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

ZWSH-喀什/喀什 KASHI/Kashi

ZWSH 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	N39° 32.7' E076° 01.3' Center of RWY
2	方向、距离 Direction and distance from city	019° GEO, 8.8km from city center
3	标高 / 参考气温 Elevation/Reference temperature	1380m/ 31.5 ° 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	3° E
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	Kashi Airport, Xinjiang Airport (Group) CO. LTD Airport Street 473, Kashi 844001, TEL: 86-998-2928005 FAX: 86-998-2928005 AFS: ZWSHZPZX Website: www.kashiairport.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

ZWSH 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	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	HS or O/R
9	地勤服务 Handling	HS or O/R
10	保安 Security	HS or O/R
11	除冰 De-icing	Nil
12	备注 Remarks	Nil

ZWSH 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, fork(3.5 tons), dolly, baggage trailer vehicle
2	燃油 / 滑油牌号 Fuel/oil types	Jet A-1, Nr.3 jet fuel --
3	加油设施 / 能力 Fuelling facilities/capacity	Oil tanks(200000L, 50000L), refueling trucks: 17L/s
4	除冰设施 De-icing facilities	De-icer(Global 1800TEBLM), deicing fluid: KCY-1A
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 B737-300/700/800, B757-200, A319/320/321
7	备注 Remarks	Towing vehicle, power supply unit, air supply unit, water vehicle, sewage disposal vehicle, aircraft-warming machine, tow(for B737-700/800, B757-200, A319/320/321, B747, B777, B767, A340/330, IL76 EMB190), aircraft landing stairs

ZWSH AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	In the city
2	餐馆 Restaurants	At AD and in the city
3	交通工具 Transportation	Buses and 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	In the city
6	旅行社 Tourist Office	In the city
7	备注 Remarks	Nil

ZWSH 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-load foam tender, dry-chemical tender, illumination truck, rescue vehicle, logistics truck, command car
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	Mobile surface operation devices
4	备注 Remarks	Ambulance, rescue supplied vehicle, rescue command car

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

1	扫雪设备类型 Types of clearing equipment	All season snow blower, snow sweeper, RWY friction coefficient vehicle
2	扫雪顺序 Clearance priorities	RWY, TWY, Apron
3	备注 Remarks	Nil

ZWSH 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 74/R/B/W/T(stands Nr.1-2); PCN 74/R/A/W/T(stands Nr.7,7L,7R,8); PCN 31/R/B/W/T(stands Nr.3-6)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	45m: main A(parallel RWY); 26.5m: A. C; 30m: B. D. E. F;
		Surface:	Cement concrete
		Strength:	PCN 74/R/A/W/T (A. B. C. F); PCN 31/R/B/W/T (main A(parallel RWY). D. E)
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	

ZWSH 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 with TWY and RWY and at all holding positions. Guide lines at apron. Marshaller available at stands.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	RWY designation, THR, TDZ, edge line, center line, aiming point, RWY turn pad marking
		RWY lights	Center line, edge line, THR, RWY end
		TWY markings	Edge line, taxi holding positions
		TWY lights	Edge line, RWY guard light

3	停止排灯 Stop bars	Nil
4	备注 Remarks	Blue apron edge line lights. Guard lights for TWY A, B, C.

ZWSH AD 2.10 机场障碍物 Aerodrome obstacles

Obstacles within a circle with a radius of 15km centered on 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	Preheater	118	2628	1439.7	
2	Preheater	226	2234	1436.2	
3	MT	267	4400	1396	**
4	MT	275	7562	1492	
5	Contour line	278	2762	1400	
6	MT	286	13600	1887	
7	MT	292	11700	1829	**
8	MT	296	3400	1429	
9	MT	302	8600	1613	
10	MT	305	5800	1502	
11	MT	336	8000	1722	**
Remarks: ** Determining factor for MDA/MDH					

Obstacles between two circles with the radius of 15km and 50km centered on 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	MT	004	38000	2532	**
2	MT	242	39000	1872	
3	MT	274	25400	2107	**
4	MT	276	33000	2434	**
5	MT	283	43500	3244	**
6	MT	287	48000	3300	
Remark: ** Determining factor for MDA/MDH					

ZWSH 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	Kashi Aerodrome MET 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	HS --
3	负责编发 TAF 的办公室 ; 有效期 Office responsible for TAF preparation,Periods of validity	Kashi Aerodrome MET Office 3 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	Routine observation report, forecast Ch
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, satellite charts
8	提供信息的辅助设备 Supplementary equipment available for providing information	Internet information, Tel, MET service terminal
9	接收气象信息的空中交通服务单位 ATS units provided with information	APP, ACC, TWR, ATMB MET center, airlines
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 N of RCL, 320m inward THR08; B: 100m N of RCL, 1600m inward THR08; C: 100m N of RCL, 340m inward THR26. SFC wind sensors: 120m N of RCL, 320m inward THR08. Ceilometer: 105m N of RCL, 340m inward THR26.
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	Nil
15	其他信息 Additional information	Nil

ZWSH 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
08	086° GEO 083° MAG	3200 × 45	74/R/A/W/T Concrete/Concrete	Nil	THR 1378.6m --
26	266° GEO 263° MAG	3200 × 45	74/R/A/W/T Concrete/Concrete	Nil	THR 1370.6m --
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 × 45	300 × 150	3500 × 300	Nil	240 × 120m
See AOC	60 × 45	300 × 150	3500 × 300	Nil	240 × 120m
Remarks: Width of RWY shoulder is 7.5m.					

ZWSH 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
08	3200	3500	3260	3200	Nil
26	3200	3500	3260	3200	Nil
Remarks:					

ZWSH 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
08	PALS CATI SFL 720m LIH	Green Green	PAPI Left/ 3°	Nil	3200m* spacing 30m	3200m** spacing 60m	Red	Nil
26	PALS CATI SFL 900m LIH	Green Yes	PAPI Left/ 3°	Nil	3200m* spacing 30m	3200m** spacing 60m	Red	Nil
Remarks: * up to 2300m White VRB LIH, 2300-2900m Red/White VRB LIH, 2900-3200m Red VRB LIH ** up to 2600m White VRB LIH, 2600-3200m Yellow/White VRB LIH								

ZWSH 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: All TWYs
4	备份电源 / 转换时间 Secondary power supply/switch-over time	Secondary power supply available/ 15 sec
5	备注 Remarks	Nil

ZWSH 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

ZWSH 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
Kashi tower control area	A circle, radius 50km centered at ARP.	SFC to 6000m (QNE)	
Altimeter setting region and TL/TA	A circle with a radius of 55km centered on Kashi VOR/DME.	TL 4800m TA 4200m 4500m(QNH ⩾ 1031hPa) 3900m(QNH ⩽ 979hPa)	

ZWSH 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
TWR	Kashi Tower	118.5(130.0)	H24	Nil
EMG		121.5	H24	Nil

ZWSH 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
Kashi VOR/DME	KHG	115.7MHz CH 104X	N39° 32.8′ E076° 01.4′	1 401m	
LMM 08	X	223kHz	263° MAG/ 1050m FM THR08		
LOC 08 ILS CAT I	IXX	109.9MHz	083° MAG/ 295m FM end RWY 08		Beyond 008° leftside of front course U/S.
GP 08		333.8MHz	270° MAG/ 1322m FM ARP		120m N of RCL 283m FM THR Angle 3° , RDH 15m
DME 08	IXX	CH 36X (109.9MHz)		1 388m	Co-located with GP
LMM 26	L	210kHz	083° MAG/ 1050m FM THR26		
LOC 26 ILS CAT I	ILL	111.1MHz CH 48X	236° MAG/ 314m FM end RWY 26		Beyond 032° rightside of front course U/S
GP 26		331.7MHz	080° MAG/ 1318m FM ARP		120m N of RCL 287m FM THR Angle 3° RDH 15m
DME 26	ILL	CH 48X (111.1MHz)		1 385m	Co-located with GP
Remarks:					

ZWSH AD 2.20 本场飞行规定

1. 机场使用规定

1.1 本场多大风,停场过夜的航空器,要认真做好防风准备。

1.2 本场距备降机场远，在天气复杂情况下，要考虑增加适当的备份油量。

ZWSH AD 2.20 Local traffic regulations

1. Airport operations regulations

1.1 Overnight flight shall take some measures on wind protection due to strong wind in this airport.

1.2 The alternate airport is far away from this airport. It's advised that aircraft shall take appropriate fuel under complex weather.

2. 跑道和滑行道的使用

2. Use of runways and taxiways

滑行路线:

Taxiing routes:

RWY in use	Arrival/departure	A/C wing span	Description of taxiing route
RWY08/26	Arrival	52-65m	RWY08/26 → Turn pad → TWY B → TWY F → stand Nr.1/7/8
RWY08/26	Departure	52-65m	Stand Nr.1/7/8 → TWY F → TWY B → Turn pad → RWY08/26
RWY08/26	Arrival	⩽ 52m	RWY08/26 → TWYs A/B/C → main A (parallel RWY) → TWYs D/E/F → stand Nr.2-8
RWY08	Departure	⩽ 52m	Stand Nr.2-8 → TWYs D/E/F → main A(parallel RWY) → TWY A → RWY08
RWY26	Departure	⩽ 52m	Stand Nr.2-8 → TWYs D/E/F → main A(parallel RWY) → TWY C → Turn pad → RWY26

3. 机坪和机位的使用

3. Use of aprons and parking stands

3.1 停机位使用限制:

3.1 Limits of parking stands:

停机位 /Stands	航空器翼展限制 / Wing span limits for aircraft	机身长度限制 / Length of fuselage	滑入、滑出方式 /Enter or Exit
Nr.7L,7R	⩽ 36m	⩽ 43.5m	taxi in and push back
Nr.3-5	⩽ 48.5m	-	
Nr. 2	⩽ 52m	-	
Nr.6	⩽ 53.5m	-	
Nr.1,7,8	⩽ 65m	-	

3.2 7号停机位为7L、7R组合机位，不能与7L或7R停机位同时使用。

3.2 Stand Nr.7 is a combined stand which can not be used with stands Nr.7L and 7R simultaneously.

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

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

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

ZWSH AD 2.21 噪音限制规定及减噪程序

ZWSH AD 2.21 Noise restrictions and Noise abatement procedures

无

Nil

ZWSH AD 2.22 飞行程序

ZWSH 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

起落航线在跑道南侧，高度为1800m至2000m。

2. Traffic circuits

Traffic circuits shall be made to the south of RWY, at the altitudes of 1800m-2000m.

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

无

4. Radar procedures and/or ADS-B procedures

Nil

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

Waypoint list

10. Data for RNAV flight procedures

ID	COORDINATES	ID	COORDINATES
SH602	N393322E0761625	SH805	N392939E0754137
SH605	N392622E0761703	SH806	N392429E0754206
SH704	N391725E0761801	SH807	N392450E0754833
SH804	N393137E0754350	SCH	N3825.7E07714.5

Navigation database coding table								
Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (kt)	VPA/ TCH	Navigation Specification
RWY08 Departure SCH-08D								
CA			083		2000	MAX250		RNP1
DF	SH704			R	↑ 2400 or by ATC			RNP1
TF	SCH							RNP1
RWY26 Departure SCH-18D								
CA			263		2000	MAX250		RNP1
DF	SH704			L	↑ 2400 or by ATC			RNP1
TF	SCH							RNP1
RWY08 Arrival SCH-09A								
IF	SH704				↑ 3600			RNP1
TF	SH807				↑ 2700			RNP1

TF	SH806				↑ 2700	MAX185		RNP1
RWY08 Arrival transition SH806								
IF	SH806				↑ 2700	MAX185		RNP1
TF	SH805				↑ 2300			RNP1
TF	SH804				2300	MAX185		RNP1
RWY08 Holding (outbound time: 1min)								
HM	SH807	Y	263	L	2700	MAX230		RNP1
RWY26 Arrival SCH-19A								
IF	SH704				↑ 2700			RNP1
TF	SH605				↑ 2400	MAX185		RNP1
RWY26 Arrival transition SH605								
IF	SH605				↑ 2400	MAX185		RNP1
TF	SH602				2100	MAX185		RNP1
RWY26 Holding (outbound time: 1min)								
HM	SH605	Y	353	R	2400	MAX230		RNP1

ZWSH AD 2.23 其它资料

机场配备了驱鸟设备，机场当局采取了驱赶措施，以减少鸟群活动。

ZWSH AD 2.23 Other information

Aerodrome is equipped with bird dispersal equipment, and Aerodrome Authority resorts to dispersal methods to reduce bird activities.