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

ZBSJ-石家庄/正定 SHIJIAZHUANG/Zhengding

ZBSJ 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° 16.9' E114° 41.9' Center of RWY
2	方向、距离 Direction and distance from city	035° GEO, 31.9km from Shijiazhuang Railway Station
3	标高/参考气温 Elevation/Reference temperature	71m/31.9° C(JUN)
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	5° W(1994) /-
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	Hebei Provincial Administration of CAAC Shijiazhuang Zhengding Airport, Shijiazhuang 050802, Hebei province, China TEL: 86-311-88027131 FAX: 86-311-88027140 AFS: ZBSJZPZX(ATS Reporting Office)
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/-
9	备注 Remarks	Nil

ZBSJ 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	HO
3	卫生健康部门 Health and sanitation	HO
4	航行情报服务讲解室 AIS Briefing Office	HS or O/R
5	空中交通服务报告室 ATS Reporting Office (ARO)	HS or O/R
6	气象讲解室 MET Briefing Office	HS or O/R
7	空中交通服务 ATS	HS or O/R
8	加油 Fuelling	HO
9	地勤服务 Handling	HO
10	保安 Security	H24
11	除冰 De-icing	HO
12	备注 Remarks	Nil

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

1	货物装卸设施 Cargo-handling facilities	Fork, tow truck, conveyor belt truck, platform lift
2	燃油 / 滑油牌号 Fuel/oil types	Nr.3 jet fuel
3	加油设施 / 能力 Fuelling facilities/capacity	Special underground pipeline, tank vehicle, hydrant dispenser; Oil depot: 17 liters/sec; Apron pipeline gas well
4	除冰设施 De-icing facilities	De-icer, De-icing fluid
5	过站航空器机库 Hangar space for visiting aircraft	Nil
6	过站航空器的维修设施 Repair facilities for visiting aircraft	Line maintenance available for B737-300/400/500/700/800, B757-200, A319/320/321, DORNIER-328, CRJ-200, EMB145, MD82/90
7	备注 Remarks	Ground power unit, ground air supply unit, ground air preconditioning unit

ZBSJ 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 center at AD, first-aid station at TML First-aid equipment and ambulance provided
5	银行和邮局 Bank and Post Office	Bank at AD and Post Office near AD
6	旅行社 Tourist Office	At AD
7	备注 Remarks	Nil

ZBSJ 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 foam tender, heavy-duty water tank truck, illumination truck, dry-chemical tender, demolition fire fighting facilities, ambulance; Rescue equipments: mobile surface operation devices, traction rack, axle jack.
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	Have limited capacity for towing aircraft.
4	备注 Remarks	Nil

ZBSJ 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 pusher, sweeper
2	扫雪顺序 Clearance priorities	RWY, TWY, Apron
3	备注 Remarks	Nil

ZBSJ 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 63/R/B/W/T (Stands Nr.101-116, 159-165) PCN 66/R/B/W/T (Stands Nr.151-158) PCN 68/R/B/W/T (Stands Nr.201-227,217L, 217R, 506L, 506R, 501-511)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	85m: K. 54m: J, H. 47.5m: B5, K1. 23m: A, B, A1-A6, B1-B4, B6-B9, H1, J1, K2.
		Surface:	Cement concrete
		Strength:	PCN 63/R/B/W/T(A3, A4, B7, B8) PCN 66/R/B/W/T(A,A1, A2, A5, A6, B9) PCN 68/R/B/W/T(B, B1-B6, H, H1, J, J1, K, K1, K2)
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	

ZBSJ 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 RWY and TWY and at all holding positions. Guide lines at apron. Nose-in guidance at aircraft stands.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	THR, RWY designation, TDZ, centerline, edge line, center circle, aiming point
		RWY lights	Edge line, center line, THR, RWY end, TDZ, wing bar
		TWY markings	Center line, taxi holding positions, edge line
		TWY lights	Edge line
3	停止排灯 Stop bars	Nil	
4	备注 Remarks	Blue apron edge line lights	

ZBSJ AD 2.10 机场障碍物 Aerodrome obstacles

Obstacles within a circle with a radius of 15km centered on the RWY center					
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	Chimney	011	7108	172	
2	BLDG	014	6279	158.8	
3	Chimney	038	7835	157	
4	TWR	039	7324	155	
5	Chimney	040	7440	132	
6	Chimney	098	3350	107	
7	*TWR	132	2900	99	
8	*TWR	145	5450	100	RWY33/ Approach RWY15/ Departure
9	Pole	153	3426	80.4	
10	TWR	157	3643	93.6	
11	TWR	166	3301	106.5	
12	*SSR	193	1181	101	
13	*Control TWR	209	605	123	
14	BLDG	320	1865	98	
15	TWR	323	3542	109.6	
16	BLDG	342	6815	146.2	
17	*TWR	346	6850	130	
18	*TWR	347	7850	151	Circling
19	*TWR	348	6250	108	
20	*TWR	350	7200	138	
21	*TWR	354	7100	141	

Obstacles between two circles with the radius of 15km and 50km centered on the RWY center					
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	035	15400	156.7	
2	*TWR	120	25800	156	
3	*TWR	332	21700	216	RWY15/ Approach, RWY33/ Departure
4	MT	342	40300	363.9	
Remark: No significant obstacles in the take-off flight path area					

ZBSJ 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	Shijiazhuang MET station of ATMB
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	Shijiazhuang MET station of ATMB 9 HR, 24 HR
4	着陆预报类型、发布间隔 Type of landing forecast, Interval of issuance	Trend 1 HR
5	所提供的讲解 / 咨询服务 Briefing/consultation provided	P, T or explain
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	SFC/upper live and data forecast product, satellite and radar image, AWOS real-time data
8	提供信息的辅助设备 Supplementary equipment available for providing information	Database system, message terminal, TEL, FAX
9	接收气象信息的空中交通服务单位 ATS units provided with information	APP, TWR, ATS Servicing Office
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: RWY 15: 127m E of RCL, 364m inward THR; RWY 33: 127m E of RCL, 364m inward THR. RVR EQPT: A: 110m E of RCL, 340m inward THR15; C: 110m E of RCL, 360m inward THR33; B: 110m E of RCL, 1805m inward THR33. Ceilometer: RWY33: on RWY extended CL, 1123m inward THR Automatic telemetry stations: RWY15: 110m E of RCL, 350m inward THR. RWY33: 110m E of RCL, 340m 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

ZBSJ 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
15	147° GEO 152° MAG	3400 × 45	63/R/B/W/T Concrete/ Concrete	Nil	THR71m --
33	327° GEO 332° MAG	3400 × 45	63/R/B/W/T Concrete/ Asphalt	Nil	THR67.3m --
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
RWY 15 -0.2%(800) - 0.04%(280) 0%(120) -0.08% (1680) 0%(40) - 0.08%(480)	Nil	240 × 150	3520 × 300	Yes	200 × 150m
RWY 33 -0.2%(800) - 0.04%(280) 0%(120) -0.08% (1680) 0%(40) - 0.08%(480)	Nil	240 × 150	3520 × 300	Yes	200 × 150m
Remarks: Slop of SWY is the same with the connected RWY; Anti-blast pad 60 × 60m; Turning pad at RWY15 end: 70 × 67.5m,Turning pad at RWY33 end:60 × 70m, RWY shoulder: 7.5m on each side.					

ZBSJ 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
15	3400	3640	3400	3400	Nil
33	3400	3640	3400	3400	Nil

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

跑道代号 RWY Desig -nator	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
15	CAT I* 900m LIH	Green Yes	PAPI Left/3°	Nil	3400m ** spacing 30m	3400m*** spacing 60m	Red	Nil
33	CAT I* 900m LIH	Green Yes	PAPI Left/3°	Nil	3400m ** spacing 30m	3400m*** spacing 60m	Red	Nil
Remarks: * SFL ** up to 2500m White LIH, 2500-3100m Red/White LIH, 3100-3400m Red LIH *** up to 2800m White VRB LIH, 2800-3400m Yellow VRB LIH								

ZBSJ 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	Edge line lights for all TWYs
4	备份电源 / 转换时间 Secondary power supply/switch-over time	Standby power supply available/ 15sec
5	备注 Remarks	Nil

ZBSJ 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

ZBSJ 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
Shijiazhuang tower control area	A circuit, 2 arcs with radius 13km centered at centers of both RWY THRs and 2 parallel lines of 13km from RWY centerline	SFC-600m (QNH)	
Fuel Dumping Area	N3746.2E11323.5- N3804.0E11408.8- N3757.8E11410.0- N3733.2E11336.0- N3746.2E11323.5	Above 4500m	See Fuel Dumping Area Chart
Altimeter setting region and TL/TA	A circle with a radius of 55km centered on Zhengding VOR/DME	TL 3600m TA 3000m 2700m(QNH ⩽ 979hPa) 3300m(QNH ⩾ 1031hPa)	

ZBSJ 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		127.85	H24	Nil
APP	Shijiazhuang Approach	120.45 (124.75)	H24	Nil
TWR	Shijiazhuang Tower	118.35 (123.65)	H24	Nil
GND	Shijiazhuang Ground	121.6	HO	Nil

ZBSJ 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
Wuji NDB	FL	272 kHz	N38° 14.9' E114° 53.3'		Coverage 150km
Xingtang NDB	OC	235 kHz	N38° 27.3' E114° 33.3'		Coverage 150km
VOR/DME	SJW	117.7 MHz CH124X	N38° 16.8' E114° 41.9'	68m	Coverage 200km
LMM 15	O	528 kHz 75 MHz	N38° 18.0' E114° 40.9'		332° MAG/ 1000m FM THR RWY 15 Coverage 74km
ILS 15 LOC	IOO	109.9 MHz	152° MAG/ 260m FM end of RWY15		Coverage 31km
GP 15		333.8 MHz	122m E of RCL 321m FM THR 15		Angle 3° RDH 16.8m Coverage 19km
DME 15	IOO	CH36X (109.9 MHz)		69.3m	Co-located with GP
LMM 33	F	377 kHz 75 MHz	N38° 15.5' E114° 42.9'		152° MAG/ 1050m FM THR RWY 33 Coverage 74km

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
ILS 33 LOC	IFF	110.3 MHz	332° MAG/ 260m FM end RWY 33		
GP 33		335 MHz	122m E of RCL 308m FM THR 33		Angle 3° RDH 17.3m Coverage 19km
DME 33	IFF	CH40X (110.3 MHz)		66m	Co-located with GP
Remark:Nil					

ZBSJ AD 2.20 本场飞行规定

1. 机场使用规定

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。

2. 跑道和滑行道的使用

可以通过现场指挥频率129.25MHz申请引导车服务。

3. 机坪和机位的使用

发动机试车,需经塔台许可,并通报机场运行管理部门,在指定的地点进行。

4. 进、离场管制规定

无

ZBSJ AD 2.20 Local traffic regulations

1. Airport operations regulations

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

2. Use of runways and taxiways

Follow-me vehicle service is available by contacting frequency 129.25 MHz.

3. Use of aprons and parking stands

Engine run-ups shall be carried out at a designated location and be subject to Tower Control and Aerodrome Operation Management Department for clearance.

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

无

6. Rules for deicing

Nil

7. 平行跑道同时仪表运行

7. Simultaneous operations on parallel runways

8. 警告

无

8. Warning

Nil

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

ZBSJ AD 2.21 噪音限制规定及减噪程序

ZBSJ AD 2.21 Noise restrictions and Noise abatement procedures

无

Nil

ZBSJ AD 2.22 飞行程序

ZBSJ AD 2.22 Flight procedures

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。

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

2. Traffic circuits

起落航线通常在跑道东侧,高度400-600米;经空中交通管制部门许可,可在跑道西侧进行,高度900米以下。

Traffic circuits shall be normally made to the east of RWY, at the altitudes of 400m-600m; Traffic circuits to the west of RWY are subject to ATC clearance, at the altitudes of below 900m.

3. 仪表飞行程序

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

3. IFR flight procedures

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

4. 雷达程序和 / 或 ADS-B 程序

进近管制区域内实施雷达管制,航空器最小水平间隔为6千米。

4. Radar procedures and/or ADS-B procedures

Radar control within Shijiazhuang APP has been implemented, the minimum horizontal radar separation is 6km.

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 list

ID	COORDINATES(WGS-84)	ID	COORDINATES(WGS-84)
IB501	N383457E1151735	NIPES	N383242E1150448
JB511	N383023E1144158	OLRAP	N372954E1144724
JB602	N383742E1150206	PIGAN	N383018E1140006
LA601	N385224E1143506	SAKOD	N384024E1150948
LA702	N383848E1143406	WXI	N362148E1145500
LA723	N385247E1143759	FL	N381454E1145318
WX501	N375156E1144438	JB	N390236E1161154
ENGIL	N384630E1152648	LARAD	N390848E1143612
ISGOD	N381706E1140524	OC	N382718E1143318
IBUNO	N383706E1153018	SJW	N381648E1144154
TYN	N374454E1123712		

Waypoint sequence for RWY15 arrival

JB-09A	(IF) JB	ENGIL	SAKOD	JB602 ↑ 2400	OC 900 MAX 330kmH
LAR-09A	(IF) LARAD	LA601 ↑ 3000	LA702 ↑ 1800	OC 900 MAX 330kmH	
TYN-09A	(IF) TYN	ISGOD ↑ 2700	OC 900 MAX 330kmH		

Waypoint sequence for RWY15 holding procedure (outbound time 1 min)

(HM)OC	Fly over point	152° (inbound angle)	Left turn direction	1200	MAX 425kmH

Waypoint sequence for RWY33 arrival

JB-16A	(IF) JB	ENGIL	SAKOD	FL 900 MAX 340kmH	
JB-18A	(IF) JB	ENGIL	SAKOD	JB602 ↑ 2400	OC ↑ 1200
	SJW 1200 MAX 340kmH				
LAR-16A	(IF) LARAD	LA723 ↑ 3000	SJW 1200 MAX 340kmH		
LAR-18A	(IF) LARAD	LA601 ↑ 3000	OC ↑ 1200	SJW 1200 MAX 340kmH	

TYN-18A	(IF) TYN	ISGOD ↑ 2700	OC ↑ 1200	SJW 1200 MAX 340kmH	

Waypoint sequence for RWY33 holding procedure (outbound time 1 min)

(HM) OC	Fly over point	152° (inbound angle)	Left turn direction	1500	MAX 425kmH
(HM) FL	Fly over point	197° (inbound angle)	Right turn direction	1200	MAX 425kmH

Waypoint sequence for RWY15 departure

IBU-09D	(CA) 152° 300 MAX 380kmH	(DF) FL Left turn direction	NIPES	IB501 ↑ 3600	IBUNO
JB-07D	(CA) 152° 300 MAX 380kmH	(DF) FL Left turn direction	NIPES	SAKOD ↑ 3600	ENGIL
	JB				
JB-09D	(CA) 152° 300 MAX 380kmH	(DF) OC Left turn direction	JB602 ↑ 2700	SAKOD ↑ 3600	ENGIL
	JB				
LAR-09D	(CA) 152° 300 MAX 380kmH	(DF) OC Left turn direction	LA601 ↑ 3000	LARAD	
PIG-09D	(CA) 152° 300 MAX 380kmH	(DF) OC Left turn direction	PIGAN		
TYN-09D	(CA) 152° 300 MAX 380kmH	(DF) OC Left turn direction	ISGOD ↑ 3000	TYN	
WXI-09D (by ATC)	(CA) 152° 300 MAX 380kmH	(CF) WX501 180° Right turn direction ↑ 1500	OLRAP	WXI	

Waypoint sequence for RWY33 departure

IBU-18D	(CA) 332° 600	(DF) OC MAX 380kmH	IB501 ↑ 3600	IBUNO	
JB-18D	(CA) 332° 600 MAX 380kmH	(DF) JB511 Right turn direction	JB602 ↑ 2700	SAKOD ↑ 3600	ENGIL
	JB				
LAR-18D	(CA) 332° 600	(DF) OC MAX 380kmH	LA601 ↑ 3000	LARAD	
PIG-18D	(CA) 332° 600	(DF) OC MAX 380kmH	PIGAN		
TYN-18D	(CA) 332° 600	(DF) OC MAX 380kmH	ISGOD ↑ 3000	TYN	

WXI-16D (by ATC)	(CA) 332° 600 MAX 380kmH	(DF) SJW Left turn direction	WX501 ↑ 1500	OLRAP	WXI
WXI-18D	(CA) 332° 600 MAX 380kmH	(DF) SJW Right turn direction	WX501 ↑ 1500	OLRAP	WXI

Note:The path code is TF except special explanation.
The navigation performance is RNAV1.

ZBSJ AD 2.23 其它资料

1. 全年有鸟类活动,夏季较多,其中机场北部地区鸟类活动较为频繁。机场当局采取了驱赶措施，鸟的活动情况如下:

Migratory Season	Direction of activity	Flight height within AD	Characteristic
Spring (day)	Migrate S to N	20-300m	All size, group
	Migrate E to W	20-100m	Small size group(sparrow)
		20-300m	Medium size
Spring (night)	Migrate E to W	10-150m	Medium size
		0-50m	Small size
Summer (day)	Near the airport	10-200m	Medium size group(swallow)
Summer (night)	Near the airport	5-60m	Medium size
Autumn (day)	Migrate N to S	10-200m	Medium size(magpie)
Autumn (night)	Migrate N to S	10-300m	Medium size
Autumn	In the airport	0-100m	Small size group
		20-150m	Large size
Winter	In the airport	10-300m	Medium and large size
		0-100m	Medium and small size

ZBSJ AD 2.23 Other information

1. Activities of bird flocks are found all the year round in the vicinity of the aerodrome especially during summer and north area of the airport are frequent. Aerodrome Authority resorts to dispersal methods to reduce bird activities.The details of bird activities as follows:

SHIJIAZHUANG/Zhengding FUEL DUMPING AREA