

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

ZLXN-西宁/曹家堡 XINING/Caojiapu

**ZLXN 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	N36° 31.6' E102° 02.5' On main TWY
2	方向、距离 Direction and distance from city	112° GEO, 25.5km from Dashizi, Xining
3	标高 / 参考气温 Elevation/Reference temperature	2184m/ 26.3 ° C (JUL)
4	机场标高位置 / 高程异常 AD ELEV PSN/ geoid undulation	-/-
5	磁差 / 年变率 MAG VAR/Annual change	2° W/ -
6	机场管理部门、地址、电话、传真、 AFS、电子邮箱、网址 AD administration, address, telephone, telefax, AFS, E-mail, website	Qinghai airport CO.LTD of China West Airport Group Nr.32, Ba yi xi lu, Xining, Qinghai Province 810007, China TEL: 86-971-8813015 FAX: 86-971-8813014
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

**ZLXN 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	HS or O/R
3	卫生健康部门 Health and sanitation	HS or O/R
4	航行情报服务讲解室 AIS Briefing Office	HO
5	空中交通服务报告室 ATS Reporting Office (ARO)	HO
6	气象讲解室 MET Briefing Office	HO
7	空中交通服务 ATS	HO
8	加油 Fuelling	HO
9	地勤服务 Handling	HO

10	保安 Security	HO
11	除冰 De-icing	HO
12	备注 Remarks	Nil

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

1	货物装卸设施 Cargo-handling facilities	Baggage transporter, baggage tractors, baggage pallet, dolly
2	燃油 / 滑油牌号 Fuel/oil types	Nr.3 jet fuel --
3	加油设施 / 能力 Fuelling facilities/capacity	Refueling truck (48000 liters): 13.3 liters/sec; Refueller(22000 liters):13.3 liters/sec; Refueller(10000 liters):11.7 liters/sec(pressure), 5.83 liters/min(gravity)
4	除冰设施 De-icing facilities	De-icer
5	过站航空器机库 Hangar space for visiting aircraft	Nil
6	过站航空器的维修设施 Repair facilities for visiting aircraft	Line maintenance available for various type of aircraft on request. Spare parts and other maintenance work by prior arrangement.
7	备注 Remarks	Oxygen filling vehicle, ground power (400HZ) and Pre-Conditioned Air(PCA) unit on stands Nr.201-210.

**ZLXN AD 2.5 旅客设施 Passenger facilities**

1	宾馆 Hotels	At AD
2	餐馆 Restaurants	At AD
3	交通工具 Transportation	Passenger's coaches, taxis
4	医疗设施 Medical facilities	First aid 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	Nil
7	备注 Remarks	Nil

**ZLXN 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, heavy-load foam tender, primary foam tender, fire-fighting command car, rescue vehicle, logistics truck, dry-chemical tender, water tank truck, illumination truck; Rescue equipment:Individual protective equipments, demolition facilities.
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	Nil
4	备注 Remarks	Nil

**ZLXN AD 2.7 可用季节 - 扫雪 Seasonal availability-clearing**

1	扫雪设备类型 Types of clearing equipment	All seasons Snow blower, snow fluid truck, snow plough
2	扫雪顺序 Clearance priorities	RWY, TWY, Apron
3	备注 Remarks	Nil

**ZLXN 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 (Stands Nr.101-107, 111-116, 201-211, 211A, 211B, 211C, 211D) Asphalt concrete (Stands Nr. 108-110,109A)
		Strength:	PCN 68/R/B/W/T (StandsNr.105-107,111-116,204-207,211, 211A, 211B, 211C, 211D) PCN 68/F/B/W/T (Stands Nr.108-110,109A) PCN 52/R/B/W/T (Stands Nr.101-104, 201-203, 208-210)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	34 m: C, D, E, F, G; 30.5m: A(each end of RWY), A1, A4; 28.5m: A2, A3; 23m: main RWY A.
		Surface:	Asphalt concrete
		Strength:	PCN 73/F/B/X/T
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	INS checkpoints: at stands.	
5	备注 Remarks	Nil	

**ZLXN 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	Guide lines at all TWYs and apron. Aircraft stand identification lines at apron. Marshman service is available at stands.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	THR, RWY designation, TDZ, center line, center circle, edge line, aiming point
		RWY lights	THR, center line, edge line, RWY end, wing-bar
		TWY markings	Taxiing holding position, center line, edge line, No-entry
		TWY lights	Edge line, center line, RWY guard(Pattern A)
3	停止排灯 Stop bars	Nil	
4	备注 Remarks	Nil	

**ZLXN AD 2.10 机场障碍物 Aerodrome obstacles**

Obstacles within a circle with a radius of 15km centered on the center of RWY					
序号 Serial Nr.	障碍物类型 (* 代表有灯光) Obstacle type (*Lighted)	磁方位 BRG (MAG)(degree)	距离 DIST(m)	海拔高度 Elevation(m)	影响的飞行程序及起飞航径区 Flight procedure/take-off flight path area affected
1	MT	006	7511	2772.9	
2	MT	097	3300	2280	
3	Contour line	105	3350	2260	RWY11/Departure
4	BLDG	106	5335	2226.7	Significant obstacle
5	MT	108	3865	2198.5	Significant obstacle
6	MT	159	3869	2278	Circling
7	MT	170	13458	2898.5	
8	Pole	188	243	2196.7	
9	Pole	198	237	2196.9	
10	MT	200	4993	2467	Circling
11	BLDG	208	677	2209.6	
12	Pole	209	239	2197.2	
13	*New Control TWR	210	541	2227.1	RWY29/Final approach
14	Pole	218	249	2197.6	
15	MT	230	10336	2853	Circling
16	Pole	237	293	2198.3	
17	Pole	243	321	2198.6	
18	Pole	249	353	2198.9	
19	Pole	253	386	2199.1	
20	Pole	256	420	2199.4	
21	Pole	259	456	2199.6	RWY11/Final approach
22	MT	261	9148	2751	Circling
23	Antenna	265	1491	2209.6	
24	MT	280	12100	2565	
25	MT	283	11730	2536.0	Significant obstacle
26	MT	295	11270	2345	RWY11/GP INOP final approach
27	MT	298	3300	2231	RWY29/Departure
28	TWR	302	4458	2301.5	
29	MT	304	5340	2334	
30	MT	324	4139	2350	RWY29/GP INOP final approach
Remarks:					

Obstacles between two circles with the radius of 15km and 50km centered on the center of RWY					
序号 Serial Nr.	障碍物类型 (* 代表有灯光) Obstacle type (*Lighted)	磁方位 BRG (MAG)(degree)	距离 DIST(m)	海拔高度 Elevation(m)	影响的飞行程序及起飞航径区 Flight procedure/take-off flight path area affected
1	MT	008	15049	2870.0	
2	MT	015	45413	4243	
3	MT	015	45150	4242	
4	MT	034	38313	4195	
5	MT	035	45094	4309	
6	MT	041	46120	4265	
7	MT	042	45780	4265	180° -260° sector
8	MT	055	28800	4055	
9	MT	069	30244	3314	RWY11/Missed approach
10	Contour line	070	35841	3293	260° -300° sector
11	MT	080	40150	3092	
12	MT	092	38722	2949	RWY29/Initial approach
13	MT	096	36200	2402	
14	MT	108	38620	2545	
15	MT	115	30970	2630	
16	MT	125	29240	2683	RWY29/Intermediate approach
17	MT	134	39900	3622	
18	MT	139	44969	4344	
19	MT	141	44918	4484	
20	MT	156	36600	4300	
21	MT	215	34183	4405	
22	MT	233	46720	4300	
23	MT	236	48222	4486	
24	MT	237	48720	4488	
25	MT	239	39310	4092	
26	Contour line	241	54284	4500	095° -300° sector
27	MT	280	35897	2889	RWY11/Initial approach
28	MT	280	29997	2821	RWY11/Intermediate approach
29	MT	284	36100	2750	
30	MT	285	31580	2753	
31	MT	302	35480	2778	
32	MT	313	26700	2839	
33	MT	315	26279	2839.8	RWY11/Initial approach
34	MT	342	48022	3590	095° -180° sector
35	MT	343	20705	2853.9	RWY29/Missed approach
Remark: 1. Other obstacles refer to AD OBST chart.					

## ZLXN 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	MET information service office of Qinghai ATMB,CAAC.
2	气象服务时间、服务时间以外的责任 气象室 Hours of service, MET Office outside hours	H24 --
3	负责编发 TAF 的办公室、有效期 Office responsible for TAF preparation, Periods of validity	MET office of Qinghai ATMB,CAAC. 9 HR
4	着陆预报类型、发布间隔 Type of landing forecast, Interval of issuance	Trend 1 HR
5	所提供的讲解 / 咨询服务 Briefing/consultation provided	P, T
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
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	ARO, TWR
10	观测类型与频率 / 自动观测设备 Type & frequency of observation/ Automatic observation equipment	Hourly plus special observation/Yes
11	气象报告类型及所包含的补充资料 Type of MET Report & supplementary information included	METAR, SPECI, TEND
12	观测系统及位置 Observation System & Site(s)	SFC Wind sensors: RWY11: 120m N of RCL, 385m inward THR11; RWY11: 120m N of RCL, 415m inward THR11; RWY29: 120m N of RCL, 320m inward THR29; RWY29: 120m N of RCL, 350m inward THR29; Center: 120m N of RCL, 1800m inward THR11. RVR EQPT: A: 105m N of RCL, 370m inward THR11; B: 105m N of RCL, 1800m inward THR11; C: 105m N of RCL, 310m inward THR29. Ceilometer: RWY11: 105m N of RCL, 360m inward THR11; RWY29: 105m N of RCL, 300m inward THR29. Automatic weather station: RWY11: 120m N of RCL, 385m inward THR11; RWY29: 120m N of RCL, 320m inward THR29..
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	TEL: 86-971-8580680 FAX: 86-971-8580682

### ZLXN AD 2.12 跑道物理特征 Runway physical characteristics

跑道号码 Designation s 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

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
11	109° GEO 111° MAG	3800 × 45	73/F/B/X/T Asphalt / Asphalt	Nil	THR 2184.2m TDZ 2184.2m
29	289° GEO 291° MAG	3800 × 45	73/F/B/X/T Asphalt / Asphalt	Nil	THR 2161.3m TDZ 2167.3m
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	60 × 60	Nil	3920 × 300	Nil	Nil
See AOC	60 × 60	Nil	3920 × 300	Nil	Nil
Remarks: RWY shoulder: 7.5m for each side.					

## ZLXN 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
11	3800	3800	3860	3800	Nil
29	3800	3800	3860	3800	Nil
Remarks:					

## ZLXN 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
11	CAT I SFL 900m LIH	Green Yes	PAPI Left/3°	Nil	3800m* spacing 30m	3800m** 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
29	CAT I SFL 720m LIH	Green Yes	PAPI Left/3°	Nil	3800m* spacing 30m	3800m** spacing 60m	Red	Nil
Remarks: * up to 2900m White VRB LIH, 2900m-3500m Red/White VRB LIH, 3500m-3800m Red VRB LIH ** up to 3200m White VRB LIH, 3200-3800m Yellow VRB LIH								

### ZLXN 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	WDI: RWY11:113m north of center line,364m inward THR,LGT RWY29:113m south of center line,334m inward THR,LGT
3	滑行道边灯和中心线灯光 TWY edge and center line lighting	Blue TWY edge line lights; Green/Yellow TWY center line lights.
4	备份电源 / 转换时间 Secondary power supply/switch-over time	Secondary power supply available, diesel dynamotor / ≤ 15s(UPS ≤ 1s)
5	备注 Remarks	Nil

### ZLXN 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

**ZLXN 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
Xining tower control area	A circuit, 2 arcs with radius 13km centered at center of both RWY ends and 2 parallel lines of 13km from RWY centerline	3100m(QNH) and below	
Altimeter setting region and TL/TA	A circle with a radius of 55km centered on Xining VOR/DME(XNN)	TL 5400m TA 4800m 5100m(QNH $\geq$ 1031hPa) 4500m(QNH $\leq$ 979hPa)	

**ZLXN 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		126.85		D-ATIS available
APP	Xining Approach	119.875 (119.625) AP01	BY ATC	Nil
APP	Xining Approach	119.875 (119.625) AP02	BY ATC	Nil
APP	Xining Approach	119.2 (119.625) AP03	H24	Nil
TWR	Xining Tower	118.5(124.35)	HO	
GND	Xining Ground	121.6	HO	DCL available

**ZLXN 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
Xining VOR/DME	XNN	116.5MHz CH 112X	N36° 31.6' E102° 01.8'	2 196m	At 6000m(enroute): beyond 34NM on R069° U/S for DME; At 5400m(enroute): beyond 38NM on R334° U/S for DME.
Ledu VOR/DME	LED	112.2MHz CH 59X	36° 36.5' 102° 29.3'	3 079m	

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
LOC 11 ILS CAT I	ICB	110.7MHz	111° MAG/ 2160m FM RWY center		
GP 11		330.2MHz	295° MAG/ 1557m FM RWY center		Angle 3° RDH 15m Coverage 16NM
DME 11	ICB	CH 44X (110.7MHz)	127m N of RCL,350m inwards THR11	2 188m	Co-located with GP11
LOC 29 ILS CAT I	IXN	108.7MHz	291° MAG/ 2180m FM RWY center		
GP 29		330.5MHz	107° MAG/ 1626m FM RWY center		Angle 3° RDH 15m Coverage 16NM
DME 29	IXN	CH 24X (108.7MHz)	127m N of RCL,280m inwards THR29	2 169m	Co-located with GP29
Remarks:Nil					

**ZLXN AD 2.20 本场飞行规定****ZLXN AD 2.20 Local traffic regulations****1. 机场使用规定**

无

**1. Airport operations regulations**

Nil

**2. 跑道和滑行道的使用**

2.1 A2、A3 快速滑行道限制翼展 52-65 米，或者主起落架外轮外侧边间距 9-14 米的航空器使用。

2.2 在使用 116 机位停放翼展 52-60.3m（含）的航空器时，航空器由 C 滑行道滑进机位，由 D 滑行道滑出机位。在使用 109A 机位停放翼展 52-60.3m（含）的航空器时，均通过 C 滑行道进出机位。

**2. Use of runways and taxiways**

2.1 Rapid exit taxiing A2 and A3 are available for aircraft which wing span limits is 52-65m or outer main gear wheel span limits is 9-14m.

2.2 Aircraft which wing span limits is 52-60.3m should taxi in stand Nr.116 via TWY C, and taxi out stand Nr.116 via TWY D. Aircraft which wing span limits is 52-60.3m should taxi in and taxi out stand Nr.109A via TWY C.

**3. 机坪和机位的使用****3. Use of aprons and parking stands**

## 3.1 机位使用限制 /Limits for aircraft parking on the following stands:

停机位 /Stands	航空器翼展限制 / Wing span limits for aircraft	机身长度
Nr.109A,116,211	≤ 60.3m	
Nr. 108-110, 204, 207	≤ 47.6m	
Nr. 101-103	≤ 38m	
Nr.211A,211B,211C,211D		≤ 35.8m
Nr. 104-107,111-115,201-203, 205,206,208-210	≤ 35.8m	

## 3.2 机位滑行限制 /Taxiing rules for stands

停机位 /Stands	滑入、滑出方式 / Enter or exit	机头朝向 / Nose direction
Nr.101-110,109A	Taxi in and push back	S
Nr.111-115	Taxi in and out	N
Nr.116,211	Taxi in and out	E
Nr.201-210	Taxi in and push back	TML
Nr.211A,211B,211C,211D	Taxi in and out	S

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

使用机位 / The stand in use	禁用机位 / The stands forbidden to be used	使用机位 / The stand in use	禁用机位 / The stands forbidden to be used
211	211A	211A	211
211	211B	211B	211
211	211C	211C	211
211	211D	211D	211

## 4. 进、离场管制规定

无

## 4. Air traffic control regulations

Nil

## 5. 机场的 II/III 类运行

无

## 5. CAT II/III operations at AD

Nil

## 6. 除冰规则

## 6. Rules for deicing

无

Nil

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

无

Nil

**8. 警告****8. Warning**

8.1 机场四面环山，进离场的航空器要严格保持航迹，严禁偏离航线飞行。

8.1 Airport is among mountains, aircraft arriving or departing shall fly strictly along the routes. Deviation from route is forbidden

8.2 机场11号跑道起飞有较近障碍物等高线（半径15千米内障碍物第3号障碍物），应引起重视。若遇单发，请注意检查航迹和高度。

8.2 Refer to AD2.10, obstacle 'Contour line' (serial Nr.3) shall be taken more account of when taking off FM RWY11, and in the situation of only one engine, aircraft shall check the track and attitude to avoid the obstacle.

**9. 直升机飞行限制，直升机停靠区****9. Helicopter operation restrictions and helicopter parking/docking area**

无

Nil

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

无

Nil

**ZLXN AD 2.22 飞行程序****ZLXN AD 2.22 Flight procedures****1. 总则****1. General**

无

Nil

**2. 起落航线****2. Traffic circuits**

起落航线在跑道南侧进行，高度：A类为2850米；B、C、D类均为3150米。

Traffic circuits shall be made to south side of RWY, at the altitude of 2850m for aircraft CAT A, and 3150m for aircraft CAT B/C/D.

**3. 仪表飞行程序****3. IFR flight procedures**

3.1 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制定的航路导航台或定位点上空等待或做机动飞行。

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

#### 4. 雷达程序和 / 或 ADS-B 程序

有 ADS-B 监视。西宁进近管制区内实施雷达管制，航空器最小水平间隔为 10km。

#### 4. Radar procedures and/or ADS-B procedures

With ADS-B surveillance. Radar control within Xining APP has been implemented. The minimum horizontal radar separation is 10km.

#### 5. 无线电通信失效程序

无

#### 5. Radio communication failure procedures

Nil

#### 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. 目视参考点

无

#### 8. Visual reference point

Nil

#### 9. 其它规定

无

#### 9. Other regulations

Nil

#### 10. 区域导航飞行程序相关数据

#### 10. Data for RNAV flight procedures

##### Waypoint Coordinates

Waypoint ID	COORDINATES	Waypoint ID	COORDINATES
XN603	N363748 E1014044	XN803	N363138 E1023140
XN604	N364232 E1014245	XN807	N363143 E1022035
XN618	N365040 E1021110	XN808	N362725 E1023843

XN620	N361818 E1020636	XN809	N364149 E1023250
XN622	N364523 E1024256	XN818	N362632 E1024604
XN626	N365813 E1014431	XN820	N364645 E1015203
XN703	N362547 E1022358	LED	N3636.5 E10229.3
XN705	N363129 E1023753	XNN	N3631.6 E10201.8
XN706	N364054 E1023010	ANDIM	N3721.5 E10226.4
XN709	N364042 E1021353	NODID	N3717.9 E10131.5
XN711	N362803 E1022926	PANRA	N3649.0 E10254.7
XN712	N363026 E1022614	UPVOP	N3625.8 E10251.4
XN801	N364628 E1015357		

RWY11 SID Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (° )	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
ANDIM-08D								
CA			111		3400	MAX407		RNP1
DF	LED			L	↑ 4500			RNP1
TF	XN618				↑ 5400			RNP1
TF	ANDIM							RNP1
PANRA-08D								
CA			111		3400	MAX407		RNP1
DF	LED			L				RNP1
TF	XN809				↑ 4800			RNP1
TF	PANRA							RNP1
UPVOP-08D								
CA			111		3400	MAX407		RNP1
DF	XN803			L	↑ 3900			RNP1
TF	XN808							RNP1
TF	UPVOP							RNP1

RWY29 SID Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (° )	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
ANDIM-19D								
CA			291		3000	MAX407		RNP1
DF	XN801			R	↑ 3600			RNP1
TF	XN618				↑ 4800			RNP1

TF	ANDIM							RNP1
PANRA-19D								
CA			291		3000	MAX407		RNP1
DF	LED			R	↑ 4500			RNP1
TF	XN809				↑ 4800			RNP1
TF	PANRA							RNP1
UPVOP-19D								
CA			291		3000	MAX407		RNP1
DF	XN807			R	↑ 4500			RNP1
TF	XN808							RNP1
TF	UPVOP							RNP1
UPVOP-18D								
CA			291		3000	MAX407		RNP1
DF	XN620			L	↑ 5400			RNP1
TF	XN808							RNP1
TF	UPVOP							RNP1

RWY11 STAR Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (° )	Turn Direction	Altitude (m)	IAS (km/h)	VPA/TCH	Navigation Specification
NODID-08A								
IF	NODID							RNP1
TF	XN626				↑ 5400			RNP1
TF	XN820				↑ 4500			RNP1
TF	XN604				3900	MAX380		RNP1
PANRA-08A								
IF	PANRA							RNP1
TF	XN622							RNP1
TF	LED				5700			RNP1
TF	XN820				↑ 4500			RNP1
TF	XN604				3900	MAX380		RNP1
UPVOP-08A								
IF	UPVOP							RNP1
TF	XN808							RNP1
TF	LED				5700			RNP1
TF	XN820				↑ 4500			RNP1
TF	XN604				3900	MAX380		RNP1

RWY29 STAR Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (° )	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
NODID-19A								
IF	NODID							RNP1
TF	XN820				↑ 5700			RNP1
TF	XN709							RNP1
TF	LED				4500			RNP1
TF	XN712				4000	MAX380		RNP1
PANRA-19A								
IF	PANRA							RNP1
TF	XN706				4800			RNP1
TF	LED				4500			RNP1
TF	XN712				4000	MAX380		RNP1
UPVOP-19A								
IF	UPVOP							RNP1
TF	XN818							RNP1
TF	XN705				4500			RNP1
TF	XN711				3900	MAX380		RNP1

RWY11 Transition Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (° )	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
NODID-08A, UPVOP-08A, PANRA-08A								
IF	XN604				3900	MAX380		RNP1
TF	XN603				3400			RNP1

RWY29 Transition Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (° )	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
UPVOP-19A								
IF	XN711				3900	MAX380		RNP1
TF	XN703				3400			RNP1
PANRA-19A, NODID-19A								
IF	XN712				4000	MAX380		RNP1
TF	XN703				3400			RNP1



RWY11 Holding Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (° )	Turn Direction	Altitude (m)	IAS (km/h)	VPA/TCH	Navigation Specification
Holding(outbound time 1.5 minute)								
HM	XN820	Y	243	R	4800			RNP1
HM	LED	Y	291	R	5700			RNP1

RWY29 Holding Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (° )	Turn Direction	Altitude (m)	IAS (km/h)	VPA/TCH	Navigation Specification
Holding(outbound time 1.5 minute)								
HM	XN705	Y	272	L	4500			RNP1
HM	LED	Y	192	L	4500			RNP1

Notes:The path code is TF except special explanation, the navigation performance is RNP1.

**ZLXN AD 2.23 其它资料**

无

**ZLXN AD 2.23 Other information**

Nil