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

ZSYT-烟台 / 蓬莱 YANTAI/Penglai

ZSYT 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	N37° 39.7'E120° 58.7' 1800m FM THR 05
2	方向、距离 Direction and distance from city	294° GEO, 43km from city center
3	标高 / 参考气温 Elevation/Reference temperature	47m / 29.3° C(JUL)
4	机场标高位置 / 高程异常 AD ELEV PSN/ geoid undulation	THR05/-
5	磁差 / 年变率 MAG VAR/Annual change	7° W(2014)/ -
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	Yantai International Airport CO. LTD. Chaoshui Town, economic and technological develpoment zone, Yantai City, Shandong Province, China TEL: 86-535-5139777 FAX: 86-535-5139020 Website: www.ytairport.cn Email: yntcaac@126.com
7	允许飞行种类 Types of traffic permitted(IFR/VFR)	IFR/VFR
8	机场性质 / 飞行区指标 Military or civil airport & Reference code	Civil/4E
9	备注 Remarks	Nil

ZSYT 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

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

1	货物装卸设施 Cargo-handling facilities	Platform trailer, container, paneling trailer, elevation platform, conveyor belt truck, luggage towing vehicle, fork-lift, tow tractor, freight processing system, wheelbarrow, lift truck, etc.
2	燃油 / 滑油牌号 Fuel/oil types	Jeta.1
3	加油设施 / 能力 Fuelling facilities/capacity	Oil tank(1000m3,5000m3, 10000m3), tank refueling vehicle, refueling pipeline&piping system
4	除冰设施 De-icing facilities	De-icers
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	Lifting jack applicable for B747.
7	备注 Remarks	Nil

ZSYT AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	Adjacent to AD
2	餐馆 Restaurants	At AD
3	交通工具 Transportation	Passenger's coaches, taxis, airport express
4	医疗设施 Medical facilities	First-aid equipment at AD, comprehensive hospital adjacent to AD (4 ambulances on duty)
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

ZSYT 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 tender, rapid intervention vehicle, foam tender, illumination truck, commander car, demolition rescue truck, logistics truck, ambulance, stretcher, first-aid case, defibrillator, transporter, spine-fixing plank,cardiopulmonary resuscitation machine
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	Mobile surface operation device, emergency tow truck rack, drag rod, emergency traction manual steering device, manual steering rod, tractor, cable traction, lifting equipment, emergency rescue airbag
4	备注 Remarks	Nil

ZSYT 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 blowers, snow scraper, snow fluid truck.
2	扫雪顺序 Clearance priorities	Runway, taxiways, aprons
3	备注 Remarks	Nil

ZSYT 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 80/R/B/W/T (Stands Nr. 103-115, 201-209, 203A, 301-319) PCN 64/R/B/W/T (Stands Nr. 101-102, 116-119)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	39m: D; 31m: C, E; 28.5m: A1-A4; 23m: A,B1-B3.
		Surface:	Cement concrete
		Strength:	PCN 80/R/B/W/T (Others) PCN 64/R/B/W/T (A1-A4)
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	

ZSYT 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 holding positions; Guide lines at all TWY and apron; Aircraft stand identification sign board for stands Nr.101-119, 201-209; Aircraft stand marking for stands Nr.301-319.	
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 marking
		RWY lights	Center line, edge line, THR, RWY end, wing bar
		TWY markings	Intermediate holding position, center line, edge line, RWY holding positions, No-entry marking
		TWY lights	Edge line, center line, RWY guard lights, rapid exit TWY indicator, intermediate holding position, No-entry lights
3	停止排灯 Stop bars	Nil	
4	备注 Remarks	Nil	

ZSYT AD 2.10 机场障碍物 Aerodrome obstacles

Obstacles within a circle with a radius of 15km centered on the 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	010	5600	95.9	
2	TWR	021	6782	78.1	
3	MT	063	1409	59.7	RWY23/VOR/DME，ILS/DME (GP INOP) final approach
4	BLDG	079	11400	323.9	RWY23/ base turn RWY23/ holding Sectors
5	BLDG	079	12081	272.3	
6	BLDG	079	12428	321.8	
7	TWR	080	14897	213.2	RWY23/ initial approach
8	Chimney	081	13441	260.1	
9	BLDG	082	11871	300.2	
10	TWR	091	6010	139.6	
11	MT	108	4186	165.8	
12	Antenna	120	8129	241.4	
13	TWR	129	2785	102.6	
14	TWR	149	5714	146.2	
15	TWR	150	5364	123.9	
16	BLDG	153	7125	262.0	
17	MT	154	12797	531.2	RWY23/ arrival Holding
18	TWR	156	5214	128.4	
19	TWR	157	6849	217.2	
20	BLDG	159	6935	285.6	
21	MT	160	2262	91.3	
22	BLDG	162	2230	97.1	
23	TWR	163	3559	155.5	
24	MT	168	8995	306.5	
25	MT	168	9113	315.8	
26	BLDG	169	7946	383.5	
27	BLDG	170	11518	395.4	
28	*BLDG	171	5558	151.2	
29	BLDG	171	8515	403.2	
30	MT	172	7220	256.2	
31	BLDG	172	10483	442.6	
32	BLDG	174	11299	436.7	
33	BLDG	176	11571	416.7	
34	TWR	179	4850	140.2	

Obstacles within a circle with a radius of 15km centered on the 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
35	TWR	183	10055	291.0	
36	MT	186	1619	85.0	RWY05/ ILS/DME(GP INOP) final approach
37	MT	186	11435	311.7	
38	MT	188	11253	372.4	
39	BLDG	187	13313	459.7	RWY23/ ILS/DME(GP INOP) ,VOR/DME missed approach/ departure turn.
40	TWR	196	3587	124.1	
41	Antenna	200	5466	136.8	RWY05/ VOR/DME final approach
42	MT	211	5537	96.8	
43	MT	219	3759	63.8	
44	MT	238	9289	245.7	RWY23/ departure RWY23/ take-off path
45	TWR	257	4235	88.3	Circling CAT A
46	MT	312	7955	251.0	
47	TWR	312	8348	307.8	RWY23/ arrival Circling CAT D
48	MT	315	4780	231.7	
49	BLDG	315	4942	269.5	Circling CAT B
50	BLDG	321	6904	270.8	RWY23/ initial approach Circling CAT C
51	MT	342	5097	151.2	
52	MT	353	5214	159.7	
Remarks:					

Obstacles between two circles with the radius of 15km and 50km centered on the 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	081	15203	112	
2	MT	106	35866	295	RWY23/ arrival
3	TWR	123	40299	470	RWY05/23/ arrival
4	MT	151	21680	384	
5	TWR	156	41633	653	RWY05/23/ arrival
6	BLDG	175	30458	454	
7	MT	179	50067	811	RWY23/ arrival
8	MT	179	41761	528	

Obstacles between two circles with the radius of 15km and 50km centered on the 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
9	MT	187	41675	577	
10	MT	193	41223	722	RWY05/ arrival RWY23/ PBN arrival
11	MT	200	41804	536	
12	Antenna	205	19059	205	
13	Antenna	206	17992	239	
14	Antenna	207	16222	223	
15	MT	207	35474	314	
16	MT	222	29481	420	
17	MT	223	32412	814	RWY05/ initial approach RWY05/ holding RWY23/ PBN missed approach & departure turn
18	MT	223	17087	251	RWY05/ Final approach SDF
19	MT	224	33616	723	
20	MT	227	35134	662	
21	TWR	227	20063	290	
22	Pole	228	15988	235	
23	TWR	230	15367	261	Take-off path
24	MT	233	28892	558	
25	MT	234	32098	534	
26	MT	239	26154	328	RWY05/ PBN intermediate approach
27	TWR	243	17458	292	
28	MT	248	25703	556	RWY05/ ILS/DME,GP INOP, VOR/DME intermediate approach
29	TWR	251	48243	827	RWY05/23 arrival
30	MT	253	23395	337	
31	MT	255	23697	371	
32	MT	259	38657	611	RWY05/23 arrival
33	MT	273	19937	442	
34	TWR	292	15555	465	RWY23/ arrival Holding for fix A
35	BLDG	294	30935	361	RWY05/ arrival
Remark:					

ZSYT 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	Yantai Penglai International Airport MET service 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	Yantai Penglai International Airport MET service office 9HR, 24 HR
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	P, T
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	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	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)	RVR EQPT: A:100m W of RCL, 351m inward THR05; B:100m W of RCL, 1780m inward THR05; C:100m W of RCL, 352m inward THR23. Ceilometer: RWY05: 15m W of RCL, 954m outward THR; RWY23: 15m E of RCL, 1260m outward THR. Automatic meteorological stations: RWY05: 110m W of RCL, 361m inward THR; RWY23: 110m W of RCL, 331m inward THR.
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

ZSYT 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
05	043° GEO 050° MAG	3400 × 45	Concrete/ Concrete 80/R/B/W/T	Nil	THR 47m
23	223° GEO 230° MAG	3400 × 45	Concrete/ Concrete 80/R/B/W/T	Nil	THR 44m
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	250 × 150
see AOC	Nil	Nil	3520 × 300	Nil	250 × 150
Remarks:					

ZSYT 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
1	2	3	4	5	6
05	3400	3400	3400	3400	Nil
23	3400	3400	3400	3400	Nil
Remarks:					

ZSYT 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
05	PALS CAT I* 900m LIH	Green Yes	PAPI Left/3°	Nil	3400m** spacing 30m	3400m*** spacing 60m	Red	Nil

跑道代号 RWY Designator	进近灯类型、长度、强度 APCH LGT type LEN INTST	入口灯颜色、翼排灯 THR LGT colour WBAR	目视进近坡度指示系统 (跑道入口最低眼高), 精密进近航道指示器 VASIS (MEHT) PAPI	接地地带灯长度 TDZ LGT LEN	跑道中心线灯长度、间隔、颜色、强度 RWY Center line LGT LEN, spacing, colour, INTST	跑道边灯长度、间隔、颜色、强度 RWY edge LGT LEN, spacing, colour, INTST	跑道末端灯颜色 RWY end LGT colour	停止道灯长度、颜色 SWY LGT LEN, colour
23	PALS CAT I* 900m LIH	Green Yes	PAPI Left/3°	Nil	3400m** spacing 30m	3400m*** spacing 60m	Red	Nil
Remarks: * SFL ** 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								

ZSYT 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/1 sec, diesel engine/ < 15 sec, UPS/ < 1 sec
5	备注 Remarks	Nil

ZSYT 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

ZSYT 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
Tower control area	N3751.0E12104.0- N3744.0E12114.0- N3728.0E12055.0- N3735.0E12045.0	GND-900m(QNH)	Nil
Terminal area	N3751.8E12020.7- N3744.2E12021.8- N3738.5E12021.8- N3725.6E12018.6- N3712.4E12055.3- N3718.5E12110.8- N3727.0E12110.8- N3735.8E12125.7- N3804.0E12125.7- N3804.0E12101.5- N3751.8E12020.6	Below 3600m(exclusive)	Nil
Altimeter setting region and TL/TH	Within Yantai approach control area	TL 3600m TA 3000m 2700m(QNH ⩽ 979hPa) 3300m(QNH ⩾ 1031hPa)	Nil

ZSYT 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		126.45	H24	Nil
APP	Yantai Approach	119.15 (120.85) ZSYTAP	H24	Nil
TWR	Yantai Tower	118.45(118.1)	H24	Nil
EMG		121.5	H24	Nil
GND	Yantai Ground	121.6	H24	

ZSYT 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
Penglai VOR/DME	YCS	116.4MHz CH 111X	N37° 40.7′ E121° 00.0′ RCL extended line,1295m outward THR23	48m	For departure&arrival procedure:17.9-18.5NM on R196° for VOR U/S. For departure procedure: 20.3-21.3NM on R007° for VOR U/S.
Tunli NDB	FZ	247kHz	N37° 27.1′ E121° 10.7′		Coverage 150km; 11-13NM on bearing 248° and 10-12NM on bearing 250° U/S.
LOC 05 ILS CAT I	IYN	108.9MHz			RCL extended line, 312m outward RWY05 end
GP 05		329.3MHz			Angle 3° , RDH 15m 120m W of RCL, 340m inward THR05
DME 05	IYN	CH 26X (108.9MHz)		50m	Co-located with GP
LOC 23 ILS CAT I	IYN	108.5MHz			RCL extended line, 312m outward RWY23 end
GP 23		329.9MHz			Angle 3° , RDH 15m 120m W of RCL, 310m inward THR23
DME 23	IYT	CH 22X (108.5MHz)		49m	Co-located with GP
Remarks:					

ZSYT AD 2.20 本场飞行规定

1. 机场使用规定

1.1 禁止未安装二次雷达应答机的航空器起降;

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;

ZSYT AD 2.20 Local traffic regulations

1. Airport operations regulations

1.1 Takeoff/landing of aircraft without SSR transponder are forbidden;

1.2 Each and every technical test 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 滑行道翼展限制 / Wing span limits for TWYs

滑行道 / TWYs	翼展限制 /Wingspan limit
A1-A4	<52m

3. 机坪和机位的使用

3. Use of aprons and parking stands

3.1 停机位对航空器限制 / Wing span limit for A/C parking on the stands

停机位 /Stands	航空器翼展限制 /Wing span limits for aircraft	滑入、滑出方式 /Enter or Exit
Nr.101,102,104,107,108,111-114,116-119,203,204,301-315,317,318	<36m	Taxi in and push back: Nr.101-119,201-209,203A; Taxi in and out by own power: Nr.301-319.
Nr.319	<39m	
Nr.103,105,109,110,115,201,202, 207,208,209,316	<52m	
Nr.106,205,203A,206	<65m	

3.2 203A号机位不可与203、204号机位同时使用；停靠203A、 205、 206号机位的航空器仅使用B3滑行道进入机坪。当203A、 205、 206号机位停靠E类航空器时，仅能使用B3道口滑出。

3.2 Stand 203A is forbidden to be used with stands Nr.203, 204 simultaneously; Aircraft parking at stands Nr.203A, 205, 206 via TWY B3 into apron only. Aircraft CAT E parking at stands Nr.203A, 205, 206 via TWY B3 taxi out only.

3.3 106、203A、205、206号机位的航空器滑入和推出时,推出等待点两侧的T1和T2滑行道不可用;208和209号停机位的航空器推出后,推出等待点两侧的T1和T2滑行道不可用;

3.3 When aircraft taxi in or pushed back from stands Nr.106, 203A, 205, 206, TWYs T1&T2 is unavailable for use; When aircraft pushed back from stands Nr.208, 209, TWYs T1&T2 is unavailable for use;

3.4 翼展大于等于 52m 的机型推出后，推出等待点两侧的T1 、 T2 滑行道不允许有航空器通过。

3.4 When aircraft with wing span ⩾ 52m pushed back, TWYs T1&T2 is unavailable for use;

3.5 101,102,104,107,112,113,115-117,119号机位不可供MD 系列机型使用； 105 号机位不可供 MD-90机型使用。

3.5 Stands Nr.101,102,104,107,112,113,115-117,119 are not available for aircraft MD; stand Nr.105 is not available for MD-90.

3.6 相邻机位禁止两架航空器同时运行。

3.6 Simultaneous operations are forbidden for two adjacent stands.

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

该机场所处区域的空域环境复杂。机场西、南面山较高，周边有多处风电风机。

8. Warning

The areodrome has a complex airspace enviornment. There are some generators nearby and high mountains in the west and south bound.

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

ZSYT AD 2.21 噪音限制规定及减噪程序

ZSYT AD 2.21 Noise restrictions and Noise abatement procedures

1. 起飞减噪程序

无

1. Noise abatement procedures for departure

Nil

ZSYT AD 2.22 飞行程序

ZSYT AD 2.22 Flight procedures

1. 总则

除经塔台特殊许可外，在机场塔台管制区内的飞行，必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 Tower Control.

2. 起落航线

起落航线限制在跑道西侧进行，A、B类航空器高度450米， C、 D类航空器550米。

2. Traffic circuits

Traffic circuits shall be made to the west of RWY, at the altitude of 450m for aircraft CAT A/B, or at the altitude of 550m for aircraft CAT C/D.

3. 仪表飞行程序

严格按照航图中公布的程序飞行。

3. IFR flight procedures

Strict adherence is required to the relevant procedures published.

4. 雷达程序和 / 或 ADS-B 程序

无

4. Radar procedures and/or ADS-B procedures

Nil

5. 无线电通信失效程序

5. Radio communication failure procedures

5.1 航空器失效程序

5.1 Aircraft communication failure

5.1.1 如果航空器具备信号接收能力，根据接收到的管制指令继续飞行;

5.1.1 If the radio receiver available, aircraft shall follow the instruction to fly;

5.1.2 如果航空器不具备信号接收能力，航空器应按照下列特定的进近程序继续进近并尽快落地；如果本场不具备落地条件，飞行员可自行决定返航或者备降;

5.1.2 If the radio receiver not available, aircraft shall continue to approach according to the following specific procedures and land as soon as possible; If the condition of airport is not available for landing, the aircraft can decide to return or alternate by themselves;

5.1.2.1 向北着陆

5.1.2.1 Landing to north

航空器按照最后接收到的管制指令高度进近，如果已经过起始进近定位点且加入程序，可以按照05号跑道仪表进近图着陆。如果未过起始进近定位点，保持指令高度飞向起始进近定位点，进入标准等待程序，待二次过起始进近定位点后，下降至起始进近高度，然后按05号跑道仪表进近图着陆。

Aircraft approach according to the last command by ATC, land according to RWY05 STAR if it has passed IAF and joined procedure, maintain the designated ALT and fly to IAF to join standard holding procedure if it has not passed IAF, descend to the initial approach altitude and land according RWY05 instrument approach procedure when has passed IAF twice.

5.1.2.2 向南着陆

5.1.2.2 landing to south

航空器按照最后接收到的管制指令高度进近，如果已经过起始进近定位点且加入程序，可以按照23号跑道仪表进近图着陆。如果未过起始进近定位点，保持指令高度飞向YCS台，进入标准等待程序，然后下降至修正海压1800米保持，再次过YCS后，按23号跑道仪表进近图着陆;

Aircraft approach according to the last command by ATC, land according to RWY23 STAR if it has passed IAF and joined procedure, maintain the designated ALT and fly to YCS to join standard holding procedure if it has not passed IAF, then descend and maintain on QNH1800m , land according RWY23 instrument approach procedure when has passed YCS;

5.2 本场通信失效

5.2 Aerodrome communication failure

本场无线电收发功能失效，航空器无法与管制单位建立有效的通讯联系时，航空器应联系上一管制单位，并按照接收管制单位的管制指令继续飞行;

If aircraft cannot establish communication with the aerodrome control unit, aircraft shall contact the previous control unit, and follow the instruction to continue;

5.3 无线电通信恢复

5.3 Radio communication resume to normal

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

Radio communication return to normalIt is available to resume activities when the aircraft that lose touch via Communication Channel has landed or get in touch again. Inform the ATC office immediately.

6. 目视飞行程序

6. Procedures for VFR flights

无

Nil

7. 目视飞行航线

7. VFR route

无

Nil

8. 目视参考点

8. Visual reference point

无

Nil

9. 其它规定

9. Other regulations

无

Nil

10. 区域导航飞行程序相关数据

10. Data for RNAV flight procedures

Waypoint list

ID	COORDINATES	ID	COORDINATES

PL204	N372920 E1204701	PL409	N375500 E1205641
PL205	N372619 E1204336	NIXEP	N381500 E1205918
PL206	N371910 E1204937	IGDEG	N380024 E1204818
PL208	N372410 E1212209	KARPI	N381500 E1204300
PL209	N374413 E1202146	WEH	N371100 E1221336
PL210	N373827 E1202146	GUMED	N380100 E1203418
PL214	N373404 E1205224	REPOL	N373530 E1194042
PL215	N373209 E1203841	YCS	N374042 E1210000
PL403	N374728 E1210744	FZ	N372706 E1211042
PL404	N374350 E1211246	HCH	N373918 E1203236
PL405	N373352 E1210121	OSVEN	N381500 E1202112
PL407	N375106 E1210242	DOVIV	N380642 E1193200
PL408	N375501 E1205133		

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (kt)	VPA/ TCH	Navigation Specification
RWY05 Departure NIX-61X								
CF	PL403		050		↑ 650			RNP1
TF	PL407				↑ 1000	MAX205		RNP1
TF	PL409				↑ 1800			RNP1
TF	IGDEG				3000			RNP1
TF	NIXEP							RNP1
RWY05 Departure OSV-61X								
CF	PL403		050		↑ 650			RNP1
TF	PL407				↑ 1000	MAX205		RNP1
TF	HCH				3000			RNP1
TF	OSVEN							RNP1
RWY05 Departure DOV-61X								
CF	PL403		050		↑ 650			RNP1
TF	PL407				↑ 1000	MAX205		RNP1
TF	HCH				3000			RNP1
TF	PL209				↑ 3900			RNP1
TF	DOVIV							RNP1
RWY05 Departure REP-61X								
CF	PL403		050		↑ 650			RNP1

TF	PL407				↑ 1000	MAX205		RNP1
TF	HCH				3000			RNP1
TF	PL210				↑ 3900			RNP1
TF	REPOL							RNP1
RWY05 Departure WEH-61X								
CA			050		400			RNP1
CF	PL405		228	R	↑ 1200	MAX205		RNP1
TF	FZ				3300 or by ATC			RNP1
TF	PL208				4200			RNP1
TF	WEH							RNP1
RWY05 Departure holding(outbound time:1min)								
HM	PL407	Y	320	R				RNP1
HM	PL405	Y	228	L		MAX205		RNP1
RWY23 Departure NIX-62X								
CF	PL214	Y	230		↑ 500			RNP1
CF	YCS		012	L	↑ 1500	MAX205		RNP1
TF	PL408				↑ 1800			RNP1
TF	IGDEG				3000			RNP1
TF	NIXEP							RNP1
RWY23 Departure OSV-62X								
CF	PL214	Y	230		↑ 500			RNP1
CF	YCS		012	L	↑ 1500	MAX205		RNP1
TF	HCH				3000			RNP1
TF	OSVEN							RNP1
RWY23 Departure OSV-64X								
CF	PL214	Y	230		↑ 500			RNP1
DF	PL205				↑ 1200	MAX205		RNP1
TF	HCH				3000			RNP1
TF	OSVEN							RNP1
RWY23 Departure DOV-62X								
CF	PL214	Y	230		↑ 500			RNP1
CF	YCS		012	L	↑ 1500	MAX205		RNP1
TF	HCH				3000			RNP1
TF	PL209				↑ 3900			RNP1
TF	DOVIV							RNP1

RWY23 Departure DOV-64X								
CF	PL214	Y	230		↑ 500			RNP1
DF	PL205				↑ 1200	MAX205		RNP1
TF	HCH				3000			RNP1
TF	PL209				↑ 3900			RNP1
TF	DOVIV							RNP1
RWY23 Departure REP-62X								
CF	PL214	Y	230		↑ 500			RNP1
CF	YCS		012	L	↑ 1500	MAX205		RNP1
TF	HCH				3000			RNP1
TF	PL210				↑ 3900			RNP1
TF	REPOL							RNP1
RWY23 Departure REP-64X								
CF	PL214	Y	230		↑ 500			RNP1
DF	PL205				↑ 1200	MAX205		RNP1
TF	HCH				3000			RNP1
TF	PL210				↑ 3900			RNP1
TF	REPOL							RNP1
RWY23 Departure WEH-62X								
CF	PL214	Y	230		↑ 500			RNP1
DF	PL205				↑ 1200	MAX205		RNP1
TF	PL206							RNP1
TF	FZ				3300 or by ATC			RNP1
TF	PL208				4200			RNP1
TF	WEH							RNP1
RWY23 Departure WEH-64X								
CF	PL214	Y	230		↑ 500			RNP1
DF	FZ			L	3300 or by ATC	MAX205		RNP1
TF	PL208				4200			RNP1
TF	WEH							RNP1
RWY23 Departure holding(outbound time: 1min)								
HM	PL206	Y	154	L		MAX205		RNP1
RWY05 Arrival KAR-51F								
IF	KARPI							RNP1

TF	GUMED							RNP1
TF	HCH				3600			RNP1
TF	PL215				↑ 2100	MAX205		RNP1
RWY05 Arrival OSV-51F								
IF	OSVEN							RNP1
TF	HCH				3600			RNP1
TF	PL215				↑ 2100	MAX205		RNP1
RWY05 Arrival DOV-51F								
IF	DOVIV							RNP1
TF	PL209				↑ 4200			RNP1
TF	HCH				3600			RNP1
TF	PL215				↑ 2100	MAX205		RNP1
RWY05 Arrival REP-51F								
IF	REPOL							RNP1
TF	PL210				↑ 4200			RNP1
TF	HCH				3600			RNP1
TF	PL215				↑ 2100	MAX205		RNP1
RWY05 Arrival WEH-51F								
IF	WEH							RNP1
TF	PL208				4500			RNP1
TF	FZ				3600 or by ATC			RNP1
TF	Pl206				2400	MAX205		RNP1
RWY05 Approach transition via PL206								
IF	PL206				2400	MAX205		RNP1
TF	PL205				↑ 1500			RNP1
TF	PL204				1150			RNP1
RWY05 Approach transition via PL215								
IF	PL215				↑ 2100	MAX205		RNP1
TF	PL205				↑ 1500			RNP1
TF	PL204				1150			RNP1
RWY05 Holding(outbound time: 1min)								
HM	PL206	Y	334	R	2400	MAX216		RNP1
HM	PL215	Y	154	L	2100	MAX216		RNP1
RWY23 Arrival KAR-52F								
IF	KARPI							RNP1

TF	GUMED							RNP1
TF	PL408				↑ 1800			RNP1
TF	PL407				↑ 900	MAX205		RNP1
RWY23 Arrival OSV-52F								
IF	OSVEN							RNP1
TF	HCH				3600			RNP1
TF	PL407				↑ 900	MAX205		RNP1
RWY23 Arrival DOV-52F								
IF	DOVIV							RNP1
TF	PL209				↑ 4200			RNP1
TF	HCH				3600			RNP1
TF	PL407				↑ 900	MAX205		RNP1
RWY23 Arrival REP-52F								
IF	REPOL							RNP1
TF	PL210				↑ 4200			RNP1
TF	HCH				3600			RNP1
TF	PL407				↑ 900			RNP1
RWY23 Arrival WEH-52F								
IF	WEH							RNP1
TF	PL208				4500			RNP1
TF	FZ				3600 or by ATC			RNP1
TF	PL405				↑ 2400	MAX205		RNP1
RWY23 Approach transition via PL405								
IF	PL405				↑ 2400	MAX205		RNP1
TF	PL404				↑ 1100			RNP1
TF	PL403				600			RNP1
RWY23 Approach transition via PL407								
IF	PL407				↑ 900	MAX205		RNP1
TF	PL403				600			RNP1
RWY23 Holding(outbound time: 1min)								
HM	PL405	Y	050	R	2400	MAX216		RNP1
HM	PL407	Y	140	R	1200	MAX216		RNP1

ZSYT 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,以减少鸟群活动。

ZSYT AD 2.23 Other information

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

Type of bird	Time of activity	Flight height within AD
Egret, aigret	Spring & Summer:2300-0000, 0800-1030	20-30m
Ringdove	Autumn & Winter:1100-2100	20m
Hawk	Autumn & Winter:1100-2100	50m
Owl	Autumn & Winter:1100-2100	40m