

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

ZBLA/HLD-呼伦贝尔/海拉尔 HULUNBEIER/Hailar

ZBLA 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	N49°12.3' E119°49.6' Center of RWY
2	机场基准点与城市的位置关系 Direction and distance from city	108° GEO, 7km from city center
3	机场标高、基准温度、低温均值 ELEV/Reference temperature/Mean low temperature	659.5 m/26.0°C/-29.1°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	10°42'W(2021)/5'30"
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, Hulunbeier branch, Hulunbeier Hailar Airport, Hulunbeier, Inner Mongolia Autonomous Region, China Post code:021000 TEL:86-470-2919211 FAX:86-470-2919200 AFS:ZBLAZPZX
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/4D
9	备注 Remarks	Nil

ZBLA 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	HS or O/R*
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*
10	安保服务 Security	HS or O/R*
11	除冰服务 De-icing	HS or O/R*
12	备注 Remarks	Hailer:*Application should be submitted before 08:00 UTC one day earlier

ZBLA 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 transporters(1t), baggage dollies(2t), container tractor(5t), lift truck(14t), luggage towing vehicle(30t), fork-lift(5t)
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 (200000 litres)
5	除冰设施 De-icing facilities	3 De-icers De-icing liquid type: FCY-1 BIO+ Anti-icing liquid type: FCY-9311 No designated de-icing arpon
6	过站航空器机库 Hangar space for visiting aircraft	1. Hangar Nr.1 acceptable for aircraft type CESSNA-208B, equipped with heating facilities. 2. Hangar Nr.2 has 2 stands that can accommodate 2 C919/B737-800, A320/321 aircraft simultaneously, equipped with heating facilities. 3. Hangar Nr.2 is CAT II hangar that meets the overnight needs,daily maintainance, and other needs of airlines.
7	过站航空器的维修设施 Repair facilities for visiting aircraft	1. Line maintenance available for aircraft type B737-300/400/700/800/900, CRJ-200, EMB-145, A319/320/321, CESSNA-208B. 2. Scheduled inspection, maintainance, retrofitting, landing gear replacement of CESSNA-208B, and engine replacement of PT6A-140.

8	备注 Remarks	Ground power unit, ground air unit, potable water vehicle, lavatory service vehicle
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ZBLA AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	In the city
2	餐饮 Restaurants	In the city
3	交通工具 Transportation	Taxi, bus
4	医疗设施 Medical facilities	First-aid equipment and ambulance 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

ZBLA 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	Fire fighting facilities: heavy-duty foam vehicle, rapid intervention vehicle, primary fire-fighting tender, illumination truck, command car, disassembly rescue vehicle Rescue equipments: mobile surface operation devices, towing rack, lifting equipment, uplift air cushion, rubber crosstie.
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTWA up to B757-200 and below Removal equipment: mobile surface, traction rack(120t), tethered hoisting equipment(150t), uplift air cushion(15t, 30t), rubber pillow block, rubber sleeper, steel plate, tow-truck, jack(50t, 20t).
4	备注 Remarks	Lifting equipment, transportation equipment is mobilized from city.

ZBLA 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 slingers
2	扫雪顺序 Clearance priorities	RWY, TWY, Apron

3	备注 Remarks	Nil
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ZBLA 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 820/R/A/W/T : Stands Nr.1-5 PCR 680/R/A/W/T : Stands Nr.6-18, A01, A02
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	宽度 Width	34m : E 28.5m : D, F 25m : K(north) 23m : A, B, C 18m : G, H, K(south), T
		道面 Surface	CONC
		强度 Strength	PCR 820/R/A/W/T : B PCR 770/R/A/W/T : C PCR 710/R/B/W/T : G(east), H PCR 690/R/A/W/T : A(east), D, E, F, G(west), K(south) PCR 680/R/B/W/T : A(west) PCR 670/R/A/W/T : K(north), T
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	

**ZBLA 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 stands Nr. 1-18. 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	Pre-threshold area, THR, RWY designation, edge line, RWY center line, TDZ, aiming point

		跑道灯光 RWY lights	RTHL, WBAR(27), REDL, RCLL, RENL
		滑行道标志 TWY markings	Edge line, center line, TWY shoulder marking, information signs, RWY holding position, intermediate holding position
		滑行道灯光 TWY lights	Edge line 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	BLUE apron edge line lights	

ZBLA 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	影响的飞程序及 起飞航径区/备注 Flight procedure/take-off path area affected & Remarks
1	2	3	4	5	6
Pole 001	Pole	011/6311	733.4	LGT	
Pole 002	Pole	011/6356	767.2	LGT	
Pole 003	Pole	034/6249	674.0	LGT	
Antenna 004	Antenna	036/472	672.5	LGT	
Crane 005	Crane	037/6051	724.5		
TOWER 006	TOWER	049/7664	680.4		
MT 007	MT	064/14835	722.0		
Pole 008	Pole	069/7038	699.1	LGT	

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Obstacles within a circle with a radius of 15km (centered on the ARP)					
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STACK 009	STACK	083/12807	767.6	LGT	RWY27 Intermediate approach
Pole 010	Pole	100/3496	685.3		RWY09 Take-off path
Antenna 011	Antenna	101/1094	672.1		
TRANSMISSION _LINE 012	TRANSM SSION_L INE	103/6094	676.8		
TOWER 013	TOWER	196/2320	702.2	LGT	
Power TWR 014	Power TWR	196/4277	695.1	LGT	
TOWER 015	TOWER	227/5593	705.2		
Antenna 016	Antenna	229/10109	683.8		
TOWER 017	TOWER	231/3304	696.9	LGT	
BLDG 018	BLDG	234/7953	673.1		
BLDG 019	BLDG	240/5069	696.0		
BLDG 020	BLDG	251/5392	686.5		
Microwave TWR 021	Microwav e TWR	263/8124	671.4		
BLDG 022	BLDG	265/7268	680.5		
BLDG 023	BLDG	267/5619	686.0		

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
BLDG 024	BLDG	272/3814	662.1		
BLDG 025	BLDG	273/6963	715.6		
FENCE 026	FENCE	274/1799	666.3		RWY27 Take-off path
TOWER 027	TOWER	274/4287	664.8		
Pole 028	Pole	276/5869	692.1		
BLDG 029	BLDG	277/4184	695.6		RWY27 Take-off path
Pole 030	Pole	277/4487	702.2	LGT	RWY27 Take-off path
Antenna 031	Antenna	278/5519	689.4		
Pole 032	Pole	279/6394	700.3		
TOWER 033	TOWER	281/4342	691.6	LGT	
Pole 034	Pole	281/4929	701.7	LGT	RWY27 Take-off path
BLDG 035	BLDG	281/6233	716.9	LGT	
BLDG 036	BLDG	281/6523	702.9		
TOWER 037	TOWER	283/4428	696.9	LGT	
TOWER 038	TOWER	284/5161	725.1	LGT	
BLDG 039	BLDG	288/6526	723.3	LGT	

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
Antenna 040	Antenna	293/1696	691.9		
BLDG 041	BLDG	295/5082	684.7		
TOWER 042	TOWER	298/5482	696.9	LGT	
Microwave TWR 043	Microwav e TWR	299/7474	693.2		
BLDG 044	BLDG	303/4856	699.9	LGT	
STACK 045	STACK	305/7257	730.4	LGT	
ELECTRICAL_E XIT_LIGHT 046	ELECTRI CAL_EXI T_LIGHT	306/1061	689.3	LGT	
Antenna 047	Antenna	307/1077	681.6		
Antenna 048	Antenna	307/1234	688.5		
Antenna 049	Antenna	308/1286	696.3	LGT	
Antenna 050	Antenna	309/1035	691.5	LGT	
STACK 051	STACK	309/7234	815.1	LGT	25m chimney included
TOWER 052	TOWER	312/8320	836.7	LGT	Circling CAT C/D
ELECTRICAL_E XIT_LIGHT 053	ELECTRI CAL_EXI T_LIGHT	316/1049	682.3	LGT	
Pole 054	Pole	317/3926	696.2	LGT	

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
Antenna 055	Antenna	318/845	682.2		
TOWER 056	TOWER	336/11294	832.4	LGT	
TOWER 057	TOWER	343/10495	776.7	LGT	
STACK 058	STACK	348/6645	690.8		

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 059	MT	003/54959	908		
MT 060	MT	004/31041	746		
MT 061	MT	006/43162	830		
MT 062	MT	014/50583	930		
MT 063	MT	032/38676	929		
MT 064	MT	039/54972	934		
MT 065	MT	049/39883	902		

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 066	MT	067/52126	873		
MT 067	MT	075/38371	771		
MT 068	MT	090/34309	777		
MT 069	MT	098/27351	750		
Scaffold 070	Scaffold	099/26774	745		
WINDMILL 071	WINDMI LL	101/25627	867		RWY27 Initial approach
TOWER 072	TOWER	106/17724	687	LGT	
TOWER 073	TOWER	112/25366	764	LGT	
MT 074	MT	115/45367	848		
TOWER 075	TOWER	117/20842	778		
MT 076	MT	120/21392	825		RWY27 Initial approach
MT 077	MT	123/28398	798		
MT 078	MT	123/35227	812		
MT 079	MT	128/25200	779		
MT 080	MT	134/20113	752		

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
NATURAL_HIG HPOINT 081	NATURA L_HIGHP OINT	136/91423	1272		
MT 082	MT	139/32413	749		
MT 083	MT	140/50083	945		
MT 084	MT	142/23048	826		
MT 085	MT	144/28028	830		
MT 086	MT	144/57624	1024		Sector
MT 087	MT	146/38491	847		
MT 088	MT	153/24511	841		RWY27 Initial approach
NATURAL_HIG HPOINT 089	NATURA L_HIGHP OINT	155/88878	1174		
MT 090	MT	156/23498	791		
MT 091	MT	160/53057	905		
MT 092	MT	164/36526	800		
MT 093	MT	179/52152	781		
MT 094	MT	181/36144	761		

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
NATURAL_HIG HPOINT 095	NATURA L_HIGHP OINT	196/104050	890		
MT 096	MT	234/23967	749		
MT 097	MT	255/29377	706		
WINDMILL 098	WINDMI LL	267/22222	855		Sector
WINDMILL 099	WINDMI LL	268/18992	854		RWY09 Initial, Intermediate approach
WINDMILL 100	WINDMI LL	270/18233	849		
MT 101	MT	283/51121	708		
MT 102	MT	326/51924	839		
MT 103	MT	357/42361	779		
Remarks:					

ZBLA 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	Hulunbeier Hailar ATMB MET Office
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	Hulunbeier Hailar ATMB MET Office;24h;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	art, 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, Meteorological information sharing and service system, MET service terminal
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: 115m S of RCL, 340m inward THR09 B: 115m S of RCL, 340m inward THR27 C: 115m S of RCL, 1370m inward THR27 SFC wind sensors 09: 110m S of RCL, 310m inward THR09 RWY center: 110m S of RCL, 1400m inward THR27 27: 110m S of RCL, 310m inward THR27 Ceilometer 09: 115m S of RCL, 330m inward THR09 27: 115m S of RCL, 330m inward THR27
4	观测系统的工作时间 Hours of operation for meteorological observation system	HO
5	气候资料 Climatological information	Climatological tables AVBL

6	其他信息 Additional information	Nil
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ZBLA 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
09	083.92° GEO 095° MAG	2800×45	PCR 790/R/A/W/T CONC/-	Nil	THR 659.5m	-0.5%(680m)/-0.2 5%(200m)/0%(19 20m)
27	263.92° GEO 275° MAG	2800×45	PCR 790/R/A/W/T CONC/-	Nil	THR 655.6m	0%(1920m)/0.25 %(200m)/0.5%(6 80m)
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
09	Nil	Nil	2920×300	240×120	Nil	Nil
27	Nil	Nil	2920×300	240×120	Nil	Nil
Remarks:						

ZBLA 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
09	2800	2800	2800	2800	Nil
27	2800	2800	2800	2800	Nil

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

跑道 号码 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
09	SALS 420 m VRB LIH	GREEN Nil	PAPI LEFT 370m inward THR09 3° 16.4m	Nil	2800 m spacing 30m 0-1900m, WHITE 1900-2500m, RED/WHITE 2500-2800m, RED VRB LIH	2800 m spacing 60m 0-2200m, WHITE 2200-2800m, YELLOW VRB LIH	RED	Nil
27	PALS CAT I SFL 900 m VRB LIH	GREEN Yes	PAPI LEFT 325m inward THR27 3° 15.9m	Nil	2800 m spacing 30m 0-1900m, WHITE 1900-2500m, RED/WHITE 2500-2800m, RED VRB LIH	2800 m spacing 60m 0-2200m, WHITE 2200-2800m, YELLOW VRB LIH	RED	Nil
Remarks:								

ZBLA 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: 09:88m N of RCL, 380m inward THR09, LGTD 27:87m S of RCL, 335m inward THR27, 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	Standby power(400kw) supply available/ 15sec
5	备注 Remarks	Nil

ZBLA 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

ZBLA 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
Hailar 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 1500m and below				
Altimeter setting region and TL/TA	Same as Hulunbuir approach control area	TL 3600m TA 3000m 3300m(QNH≥1031hPa) 2700m(QNH≤979hPa)				

ZBLA 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		126.2			H24	D-ATIS available
APP	Hulunbuir Approach	APP01:119.025 (119.275)			H24	
		APP02:120.25 (119.275)			by ATC	Contact APP01 when APP02 U/S.
TWR	Hailar Tower	118.5 (124.35)			HO	
GND	Hailar Ground	121.65 (124.35)			HO	
OP-CTL	Operation Control	128.85			H24	

ZBLA 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
Hailar VOR/DME	HLD	115.1 MHz CH 98X	H24	N49°12.2' E119°49.3' 253°MAG/449m FM the Center of RWY	667 m	
MM 27		75 MHz		095°MAG/1050m FM THR27		
LOC 27 ILS CAT I	IUC	110.3 MHz		275°MAG/315m FM THR09		
GP 27		335.0 MHz		120m S of RCL, 310m inside THR27		Angle 3°, RDH 15 m

ZBLA 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 出港航班机组申请 ATC 放行许可不应早于预计起飞时间（ETD）前 40min。

1.3 海拉尔机场塔台数字化放行（DCL）全天提供服务。出港航空器可通过数据链通信（DCL）和塔台频率人工语音播发两种方式取得放行许可。通过数据链通信电文发布的管制许可和指令，双方应当以数据链通信方式回复，无需使用语音方式复诵或确认。

1.4 不具备 RNAV 或 RVSM 能力的航空器提前向管制员报告。

1.5 所有进出港航空器首次联系进近时应主动报告应答机编码和当时高度（m）。

2. 跑道和滑行道的使用

2.1 满足下列条件之一时，需转换跑道使用方向：

2.1.1 当跑道端风速仪不工作，使用的干跑道顺风分量大于 2.5m/s，且有继续增大趋势时；

2.1.2 当跑道端风速仪工作正常，使用的干跑道顺风分量大于 3.5m/s，且有继续增大趋势时；

2.1.3 在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。

ZBLA 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 Departure aircraft shall not apply for ATC delivery clearance 40min earlier than TED.

1.3 Departure aircraft shall obtain delivery clearance from DCL or voice broadcast by tower, DCL is available for 24h. When obtained delivery clearance, aircraft shall reply by data-link. Repeat or confirm by voice is not necessary.

1.4 The aircraft shall report to ATC in advance if have no ability of RNAV or RVSM.

1.5 All aircraft shall report their transponder code and altitude (m) when first contact with APP.

2. Use of runways and taxiways

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

2.1.1 When wind velocity indicator is U/S, the downwind component of dry runway in use is more than 2.5m/s and tend to increase continuously;

2.1.2 When wind velocity indicator is working normally, the downwind component of dry runway in use is more than 3.5m/s and tend to increase continuously;

2.1.3 Under the condition of wet or contaminated runway, when the automatic meteorological observation

- system shows that the runway is downwind and tend to increase continuously.
- 2.2 机动区冲突多发地带位置见《航图手册》，途径这些区域的航空器需注意如下事项： 2.2 Hot spot positions refer to charts, and aware of following requirements when taxi through these areas.
- 2.2.1 HS1: 航空器从 A 向西滑行转向 F 时，注意避免误入 G；航空器从 F 向北滑行转向 A 时，注意避免误入 G。 2.2.1 HS1: When the aircraft glided from A to west and turned to F, pay attention to avoid entering G.
- 2.2.2 HS2: 航空器从 C 向北滑行转向 L03 时，注意避免误入 L04。 2.2.2 HS2: When the aircraft glided from C to north and turned to L03, pay attention to avoid entering L04.
- 2.2.3 HS3: 航空器从 B 向北滑行转向 L03 时，注意避免误入 L04。 2.2.3 HS3: When the aircraft glided from B to north and turned to L03, pay attention to avoid entering L04.
- 2.2.4 滑行道翼展限制 2.2.4 Wing span limits of TWYs

滑行道/TWYs	航空器翼展限制 (m) /Wing span limits for aircraft(m)
G, H, K, T	<36

- 2.2.5 滑行通道对航空器翼展的限制 2.2.5 Wing span limits for A/C taxiing on the Taxiing lane

滑行通道//Taxiing lane	航空器翼展限制/Wing span limits for aircraft
L01, L02, L04	<36m

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 stands

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
------------------	-------------------------------	--------------------------------	--------------------

7, 8	≤52	≤71.5	Taxi in, Push back
4	≤52	≤67	Taxi in, Push back
11	≤42	≤71.5	Taxi in, Push back
6	≤36	≤71.5	Taxi in, Push back
9, 10	≤36	≤55	Taxi in, Push back
5	≤36	≤50	Taxi in, Push back
1-3	≤36	≤47	Taxi in, Taxi out
12-18	≤36	≤40	Taxi in, Taxi out
A01, A02	≤36		Taxi in, Push back

3.2 发动机试车，需经塔台许可，并在指定的地点进行。

3.2 Engine run-ups are subject to Tower Control clearance, and shall be carried out at a designated location.

4. 低能见度运行

4. Low visibility operation

无

Nil

5. 直升机飞行限制，直升机停靠区

5. Helicopter operation restrictions and helicopter parking/docking area

无

Nil

6. 警告

6. Warning

无

Nil

ZBLA AD 2.21 减噪程序

ZBLA AD 2.21 Noise abatement procedures

无

Nil

ZBLA AD 2.22 飞行程序

ZBLA AD 2.22 Flight procedures

1. 总则

1. General

除经进近特殊许可外，在进近管制区内的飞行，必须

Flights within APP Control Area shall operate under IFR

按照仪表规则进行。

unless special clearance has been obtained from APP Control.

2. 起落航线

2. Traffic circuits

起落航线在跑道两侧均可，高度 1000-1200m。

Traffic circuits shall be made to both sides of RWY, at the altitudes of 1000m-1200m.

3. 仪表飞程序

3. IFR flight procedures

严格按照航图中公布的进、离港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制定的航路、导航台或定位点上空等待或做机动飞行。当 ATC 的指令高度与程序中各类限制高度不符时，以 ATC 的指令高度为准。

Strict adherence is required to the relevant arrival/departure and approach procedures published in the aeronautical charts. Aircraft may hold or maneuver on airways, over navigation facilities or fix designated by ATC if necessary. If the altitude given by ATC does not conform with the various limits specified in the procedures, the ATC altitude shall be used.

4. 雷达程序和/或 ADS-B 程序

4. Radar procedures and/or ADS-B procedures

呼伦贝尔进近管制区实施雷达和 ADS-B 管制融合运行。最低监视引导高度扇区如下：

Radar and ADS-B control fusion operation is implemented in Hulunbuir APP control area. Minimum surveillance altitude sector as follows:

最低监视引导高度扇区

Surveillance Minimum Altitude Sectors

Sector Nr.1	ALT limit: 1600m or above
N482820 E1202555-N483455 E1202244-N484853 E1204411-N485452 E1205035-N484350 E1205035-N482820 E1202555	
Sector Nr.2	ALT limit: 1500m or above
N494254 E1192808-N492820 E1195154-N492344 E1200401-N492319 E1201902-N491846 E1202517-N491203 E1202549-N485113 E1200350-N484606 E1195059-N483518 E1194331-N481958 E1193838-N481957 E1201244-N482820 E1202555-N483455 E1202244-N484853 E1204411-N485452 E1205035-N492928 E1205035-N495701 E1204003-N495701 E1195202-N494254 E1192808	

Sector Nr.3	ALT limit: 1200m or above
N494254 E1192808-N492820 E1195154-N492344 E1200401-N492319 E1201902-N491846 E1202517-N491203 E1202549-N485113 E1200350-N484606 E1195059-N483518 E1194331-N481958 E1193838-N481957 E1193351-N485144 E1190027-N492615 E1190027-N494254 E1192808	

5. 无线电通信失效程序

5.1 本场适用《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 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。

6. 目视飞行政序

无

7. 目视飞行航线

无

8. 其它规定

无

5. Radio communication failure procedures

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

5.2 The aerodrome is equipped with light signal and visual ground signal facility, flight crew shall pay attention.

6. Procedures for VFR flights

Nil

7. VFR route

Nil

8. Other regulations

Nil

ZBLA AD 2.23 其它资料

鸟情资料

本场各季鸟类多在 300m 以下飞行，有驱鸟车等防范措施。提醒机组注意。

ZBLA AD 2.23 Other information

Bird's information

Birds are active from ground up to 300m full seasons. Aerodrome Authority resorts to dispersal methods to reduce bird activities.

INSTRUMENT APPROACH CHART-ICAO

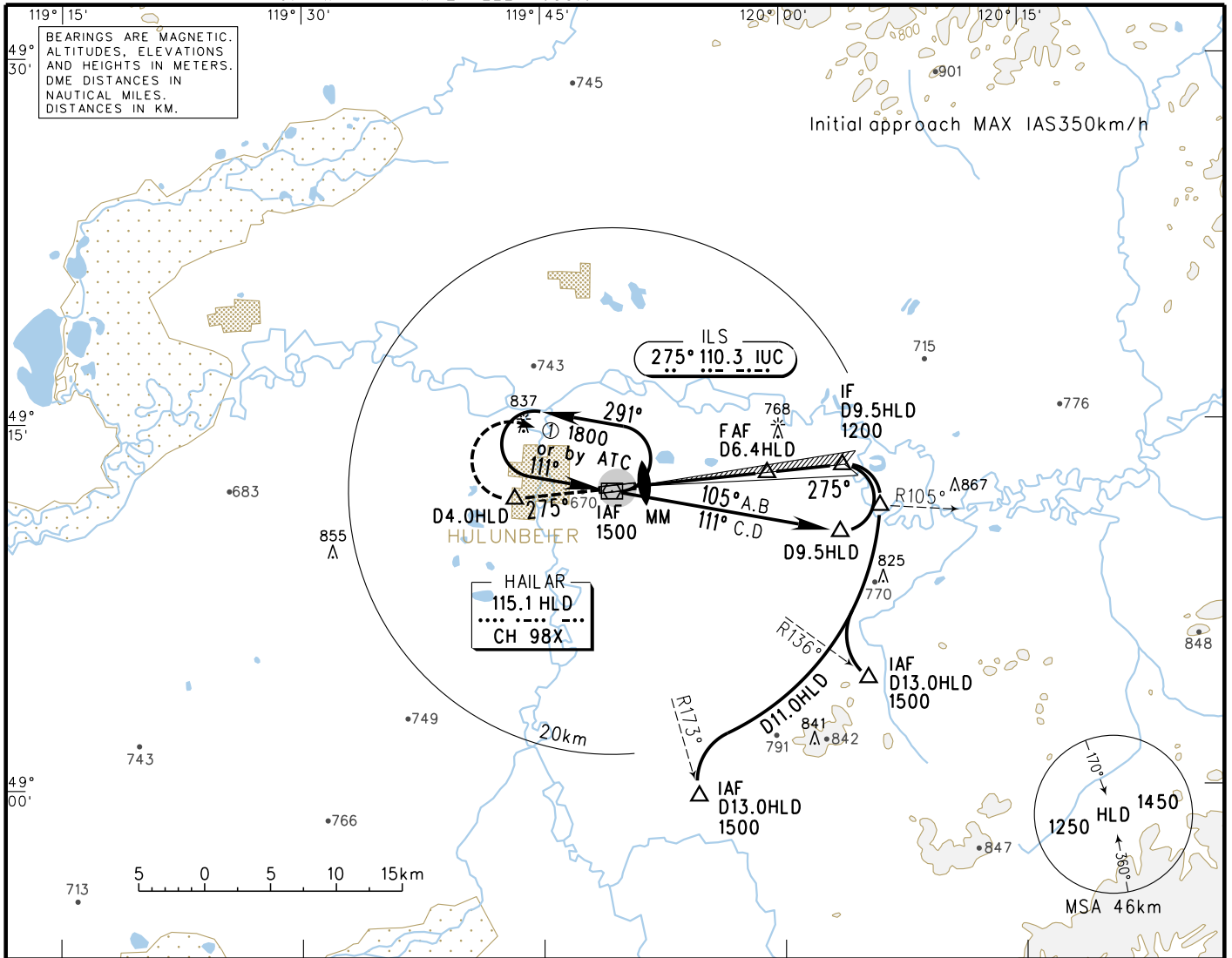
VAR10.7°W

AERODROME ELEV 659.5
THR RWY27 ELEV 655.6

D-ATIS 126.2
TWR 118.5(124.35)

ZBLA HULUNBEIER/Hailar

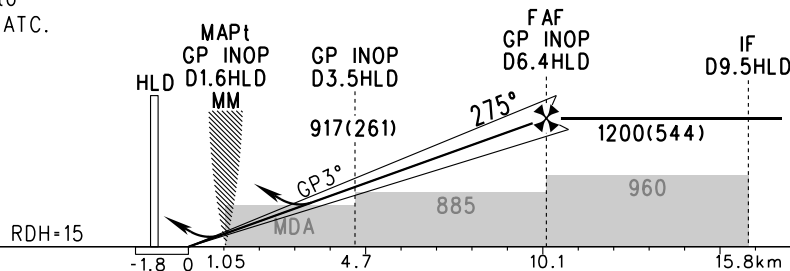
ILS/DME RWY27



GP INOP	DME (HLD) (NM)	1	2	3	4	5	6	7
	ATL (m)				866	963	1061	1158

MISSED APPROACH
Climb straight ahead to D4.0HLD, turn RIGHT to HLD at 1500, contact ATC.

TL 3600
TA 3000
3300(QNH ≥ 1031hPa)
2700(QNH ≤ 979hPa)



ILS/DME	DA(H) RVR/VIS	FAF-MAPt(GP INOP) 9.05km			
		A	B	C	D
		835(176) 2600	835(176) 2800	1000(341) 4400	1000(341) 5000
		716(60) 800/800			
		830(175) 2500			
		917(261)			
		1200(544)			
		960			
		885			
		RDH=15			
		MDA			
		GP 3°			
		MAPt GP INOP D1.6 HLD MM			
		GP INOP D3.5 HLD			
		FAF GP INOP D6.4 HLD			
		IF D9.5 HLD			
		HLD			

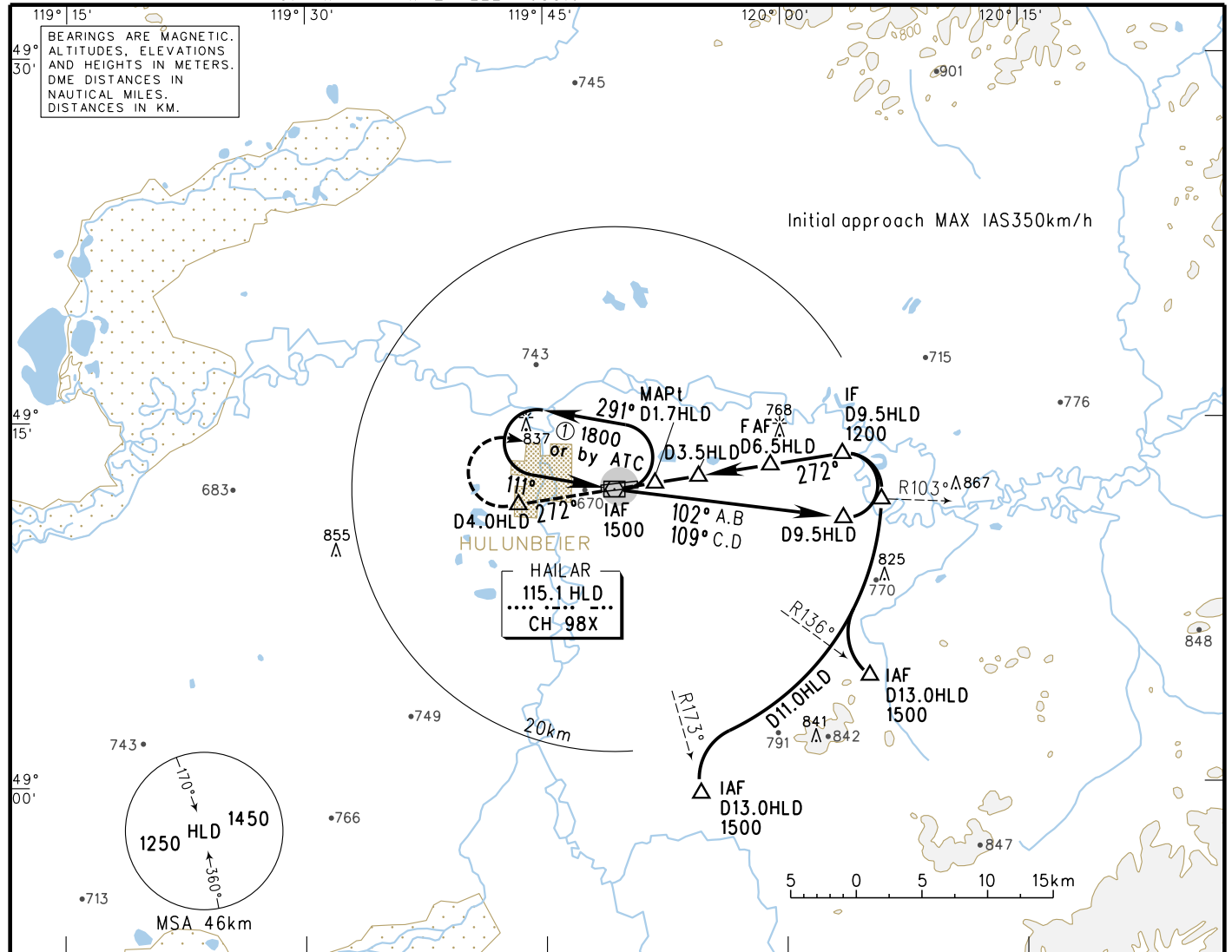
• RVR 550m can be implemented when using approved HUD or AP or FD for ILS/DME approach.
Changes: Landing minima.

INSTRUMENT APPROACH CHART-ICAO

AERODROME ELEV 659.5 D-ATIS 126.2
 VAR10.7° W THR RWY27 ELEV 655.6 TWR 118.5(124.35)

ZBLA HULUNBEIER/Hailar

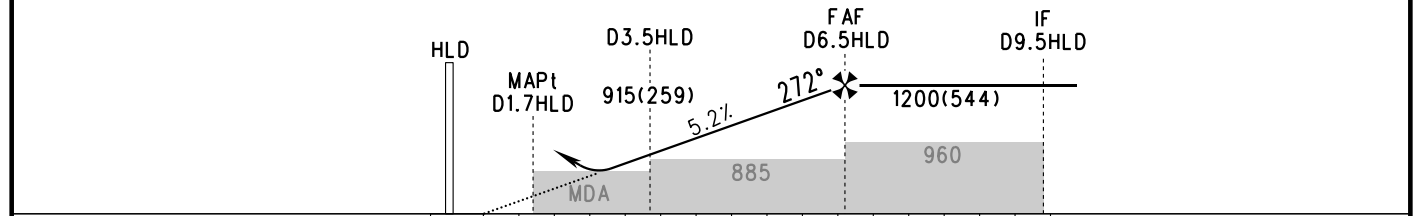
VOR/DME RWY27



DME (HLD) (NM)	1	2	3	4	5	6	7	8
ATL (m)			865	961	1057	1154		

MISSED APPROACH
 Climb straight ahead to D4.0HLD, turn RIGHT to HLD at 1500, contact ATC.

TL 3600
 TA 3000
 3300(QNH ≥ 1031hPa)
 2700(QNH ≤ 979hPa)



	A	B	C	D	FAF - MAPt 8.8km						
VOR/DME MDA(H) VIS	835(180) 2600				GS in kt	80	100	120	140	160	180
					km/h	150	185	220	260	295	335
CIRCLING MDA(H) VIS	835(176) 2600	835(176) 2800	1000(341) 4400	1000(341) 5000	Time min:sec	3:32	2:52	2:24	2:02	1:48	1:35
					Rate of descent m/s	2.2	2.7	3.2	3.8	4.3	4.9

Changes: Delete redundant height information.

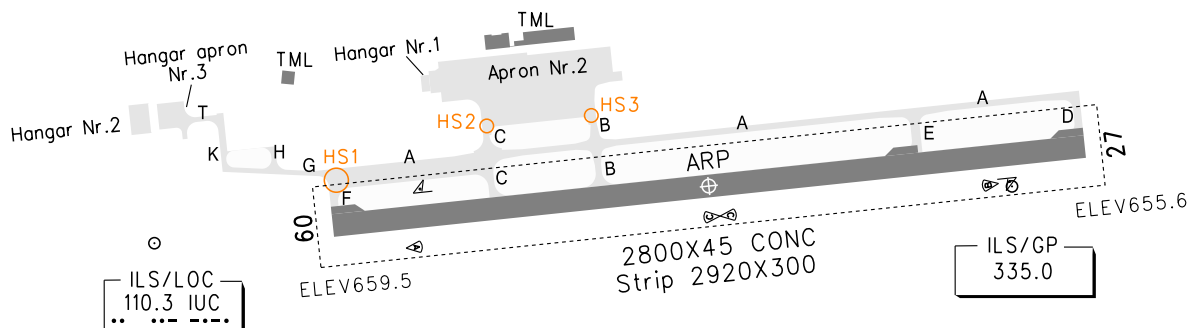
AERODROME CHART

D-ATIS 126.2
TWR 118.5(124.35)
GND 121.65(124.35)

ZBLA HULUNBEIER/Hailar
N49° 12.3'E119° 49.6' ELEV 659.5m

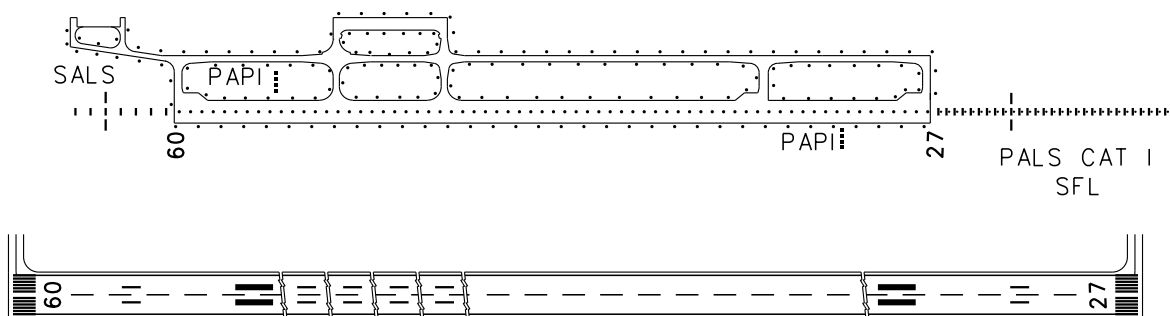
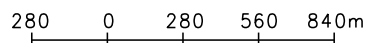
RWY	Direction	Bearing strength
09	095°	PCR 790/R/A/W/T: RWY09/27 CONC
		PCR 820/R/A/W/T: TWY B
27	275°	PCR 770/R/A/W/T: TWY C
		PCR 710/R/B/W/T: TWY G(east), H
		PCR 690/R/A/W/T: TWY A(east), D, E, F, G(west), K(south)
		PCR 680/R/B/W/T: TWY A(west)
		PCR 670/R/A/W/T: TWY K(north), T

BEARINGS ARE MAGNETIC.
ALTITUDES, DISTANCES,
ELEVATIONS AND HEIGHTS
IN METERS.



ILS/LOC
110.3 IUC

ILS/GP
335.0



TAKE-OFF MINIMA(WITH RELIABLE ALTN)(m)					LIGHTS	
ACFT Type	RWY09		RWY27		RWY09	RWY27
	REDL	NIL(Day only)	REDL	NIL(Day only)		
2 TURB ENG or 3&4 ENG	A				SALS PAPI REDL RCLL RENL	PALS CAT I SFL PAPI REDL RCLL RENL
	B	RVR400	RVR500	RVR400		
	C	VIS800	VIS800	VIS800		
	D					
Other 1&2 ENG						

Note: VIS1600m for single engine

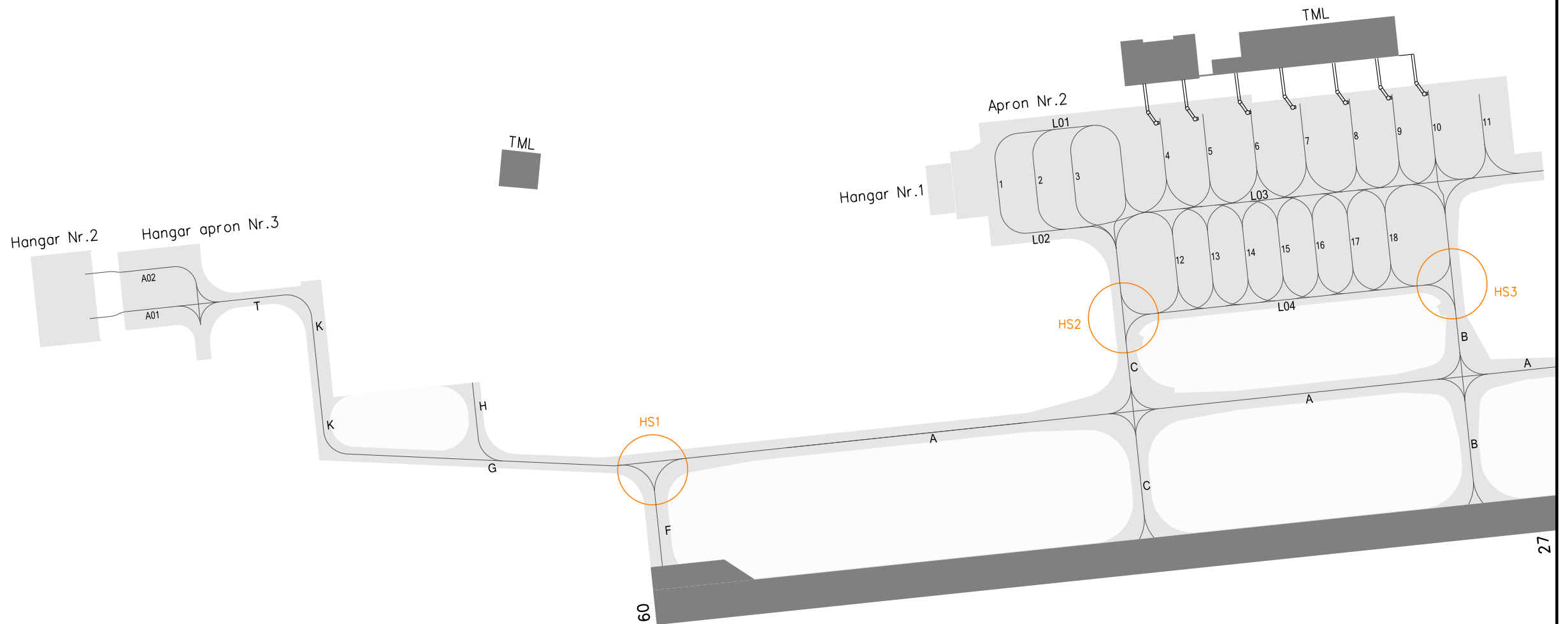
Changes: PCR, delete Apron Nr.1 and SWY.

AIRCRAFT PARKING
CHART-ICAO

D-ATIS 126.2 TWR 118.5(124.35) GND 121.65(124.35)

ZBLA HULUNBEIER/Hailar

PCR 820/R/A/W/T: Stands Nr.1-5
PCR 680/R/A/W/T: Stands Nr.6-18, A01, A02



Changes: PCR, delete Apron Nr.1.

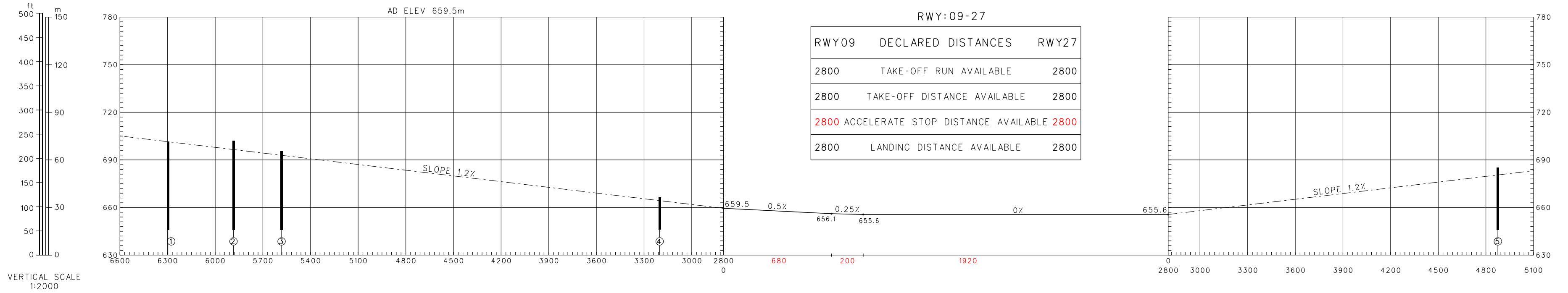
AERODROME OBSTACLE CHART-ICAO

TYPE A (OPERATING LIMITATIONS)

ZBLA HULUNBEIER/Hailar
RWY 09/27

DIMENSIONS AND ELEVATIONS IN METERS BEARINGS ARE MAGNETIC

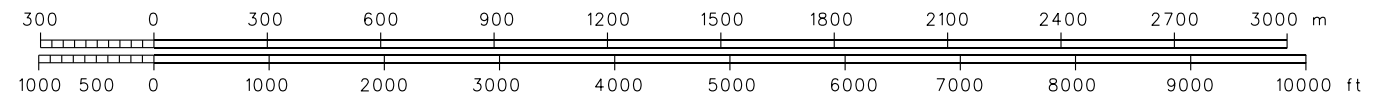
MAGNETIC VARIATION 10.7° W



RWY09	DECLARED DISTANCES	RWY27
	TAKE-OFF RUN AVAILABLE	2800
	TAKE-OFF DISTANCE AVAILABLE	2800
	2800 ACCELERATE STOP DISTANCE AVAILABLE	2800
	LANDING DISTANCE AVAILABLE	2800

VERTICAL SCALE
1:2000

1:20000
HORIZONTAL SCALE



LEGEND	
①	OBST NR
■	BLDG
- - -	METAL BARRIER
○	POLE

AMENDMENT RECORD		
NR	DATE	ENTERED BY

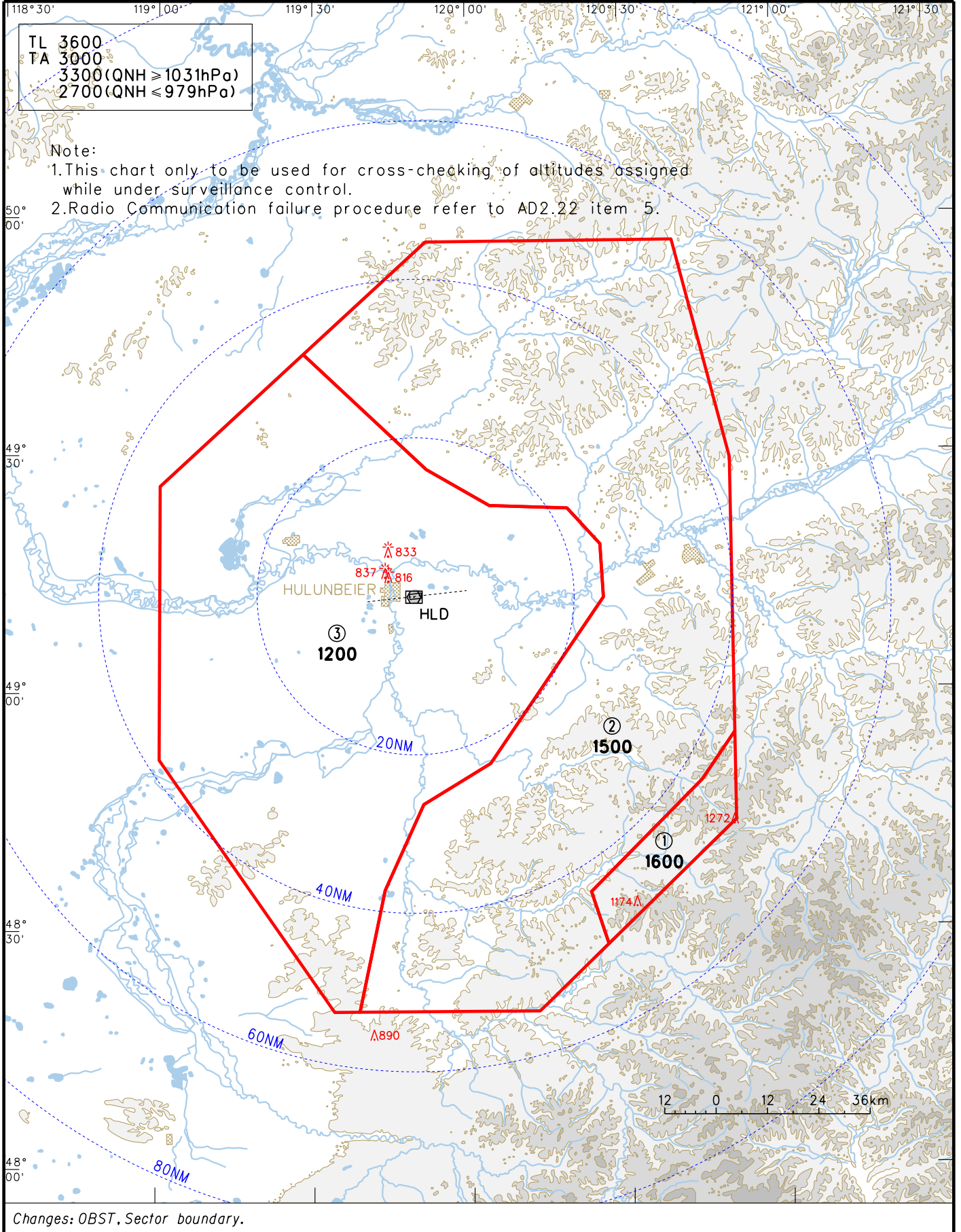
Changes: Declared distances, delete SWY.

ATC SURVEILLANCE MINIMUM ALTITUDE CHART

D-ATIS 126.2
APP01 119.025 (119.275)
APP02 120.25 (119.275)
TWR 118.5 (124.35)

ZBLA HULUNBEIER/Hailar
AD ELEV 659.5m

VAR10.7° W



Changes: OBST, Sector boundary.

STANDARD DEPARTURE CHART - INSTRUMENT

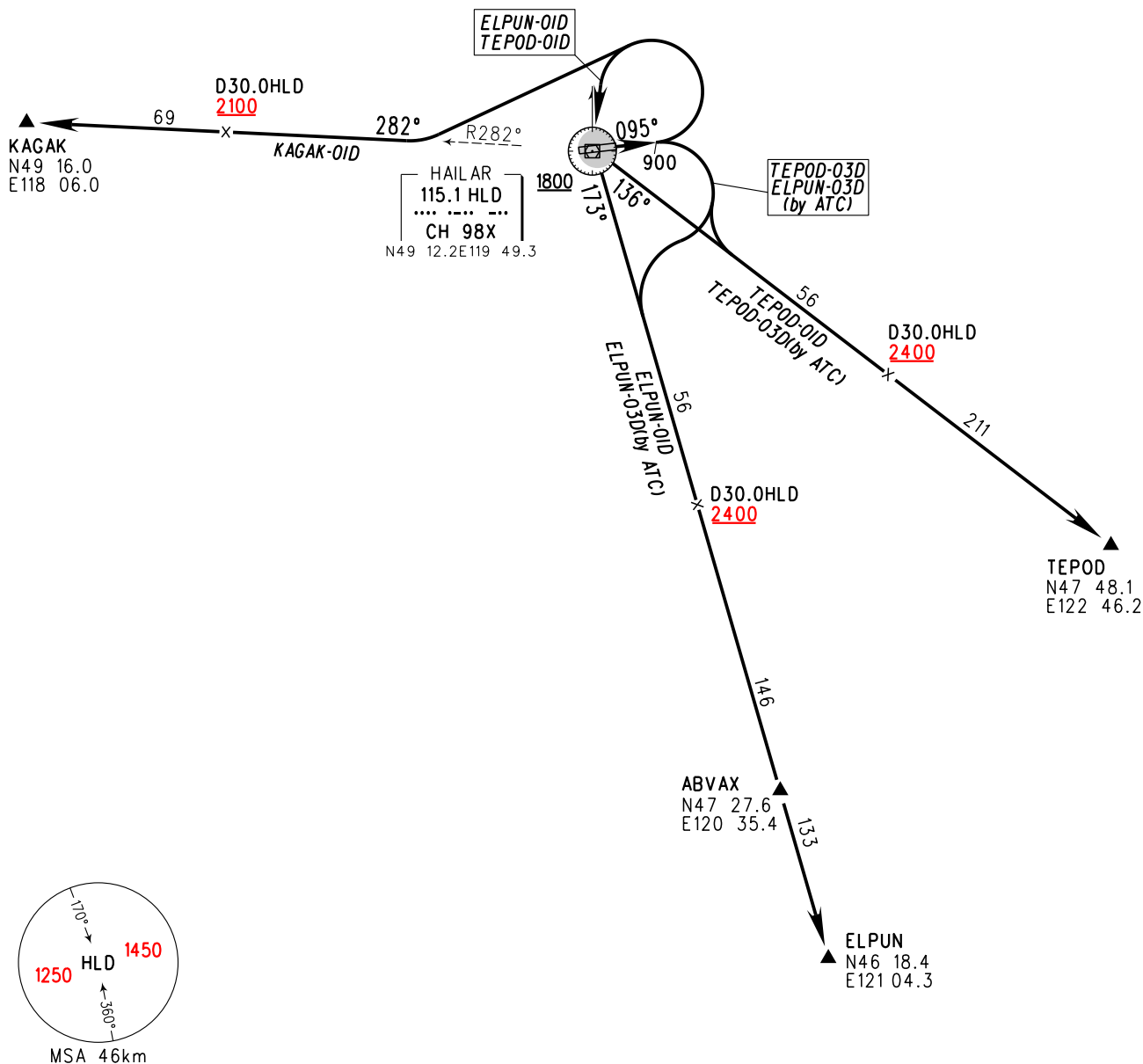
VAR10.7° W

D-ATIS 126.2
TWR 118.5(124.35)

ZBLA HULUNBEIER/Hailor
RWY09

BEARINGS ARE MAGNETIC.
ALTITUDES, ELEVATIONS
AND HEIGHTS IN METERS.
DME DISTANCES IN
NAUTICAL MILES.
DISTANCES IN KM.

TL 3600
TA 3000
3300(QNH ≥ 1031hPa)
2700(QNH ≤ 979hPa)



Changes: MSA, altitude.

STANDARD DEPARTURE CHART - INSTRUMENT

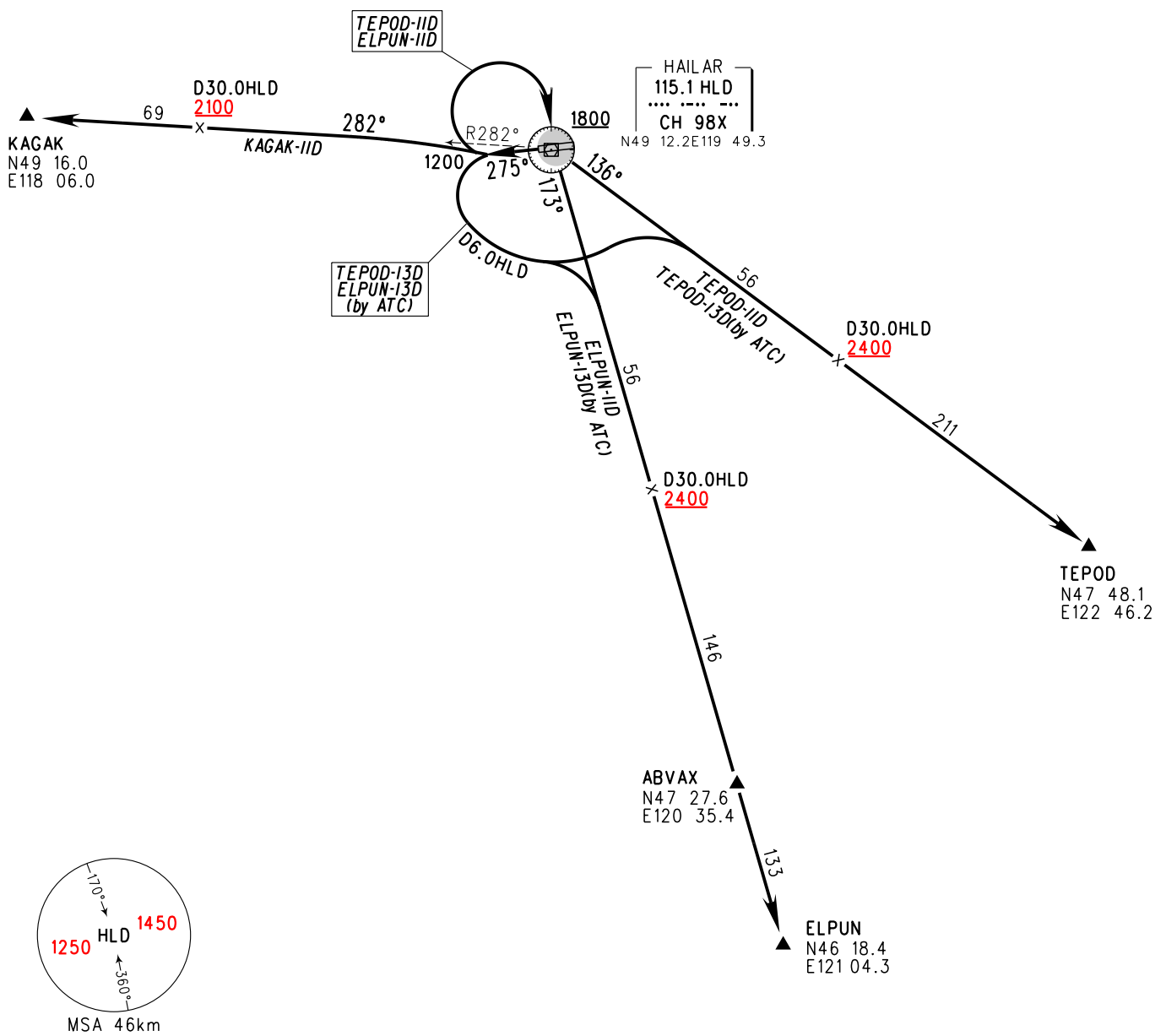
VAR10.7° W

D-ATIS 126.2
TWR 118.5(124.35)

ZBLA HULUNBEIER/Hailar
RWY27

BEARINGS ARE MAGNETIC.
ALTITUDES, ELEVATIONS
AND HEIGHTS IN METERS.
DME DISTANCES IN
NAUTICAL MILES.
DISTANCES IN KM.

TL 3600
TA 3000
3300(QNH ≥ 1031hPa)
2700(QNH ≤ 979hPa)



Changes: MSA, altitude.

STANDARD DEPARTURE CHART - INSTRUMENT

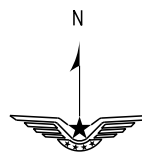
VAR10.7° W

D-ATIS 126.2
TWR 118.5(124.35)

ZBLA HULUNBEIER/Hailar
RNP RWY09

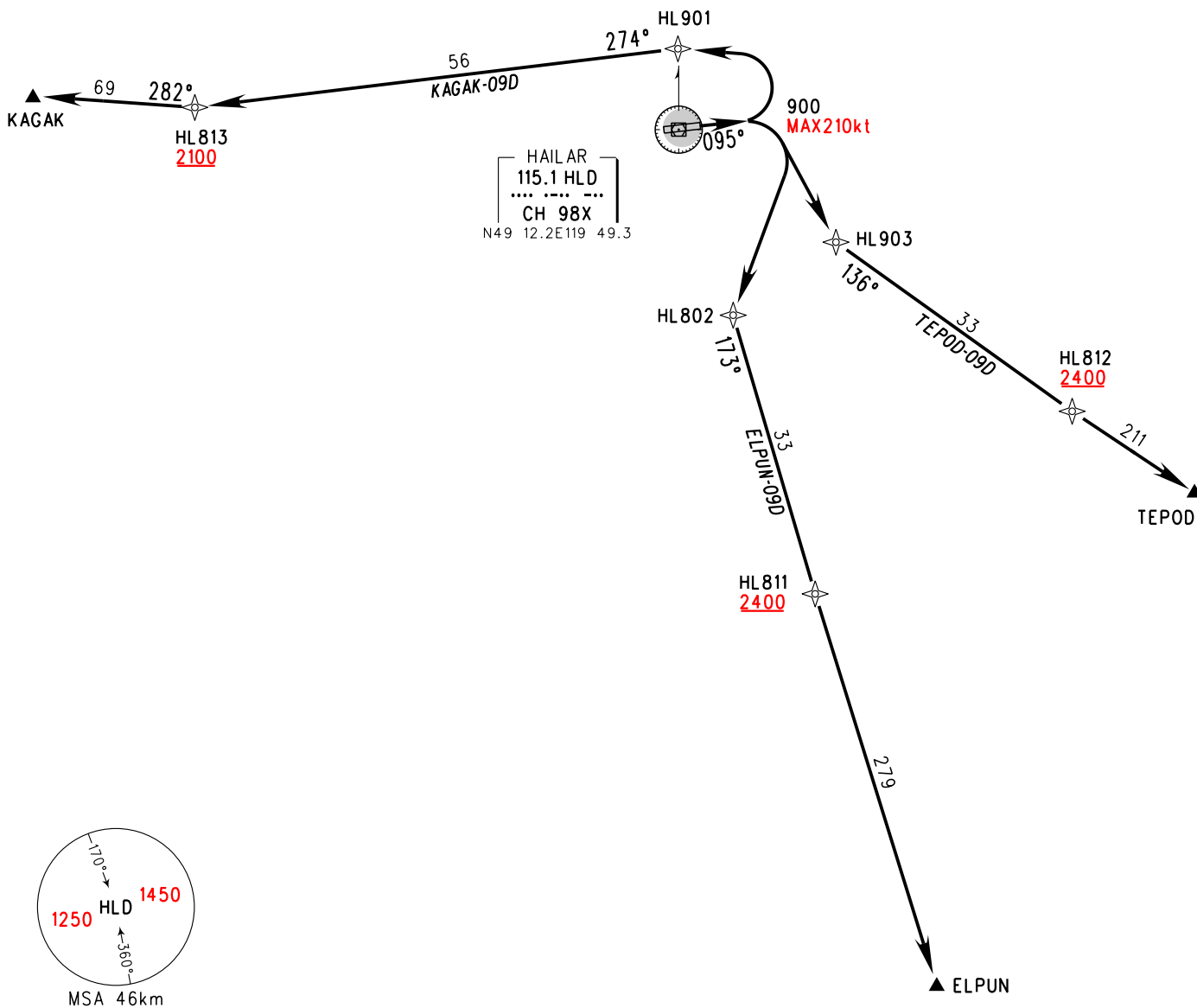
BEARINGS ARE MAGNETIC.
ALTITUDES, ELEVATIONS
AND HEIGHTS IN METERS.
DME DISTANCES IN
NAUTICAL MILES.
DISTANCES IN KM.

TL 3600
TA 3000
3300(QNH ≥ 1031hPa)
2700(QNH ≤ 979hPa)



NOT TO SCALE

RNP1
GNSS



Changes: MSA, altitude.

STANDARD DEPARTURE CHART - INSTRUMENT

VAR10.7° W

D-ATIS 126.2
TWR 118.5(124.35)

ZBLA HULUNBEIER/Hailar
RNP RWY27

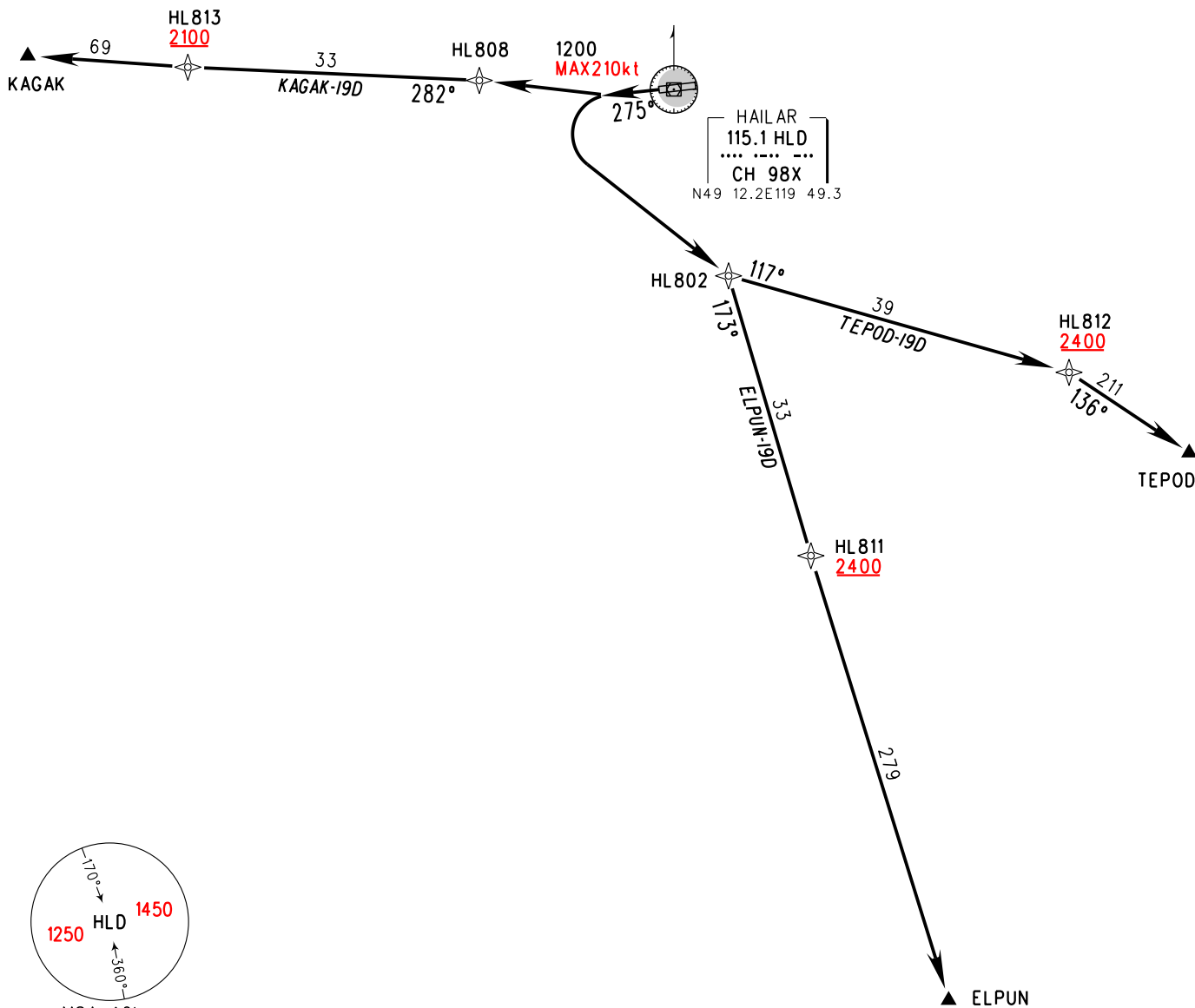
BEARINGS ARE MAGNETIC.
ALTITUDES, ELEVATIONS
AND HEIGHTS IN METERS.
DME DISTANCES IN
NAUTICAL MILES.
DISTANCES IN KM.

TL 3600
TA 3000
3300(QNH ≥ 1031hPa)
2700(QNH ≤ 979hPa)



NOT TO SCALE

RNP1
GNSS



STANDARD ARRIVAL CHART - INSTRUMENT

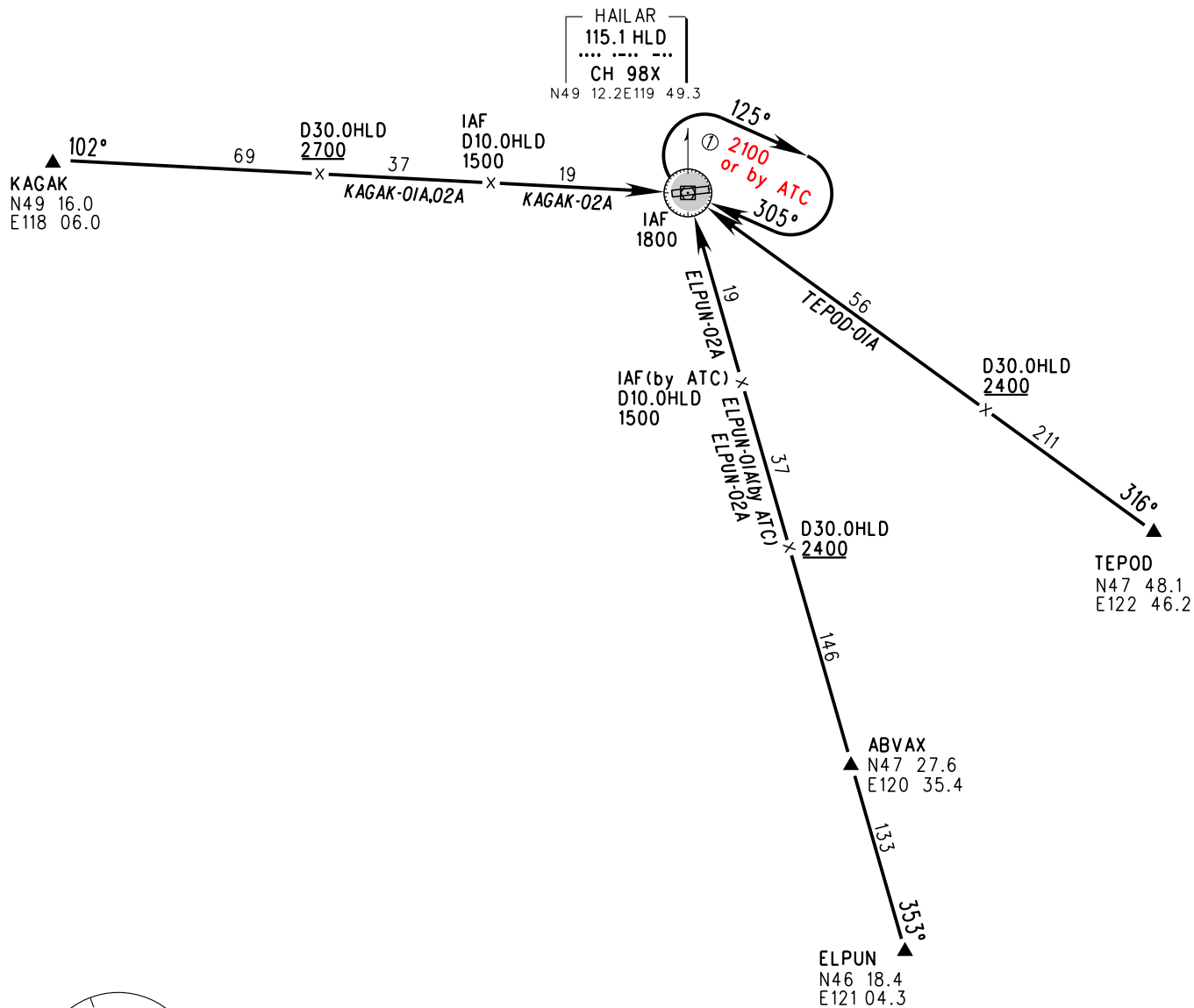
ZBLA HULUNBEIER/Hailar
RWY09

VAR10.7° W
D-ATIS 126.2
TWR 118.5(124.35)

BEARINGS ARE MAGNETIC.
ALTITUDES, ELEVATIONS
AND HEIGHTS IN METERS.
DME DISTANCES IN
NAUTICAL MILES.
DISTANCES IN KM.

TL 3600
TA 3000
3300(QNH ≥ 1031hPa)
2700(QNH ≤ 979hPa)

Initial approach MAX IAS350km/h



Changes: MSA, altitude.

STANDARD ARRIVAL CHART - INSTRUMENT

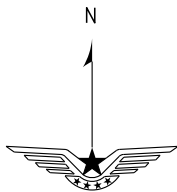
VAR10.7° W

D-ATIS 126.2
TWR 118.5(124.35)

ZBLA HULUNBEIER/Hailar
RWY27

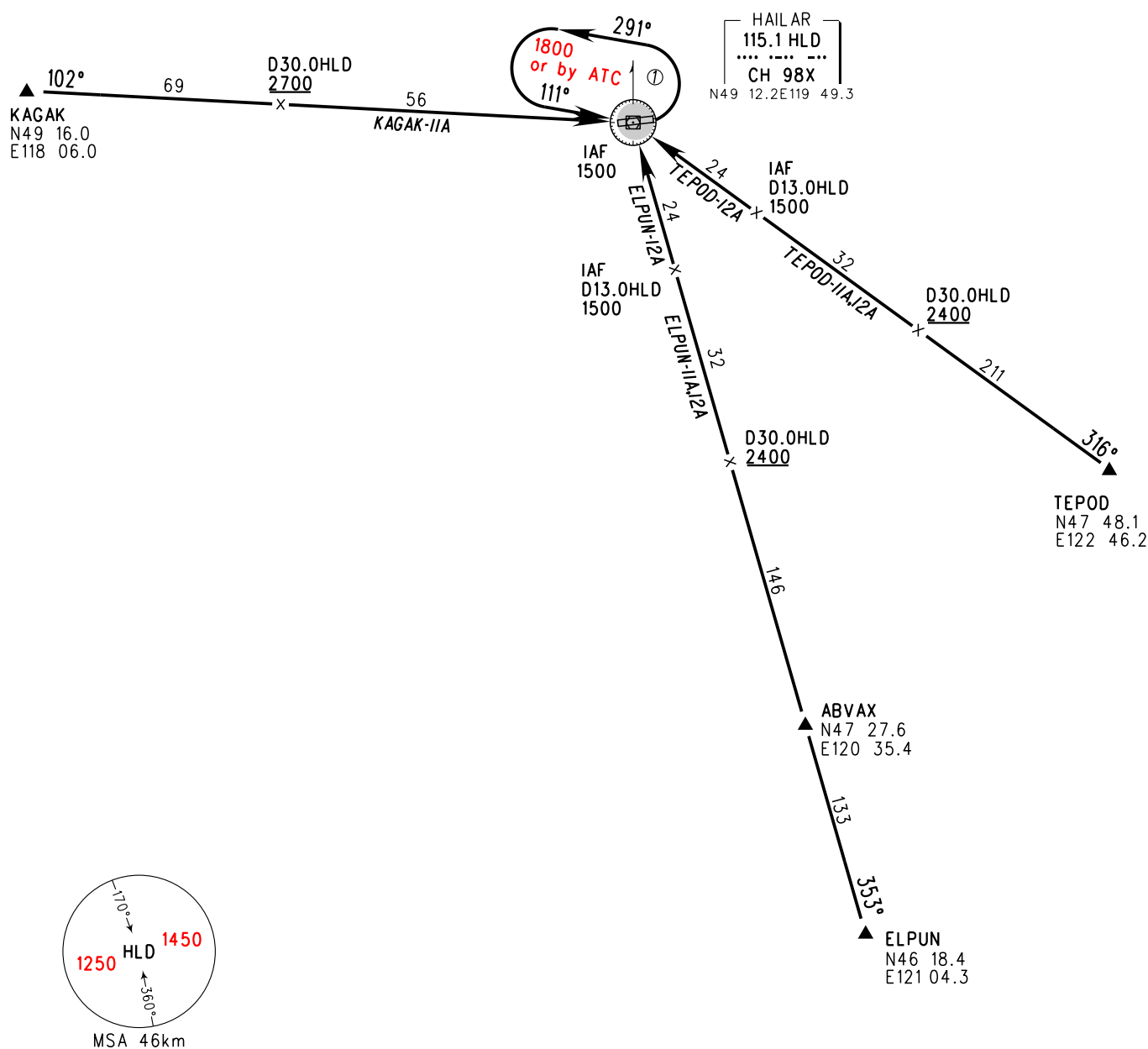
BEARINGS ARE MAGNETIC.
ALTITUDES, ELEVATIONS
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DME DISTANCES IN
NAUTICAL MILES.
DISTANCES IN KM.

TL 3600
TA 3000
3300(QNH ≥ 1031hPa)
2700(QNH ≤ 979hPa)



NOT TO SCALE

Initial approach MAX IAS350km/h



Changes: MSA, altitude.

