARP and 2 parallel lines of 10km from RWY centerline.	GND-600(QNH)	
Altimeter setting region and TL/TA	A circle with a radius of 55km centered on Changbei VOR/DME.	TL 3600m TA 3000m 3300m(QNH ⩾ 1031hPa) 2700m(QNH ⩽ 979hPa)	

ZSCN 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		128.4	H24	Nil
APP	Nanchang Approach	119.95 (123.85) AP01	H24	Nil
APP	Nanchang Approach	119.075 (123.85) AP02	BY ATC	Nil
TWR	Nanchang Tower	118.65(130.0)	H24	Nil
GND	Nanchang Ground	121.7(130.0)	0100-1500	Contact TWR when out of service.

ZSCN 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

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
Changbei VOR/DME	NCH	115.1MHz CH 98X	N28° 53.1′ E115° 54.7′ 026° MAG/ 900m FM THR21	43m	
Xiangtang VOR/DME	KHN	112.7MHz CH 74X	N28° 25.8′ E115° 55.4′	9m	
Lijia NDB	RP	210kHz	N28° 37.1′ E115° 42.5′		218° MAG/32907m FM ARP 8-11NM on bearing 206° for arrival and departure U/S; 15-18NM on bearing 206° for arrival and departure U/S; 14-15NM on bearing 218° for arrival U/S; 8-12NM on bearing 255° for arrival and departure U/S; 7-13NM on bearing 255° for initial approach U/S.
NDB	E	192kHz	206° MAG/ 1175m FM THR 03		Beyond 8NM on bearing 048° for initial approach U/S.
MM 03		75MHz	206° MAG/ 1185m FM THR 03		
LOC 03 ILS CAT Ⅰ	IEE	111.7MHz	026° MAG/ 310m FM end RWY 03		Beyond 019° leftside of front course U/S.
GP 03		333.5MHz	324m inward THR RWY 03 120m W of RCL		Angle 3° RDH 15m
DME 03	IEE	CH 54X (111.7MHz)		39m	Co-located with GP03
LOC 21 ILS CAT Ⅰ	INC	110.5MHz	206° MAG/ 280m FM end RWY 21		
GP 21			281m inward THR RWY 21 120m W of RCL		Angle 3° RDH 15m
DME 21	INC	CH 42X (110.5MHz)		45m	Co-located with GP21
Remarks:					

ZSCN AD 2.20 本场飞行规定

ZSCN AD 2.20 Local traffic regulations

1. 机场使用规定

1. Airport operations regulations

1.1 未安装二次雷达应答机的航空器需事先申请，并得到空中交通管制部门批准后方可在本场起降;

1.2 所有训练飞行和技术试飞需事先申请，并得到空中交通管制部门批准后方可进行。

1.1 Takeoff/landing of aircraft without SSR transponder shall be filed in advance and conducted only after clearance has been obtained from ATC;

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

2. 跑道和滑行道的使用

2. Use of runways and taxiways

2.1 滑行道使用限制 /TWYs limits:

滑行道 /TWYs	航空器翼展限制 /Wing span limits for aircraft
A4, A5, A6, T4, T5, G1(BTN B1& B2), G2(BTN stand Nr.211 & 218), G3(BTN G & stand Nr.218), B(BTN A7 & A8), A7(BTN B & T5), A8(BTN A & T5).	<52m
H(BTN G1 & G3)	<36m
G1(BTN Stands Nr.101 & 102)	<36m(when A330 parking on stand Nr.101)

2.2航空器从A1误入03号跑道后，需由A3滑行道脱离跑道，禁止从A2滑行道脱离。 A2滑行道可作为21号跑道的脱离道使用。

2.2 Aircraft entering RWY 03 from TWY A1 by mistake shall vacate the RWY from TWY A3 rather than TWY A2. Aircraft landing on RWY 21 can vacate from TWY A2.

2.3有航空器在A2等待进入跑道起飞时。禁止其它航空器穿越A2进入A1，需在A平滑A2北侧等待位置等待。

2.3 Aircraft is forbidden to bypass TWY A2 to TWYA1 and should hold at TWY A holding position when TWY A2 is occupied for take off.

2.4 跑道运行规则

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

2.4.2 落地航空器应尽快退出跑道，从接地到滑出跑道时间03号跑道应控制在60s以内，21号跑道应控制在 70s 以内，如机组认为无法在上述要求的时间内完成，须在首次联系塔台时向管制员说明 （湿跑道或污染跑道除外）。

2.4.3 在转换跑道运行方向过程中，短时使用跑道顺风分量大于3m/s，但不大于5m/s时，管制员应将该信息通知相关航空器驾驶员。航空器驾驶员根据机型性能或运行手册，决定是否使用管制员安排的顺风跑道起飞或着陆，并将决定告知管制员。

2.4 General rules for using runways

2.4.1 Departure aircraft shall alignment RWY within 60s after receiving the information about entering the RWY from ATC. If flight crew considers that they cannot fullfill the process within the required time, pilot shall inform TWR ATC before entering the RWY(except for wet or contaminated RWY);

2.4.2 Landing aircraft shall vacate RWY03 within 60s after touchdown, and vacate RWY21 within 70s after touchdown. If flight crew can not fulfill the process within the required time, pilot shall inform TWR ATC at the first time (except for wet or contaminated RWY).

2.4.3 During changing the direction of RWY in use, if downwind speed is more than 3m/s and not exceeding 5m/s, ATC shall instruct this information to relative pilot. Pilot shall inform controller if decide not to take-off or landing on downwind RWY allocated according to aircraft performance or operation handbook.

3. 机坪和机位的使用

3. Use of aprons and parking stands

3.1 航空器停机位由运行监控指挥中心（131.9MHz）分配;

3.1 Parking stand is assigned by Operation Control Center (131.9MHz);

3.2 通过塔台或运行监控指挥中心（131.9MHz）可以申请使用引导车和拖车;

3.2 Follow-me vehicle and tow tractor service are available via Tower Control or Operation Control Center (131.9MHz);

3.3 离场飞行的航空器，在推出开车前必须联系塔台申请放行许可;

3.3 Departing aircraft shall contact Tower Control for departure clearance prior to push-out for engine start-up;

3.4 未经空中交通管制部门同意，严禁航空器利用自身动力倒滑;

3.4 Push-back of aircraft on its own power is strictly forbidden without ATC clearance;

3.5 严禁在廊桥附近试车。

3.5 Engine run-ups in the vicinity of boarding bridges are strictly forbidden.

3.6 101机位停放A330时的使用限制:
3.6.1 101机位不能与101A机位同时使用;
3.6.2 102、 114和115机位均不能使用, 航空器采用B1至101A机位的滑行路线;
3.6.3 翼展 52m（不含）以下的航空器须经 B2、G1进出103机位。

3.6 Limits for A330 parking on stand Nr.101:
3.6.1 Stand Nr.101 can not be used simultaneously with stand Nr.101A;
3.6.2 Stands Nr.102, 114, 115 are forbidden to use; aircraft taxing in/out stand Nr.101A shall via B1;
3.6.3 Aircraft with wing span less than 52m entering or exiting stand Nr.103 shall taxi via TWY B2-G1.

3.7 机位限制 / Limits for aircraft parking on the following stands:

停机位 /Stands	航空器翼展限制 / Wing span limits for aircraft
Nr.109,101A, 210, 211, 601, 602	<65m
Nr.101-103, 114-115, 202, 205, 212, 213, 215, 216, 503, 504, 508, 514-516	<52m
Nr.104-108, 110-113, 201, 203, 204, 206-209, 214, 217-220, 501, 502, 505-507, 509-513	<36m

4. 进、离场管制规定

无

4. Air traffic control regulations

Nil

5. 机场的 II/III 类运行

无

5. CAT II/III operations at AD

Nil

6. 除冰规则

无

6. Rules for deicing

Nil

7. 平行跑道同时仪表运行

无

7. Simultaneous operations on parallel runways

Nil

8. 警告

无

8. Warning

Nil

9. 直升机飞行限制，直升机停靠区

无

9. Helicopter operation restrictions and helicopter parking/docking area

Nil

ZSCN AD 2.21 噪音限制规定及减噪程序

ZSCN AD 2.21 Noise restrictions and Noise abatement procedures

无

Nil

ZSCN AD 2.22 飞行程序

ZSCN AD 2.22 Flight procedures

1. 总则

除经南昌塔台特殊许可外，在塔台管制区域的飞行，均须按照仪表飞行规则进行。

1. General

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

2. 起落航线

起落航线通常在跑道西侧进行，A、B类航空器高度450米；C、D类航空器高度650米。经ATC许可，可在跑道东侧进行，A、B类航空器高度350米，C、D类航空器高度550米。

2. Traffic circuits

Traffic circuits shall be normally made to the west of RWY, at the altitudes of 450m for CAT A/B and 650m for CAT C/D. Under ATC clearance, traffic circuits could be made to the east of RWY, at the altitudes of 350m for CAT A/B and 550m for CAT C/D.

3. 仪表飞行程序

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

3. IFR flight procedures

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

4. 雷达程序和 / 或 ADS-B 程序

4.1 进近管制区域内实施雷达管制，航空器最小水平间隔为6千米。

4.2 最低监视引导高度扇区

4. Radar procedures and/or ADS-B procedures

4.1 Radar control within Nanchang APP has been implemented,the minimum horizontal radar separation is 6km.

4.2 Surveillance Minimum Altitude Sectors

Sector 1	ALT limit:600m or above
N290605E1154940-N290622E1161414- N285248E1161324-N285428E1155307- N290605E1154940	
Sector 2	ALT limit:800m or above
N285428E1155307-N285248E1161324-N283145E1161207-N282403E1154227- N283912E1154346-N284355E1155100-N285046E1155315-N285049E1155155-N285428E1155307	
Sector 3	ALT limit:900m or above
N291637E1154632-P34-P251-N283145E1161207-N285248E1161324-N290622E1161414-N290605E1154940-N291637E1154632	
Sector 4	ALT limit:1200m or above
N283943E1153148-N283912E1154346-N282403E1154227-N282141E1152440-N283943E1153148	
Sector 5	ALT limit:1500m or above
N285020E1153601-N284950E1154943-N284355E1154737-N284355E1155100-N283912E1154346-N283943E1153148-N285020E1153601	
Sector 6	ALT limit:900m or above
N285053E1155005-N285049E1155155-N285046E1155315-N284355E1155100-N284355E1154737-N284950E1154943-N285053E1155005	
Sector 7	ALT limit:1200m or above
N291637E1154632-N290605E1154940-N285428E1155307-N285049E1155155-N285053E1155005-N284950E1154943-N285020E1153601- N291637E1154632	
Sector 8	ALT limit:1800m or above
ANISA-N282141E1152440-N282403E1154227-N283145E1161207-P251-OSONO-ANISA	
Sector 9	ALT limit:2100m or above
LAPEN-P34-N291637E1154632-N285020E1153601-N283943E1153148-N282141E1152440-ANISA-LAPEN	

5. 无线电通信失效程序

5.1 进港航空器

5. Radio communication failure procedures

5.1 Arrival

5.1.1航空器在确定机载通信设备失效后，按照管制员给定的最后一个指令高度沿计划航路飞行至进近区域边界。进入进近区域后直飞昌北VOR导航台，过台后按照昌北VOR导航台西侧的标准等待程序盘旋下降至修正海平面气压高度 1800米，首次过台后10分钟退出盘旋。机组根据通播或风向风速自行选择使用03或21号跑道，并按照标准进近程序自主领航着陆;

5.1.1 When an airborne communication equipment failure is confirmed, keep the last altitude assigned by ATC on the planned route to the boundary of APP area. After entering into APP area, fly directly to Changbei VOR, then join the holding procedure west of Changbei VOR, circle down to1800m(QNH), STOP circling 10 minutes after overflying first time and choose to land on RWY 03 or RWY 21 according to the ATIS information about wind speed and wind direction, strictly follow the relative RWY IAP;

5.1.2 航空器在确定机载通信设备失效后，已飞越起始进近定位点的航空器，按标准进近程序自主领航着陆。

5.1.2 When an airborne communication equipment failure is confirmed, aircraft having passed through IAF happen to comuunication failure shall follow the relative RWY IAP to land.

5.2 离港航空器

5.2 Departure

5.2.1 航空器在确定机载通信设备失效后，按照管制员给定的最后一个指令沿计划航路飞行至进近区域边界，上升至标准气压高度5700米保持至进近边界;

5.2.1 When an airborne communication equipment failure is confirmed, keep the last command by ATC on the planned route to the boundary of APP area and rise to 5700m(QNE), then maintain it to the approach boundary;

5.2.2航空器在确定机载通信设备失效后，机组决定返航，则按照进港航空器的无线电通信失效程序操作。

5.2.2 When an airborne communication equipment failure is confirmed, flight crew decide to return, then operate aircraft following the Arrival Radio Communication Failure Procedure.

6. 目视飞行程序

等待：在机场上空，跑道西侧按起落航线进行等待。

6. Procedures for VFR flights

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

7. 目视飞行航线

无

7. VFR route

Nil

8. 目视参考点

无

8. Visual reference point

Nil

9. 其它规定

9.1 对机组的要求：

9. Other regulations

9.1 Requirements for pilots:

9.1.1 A330-200 型航空器后舱门与廊桥对接期间，禁止开启机翼照明灯；如需开启机翼照明灯，须向机场运行监控指挥中心（TAMCC,电话: 87652239）提出申请，待廊桥撤离后，方可开启灯光;

9.1.1. Wing Lights of aircraft A330-200 are forbidden to turn on while rear door connecting with air bridge; contact Terminal Airfield Management Control Center (TAMCC, tel: 87652239) for the clearance of turning on the Wing Lights and conduct after the air bridge retracted;

9.1.2 地面操作人员未完全撤离地面滑行灯前方期间，机组禁止开启地面滑行灯。

9.1.2. Taxi Lights are forbidden to turn on unless the ground personnel have evacuated from the front of the Taxi Lights.

10. 区域导航飞行程序相关数据

10. Data for RNAV flight procedures

Waypoint Coordinates

ID	COORDINATES(WGS-84)	ID	COORDINATES(WGS-84)
CN102	N284456E1155047	CN208	N280737E1153434
CN103	N284038E1154843	CN209	N290428E1155411
CN104	N284411E1153915	ANISA	N2818.0E11459.6
CN105	N285436E1154425	EMRAL	N2906.0E11550.0
CN107	N283831E1155422	LAPEN	N2935.8E11538.2
CN108	N284226E1154348	OSONO	N2745.9E11539.3
CN109	N282452E1154750	PEXEK	N2920.0E11545.1
CN203	N290232E1155920	REMAX	N2822.6E11531.2
CN204	N290024E1160500	NCH	N2853.1E11554.7
CN205	N284855E1155925	RP	N2837.1E11542.5
CN207	N285342E1154722		

RWY03 SID Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
ANI-61X								
CA			026		600			RNP1
DF	CN102			L		MAX370		RNP1
TF	RP				2100			RNP1
TF	REMAX				4200			RNP1
TF	ANISA							RNP1
ANI-63X(BY ATC)								
CA			026		600			RNP1
CF	CN205		206	R		MAX370		RNP1
TF	CN107				2100			RNP1
TF	RP				2100			RNP1

TF	REMAX				4200			RNP1
TF	ANISA							RNP1
LAP-61X								
CA			026		600			RNP1
DF	EMRAL			L				RNP1
TF	PEXEK				3000			RNP1
TF	LAPEN							RNP1
OSO-61X								
CA			026		600			RNP1
DF	CN102			L		MAX370		RNP1
TF	RP				2100			RNP1
TF	REMAX				4200			RNP1
TF	OSONO				4200			RNP1
OSO-63X(BY ATC)								
CA			026		600			RNP1
CF	CN205		206	R		MAX370		RNP1
TF	CN107				2100			RNP1
TF	RP				2100			RNP1
TF	REMAX				4200			RNP1
TF	OSONO				4200			RNP1

RWY21 SID Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
ANI-62X								
CA			206		750			RNP1
DF	RP			R	↑ 1200			RNP1
TF	REMAX				4200			RNP1
TF	ANISA							RNP1
LAP-62X								
CA			206		750			RNP1
CF	CN207		014	R	↑ 1200	MAX370		RNP1
TF	EMRAL							RNP1
TF	PEXEK				3000			RNP1
TF	LAPEN							RNP1
LAP-64X(BY ATC)								
CA			206		750			RNP1
CF	NCH		351	L	1800	MAX370		RNP1

TF	EMRAL							RNP1
TF	PEXEK				3000			RNP1
TF	LAPEN							RNP1
LAP-66X								
CA			206		750			RNP1
CF	NCH		061	R	1800	MAX370		RNP1
TF	EMRAL							RNP1
TF	PEXEK				3000			RNP1
TF	LAPEN							RNP1
OSO-62X								
CA			206		750			RNP1
DF	RP			R	↑ 1200			RNP1
TF	REMAX				4200			RNP1
TF	OSONO				4200			RNP1

RWY03 STAR Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
ANI-51F								
IF	ANISA							RNP1
TF	REMAX				3900 or by ATC			RNP1
TF	RP				1200	MAX380		RNP1
LAP-51F								
IF	LAPEN							RNP1
TF	PEXEK							RNP1
TF	EMRAL				2700			RNP1
TF	CN105				2100			RNP1
TF	CN104				1500	MAX380		RNP1
OSO-51F								
IF	OSONO				3900			RNP1
TF	CN208							RNP1
TF	REMAX				3900 or by ATC			RNP1
TF	RP				1200	MAX380		RNP1
OSO-53F(BY ATC)								
IF	OSONO				3900			RNP1
TF	CN208							RNP1

TF	CN109				1800	MAX380		RNP1

RWY21 STAR Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
ANI-52F								
IF	ANISA							RNP1
TF	REMAX				3900			RNP1
TF	RP							RNP1
TF	CN104				2400			RNP1
TF	CN105				1800	MAX380		RNP1
ANI-56F(BY ATC)								
IF	ANISA							RNP1
TF	REMAX				3900			RNP1
TF	RP							RNP1
TF	CN205				1800	MAX380		RNP1
LAP-52F								
IF	LAPEN							RNP1
TF	PEXEK				2700			RNP1
TF	EMRAL				1200	MAX380		RNP1
OSO-52F								
IF	OSONO				3900			RNP1
TF	CN208							RNP1
TF	REMAX				3900			RNP1
TF	RP							RNP1
TF	CN104				2400			RNP1
TF	CN105				1800	MAX380		RNP1
OSO-54F(BY ATC)								
IF	OSONO				3900			RNP1
TF	CN208							RNP1
TF	CN109							RNP1
TF	CN205				1800	MAX380		RNP1
OSO-56F(BY ATC)								
IF	OSONO				3900			RNP1
TF	CN208							RNP1
TF	REMAX				3900			RNP1
TF	RP							RNP1
TF	CN205				1800	MAX380		RNP1

RWY03 Transition Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
ANI-51F , OSO-51F								
TF	RP				1200	MAX380		RNP1
TF	CN103				↑ 800			RNP1
LAP-51F								
TF	CN104				1500	MAX380		RNP1
TF	CN108				↑ 1200			RNP1
TF	CN103				↑ 800			RNP1
OSO-53F(BY ATC)								
TF	CN109				1800	MAX380		RNP1
TF	CN107				1200			RNP1
TF	CN103				↑ 800			RNP1

RWY21 Transition Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
ANI-52F, OSO-52F								
TF	CN105				1800	MAX380		RNP1
TF	CN209				900			RNP1
TF	CN203				↑ 600			RNP1
ANI-56F(BY ATC) , OSO-54F(BY ATC), OSO-56F(BY ATC)								
TF	CN205				1800	MAX380		RNP1
TF	CN204				900			RNP1
TF	CN203				↑ 600			RNP1
LAP-52F								
TF	EMRAL				1200	MAX380		RNP1
TF	CN209				900			RNP1
TF	CN203				↑ 600			RNP1

RWY03 Holding Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
HM	RP	Y	061	L	1500	MAX400		RNP1
HM	CN104	Y	037	L	by ATC	MAX400		RNP1
HM	CN105	Y	206	L	2400	MAX400		RNP1
HM	CN109	Y	037	L	by ATC	MAX400		RNP1

RWY21 Holding Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
HM	CN105	Y	026	R	2100	MAX400		RNP1
HM	CN205	Y	026	R	by ATC	MAX400		RNP1
HM	EMRAL	Y	166	L	by ATC	MAX400		RNP1

ZSCN 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:

ZSCN 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:

Period of a year	Flight height within AD(m)	Length of bird (mm)	Characteristic
Feb.-Nov.	0-15	350	Group/ uttermost danger
	0-20	500-600	Group/ very danger
	0-30	150	Group/ danger
	0-30	470	Group/ danger
	10-30	200	Group/ danger
Feb.-May.	0-50	280	Single/ danger
Feb.-May; Aug.-Feb(next year)	0-30	300-340	Single / very danger
	0-30	190	Group/ danger
	15-30	350	Single / very danger
May.-Nov.	0-30	300	Single/ danger
	20-30	600	Group/ very danger
Aug.-Nov.	0-8	250-300	Group/ danger
Nov.-Feb(next year)	0-30	520	Single/ very danger
All Seasons	0-3	850	Single/ danger
	0-15	300	Group/ danger