ZYTX AD 2.1 机场地名代码和名称 Aerodrome location indicator(ICAO / IATA) and name

ZYTX/SHE-沈阳/桃仙 SHENYANG/Taoxian

ZYTX 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	N41°38.5′ E123°29.1′ Center of RWY
2	机场基准点与城市的位置关系 Direction and distance from city	154.3 °GEO, 18.5km from Shenyang Railway Station
3	机场标高、基准温度、低温均值 ELEV/Reference temperature/Mean low temperature	60.5 m/29.3℃(JUL)/-17.9℃(JAN)
4	机场标高位置的大地水准面波幅 Geoid undulation at AD ELEV PSN	
5	磁差（测量年份）及年变率 VAR(Year)/Annual change	8 ℃W/-
6	机场管理部门、地址、电话、传真、AFS 地址、电子邮箱、网址 AD administration/Address/Telephone/Telefax/ AFS/ E-mail/Website	Shenyang Taoxian International Airport CO.LTD. Shenyang Taoxian Airport, Shenyang 110169, Liaoning province, China Post code:110169 TEL:86-24-89398050 FAX:86-24-31929005 AFS:ZYTXYDYX
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

ZYTX AD 2.3 工作时间 Operational hours

1	机场开放时间 AD Operational hours	H24
2	海关和移民 Customs and immigration	HS or O/R
3	卫生健康部门 Health and sanitation	HS or O/R
4	航空情报服务讲解室 AIS Briefing Office	HS or O/R
5	空中交通服务报告室 ATS Reporting Office	HS or O/R

6	气象服务讲解室 MET Briefing Office	HS or O/R
7	空中交通服务 Air Traffic Service	HS or O/R
8	加油服务 Fuelling	HS or O/R
9	地勤服务 Handling	HS or O/R
10	安保服务 Security	HS or O/R
11	除冰服务 De-icing	HS or O/R
12	备注 Remarks	Nil

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

1	货物装卸设施 Cargo-handling facilities	Conveyor truck; tow-truck; dolly
2	燃油牌号 Fuel types	Jet Fuel No.3
3	滑油牌号 Oil types	Nil
4	加油设施/能力 Fuelling facilities & Capacity	Refueling truck(20000L, 45000L, 65000L), hydrant dispenser, apron refueling well; Average capacity: 12.5L/s
5	除冰设施 De-icing facilities	Deicing apron: Stands Nr. M06, M07L, M07R, M08, Y01 24 de-icers Deicing fluid(Cleanwing I, Cleanwing II, MP-IV)
6	过站航空器机库 Hangar space for visiting aircraft	Nil
7	过站航空器的维修设施 Repair facilities for visiting aircraft	Line maintenance available for B737-300/400/500, B737NG, B737-8, B757-200, A320
8	备注 Remarks	Ground power unit, ground air supply unit, bridge load power, air conditioners

ZYTX AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	Near AD
2	餐饮 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, first aid station at TML, hospital near 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

ZYTX 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: rapid intervention vehicle, primary foam tender, heavy foam tender, dry-chemical tender, illumination truck, command car, logistics truck, disassembly rescue truck Rescue equipment: rescue air-cushion, demolition tools, respirator
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTWA up to AN-124 Equipment: uplift air cushion, mobile surface operation devices, four-axis/six-axis tractor, landing gear hanger, crosstie, hoisting equipment
4	备注 Remarks	Nil

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

1	可用季节及扫雪设备类型 Seasonal availability/Types of clearing equipment	All seasons Snow sweepers, snow spreader, deicing fluid sprayers, small-sized snow sweepers, fork lift, sweeper(front cleaning equipment)
2	扫雪顺序 Clearance priorities	RWY, TWY, Apron
3	备注 Remarks	RWY testing car

ZYTX 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	道面 Surface	CONC
		强度 Strength	PCR 1520/R/B/W/T : Stands Nr. 111-114, Y21 PCR 1330/R/B/W/T : Stands Nr. 101-110, A01, A02, Y06-Y08, Y11-Y20R PCR 1270/R/A/W/T : Stands Nr. Y02, Y04, Y04L, Y04R PCR 1220/R/A/W/T : Stands Nr. 115-140, Y28-Y34 PCR 1170/R/A/W/T : Stands Nr. M2-M5 PCR 1080/R/A/W/T : Stands Nr. A04, Y09 PCR 1060/R/A/W/T : Stands Nr. A03, Y10 PCR 1010/R/A/W/T : Stands Nr. M06, M07L, M07R, M08, Y01 PCR 560/R/A/W/T : Stands Nr. G1-G4
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	宽度 Width	68m : H 34m : B8, G, R 28.5m : C, J 27m : D, K 25m : A2, A8 23m : A, B, E, M, N, P, P1-P3 18m : Z
		道面 Surface	ASPH : A(FM TWY E to TWY(behind Stand.Y19), FM TWY E to taxi strip A(24), FM taxi strip A(06) to THR06, FM taxi strip A(24) to THR24), A2, A8, B(FM TWY E(47m W of center line) to TWY E), C, D, E(corner), G, M(corner), N(corner), P(corner), R CONC : A(FM TWY(behind Stand.Y19) to taxi strip A(06)), B(FM TWY R to TWY E(47m W of center line)), B8, E, H, J, K, M, N, P, P1-P3, Z
		强度 Strength	PCR 1710/F/D/W/T : R PCR 1690/F/C/W/T : G PCR 1590/F/C/W/T : A2 PCR 1560/R/B/W/T : E PCR 1520/F/B/W/T : A8 PCR 1430/F/C/W/T : M(corner), N(corner), P(corner) PCR 1400/F/C/W/T : B(FM TWY E(47m W of center line) to TWY E), E(corner) PCR 1390/F/C/W/T : C PCR 1360/R/A/W/T : H PCR 1300/R/A/W/T : P1, P3 PCR 1290/R/A/W/T : P2 PCR 1250/R/B/W/T : A(FM TWY E to TWY(behind Stand.Y19), FM TWY(behind Stand.Y19) to taxi strip A(06)) PCR 1220/R/A/W/T : M, N, P PCR 1110/R/B/W/T : A(FM taxi strip A(24) to THR24) PCR 1080/R/A/W/T : B(FM TWY R to TWY E(47m W of center line)), B8

			PCR 1050/R/B/W/T : A(FM TWY E to taxi strip A(24)) PCR 1020/R/B/W/T : A(FM taxi strip A(06) to THR06) PCR 860/R/B/W/T : K PCR 700/R/A/W/T : J PCR 570/R/B/W/T : D PCR 490/R/A/W/T : Z
3	高度表校正点的位置及其标高 ACL location and elevation	Nil	
4	VOR 校正点 VOR checkpoints	Nil	
5	INS 校正点 INS checkpoints	Nil	
6	备注 Remarks	Nil	

ZYTX AD 2.9 地面活动引导和管制系统与标识
Surface movement guidance and control system and markings

1	航空器机位号码标记牌、滑行道引导线、航空器目视停靠引导系统的使用 Use of aircraft stand ID signs, TWY guide lines and visual docking / parking guidance system of aircraft stands	Taxiing guidance signs at all intersections of TWY and RWY. Taxiing guidance signs at all holding positions. Aircraft stand identification sign boards at all stands. Guide lines at all TWYs. Guide lines at all aprons.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	跑道标志 RWY markings	THR, RWY designation, edge line, RWY center line, TDZ, aiming point
		跑道灯光 RWY lights	RTHL, WBAR, REDL, RCLL, RENL
		滑行道标志 TWY markings	Edge line, center line, RWY holding position, intermediate holding position
		滑行道灯光 TWY lights	Edge line lights, center line lights, No-entry bar(C, K) , RETILs(C,D,J,K), intermediate holding position lights
3	停止排灯和跑道警戒灯 Stop bars and runway guard lights	Runway guard lights	
4	其它跑道保护措施 Other runway protection measures	Nil	
5	备注 Remarks	BLUE apron edge line lights	

ZYTX AD 2.10 机场障碍物 Aerodrome obstacles

半径 15 千米内主要障碍物 (相对 06/24 跑道中心)

Obstacles within a circle with a radius of 15km (centered on the center of RWY 06/24)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(°)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志，灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
1	2	3	4	5	6
SIGN 001	SIGN	045/4018	98.6		
Pole 002	Pole	056/1960	64.5		RWY06 Take-off path
Pole 003	Pole	056/2252	67.5		RWY06 Take-off path
Antenna 004	Antenna	056/2580	78.3		RWY06 Take-off path; RWY24 ILS/DME approach
Antenna 005	Antenna	057/2580	78.2		RWY06 Take-off path
BLDG 006	BLDG	058/1825	62.4		RWY06 Take-off path
Antenna 007	Antenna	058/9300	139.4		
Trees 008	Trees	060/4408	88.3		
Antenna 009	Antenna	063/5405	89.4		RWY24 ILS/DME GP INOP Final approach
Antenna 010	Antenna	068/7025	128.4		RWY24 VOR/DME Final approach
MT 011	MT	068/7510	88.3		
STACK 012	STACK	095/4763	121.3		
MT 013	MT	105/4400	128.3		
Pole 014	Pole	107/4269	161.5		Circling CAT A

半径 15 千米内主要障碍物 (相对 06/24 跑道中心)
Obstacles within a circle with a radius of 15km (centered on the center of RWY 06/24)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(º)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志，灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
MT 015	MT	114/4050	140.3		
MT 016	MT	119/9920	188.3		
Pole 017	Pole	144/775	130.3		
MT 018	MT	157/6800	185.3		
Antenna 019	Antenna	158/6993	197.2		Circling CAT C
Antenna 020	Antenna	212/2256	96.4		RWY06 VOR/DME Final approach
TOWER 021	TOWER	223/5400	90.3		
STACK 022	STACK	226/7171	97.0		
Antenna 023	Antenna	230/11988	102.3		RWY06 ILS/DME Initial approach; RWY06 VOR/DME Intermediate approach
Pole 024	Pole	231/1295	67.9		RWY06 ILS/DME approach
Antenna 025	Antenna	232/9955	104.2		RWY06 GP INOP, VOR/DME Final approach
BLDG 026	BLDG	235/1813	53.9		RWY24 Take-off path
BLDG 027	BLDG	236/2584	67.1		RWY24 Take-off path
Pole 028	Pole	237/2585	67.3		RWY24 Take-off path
STACK 029	STACK	241/6465	86.1		RWY06 GP INOP Final approach

半径 15 千米内主要障碍物 (相对 06/24 跑道中心)
Obstacles within a circle with a radius of 15km (centered on the center of RWY 06/24)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(º)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志，灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
STACK 030	STACK	298/13319	246.9		MVA Sector12
BLDG 031	BLDG	340/4377	144.6		
Crane 032	Crane	343/4966	165.3		Circling CAT B
BLDG 033	BLDG	345/4354	161.6		
ELECTRICAL_EXIT_LIGHT 034	ELECTRICAL_EXIT_LIGHT	347/3991	109.9	LGT	
Pole 035	Pole	347/4186	109.2		
ELECTRICAL_EXIT_LIGHT 036	ELECTRICAL_EXIT_LIGHT	348/3974	110.0	LGT	
Pole 037	Pole	348/4110	110.2		
ELECTRICAL_EXIT_LIGHT 038	ELECTRICAL_EXIT_LIGHT	348/4187	108.9	LGT	
ELECTRICAL_EXIT_LIGHT 039	ELECTRICAL_EXIT_LIGHT	348/4215	109.0	LGT	
STACK 040	STACK	349/2612	109.3		
ELECTRICAL_EXIT_LIGHT 041	ELECTRICAL_EXIT_LIGHT	349/4091	109.7	LGT	
ELECTRICAL_EXIT_LIGHT 042	ELECTRICAL_EXIT_LIGHT	349/4153	109	LGT	

半径 15 千米内主要障碍物 (相对 06/24 跑道中心)

Obstacles within a circle with a radius of 15km (centered on the center of RWY 06/24)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(º)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志，灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
Pole 043	Pole	349/4714	108.7		
Pole 044	Pole	349/4722	108.2		
STACK 045	STACK	350/3889	117.1		
ELECTRICAL_EXIT_LIGHT 046	ELECTRICAL_EXIT_LIGHT	350/4159	109.1	LGT	
STACK 047	STACK	351/3910	107.2		
STACK 048	STACK	351/4058	112.7		
Other 049	Other	351/4740	104.7		
STACK 050	STACK	352/4038	112.6		
ELECTRICAL_EXIT_LIGHT 051	ELECTRICAL_EXIT_LIGHT	352/4115	111.6	LGT	
ELECTRICAL_EXIT_LIGHT 052	ELECTRICAL_EXIT_LIGHT	353/4087	111.6	LGT	
Other 053	Other	353/9011	197.6		Circling CAT D

半径 15 千米-50 千米内主要障碍物 (相对 06/24 跑道中心)

Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 06/24)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(°)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志、灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
Pole 054	Pole	010/19623	295		MVA Sector1
MT 055	MT	011/39000	463		
MT 056	MT	011/47500	745		
BLDG 057	BLDG	027/15188	147		RWY24 RNAV Arrival
MT 058	MT	048/55000	571		
NATURAL_HIGHPOINT 059	NATURAL_HIGHPOINT	048/58076	539		MVA Sector2
Pole 060	Pole	051/15100	189		RWY24 ILS/DME, VOR/DME Intermediate approach
MT 061	MT	054/40100	255		RWY24 RNAV Arrival
NATURAL_HIGHPOINT 062	NATURAL_HIGHPOINT	054/59930	577		MVA Sector3
MT 063	MT	058/52500	693		
NATURAL_HIGHPOINT 064	NATURAL_HIGHPOINT	059/15400	129		
MT 065	MT	065/27055	152		
MT 066	MT	072/23018	200		
Trees 067	Trees	076/21421	216		RWY24 ILS/DME, VOR/DME Initial approach
Antenna 068	Antenna	079/20882	260		

半径 15 千米-50 千米内主要障碍物 (相对 06/24 跑道中心)

Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 06/24)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(º)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志、灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
Pole 069	Pole	080/20820	260		RWY24 ILS/DME, VOR/DME, RNAV Initial approach
MT 070	MT	080/20900	250		
MT 071	MT	080/20900	264		RWY24 RNAV Arrival
MT 072	MT	081/33500	201		
Pole 073	Pole	087/20694	270		RWY24 RNAV Arrival
MT 074	MT	087/20800	263		
MT 075	MT	087/24909	230		
TOWER 076	TOWER	089/31904	320		MVA Sector4
MT 077	MT	089/39700	463		RWY24 RNAV Arrival
MT 078	MT	089/40000	448		
Trees 079	Trees	090/23060	297		RWY24 ILS/DME, VOR/DME Initial approach
Pole 080	Pole	092/22447	298		MVA Sector5
Antenna 081	Antenna	095/77196	1170		MVA Sector6
MT 082	MT	103/23400	372		MSA; Holding
MT 083	MT	103/38200	507		RWY06 RNAV Arrival
MT 084	MT	103/55500	1131		

半径 15 千米-50 千米内主要障碍物 (相对 06/24 跑道中心)
Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 06/24)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(º)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志、灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
MT 085	MT	109/40500	509		
MT 086	MT	110/44000	578		
MT 087	MT	113/39000	579		RWY24 RNAV Arrival
MT 088	MT	117/33100	542		RWY06 RNAV Arrival
MT 089	MT	118/48400	648		RWY06 RNAV Arrival
MT 090	MT	132/51000	953		
NATURAL_HIGHPOINT 091	NATURAL_HIGHPOINT	134/90892	1274		MVA Sector7
MT 092	MT	142/43600	601		RWY06 RNAV Arrival
MT 093	MT	146/64500	1009		
MT 094	MT	151/23000	389		RNAV Holding
MT 095	MT	155/53113	968		MSA
NATURAL_HIGHPOINT 096	NATURAL_HIGHPOINT	157/72956	1122		MVA Sector8
MT 097	MT	160/20600	387		Holding
MT 098	MT	162/18200	345		RNAV Holding
MT 099	MT	166/35000	654		

半径 15 千米-50 千米内主要障碍物 (相对 06/24 跑道中心)
Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 06/24)

障碍物名称或编号 Obstacle ID/ Designation	障碍物类型 Obstacle type	障碍物位置 磁方位(º)/距离(m) Obstacle position MAG BRG(degree)/DIST(m)	标高或(高) Elevation /(Height) (m)	障碍物标志、灯光类型及颜色 Obstacle marking /Lighting Type & Colour	影响的飞行程序及起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
NATURAL_HIGHPOINT 100	NATURAL_HIGHPOINT	175/61903	836		MVA Sector9
NATURAL_HIGHPOINT 101	NATURAL_HIGHPOINT	192/83095	895		MVA Sector10
MT 102	MT	207/42500	311		
NATURAL_HIGHPOINT 103	NATURAL_HIGHPOINT	208/59610	433		MVA Sector11
Trees 104	Trees	216/20378	114		Holding; RWY06 RNAV Initial approach
TOWER 105	TOWER	351/16266	353		MSA
BLDG 106	BLDG	353/18318	384		MSA

Remarks:

ZYTX AD 2.11 提供的气象情报、气象观测和报告
Meteorological information provided & meteorological observations and reports

提供的气象情报
Meteorological information provided

1	相关气象台的名称 Associated MET Office	ATC center MET station of ATMB
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	ATC center MET station of ATMB;9h, 24h;3h, 6h
4	趋势预报及发布间隔 Trend forecast/Interval of issuance	trend 30min

5	所提供的讲解或咨询服务 Briefing/Consultation provided	Briefing provided: P, T, TV
6	飞行文件及其使用语言 Flight documentation/Language(s) used	Chart, international MET codes, abbreviated plain language text;Ch,En
7	讲解或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	Briefing provided: Synoptic charts, satellite and radar material, data forecast, METAR
8	提供气象情报的辅助设备 Supplementary equipment available for providing information	TEL, FAX, Northeast MET Service Terminal
9	提供气象情报的空中交通服务单位 ATS units provided with information	ATC
10	其他信息 Additional information	Nil
气象观测和报告 Meteorological observations and reports		
1	机场观测类型与频率、自动观测设备 Type & frequency of observation /Automatic observation equipment	Half hourly plus special observation plus special observation/
2	气象报告类型及所包含的补充资料 Type of MET Report/Supplementary information included	METAR, SPECI
3	观测系统及安装位置 Observation system/Site(s)	RVR EQPT A: 92m W of RCL, 340m inward THR06; B: 92m W of RCL, 1530m inward THR06; C: 92m W of RCL, 280m inward THR24. SFC wind sensors 06: 103m W of RCL, 304m inward THR06; RWY center: 103m W of RCL, 1510m inward THR06; 24: 103m W of RCL, 304m inward THR24. Ceilometer 06: 100m W of RCL, 310m inward THR06; 24: 100m W of RCL, 310m inward THR24.
4	观测系统的工作时间 Hours of operation for meteorological observation system	H24
5	气候资料 Climatological information	Climatological tables AVBL
6	其他信息 Additional information	Nil

ZYTX AD 2.12 跑道物理特征 Runway physical characteristics

跑道号码 RWY Designator	真方位和磁方位 TRUE & MAG BRG	跑道长宽 Dimensions of RWY(m)	跑道强度、跑道和停止道道面 RWY strength/ Surface of RWY /SWY	跑道入口坐标、跑道末端坐标、跑道入口大地水准面波幅 THR coordinates & RWY end coordinates & THR geoid undulation	跑道入口标高和精密进近跑道接地带最高标高 THR elevation & highest elevation of TDZ of precision APP RWY	跑道和停止道坡度 Slope of RWY/SWY
1	2	3	4	5	6	7
06	048 °GEO 056 °MAG	3200×45	PCR 850/R/A/W/T ASPH/-	Nil	THR 51.7m	0.3%(1520m)/0.4%(1130m)/0%(310m)/-0.17%(140m)/-0.06%(100m)
24	228 °GEO 236 °MAG	3200×45	PCR 850/R/A/W/T ASPH/-	Nil	THR 60.2m	0.06%(100m)/0.17%(140m)/0%(310m)/-0.4%(1130m)/-0.3%(1520m)

跑道号码 RWY Designator	停止道长宽 SWY dimensions (m)	净空道长宽 CWY dimensions (m)	升降带长宽 Strip dimensions (m)	跑道端安全区长宽 RESA dimensions (m)	拦阻系统的位置及描述 Location& Description of arresting system	无障碍物区 OFZ
1	8	9	10	11	12	13
06	Nil	200×150	3320×300	165×120	Nil	Nil
24	Nil	200×150	3320×300	167×120	Nil	Nil
Remarks:						

ZYTX 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
06	3200	3400	3200	3200	Nil
06	2800	3000	2800	3200	FM A2
24	3200	3400	3200	3200	Nil
24	2800	3000	2800	3200	FM A8

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

跑道号码 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类型、位置、仰角、跑道入口最低眼高 Type of VASIS/Position /Angle/MEHT	接地带灯长度 TDZ LGT LEN	跑道中线灯长度、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	PALS CAT I SFL 900 m LIH	GREEN Yes	PAPI LEFT 357.8m inward THR06 3° 18.0m	Nil	3200 m spacing 15m 0-2300m, WHITE 2300-2900m, RED/WHITE 2900-3200m, RED VRB LIH	3200 m spacing 60m 0-2600m, WHITE 2600-3200m, YELLOW VRB LIH	RED	Nil
24	PALS CAT I SFL 900 m LIH	GREEN Yes	PAPI LEFT 360.3m inward THR24 3° 17.7m	Nil	3200 m spacing 15m 0-2300m, WHITE 2300-2900m, RED/WHITE 2900-3200m, RED VRB LIH	3200 m spacing 60m 0-2600m, WHITE 2600-3200m, YELLOW VRB LIH	RED	Nil
Remarks:								

ZYTX AD 2.15 其它灯光,备份电源 Other lighting, secondary power supply

1	机场灯标或识别灯标位置、特性和工作时间 ABN/IBN location, characteristics and hours of operation	Nil
2	着陆方向标和风向标位置和灯光 LDI/ WDI location and LGT	WDI: 06:115m SE of RCL, 350m inward THR06, LGT. 24:115m SE of RCL, 350m inward THR24, LGT.
3	滑行道边灯和滑行道中线灯 TWY edge and center line lighting	All TWYs: green center line lights, blue edge line lights
4	备份电源及转换时间 Secondary power supply/Switch-over time	Secondary power supply available, diesel engine/15s
5	备注 Remarks	TWY center line lights on part of TWY M, N, P, P1-P3, R

ZYTX 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 TLOF and/or FATO elevation	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

ZYTX AD 2.17 空中交通服务空域 ATS airspace

空域名称和水平范围 Designation and lateral limits		垂直范围 Vertical limits	空域分类 Airspace class	空中交通服务单位呼号和使用语言 ATS unit callsign Language	工作时间 Hours of applicability	备注 Remarks
1	2	3	4	5	6	7
Shenyang tower control area	A circuit, 2 arcs with radius 13km centred at both THR center and 2 parallel lines of 13km from RCL.	QNH900m or below				
Fuel Dumping Area	N41 30.0E123 45.0-N41 45.0E123 45.0-N42 10.0E124 00.0-N42 07.0E124 30.0-N42 00.0E124 42.0-N41 46.0E124 40.0-N41 30.0E123 45.0					

空域名称和水平范围 Designation and lateral limits		垂直范围 Vertical limits	空域分类 Airspace class	空中交通服务单位呼号和使用语言 ATS unit callsign Language	工作时间 Hours of applicability	备注 Remarks
1	2	3	4	5	6	7
Altimeter setting region and TL/TA	N423758E1240028-N415850E1243554-N412751E1243158-N405451E1240505-N404957E1234501-N405148E1230754-N413835E1220654-N423758E1240028	TL 3600m TA 3000m 3300m(QNH≥1031hPa) 2700m(QNH≤979hPa)				

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

服务名称 Service designation	呼号 Callsign	频率 Frequency (MHz)	卫星话音通信号码 SATVOICE number	登录地址 Logon address	工作时间 Hours of operation	备注 Remarks
1	2	3	4	5	6	7
ATIS		127.45			HO	D-ATIS available
APP	Shenyang Approach	APP01:125.55 (126.55)			H24	
		APP02:119.825 (126.55)			by ATC	Contact APP01 when APP02 U/S.
		APP03:121.225 (126.55)			0400-1000	Contact APP01 when APP03 U/S.
TWR	Taoxian Tower	118.1 (124.3)			HO	
GND	Taoxian Ground	121.9			by ATC	Contact TWR when GND U/S.
APN	Taoxian Apron	121.95 (121.8)			H24	
Delivery	Taoxian Delivery	121.675			by ATC	DCL available Contact GND or TWR when Delivery U/S.

ZYTX AD 2.19 无线电导航和着陆设施 Radio navigation and landing aids

设施名称及类型、磁差、支持运行类别、VOR/ILS 磁偏角 Name and type of aid, VAR,Type of supported OPS, Declination of VOR/ILS	识别 ID	频率、波道 Frequency/ Channel number	工作时间 Hours of operation	发射天线坐标及相对位置 Coordinates of transmitting antenna/ Position	DME 发射天线标高 Elevation of DME transmitting antenna	备注 Remarks
1	2	3	4	5	6	7
Shenyang VOR/DME	SEY	114.1 MHz CH 88X	H24	N41°38.5′ E123°28.7′ 285 °MAG/288m FM RWY center	59 m	
Dongyangjiao NDB	PU	296 kHz	H24	N41°30.4′ E123°17.5′ 235 °MAG/21630m FM RWY center		
Wangbingou NDB	KY	365 kHz	H24	N41°42.3′ E123°44.8′ 078 °MAG/23200m FM RWY center		
OM 06		75 MHz		236 °MAG/7350m FM THR06		
MM 06		75 MHz		236 °MAG/984m FM THR06		
LOC 06 ILS CAT I	IPU	110.5 MHz		056 °MAG/225m FM RWY06 end		
GP 06		329.6 MHz		130m E of RCL, 310m inside THR06		Angle 3 °, RDH 15 m
DME 06	IPU	CH 42X (110.5 MHz)			60m	Co-located with GP 06
OM 24		75 MHz		056 °MAG/8000m FM THR24		
MM 24		75 MHz		056 °MAG/984m FM THR24		
LOC 24 ILS CAT I	IKY	110.3 MHz		236 °MAG/220m FM RWY24 end		
GP 24		335.0 MHz		125m E of RCL, 303m inside THR24		Angle 3 °, RDH 15 m

设施名称及类型、磁差、支持运行类别、VOR/ILS 磁偏角 Name and type of aid, VAR,Type of supported OPS, Declination of VOR/ILS	识别 ID	频率、波道 Frequency/ Channel number	工作时间 Hours of operation	发射天线坐标及相对位置 Coordinates of transmitting antenna/ Position	DME 发射天线标高 Elevation of DME transmitting antenna	备注 Remarks
DME 24	IKY	CH 40X (110.3 MHz)		120m E of RCL, 305m inside THR24	66m	Co-located with GP 24

ZYTX AD 2.20 本场规定

1. 机场使用规定

1.1 所有技术试飞需事先申请，并在得到空中交通管制部门和机场当局批准后方可进行。

1.2 本场提供数字化放行（DCL）服务，机组可通过 PDC 和管制指令两种方式取得放行许可，PDC24 小时可用。机组在收到 PDC 数字放行许可后，应在报告准备好开车前 5min 向管制员复诵下列信息：公司呼号、航班号、放行目的地、跑道号、离场程序、起始高度、二次应答机编码、离场频率。DCL 报文中“NEXT FREQ”标示为航空器收到 PDC 数字放行许可后首个联系频率，“DEP FREQ”标示为航空器离地后联系进近频率。

1.3 当桃仙机坪发布推出开车的指令后，要求机组在 5min 之内执行指令，若超过 5min，管制指令自动取消，机组需重新申请；

1.4 管制单位通过 ATIS（D-ATIS）或话音通信的方式，向航空器驾驶员通报跑道表面状况信息，当出现以下

ZYTX AD 2.20 Local aerodrome regulations

1.Airport operations regulations

1.1 Each and every technical test flight shall be filed in advance and conducted only after clearance has been obtained from ATC and the Aerodrome Authority.

1.2 Departure clearance via data link(DCL) service is available. Obtain delivery clearance through PDC and ATC clearance, PDC is available the whole day. Repeat 'airline call sign, flight number, delivery destination, RWY designation, SID, initial altitude, SSR transponder code and departure FREQ' to ATC 5min before reporting 'ready to start-up'. The 'NEXT FREQ' in the message of DCL is the first frequency for aircraft to contact after get PDC, The 'DEP FREQ' is the frequency for aircraft to contact after it was airborne.

1.3 Flight crew shall execute the instruction within 5min after getting the clearance from Taoxian Apron, otherwise flight crew shall apply for the instruction again;

1.4 RWY condition shall be provided by ATIS(D-ATIS) or voice communnication, and flight crew shall report

情况时航空器驾驶员应立即向管制单位通报：

(1) 跑道刹车效应低于机场管理机构提供的跑道表面状况；

(2) 跑道刹车效应为“差”或“极差”；

(3) 必要的跑道标志或助航灯光被冰雪覆盖，不能提供所需的目视参考。

1.5 航空器在地面滑行时，机组应将应答机设置在 S 模式。

2. 跑道和滑行道的使用

2.1 总则

2.1.1 为减少波道占用时间，航空器起飞离地后，自动与塔台管制席位脱波（对于管制员在航空器离地后提示联系进近，航空器驾驶员可以不回复），联系进近时，需通报离场程序。航空器在起飞离地之前或者管制员的要求下，应保持在塔台管制波道。离场航空器在推出开车前必须注意收听机场情报通播，按通播指定频率联系塔台管制相关席位申请放行许可，塔台管制在放行许可中明确脱波后应该联系的频率，空中交通管制放行许可的申请不早于准备开车前 10min 进行。

2.1.2 禁止航空器在沥青道面上作 180°调头；

2.2 跑道运行原则

2.2.1 跑道外等待的离港航空器收到进跑道指令至对正跑道做好离场准备时间应控制在 1 分钟内，离港航

ATC when the following conditions appear:

(1) RWY braking action is lower than RWY condition provided by airport;

(2) RWY braking action is 'poor' or 'extremely poor';

(3) The necessary RWY marking or lighting is covered by ice or snow, and the required visual reference can not be provided.

1.5 Aircraft shall set transponder on mode sierra while taxiing.

2. Use of runways and taxiways

2.1 General rules

2.1.1 In order to avoid FREQ congestion, aircraft shall leave TWR FREQ without radiotelephony instruction from controller. Notify departure designator when contacting APP. Aircraft shall keep the TWR FREQ before departure or requested by ATC clearance. Departure aircraft shall pay attention to ATIS before start-up and apply for ATC clearance according to the FREQ ATIS indicated. ATC shall clarify the contact FREQ after leaving TWR FREQ. The delivery application shall be applied within 10min before start-up.

2.1.2 180°turnaround on ASPH surface is forbidden for all aircraft;

2.2 General rules for the use of runways

2.2.1 Time for departure aircraft from get enter RWY clearance to RWY alignment and ready for departure

空器如需要长时间占用跑道（超过 1min），必须在穿越跑道等待位置之前向塔台管制通报占用跑道时间；进港航空器在着陆后应尽快（飞越跑道入口端至完全脱离跑道应在 50s 内）脱离跑道，如需使用更长的时间占用跑道或全跑道脱离应，尽可能在着陆前通知管制员。

shall within 1min. Departure aircraft shall inform ATC before crossing the holding positions if occupy the RWY more than 1min; Arrival aircraft shall vacate the RWY as soon as possible (within 50s from flying over THR to vacating the RWY), otherwise inform TWR controller before landing;

2.2.2 着陆航空器使用06跑道落地时应尽快由D快速脱离道脱离；由 C 快速脱离道脱离后不可左转加入 A 滑行道；禁止使用 A8 垂直联络道脱离跑道，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。着陆航空器使用 24 跑道落地时应尽快由 J 快速脱离道脱离；

由 K 快速脱离道脱离后不可右转加入 A 滑行道；

禁止使用 A2 垂直联络道脱离跑道，如需选择其他道口脱离，应在首次联系塔台时通知管制员。

2.2.2 ACFT landing on RWY06 shall use TWY D to exit RWY as soon as possible. ACFT vacating RWY via TWY C is forbidden to turning left into TWY A. Vacating RWY via TWY A8 is forbidden. ACFT landing on RWY24 shall use TWY J to exit RWY as soon as possible. ACFT vacating RWY via TWY K is forbidden to turning right into TWY A. Vacating RWY via TWY A2 is forbidden. Otherwise notify TWR when contacting controller.

2.2.3 空管塔台转换使用跑道方向过程中短时使用跑道顺风分量超过 3m/s 但不大于 5m/s 时，管制员将此信息及时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，决定是否使用顺风跑道起飞或者着陆。

2.2.3 When ATC tower change direction of runway in use, if downwind speed is more than 3m/s and not exceeding 5m/s, ATC controller shall inform flight crew. According to aircraft performance or operation handbook, pilot shall decide whether aircraft will take off or land on downwind runway allocated.

2.3 地面以及滑行道使用规则

2.3 Use of aprons and TWYs

2.3.1 使用 RWY24 时，落地航空器通常情况下使用 J、A、P 或 K、A、P 滑行（停靠在公务机坪的航空器除外）。航空器驾驶员应加强对滑行道和滑行线标志的观察，未经塔台管制许可不得使用 N 滑行线脱离滑行道 A。

2.3.1 RWY24 in use: landing aircraft generally use route J-A-P or K-A-P to taxi (except aircraft parking on business aircraft apron). Aircraft cannot vacate TWY A via taxi lane N without ATC permisson;

2.3.2 使用 06 跑道时，落地航空器停靠 T1、T2、T3

2.3.2 RWY06 in use: landing aircraft shall taxi into

机坪主用 G 滑和 E 滑，通常情况下 T3 离港航空器将使用 R、A 滑行至 06 跑道 ILS 保护区等待线，避免错过 A 滑行道而误入 K 快速脱离道导致跑道侵入，同时注意观察与滑行道 A 上的航空器之间的交叉冲突。

apron T1, T2 and T3 via TWY G or E; departure aircraft shall taxi into ILS protection area of RWY06 via TWY R and A. Flight crew shall avoid RWY incursion by missing TWY A and taxiing into rapid exit TWY K, and pay attention to the aircraft on TWY A at the same time to avoid intersection collide.

2.3.3 滑行道翼展限制

2.3.3 Wing span limits for TWY

滑行道/TWY	航空器翼展限制/Wing span limits for A/C
A2/A8, Z	<36m

2.4 机场冲突多发地带运行要求。

机动区冲突多发地带位置见 ZYTX AD2.24-1/2；

2.4 Hot spot procedure.

Refer to ZYTX AD2.24-1/2;

2.4.1 HS1&HS2：06 和 24 跑道 ILS 保护区

使用 06/24 跑道起降时，管制员将指令航空器在 ILS 保护区等待线外等待，航空器进入此区域前，须得到塔台管制员的许可。

2.4.1 HS1&HS2: ILS protection area for RWY06/24

Aircraft shall wait out of the ILS protection area when using RWY06/24. ATC permission is needed before getting into these areas.

2.4.2 HS3：滑行线 M、N、P 及 R 滑行道与 A 滑行道、B 滑行道及 T 滑行线的交叉区域，

航空器在此复杂区域运行时需注意观察，听从管制员的等待或滑行指令。

2.4.2 HS3: intersections BTN taxi lane M, N, P, TWY R TWY A, B, taxi lane T.

Aircraft shall follow ATC instructions when operate in this complicated area.

2.4.3 为减少运行差错，降低地面冲突和跑道入侵事件的发生概率，在机场活动区内运行的航空器需严格按照下述的要求运行：

2.4.3 For the purpose of reducing errors that lead to ground conflicts and RWY incursions, aircraft operating within the maneuvering area must follow the requirements below:

2.5 A2、A8 垂直联络道使用规则

2.5 General rules for the use of TWYs A2, A8

2.5.1 允许翼展小于 36m 的航空器进入跑道使用，不

2.5.1 TWYs A2, A8 are available for aircraft with wing

可作为脱离跑道使用。

span less than 36m entering RWY, not available for vacating RWY.

2.5.2 原则上在沈阳桃仙机场运行的所有翼展小于36m 的航空器均由 A2/A8 垂直联络道进入跑道使用非全跑道起飞;在非全跑道起飞运行模式实施期间,空管塔台将根据实际运行条件（能见度、风向风速、跑道转换期间、道面污染等）的改变，决定是否暂停使用非全跑道起飞运行模式。

2.5.2 In general, aircrafts with wing span less than 36m shall enter RWY via A2 or A8 for shortened RWY departure. During operating shortened RWY departure, TWR will decide whether to suspend shortened RWY departure by operation condition(VIS, Wind, RWY conversion, RWY contamination etc).

2.5.3 航空器驾驶员在做起飞前准备工作时，应当对当日执行飞行计划的航空器是否满足非全跑道起飞的性能要求进行确认，由于特殊原因无法执行非全跑道起飞时，应尽早且不得晚于开车前通报机坪、塔台，申请使用全跑道起飞，空管部门会对该航班重新进行放行排序。

2.5.3 During preflight process, pilot should confirm if the aircraft can fulfill shortened RWY departure. If cannot operate shortened RWY departure, the aircraft should contact Apron and Tower to apply for full-RWY take-off before start-up. ATC will reorder the flight.

2.5.4 如航空器驾驶员因特殊原因不能接受已经确认的非全跑道起飞管制指令时，请立即向当前所处运行阶段的管制责任单位报告，且不得晚于进入平行滑行道 A 之前，空管部门会对该航班重新进行放行排序。

2.5.4 If cannot accept the comfirmed order of shortened RWY departure, pilot should immediately report to ATC before entering TWY A. ATC will reorder the flight.

2.5.5 因本场垂滑 A2、A8 距离快速脱离道 K、C 较近，使用部分跑道离场的航空器驾驶员滑行时应密切关注地面标识，防止误入 K、C 滑行道。

2.5.5 TWYs A2, A8 are close to TWYs K, C. Flight crew shall pay attention to ground markings and avoid entering TWYs K, C by mistake.

3. 机坪和机位的使用

3. Use of aprons and parking stands

3.1 本场共设置了 13 个移交等待点（HP03-HP05、HP07-HP11、DH01-DH05），移交等待点的水平连线的北侧为空管塔台管制责任区、南侧为机场机坪管制责任区。通过移交等待点进入空管塔台或机场机坪管制责任区时，必须获得相应管制单位的同意后可继续滑行。

3.1 There are 13 holding points (HP03-HP05, HP07-HP11, DH01-DH05) at this airport. North of the line of these holding points is TWR control area, south of the line of these holding points is APN control area. When enter TWR or APN control area via holding points, flight crew shall hold at holding points and wait

for corresponding ATC permission.

3.2 航空器可由引导车引导进、出停机位；

3.2 Aircraft may be guided by follow-me vehicle for entry into/exit from the parking stands;

3.3 发动机试车，需经机坪塔台许可，并在指定的地点进行。严禁在廊桥附近和客机坪试大车；

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

3.4 B8 滑行道东侧 T 滑行线，禁止翼展大于 36m 的航空器自主滑行。

3.4 Aircraft with wing span more than 36m is forbidden to taxi to taxi lane T(E of TWY B8) on its own power.

3.5 停机位使用规定

3.5 Rules for parking stands

3.5.1 停机位使用条件：停机位 Y06-Y21 采用自滑进出的运行方式，从 B 滑滑入，由 T 滑滑出。Y21 作为自滑入机位使用时，航空器翼展须小于 36m。Y21 远机位可作为停机位 111-113 的推出等待机位。停机位 G1-G4 采用顶推进出的运行方式。

3.5.1 Limits for the following stands: Aircrafts parking on stands Nr.Y06-Y21 shall taxi in/out on its own power, taxi in via TWY B, taxi out via TWY T. As a taxi-in stand, stand Nr.Y21 is available for aircraft with wing span less than 36m. As a remote stand, stand Nr.Y21 can be the push-back holding stand of stands Nr.111-113. Aircrafts parking on stands Nr.G1-G4 shall be pushed in/out.

停机位/Stands	航空器翼展限制/Wing span limits for aircraft	机身长度限制/Fuselage limits	进出方式/Enter and exit
Nr.M2-M5	≤36m	≤44.51m	Taxi in and push out

3.5.2 停机位同时使用限制（组合机位）

3.5.2 Limits for combined stands

停机位/ Stands	影响停机位/ The stands forbidden to be used

Y04	Y04L, Y04R
Y19	Y19L, Y19R
Y20	Y20L, Y20R

3.6 机场桥载设备代替 APU 管理规定

3.6.1 为降低碳排放及噪音，所有停靠廊桥机位的航空器须关闭 APU，使用 400Hz 静变电源设备（电源机组）和地面空调设备（空调机组），替代航空器辅助动力装置（APU），保障航空器正常运行。以下特殊情况除外：

3.6.1.1 桥载设备发生故障，不能提供服务；

3.6.1.2 航空器进行 APU 的维修检测活动；

3.6.1.3 遇到影响航班安全、正常运行的特殊情形，例如极端天气、专机保障、航班过站时间不足等有关情况。

3.6.2 如航空公司希望使用 APU，必须致电沈阳桃仙国际机场股份有限公司机务维修部桥载设备保障室（电话：024-31929016）进行申请，申请被批准后方可使用 APU。

3.6 Bridge equipment replace APU

3.6.1 To reduce carbon emission and noises, aircraft parking at boarding bridge stands shall turn off APU, use bridge power supply equipment(400Hz) and ground air conditioner to replace APU. Aircraft can use APU as the following situation:

3.6.1.1 Bridge equipment is unserviceable.

3.6.1.2 APU is in maintenance.

3.6.1.3 In case of exceptional circumstance influencing the regularity and safty of operation, such as extreme weather, special plane support, and insufficient flight transition time, aircraft can use APU.

3.6.2 If need to use APU, airlines shall call maintenance department in Shenyang Taoxian International Airport CO.LTD. on 86-24-31929016 for application. APU can be used after the application is approved.

3.7 航空器慢车除冰程序

3.7.1 使用 24 跑道运行时，M06、M07L、M07R、M08、Y01 为除冰机位。

3.7.2 机坪塔台管制员在与离港航空器联系时，询问机组是否接受慢车除冰，并根据实际运行情况决定其是否执行除冰坪慢车除冰。

3.7.3 满足慢车除冰条件的航空器，机坪塔台指挥其

3.7 Engine idle deicing procedure

3.7.1 Deicing stands Nr. M06, M07L, M07R, M08, Y01 for RWY24.

3.7.2 APN-TWR controller inquiries if departure aircraft need engine idle deicing or not, then decides whether to engine idle deicing due to actual conditions.

3.7.3 Aircraft ready for engine idle deicing shall follow

推出，开车并自滑至 E 前，跟随 T 线上正切 Y06 位置的引导车，继续滑行至除冰坪相对应的除冰等待位置。

APN-TWR ATC instructions to push back and start up, taxi to TWY E then follow follow-me vehicle on taxi lane T to deicing holding position on deicing apron.

3.7.4 航空器滑行至除冰坪相对应等待位置后，机坪塔台指挥航空器转频至频率 121.8MHz。

3.7.4 After taxiing into deicing holding position on deicing apron, APN-TWR instruct aircraft to change VHF FREQ to 121.8MHz.

3.7.5 除冰坪除冰等待位置：本场共设 5 个除冰等待点。

3.7.5 Deicing holding poistion:

起飞跑道/RWY for departure	等待位置名称/Holding position	具体位置/Deicing stand
24	DH01	Nr.Y01
24	DH02	Nr.M08
24	DH03	Nr.M07L
24	DH04	Nr.M07R
24	DH05	Nr.M06

3.7.6 航空器完成除冰后向机坪塔台申请滑出，机坪塔台按照航班放行时间顺序指挥其在移交等待点等待，移交空管塔台指挥。

3.7.6 After completing deicing, aircraft applies for taxi-out. APN-TWR order aircraft to hold short of transmit holding point and hand over TWR according to delivery sequence.

4. 低能见度运行

4. Low visibility operation

无

Nil

5. 直升机飞行限制，直升机停靠区

5. Helicopter operation restrictions and helicopter parking/docking area

无

Nil

6. 警告

6. Warning

沈阳桃仙机场 ILS RWY06/24 下滑道信号受到干扰，

ILS/GP signal unstable for RWY06/24 BTN 14km-7km

受影响航班在五边所处位置不固定，总体集中于跑道入口 14km-7km 或跑道入口附近，提醒实施 ILS 进近机组注意。所有实施 ILS 进近机组在完全建立盲降时须向塔台管制员报告。

from THR or nearby THR, exercise caution. Contact TWR when establish ILS.

ZYTX AD 2.21 减噪程序

无

ZYTX AD 2.21 Noise abatement procedures

Nil

ZYTX AD 2.22 飞行程序

1. 总则

除经塔台特殊许可外，在塔台管制区内的飞行，必须按照仪表飞行规则进行。

2. 起落航线

起落航线在跑道南侧，A、B 类航空器高度 400m，C、D 类航空器高度 600m。

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。

4. 雷达程序和/或 ADS-B 程序

无

5. 无线电通信失效程序

参见 AIP GEN3.4.5 中的仪表飞行规则航空器地空双向无线电通信失效通用程序。

ZYTX AD 2.22 Flight procedures

1. General

Flight within TWR Control Area shall operate under IFR unless special clearance has been obtained from TWR Control.

2. Traffic circuits

Traffic circuits shall be made to the S of RWY, at the altitude of 400m for aircraft CAT A/B, and 600m for aircraft CAT C/D.

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. Radar procedures and/or ADS-B procedures

Nil

5. Radio communication failure procedures

Refer to AIP GEN3.4.5 general procedures for aircraft under instrument flight rule with air-ground two-way radio communication failure.

6. 目视飞行程序

6.1 禁止在跑道北侧进行目视机动（盘旋）飞行。

6.2 沈阳管制区 6000m（含）以下航路（航线），实施目视间隔；沈阳终端和塔台管制空域实施目视间隔和目视进近。

7. 目视飞行航线

无

8. 其它规定

无

6. Procedures for VFR flights

6.1 Aircraft are forbidden to VFR approach procedure circle on N of RWY.

6.2 Visual separation implemented within ATS route of SHENYANG control area(at 6000m and below); visual separation and visual approach implemented within SHENYANG TMA and TWR control area.

7. VFR route

Nil

8. Other regulations

Nil

ZYTX AD 2.23 其它资料

鸟情资料

全年有鸟类活动。每年 3 月下旬—5 月下旬是春季鸟类迁徙期，9 月上旬—10 月下旬是秋季鸟类迁徙期。机场当局采取了驱赶措施，以减少鸟群活动。

ZYTX AD 2.23 Other information

Bird’s information

Activities of bird flocks take place all the year round. Late march to late may is birds migration season in spring, early september to late october is birds migration season in autumn. Aerodrome Authority resorts to dispersal methods to reduce bird activities.The details of bird activities as follows:

活动时间 Migratory Season	活动方向 Direction of activity	飞行高度 Flight height within AD
Late March-Late May	migrate S to N	Generally below 1000m, maximum altitude up to 3000-6300m, several can fly over 9000m.
Early September-Late October	migrate N to S	