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

ZLIC/INC-银川/河东 YINCHUAN/Hedong

ZLIC 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	N38°19.2′ E106°23.6′ RWY center
2	机场基准点与城市的位置关系 Direction and distance from city	147 °GEO, 18.7km from old city drum-tower
3	机场标高、基准温度、低温均值 ELEV/Reference temperature/Mean low temperature	1141.3 m/31.2℃(JUL)/-13.9℃(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	2°49′W(2014)/4′18″
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	Ningxia airport CO.LTD of China West Airport Group Yinchuan Hedong International Airport Post code:750009 TEL:86-951-6912293 Website:www.ningxiaairport.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

ZLIC 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	H24
3	卫生健康部门 Health and sanitation	H24
4	航空情报服务讲解室 AIS Briefing Office	H24
5	空中交通服务报告室 ATS Reporting Office	H24
6	气象服务讲解室 MET Briefing Office	H24

7	空中交通服务 Air Traffic Service	H24
8	加油服务 Fuelling	H24
9	地勤服务 Handling	H24
10	安保服务 Security	H24
11	除冰服务 De-icing	H24
12	备注 Remarks	Nil

ZLIC 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, bulk cargo platform lorry, container tractor, container cargo loader, multi-functional collection paneling, bulk cargo loader, fork, pallet carry vehicle
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, 35000L, 45000L), 25L/s; hydrant dispenser, 17L/s; Apron refueling well for stands Nr. 1A, 1-22, 53-64, 101, 102, 303, 304, 17L/s
5	除冰设施 De-icing facilities	South deicing apron 7 De-icers, deicing fluid filling vehicle, deicing fluid filling station, de-icing fluid
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 various type of aircraft on request, ladder, lifting jack(14t, 60t, 90t), vehicle, tools
8	备注 Remarks	Ground power unit, ground air supply unit

ZLIC AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	At AD and in the city
2	餐饮 Restaurants	At AD and in the city

3	交通工具 Transportation	Passenger's coaches, taxies, high-speed railway
4	医疗设施 Medical facilities	First aid at AD, hospitals in the city
5	银行和邮局 Bank and Post Office	At AD and in the city
6	旅行社 Tourist Office	At AD and in the city
7	备注 Remarks	Nil

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

1	机场消防等级 AD category for fire fighting	CAT 8
2	援救设备 Rescue equipment	Fire fighting facilities: rapid intervention vehicle, primary foam tender, heavy-duty foam tender, illumination truck, disassembly rescue truck, fire fighting command car, rescue command car, rescue logistics truck. Rescue equipment: life-saving air-cushion, toothless cutting saw, breathing apparatus, emergency rescue fork
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTWA up to B737-900, uplift air cushion, lifting equipment, traction rack, aircraft tie-down equipment, mobile surface operation devices, sleeper.
4	备注 Remarks	Nil

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

ZLIC 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 1220/R/A/W/T : Stands Nr.11-15 PCR 1210/R/A/W/T : Apron Nr.3, Stands Nr.16-22, 62-64, 101-105, 105B PCR 1180/R/A/W/T : Stands Nr.303, 304 PCR 1170/R/A/W/T : Cargo apron, South deicing apron, Stands Nr.301, 302 PCR 1060/R/A/W/T : Stands Nr.6-10 PCR 1050/R/A/W/T : Apron Nr.2, Stands Nr.53-61

			PCR 930/R/A/W/T : Apron Nr.1, Stands Nr.1A, 1-5
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	宽度 Width	38m : A2, A8, D3-D5 34m : A5, A6, A9, D2 30.5m : A4, A10 28.8m : D1 28.5m : A1, A3, A7 23m : A
		道面 Surface	ASPH : A2, A4, A8 CONC : A, A1, A3, A5-A7, A9, A10, D1-D5, T1-T6
		强度 Strength	PCR 1220/R/A/W/T : A10, D3, T2(BTN D3 & D4), T3 PCR 1210/R/A/W/T : D4, D5, T1(S of D3) PCR 1180/R/A/W/T : T6 PCR 1170/R/A/W/T : T5 PCR 1060/R/A/W/T : T2(BTN D2 & D3) PCR 1050/R/A/W/T : T1(BTN D1 & D3) PCR 1030/R/A/W/T : A5, A6 PCR 1020/R/A/W/T : A, A1 PCR 1010/R/A/W/T : A9 PCR 990/F/B/X/T : A8 PCR 970/F/B/X/T : A2, A4 PCR 970/R/A/W/T : D2 PCR 960/R/A/W/T : D1 PCR 930/R/A/W/T : T2(BTN D1 & D2), T4 PCR 840/R/A/W/T : A7 PCR 830/R/A/W/T : A3
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	TWY A shoulder width 11.4m	

ZLIC 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. Aircraft stand identification sign boards at all stands. Guide lines at all TWYs. Guide lines at all aprons. Marshalling assistance for all aircraft stands.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	跑道标志 RWY markings	Pre-threshold area, 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, No-entry, RWY holding position, intermediate holding position
		滑行道灯光 TWY lights	Edge line lights, center line lights , intermediate holding position lights
3	停止排灯和跑道警戒灯 Stop bars and runway guard lights	Runway guard lights: A1, A2, A8-A10	
4	其它跑道保护措施 Other runway protection measures	Nil	
5	备注 Remarks	Blue apron edge line lights, Red OBST lights, De-icing/anti-icing facility exit lights (yellow)	

ZLIC AD 2.10 机场障碍物 Aerodrome obstacles

半径 15 千米内主要障碍物 (相对机场 ARP)
Obstacles within a circle with a radius of 15km (centered on the ARP)

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
ELECTRICAL_EXIT_LIGHT 001	ELECTRICAL_EXIT_LIGHT	021/1682	1150.1	LGT	
ELECTRICAL_EXIT_LIGHT 002	ELECTRICAL_EXIT_LIGHT	021/1771	1149.6	LGT	
Antenna 003	Antenna	032/2060	1128.7	LGT	

半径 15 千米内主要障碍物 (相对机场 ARP)

Obstacles within a circle with a radius of 15km (centered on the ARP)

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
Antenna 004	Antenna	032/3435	1141	LGT	RWY21 GP INOP、VOR/DME
ELECTRICAL_EXIT_LIGHT 005	ELECTRICAL_EXIT_LIGHT	032/3855	1153.5	LGT	
ELECTRICAL_EXIT_LIGHT 006	ELECTRICAL_EXIT_LIGHT	034/3768	1154.6	LGT	
ELECTRICAL_EXIT_LIGHT 007	ELECTRICAL_EXIT_LIGHT	034/3906	1156.4	LGT	
ELECTRICAL_EXIT_LIGHT 008	ELECTRICAL_EXIT_LIGHT	035/3409	1154.3	LGT	RWY03 Take-off path
ELECTRICAL_EXIT_LIGHT 009	ELECTRICAL_EXIT_LIGHT	035/3670	1156.3	LGT	
ELECTRICAL_EXIT_LIGHT 010	ELECTRICAL_EXIT_LIGHT	036/3521	1157.2	LGT	RWY03 Take-off path
ELECTRICAL_EXIT_LIGHT 011	ELECTRICAL_EXIT_LIGHT	036/3674	1160.7	LGT	RWY03 Take-off path
SIGN 012	SIGN	036/3832	1156.4		
ELECTRICAL_EXIT_LIGHT 013	ELECTRICAL_EXIT_LIGHT	036/3911	1159.2	LGT	
Iron TWR 014	Iron TWR	036/4288	1163.6		RWY03 take-off path
Antenna 015	Antenna	037/1518	1143	LGT	

半径 15 千米内主要障碍物 (相对机场 ARP)
Obstacles within a circle with a radius of 15km (centered on the ARP)

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
ELECTRICAL_EXIT_LIGHT 016	ELECTRICAL_EXIT_LIGHT	037/3821	1159.6	LGT	
STACK 017	STACK	074/13846	1293.7		
BLDG 018	BLDG	084/2888	1197		Circling CAT A
STACK 019	STACK	097/11691	1455		
MT 020	MT	110/6464	1305		
MT 021	MT	117/2076	1185		
STACK 022	STACK	122/10417	1454.3		
STACK 023	STACK	137/12116	1341		
MT 024	MT	155/9032	1415		Circling CAT C
MT 025	MT	163/5335	1264		Circling CAT B
MT 026	MT	164/10922	1512		Circling CAT D
MT 027	MT	166/11327	1447		
BLDG 028	BLDG	178/2224	1185.3	LGT	
MT 029	MT	182/5747	1248		RWY03 VOR/DME
MT 030	MT	184/7257	1291		

半径 15 千米内主要障碍物 (相对机场 ARP)
Obstacles within a circle with a radius of 15km (centered on the ARP)

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 031	MT	184/10659	1241		
MT 032	MT	186/2310	1183		
Pole 033	Pole	204/2560	1159		
Antenna 034	Antenna	207/1510	1156	LGT	
MT 035	MT	207/7179	1187		RWY03 GP INOP
Antenna 036	Antenna	212/2060	1142.5	LGT	
BLDG 037	BLDG	213/2965	1159.1		RWY21 take-off path
Iron TWR 038	Iron TWR	214/4233	1185.9	LGT	RWY21 take-off path
Iron TWR 039	Iron TWR	214/4623	1187	LGT	RWY21 take-off path
Iron TWR 040	Iron TWR	216/3342	1162.6	LGT	RWY21 take-off path
ELECTRICAL_EXIT_LIGHT 041	ELECTRICAL_EXIT_LIGHT	221/1956	1157.6	LGT	
ELECTRICAL_EXIT_LIGHT 042	ELECTRICAL_EXIT_LIGHT	223/1968	1157.3	LGT	
ELECTRICAL_EXIT_LIGHT 043	ELECTRICAL_EXIT_LIGHT	225/1780	1162.7	LGT	
ELECTRICAL_EXIT_LIGHT 044	ELECTRICAL_EXIT_LIGHT	226/1697	1163	LGT	

半径 15 千米内主要障碍物 (相对机场 ARP)
Obstacles within a circle with a radius of 15km (centered on the ARP)

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
ELECTRICAL_EXIT_LIGHT 045	ELECTRICAL_EXIT_LIGHT	229/1096	1158.2	LGT	
ELECTRICAL_EXIT_LIGHT 046	ELECTRICAL_EXIT_LIGHT	230/1019	1157.8	LGT	
ELECTRICAL_EXIT_LIGHT 047	ELECTRICAL_EXIT_LIGHT	231/943	1157.7	LGT	
ELECTRICAL_EXIT_LIGHT 048	ELECTRICAL_EXIT_LIGHT	242/618	1156.5	LGT	RWY03 ILS/DME
ELECTRICAL_EXIT_LIGHT 049	ELECTRICAL_EXIT_LIGHT	246/559	1156.3	LGT	
ELECTRICAL_EXIT_LIGHT 050	ELECTRICAL_EXIT_LIGHT	250/503	1156	LGT	
ELECTRICAL_EXIT_LIGHT 051	ELECTRICAL_EXIT_LIGHT	259/422	1155.3	LGT	
ELECTRICAL_EXIT_LIGHT 052	ELECTRICAL_EXIT_LIGHT	267/376	1155.1	LGT	
BLDG 053	BLDG	270/780	1160.7	LGT	
ELECTRICAL_EXIT_LIGHT 054	ELECTRICAL_EXIT_LIGHT	278/340	1155	LGT	
TOWER 055	TOWER	287/1234	1199.2	LGT	

半径 15 千米内主要障碍物 (相对机场 ARP)

Obstacles within a circle with a radius of 15km (centered on the ARP)

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
ELECTRICAL_EXIT_LIGHT 056	ELECTRICAL_EXIT_LIGHT	290/317	1154.9	LGT	
ELECTRICAL_EXIT_LIGHT 057	ELECTRICAL_EXIT_LIGHT	310/313	1154.9	LGT	
ELECTRICAL_EXIT_LIGHT 058	ELECTRICAL_EXIT_LIGHT	322/330	1154.6	LGT	
ELECTRICAL_EXIT_LIGHT 059	ELECTRICAL_EXIT_LIGHT	332/359	1154.3	LGT	RWY21 ILS/DME
TOWER 060	TOWER	334/734	1186	LGT	

半径 15 千米-50 千米内主要障碍物 (相对机场 ARP)

Obstacles between two circles with the radius of 15km and 50km (centered on the ARP)

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
STACK 061	STACK	018/27591	1318		
MT 062	MT	060/26144	1218		
MT 063	MT	063/39849	1320		
MT 064	MT	070/25854	1293		
MT 065	MT	074/29864	1327		

半径 15 千米-50 千米内主要障碍物 (相对机场 ARP)

Obstacles between two circles with the radius of 15km and 50km (centered on the ARP)

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 066	STACK	080/30148	1543		
MT 067	MT	082/43182	1414		
MT 068	MT	097/34523	1351		
MT 069	MT	106/15548	1236		
STACK 070	STACK	128/16975	1496		
STACK 071	STACK	130/44670	1514		
MT 072	MT	132/33222	1443		
STACK 073	STACK	134/25075	1500		
MT 074	MT	138/46749	1453		
STACK 075	STACK	143/32362	1466		
STACK 076	STACK	148/19831	1494		
STACK 077	STACK	149/34900	1547		
STACK 078	STACK	153/35787	1530		
MT 079	MT	159/32105	1435		
MT 080	MT	162/52423	1626		sector
MT 081	MT	171/15802	1411		

半径 15 千米-50 千米内主要障碍物 (相对机场 ARP)
Obstacles between two circles with the radius of 15km and 50km (centered on the ARP)

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 082	MT	173/47439	1468		
STACK 083	STACK	181/26277	1444		
STACK 084	STACK	192/18793	1326		
TOWER 085	TOWER	193/18792	1335		
STACK 086	STACK	211/47780	1340		
MT 087	MT	279/48764	1803		
BLDG 088	BLDG	301/27577	1230		
MT 089	MT	306/53386	3150		sector
TOWER 090	TOWER	308/28574	1297		
BLDG 091	BLDG	315/22130	1246		

Remarks:

ZLIC 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	Ningxia ATMB MET Observatory
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	Ningxia ATMB MET Observatory;24h;6h

	validity/Interval of issuance	
4	趋势预报及发布间隔 Trend forecast/Interval of issuance	trend 1h
5	所提供的讲解或咨询服务 Briefing/Consultation provided	Briefing provided: P, T Consultation provided: P, T
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, significant weather charts, upper W/T charts, satellite and radar material, AWOS real-time data
8	提供气象情报的辅助设备 Supplementary equipment available for providing information	FAX, MET Service Terminal, meteorological radar echoes monitor, satellite cloud monitor, AWOS data monitor.
9	提供气象情报的空中交通服务单位 ATS units provided with information	APP, ARO, TWR
10	其他信息 Additional information	TEL: 86-951-6911236
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	Hourly plus special observation/Yes
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(TEND)
3	观测系统及安装位置 Observation system/Site(s)	RVR EQPT(ATI) A: 90m E of RCL, 368m inward THR03; B: 90m E of RCL, 1800m inward THR21; C: 95m E of RCL, 300m inward THR21. RVR EQPT(FD12P) 90m E of RCL, 300m inward THR21. RVR EQPT(FS11) A: 100m E of RCL, 368m inward THR03; B: 100m E of RCL, 1800m inward THR21; C: 100m E of RCL, 300m inward THR21. SFC wind sensors 03: 110m E of RCL,338m inward THR; RWY center: 110m E of RCL,1800m inward THR 21: 110m E of RCL,300m inward THR Ceilometer 03: 115m W of RCL,260m outward THR.

		21: 115m W of RCL,260m outward THR.
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

ZLIC 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
03	029 °GEO 032 °MAG	3600×45	PCR 1010/R/A/W/T CONC/-	Nil	THR 1139.9m	0.47%(300m)/-0.45%(3300m)
21	209 °GEO 212 °MAG	3600×45	PCR 1010/R/A/W/T CONC/-	Nil	THR 1126.6m	0.45%(3300m)/-0.47%(300m)
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
03	Nil	Nil	3720×280	240×150	Nil	Nil
21	Nil	Nil	3720×280	240×120	Nil	Nil
Remarks: 1.RWY shoulder: 7.5m each side; 2.Anti-blast pad: RWY03: 120m×60m, RWY21: 60m×60m.						

ZLIC 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
03	3600	3600	3600	3600	Nil
03	3200	3200	3200	3600	FM A9
21	3600	3600	3600	3600	Nil
21	3400	3400	3400	3600	FM A2

ZLIC 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
03	PALS CAT I SFL 900 m LIH	GREEN Yes	PAPI LEFT 366m inward THR03 3° 18.9m	Nil	3600 m spacing 30m 0-2700m, WHITE 2700-3300m, RED/WHITE 3300-3600m, RED VRB LIH	3600 m spacing 60m 0-3000m, WHITE 3000-3600m, YELLOW VRB LIH	RED	Nil
21	PALS CAT I SFL 900 m LIH	GREEN Yes	PAPI LEFT 340m inward THR21 3° 18.3m	Nil	3600 m spacing 30m 0-2700m, WHITE 2700-3300m, RED/WHITE 3300-3600m, RED VRB LIH	3600 m spacing 60m 0-3000m, WHITE 3000-3600m, YELLOW VRB LIH	RED	Nil
Remarks: Nil								

ZLIC 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: RWY03:130m east of center line, 366m inward THR, LGT; RWY21:130m east of center line, 360m inward THR, 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/1s, diesel dynamotor/15s, UPS available
5	备注 Remarks	Nil

ZLIC 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

ZLIC 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
Yinchuan tower control area	A region bounded by 2 parallel lines 10km to RCL and 2 lines vertical to RCL 15km away from RWY center.	SFC to 1800m(QNH)				

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	N385444E1063628-AGVEN-DOXED-MIMOK-IDGOB-DOMVA-N374453E1054307-N385444E1063628	TL 3600m TA 3000m 3300m(QNH≥1031hPa) 2700m(QNH≤979hPa)				

ZLIC 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		126.65			H24	
APP	Yinchuan Approach	APP01:124.05 (119.1)			H24	
		APP02:125.6 (119.1)			0000-1000	Contact APP01 when APP02 U/S.
		APP03:126.075 (119.1)			by ATC	Contact APP02 when APP03 U/S.
		APP04:119.4 (119.1)			by ATC	Contact APP01 when APP04 U/S.
TWR	Yinchuan Tower	118.35 (130.0)			H24	
GND	Yinchuan Ground	121.8			2300-1400(NEXT DAY) or by ATC	
APN	Yinchuan Apron	121.95			H24	
OP-CTL	Yinchuan Operation Control	121.6			HS	
EMG		121.5			H24	

ZLIC 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
Wuzhong VOR/DME	DWZ	112.4 MHz CH 71X	H24	N37°55.3′ E106°20.6′	1103 m	
Yinchuan VOR/DME	YHD	112.0 MHz CH 57X	H24	N38°20.8′ E106°24.6′	1141 m	For VOR: BTN 24.5-29.5NM on R294 ° U/S
NDB	V	249 kHz	H24	N38°20.5′ E106°24.4′ 032 °MAG/1000m FM THR21		
LOC 03 ILS CAT I	ITY	109.3 MHz		032 °MAG/260m FM RWY03 end		Beyond 030 °rightside of front course U/S
GP 03		332.0 MHz		120m E of RCL, 302m inside THR03		Angle 3 °, RDH 16.9m
DME 03	ITY	CH 30X (109.3 MHz)		125m E of RCL, 304m inward THR03	1146m	Co-located with GP 03
LOC 21 ILS CAT I	IVO	108.5 MHz		212 °MAG/260m FM RWY21 end		
GP 21		329.9 MHz		120m E of RCL, 285m inside THR21		Angle 3 °, RDH 15m
DME 21	IVO	CH 22X (108.5 MHz)		125m E of RCL, 287m inward THR21	1132m	Co-located with GP 21

ZLIC AD 2.20 本场规定

1. 机场使用规定

1.1 本机场不提供航空汽油，如需加油应提前与中航油西北公司联系申请计划。

ZLIC AD 2.20 Local aerodrome regulations

1.Airport operations regulations

1.1 Aviation gasoline not supplied. If necessary, pilot shall apply for gasoline with China Aviation Oil Supply Northewest Corporation in advance.

1.2 本场实施机坪运行管理，银川机坪负责机坪内航空器的推出、开车、滑行、停放、拖曳等工作。银川地面负责所有航空器放行许可的发布，当银川塔台与地面合并后，由银川塔台负责。

1.2 Yinchuan APN is responsible for aircraft push-back, start-up, taxi, park, drag and other operations. Aircraft shall contact Yinchuan GND for delivery clearance. Yinchuan TWR is available for delivery clearance when merge with Yinchuan GND.

1.3 离港航空器的操作程序

1.3 Procedure for departing aircraft

1.3.1 机组向银川地面申请放行许可。

1.3.1 Apply for delivery clearance from Yinchuan GND.

1.3.2 银川地面指挥已放行航空器脱波联系银川机坪，航空器准备好后向银川机坪申请推出开车。

1.3.2 Contact Yinchuan APN and apply for push-back and start-up clearance from APN when aircraft standby.

1.3.3 滑出由银川机坪指挥航空器滑至移交点，移交银川塔台指挥。

1.3.3 Taxi to hand over point under Yinchuan APN's instruction, then contact Yinchuan TWR.

1.4 进场航空器的操作程序

1.4 Procedure for arriving aircraft

1.4.1 银川塔台将脱离跑道的航空器指挥至移交点，由银川机坪继续指挥。

1.4.1 Vacate and taxi to hand over point under Yinchuan TWR's instruction, then contact Yinchuan APN.

2. 跑道和滑行道的使用

2. Use of runways and taxiways

2.1 跑道运行规定

2.1 Regulations for the use of RWYs

2.1.1 跑道起飞、着陆使用规定

2.1.1 Regulations for the use of RWYs take-off and landing

2.1.1.1 通常情况下,起飞航空器从等待位置到对正跑道时间应控制在 60s 以内；着陆航空器从接地到滑出跑道应控制在 50s 以内；如需更长时间占用跑道，应尽早通知管制员。

2.1.1.1 Normally, departure aircraft shall finish RWY alignment within 60s from holding position; landing aircraft shall fully vacate RWY within 50s after touchdown; if it takes longer time to take up the runway, pilot shall inform ATC as early as possible.

2.1.1.2 机组须使用顺向快速联络道，尽快脱离跑道。

2.1.1.2 Flight crew shall vacate RWY as soon as possible via rapid exit TWY.

2.1.2 跑道更换方向规定

2.1.2 Regulations for RWY direction change

2.1.2.1 顺风分量持续大于 3.5 m/s 时，管制部门需要

2.1.2.1 If downwind speed is continuously more than

对跑道运行方向进行转换。

2.1.2.2 在转换跑道方向时，管制可根据运行情况，短时安排航空器使用顺风分量大于 3.5m/s 但不大于 5m/s 起降，但需通知航空器驾驶员。如不能接受，航空器驾驶员应尽早通知管制部门。

2.1.3 非全跑道起飞运行规定

2.1.3.1 航空器驾驶员提出非全跑道起飞申请后，管制员可根据实际情况批准并提供管制服务。

2.1.3.2 塔台根据跑道实际运行情况，将安排航空器由 A9/A2 进入 RWY03/21 使用非全跑道起飞，如航空器驾驶员不能接受非全跑道起飞，应告知管制员。

2.2 滑行道使用规定

2.2.1 滑行道使用限制：

3.5m/s, ATC need to change direction of RWY in use.

2.1.2.2 When changing the direction of RWY in use, ATC can instruct aircraft to take off or land with 3.5m/s ＜downwind speed ≤5m/s for short time. Inform ATC as soon as possible if flight crew cannot accept it.

2.1.3 Partial RWY take-off regulations

2.1.3.1 After flight crew apply for partial RWY to take off, ATC can approve and provide air traffic control service according to the situation.

2.1.3.2 The TWR controller can command aircraft to enter RWY03/21 via TWY A9/A2 by using partial RWY for take-off. Inform ATC if flight crew cannot accept it.

2.2 Regulations for the use of TWYs

2.2.1 Limits for TWYs

滑行道/TWYs	滑行道翼展限制/Wing span limits for TWYs
T1, T5, T6, D1(BTN T1&T2)	<65m
T4	52m≤wing span<65m
T2, D2-D4(BTN T1&T2), D5(BTN T1&T3)	<52m
T3, D5(west of T3)	<36m

2.2.2 滑行道其他规定

2.2.2.1 A330-300 机型在 A3、A7 滑行道运行时需采用“过滑偏置转弯”。

2.2.2.2 B747-100、B747-200、B747-300、B747-400、B777-200、B777-200ER、B777-300、B777-300ER、B787-9、B787-10、A340-300、A340-500、A350-900、

2.2.2 Other regulations for TWYs

2.2.2.1 Aircraft type A330-300 is requested to use judgemental oversteering method on TWY A3, A7.

2.2.2.2 Aircraft type B747-100, B747-200, B747-300, B747-400, B777-200, B777-200ER, B777-300, B777-300ER, B787-9, B787-10, A340-300, A340-500,

A350-1000 机型在 A1、A3、A5、A6、A7、A9、D1、D2 滑行道运行时需采用“过滑偏置转弯”。

A350-900, A350-1000 are requested to use judgemental oversteering method on TWY A1, A3, A5, A6, A7, A9, D1, D2.

3. 机坪和机位的使用

3. Use of aprons and parking stands

3.1 停靠在 1A、1-22、303、304 机位的航空器自滑进、由牵引车推出，停靠其他机位的航空器自滑进出。

3.1 Aircraft parking on stand Nr.1A,1-22,303,304 shall taxi in by itself and be pushed back by tow tractor; aircraft parking on other stands shall taxi in and out by itself.

3.2 发动机试车须经管制部门和现场指挥中心许可，并在指定的地点进行。严禁在廊桥附近试大车。

3.2 Engine run-ups are subject to Ground Control and AOC clearance, and may only be carried out at a designated location. Fast engine run-ups in the vicinity of boarding bridges are strictly forbidden.

3.3 机场停机坪东侧坡度较大航空器停放时注意重心与平衡，防止倾斜擦地。

3.3 Great slope at east apron,parking aircraft shall keep balance of that.

3.4 机位使用限制

3.4 Limits for aircraft parking on the following stands

停机位/Stands	航空器翼展限制/ Wing span limits for aircraft	最大机型/ Maximum aircraft
Nr.1, 19, 105B, 301, 303	<65m	B747-400
Nr.11,12, 16-18, 302, 304	<52m	B767-300
Nr.9	<48m	B767-300
Nr.22, 101-104	<36m	B737-800
Nr.1A, 2-8, 10, 13-15, 20，21, 53-64	<36m	A321
Nr.105	<24m	CRJ700

3.5 停机位 104、105、105B、301 为隔离机位，101-105 中任意一个与 105B 不能同时使用。

3.5 Nr.104, 105, 105B, 301 are isolated stands.Stands Nr.101-105 are forbidden to use with Nr.105B

simultaneously.

3.6 翼展 36m(含)以上航空器使用 1 号停机位时，1A 号停机位不得使用。

3.6 When aircraft with wing span not less than 36m use stand Nr.1, stand Nr.1A is unavailable.

3.7 翼展 52m(含)以上航空器使用 1 号停机位时，由 T4 滑入滑出， 推出时使用专用推出线（白色虚线）。

3.7 When use stand Nr.1: aircraft with wing span not less than 52m shall taxi in and out via TWY T4 and be pushed back via exclusive push back line(white dashed line).

3.8 翼展 52m（含）以上航空器在 1 号机位停放期间，1A 机位与 1 号机位之间的 T2 滑行道不可用。

3.8 When aircraft with wing span not less than 52m parking on stand Nr.1, TWY T2 (BTN stand Nr.1 and Nr.1A) is unavailable.

3.9 翼展 52m（含）以上航空器在 1 号机位推出及沿 T4 滑行通道滑出期间，2 号机位、3 号机位之间的 T2 滑行道不可用。

3.9 When aircraft with wing span not less than 52m being pushed back from stand Nr.1 and taxi out via TWY T4, TWY T2 (BTN stand Nr.2 and Nr.3) is unavailable.

3.10 停放在 1 号停机位的航空器使用专用推出线(白色虚线）推出时，53-55 号停机位不得使用。

3.10 When aircraft being pushed back from stand Nr.1 via exclusive push back line(white dashed line), stands Nr.53-55 are unavailable.

3.11 银川机坪管制范围（APN)：T1（含）以西的机场活动区（1、2、3 号停机坪)。银川塔台、银川机坪负责向各自管辖范围内的航空器提供相应的管制服务。

3.11 Yinchuan APN control area: Maneuvering area(aprons Nr.1,2,3) on the W of TWY T1(inclusive). ATC service is available in the respective control area of Yinchuan TWR and Yinchuan APN.

3.12 离场航空器，须在预计推出开车前 10min 向银川塔台申请放行许可；取得放行许可后，按照银川塔台指令转频到银川机坪，由银川机坪负责推出开车顺序。

3.12 Departure aircraft shall contact Yinchuan TWR for delivery clearance 10 minutes prior to push-back and start-up. After getting delivery clearance, flight crew shall follow instructions of Yinchuan TWR to change frequency to Yinchuan APN. Then obtain priorities of push-back and start-up from Yinchuan APN.

3.13 机组须在 5min 内执行推出开车指令,如果超时，

3.13 The clearance of push-back and start-up shall be

该管制指令自动取消，需重新申请。

performed within 5 minutes, otherwise, the clearance would be cancelled automatically and a new clearance shall be applied.

3.14 进港停靠在 301-304 机位外的航空器需由地面引导车引导；所有离港航空器及停靠在 201、301-304 机位的进港航空器如有需要，机组可通过对应管制频率申请引导车或拖车服务。

3.14 Arriving aircraft shall be guided by follow-me vehicle to park on stands(except stands Nr.301-304). If necessary, flight crew could apply for follow-me vehicle service or towing service via corresponding Control frequency for all departing aircraft and arriving aircraft parking on stands Nr.201,301-304.

3.15 廊桥机位 1、5-22 号配备 400Hz 桥载电源和空调。

3.15 Bridge power supply EQPT(400Hz) and air conditioner are available for aircraft parking on stands Nr.1 and 5-22.

4. 低能见度运行

4. Low visibility operation

机场的 II/III 类运行

CAT II/III operations at AD

4.1 低能见度运行（HUD 特殊批准 II 类）

4.1 Low Visibility Operation Procedures(HUD SA CAT II)

4.1.1 低能见度运行程序的启动

4.1.1 Enablement of Low Visibility Operation Procedures

当预计 30min 内 200m≤RVR＜450m 时，由航空公司或机组提出申请，由塔台通过固定电话通知现场指挥中心、飞行服务室，进入低能见度运行程序准备阶段。

Applied by airlines or flight crew when 200≤RVR＜450m within estimated 30min.

4.1.2 低能见度运行程序的实施

4.1.2 Implement of Low Visibility Operation Procedure

当同时满足下列条件时，由塔台通过固定电话通知现场指挥中心、飞行服务室，低能见度运行程序启动实施：

Low Visibility Operation Procedures will be implemented with following conditions:

（1）RWY03:350m＜RVR＜450m，30m＜云底高＜

（1）RWY03:350m＜RVR＜450m，30m＜ceiliing＜

60m；或使用 HUD 实施最低起飞标准为 200m≤RVR＜400m。

（2）机场和空管具备低能见度程序保障能力。

4.1.3 低能见度运行程序的解除

下列情形下，由塔台通过固定电话通知现场指挥中心、飞行服务室，低能见度运行程序解除：

（1）RVR 回升到 800m 且云底高回升至 90m，并预测天气将转好或稳定 30min 后。

（2）RVR 低于 200m 或云底高低于 30m，并且趋势预报在 1h 以上无法转好。

（3）在低能见度运行期间因设备或其他原因不具备低能见度程序保障能力时。

4.2 航空器滑行

4.2.1 机场能见度（VIS）低于 800m 或者跑道视程（RVR）低于 550m，但不低于 200m 时，根据机组需求提供引导服务。

4.2.2 在 RWY03 使用 HUD 执行特殊批准类运行期间，有航空器进近时，等待起飞的航空器应在停机坪等待。

4.3 需要执行 HUD 特殊批准类运行程序的航空器，应主动向管制员报告。

5. 直升机飞行限制，直升机停靠区

无

6. 警告

6.1 本机场 03 号跑道入口以南 400m，跑道中心线以

60m；or TAKE-OFF MINIM is 200m≤RVR＜400m when LVP in force.

(2）Aerodrome and ATC satisfy the requirement of Low Visibility Operation.

4.1.3 Closure of Low Visibility Operation Procedure

Low Visibility Operation Procedures will be closured with following conditions:

（1）When RVR≥800m and ceiling ≥90m and forecast show a improvement trend and remain 30mins.

（2）When RVR＜200m or ceiling ＜30m and forecast show a decrease trend in more than 1h.

（3）When eqquipment or other factors cannot satisfy the requirement of Low Visibility Operation Procedures.

4.2 Taxiing

4.2.1 When VIS＜800m or 200≤RVR＜550m, aircrafts will be guided by follow-me vehicles as crew required.

4.2.2 If approaching aircraft uses landing minima of Special CAT II with HUD, the departure aircraft shall wait at the apron.

4.3 Aircraft to use landing minima of Special CAT II with HUD shall report to ATC initiatively.

5. Helicopter operation restrictions and helicopter parking/docking area

Nil

6. Warning

6.1 There is a road about 25m wide and 2000m long

西 360m 处为起始点，有一条平行于跑道宽约 25m 的公路，向南延伸约 2000m，夜间路灯可能开启，请机组注意。

parallel to RWY on the south of RWY03 THR, the north end of which start from point 400m south of RWY03 THR and 360m west of RCL. Lights of the road might be turned on during night. Please pay attention.

6.2 因机场高速公路灯光较强，机组使用 21 号跑道降落注意观察跑道灯光。

6.2 Lights of airport expressway is strong, aircraft landing with RWY21 shall take care to distinguish RWY lights from that.

6.3 跑道北头水沟距跑道端较近，机组在起飞、着陆过程中要严格按飞行标准执行，防止航空器提前着陆擦地和冲出跑道。

6.3 Water channel is closed to the north of RWY end, aircraft taking-off or landing shall strictly follow the procedure to prevent early landing or overrun.

6.4 本场未配备系留绳和系留挂具。

6.4 AD not equipped with mooring rope and mooring rack.

6.5 105B 机位线与 T3 滑行线在同一区域内距离较近且平行，机组注意区分。

6.5 Stand Nr.105B position line and T3 taxiing line are close and paraller in the same area, pay attention to distinguish them.

ZLIC AD 2.21 减噪程序

ZLIC AD 2.21 Noise abatement procedures

无

Nil

ZLIC AD 2.22 飞行程序

ZLIC AD 2.22 Flight procedures

1. 总则

1. General

无

Nil

2. 起落航线

2. Traffic circuits

起落航线在跑道两侧，A、B 类航空器高度 1550m，C、D 类航空器高度 1750m。

Traffic circuits shall be made to both sides of RWY, at the altitude of 1550m for aircraft CAT A/B, and 1750m for aircraft CAT C/D.

3. 仪表飞行程序

3. IFR flight procedures

无

Nil

4. 雷达程序和/或 ADS-B 程序

银川进近管制区域内实施雷达管制和 ADS-B 融合管制，航空器最小水平间隔为 5.6km。

4. Radar procedures and/or ADS-B procedures

Radar and ADS-B control within Yinchuan APP is implemented, the minimum horizontal radar separation is 5.6km.

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。

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

无

6. Procedures for VFR flights

Nil

7. 目视飞行航线

无

7. VFR route

Nil

8. 其它规定

无

8. Other regulations

Nil

ZLIC AD 2.23 其它资料

鸟情资料

1 鸟情资料：机场全年有鸟类活动，鸟类种类共计 60 余种。鸟类种类和数量表现为：1-2 月为平稳期，3-6 月为上升期，7-9 月为高峰期，10-12 月为下降期。

ZLIC AD 2.23 Other information

Bird’s information

1 Bird Data: Activities of bird flocks are found all the year round, more than 60 kinds of birds are observed in aerodrome. Performance of birds activities in whole year: steady period from January to February, rised period from March to June, peak period from July to September, and decent period from October to December.

2 鸟情信息 2 Bird information

Type of bird	Time of activity	Activity area	Flight height within AD
Magpie	The whole year	Flight area	0-100m
Apus apus	April-July	Above flight area	0-200m
Barn swallow	April-September	Above flight area	0-200m
Sand martin	April-October	Flight area and around	0-100m
Pigeon	The whole year	West of RWY	0-200m
Common Kestrel	The whole year	Above flight area	0-500m
Athene noctua Little Owl	The whole year	Northwest, north and east of RWY	0-100m
Long-eared owl	The whole year	Northwest, north and east of RWY	0-100m
Crested Lark	The whole year	Flight area	0-100m
Skylark	January-March, October-December	Flight area	0-200m
Sparrow	The whole year	Flight area, airport area	0-50m
Sturnus cineraceus	The whole year	Northwest, north and east of RWY	0-100m
Red-throated Thrush	January-May, September-December	Northwest, east and south end of RWY	0-200m
Goldfinch	The whole year	Flight area，surrounding woodland	0-50m
Phasianus colchicus	The whole year	Around the airport	0-30m
Streptopelia decaocto	The whole year	Around the airport	0-50m

3 鸟击防范工作：通过常态化开展机场周边鸟情生态调研，持续研究鸟情变化及活动规律，通过鸟类栖息地源头治理减少鸟类活动。

3 Bird strike precaution is executed via ecological research around aerodrome, continue study the changes of bird situation and activity rules, and reduce bird activities through habitat source management.