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

ZBHH/HET-呼和浩特/白塔 HOHHOT/Baita

ZBHH 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	N40°50.9′ E111°49.4′ Center of RWY
2	机场基准点与城市的位置关系 Direction and distance from city	089 °GEO, 14.3km from Hohhot Railway Station
3	机场标高、基准温度、低温均值 ELEV/Reference temperature/Mean low temperature	1083.9 m/29.3℃(JUL)/-20.5℃(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	6°6′W(2021)/3′24″
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	Inner Mongolia Autonomous Regional Civil Aviation Airport Group CO.LTD,Hohhot Branch , China Post code:010070 TEL:86-471-2901515/2901414 AFS:ZBHHZXZX
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

ZBHH 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	HS or O/R
3	卫生健康部门 Health and sanitation	H24
4	航空情报服务讲解室 AIS Briefing Office	HS or O/R
5	空中交通服务报告室 ATS Reporting Office	HS or O/R

6	气象服务讲解室 MET Briefing Office	HS or O/R
7	空中交通服务 Air Traffic Service	HS or O/R
8	加油服务 Fuelling	HS or O/R
9	地勤服务 Handling	HS or O/R (prior 2 hours notice required)
10	安保服务 Security	HS or O/R
11	除冰服务 De-icing	HS or O/R (prior 2 hours notice required)
12	备注 Remarks	Nil

ZBHH 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 handling, cargo towing tractor, dolly
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 trucks (20000/45000/49000/50000 liters); 13L/s
5	除冰设施 De-icing facilities	13 De-icers Deicing apron: stands Nr.25-32. Idle deicing position: ①, ②, ③, ④, ⑤, ⑥
6	过站航空器机库 Hangar space for visiting aircraft	Available for CESSNA-208B
7	过站航空器的维修设施 Repair facilities for visiting aircraft	1.Line maintenance available for aircraft type of B737-300/400/700/800/900, B787, EMB-145, CRJ900, ARJ21-700, A319/320/321, A330, CESSNA-208B on request. 2.Scheduled inspection, maintainance, retrofitting, landing gear replacement of CESSNA-208B, and engine replacement of PT6A-140.
8	备注 Remarks	Nil

ZBHH 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, car hire, subway and buses
4	医疗设施 Medical facilities	First-aid center at AD, hospital 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

ZBHH 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	Primary fire-fighting tender, rapid intervention vehicle, heavy-duty foam tender, medium-load foam tender, water tank truck, dry-chemical tender, illumination truck, disassembly rescue truck, firefighting commander, fire rescue support car, rescue hoisting equipment
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTWA up to B747-400 and equivalent. Removal equipment: moving trailer, traction rack, tethered hoisting equipment, uplift air cushion, gas distributor, air compressor, sleeper, rubber pad, steel plate, macadam, tractor, crane, etc
4	备注 Remarks	Nil

ZBHH 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 blowers, snow ploughs, snow slinger, sprayers, road sweeper
2	扫雪顺序 Clearance priorities	RWY, TWY, Apron
3	备注 Remarks	Nil

ZBHH 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 890/R/A/W/T : Stands Nr.33-52 PCR 850/R/A/W/T : Stands Nr.9-17, 25-32 PCR 650/R/A/W/T : Stands Nr.1A-8, 18-24 PCR 350/R/A/W/T : Stands Nr.61-66
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	宽度 Width	38m : N 34m : G 32.5m : A(connected with RWY), F 28.5m : B, C, D, E 23m : A(main A), H, J 18m : K
		道面 Surface	CONC_ASPH
		强度 Strength	PCR 1600/R/C/W/T : F PCR 1230/F/B/X/T : J PCR 1190/R/A/W/T : A PCR 940/R/A/W/T : N PCR 810/R/A/W/T : B, C, D, E PCR 750/R/A/W/T : H PCR 690/R/C/W/T : G PCR 320/R/B/W/T : K
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	Nil	

ZBHH 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 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, Center circle, END
		跑道灯光 RWY lights	RTHL, REDL, RCLL, RENL
		滑行道标志 TWY markings	Edge line, center line, TWY shoulder marking, No-entry, information signs, RWY holding position, intermediate holding position
		滑行道灯光 TWY lights	Edge line lights, center line lights(A, B, C, D, E, J)
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	Aircraft number signs at the bridge of stands 2-17, 33-36, 39, 40 and the ground of stands 1, 1A, 18-32, 37, 38, 41-52, 61-66. Blue apron edge line lights. Information signs for TWY "Maximum wingspan".	

ZBHH AD 2.10 机场障碍物 Aerodrome obstacles

半径 15 千米内主要障碍物 (相对 08/26 跑道中心)
Obstacles within a circle with a radius of 15km (centered on the center of RWY 08/26)

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
WATER_TOWER 001	WATER_TOWER	003/1045	1126.2	LGT	
MT 002	MT	007/13912	1669.9		

半径 15 千米内主要障碍物 (相对 08/26 跑道中心)
Obstacles within a circle with a radius of 15km (centered on the center of RWY 08/26)

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 003	MT	019/12157	1531.9		
WATER_TOWER 004	WATER_TOWER	021/2265	1122.9		
MT 005	MT	038/13076	1309.9		
MT 006	MT	051/14543	1320.9		
MT 007	MT	074/14771	1295.9		
Antenna 008	Antenna	077/5974	1133.9		RWY08 Take-off path
Antenna 009	Antenna	079/2060	1087.2	LGT	
LIGHTHOUSE 010	LIGHTHOUSE	097/4302	1117		
TOWER 011	TOWER	113/4873	1136.9		
BLDG 012	BLDG	202/13318	1205.5		
STACK 013	STACK	249/10123	1208	LGT	
BLDG 014	BLDG	255/14068	1214		
TOWER 015	TOWER	258/7243	1138.4		RWY26 Take-off path
BLDG 016	BLDG	259/14132	1226.6	LGT	RWY08 GP INOP
Antenna 017	Antenna	260/5365	1095.9		
BLDG 018	BLDG	263/14251	1167.9		

半径 15 千米内主要障碍物 (相对 08/26 跑道中心)

Obstacles within a circle with a radius of 15km (centered on the center of RWY 08/26)

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
BLDG 019	BLDG	275/5549	1130	LGT	
STACK 020	STACK	285/3369	1119.7		
STACK 021	STACK	305/11714	1347.5		
MT 022	MT	315/14843	1560.9		
MT 023	MT	321/12502	1553.9		
STACK 024	STACK	334/3222	1124		
Control TWR 025	Control TWR	338/715	1114.9	LGT	
MT 026	MT	341/11801	1580.9		
Antenna 027	Antenna	345/1080	1118.9	LGT	
NATURAL_HIGHPOINT 028	NATURAL_HIGHPOINT	345/10199	1500		Circling CAT D
MT 029	MT	348/9407	1352.2		
Control TWR 030	Control TWR	350/697	1150.2		

半径 15 千米-50 千米内主要障碍物 (相对 08/26 跑道中心)

Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 08/26)

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 031	MT	030/16491	1816		
MT 032	MT	047/26492	2165		
NATURAL_HIGHPOINT 033	NATURAL_HIGHPOINT	050/32279	2216		MVA Sector
MT 034	MT	050/33277	2206		
MT 035	MT	059/22162	1768		
NATURAL_HIGHPOINT 036	NATURAL_HIGHPOINT	064/53508	2070		MVA Sector
NATURAL_HIGHPOINT 037	NATURAL_HIGHPOINT	065/70632	2160		MVA Sector
MT 038	MT	067/18539	1484		
MT 039	MT	072/18524	1389		
MT 040	MT	075/16817	1317		
NATURAL_HIGHPOINT 041	NATURAL_HIGHPOINT	084/28580	1650		RWY26 Intermediate approach
MT 042	MT	088/24868	1576		
NATURAL_HIGHPOINT 043	NATURAL_HIGHPOINT	089/27110	1655		RWY26 Initial approach
NATURAL_HIGHPOINT 044	NATURAL_HIGHPOINT	093/38814	1940		

半径 15 千米-50 千米内主要障碍物 (相对 08/26 跑道中心)
Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 08/26)

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 045	MT	095/36133	1920		
MT 046	MT	096/15834	1348		
NATURAL_HIGHPOINT 047	NATURAL_HIGHPOINT	101/32396	1760		
NATURAL_HIGHPOINT 048	NATURAL_HIGHPOINT	102/22743	1471		MVA Sector
MT 049	MT	129/49970	2304		Sector，MVA Sector
MT 050	MT	145/45895	1922		
MT 051	MT	169/45794	1870		
STACK 052	STACK	211/17147	1219		
STACK 053	STACK	239/26172	1250		
STACK 054	STACK	248/34336	1231	LGT	
STACK 055	STACK	249/34820	1200		
STACK 056	STACK	249/34820	1229		
STACK 057	STACK	257/19978	1254		MVA Sector
STACK 058	STACK	258/19799	1225		

半径 15 千米-50 千米内主要障碍物 (相对 08/26 跑道中心)
Obstacles between two circles with the radius of 15km and 50km (centered on the center of RWY 08/26)

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
NATURAL_HIGHPOINT 059	NATURAL_HIGHPOINT	263/33952	1777		MVA Sector
MT 060	MT	275/37860	2213		
NATURAL_HIGHPOINT 061	NATURAL_HIGHPOINT	275/46501	2260		MVA Sector
NATURAL_HIGHPOINT 062	NATURAL_HIGHPOINT	282/54983	2280		MVA Sector
NATURAL_HIGHPOINT 063	NATURAL_HIGHPOINT	288/33425	2140		MVA Sector
MT 064	MT	293/29947	2081		MVA Sector
MT 065	MT	329/15076	1786		
TOWER 066	TOWER	331/18135	2206	LGT	RWY26 Traditional departure, MVA Sector

Remarks:

ZBHH 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	Inner Mongolia ATMB MET office of CAAC
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	Inner Mongolia ATMB MET office of CAAC;9h, 24h;3h, 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
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	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
9	提供气象情报的空中交通服务单位 ATS units provided with information	ACC, 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: 120m S of RCL, 356m inward THR08 B: 120m S of RCL, 1800m inward THR08 C: 120m S of RCL, 391m inward THR26 SFC wind sensors 08: 120m S of RCL, 341m inward THR08 RWY center: 120m S of RCL, 1700m inward THR08 26: 120m S of RCL, 376m inward THR26 Ceilometer 08: 120m S of RCL, 326m inward THR08 26: 120m S of RCL, 361m inward THR26
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

ZBHH 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
08	072.75 °GEO 079 °MAG	3600×45	PCR 1110/R/A/W/T CONC/-	Nil	THR 1070.2m	0.4%
26	252.75 °GEO 259 °MAG	3600×45	PCR 1110/R/A/W/T CONC/-	Nil	THR 1083.9m	-0.4%

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
08	Nil	400×150	3720×300	240×116	Nil	Nil
26	Nil	200×150	3720×300	240×120	Nil	Nil
Remarks:						

ZBHH 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
08	3600	4000	3600	3600	Nil
26	3600	3800	3600	3600	Nil
26	3500	3700	3500	3600	FM J

ZBHH 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
08	PALS CAT I SFL 900 m LIH	GREEN Nil	PAPI LEFT 320m inward THR08 3° 17.2m	Nil	3600 m spacing 30m 0-2700m, WHITE 2700-3300m, RED/WHITE 3300-3600m, RED LIH	3600 m spacing 60m 0-3000m, WHITE 3000-3600m, YELLOW LIH	RED	Nil
26	PALS CAT I SFL 900 m LIH	GREEN Nil	PAPI LEFT 355m inward THR26 3° 16.8m	Nil	3600 m spacing 30m 0-2700m, WHITE 2700-3300m, RED/WHITE 3300-3600m, RED LIH	3600 m spacing 60m 0-3000m, WHITE 3000-3600m, YELLOW LIH	RED	Nil
Remarks:								

ZBHH 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: 08:119m N of RCL, 219m inward THR08, white lights 26:105m S of RCL, 445m inward THR26, white lights
3	滑行道边灯和滑行道中线灯 TWY edge and center line lighting	TWYs A, B, C, D, E, J: green center line lights All TWYs: blue edge line lights
4	备份电源及转换时间 Secondary power supply/Switch-over time	Standby power supply available/＜15sec, for HUD Special CAT II operation switch-over＜1sec
5	备注 Remarks	Nil

ZBHH 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

ZBHH 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
Hohhot control zone	A circuit, 2 arcs with radius 13km centered at centers of both THRs and 2 parallel lines of 13km FM RWY centerline.	QNH 1800m or below				
Hohhot tower control area	A circuit, 2 arcs with radius 13km centered at centers of both THRs and 2 parallel lines of 13km FM RWY centerline.	QNH 1800m or below				

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
Fuel Dumping Area	N4051E11132-N4210E11200-N4204E11236-N4045E11207-N4051E11132	4200m and above				See Fuel Dumping Area Chart
Altimeter setting region and TL/TA	Same as Hohhot approach control area	TL 3600m TA 3000m 2700m(QNH≤979hPa) 3300m(QNH≥1031hPa)				

ZBHH 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		126.25			H24	
APP	Hohhot Approach	APP01:124.85 (119.075)			H24	
		APP02:123.85 (119.075)			by ATC	Contact APP01 when APP U/S.
TWR	Hohhot Tower	118.1 (124.35)			H24	
GND	Hohhot Ground	121.9				DCL available
APN	Hohhot Apron	121.65 (121.975)			H24	
OP-CTL	Operation Control	128.875			HO	
EMG		121.5				

ZBHH 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
Hohhot VOR/DME	HET	116.9 MHz CH 116X	H24	N40°43.5′ E111°54.0′	1095 m	
LOC 08 ILS CAT I	IFX	108.9 MHz		079 °MAG/260m FM RWY08 end		Beyond 14NM of front course U/S; beyond 8 °leftside of front course U/S; Coverage 25.9km
GP 08		329.3 MHz		120m S of RCL, 298m inside THR08		Angle 3 °, RDH 16.2 m Coverage 18.5km
DME 08	IFX	CH 26X (108.9 MHz)			1079m	Co-located with GP 08 Coverage 50km
LOC 26 ILS CAT I	IKJ	109.5 MHz		259 °MAG/280m FM RWY26 end		Beyond 17 °rightside of front course U/S; Coverage 46km
GP 26		332.6 MHz		120m S of RCL, 335m inside THR26		Angle 3 °, RDH 15 m Coverage 42km
DME 26	IKJ	CH 32X (109.5 MHz)			1091m	Co-located with GP 26 Coverage 50km

ZBHH AD 2.20 本场规定

1. 机场使用规定

1.1 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。

1.2 航空器在得到管制员发布的可以拖动、推出的管制许可指令后，机组或机务人员应在 5min 之内执行；

ZBHH AD 2.20 Local aerodrome regulations

1.Airport operations regulations

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

1.2 Flight crew or maintenance crew shall drag or push back the aircraft within 5 minutes after obtained

若超过 5min，管制指令自动取消，机组或机务人员需重新申请。

clearance from ATC; 5 minutes later ATC clearance automatically canceled, shall request again.

1.3 所有出港航空器在离地后首次联系进近管制室时应主动报告当时高度（米制单位）。

1.3 All departure aircrafts shall inform flight altitude (Metric unit) to APP Controller on the initial contact.

1.4 本场实施机坪运行管理，由呼和机坪负责所有航空器在机坪管制区(RWY08/26 以北全部投用的停机位。L01-L11 滑行线路全段)的推出、开车、滑行和其他涉及航空器运行的指挥工作。

1.4 APN operation implements in the airport and all aircrafts push-back, start-up, taxiing and other operations in the APN control area (all the parking stands in use at the north of RWY08/26; L01-L11) shall follow the instructions of APN.

1.5 机组可通过 PDC 和管制指令两种方式获得放行许可，机组在收到放行许可后，应当在报告准备好开车前 5min 向呼和塔台或呼和地面复诵放行许可。

1.5 Flight crew shall obtain delivery clearance by PDC or ATC instructions. After that, flight crew shall repeat delivery clearance to TWR or GND 5 minutes before reporting "ready to start-up".

1.6 离港航空器由呼和机坪负责推出、开车、滑行指令的发布。

1.6 Departure aircraft shall obtain push-back, start-up and taxiing instructions from APN.

1.7 进港航空器在脱离跑道首次与管制员联系时，必须向管制员报告脱离道；出港航空器在首次与管制员联系时，必须向管制员报告停机位。

1.7 Arrival aircraft inform "Vacated RWY" to ATC on the initial contact. Departure aircraft shall inform parking stand to ATC on the initial contact.

1.8 本场 1-3、5-17、12A、33、35、37-41 号机位可实施边推边开程序，如不能执行需提前通报机坪管制。1A、4、18-32、34、36、36W、42-52、46L、61-66 号机位不可实施边推边开程序。

1.8 Aircraft from stands Nr.1-3, 5-17, 12A, 33, 35, 37-41 can execute push back and start up at the same time, report to APN controller in advance if can not execute. Aircraft from stands Nr.1A, 4, 18-32, 34, 36, 36W, 42-52, 46L, 61-66 can not execute push back and start up at the same time.

2. 跑道和滑行道的使用

2. Use of runways and taxiways

2.1 若航空器需申请拖车服务，申请人员可通过电话或甚高频向机场运行指挥中心申请。

2.1 If necessary, flight crew could apply for towing service by telephone or VHF via Operation Control Center of Airdrome.

2.2 B747-8 备降进港时，可经 F 滑行道、L10 东段或 N 滑行道、L10 西段，进入 35、36 号机位；出港时，可使用 L10 滑行道，经 F 滑行道或 N 滑行道滑出机坪；翼展大于 36m 的航空器使用 46L 号机位时，必须经 N 滑行道、L09 滑行道进入 46L 号机位（翼展为 65m（含）以上机型仅限 B747-8 备降使用）。J 滑行道满足翼展为 65m（不含）机型及以下滑行，起飞时仅满足翼展为 36m（不含）及以下机型使用；J 滑行道中间等待位置只能停翼展为 52m（不含）及以下机型。

2.2 B747-8 alternate shall enter stands Nr.35, 36 via TWY F, east part of TWY L10 or TWY N, west part of TWY L10; the aircraft shall taxi out of apron via TWY F or TWY N and using TWY L10 for departure. Aircraft with wing span more than 36m(aircraft with wing span not less than 65m only be used for B747-8 alternate) shall enter into stand Nr.46L via TWY N and TWY L09. TWY J AVBL for aircraft with wing span less than 65m taxiing and AVBL for departure aircraft with wing span less than 36m taxiing. Intermediate holding position on TWY J AVBL for aircraft with wing span less than 52m.

2.3 滑行道的滑行限制：

2.3 滑行道的滑行限制/Taxiing limits:

滑行道/TWY	航空器翼展限制/wing span limits for aircraft
TWY N, F, L10, L09(west of stand Nr.46L)	65m(alternate B747-8 can passable)
TWY G, L02, L08	65m
TWY H, L01, L04, L05, L06	52m
TWY L03, L07, L09(east of stand Nr.46L)	36m
TWY K, L11	28m

2.4 为规范跑道占用时间，提高跑道容量，做出以下规定（湿跑道或污染跑道除外）：

2.4 Except for wet RWY or contaminated RWY, requirement as follows to increase RWY operation capacity:

2.4.1 起飞航空器

2.4.1 For departure aircraft

a.在前机为起飞、落地或跑道未被占用时，起飞的航空器从接到管制员进跑道指令至对正跑道应不超过 50s；

a.While preceding aircraft is departing /landing or the RWY is not occupied, departure aircraft shall finish RWY alignment within 50 seconds after receiving ATC

instructions of entering RWY.

b.如果机组认为无法在上述要求的时间内完成，须在到达跑道外等待点之前向塔台管制员说明。

b.If flight crew consider that they can not fulfill the process within the required time, pilot shall inform TWR ATC controller before reaching the RWY holding point.

2.4.2 落地航空器

2.4.2 For landing aircraft

a.中型机(含)以下机型从飞越跑道入口至完全脱离跑道应不超过 50s；

a.Aircraft of medium type and below shall fully vacate RWY within 50 seconds after flying over RWY threshold.

b.重型机(含)以上机型从飞越跑道入口至完全脱离跑道应不超过 70s；

b.Aircraft of heavy type and above shall fully vacate RWY within 70 seconds after flying over RWY threshold.

c.如果机组认为无法在上述要求的时间内完成，须最晚不迟于三转弯或建立航向道之前通知管制员。

c.If flight crew consider that they can not fulfill the process within the required time, pilot shall inform ATC controller no later than base turn or the localizer is established.

2.5 满足下列条件之一时，需转换本场跑道方向：

2.5 If one of the following conditions is met, the runway direction shall be changed:

2.5.1 当气象自动观测系统显示跑道顺风分量达到 3m/s，且有增大趋势时；

2.5.1 When the automatic meteorological observation system shows that the downwind component of the runway reaches 3m/s and has a trend of increasing continuously;

2.5.2 湿跑道或者污染跑道条件下，当气象自动观测系统显示跑道为顺风，且有继续增大趋势时；

2.5.2 Under the condition of wet or contaminated RWY, when the automatic meteorological observation system shows that the runway is downwind and has a trend of increasing continuously.

2.5.3 在转换使用跑道方向过程中，使用跑道的顺风分量大于 3m/s 但小于 5m/s 时，管制员通知航空器驾

2.5.3 During changing the operation direction of RWY, when ATC informs crews downwind component exceeds

驶员地面风向、风速，如果因为航空器性能限制等原因无法接受时，航空器驾驶员立即告知管制员，塔台立即更换跑道。

3m/s, but less than 5m/s, if this is not acceptable due to aircraft performance or operation handbook, crews shall inform ATC immediately, and TWR will change the runway direction immedately.

2.6 如果机组使用非全跑道起飞，需要提前向塔台管制员申请。

2.6 It is available to use partial runway to take-off when flight crew get permission from TWR ATC.

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 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(m)	机身长度限制/Fuselage limits(m)
Nr.35, 36	69	84
Nr.46L	69	78.5
Nr.37-40	65	80.5
Nr.41	65	75.9
Nr.14	65	71
Nr.12A	64.94	69.9
Nr.29	52	55.4
Nr.18,	51	55
Nr.26	50.5	55.4
Nr.7-9	48	60.6
Nr.12	36	66
Nr.13	36	64.5
Nr.5, 10	36	63.8
Nr.6	36	60

Nr.25, 27, 28, 30, 31, 46, 47	36	55.4
Nr.32	36	55.36
Nr.11	36	55.3
Nr.19, 20	36	55
Nr.15, 17, 34	36	52.5
Nr.36W	36	49.5
Nr.44, 45	36	46
Nr.42, 48-52	36	45
Nr.3, 4	36	44.6
Nr.2, 22-24	36	39.5
Nr.43	35	46
Nr.1	30	37
Nr.16, 33	29	52.5
Nr.61-66	27.3	33.5
Nr.21	27	38.2
Nr.1A	21	32.1

3.2 发动机试车，须经机坪管制许可，并在机场运行指挥中心指定机位进行。

3.2 Engine run-ups are subject to APN control clearance, and shall be carried out at a designated stand via Operation Control Center of airdrome .

3.3 本场新增机坪滑行路径见下表，使用时需获得机坪管制许可。

3.3 Aircraft shall taxi along the following apron taxiing route with clearance from apron controller.

使用方向/RWY for departure/arrival	路径名称/Route ID	详细路径/Taxiing route
RWY26(departure)	ROUTE1	L11→L08→L10→L02→L04→H→L03(holding before L03)

	ROUTE2	L11→L08→L10→L02→G→L01(holding before L01)
RWY26(arrival)	ROUTE3	N→L10→L02→L04→L06
RWY08(departure)	ROUTE4	L06→L04→L02→L10→N→L07(holding before L07)
	ROUTE5	L06→L04→L02→F→L01(holding before L01)
RWY08(arrival)	ROUTE6	H→L04→L02→L10→L08→L11

3.4 停机位 APU 替代设施

3.4 Equipment replace APU on the following stands:

廊桥机位/Boarding bridge	地面电源系统/Ground power unit	地面电源功率/Ground power supply（KW）	地面空调系统/Ground air supply unit	地面空调额定制冷量/Rated Refrigerating capacity（KW）	地面空调额定制热量 / Rated Heating capacity（KW）
9-13, 17, 33, 34	AN17PC090H	90	JDFX160	164.41	109

4. 低能见度运行

无

4. Low visibility operation

Nil

5. 直升机飞行限制，直升机停靠区

无

5. Helicopter operation restrictions and helicopter parking/docking area

Nil

6. 警告

无

6. Warning

Nil

ZBHH AD 2.21 减噪程序

无

ZBHH AD 2.21 Noise abatement procedures

Nil

ZBHH AD 2.22 飞行程序

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。

2. 起落航线

白天起落航线在跑道两侧均可，夜间只限在跑道南侧进行，高度 1400－1600m。

3. 仪表飞行程序

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指定的航路、导航台或定位点上空等待或做机动飞行。

3.2 26 号跑道运行五边进近时，航空器应保持 IAS170kt-180kt 至距跑道接地点 10NM，如果不能执行，机组应在 IAF 前通知 ATC 可用的速度。

4. 雷达程序和/或 ADS-B 程序

4.1 呼和浩特进近管制区域内实施雷达管制，航空器最小水平间隔为 5.6km。

ZBHH AD 2.22 Flight procedures

1. General

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

2. Traffic circuits

Traffic circuits shall be made to both sides of RWY during daytime, traffic circuits shall be made to south side of RWY at night, at the altitudes of 1400m-1600m.

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 On RWY26 final course, maintain IAS 170kt-180kt until 10NM from the touch down point, If can not be implemented, report to ATC the available speed before IAF.

4. Radar procedures and/or ADS-B procedures

4.1 Radar control within Hohhot APP has been implemented.The minimum horizontal radar separation is 5.6km.

4.2 最低监视引导高度扇区 4.2 Surveillance Minimum Altitude Sectors

Sector 1	ALT limit: 1600m or above
N403952E1111100- N404258E1111948- a counter clockwise circle with a radius of 17km centered on N405110E1112519-N404927E1113713- N405328E1115401- N403859E1115757- N401135E1111100- N403952E1111100	
Sector 2	ALT limit: 1800m or above
N404227E1112125- N404251E1112720- N404536E1113223- N404716E1113507- a counter clockwise circle with a radius of 6km centered on N404948E1113227- N405001E1113643- N405102E1114107- N405254E1114610- N405355E1115205- N405254E1115818- N404726E1120234- N404507E1120445- N404128E1120906- N403909E1120739- N403644E1115758- N403134E1115157- N403050E1114351- N403859E1115757- N405328E1115401- N404927E1113713- a clockwise circle with a radius of 17km centered on N405110E1112519- N404227E1112125	
Sector 3	ALT limit: 2100m or above
N404251E1112720- N404516E1112917- N405201E1113325- N405228E1113930- N405603E1114834- N405528E1120253- N405721E1121051- N405647E1121139- N405245E1120842- a counter clockwise circle with a radius of 6km centered on N405109E1121223- N404937E1120840- N404608E1121125- N404111E1121326- N403956E1121246- N403202E1120059- N403132E1115732- a counter clockwise circle with a radius of 6.6km centered on N402800E1115820- N402759E1115338- N395713E1115452- N395630E1111100- N401135E1111100- N403050E1114351- N403134E1115157- N403644E1115758- N403909E1120739- N404128E1120906- N404507E1120445- N404726E1120234- N405254E1115818- N405355E1115205- N405254E1114610- N405102E1114107- N405001E1113643- a clockwise circle with a radius of 6km centered on N404948E1113227- N404716E1113507- N404536E1113223- N404251E1112720	
Sector 4	ALT limit: 2550m or above
A circle with a radius of 6km centered on N405854E1114202	
Sector 5	ALT limit: 2700m or above
N410059E1111100- N411427E1113716- N405540E1115800- N405528E1120253- N405721E1121051- a counter	

clockwise circle with a radius of 18.7km centered on N410438E1120136- N410431E1121457- a counter clockwise circle with a radius of 14.9km centered on N410931E1120634- N410533E1121552 - a counter clockwise circle with a radius of 10km centered on N410646E1122249- N410148E1122000- N410838E1124325- N412736E1124308- N412836E1111100- N410059E1111100	
Sector 6	ALT limit: 2400m or above
N405721E1121051- N405647E1121139- N405245E1120842- a counter clockwise circle with a radius of 6km centered on N405109E1121223- N404937E1120840- N404608E1121125- N404111E1121326- N403956E1121246- N403202E1120059- N403132E1115732- a counter clockwise circle with a radius of 6.6km centered on N402800E1115820- N402759E1115338- N395713E1115452- N395719E1120254- N400407E1121017- N402230E1123022- N403222E1121456- a clockwise circle with a radius of 9km centered on N403600E1121910- N403954E1121521- N404322E1122121- a clockwise circle with a radius of 8.5km centered on N403946E1122506- N404412E1122641- N403958E1124350- N405402E1124338- N410148E1122000- a clockwise circle with a radius of 10km centered on N410646E1122249- N410533E1121552- a clockwise circle with a radius of 14.9km centered on N410931E1120634- N410431E1121457- a clockwise circle with a radius of 18.7km centered on N410438E1120136- N405721E1121051	
Sector 7	ALT limit: 2500m or above
N410838E1124325- N410148E1122000- N405402E1124338- N410838E1124325	
Sector 8	ALT limit: 2700m or above
N403958E1124350- N404412E1122641- a counter clockwise circle with a radius of 8.5km centered on N403946E1122506- N404322E1122121- N403954E1121521- a counter clockwise circle with a radius of 9km centered on N403600E1121910- N403222E1121456- N402230E1123022- N403446E1124355- N403958E1124350	
Sector 9	ALT limit: 2400m or above
N404448E1111100- N404646E1112328- a counter clockwise circle with a radius of 6.5km centered on N405013E1112230- N404818E1112624- N405323E1113047- a counter clockwise circle with a radius of 7.9km centered on N405525E1112548- N405811E1113007- N410613E1112110- N411427E1113716- N405540E1115800- N405603E1114834- N405228E1113930- N405201E1113325- N404516E1112917- N404251E1112720- N404227E1112125- a clockwise circle with a radius of 17km centered on N405110E1112519- N404258E1111948-	

N403952E1111100- N404448E1111100	
Sector 10	ALT limit: 2600m or above
N404448E1111100- N404646E1112328- a counter clockwise circle with a radius of 6.5km centered on N405013E1112230- N404818E1112624- N405005E1112644- a counter clockwise circle with a radius of 6.5km centered on N405035E1112208- N405324E1112457- N405635E1111906- N405244E1111727- a clockwise circle with a radius of 10km centered on N405411E1111036- N404848E1111100- N404448E1111100	
Sector 11	ALT limit: 2500m or above
N404818E1112624- N405005E1112644- a counter clockwise circle with a radius of 6.5km centered on N405035E1112208- N405324E1112457- N410059E1111100- N410613E1112110- N405811E1113007- a clockwise circle with a radius of 7.9km centered on N405525E1112548- N405323E1113047- N404818E1112624	
Sector 12	ALT limit: 2700m or above
N404848E1111100- a counter clockwise circle with a radius of 10km centered on N405411E1111036- N405244E1111727- N405635E1111906- N410059E1111100- N404848E1111100	

5. 无线电通信失效程序

5.1 本场适用 AIP GEN 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。

5.2 向东着陆本场具备灯光信号（位置在塔台）和机场目视地面信号设备（位置在跑道着陆方向左侧），请机组注意观察。

5.3 飞行程序选择

5.3.1 进港航空器：

沿标准仪表进场程序至着陆跑道 IAF，执行 ILS/DME 仪表进近。

5.3.2 离港航空器返回呼和浩特/白塔机场落地：

5. Radio communication failure procedures

5.1 AIP GEN3.4.5 general procedures for aircraft under instrument flight rule with air-ground two-way radio communication failure is applicable.

5.2 Flight crew landing towards east shall observe the light signals (located on the tower) and visual ground signals (located on the left side of the landing runway).

5.3 Selection of flight procedures

5.3.1 Arrival aircraft:

Follow the Standard Instrument Arrival (STAR) to the IAF of the landing runway and execute ILS/DME instrument approach.

5.3.2 Departure aircraft returning to Hohhot Baita

	airport for landing:
按照标准仪表离场（SID）飞至 SID 终点，就近选择标准仪表进场（STAR），从 STAR 起点加入程序至着陆跑道 IAF，执行 ILS/DME 仪表进近。	Follow the Standard Instrument Departure (SID) to the last waypoint of the SID, then select the nearest STAR, and join the STAR at its first waypoint to the IAF of the landing runway, then execute ILS/DME instrument approach.
建议航空器在各 SID 终点选择的 STAR 起点：	Aircraft are advised to select the first waypoint of STAR at the respective last waypoint of the SID:
a. TMR: 左转飞向 TMR	a. TMR: Turn left and fly to TMR
b. RURNU: 右转飞向 TMR	b. RURNU: Turn right and fly to TMR
c. DUDIL: 左转飞向 RUSER	c. DUDIL: Turn left and fly to RUSER
d. IBARO: 右转飞向 RUSER	d. IBARO: Turn right and fly to RUSER
e. TODAM: 右转飞向 TODAM	e. TODAM: Turn right and fly to TODAM
f. TUSLA: 左转飞向 LUGVU	f. TUSLA: Turn left and fly to LUGVU
g. LUGVU: 右转飞向 LUGVU	g. LUGVU: Turn right and fly to LUGVU
6. 目视飞行程序	**6. Procedures for VFR flights**
无	Nil
7. 目视飞行航线	**7. VFR route**
无	Nil
8. 其它规定	**8. Other regulations**
无	Nil

ZBHH AD 2.23 其它资料

ZBHH AD 2.23 Other information

鸟情资料

机场全年有鸟类活动。机场当局采取了驱赶措施，以减少鸟群活动。

Bird's information

Activities of bird flocks take place all the year round. Aerodrome Authority resorts to dispersal methods to reduce bird activities.