

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

ZSNJ-南京/禄口 NANJING/Lukou

ZSNJ 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° 44.6' E118° 51.8' Center of RWY06/24
2	方向、距离 Direction and distance from city	171° GEO, 35.8km from city center
3	标高 / 参考气温 Elevation/Reference temperature	15m/ 33.0° C (JUL)
4	机场标高位置 / 高程异常 AD ELEV PSN/ geoid undulation	RWY06/24 center/ -
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	Nanjing Lukou International Airport CO. LTD. TEL: 86-25-69820256, FAX: 86-25-69820258 AFTN: ZSNJYDYX, E-mail: JSFW@njairport.cn, Website: www.njairport.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/(RWY06/24:4E,RWY07/25:4F)
9	备注 Remarks	Nil

ZSNJ 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

ZSNJ 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 towing vehicle, cargo handling vehicle, cargo platform lorry, lift platform fork, forklift, container platform lorry
2	燃油 / 滑油牌号 Fuel/oil types	Nr.3 jet fuel(JetA-1)
3	加油设施 / 能力 Fuelling facilities/capacity	Tank refueling truck, hydrant cart, refueling well and oil pump: 167 litres/sec
4	除冰设施 De-icing facilities	De-icer, Deicing fluid
5	过站航空器机库 Hangar space for visiting aircraft	Nil
6	过站航空器的维修设施 Repair facilities for visiting aircraft	Line maintenance available for various types(Boeing and Airbus) of aircraft on request. No aircraft parts suppliment, and no equipment for changing engine.
7	备注 Remarks	Ground power unit, ground air supply unit, ground air preconditioning unit

ZSNJ AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	Near by 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 equipment at AD, hospital near by AD
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

ZSNJ AD 2.6 援救与消防服务 Rescue and fire fighting services

1	机场消防等级 AD category for fire fighting	CAT 9
2	援救设备 Rescue equipment	Fire fighting facilities: primary foam tender,heavy-duty foam tender,heavy-duty water tank truck, rapid intervention vehicle,command car,illumination truck, logistics truck,medium-load foam tender,Light-duty fire tender. Rescue equipment: heavy-duty towing truck, emergency tow palting rack, mobile surface operation devices, heavy-duty lifting equipment, removal equipment and uplift air cushion, etc
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTOW up to A380
4	备注 Remarks	Nil

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

ZSNJ 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 102/R/B/W/T (Stands Nr.206-216, 274-277) PCN 92/R/B/W/T (Stands Nr.51, 52, 54, 55, 58, 59, 62, 63, 67A, 66-69, 621-628, 631-635, 641-654) PCN 88/R/B/W/T (Stands Nr. 98, 99) PCN 82/R/B/W/T (Stands Nr.1-10, 13-15, 13A, 16-18, 32-34, 53, 70-73, 74A, 201-205, 217-231, 260-273, 278, 279) PCN 74/R/B/W/T (Stands Nr.56, 57, 60, 61, 64, 65) PCN 64/R/B/W/T (Stands Nr.601-614) PCN 30/R/B/X/T (Stands Nr.91-93)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	23m: main A, A4, A7, A8, A10, R, K(south of main A), L, Z1-Z7, C, P, Q; 25m: N, C3, D, D1-D6; 28.5m: A1-A3, A5, A6, A9, K(north of main A); 31.5m: C1, C2, C11-C14; 33m: Q5; 34m: B, Q1-Q4; 38m: C4; 60m: C5-C10, Q6
		Surface:	Cement concrete
		Strength:	PCN 102/R/B/W/T (C, C1-C14, D, N, P, Q(south of Q6), B(BTN N&Q), Q2(BTN N&Q), Q3(BTN N&Q), Q4(BTN N&Q), Q5(BTN N&Q), Q6); PCN 92/R/B/W/T (A8, K(south of main A), L, Z1, Z2, Z5-Z7); PCN 82/R/B/W/T (A, A1, A7, A9, K(north of main A), R, Q(north of Q6), Q1, B(BTN Q&R), Q2(BTN Q&R), Q3(BTN Q&R), Q4(BTN Q&R), Q5(BTN Q&R), D1-D6); PCN 64/R/B/W/T (Z3, Z4); PCN 55/R/B/W/T (A2-A6, A10)
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	

ZSNJ 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 guide signs at all intersections of TWY(except for C3) and RWY and at all holding positions. Guide lines at apron. Aircraft stand identification sign board at apron. Refer AD1.1 for Visual Docking Guidance System(for stands Nr.206-216). Marshalling assistance for other aircraft stands.	
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	RWY06/24: center line, edge line, THR,RWY end,THR wing bar; RWY07/25: center line, edge line, THR,RWY end, THR wing bar
		TWY markings	Center line, edge line, RWY holding positions, intermediate holding positions, compulsive instruction marking, information marking, TWY shoulder
		TWY lights	RWY06/24: edge line, center line, guard light, intermediate holding positions(for part of area) RWY07/25: edge line, center line, guard light, intermediate holding positions
3	停止排灯 Stop bars	RWY06/24:No-entry bar lights at the intersection of TWY A2-A6 and TWY A,TWY K before the entrance of RWY06; RWY07/25:No-entry bar lights at the intersection of TWY C3-C4, TWY C11-C12, rapid exit TWY D1-D6 and TWY D, TWY C1 before the entrance of RWY07	
4	备注 Remarks	Nil	

ZSNJ 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	*Antenna	057	1503	27.2	
2	MT	083	10475	89	
3	Pole	091	5477	55.3	
4	Pole	091	5559	53.9	
5	Pole	091	6683	68.8	
6	TWR	092	6936	81.8	RWY07/ take off flight path; RWY07/ RNP departure

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
7	TWR	098	5957	70.7	RWY07/ take-off flight path
8	Pole	100	5239	54.9	RWY07/ take-off flight path
9	Pole	102	5978	61.8	
10	TWR	103	6452	76.5	
11	TWR	127	5908	48.5	
12	TWR	127	6913	77.2	
13	*Antenna	139	2177	28	
14	*Antenna	140	605	87.7	RWY06/24 ILS/DME final approach
15	Tree	151	13525	182.4	
16	Pole	153	6137	60.1	
17	Pole	154	6324	68.2	
18	*New Control TWR	158	1116	102.5	RWY06/07/24/25/ Final approach, missed approach; RWY25/ VOR/DME, GP INOP final approach; RWY24/ Missed approach
19	Pole	165	4419	51	
20	MT	170	6849	196.3	Circling for CAT A/B; RWY07/ ILS/DME missed approach
21	MT	180	10280	295	
22	MT	183	9974	244.5	
23	MT	186	10418	270.3	Circling for CAT C
24	Pole	192	4383	54.6	
25	Pole	197	5419	50.7	
26	MT	197	11237	305.9	
27	MT	199	9087	144.5	
28	MT	199	12186	364.3	Circling for CAT D
29	*Antenna	202	3270	28.8	
30	MT	202	11127	214.9	
31	MT	208	8505	155.7	RWY25/ Departure
32	MT	210	8981	161	RWY25/ Departure
33	MT	211	14738	318.7	
34	MT	212	14189	339.1	
35	MT	218	12638	217.7	RWY25/ take-off flight path
36	MT	222	9882	123.8	RWY25/ take-off flight path
37	MT	222	14444	165	

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
38	TWR	223	5771	46.3	
39	TWR	225	7924	65.8	RWY06/ VOR/DME final approach; RWY07/ GP INOP final approach; RWY25/ take-off flight path
40	Sphere	227	4976	45.4	
41	Pole	227	5209	45.4	
42	MT	227	11717	103.4	
43	BLDG	227	14690	188.2	
44	Pole	230	6751	49	
45	Pole	233	6583	53.6	
46	Pole	241	6922	73.9	RWY06/ GP INOP final approach
47	*Antenna	247	1497	28.3	
48	Pole	248	6190	67.9	RWY24/ take-off flight path
49	MT	260	14475	181.6	
50	MT	264	13960	273	
51	MT	273	13569	319.4	RWY24/ Departure; RWY24/ ILS/DME missed approach
52	Pole	276	4657	56	
53	MT	276	12902	235.2	
54	Reservoir	290	14525	195.5	
55	BLDG	328	5275	77.2	
56	BLDG	329	5198	78.8	
57	Pole	334	4575	59.3	
58	MT	334	10000	100.9	
59	Pole	341	4153	60.2	
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	Lightning rod	001	36685	460	
2	MT	014	26487	222	

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
3	MT	016	29970	276	
4	Antenna	016	47390	347	
5	MT	017	24989	202	
6	MT	019	26082	260	
7	MT	021	28421	283	
8	MT	021	30567	286	
9	*Chimney	021	49887	245	
10	BLDG	024	31817	276	
11	MT	026	39662	343	
12	MT	029	37867	293	
13	BLDG	029	47911	397	
14	Antenna	033	48895	472	
15	MT	036	43981	434	
16	MT	058	22258	229	
17	*TWR	058	41945	256	
18	MT	075	16900	95	RWY24/25/ ILS/DME intermediate approach; RWY24/ VOR/DME intermediate approach
19	TWR	088	42799	384	
20	TWR	098	43134	361	
21	MT	105	42646	411	
22	MT	110	40171	353	
23	MT	118	26582	290	
24	MT	130	39123	289	
25	MT	137	27534	281	
26	MT	138	21578	210	
27	MT	139	25154	243	
28	Trees	140	38643	296	
29	*TWR	167	45651	241	
30	MT	208	15297	459	RWY24/25/ Departure; RWY25/ ILS/DME final approach, GP INOP

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
31	MT	208	15540	459	
32	MT	217	15275	258	
33	MT	232	41604	372	
34	MT	242	29889	252	
35	Iron mine	252	26681	211	
36	MT	256	19471	229	
37	*Bridge	256	46698	191	
38	MT	258	17039	286	RWY06/07/ ILS/DME intermediate approach; RWY06/ VOR/DME intermediate approach
39	*Chimney	273	35316	199	
40	MT	274	27931	218	
41	MT	284	15169	244	
42	*TWR	320	33776	266	
43	*TWR	321	31792	266	
44	MT	323	47215	443	
45	MT	327	46769	329	
46	MT	327	17309	237	
47	MT	330	20349	255	
48	Trees	332	15506	176	
49	Antenna	332	47862	427	
50	*BLDG	336	31583	321	
51	*BLDG	339	31448	239	
52	*BLDG	341	32156	211	
53	*TWR	347	37749	346	
54	*Antenna	351	34299	264	
55	*BLDG	351	34688	336	
56	*BLDG	351	36404	469	
57	*BLDG	352	33982	259	
58	MT	355	43231	200	
59	TWR	357	44826	281	

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: 1. Other obstacles refer to AD OBST Chart.					

ZSNJ 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	Jiangsu ATMB MET Office
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	Jiangsu ATMB MET Office 9 HR, 24 HR
4	着陆预报类型、发布间隔 Type of landing forecast, Interval of issuance	Trend 1 HR
5	所提供的讲解 / 咨询服务 Briefing/consultation provided	P、 T、 Phone consultation
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
8	提供信息的辅助设备 Supplementary equipment available for providing information	FAX, MET Service Terminal

9	接收气象信息的空中交通服务单位 ATS units provided with information	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)	<p>RVR EQPT: RWY06/24: A: 100m N of RCL, 311m inward THR06; B center: 100m N of RCL, 1790m inward THR06. C: 100m N of RCL, 335m inward THR24; RWY07/25: D: 100m S of RCL, 313m inward THR07; E center: 100m S of RCL, 1780m inward THR07. F: 100m S of RCL, 337m inward THR25;</p> <p>SFC wind sensors(including automatic weather station): RWY 06: 110m N of RCL, 321m inward THR06; RWY 24: 110m N of RCL, 315m inward THR24. RWY 07: 110m S of RCL, 323m inward THR07; RWY 25: 110m S of RCL, 317m inward THR25.</p> <p>SFC wind sensors: RWY06/24 center: 110m N of RCL, 1800m inward THR24; RWY07/25 center: 110m S of RCL, 1800m inward THR07.</p> <p>Ceilometer: RWY 06: 10m N of RCL, 1000m outward THR06; RWY 24: 110m N of RCL, 305m inward THR24. RWY 07: 30m N of RCL, 965m outward THR07; RWY 25: 140m N of RCL, 735m outward THR25.</p>
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

ZSNJ 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
06	058° GEO 062° MAG	3600 × 45	82/R/B/W/T Cement Concrete (200m inward THR06 and 100m inward THR24) Cement Concrete& Asphalt (Other parts: 3300m)	Nil	THR 13.0m TDZ 13.6m
24	238° GEO 242° MAG	3600 × 45	82/R/B/W/T Cement Concrete (200m inward THR06 and 100m inward THR24) Cement Concrete& Asphalt (Other parts: 3300m)	Nil	THR 11.6m TDZ 12.7m
07	058° GEO 062° MAG	3600 × 60	102/R/B/W/T Cement Concrete (0-1000m inward THR07/25); 82/R/B/W/T Cement Concrete (Other parts)	Nil	THR 12.5m TDZ 12.5m
25	238° GEO 242° MAG	3600 × 60	102/R/B/W/T Cement Concrete (0-1000m inward THR07/25); 82/R/B/W/T Cement Concrete (Other parts)	Nil	THR 11.8m TDZ 12.0m
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)	无障碍物地带 OFZ	跑道端安全区长宽 RWY end safety area dimensions (m)
7	8	9	10	11	12

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)
See AOC	Nil	Nil	3720 × 300	Nil	220 × 120m
See AOC	Nil	Nil	3720 × 300	Nil	220 × 120m
See AOC	Nil	Nil	3720 × 300	Nil	240 × 120m
See AOC	Nil	Nil	3720 × 300	Nil	240 × 120m
Remark: 1.Distance between RCL of RWY07/25 and RCL of RWY06/24 is 2000m; RWY07 THR is 1000m west of RWY06 THR. 2.RWY shoulder: 7.5m on each side. 3.RWY06/24 grooved at 200m inward THR06 and 100m inward THR24(depth: 6mm, width: 6mm, space between centerline: 32mm); other part(3300m) no groove. 4.RWY07/25 grooved at full length(depth: 6mm, width: 6mm, space between centerline: 32mm).					

ZSNJ 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
06	3600	3600	3600	3600	
06	3470	3470	3470	3600	Enter RWY06 to take off via TWY A1
24	3600	3600	3600	3600	
07	3600	3600	3600	3600	
07	3500	3500	3500	3600	Enter RWY07 to take off via TWY C2
25	3600	3600	3600	3600	
25	3500	3500	3500	3600	Enter RWY25 to take off via TWY C13
Remarks:					

ZSNJ 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
06	CAT I 900m* LIH	Green WBAR	PAPI Left/3°	Nil	3600m** spacing 15m	3600m*** spacing 60m	Red	Nil
24	CAT I 900m* LIH	Green WBAR	PAPI Left/3°	Nil	3600m ** spacing 15m	3600m*** spacing 60m	Red	Nil
07	CAT II 900m SFL LIH	Green WBAR	PAPI Left/3°	900m	3600m ** spacing 15m	3600m*** spacing 60m	Red	Nil
25	CAT I 900m* LIH	Green WBAR	PAPI Left/3°	Nil	3600m ** spacing 15m	3600m*** spacing 60m	Red	Nil
Remarks: *SFL ** up to 2700m White VRB LIH, 2700-3300m Red/White VRB LIH, 3300-3600m Red VRB LIH ***up to 3000m White VRB LIH, 3000-3600m Yellow VRB LIH								

ZSNJ 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	The end of RWY06/24,07/25 WDI with light.
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	RWY06/24: Dual feed, UPS available, diesel engine driven generator/1sec; RWY07/25: Dual feed, UPS available, diesel engine driven generator/1sec.

5	备注 Remarks	Nil
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ZSNJ 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

ZSNJ 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
Nanjing tower control area	A circuit, 4 arcs with radius 13km centered at center of all RWY THR, and 2 parallel line of 13km from RWY06/24 and RWY07/25 center line.	SFC-600m(QNH)	
Fuel Dumping Area	N3113.0E12300.0- N3130.0E12400.0- N3110.0E12400.0- N3100.0E12300.0- N3113.0E12300.0	3000m or above	Refer ZSPD and ZSSS Fuel Dumping Area Chart
Altimeter setting region and TL/TA	A circle with a radius of 55km centered on Lukou VOR/DME (NJL).	TL 3600m TA 3000m 3300m(QNH ≥ 1031hPa) 2700m(QNH ≤ 979hPa)	

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

服务名称 Service Designation	呼号 Call sign	频率 Frequency (MHz)	工作时间 Hours of operation	备注 Remarks
1	2	3	4	5
ATIS		126.25	H24	D-ATIS available
APP	Nanjing Approach	119.25 (120.35) AP01	H24	Nil
APP	Nanjing Approach	126.55 (120.35) AP02	H24	Nil
APP	Nanjing Approach	119.675 (120.35) AP03	BY ATC	Nil
APP	Nanjing Approach	121.3 (119.525) AP04	2330-1559(next day)	Contact ZSNJAP01 when ZSNJAP04 U/S.
TWR	Nanjing Tower	North: 118.85(118.15)	HO	
TWR	Nanjing Tower	South: 118.475(118.15)	HO	
GND	Nanjing Ground	North: 121.7(118.15)	HO	
GND	Nanjing Ground	South: 121.6(118.15)	HO	
Delivery	Nanjing Delivery	121.9	HO	
EMG	Nanjing	121.5	H24	

ZSNJ 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
Lukou VOR/DME	NJL	113.6MHz CH 83X	N31° 45.3' E118° 53.2'	24m	R300° -R315° clockwise and R335° - R345° clockwise U/S.
Moling VOR/DME	MLJ	117.05MHz CH 117Y	N31° 50.7' E118° 51.3'	19m	
Shiqiu VOR/DME	SNQ	115.75MHz CH 104Y	N31° 40.8' E118° 58.1'	27m	

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
NDB	Z	420kHz	31° 42.6' 118° 50.3'		970m outward THR07
Xiaodanyang NDB	ID	440kHz	N31° 40.0' E118° 43.0' 295m N of RWY06/24 RCL,14165m outward THR06		On bearing 095DEG BTN 15NM and 18NM U/S for holding procedure On bearing 095DEG BTN 5NM and 18NM U/S for departure procedures and arrival procedures. On bearing 174DEG beyond 5NM U/S for departure procedures and arrival procedures. On bearing 293DEG beyond 3-8NM U/S for departure procedures.
Dajiaochang NDB	A	511kHz	31° 59.1' 118° 47.6'		
LOC 06 ILS CAT I	IMI	110.3MHz	062° MAG / 280m FM end RWY 06		Beyond 25° rightside of front course U/S
GP 06		335.0MHz	130m N of RWY06 RCL, 308m inward THR06		Angle 3° , RDH 16.5m Coverage 17NM
DME	IMI	CH 40X (110.3MHz)	135m N of RWY06 RCL 308m inward THR 06	17m	Co-located with GP 06
LOC 24 ILS CAT I	IGG	110.9MHz	242° MAG / 280m FM end RWY 24		
GP 24		330.8MHz	130m N of RWY24 RCL, 302m inward THR 24		Angle 3° , RDH 16.5m Coverage 17NM

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	IGG	CH 46X (110.9MHz)	135m N of RWY24 RCL 302m inward THR 24	16m	Co-located with GP 24
GP 07		330.5MHz	120m S of RWY07 RCL, 310m inward THR 07		Angle 3° , RDH 16.5m
LOC 07 ILS CAT II	IZZ	108.7MHz	062° MAG / 315m FM end RWY 07		Beyond 25° rightside of front course U/S
DME	IZZ	CH 24X (108.7MHz)	125m S of RWY07 RCL 310m inward THR 07	16m	Co-located with GP 07
LOC 25 ILS CAT I	IPX	111.3MHz	242° MAG / 315m FM end RWY 25		
GP 25		332.3MHz	120m S of RWY25 RCL, 304m inward THR 25		Angle 3° , RDH 16.5m
DME	IPX	CH 50X (111.3MHz)	125m S of RWY25 RCL, 304m inward THR 25	16m	Co-located with GP 25
IM 07		75MHz	242° MAG/ 345m FM THR 07		
Remark:					

ZSNJ AD 2.20 本场飞行规定

ZSNJ AD 2.20 Local traffic regulations

1. 机场使用规定

1. Airport operations regulations

- | | |
|--|---|
| 1.1 禁止未安装二次雷达应答机的航空器起降; | 1.1 Takeoff/landing of aircraft without SSR transponder are forbidden; |
| 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; | 1.2 Each and every technical test flight shall be filed in advance and shall be made only after clearance has been obtained from ATC; |
| 1.3 可使用最大机型: A380; | 1.3 Maximum aircraft to be available: A380 and equivalent; |
| 1.4 本场不接收F类 (翼展65至80米或主起落架外轮外侧边间距14至16米) 航空器备降 (B747-8除外)。 | 1.4 It is not available for aircraft type F (wingspan BTN 65m & 80m or main gear of lateral wheel spacing BTN 14m & 16m) for alternate except B747-8. |

2. 跑道和滑行道的使用

2. Use of runways and taxiways

- | | |
|---------------------------------|--|
| 2.1 可以通过塔台管制室或运行指挥中心申请引导车和拖车服务; | 2.1 Follow-me vehicle service and towing service are available via Tower Control or Operation Control Center ; |
| 2.2 禁止航空器在滑行道上做180° 转弯; | 2.2 180° turn around on TWY is forbidden for all aircraft; |

2.3 滑行道翼展限制 / Wing span limits for TWYs

滑行道 / TWYs	翼展限制 /Wingspan limit
A7	52m
T4, T5	36m
T6	80m
T13	20m
T20-T22	48m
T23	65m

2.4 B747-8、B777-300 和 A340-600 三种机型在下列滑行道的相交转弯处需要采取偏置转弯滑行方式
/B747-8, B777-300 and A340-600 shall offset-centerline taxi at the corner of following TWYs.

K(north of main A) and main A	A9 and main A
A(connect with RWY) and main A	A10 and main A
A3 and main A	A9 and T8
A7 and main A	A10 and T8
B and Q	Q2 and R
B and R	Q3 and Q
Q2 and Q	Q3 and R

2.5 落地航空器从接地到脱离跑道的的时间应控制在50秒以内。如不能执行此要求,应不晚于接地前5分钟报告管制员(湿跑道或污染跑道除外);

2.6 起飞航空器从等待位置到对正跑道的的时间应控制在60秒以内。如不能执行此要求,应在进跑道前报告塔台管制员(湿跑道或污染跑道除外);

2.7 更换跑道运行方向过程中,当跑道顺风分量超过3米/秒但不大于5米/秒时,管制员可以短时指挥航空器顺风起飞或着陆。若航空器驾驶员根据机型性能或者运行手册限制不能执行,应明确告知管制员;

2.8 着陆航空器落地许可的最晚发布时机可以在着陆航空器飞越跑道入口前。

2.9 A380航空器运行规则

2.9.1 A380运行区

RWY07/25; 滑行道 C1-C14,D,D1-D6,T6; 停机位 210. 其他区域禁止运行。

2.9.2 A380航空器运行规则

2.9.2.1 在A380运行区按塔台管制员指令滑行。

2.9.2.2 进港航空器由引导车引领滑行,出港航空器按塔台指令执行。

2.9.2.3 A380不能提供除冰雪服务。

2.10 B747-8航空器运行规则

2.10.1 B747-8运行区

RWY06/24、RWY07/25; 停机位 206-214,274-275; 供E类航空器运行的滑行道。

2.10.2 塔台地面管制区域按塔台管制员指令滑行。

3. 机坪和机位的使用

2.5 All landing aircraft shall fully vacate RWY within 50s after touchdown. If flight crew can not fulfill, pilot shall inform ATC no later than 5 minutes before landing(except for wet or contaminated RWY);

2.6 Departure aircraft shall finish RWY alignment within 60s from holding position. If flight crew considers that they can not fulfill , pilot shall inform TWR ATC before entering the RWY(except for wet or contaminated RWY);

2.7 During changing the operation direction of RWY, when downwind speed is more than 3m/s but not exceeding 5m/s, ATC may instruct aircraft downwind take-off or landing in a short time. Flight crew shall inform ATC if they can not fulfill.

2.8 The latest time to issue landing clearance can be before aircraft flying over RWY THR.

2.9 Operational rules for A380

2.9.1 Operational areas for A380

RWY07/25;TWY C1-C14,D,D1-D6,T6;Stands Nr.210.the Others area are forbidden to operate.

2.9.2 Operational rules for A380

2.9.2.1 Aircraft shall taxi by Nanjing Tower instruction in A380 operational area.

2.9.2.2 Arrival aircraft shall taxi by follow-me vehicle, Departure Aircraft shall taxi by Nanjing Tower instruction .

2.9.2.3 Snow cleaning and de-icing service not available for A380 .

2.10 Operational rules for B747-8

2.10.1 Operational areas for B747-8

RWY06/24,RWY07/25;Stands Nr.206-214,274,275;TWYs for aircraft CAT E.

2.10.2 Aircraft shall taxi by Nanjing Tower instruction in Tower Ground Control Area.

3. Use of aprons and parking stands

3.1 进入停机坪的航空器均由引导车引导。在远机位、专机位、货机位、维修机位停靠的航空器由地面人员指挥其进、出机位；

3.2 未经地面管制同意，严禁航空器利用自身动力倒滑；

3.3 发动机试车，需经地面管制和运行指挥中心许可，并在指定的地点进行。严禁在廊桥附近试大车；

3.4 禁止相邻机位的航空器同时进入、同时推出以及一进一出。

3.5 为确保运行安全，一般进港入位的航空器应避让推出航空器。

3.6 进港航空器由滑行道转入机位引入线之前（或进入热点区域等待位置前）必须停住观察，确认无安全风险的情况下方可滑入停机位。

3.1 Aircraft taxiing into apron shall be guided by follow-me vehicle. Aircraft parking/docking on stand-off stand, VIP flight parking stand, cargo aircraft parking stand or maintenance parking stand will be guided by a marshaller for entry /exit;

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

3.3 Engine run-ups are subject to Ground Control and airport operation control center clearance, and only be carried out at a designated location. Fast engine run-ups near boarding bridges are strictly forbidden;

3.4 On adjacent parking stands, two ACFT forbidden to move (including taxi into/out by own power, pushed back) simultaneously.

3.5 For operation safety, entering ACFT should yield to exiting ACFT.

3.6 Arrival ACFT and follow-me vehicle shall stop on TWYs before turning into stands lead-in lines(or enter Hot spot waiting position), then observe and keep slow speed to stands.

3.7 航空器不能同时使用的机位 /Pair of stands forbidden to use simultaneously:

The stand in use	The stands forbidden to be used
Nr.1	Nr.16
Nr.16	Nr.1
Nr.5	Nr.6
Nr.6	Nr.5
Nr.13A	Nr.13
Nr.67A	Nr.67-69
Nr.91	Nr.92, 93
Nr.92	Nr.93
Nr.93	Nr.92
Nr.74A(engine-up stand)	Nr.72,73,98,99
Isolated apron (East of Nr.4 apron)	Nr.278,279

3.8 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 / Wingspan limits for aircraft	机身长度限制 / Fuselage limits	滑入、滑出方式 / Enter or exit
Nr.1	<36m	<58.6m	Taxi in/ Push-back
Nr.2	<36m	<63.2m	Taxi in/ Push-back
Nr.3	<36m	<58.6m	Taxi in/ Push-back
Nr.4	<36m	<62m	Taxi in/ Push-back
Nr.5	<36m	<50.6m	Taxi in/ Push-back
Nr.6-8	<36m	<41.5m	Taxi in/ Push-back
Nr.9	<36m	<47.2m	Taxi in/ Push-back
Nr.10	<36m	<53.3m	Taxi in/ Push-back
Nr.13	<36m	<64.2m	Taxi in/ Push-back
Nr.14	<36m	<57.3m	Taxi in/ Push-back
Nr.15	<36m	<58.1m	Taxi in/ Push-back
Nr.16	<36m	<56.5m	Taxi in/ Push-back
Nr.17	<36m	<47.7m	Taxi in/ Push-back
Nr.18	<36m	<56m	Taxi in/ Push-back
Nr.32-34,13A	<40m	<48m	Taxi in/ Taxi out
Nr.51	<49m	<58m	Taxi in/ Taxi out
Nr.52-53	<52m	<62m	Taxi in/ Taxi out
Nr.54-65	<36m	<45m	Taxi in/ Taxi out
Nr.66	<52m	<62m	Taxi in/ Push-back
Nr.67-69	<65m	<76m	Taxi in/ Push-back
Nr.67A	<65m	<72m	Taxi in/ Taxi out
Nr.70-72	<36m	<50m	Taxi in/ Push-back
Nr.73	<36m	<45m	Taxi in/ Push-back
Nr.74A	<65m	<76m	Push in / Taxi out
Nr.91-93	<20m	<24m	Taxi in/ Taxi out
Nr.98-99	≤ 29m	<32m	Taxi in/Push-back
Nr.201,202,221-231	<36m	≤ 45m	Taxi in/ Push-back
N r . 2 0 3 - 2 0 5 , 2 1 7 - 220,273,278,279	≤ 48m	≤ 55m	Taxi in/ Push-back

Nr.206-209,211-216,274-277	<65m	≤ 76m	Taxi in/ Push-back
Nr.210	<80m	≤ 76m	Taxi in/ Push-back
Nr.260-272	<36m	≤ 47m	Taxi in/ Push-back
Nr.601-614	≤ 36m	<30.5m	Taxi in/Push-back
Nr.621-623,632	<48m	<52m	Taxi in/Push-back
Nr.631	<65m	<63m	Push-in/ taxi out
Nr.624-628	≤ 38m	<64m	Taxi in/ Push-back
Nr.633-635	<65m	<82.5m	Taxi in/ Push-back
Nr.641-649	≤ 38m	<55m	Taxi in/ Push-back
Nr.650-654	<36m	<53m	Taxi in/ Push-back
Remarks: 1. While aircraft with wing span 52-65m parking on stand Nr. 2, stand Nr.1 is only used for aircraft with wing span less than 52m. 2. While aircraft with wing span 52-65m parking on stand Nr. 2, stand Nr.3 is only used for aircraft with wing span less than 36m. 3. While A340-600 parking on stand Nr.17, aircraft with wing span more than 52m taxiing in nearby taxiways is forbidden.			

4. 进、离场管制规定

4.1 离场航空器

4.1.1 离场航空器在推出开车前必须向塔台管制放行席位申请放行许可；

4.1.2 当地面管制员发布推出开车的指令后，机组需要在5分钟之内执行指令，若超过5分钟，管制指令自动取消，机组需要重新申请；

4.1.3 机组收到进跑道指令后，必须在确保安全的前提下，在前机滑跑后立即按照标准运行程序从等待线滑至跑道内正确位置。任何情况下，机组必须确保在进跑道前完成所有必要的检查，并用最短的时间完成进跑道。

4.2 着落航空器

4.2.1 着陆航空器脱离跑道后应及时向塔台管制员报告已脱离跑道和脱离所使用的滑行道；

4. Air traffic control regulations

4.1 Departure aircraft

4.1.1 Departure aircraft shall contact Delivery Control for clearance before push-back and start-up;

4.1.2 After getting ATC clearance for push-back and start-up, departure aircraft shall execute instruction within 5 minutes, otherwise, ATC clearance will be failure, and pilot shall apply for clearance again;

4.1.3 After getting ATC clearance for entering RWY, once previous aircraft start taxiing, the departure aircraft shall enter RWY from holding line immediately with standard operation procedure. In any case, pilot shall check all necessary examination before entering RWY, and then enter RWY in the shortest time.

4.2 Landing aircraft

4.2.1 After vacating RWY, landing aircraft shall report the vacated RWY designation and the TWY in use to TWR controller in time;

4.2.2 着陆航空器使用 06 号跑道落地时应尽快由 A5 快速脱离道脱离, 着陆航空器使用 24 号跑道落地时应尽快由 A3 快速脱离道脱离, 着陆航空器使用 07 号跑道落地时应尽快由 D5 快速脱离道脱离, 如需选择其他道口脱离跑道, 应在首次联系塔台时报告管制员。

4.2.2 Landing aircraft used RWY06 shall vacate RWY via TWY A5 as soon as possible, landing aircraft used RWY24 shall vacate RWY via TWY A3 as soon as possible, landing aircraft used RWY07 shall vacate RWY via TWY D5 as soon as possible. If landing aircraft want to choose other TWY to vacate RWY, pilot shall report ATC in the first contact with Control TWR.

5. 机场的 II/III 类运行

5. CAT II/III operations at AD

5.1 低能见度地面滑行

5.1 Low Visibility Taxing Procedure

5.1.1 本场实施低能见度运行时, 垂直尾翼高度 20m 以上的航空器 (如: A380、AN124) 在 D 滑限制运行: 当 07 号跑道有航空器进近时, A380、AN124 如使用 07 号跑道离场, 应当在 T6 或 N 滑等待。

5.1.1 In LVP, aircraft with vertical tail height more than 20m (such as A380, AN124) is limited in TWY D: A380, AN124 departing from RWY 07 should wait at TWY T6 or TWY N, when there is other aircraft in approach.

5.1.2 本场实施低能见度运行时, 使用 06 或 07 号跑道离场的航空器应当在跑道外 “CAT II” 跑道等待位置处等待, 若停止排灯故障, 航空器应当在跑道端部的平行滑行道上等待; 使用 24 或 25 号跑道离场的航空器应当在跑道端部的平行滑行道上等待。

5.1.2 In LVP, aircraft departing from RWY 06 or RWY 07 shall wait at 'CAT II' holding position. If stop bars not in use, aircraft shall wait at the end of paralleled TWYs. Aircraft shall wait at the end of paralleled TWYs when departing from RWY 24 or RWY 25.

5.2 在实施 II 类运行时, 机组应根据当时天气实况及自身标准决定是否起降, 并对其决定负责。管制员不再核实机组是否具备相应的资格。

5.2 In CAT II operation, flight crew is responsible for the decision on whether to take-off or land according to standards and weather condition.

5.3 机组进行 07 号跑道标准 II 类精密进近训练飞行时, 需提前 40 min 向空管部门申请。当低能见度程序未实施时, 机组应事先考虑到仪表着陆系统的信号可能受到干扰并准备必要的安全措施。

5.3 Flight crew shall apply to ATC 40min earlier under the CAT II flight training using RWY 07. Flight crew shall prepare necessary measures in advance for the possible interference on ILS signal when Low Visibility Procedure NOT in operation.

5.4 使用 HUD 实施特殊批准 II 类运行, 应在首次联系进近时向管制员报告。

5.4 In SA CAT II operation, flight crew shall report to ATC for the first time.

6. 除冰规则

6. Rules for deicing

6.1 本场航空器采用机位除冰和定点除冰两种方式。一般采用机位除冰, 视情况启用定点除冰, 除冰点设在 C2-C3 之间的 C 滑。机组根据 ATC 指令开车至除冰点。

6.1 Aircraft can be de-iced at stands and a centralized deicing holding position is established on TWY C (BTN C2&C3), refer AD2.24-2 and by ATC instructions.

6.2 航空器除冰限制条件**6.2 Limitations for aircraft de-icing**

6.2.1 航前、长时间停场、积冰较厚、预计除冰耗时较长的航空器不适用定点除冰。

6.2.1 Perflight, a long parking, severe icing and time-consuming de-icing are not suited to centralized deicing.

6.2.2 C类以上（不含C类）的航空器不适用定点除冰。

6.2.2 Maximum aircraft suited to centralized deicing: CAT C.

6.2.3 APU故障的航空器不适用定点除冰。

6.2.3 Aircraft with unavailable APU is not suited to centralized deicing.

6.2.4 除冰时应在航空器发动机关闭状态下进行。

6.2.4 Stop engine when de-icing.

7. 平行跑道同时仪表运行**7. Simultaneous operations on parallel runways**

06/24号跑道和07/25号跑道实施隔离平行运行模式。

Segregated parallel approaches/departures will be applied for RWY06/24 and RWY07/25.

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

ZSNJ AD 2.21 噪音限制规定及减噪程序**ZSNJ AD 2.21 Noise restrictions and Noise abatement procedures**

无

Nil

ZSNJ AD 2.22 飞行政序**ZSNJ AD 2.22 Flight procedures****1. 总则****1. General**

1.1 除经南京进近或塔台特殊许可外,在南京进近管制区和塔台管制区内的飞行,必须按照仪表飞行规则进行。

1.2 每日 23:00-15:59(UTC) 期间,本场 RNAV 飞行程序为主用程序,传统程序为备用程序;

1.3 凡不符合 RNAV 程序运行要求的航空器,需在首次联系时告知管制员。

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

1.2 From 23:00-15:59(UTC) daily, RNAV flight procedures are primary and conventional procedures are secondary procedures;

1.3 If the aircraft can not fulfill the requirements of the RNAV procedures operation, pilot shall inform the controller at the first contact.

2. 起落航线

起落航线限在 07/25 号跑道南侧进行, C、D 类航空器高度 500 米, A、B 类航空器高度 300 米。经 ATC 许可,起落航线也可在 06/24 号跑道北侧进行, C、D 类航空器高度 500 米, A、B 类航空器高度 300 米。

2. Traffic circuits

The Traffic circuits shall be only in the south of RWY07/25, at the altitude of 500m for aircraft CAT C/D, and 300m for aircraft CAT A/B. With ATC clearance, the traffic circuits shall be also in the north of RWY06/24, at the altitude of 500m for aircraft CAT C/D, and 300m for aircraft CAT A/B.

3. 仪表飞行程序

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

3. IFR flight procedures

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

4. 雷达程序和 / 或 ADS-B 程序

南京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,最小垂直间隔为 300 米。

4. Radar procedures and/or ADS-B procedures

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

5. 无线电通信失效程序

5.1 进港航空器

5. Radio communication failure procedures

5.1 Landing aircraft

进港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，沿标准仪表进场程序，保持指令高度飞至标准进场程序的等待位置（使用 24/25 号跑道落地时，如果管制员指定的进场程序为 ESB-12A 或者 ESB-22A，则应当飞至 ESB-14A 和 ESB-24A 的起始进近定位点），利用等待程序下降高度，机组根据管制员发布的指令或者通播，按照标准仪表进近程序自主领航着落；已飞越起始进近定位点的航空器，按标准仪表进近程序自主领航着落。

5.2 离港航空器

离港航空器在确定机载通信设备失效后，刚离地的航空器按照标准仪表进近图中的复飞程序飞行，加入标准等待程序等待或按照标准仪表进近程序自主领航着落，飞行员自行决定返航或备降。

6. 目视飞行程序

无

7. 目视飞行航线

无

8. 目视参考点

无

9. 其它规定

9.1 对机组的要求

9.1.1 机组应当听清并重复地面管制员的滑行指令，尤其是界限性指令和跑道号，发现疑问及时证实；

After determining the radio communication equipment is failure, landing aircraft keep last altitude allocated by ATC, and fly to holding point in STAR procedure(If ATC request pilot to use ESB-12A or ESB-22A, landing aircraft shall fly to IAF of ESB-14A/24A), then join the holding pattern to descend altitude. According to ATC clearance or ATIS, aircraft shall land in IAC procedure.

Aircraft which has flied past IAF shall land in IAC procedure.

5.2 Departure aircraft

After determining the radio communication equipment is failure, departure aircraft shall execute IAC missed approach procedure, and join holding pattern or land in IAC procedure, then pilot decide to return or alternate.

6. Procedures for VFR flights

Nil

7. VFR route

Nil

8. Visual reference point

Nil

9. Other regulations

9.1 Requirements for pilots

9.1.1 Verify and repeat the GND Control instruction;

9.1.2 地面滑行期间, 机组应密切关注管制相关活动, 及时依照管制员的活动通报观察或将观察到的不明活动通报给地面管制员;

9.1.3 专机滑行路线以管制员指令为准;

9.1.4 未经 ATC 许可, 航空器不得飞越控制线以南。控制线为 B、C、D、E 四个点的连线, 各点的坐标为:

B: N313950 E1175950

C: N313640 E1182930

D: N313400 E1184208

E: N313200 E1190200

9.1.2 During aircraft taxiing on the ground, pilot shall observe carefully, and report unknown condition to GNDcontroller;

9.1.3 Taxiing routes of special flight will be instructed by GND controller;

9.1.4 All aircraft flying across south of restriction line without ATC clearance is forbidden strictly. The restriction line is connection of B, C, D and E. The coordinate is as follow:

B: N313950 E1175950

C: N313640 E1182930

D: N313400 E1184208

E: N313200 E1190200

10. 区域导航飞行程序相关数据

10. Data for RNAV flight procedures

Waypoint list

ID	COORDINATES(WGS-84)	ID	COORDINATES(WGS-84)
NJ105	N313853E1184109	NJ402	N314700E1185451
NJ106	N313758E1184150	NJ403	N314804E1185821
NJ107	N313633E1183911	NJ404	N314550E1185635
NJ108	N313219E1184217	NJ405	N314456E1185703
NJ109	N313556E1183539	NJ406	N313500E1190303
NJ110	N314031E1183217	NJ407	N314506E1191203
NJ111	N313808E1183003	NJ408	N315109E1190635
NJ112	N313345E1184455	NJ409	N315548E1190320
NJ113	N313957E1190737	NJ410	N315309E1185705
NJ114	N314003E1182509	NJ411	N315209E1190603
NJ115	N314936E1192251	NJ412	N315645E1190243
NJ116	N314539E1184151	NJ413	N315336E1185647
NJ118	N315722E1183916	NJ414	N314208E1191203
NJ119	N320100E1183828	NJ415	N313935E1191203
NJ120	N320800E1183656	HFE	N314630E1171806
NJ205	N314947E1190135	MLJ	N315042E1185118
NJ206	N314852E1190215	NJL	N314518E1185312

NJ207	N315228E1190639	SNQ	N314048E1185806
NJ208	N315134E1190719	CJ	N301818E1201000
NJ209	N315705E1190318	ID	N314000E1184300
NJ210	N314720E1191024	OF	N324024E1183442
NJ211	N315412E1185015	ZJ	N315630E1164236
NJ212	N315915E1184834	AKSIG	N323000E1183200
NJ213	N320300E1184719	ESBAG	N313712E1194024
NJ214	N321000E1184458	GOSRO	N313324E1191318
NJ215	N314415E1191931	KAKIS	N302900E1200848
NJ216	N314359E1190408	LEGIV	N313630E1173430
NJ217	N314554E1184503	OREVO	N314000E1181030
NJ218	N315011E1184503	SUNBO	N314730E1180518
NJ219	N313454E1191203	TESIG	N311148E1192318
NJ303	NJ314227E1184524	VEMEX	N314742E1181806
NJ304	N314011E1184802	XOGAX	N314842E1184112
NJ305	N314041E1183842		
NJ306	N314004E1183622		
NJ307	N314003E1183009		

Data for RNAV flight procedures

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/TCH	Navigation Specification
RWY06 Departure OF-61X								
CF	NJ411	Y	062		↑ 850			RNP1
DF	NJ412			L	↑ 1200	MAX380		RNP1
TF	NJ413				↑ 1500			RNP1
TF	MLJ				↑ 1800			RNP1
TF	NJ211				↑ 2100			RNP1
TF	NJ212				↑ 2700			RNP1
TF	NJ213				↑ 3000 or by ATC			RNP1
TF	NJ214				↑ 3600 or by ATC			RNP1

TF	OF							RNP1
RWY06 Departure OF-63X(BY ATC)								
CF	NJ402	Y	047		↑ 180			RNP1
DF	MLJ			L	↑ 520	MAX380		RNP1
TF	NJ211							RNP1
TF	NJ212				↑ 900			RNP1
TF	NJ213							RNP1
TF	NJ214							RNP1
TF	OF							RNP1
RWY06 Departure HFE-61X								
CF	NJ411	Y	062		↑ 850			RNP1
DF	NJ412			L	↑ 1200	MAX380		RNP1
TF	NJ413				↑ 1500			RNP1
TF	MLJ				↑ 1800			RNP1
TF	NJ218				↑ 2100			RNP1
TF	VEMEX							RNP1
TF	SUNBO				↑ 4500			RNP1
TF	HFE							RNP1
RWY06 Departure HFE-63X(BY ATC)								
CF	NJ402	Y	047		↑ 180			RNP1
DF	MLJ			L	↑ 520	MAX380		RNP1
TF	NJ218				↑ 900			RNP1
TF	VEMEX							RNP1
TF	SUNBO				↑ 4500			RNP1
TF	HFE							RNP1
RWY06 Departure ESB-61X(BY ATC)								
CF	NJ403	Y	062		↑ 300			RNP1
CF	NJ407		113	R	↑ 1500 or 1200 (by ATC)	MAX380		RNP1
TF	ESBAG							RNP1
RWY06 Departure CJ-61X(BY ATC)								
CF	NJ403	Y	062		↑ 300			RNP1

DF	SNQ			R	↑ 600	MAX380		RNP1
TF	NJ406				↑ 900			RNP1
TF	TESIG							RNP1
TF	CJ							RNP1
RWY07 Departure OF-71X(BY ATC)								
CF	NJ408	Y	062		↑ 850			RNP1
DF	NJ409			L	↑ 1200	MAX380		RNP1
TF	NJ410				↑ 1500			RNP1
TF	MLJ				↑ 1800			RNP1
TF	NJ211				↑ 2100			RNP1
TF	NJ212				↑ 2700			RNP1
TF	NJ213				↑ 3000 or by ATC			RNP1
TF	NJ214				↑ 3600 or by ATC			RNP1
TF	OF							RNP1
RWY07 Departure OF-73X(BY ATC)								
CF	NJ404	Y	062		↑ 180			RNP1
DF	MLJ			L	↑ 600	MAX380		RNP1
TF	NJ211							RNP1
TF	NJ212				↑ 900			RNP1
TF	NJ213							RNP1
TF	NJ214							RNP1
TF	OF							RNP1
RWY07 Departure OF-75X								
CF	NJ405	Y	077		↑ 180			RNP1
CF	MLJ		344	R	↑ 1800	MAX380		RNP1
TF	NJ211				↑ 2100			RNP1
TF	NJ212				↑ 2700			RNP1
TF	NJ213				↑ 3000 or by ATC			RNP1
TF	NJ214				↑ 3600 or by ATC			RNP1
TF	OF							RNP1

RWY07 Departure HFE-71X(BY ATC)								
CF	NJ408	Y	062		↑ 850			RNP1
DF	NJ409			L	↑ 1200	MAX380		RNP1
TF	NJ410				↑ 1500			RNP1
TF	MLJ				↑ 1800			RNP1
TF	NJ218				↑ 2100			RNP1
TF	VEMEX							RNP1
TF	SUNBO				↑ 4500			RNP1
TF	HFE							RNP1
RWY07 Departure HFE-73X(BY ATC)								
CF	NJ404	Y	062		↑ 180			RNP1
DF	MLJ			L	↑ 600	MAX380		RNP1
TF	NJ218				↑ 900			RNP1
TF	VEMEX							RNP1
TF	SUNBO				↑ 4500			RNP1
TF	HFE							RNP1
RWY07 Departure HFE-75X								
CF	NJ405	Y	077		↑ 180			RNP1
CF	MLJ		344	R	↑ 1800	MAX380		RNP1
TF	NJ218				↑ 2100			RNP1
TF	VEMEX							RNP1
TF	SUNBO				↑ 4500			RNP1
TF	HFE							RNP1
RWY07 Departure ESB-71X								
CF	NJ405	Y	077		↑ 180			RNP1
CF	NJ414		108	R	↑ 1500 or 1200 (by ATC)	MAX380		RNP1
TF	ESBAG							RNP1
RWY07 Departure CJ-71X								
CF	NJ405	Y	077		↑ 180			RNP1
CF	NJ406		168	R	↑ 900	MAX380		RNP1
TF	TESIG							RNP1

TF	CJ							RNP1
RWY24 Departure OF-42X(BY ATC)								
CF	NJ303	Y	257		↑ 300			RNP1
CF	XOGAX		354	R	↑ 600	MAX380		RNP1
TF	NJ118				↑ 900			RNP1
TF	NJ119							RNP1
TF	NJ120							RNP1
TF	AKSIG							RNP1
TF	OF							RNP1
RWY24 Departure OF-44X								
CF	NJ305	Y	257		↑ 600			RNP1
CF	XOGAX		059	R	↑ 2100	MAX380		RNP1
TF	NJ118				↑ 2700			RNP1
TF	NJ119				↑ 3000 or by ATC			RNP1
TF	NJ120				↑ 3600 or by ATC			RNP1
TF	AKSIG							RNP1
TF	OF							RNP1
RWY24 Departure HFE-42X								
CF	NJ305	Y	257		↑ 600			RNP1
TF	NJ307				↑ 1200			RNP1
TF	OREVO							RNP1
TF	LEGIV							RNP1
TF	HFE							RNP1
RWY24 Departure ESB-42X(BY ATC)								
CF	NJ303	Y	257		↑ 300			RNP1
CF	NJ406		106	L	↑ 1200	MAX380		RNP1
TF	NJ415							RNP1
TF	ESBAG							RNP1
RWY24 Departure ESB-44X(BY ATC)								
CF	NJ305	Y	257		↑ 600			RNP1
CF	NJ406		095	L	↑ 1200	MAX380		RNP1

TF	NJ415							RNP1
TF	ESBAG							RNP1
RWY24 Departure CJ-42X(BY ATC)								
CF	NJ303	Y	257		↑ 300			RNP1
CF	NJ406		106	L	↑ 1200	MAX380		RNP1
TF	TESIG							RNP1
TF	CJ							RNP1
RWY24 Departure CJ-44X(BY ATC)								
CF	NJ305	Y	257		↑ 600			RNP1
CF	NJ406		095	L	↑ 1200	MAX380		RNP1
TF	TESIG							RNP1
TF	CJ							RNP1
RWY25 Departure OF-52X(BY ATC)								
CF	NJ304		227		↑ 300			RNP1
TF	ID				↑ 600	MAX370		RNP1
TF	XOGAX				↑ 900	MAX370		RNP1
TF	NJ118							RNP1
TF	NJ119							RNP1
TF	NJ120							RNP1
TF	AKSIG							RNP1
TF	OF							RNP1
RWY25 Departure OF-54X(BY ATC)								
CF	NJ304		227		↑ 300			RNP1
TF	ID				↑ 600	MAX370		RNP1
TF	NJ306	Y			↑ 900			RNP1
CF	XOGAX		061	R	↑ 2100	MAX370		RNP1
TF	NJ118				↑ 2700 or by ATC			RNP1
TF	NJ119				↑ 3000 or by ATC			RNP1
TF	NJ120				↑ 3600 or by ATC			RNP1
TF	AKSIG							RNP1

TF	OF							RNP1
RWY25 Departure HFE-52X(BY ATC)								
CF	NJ304		227		↑ 300			RNP1
TF	ID				↑ 600	MAX370		RNP1
TF	NJ306				↑ 900			RNP1
TF	NJ307				↑ 1200 or by ATC			RNP1
TF	OREVO							RNP1
TF	LEGIV							RNP1
TF	HFE							RNP1
RWY25 Departure ESB-52X								
CA			227		600			RNP1
DF	NJ406			L	↑ 1200	MAX370		RNP1
TF	NJ415							RNP1
TF	ESBAG							RNP1
RWY25 Departure CJ-52X								
CA			227		600			RNP1
DF	NJ406			L	↑ 1200	MAX370		RNP1
TF	TESIG							RNP1
TF	CJ							RNP1
RWY06 Arrival OF-61F RWY07 OF-71F								
IF	OF							RNP1
TF	AKSIG							RNP1
TF	NJ120				↑ 3600 or by ATC			RNP1
TF	NJ119				↑ 3000 or by ATC			RNP1
TF	NJ118				↑ 2700 or by ATC			RNP1
TF	XOGAX				↑ 2100 or by ATC			RNP1
TF	NJ116				1800 or by ATC	MAX380		RNP1
RWY06 Arrival HEF-61F RWY07 HEF-71F								

IF	HFE							RNP1
TF	LEGIV							RNP1
TF	OREVO							RNP1
TF	NJ114				↑ 1200	MAX380		RNP1
RWY06 Arrival ZJ-61F(BY ATC)RWY 07 ZJ-71F(BY ATC)								
IF	ZJ							RNP1
TF	NJ115							RNP1
TF	SNQ				1800	MAX380		RNP1
RWY06 Arrival ESB-61F RWY07 ESB-71F								
IF	ESBAG							RNP1
TF	NJ113							RNP1
TF	SNQ				1800	MAX380		RNP1
RWY06 Arrival KAK-61F RWY07 KAK-71F								
IF	KAKIS							RNP1
TF	GOSRO							RNP1
TF	SNQ				1800	MAX380		RNP1
RWY06 Arrival KAK-63F RWY07 KAK-73F								
IF	KAKIS							RNP1
TF	GOSRO							RNP1
TF	NJ113							RNP1
TF	SNQ				1800	MAX380		RNP1
RWY06 Arrival Transition NJ116								
IF	NJ116				1800 or by ATC	MAX380		RNP1
TF	NJ110							RNP1
TF	NJ109				↑ 900			RNP1
TF	NJ105				600			RNP1
RWY06 Arrival Transition NJ114								
IF	NJ114				↑ 1200	MAX380		RNP1
TF	NJ111				1200 or by ATC			RNP1
TF	NJ109				↑ 900			RNP1
TF	NJ105				600			RNP1

RWY06 Arrival Transition SNQ								
IF	SNQ				1800	MAX380		RNP1
TF	NJ112				900			RNP1
TF	NJ105				600			RNP1
RWY06 Holding (outbound time 1 minute)								
HM	NJ116	Y	242	L	1800	MAX400		RNP1
HM	NJ114	Y	095	L	1500	MAX400		RNP1
HM	SNQ	Y	242	L	1800	MAX400		RNP1
RWY07 Arrival Transition NJ116								
IF	NJ116				1800 or by ATC	MAX380		RNP1
TF	NJ110							RNP1
TF	NJ109				↑ 900			RNP1
TF	NJ106				600			RNP1
RWY07 Arrival Transition NJ114								
IF	NJ114				↑ 1200	MAX380		RNP1
TF	NJ111				1200 or by ATC			RNP1
TF	NJ109				↑ 900			RNP1
TF	NJ106				600			RNP1
RWY07 Arrival Transition SNQ								
IF	SNQ				1800	MAX380		RNP1
TF	NJ112				900			RNP1
TF	NJ106				600			RNP1
RWY07 Arrival Transition NJ116 CAT-II								
IF	NJ116				1800 or by ATC	MAX380		RNP1
TF	NJ110							RNP1
TF	NJ109				↑ 900			RNP1
TF	NJ107				600			RNP1
RWY07 Arrival Transition NJ114 CAT-II								
IF	NJ114				↑ 1200	MAX380		RNP1
TF	NJ111				1200 or by ATC			RNP1

TF	NJ109				↑ 900			RNP1
TF	NJ107				600			RNP1
RWY07 Arrival Transition SNQ CAT-II								
IF	SNQ				1800	MAX380		RNP1
TF	NJ108				900			RNP1
TF	NJ107				600			RNP1
RWY07 Holding(outbound time 1 minute)								
HM	NJ116	Y	242	L	1800	MAX400		RNP1
HM	NJ114	Y	095	L	1500	MAX400		RNP1
HM	SNQ	Y	242	L	1800	MAX400		RNP1
RWY24 Arrival OF-42F RWY25 OF-52F								
IF	OF							RNP1
TF	NJ214				↑ 3600 or by ATC			RNP1
TF	NJ213				↑ 3000 or by ATC			RNP1
TF	NJ212				↑ 2700 or by ATC			RNP1
TF	NJ211				↑ 2100 or by ATC			RNP1
TF	MLJ				1800			RNP1
TF	NJL							RNP1
TF	NJ216				1500	MAX380		RNP1
RWY24 Arrival OF-44F RWY25 OF-54F								
IF	OF							RNP1
TF	NJ214				↑ 3600 or by ATC			RNP1
TF	NJ213				↑ 3000 or by ATC			RNP1
TF	NJ212				↑ 2700 or by ATC			RNP1
TF	NJ211				↑ 2100 or by ATC			RNP1
TF	MLJ				1800	MAX380		RNP1
RWY24 Arrival HFE-42F RWY25 HFE-52F								

IF	HFE							RNP1
TF	SUNBO				↑ 4500			RNP1
TF	VEMEX							RNP1
TF	NJ217				↑ 2100 or by ATC			RNP1
TF	NJL							RNP1
TF	NJ216				1500	MAX380		RNP1
RWY24 Arrival HFE-44F RWY25 HFE-54F								
IF	HFE							RNP1
TF	SUNBO				↑ 4500			RNP1
TF	VEMEX							RNP1
TF	NJ218				↑ 2100 or by ATC			RNP1
TF	MLJ				1800	MAX380		RNP1
RWY24 Arrival ZJ-42F(BY ATC) RWY25 ZJ-52F(BY ATC)								
IF	ZJ							RNP1
TF	NJ115				1800	MAX380		RNP1
RWY24 Arrival ESB-42F RWY25 ESB-52F								
IF	ESBAG							RNP1
TF	NJ215				1800	MAX380		RNP1
RWY24 Arrival KAK-42F RWY25 KAK-52F								
IF	KAKIS							RNP1
TF	NJ219				1800	MAX380		RNP1
RWY24 Arrival Transition NJ216								
IF	NJ216				1500	MAX380		RNP1
TF	NJ210				1200			RNP1
TF	NJ207				↑ 900			RNP1
TF	NJ205				600			RNP1
RWY24 Arrival Transition MLJ								
IF	MLJ				1800	MAX380		RNP1
TF	NJ209				↑ 1200 or by ATC			RNP1
TF	NJ207				↑ 900			RNP1

TF	NJ205				600			RNP1
RWY24 Arrival Transition NJ115								
IF	NJ115				1800	MAX380		RNP1
TF	NJ210				1200			RNP1
TF	NJ207				↑ 900			RNP1
TF	NJ205				600			RNP1
RWY24 Arrival Transition NJ215								
IF	NJ215				1800	MAX380		RNP1
TF	NJ210				1200			RNP1
TF	NJ207				↑ 900			RNP1
TF	NJ205				600			RNP1
RWY24 Arrival Transition NJ219								
IF	NJ219				1800	MAX380		RNP1
TF	NJ210				1200			RNP1
TF	NJ207				↑ 900			RNP1
TF	NJ205				600			RNP1
RWY24 Holding (outbound time 1 minute)								
HM	MLJ	Y	062	R	1800	MAX400		RNP1
HM	NJ216	Y	062	R	1800	MAX400		RNP1
HM	NJ210	Y	357	L	↓ 1500 ↑ 1200	MAX400		RNP1
RWY25 Arrival Transition NJ216								
IF	NJ216				1500	MAX380		RNP1
TF	NJ210				1200			RNP1
TF	NJ208				↑ 900			RNP1
TF	NJ206				600			RNP1
RWY25 Arrival Transition MLJ								
IF	MLJ				1800	MAX380		RNP1
TF	NJ209				↑ 1200 or by ATC			RNP1
TF	NJ208				↑ 900			RNP1
TF	NJ206				600			RNP1
RWY25 Arrival Transition NJ115								

IF	NJ115				1800	MAX380		RNP1
TF	NJ210				1200			RNP1
TF	NJ208				↑ 900			RNP1
TF	NJ206				600			RNP1
RWY25 Arrival Transition NJ215								
IF	NJ215				1800	MAX380		RNP1
TF	NJ210				1200			RNP1
TF	NJ208				↑ 900			RNP1
TF	NJ206				600			RNP1
RWY25 Arrival Transition NJ219								
IF	NJ219				1800	MAX380		RNP1
TF	NJ210				1200			RNP1
TF	NJ208				↑ 900			RNP1
TF	NJ206				600			RNP1
RWY25 Holding(outbound time 1 minute)								
HM	MLJ	Y	062	R	1800	MAX400		RNP1
HM	NJ216	Y	062	R	1800	MAX400		RNP1
HM	NJ210	Y	357	L	↓ 1500 ↑ 1200	MAX400		RNP1

ZSNJ AD 2.23 其它资料

1. 每年 7-9 月和 11-2 月鸟群活动频繁, 对跑道运行影响较大。机场当局采取了驱赶措施, 以减少鸟群活动。

ZSNJ AD 2.23 Other information

1. Activities of bird flocks take place frequently from July to September and November to February, operations of RWY are affected. Aerodrome Authority resorts to dispersal methods to reduce their activities.