

ZHES AD 2.1 机场地名代码和名称 Aerodrome location indicator(ICA0 / IATA) and name

ZHES/ENH-恩施/许家坪 ENSHI/Xujiaping

ZHES 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	N30°19.3' E109°29.2' 192 MAG , 125m from the RWY centerline.
2	机场基准点与城市的位置关系 Direction and distance from city	008 °GEO, 5.4km from the center of the Qingjiang Bridge in Enshi City
3	机场标高、基准温度、低温均值 ELEV/Reference temperature/Mean low temperature	494.9 m/33.1°C(AUG)/3.5°C(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	3 °W(1993)/-
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	Hubei Airport Group Enshi Airport Co., LTD. Xujiaping International Airport, Enshi City, Hubei Post code:445000 TEL:86-718-8412007 FAX:86-718-8411752 AFS:ZHESZPZX E-mail:yqh_0809@163.com Website:http://www.hbesairport.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/4C
9	备注 Remarks	Nil

ZHES 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	HO
3	卫生健康部门 Health and sanitation	HO
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

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

1	货物装卸设施 Cargo-handling facilities	Conveyor truck, baggage trailer, platform lift
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	Fuel truck(20000L), single nozzle flow rate 13L/s to 17L/s
5	除冰设施 De-icing facilities	1 de-icers, de-icing fluid models: Clean Wing I, FCY IV.
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 maintenace available for B737-300/400/500/700/800/900, A319/A320/A321
8	备注 Remarks	Power truck, air supply unit, towing tractor

ZHES AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	Downtown contracted hotels
2	餐饮 Restaurants	Restaurants within the terminal
3	交通工具 Transportation	Buses, taxis, ride-hailing vehicles

4	医疗设施 Medical facilities	Medical emergency room, ambulance, ventilator, defibrillator, electrocardiogram(ECG) machine, oxygen supply equipment
5	银行和邮局 Bank and Post Office	Bank ICBC self-service deposit and withdrawal machine
6	旅行社 Tourist Office	Tourist information desk inside the terminal
7	备注 Remarks	Nil

ZHES 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 7
2	援救设备 Rescue equipment	Primary rapid intervention vehicle(three-in-one), primary foam tender, heavy-duty foam tender, illumination truck, command car
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTOW up to B737-800(included) EQPT for removal: mobile surface, drawbar, lifting equipment
4	备注 Remarks	Nil

ZHES 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 Spreading truck, snow blowers, sweepers
2	扫雪顺序 Clearance priorities	RWY→TWY→Apron
3	备注 Remarks	Nil

ZHES 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 510/R/B/W/T : K5-K8 PCR 480/R/A/W/T : K1-K4
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	宽度 Width	18m
		道面 Surface	CONC
		强度 Strength	PCR 540/R/B/W/T
3	高度表校正点的位置及其标高	Nil	

	ACL location and elevation	
4	VOR 校正点 VOR checkpoints	Nil
5	INS 校正点 INS checkpoints	Nil
6	备注 Remarks	Nil

ZHES 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. Taxiing guidance signs at all holding positions. 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	THR, RWY designation, edge line, RWY center line, TDZ, aiming point, displaced THR
		跑道灯光 RWY lights	RTHL, WBAR, REDL, RCLL, RENL
		滑行道标志 TWY markings	Edge line, center line, RWY holding position, runway turn pad
		滑行道灯光 TWY lights	Edge line lights , RWY turn pad lights
3	停止排灯和跑道警戒灯 Stop bars and runway guard lights	Runway guard lights	
4	其它跑道保护措施 Other runway protection measures	Nil	
5	备注 Remarks	RWY THR WBARs are DTHR WBARs.	

ZHES 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
MT 001	MT	004/9232	770.3		
MT 002	MT	005/12890	1121		
MT 003	MT	006/12038	1192		
MT 004	MT	007/10713	904		
MT 005	MT	007/10752	915		
NATURAL_HIG HPOINT 006	NATURA L_HIGHP OINT	009/11780	1050		RWY01 Missed approach gradient 2.5% ILS/DME, GP INOP
MT 007	MT	009/14831	841		
MT 008	MT	011/2784	510.3	LGT	
NATURAL_HIG HPOINT 009	NATURA L_HIGHP OINT	013/3142	520		RWY01 Take-off path
BLDG 010	BLDG	014/12799	991		RWY01 Traditional departure
MT 011	MT	015/9808	727.2		
MT 012	MT	015/14602	861		
NATURAL_HIG HPOINT 013	NATURA L_HIGHP OINT	017/3790	520		RWY01 Take-off path

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
MT 014	MT	020/3670	529	LGT	
MT 015	MT	022/8055	639		RWY01 Take-off path
MT 016	MT	023/3585	520.3		
MT 017	MT	023/11555	813.7		RWY01 Take-off path
MT 018	MT	027/7201	638		RWY01 Take-off path
MT 019	MT	028/7034	644		RWY01 Take-off path
MT 020	MT	029/6841	646		
MT 021	MT	030/11813	830		RWY01 Take-off path
MT 022	MT	030/12196	827.5		
MT 023	MT	031/6532	680	LGT	Including the altitude of the transmission line
MT 024	MT	034/6081	701.1	LGT	
MT 025	MT	039/5426	625.8		
MT 026	MT	039/11544	988		
MT 027	MT	039/11911	1004		
MT 028	MT	042/9740	906		RWY01 RNP departure
MT 029	MT	049/8740	916		

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MT 030	MT	050/11461	915.3		
MT 031	MT	051/9239	905		
MT 032	MT	052/7413	887.8		
MT 033	MT	054/7622	870.2		
MT 034	MT	063/6140	779		
MT 035	MT	067/5161	732		
MT 036	MT	071/4912	624		
SIGN 037	SIGN	076/13848	1262		
MT 038	MT	091/4031	681.5	LGT	
Antenna 039	Antenna	108/11575	1157		
BLDG 040	BLDG	122/4520	568		
MT 041	MT	124/12275	1163		
MT 042	MT	137/12961	1164.5		
MT 043	MT	137/14605	1231.8		
MT 044	MT	144/4372	612.8		
MT 045	MT	146/9254	1001.5		Circling CAT D

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MT 046	MT	157/13700	1161.5		
MT 047	MT	159/5571	601.8		
MT 048	MT	160/14950	1129.5		
MT 049	MT	169/6917	610		
MT 050	MT	173/12700	762		
MT 051	MT	176/4666	535.9		
MT 052	MT	176/9768	673.3		
MT 053	MT	186/6366	561		RWY01 Missed approach gradient 5% ILS/DME, GP INOP Final approach RWY19 Take-off path
MT 054	MT	186/6609	580	LGT	RWY01 VOR/DME Final approach RWY19 Take-off path
MT 055	MT	187/8724	637		RWY01 Missed approach gradient 5% ILS/DME, GP INOP Final approach RWY19 Take-off path
MT 056	MT	187/11370	655		
MT 057	MT	191/12859	690		RWY19 Take-off path
MT 058	MT	192/13449	741		RWY01 ILS/DME Intermediate approach RWY01 VOR/DME Final approach RWY19 Take-off path

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
MT 059	MT	219/11754	821		
MT 060	MT	254/13051	1657		
MT 061	MT	255/6144	856.9		
MT 062	MT	264/9477	1549.5		
MT 063	MT	284/5800	1165		
Control TWR 064	Control TWR	290/300	521	LGT	
MT 065	MT	290/10243	1382		
MT 066	MT	295/5820	1189		
MT 067	MT	322/4895	800.3		
MT 068	MT	332/8781	1562		
MT 069	MT	344/5330	730		
NATURAL_HIG HPOINT 070	NATURA L_HIGHP OINT	349/6950	920		
MT 071	MT	350/1719	536		
MT 072	MT	353/10796	1280		
MT 073	MT	356/8308	908.1		

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
BLDG 074	BLDG	003/16000	1228		
MT 075	MT	010/16880	1009		
MT 076	MT	010/37043	2015		
MT 077	MT	013/34084	1754		
MT 078	MT	015/17545	1007		
MT 079	MT	017/15655	940		
MT 080	MT	020/26868	1380		RWY19 Intermediate approach
MT 081	MT	020/35748	1766		RWY19 Initial approach
MT 082	MT	021/48527	2108		
MT 083	MT	022/34250	1696		
MT 084	MT	024/34500	1424		
MT 085	MT	027/30733	1350		
MT 086	MT	031/17136	881		
MT 087	MT	067/16409	1241		
MT 088	MT	071/17535	1274		

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
MT 089	MT	079/35534	1711		RWY01 Holding, OLPOV traditional departure RWY19 IGPAP Initial approach
MT 090	MT	086/16000	1310		
Trees 091	Trees	127/34710	1981		RWY19 Holding
MT 092	MT	136/24300	1501		
MT 093	MT	137/32426	1842		RWY19 departure turn
MT 094	MT	144/30356	1496		
MT 095	MT	145/40436	2030		
MT 096	MT	147/37000	1835		
MT 097	MT	147/40666	1452		RWY01 Initial approach
MT 098	MT	147/40667	2015		
MT 099	MT	150/15903	1207		
MT 100	MT	156/63338	1945		
MT 101	MT	160/24600	1123		
MT 102	MT	166/20950	1191		
MT 103	MT	166/27205	1141		

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
MT 104	MT	168/22000	1230		
MT 105	MT	169/18472	1183		
MT 106	MT	170/27840	1149		RWY01VOR/DME Intermediate approach
MT 107	MT	176/25775	1115		
MT 108	MT	195/16475	822		
MT 109	MT	196/18360	874		
MT 110	MT	196/21000	917		
MT 111	MT	197/25891	968		
MT 112	MT	198/31312	1196		
MT 113	MT	201/34251	1297		
MT 114	MT	225/25474	1691		
MT 115	MT	250/15520	1740		
MT 116	MT	251/27795	1841		
MT 117	MT	271/35543	825		
MT 118	MT	311/42326	2123		
MT 119	MT	316/28930	2078		

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)					
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MT 120	MT	359/19026	1332		
Remarks:					

ZHES 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	Enshi Airport Meteorological Station
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 validity/Interval of issuance	Enshi Airport Meteorological Station Forecast Room;24h;6h
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
6	飞行文件及其使用语言 Flight documentation/Language(s) used	Charts, 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 forecast charts, upper-air W/T charts, satellite cloud imagery, radar, numerical forecast products, AWOS real-time data
8	提供气象情报的辅助设备 Supplementary equipment available for providing information	FAX
9	提供气象情报的空中交通服务单位 ATS units provided with information	TWR
10	其他信息 Additional information	Nil
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
3	观测系统及安装位置 Observation system/Site(s)	RVR EQPT A: 95m W of RCL, 230m inward DTHR01; B: 104m W of RCL, 964m inward DTHR01; C: 90m W of RCL, 300m inward DTHR19. SFC wind sensors 01: 95m W of RCL, 220m inward DTHR01; Middle: 104m W of RCL, 955m inward DTHR01; 19: 90m W of RCL, 315m inward DTHR19. Ceilometer 01: 15m W of RCL, 1085m outward DTHR01; 19: 90m W of RCL, 320m inward DTHR19.
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

ZHES 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
01	009 °GEO 012 °MAG	2600×45	PCR 500/R/B/W/T CONC/CONC	Nil	THR 494.9m DTHR 494.9m	0%(340m)/-0.46 %(1810m)/0%(45 0m)

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
19	189°GEO 192°MAG	2600×45	PCR 500/R/B/W/T CONC/CONC	Nil	THR 486.6m DTHR 486.6m	0%(450m)/0.46% (1810m)/0%(340 m)
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
01	60×50	60×160	2720×160	217×160	Nil	Nil
19	60×50	160×160	2720×160	114×160	Nil	Nil
Remarks: 01/19:RWY shoulder:2.5m on each side 1. THR01 displaced 190m inward; THR19 displaced 250m inwards. Runway turn pads are provided at both ends. The surface of the original runway at both ends is grooved, with an average texture depth of no less than 1.0mm. In Phase 1, grooved are carved along the extended runway, with a groove depth of 3.2mm and a groove width of 6mm. In Phase 2, the runway is extended 250m to the north, and the surface is grooved. 2. The emergency landing area is located on the east side of the runway, measuring 2600×50m, with grass. 3. The width of the RWY strip in some regions is less than 300m, with the narrowest width greater than 160m.						

ZHES 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
01	2600	2660	2660	2410	THR displaced 190m inwards
19	2600	2760	2660	2350	THR displaced 250m inwards

ZHES 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
01	PALS CAT I SFL 720 m LIH	GREEN Yes	PAPI LEFT 280m inward DTHR01 3.2 ° 14.1m	Nil	2600 m spacing 30m 0-1700m, WHITE 1700-2300m, RED/WHITE 2300-2600m, RED VRB LIH	2600 m spacing 60m 0-190m, RED 190-2000m, WHITE 2000-2600m, YELLOW VRB LIH	RED	Nil
19	SALS SFL 540 m LIH	GREEN Yes	PAPI LEFT 275m inward DTHR19 3.5 ° 16.2m	Nil	2600 m spacing 30m 0-1700m, WHITE 1700-2300m, RED/WHITE 2300-2600m, RED VRB LIH	2600 m spacing 60m 0-250m, RED 250-2000m, WHITE 2000-2600m, YELLOW VRB LIH	RED	Nil
Remarks:								

ZHES 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: 01: 90m W of RCL, 280m inward DTHR01, LGTD. 19: 90m W of RCL, 275m inward DTHR19, LGTD.
3	滑行道边灯和滑行道中线灯 TWY edge and center line lighting	All TWYs: blue edge line lights
4	备份电源及转换时间 Secondary power supply/Switch-over time	Secondary power and diesel supply available/14s
5	备注 Remarks	Nil

ZHES 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

ZHES 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
Altimeter setting region and TL/TA	A circle, radius 55km centered at VOR/DME(ENH)	TL 3600m TA 3000m 3300m(QNH≥1031hPa) 2700m(QNH≤979hPa)				

ZHES 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
TWR	Enshi Tower	118.75				
EMG		121.5				

ZHES 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
Enshi VOR/DME	ENH	114.7 MHz CH 94X	H24	N30°17.5' E109°36.1' 108 °MAG/11575m FM ARP	1147 m	For VOR: BTN 10-12.2NM on R266 ° for SID U/S.
DAYAKOU VOR/DME	DYK	111.2 MHz CH 49X	H24	N30°20.0' E109°28.9' 354 °MAG/1700m FM ARP	537 m	QNE altitude below 3600m, R235 °R350 ° clockwise U/S
MM 01		75 MHz		192 °MAG/1100m FM DTHR01		
LOC 01 ILS CAT I	IGG	110.3 MHz		012 °MAG/250m FM RWY01 end		Coverage 25km Beyond +15 °and -20 ° of front course U/S
GP 01		335.0 MHz		120m E of RCL, 297m inside DTHR01		Angle 3.2 °, RDH 16 m Coverage 25km
DME 01	IGG	CH 40X (110.3 MHz)			499m	Co-located with GP 01
MM19		75 MHz		012 °MAG/1264m FM DTHR19		U/S

ZHES AD 2.20 本场规定**ZHES AD 2.20 Local aerodrome regulations****1. 机场使用规定****1. Airport operations regulations**

所有技术试飞须事先申请,并在得到空中交通管制部门批准后方可执行。

Each and every technical test flight or exhibition 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**

机场有活动时禁止一切人员和车辆进入飞行场地,因

When there are activities at the airport, all personnel and

工作需要确实需要进入飞行场地时，需同 ATC 联系，经 ATC 许可后，在指定的时间和位置进入，保证飞行的各种特种车辆，必须在指定位置停放，严禁在机场放牧、打场。

3. 机坪和机位的使用

3.1 发动机试车要求

发机试车必须经塔台管制许可并在指定的地点进行，严禁在客机坪和滑行道试大车。

3.2 停机位限制

停机位编号/Stands Nr.	翼展限制 (m) /Wing span limits(m)	机身长度限制 (m) /Fuselage limits(m)	进出方式/Enter or Exit
K1-K8	36	40	Taxi in, Push back

3.3 滑入机位的引导要求

航空器滑入机坪由引导车引导，进入机位由机务引导。

4. 低能见度运行

无

5. 直升机飞行限制，直升机停靠区

无

6. 警告

6.1 本机场净空条件不好，周围多山，应严格按仪表

vehicles are prohibited from entering the flight area. If it is absolutely necessary to enter the flight area for work purposes, enter with ATC clearance, at the designated time and location. Special vehicles related to flight operations must park at the designated location. Grazing or playing fields at airport is strictly prohibited.

3. Use of aprons and parking stands

3.1 Engine run-up tests requirement

Engine run-ups are subject to TWR clearance, and shall be carried out at a designated location. Fast engine run-ups on apron or TWYs are strictly forbidden.

3.2 Limits of stands:

3.3 Guidance requirements for taxiing into the stands

Aircraft taxi into apron guided by the follow-me vehicle, enter stands guided by the maintenance personnel.

4. Low visibility operation

Nil

5. Helicopter operation restrictions and helicopter parking/docking area

Nil

6. Warning

6.1 The airport has poor clearance conditions and is

进近程序规定的航迹和高度飞行，特别防止航迹偏差。

surrounded by mountains. Flight must strictly follow the tracks and altitudes specified in the instrument approach procedures, with particular attention to preventing deviation of the flight path to the west.

6.2 01 号跑道端外地面起伏较大，飞行程序最后阶段中的高度以气压高度表为准。

6.2 The ground outside the RWY01 threshold has significant undulations. In the final stage of the flight procedure, altitude should be based on the pressure altimeter.

ZHES AD 2.21 减噪程序

ZHES AD 2.21 Noise abatement procedures

1.1 为减小噪音对地面的影响，在航空器起飞性能允许情况下，尽可能使用减推力起飞。

1.1 To minimize the impact of noise on the ground, takeoff with reduced thrust should be used whenever the aircraft's performance permits.

1.2 在保证安全超障和飞行程序最低爬升梯度的条件下，要求飞行员执行减噪飞行操作程序。

1.2 Under the condition of ensuring safe obstacle clearance and the minimum climb gradient of the flight procedure, pilots are required to execute noise reduction flight operations.

1.3 如果由于非管制原因不执行减噪飞行操作程序时，飞行员须在起飞前通报塔台管制并说明原因。

1.3 If the noise reduction flight operation procedure is not followed due to non-control reasons, the pilot must inform the TWR Control before takeoff and provide the reason.

1.4 离港航空器起飞爬升至场压高(450)m，起始爬升速度 $V_2+20\text{km/h}(10\text{kt})$ ，开始减功率/推力，减小机身角/俯仰角，保持可靠上升率和起飞襟翼/缝翼继续爬升。

1.4 The departing aircraft should climb to the field pressure altitude (450)m after takeoff, with initial climb speed of $V_2+20\text{km/h}(10\text{kt})$. Power/thrust reduction should begin, and the pitch attitude should be lowered to reduce the aircraft's angle of attack. The aircraft should maintain in a reliable climb rate, with takeoff flaps/slats set for continued climb.

1.5 保持减功率/推力和可靠的上升率，到达场压高

1.5 Maintain reduced power/thrust and a reliable climb

(900)m 以上时, 平稳加速至航路爬升速度, 按规定收襟翼/缝翼。

rate. When reaching the field pressure altitude (900)m and above, gradually accelerate to the enroute climb speed, and retract flaps/slats as required.

ZHES AD 2.22 飞行程序

1. 总则

除经塔台特殊许可外, 在恩施机场管制地带内的飞行, 必须按照仪表飞行规则进行。

1. General

Flights within the controlled airspace shall operate under IFR unless special clearance has been obtained from Tower Control.

2. 起落航线

起落航线限在跑道东侧进行, 高度 1200m, 航线宽度不大于 6km, 严禁五边航迹偏西。

2. Traffic circuits

Traffic circuits shall be made to the east of RWY, at the altitude of 1200m, with circuit width not exceeding 6km. Deviation of the final approach course to the west is strictly prohibited.

3. 仪表飞行程序

3.1 严格按照航图中公布的进、离场程序和进近程序飞行。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

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.

3.2 由于本场净空条件限制, 最后进近航迹与跑道延长线有 17° 交角, 19 号跑道采用有航迹引导的目视进近程序。

3.2 Due to the clearance limitations at this airport, the final approach path forms a 17° angle with the extended runway centerline. RWY19 uses a visual approach procedure with a guided approach path.

3.3 等待

具体等待空域及等待高度以航图为准。

3.3 Holding

The specific holding airspace and holding altitude shall be based on the aeronautical chart.

3.4 优先着陆

3.4 Priority landing

根据本场净空条件，不宜进行优先着陆。特殊情况需要实施优先着陆的航空器，在征得 ATC 同意后，根据 ATC 指令及仪表进近程序进行。

4. 雷达程序和/或 ADS-B 程序

无

5. 无线电通信失效程序

参见 AIP 总则 3.4.5 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。

6. 目视飞程序

无

7. 目视飞行航线

无

8. 其它规定

无

According to the airspace clearance conditions, priority landing is not recommended. Aircraft requiring priority landing under special circumstances should proceed according to ATC instructions and the instrument approach procedure after obtaining ATC approval.

4. Radar procedures and/or ADS-B procedures

Nil

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. Procedures for VFR flights

Nil

7. VFR route

Nil

8. Other regulations

Nil

ZHES AD 2.23 其它资料

鸟情资料

1.1 鸟情简介

机场及周边地区共有鸟类 169 种，其中留鸟 95 种，候鸟 74 种。危险性较高的鸟种有 11 种，包含：灰头麦鸡、猫头鹰、棕鸟、家燕、凤头麦鸡、丘鹬、黄爪隼、火斑鸠、林鹬、针尾沙锥、夜鹭；鸟类种数和个体数量表现为：1 至 3 月为低位稳定期，4 月为上升期，5 月为高位稳定期，6 月为下降期，7 至 8 月为低位稳定期，9 月为上升期，10 月为高位稳定期，11

ZHES AD 2.23 Other information

Bird's information

1.1 Bird species Overview

There are a total of 169 bird species in the airport and surrounding areas, including 95 resident species and 74 migratory species. There are 11 species considered to be of higher risk, including: Gray-headed Lapwing, Owl, Starling, Barn Swallow, Grested Lapwing, Wood Sandpiper, Peregrine Falcon, Common Ground Dove, Woodcock, Needle-tailed Swift, and Night Heron. The

月为下降期，12 月低位稳定期。其中 4、5、10、11 月为候鸟迁徙阶段，恩施机场正处于由南向北的迁徙通道上，此期间鸟类种类及数量变化较大，活动更为频繁。

bird species and population numbers follow this pattern: from January to March, the population is at a stable low point; April is the rising period; May is the stable high period; June is the declining period; July to August is the stable low period; Spetember is the rising period; October is the stable high period; November is the declining period; and December is the stable low period. Among these, April, May, October, and November are the migratory phases for migratory birds. Enshi Airport is located along the migration route from south to north, and during this period, there are significant changes in bird species and numbers, with more frequent activities.

1.2 鸟害防治

机场采取多种鸟害防范设备设施，如驱鸟煤气炮、驱鸟车、猎枪、拦鸟网、驱鸟假人、声波驱鸟器、激光驱鸟器、高空驱鸟弹等，以及化学驱鸟药剂，如杀虫药剂、除草剂、氨水等进行鸟害防治。

1.2 Bird strike prevention and control

The airport employs various bird strike prevention devices and facilities, such as bird repellent gas cannons, bird repellent vehicles, shotguns, bird nets, bird scarecrows, sonic bird repellers, laser bird repellers, high-altitude bird repellent shells, as well as chemical bird repellents, including insecticides, herbicides, and ammonia solutions for bird strike control.

1.3 鸟情信息

鸟情信息参考表

Bird activity information reference table

鸟种名 Bird name	主要活动时间 Main activity time	飞行高度 Flying altitude	活动习性 Activity habits
灰头麦鸡 Grey- headed lapwing	春秋季 Spring and autumn	0-200m	集群活动 Group activity
猫头鹰	冬春季	0-200m	单独活动

Owl	Winter and spring		Solitary activity
棕鸟 Starling	全年 Whole year	0-100m	单独或集群活动 Solitary or group activity
家燕 House martin	春秋季 Spring and autumn	0-100m	单独或集群活动 Solitary or group activity
凤头麦鸡 Crested lapwing	春秋季 Spring and autumn	0-200m	集群活动 Group activity
丘鹬 Bar-tailed godwit	春秋季 Spring and autumn	0-200m	集群活动 Group activity
黄爪隼 Yellow-legged falcon	全年 Whole year	0-300m	单独活动 Solitary activity
火斑鸠 Red-spotted dove	春秋季 Spring and autumn	0-200m	集群活动 Group activity
林鹬 Wood-sandpiper	全年 Whole year	0-100m	单独或集群活动 Solitary or group activity
针尾沙锥 Pin-tailed sandgrouse	全年 Whole year	0-100m	单独或集群活动 Solitary or group activity
夜鹭 Night heron	春秋季 Spring and autumn	0-400m	单独或集群活动 Solitary or group activity