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

ZGDY/DYG-张家界/荷花 ZHANGJIAJIE/Hehua

ZGDY 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	N29°06.1′ E110°26.7′ Center of RWY
2	机场基准点与城市的位置关系 Direction and distance from city	230° GEO, 4.5km from city center
3	机场标高、基准温度、低温均值 ELEV/Reference temperature/Mean low temperature	217.2 m/34.5℃(AUG)/2.4℃(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	Zhangjiajie Hehua International Airport Branch CO. Zhangjiajie Hehua International Airport, Zhangjiajie, Hunan province, China Post code:427000 TEL:86-744-8238212 FAX:86-744-8238307 AFS:ZGDYZPZX Website:www.zjjhhjc.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/4D
9	备注 Remarks	Nil

ZGDY 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	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	HS or O/R
12	备注 Remarks	Nil

ZGDY 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 belt truck(1t), luggage towing vehicle(25t), platform lorry(2t, 1.5t), fork, platform lift(7t)
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 truck: (18000, 35000 litres): 13 litres/sec
5	除冰设施 De-icing facilities	2 De-icers, De-icing fluid
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 maintenance available for various types of aircraft on request: B737-300/400/500/600/700/800, A319, A320-200, A321
8	备注 Remarks	Ground power unit, ground air supply unit, air preconditioning unit, aircraft tractor unit. Ground power(AN17PC090-25(400HZ)) and ground air condition(JDFX160) of Bridge Nr.12-15 are available for aircraft type of B737,A320.

ZGDY AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	In the city
2	餐饮 Restaurants	At AD
3	交通工具 Transportation	Passenger's coaches, taxis
4	医疗设施 Medical facilities	First-aid station and ambulances 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

ZGDY 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: dry-chemical tender, heavy-duty foam tender, primary foam tender, logistics truck, rescue command car, illumination truck; Rescue equipment: hydraulic spreader, smoke ventilator, charger, toothless cutting saw, rapid intervention vehicle
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTOW up to B757-200 or A321 platform lorry, fork, uplift air cushion, air compressor, mobile surface, steel cable, rack, crosstie, steel plate
4	备注 Remarks	Nil

ZGDY 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 pusher, snow fluid truck
2	扫雪顺序 Clearance priorities	RWY, TWY, Apron
3	备注 Remarks	Snow fluid truck used for RWY deicing

ZGDY 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 670/R/A/W/T
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	宽度 Width	39m : F(north of TWY A), T3 23m : A, B, F(south of TWY A), G, H, J, T1, T4
		道面 Surface	CONC
		强度 Strength	PCR 680/R/A/W/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	

ZGDY 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. 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
		跑道灯光 RWY lights	RTHL, WBAR, REDL, RCLL, RENL
		滑行道标志 TWY markings	Edge line, center line, intermediate holding position
		滑行道灯光 TWY lights	Edge line lights, center line lights(A, B, F, H, 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	Nil

ZGDY 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
TOWER 001	TOWER	028/378	251.9	LGT	
BLDG 002	BLDG	040/4230	269.5	LGT	
MT 003	MT	086/7133	280		RWY26 GP INOP approach
NATURAL_HIGHPOINT 004	NATURAL_HIGHPOINT	090/4043	300		RWY08 RNP departure
MT 005	MT	095/10617	498.6		
MT 006	MT	096/12489	515.2		RWY26 Final approach (SDF-SDF)
MT 007	MT	096/13356	567.2		
MT 008	MT	099/13549	768.3		
NATURAL_HIGHPOINT 009	NATURAL_HIGHPOINT	104/7848	480		RWY26 Final approach
MT 010	MT	113/8404	869.6		
MT 011	MT	138/8102	1227.1		

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
NATURAL_HIGHPOINT 012	NATURAL_HIGHPOINT	151/6325	1420		RWY26 Initial approach
MT 013	MT	154/6804	1523.4		
MT 014	MT	205/10371	1533.7		RWY08/26 DYG VOR holding Sector
MT 015	MT	210/2082	470.6		
NATURAL_HIGHPOINT 016	NATURAL_HIGHPOINT	223/2855	500		
NATURAL_HIGHPOINT 017	NATURAL_HIGHPOINT	225/3754	600		RWY08 VOR final approach RWY26 ILS/DME 2.5% missed approach
NATURAL_HIGHPOINT 018	NATURAL_HIGHPOINT	229/3600	400		RWY08 GP INOP final approach
MT 019	MT	229/5495	1052.3		
MT 020	MT	234/7506	1174.5		
NATURAL_HIGHPOINT 021	NATURAL_HIGHPOINT	235/4419	500		
MT 022	MT	245/10817	660.2		RWY26 Departure
Pole 023	Pole	257/3717	254.4		RWY26 Take-off path
MT 024	MT	261/11627	444.7		RWY26 Take-off path

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
MT 025	MT	275/6254	378.2		
MT 026	MT	279/840	228.3		
MT 027	MT	283/13648	829.5		

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 028	MT	018/32324	1251		RWY26 Initial approach
MT 029	MT	044/37248	1183		
MT 030	MT	056/19497	883		
MT 031	MT	076/42304	1269		
MT 032	MT	081/34969	983		RWY26 Initial approach
MT 033	MT	085/18573	792		RWY26 Final approach (FAF-SDF)
MT 034	MT	089/25651	871		
MT 035	MT	091/15690	824		RWY08 Departure, ILS/DME 2.5% missed approach
MT 036	MT	093/30287	1045		RWY26 Intermediate approach

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 037	MT	094/28276	1051		RWY26 Initial approach
MT 038	MT	246/30929	1337		RWY08 Initial approach
MT 039	MT	246/32048	1445		RWY08 Arrival RWY26 Arrival
TV TWR 040	TV TWR	246/32078	1499		RWY08 Initial approach RWY26 Departure
MT 041	MT	251/15881	650		RWY08 GP INOP final approach (FAF-SDF)
MT 042	MT	259/16068	644		
MT 043	MT	265/21515	879		RWY08 Intermediate approach
NATURAL_HIGHPOINT 044	NATURAL_HIGHPOINT	273/15968	760		RWY08 VOR final approach (FAF-SDF)
MT 045	MT	273/20578	868		
MT 046	MT	275/15254	831		RWY26 Missed approach
MT 047	MT	278/33280	1099		
MT 048	MT	284/35886	1028		
MT 049	MT	289/14992	587		RWY26 Departure
MT 050	MT	316/22063	1129		
MT 051	MT	319/34134	1263		RWY08 Initial approach

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 052	MT	351/22447	1253		

Remarks:

ZGDY 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	Zhangjiajie Hehua International Aerodrome 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 validity/Interval of issuance	Zhangjiajie Hehua International Aerodrome MET Office;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	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	Briefing provided: Synoptic charts, significant weather charts, upper W/T Charts, satellite and radar material, OBMAN automatic
8	提供气象情报的辅助设备 Supplementary equipment available for providing information	MET Service Terminal, MET radar display, satellite cloud display, AWOS data display
9	提供气象情报的空中交通服务单位 ATS units provided with information	Nil
10	其他信息 Additional information	MET Forecast Office TEL: 86-744-8238218; MET Observe Office TEL: 86-744-8238432

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 plus accident 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: 110m S of RCL, 375m inward THR08 B: 110m S of RCL, 1300m inward THR08 C: 110m S of RCL, 352m inward THR26 SFC wind sensors 08: 110m S of RCL, 370m inward THR08 RWY center: 110m S of RCL, 1310m inward THR08 26: 110m S of RCL, 330m inward THR26 Ceilometer Near ILS/LOC 08 and ILS/LOC 26.
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

ZGDY 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	075.69° GEO 079° MAG	2600×45	PCR 690/R/A/W/T CONC/-	Nil	THR 217.2m TDZ 217.2m	-0.4%(200m)/-0.5%(500m)/-0.65%(1200m)/-0.5%(700m)

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
26	255.7° GEO 259° MAG	2600×45	PCR 690/R/A/W/T CONC/-	Nil	THR 202.6m TDZ 208.7m	0.5%(700m)/0.65%(1200m)/0.5%(500m)/0.4%(200m)

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	180×150	2720×300	250×120	Nil	Nil
26	Nil	210×150	2720×300	250×120	Nil	Nil
Remarks: 60×45m anti-blast pad on the both ends of RWY. RWY shoulder: 7.5m on each side. RWY is grooved.						

ZGDY 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	2600	2780	2600	2600	Nil
26	2600	2810	2600	2600	Nil

ZGDY 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

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
08	PALS CAT I SFL 900 m LIH	GREEN Yes	PAPI LEFT 300m inward THR08 3.2° 14.4m	Nil	2600 m spacing 30m 0-1700m, WHITE 1700-2300m, RED/WHITE 2300-2600m, RED VRB LIH	2600 m spacing 60m 0-2000m, WHITE 2000-2600m, YELLOW VRB LIH	RED	Nil
26	PALS CAT I SFL 900 m LIH	GREEN Yes	PAPI LEFT 248m inward THR26 3.2° 14.2m	Nil	2600 m spacing 30m 0-1700m, WHITE 1700-2300m, RED/WHITE 2300-2600m, RED VRB LIH	2600 m spacing 60m 0-2000m, WHITE 2000-2600m, YELLOW VRB LIH	RED	Nil
Remarks:								

ZGDY 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	Nil
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 TWYs A, B, F, H, J: green center line lights
4	备份电源及转换时间 Secondary power supply/Switch-over time	Secondary power supply, diesel engine supply available/ 10 sec
5	备注 Remarks	The centre line lights on TWY(A、B、H、J) near to RWY up to RWY holding position are YELLOW/GREEN, there are not centre line lights on TWY F(BTN TWY A & RWY) and TWY G

ZGDY 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

ZGDY 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
Zhangjiajie tower control area	A circle, radius 30NM centered at Zhangjiajie VOR/DME	SFC-3600m MSL				
Fuel Dumping area	N29 03.5E110 38.0-N28 48.2E110 11.5-N28 10.5E110 26.5-N28 53.2E110 58.0-N29 03.5E110 38.0	Above 4000m				
Altimeter setting region and TL/TA	A circle with a radius of 55km centered on Zhangjiajie VOR/DME.	TL 3600m TA 3000m 3300m(QNH≥1031hPa) 2700m(QNH≤979hPa)				

ZGDY 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		126.875			H24	
TWR	Zhangjiajie Tower	118.45			H24	
EMG		121.5			H24	

ZGDY 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
Zhangjiajie VOR/DME	DYG	114.4 MHz CH 91X	H24	N29°05.6′ E110°24.3′ 258° MAG/ 3745m FM RWY center	246 m	Coverage for VOR: 200km. Coverage for DME: 350km. For VOR/DME: R120°-R230° clockwise(except on R126°) U/S; For VOR: Beyond 17NM on R126° for STAR/SID U/S; For DME: Beyond 8NM on R126° for STAR/SID U/S.
Yinjiaxi NDB	JX	319 kHz		N29°10.9′ E110°24.0′ 336°MAG/9674m FM RWY Center		U/S

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
LMM 08	D	308 kHz		N29°05.9′ E110°25.0′ 259° MAG/1314m FM THR08		U/S
OM 08		75 MHz		259° MAG/9972m FM THR08		U/S
LOC 08 ILS CAT I	IZJ	109.7 MHz		079°MAG/250m FM RWY08 end		Beyond +15°, -10° and 15NM of front course U/S
GP 08		333.2 MHz		120m S of RCL, 314m inward THR08		Angle 3.2°, RDH 16.8m, Coverage 10NM, below elevation angle 1.7° U/S
DME 08	IZJ	CH 34X (109.7 MHz)			220m	Co-located with GP 08
LOM 26	PS	278 kHz		N29°07.8′ E110°34.4′ 079° MAG/11552m FM THR26		U/S
LMM 26	P	384 kHz		N29°06.6′ E110°28.1′ 079° MAG/1305m FM THR26		U/S
LOC 26 ILS CAT I	IPS	108.9 MHz		259°MAG/250m FM RWY26 end		Beyond +20° of front course U/S
GP 26		329.3 MHz		266m inward THR26, 120m S of RCL		Angle 3.2°, RDH 15m Below 1.85° U/S
DME 26	IPS	CH 26X (108.9 MHz)			206m	Co-located with GP 26

ZGDY AD 2.20 本场规定

ZGDY AD 2.20 Local aerodrome regulations

1. 机场使用规定

无

1.Airport operations regulations

Nil

2. 跑道和滑行道的使用

2. Use of runways and taxiways

滑行道/TWYs	航空器翼展限制（m）/Wing span limits for aircraft(m)
T1	≤52
T3, T4	≤36

2.2 B、F、G、H、J 滑行道均为单向滑行，仅供航空器脱离跑道使用。

2.2 TWYs B, F, G, H, J are only available for vacating RWY.

3. 机坪和机位的使用

3. Use of aprons and parking stands

3.1 航空器进入停机位需由地面人员引导。

3.1 Aircraft entering into parking stands shall be guided by marshaller.

3.2 停机位限制

3.2 Limits for parking stands

停机位/Stands	航空器翼展限制/Wing span limits for aircraft	机身长度限制/Fuselage limits	滑入、滑出方式/Enter or Exit
Nr.1-8	36m	39.5m	Taxi in and taxi out
Nr.9-11,15-17	36m	46.5m	Taxi in and push back
Nr.18-21	36m	47.5m	Taxi in and push back
Nr.12,14	52m	58.5m	Taxi in and push back
Nr.13	52m	61.5m	Taxi in and push back

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

直升机进出停机位必须由地面人员引导。

6. 警告

机场南北方向的障碍物对飞行影响较大。

5. Helicopter operation restrictions and helicopter parking/docking area

Helicopters shall follow the instruction of marshallers to entering /exiting the parking stands.

6. Warning

Pay special attention to the obstacles at the north and south of aerodrome.

ZGDY AD 2.21 减噪程序

无

ZGDY AD 2.21 Noise abatement procedures

Nil

ZGDY AD 2.22 飞行程序

1. 总则

除经塔台特殊许可外，在张家界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

起落航线只准在跑道北侧进行，起落航线高度：850-900m。

3. 仪表飞行程序

无

4. 雷达程序和/或 ADS-B 程序

张家界荷花国际机场塔台管制范围内实施 ADS-B 监视运行，航空公司安排不具备 ADS-B 能力的航空器执行航班或航空器在飞行任务中 ADS-B 机载设备故障时，应及时通报张家界荷花国际机场塔台管制室。

ZGDY AD 2.22 Flight procedures

1. General

Flights within Zhangjiajie 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 the north of RWY, at the altitude of 850-900m.

3. IFR flight procedures

Nil

4. Radar procedures and/or ADS-B procedures

ADS-B surveillance within Zhangjiajie TWR Control area has been implemented. Aircraft without ADS-B or with equipment failure during flight shall report Zhangjiajie TWR ATC in time, Tel:86-744-8238430.

塔台管制室电话：0744-8238430。

5. 无线电通信失效程序

参见 AIP GEN3.4.5 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. 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. 目视飞行程序

无

6. Procedures for VFR flights

Nil

7. 目视飞行航线

无

7. VFR route

Nil

8. 其它规定

无

8. Other regulations

Nil

ZGDY AD 2.23 其它资料

鸟情资料

每年的 4 月份、5 月份和 7 月份-10 月份是鸟击事件高发期,机场配备了驱鸟设备,机场当局采取了驱赶措施，以减少鸟群活动。

ZGDY AD 2.23 Other information

Bird’s information

It is a high-incidence season of bird strike in April, May and July- October every year. AD is equipped with bird dispersal equipments, and takes actions to reduce bird activities.

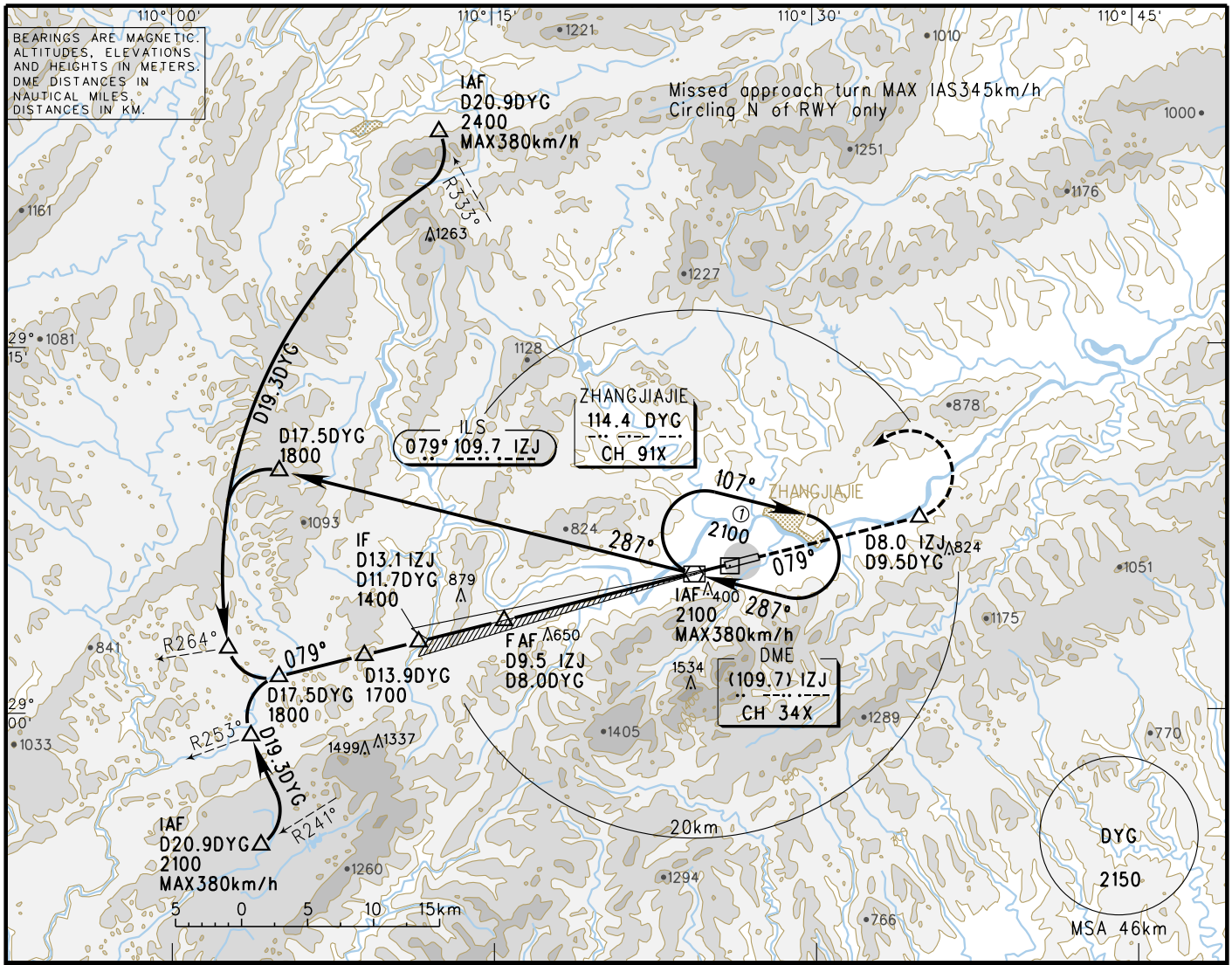
INSTRUMENT APPROACH CHART-ICAO

VAR3° W

AERODROME ELEV 217.2
THR RWY08 ELEV 217.2

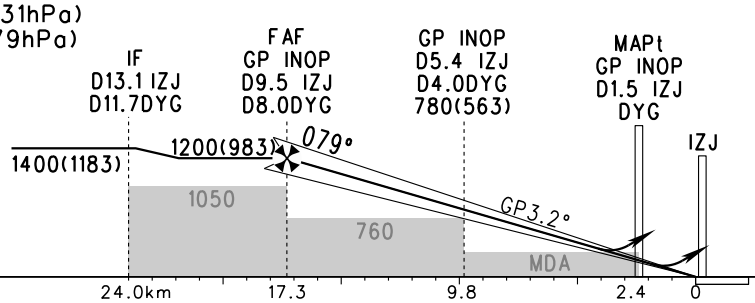
ATIS 126.875
TWR 118.45

ZGDY ZHANGJIAJIE/Hehua
ILS/DME z RWY08



GP INOP	DME (IZJ) (NM)	9	8	7	6	5	4	3
	ALT (m)	1147	1043	940	836	732	629	525

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



MISSED APPROACH

Climb straight ahead to D8.0 IZJ or D9.5DYG , turn LEFT to 2100, then fly to DYG or contact ATC.

		A	B	C	D
ILS/DME 4% Ⓐ	DA(H) RVR/VIS	292(75) Ⓑ800/800			
ILS/DME 2.5% Ⓐ	DA(H) VIS	487(270) 4000			
GP INOP	MDA(H) VIS	440(223) 3100			
CIRCLING	MDA(H) VIS	955(738) 5000			

FAF-MAPt(GP INOP) 14.9km

GS in kt km/h	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	6:02	4:50	4:01	3:27	3:01	2:41
Rate of descent m/s	2.3	2.9	3.4	4.0	4.6	5.2

Note: Ⓐ Missed approach gradient.
Ⓑ RVR550 can be implemented when using approved HUD or AP or FD for approach.

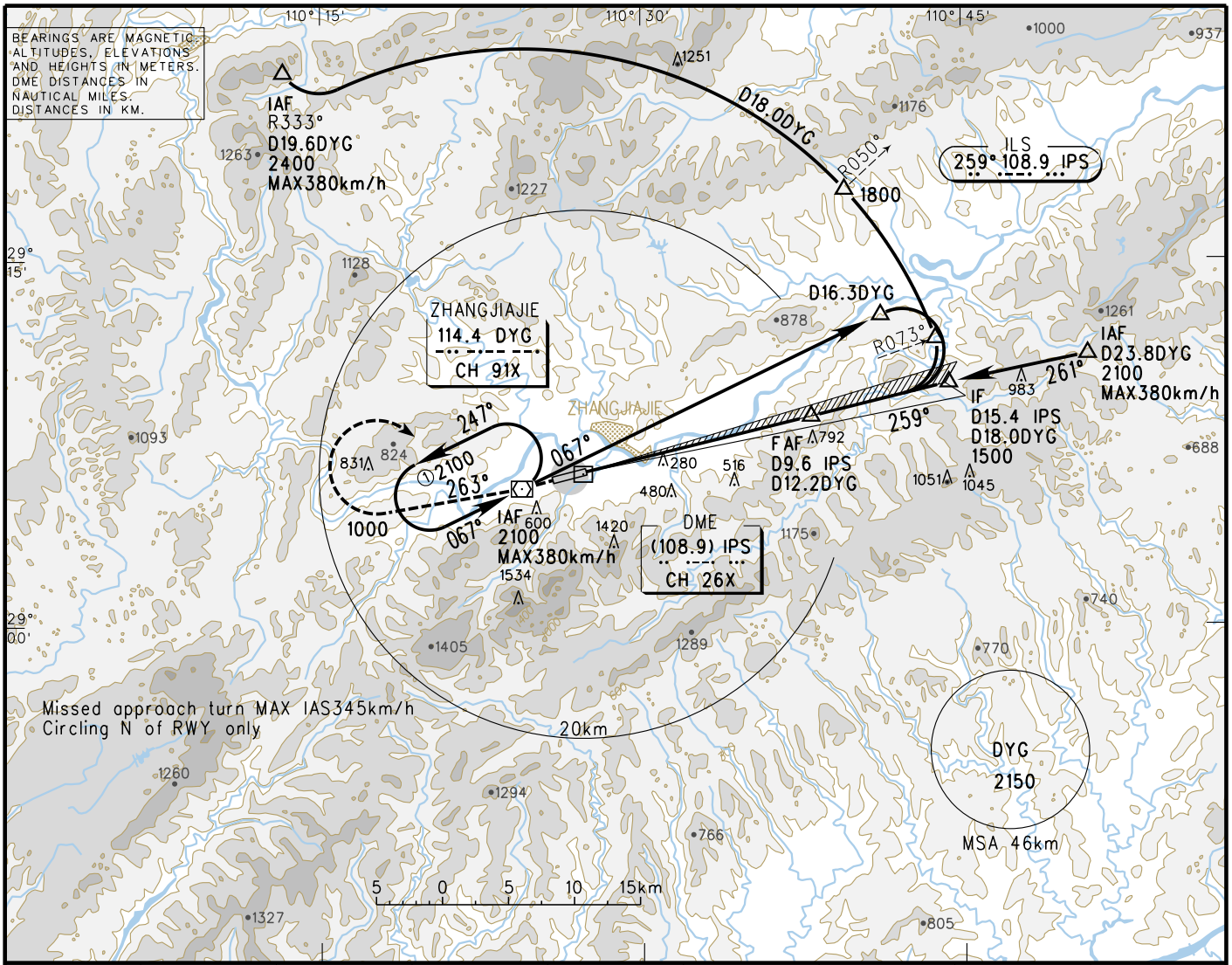
INSTRUMENT APPROACH CHART-ICAO

VAR3° W

AERODROME ELEV 217.2
THR RWY26 ELEV 202.6

ATIS 126.875
TWR 118.45

ZGDY ZHANGJIAJIE/Hehua
ILS/DME z RWY26

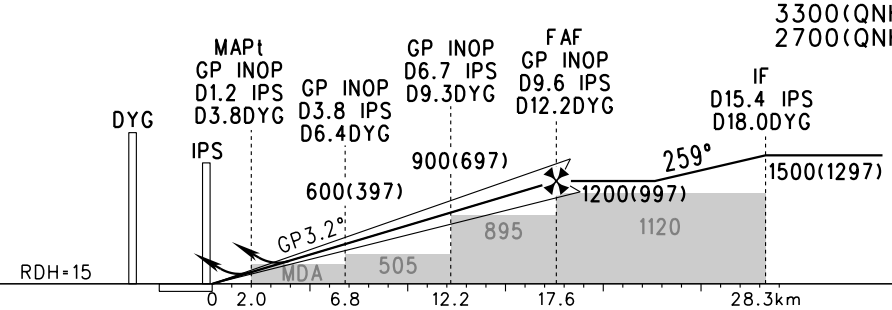


GP INOP	DME (IPS) (NM)	2	3	4	5	6	7	8
	ALT (m)	410	513	617	720	824	928	1031

MISSED APPROACH

Climb straight ahead to DYG, then turn RIGHT, intercept R263° DYG, climb to 1000, then turn RIGHT to DYG at 2100, or contact ATC.

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



		A	B	C	D
ILS/DME 5% Ⓐ	DA(H) RVR/VIS	293(90) 800/800			
ILS/DME 2.5% Ⓐ	DA(H) VIS	473(270) 4000			
GP INOP	MDA(H) VIS	395(193) 2600			
CIRCLING	MDA(H) VIS	955(738) 5000			

FAF-MAPt(GP INOP) 15.6km

GS in kt / km/h	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	6:19	5:03	4:13	3:37	3:10	2:48
Rate of descent m/s	2.3	2.9	3.4	4.0	4.6	5.2

Note: Ⓐ Missed approach gradient

Changes: Missed approach.

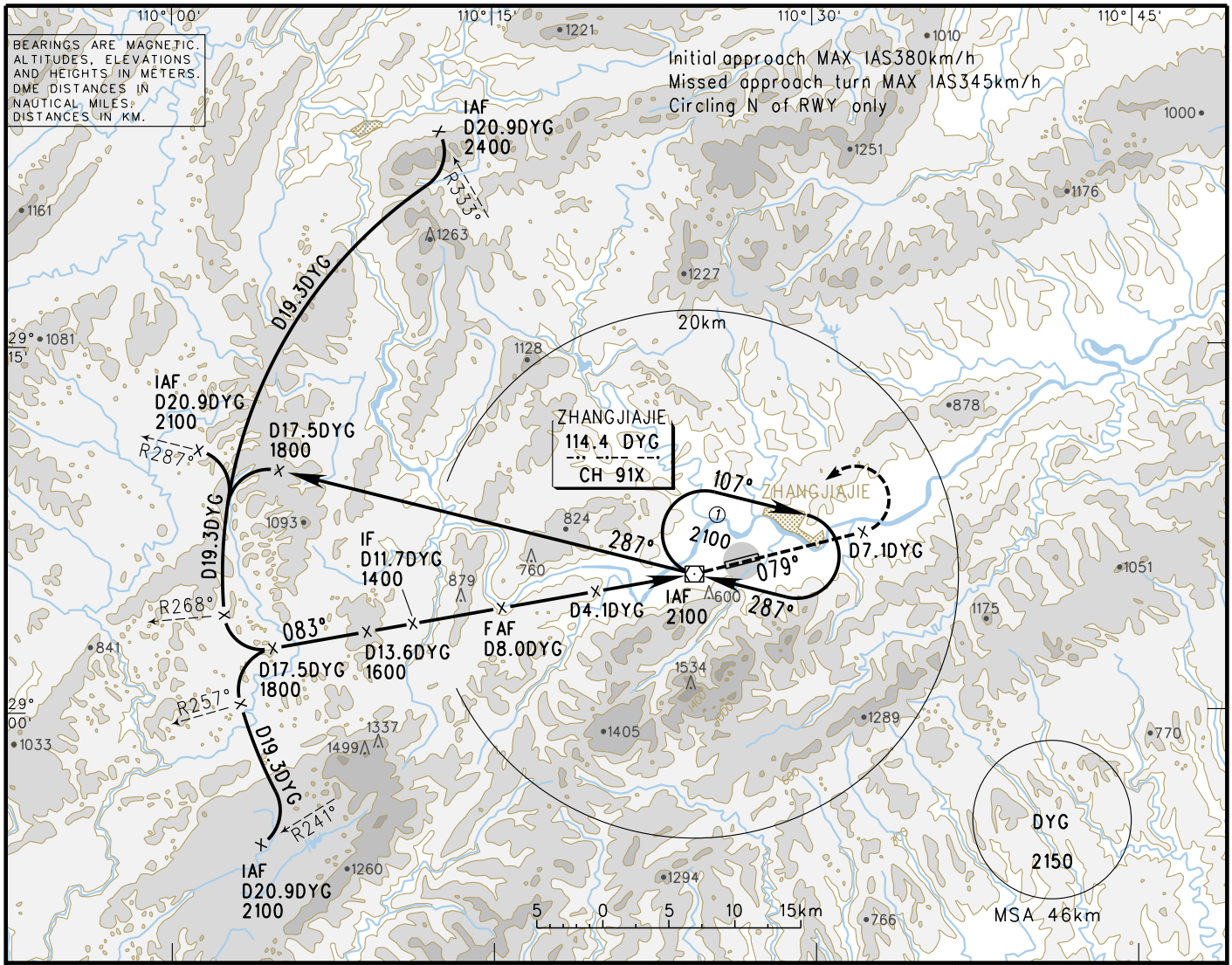
INSTRUMENT APPROACH CHART-ICAO

VAR3° W

AERODROME ELEV 217.2
THR RWY08 ELEV 217.2

ATIS 126.875
TWR 118.45

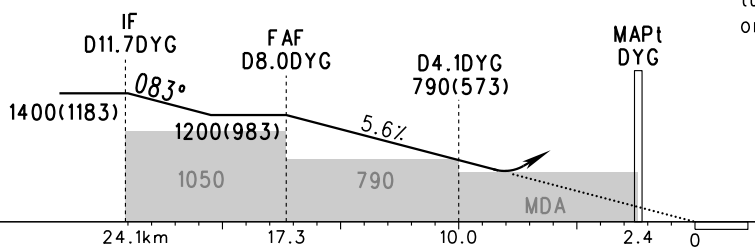
ZGDY ZHANGJIAJIE/Hehua
VOR/DME z RWY08



DME (DYG) (NM)	8	7	6	5	4	3	2	1
ALT (m)		1095	992	888	785	681		

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

MISSED APPROACH
Climb straight ahead to DYG, then track 079° to D7.1 DYG, turn LEFT to DYG at 2100, or contact ATC.



	A	B	C	D
VOR/DME MDA(H) VIS	675(458) 5000			
CIRCLING MDA(H) VIS	955(738) 5000			

FAF-MAPt 14.9km

GS in kt km/h	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	6:02	4:50	4:01	3:27	3:01	2:41
Rate of descent m/s	2.3	2.9	3.4	4.0	4.6	5.2

Changes: Chart number.

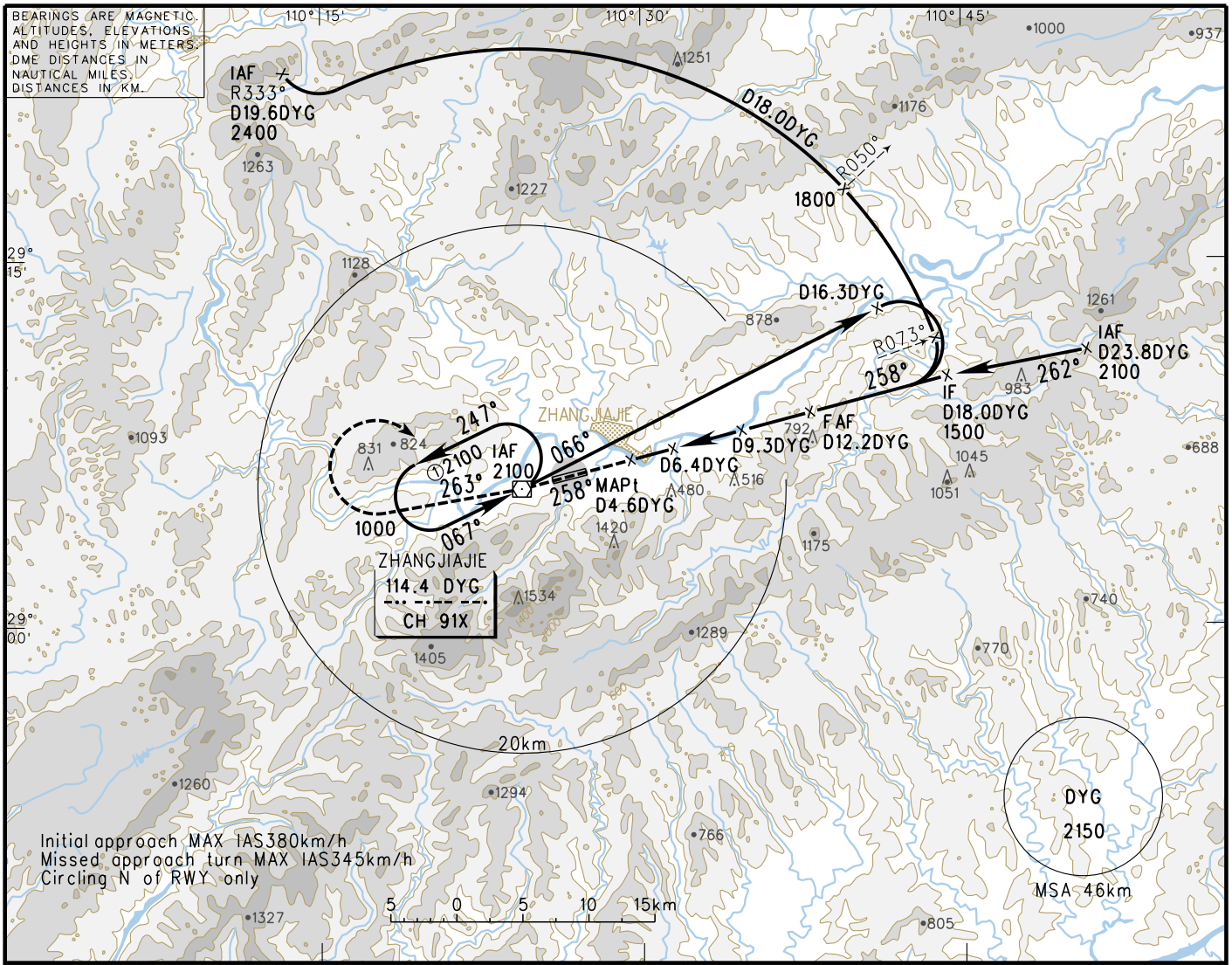
INSTRUMENT APPROACH CHART-ICAO

VAR3° W

AERODROME ELEV 217.2
THR RWY26 ELEV 202.6

ATIS 126.875
TWR 118.45

ZGDY ZHANGJIAJIE/Hehua
VOR/DME z RWY26

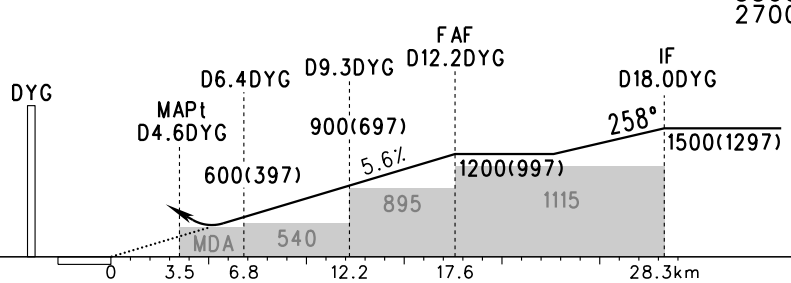


DME (DYG) (NM)	5	6	7	8	9	10	11	12
ALT (m)		558	662	766	870	974	1078	1182

MISSED APPROACH

Track 258° to DYG, turn RIGHT and intercept R263°DYG, climb to 1000, then turn RIGHT to DYG at 2100, or contact ATC.

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



	A	B	C	D
VOR/DME MDA(H) VIS	500(297) 4500			
CIRCLING MDA(H) VIS	955(738) 5000			

FAF-MAPt 14.1km

GS in kt / km/h	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	5:43	4:34	3:48	3:16	2:51	2:32
Rate of descent m/s	2.3	2.9	3.4	4.0	4.6	5.2

Changes: Chart number.

AERODROME CHART

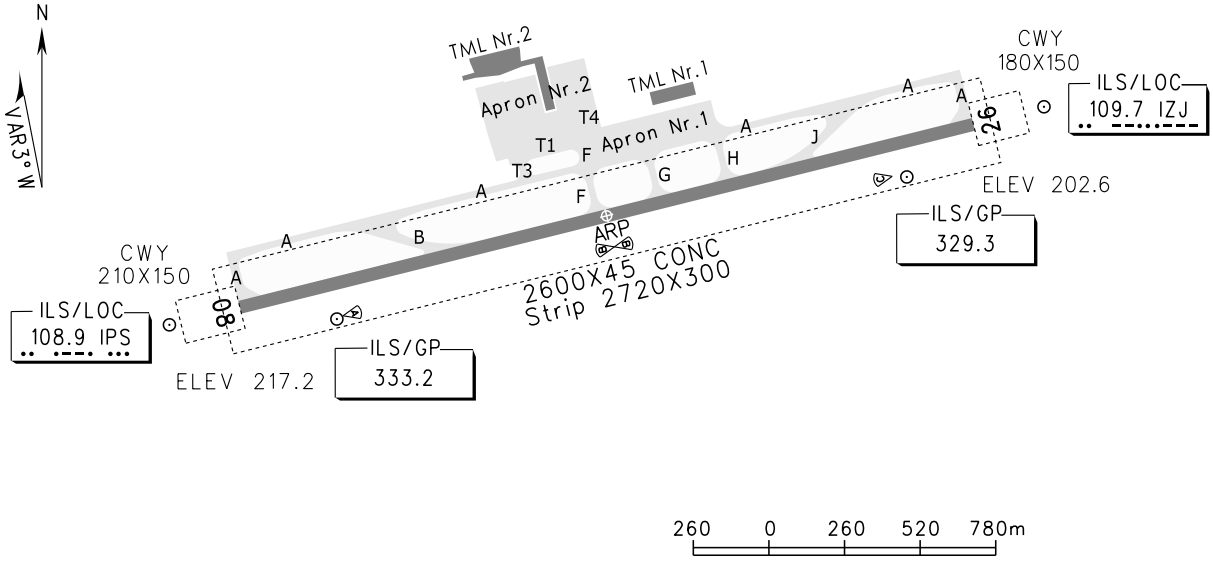
ATIS 126.875
TWR 118.45

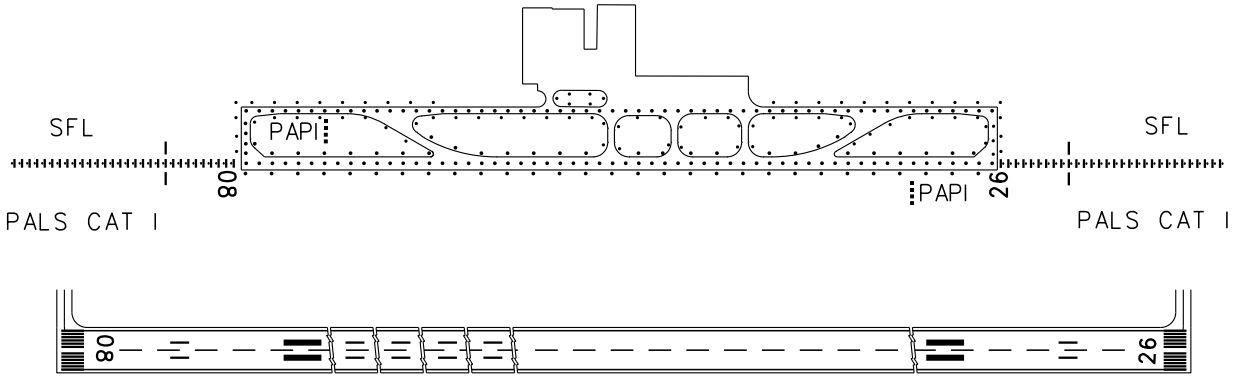
ZGDY ZHANGJIAJIE/Hehua

N29°06.1'E110°26.7' ELEV 217.2m

RWY	Direction	Bearing strength
08	079°	PCR 690/R/A/W/T: RWY08/26 CONC PCR 680/R/A/W/T: TWY
26	259°	

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





TAKE-OFF MINIMA(WITH RELIABLE ALTN)(m)						LIGHTS	
ACFT Type		RWY08		RWY26		RWY08	RWY26
		REDL	NIL(Day only)	REDL	NIL(Day only)		
2 TURB ENG or 3&4 ENG	A B C D	RVR400 VIS800	RVR500 VIS800	RVR400 VIS800	RVR500 VIS800	PALS CAT I SFL PAPI REDL RCLL RENL	PALS CAT I SFL PAPI REDL RCLL RENL
Other 1&2 ENG		RVR1600/VIS1600					
Note:							

Changes: PCR.

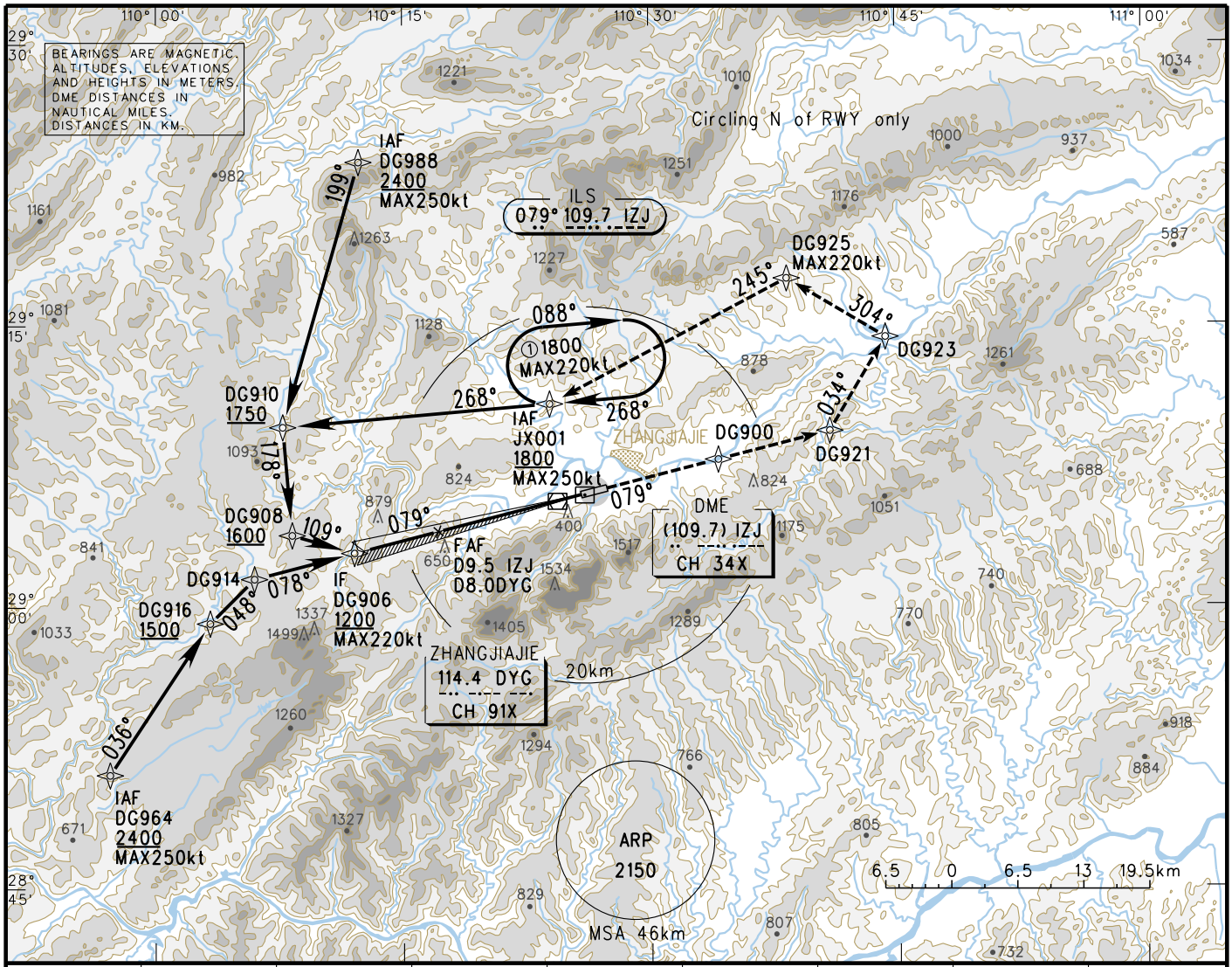
INSTRUMENT APPROACH CHART-ICAO

VAR 3° W

AERODROME ELEV 217.2
THR RWY08 ELEV 217.2

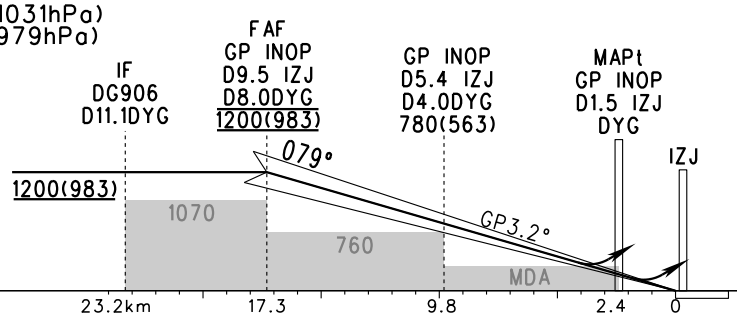
ATIS 126.875
TWR 118.45

ZGDY ZHANGJIAJIE/Hehua
RNP ILS/DME x RWY08



GP INOP	DME (IZJ) (NM)	9	8	7	6	5	4	3
	ALT(m)	1147	1043	940	836	732	629	525

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



MISSED APPROACH

Climb along missed approach track to 1800, then fly to JX001 and join in the holding pattern.

Note: Climb gradient 4% until 1200.

RDH=16.8

		A	B	C	D
ILS/DME 4% Ⓐ	DA(H) RVR/VIS		292(75) Ⓑ800/800		
ILS/DME 2.5% Ⓐ	DA(H) VIS	477(260) 3800	482(265) 3900		487(270) 4000
GP INOP 4% Ⓐ	MDA(H) VIS		440(223) 3100		
GP INOP 2.5% Ⓐ	MDA(H) VIS	477(260) 3800	482(265) 3900		487(270) 4000
CIRCLING	MDA(H) VIS		955(738) 5000		

FAF-MAPt(GP INOP) 14.9km

GS in kt / km/h	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	6:02	4:50	4:01	3:27	3:01	2:41
Rate of descent m/s	2.3	2.9	3.4	4.0	4.6	5.2

Note: Ⓐ Missed approach gradient. *Changes: DME/ALT, note.*
Ⓑ RVR550 can be implemented when using approved HUD or AP or FD for approach.

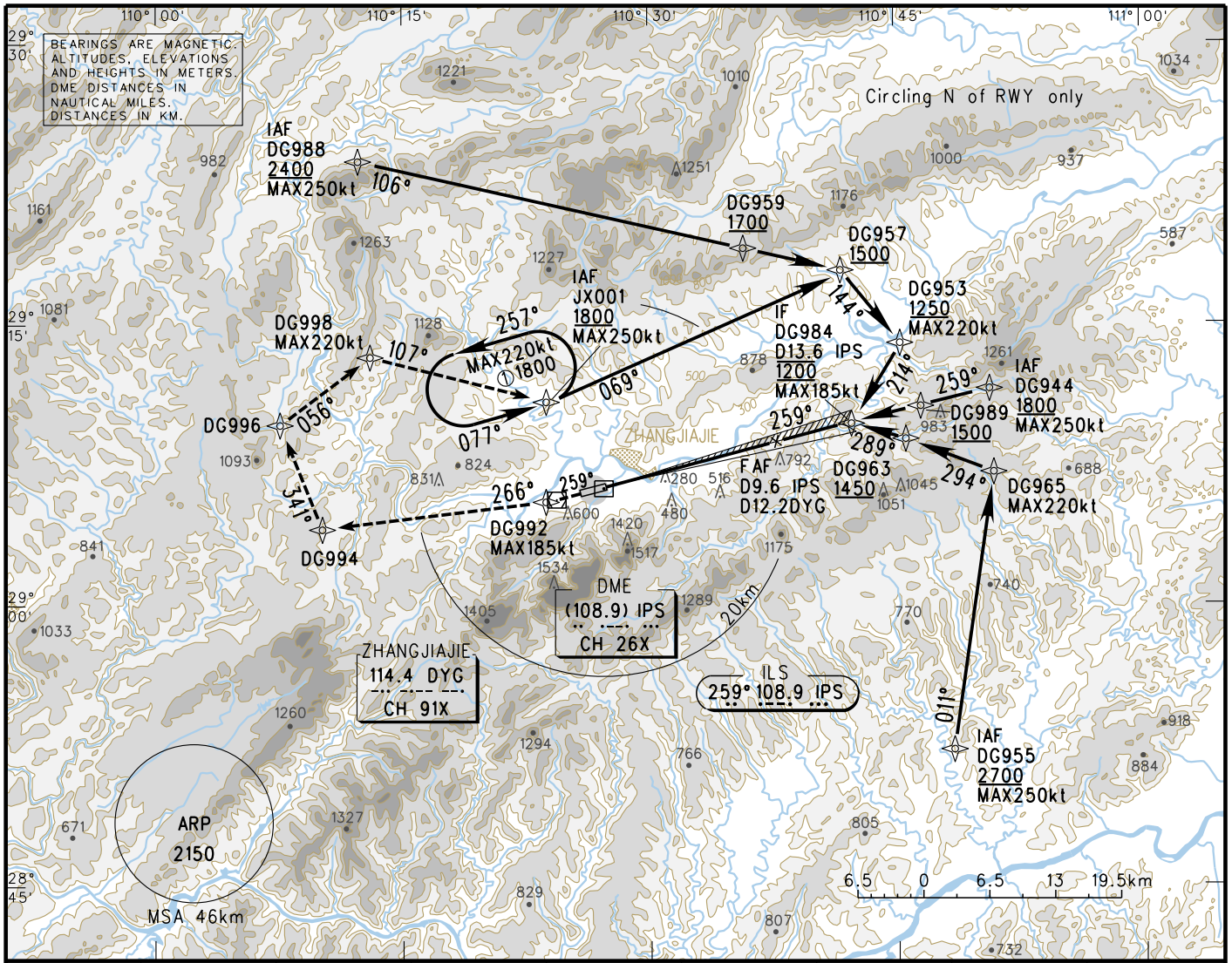
INSTRUMENT APPROACH CHART-ICAO

VAR3° W

AERODROME ELEV 217.2
THR RWY26 ELEV 202.6

ATIS 126.875
TWR 118.45

ZGDY ZHANGJIAJIE/Hehua
RNP ILS/DME x RWY26



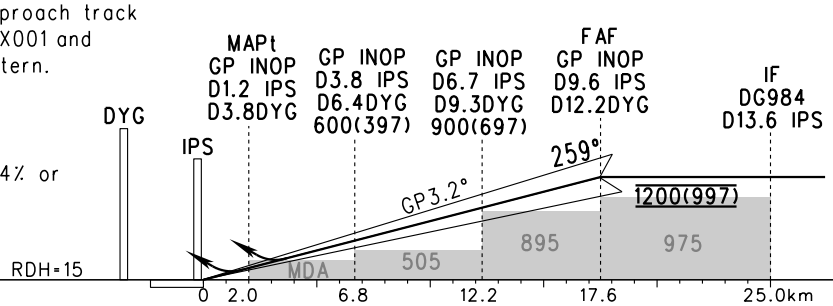
GP INOP	DME (IPS) (NM)	2	3	4	5	6	7	8
	ALT(m)	410	513	617	720	824	928	1031

MISSED APPROACH

Climb along missed approach track to 1800, then fly to JX001 and join in the holding pattern.

Note: Climb gradient 4% or 5% until 1200.

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



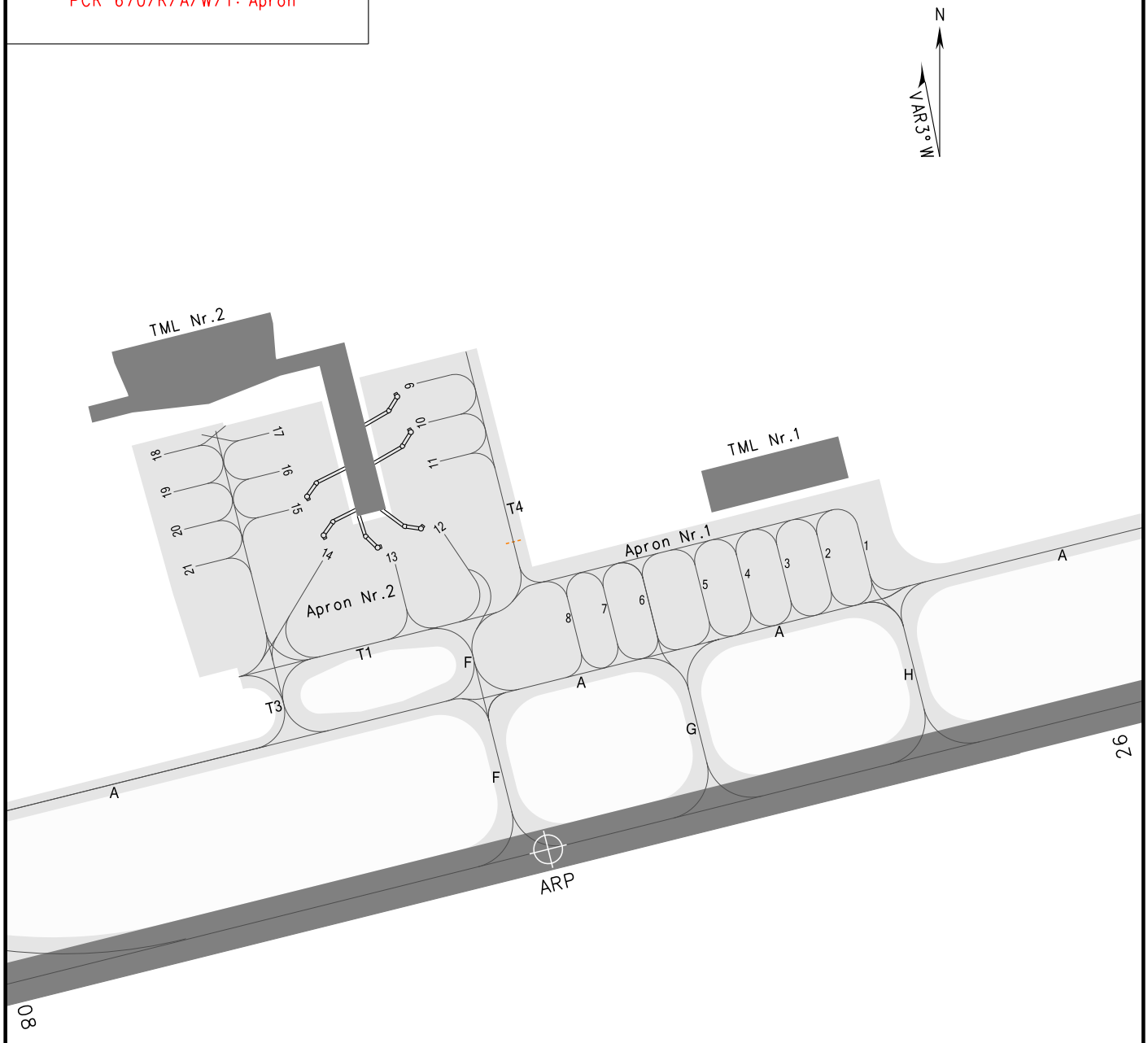
		A	B	C	D
ILS/DME 5% Ⓐ	DA(H) RVR/VIS	293(90) 800/800			
ILS/DME 4% Ⓐ	DA(H) RVR/VIS	323(120) 1300/1300		328(125) 1400/1400	333(130) 1500/1500
GP INOP 5% Ⓐ	MDA(H) VIS	395(193) 2600			
GP INOP 4% Ⓐ	MDA(H) VIS	395(193) 2600		400(198) 2700	410(208) 2900
CIRCLING	MDA(H) VIS	955(738) 5000			

FAF-MAPt(GP INOP) 15.6km

GS in kt / km/h	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	6:19	5:03	4:13	3:37	3:10	2:48
Rate of descent m/s	2.3	2.9	3.4	4.0	4.6	5.2

Note: Ⓐ Missed approach gradient
Missed approach gradient 2.5% DA(H)/VIS
A.B.C.D 473(270)/4000m.

Bearing strength
PCR 670/R/A/W/T: Apron



Remarks:

--- intermediate holding position

Changes: PCR.

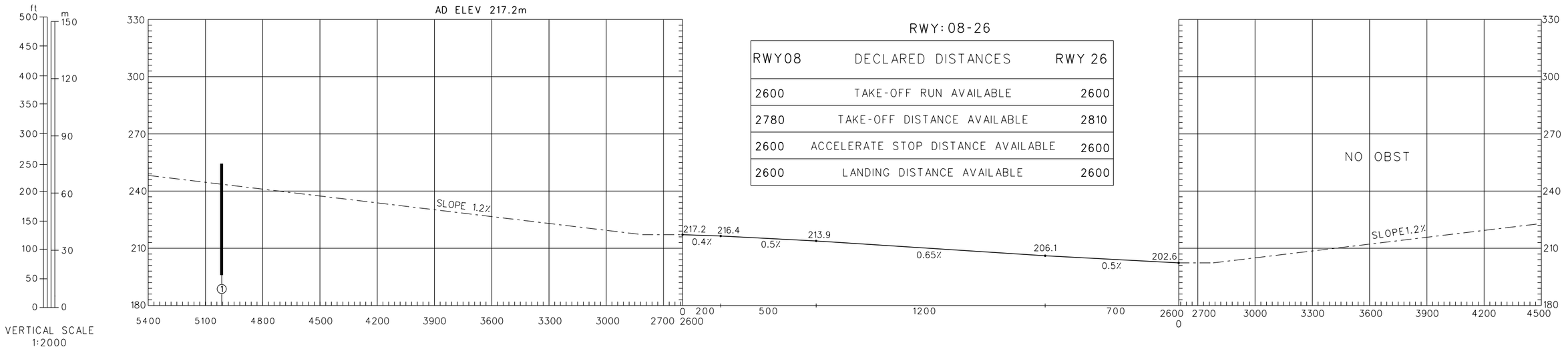
AERODROME OBSTACLE CHART-ICAO

TYPE A(OPERATING LIMITATIONS)

ZGDY ZHANGJIAJIE/Hehua
RWY08/26

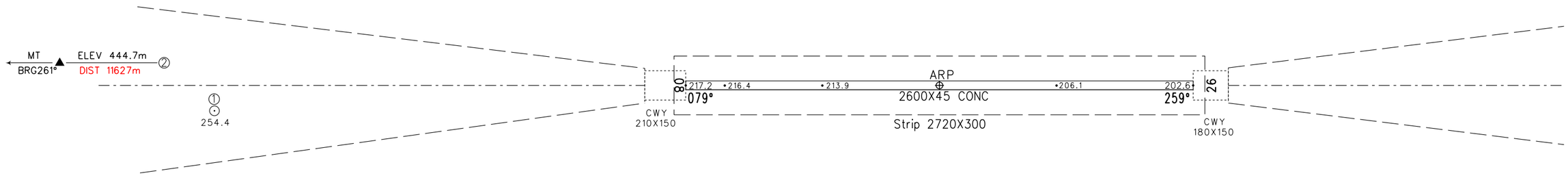
DIMENSIONS AND ELEVATIONS IN METERS BEARINGS ARE MAGNETIC

MAGNETIC VARIATION 3° W



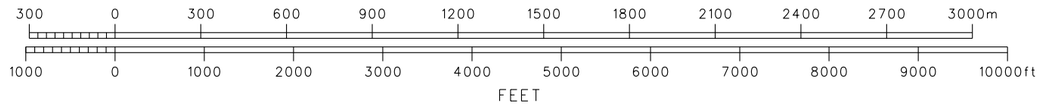
RWY:08-26

RWY08	DECLARED DISTANCES	RWY 26
2600	TAKE-OFF RUN AVAILABLE	2600
2780	TAKE-OFF DISTANCE AVAILABLE	2810
2600	ACCELERATE STOP DISTANCE AVAILABLE	2600
2600	LANDING DISTANCE AVAILABLE	2600



LEGEND	
①	OBST NR
⊙	LIGHTNING ROD
▲	MT

HORIZONTAL SCALE
1:20000
METERS



AMENDMENT RECORD		
NR	DATE	ENTERED BY

Changes: OBST DIST.

STANDARD DEPARTURE CHART-INSTRUMENT

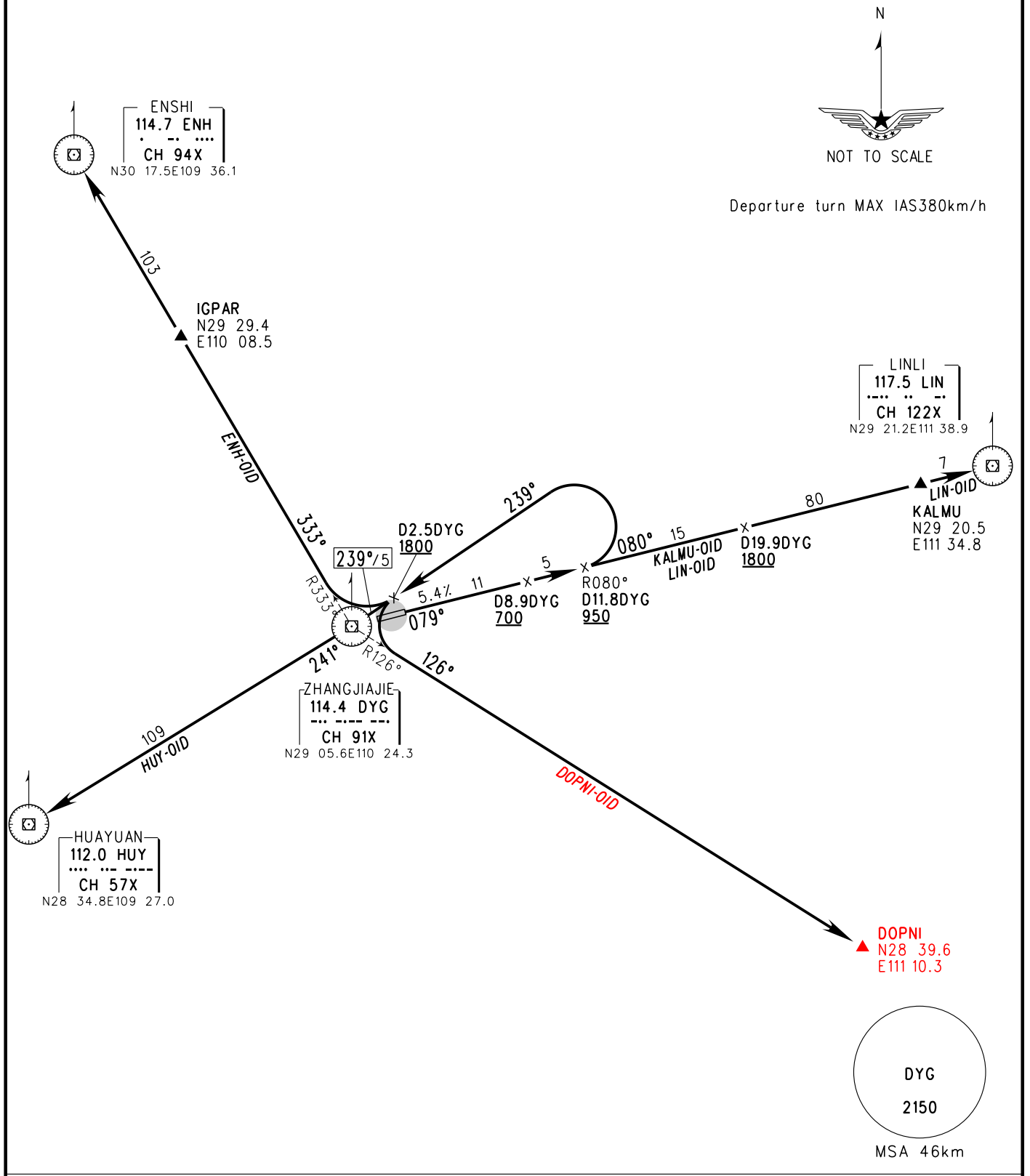
VAR3° W

ATIS 126.875
TWR 118.45

ZGDY ZHANGJIAJIE/Hehua
RWY08

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: DOPNI-OID.

STANDARD DEPARTURE CHART-INSTRUMENT

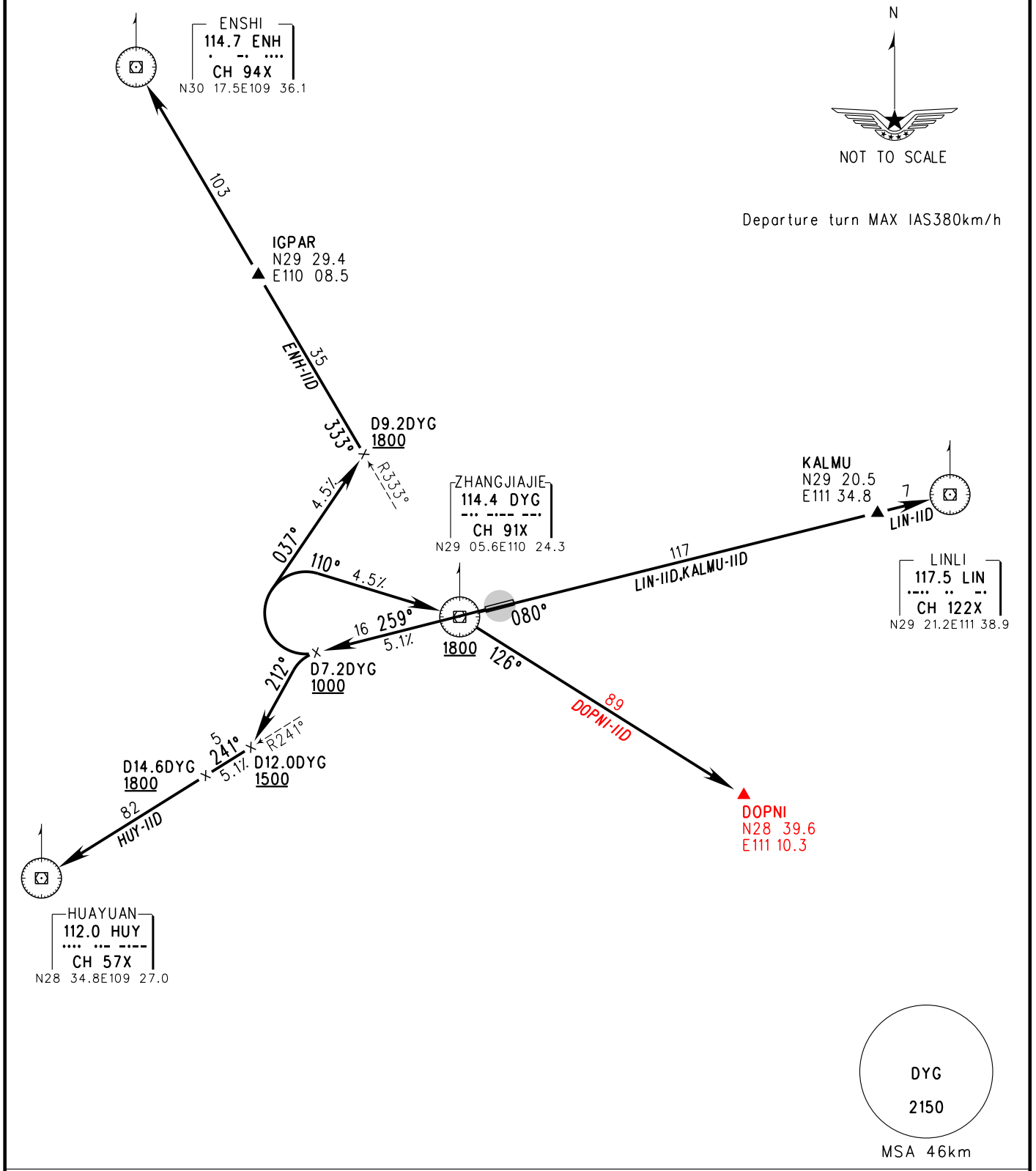
VAR3° W

ATIS 126.875
TWR 118.45

ZGDY ZHANGJIAJIE/Hehua
RWY26

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: DOPNI-IID.

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)

N

NOT TO SCALE

RNP1
GNSS

ENSHI
114.7 ENH
CH 94X
N30 17.5E109 36.1

ENH-07D 103

IGPAR

12
333°

DG456

31
326°

DG455
2400
MAX230kt

248°

231°

43

DG966

71
HUY-07D 241°

HUAYUAN
112.0 HUY
CH 57X
N28 34.8E109 27.0

17
079° 5.4%

DG451
1100

080° 81
LIN-07D
KALMU-07D

DG452
1800

LINLI
117.5 LIN
CH 122X
N29 21.2E111 38.9

KALMU

7
LIN-07D

DG453
1800
MAX230kt

155°

25

DG454

126° 33
DOPNI-07D

DOPNI

ARP
2150
MSA 46km

Changes: DOPNI-07D.

STANDARD DEPARTURE CHART-INSTRUMENT

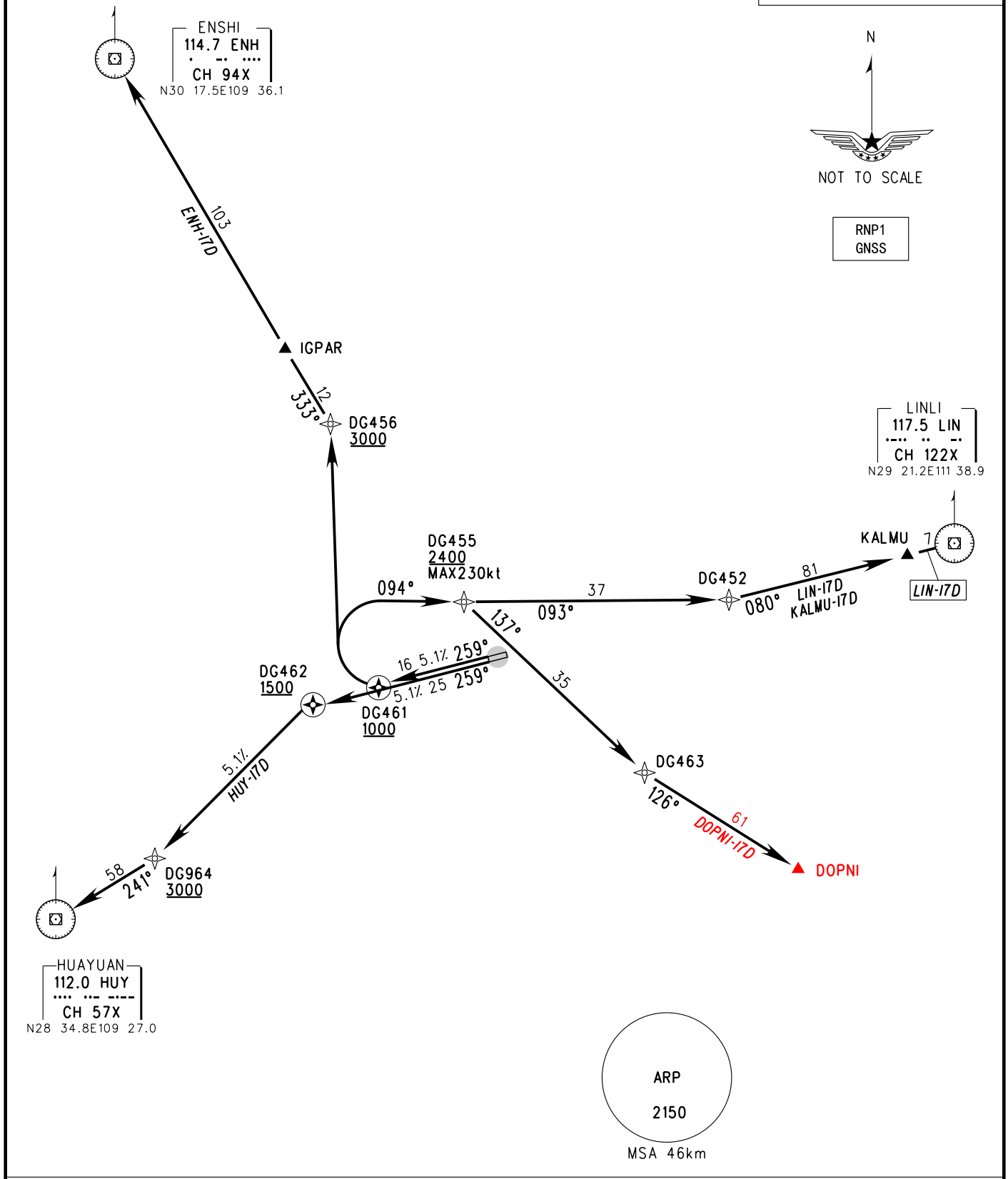
VAR3° W

ATIS 126.875
TWR 118.45

ZGDY ZHANGJIAJIE/Hehua
RNP RWY26

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

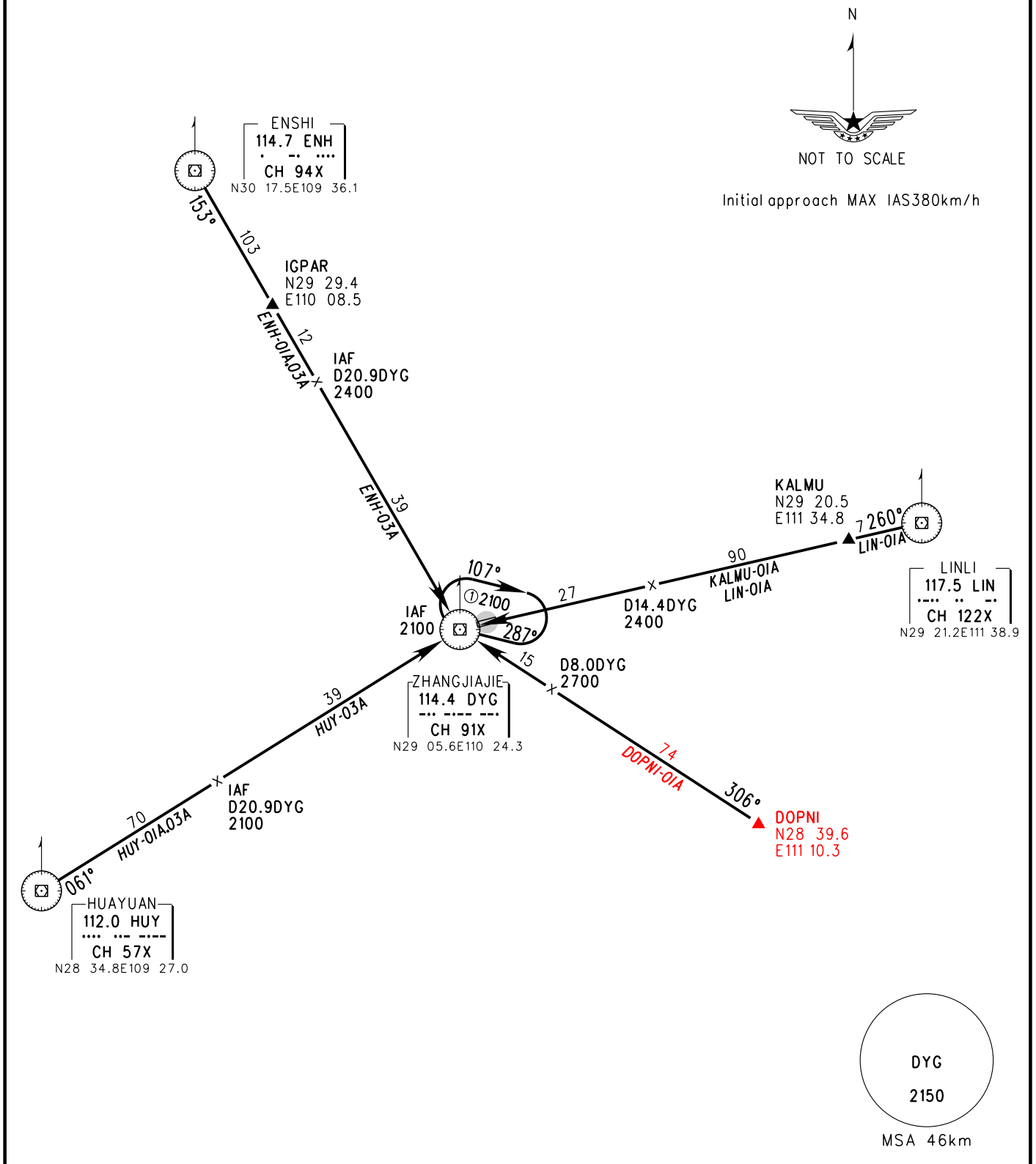
TL 3600
TA 3000
3300(QNH≥1031hPa)
2700(QNH≤979hPa)



Changes: DOPNI-17D.

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: DOPNI-01A

STANDARD ARRIVAL CHART-INSTRUMENT

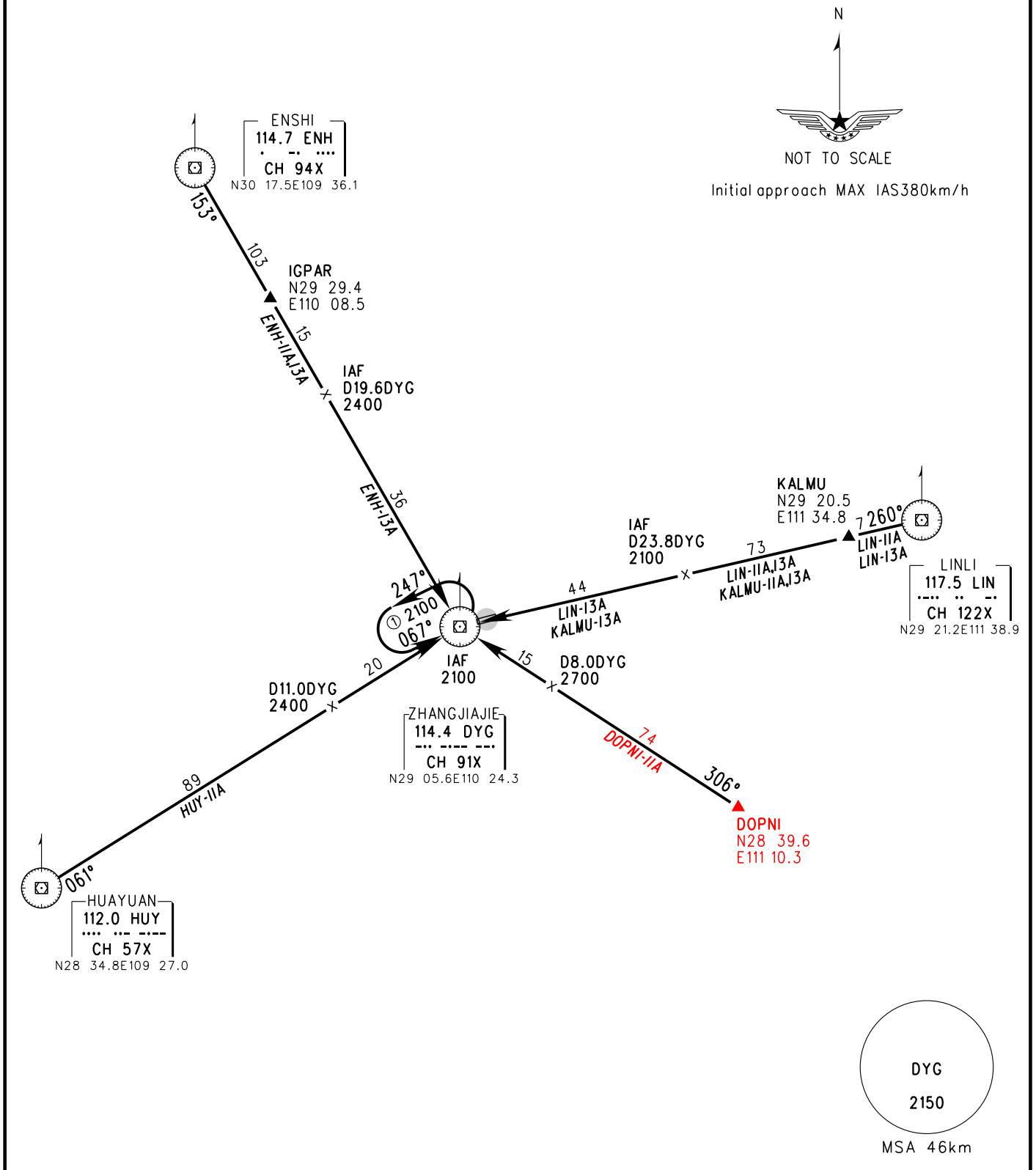
VAR3° W

ATIS 126.875
TWR 118.45

ZGDY ZHANGJIAJIE/Hehua
RWY26

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

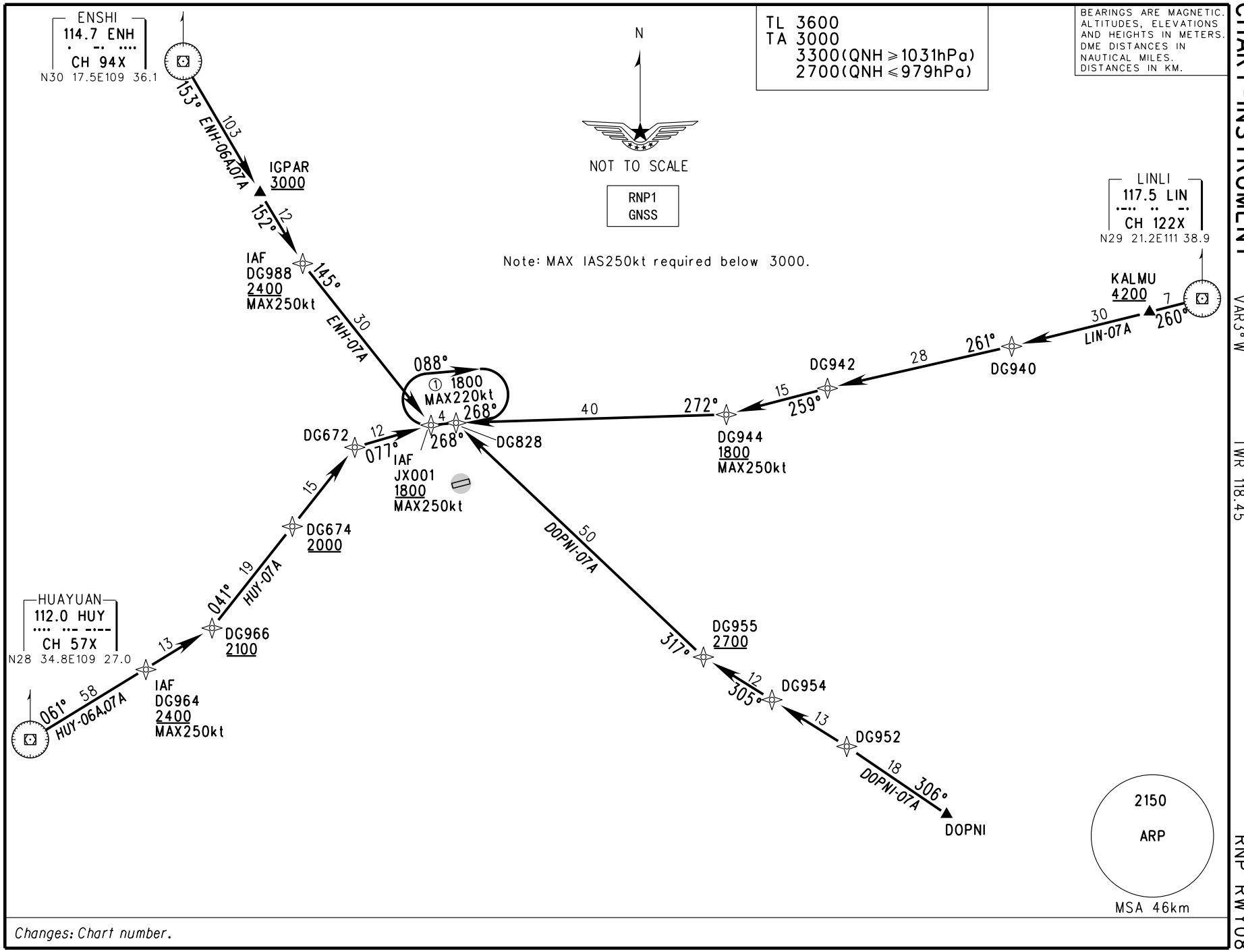
TL 3600
TA 3000
3300(QNH≥1031hPa)
2700(QNH≤979hPa)



Changes: DOPNI-IIA

STANDARD ARRIVAL CHART-INSTRUMENT

ZGDY ZHANGJIAJIE/Hehua RNP RWY08



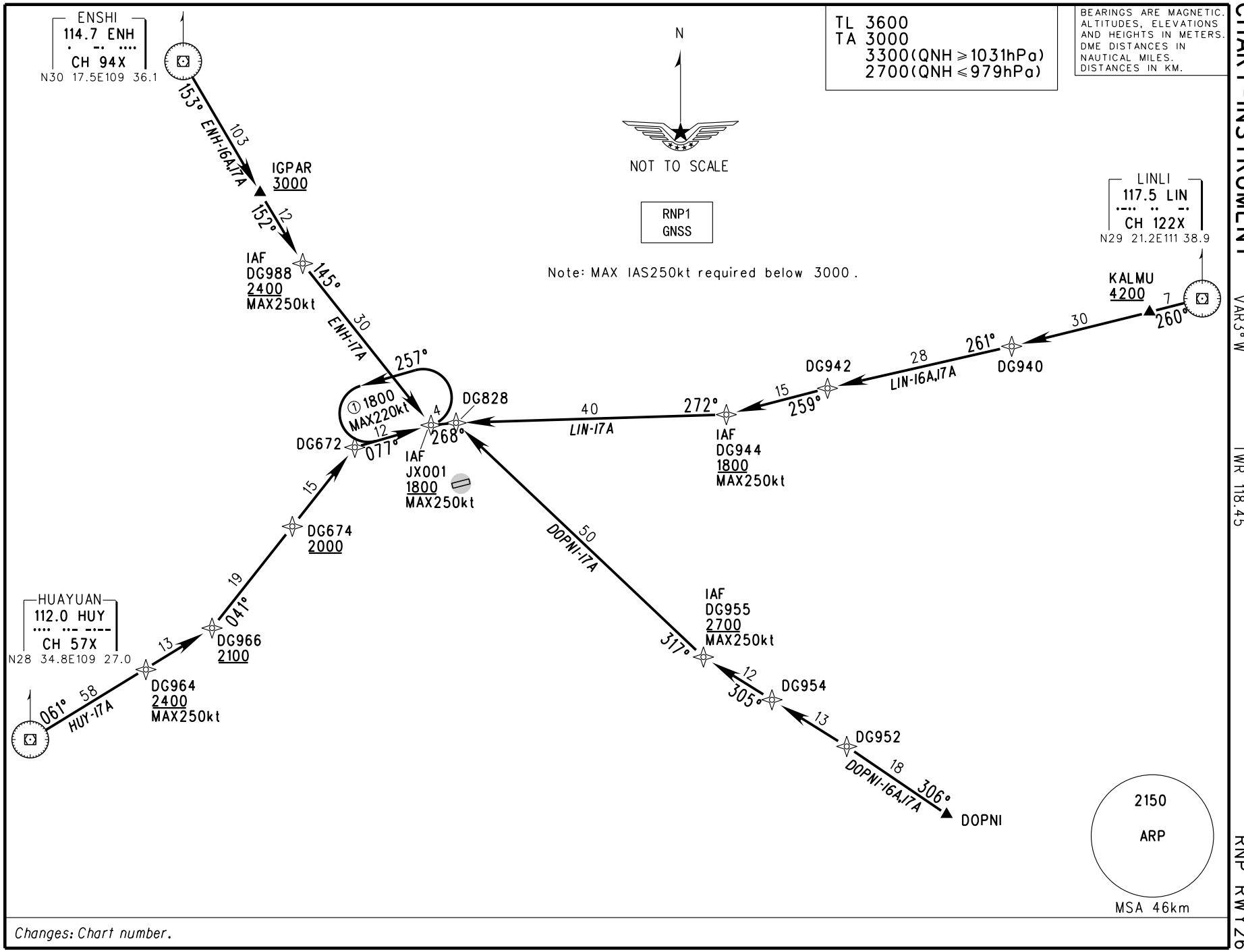
Changes: Chart number.

STANDARD ARRIVAL CHART-INSTRUMENT

ZGDY ZHANGJIAJIE/Hehua RNP RWY26

VAR3°W

ATIS 126.875
TWR 118.45



Changes: Chart number.

WAYPOINT ID	COORDINATES	WAYPOINT ID	COORDINATES	WAYPOINT ID	COORDINATES
DG451	N29° 08'35.1"E110° 37'26.4"	DG952	N28° 45'02.2"E111° 01'21.8"		
DG452	N29° 10'22.5"E110° 46'27.8"	DG953	N29° 13'59.0"E110° 45'17.6"		
DG453	N29° 01'13.4"E110° 46'28.6"	DG954	N28° 48'48.4"E110° 54'38.6"		
DG454	N28° 49'21.1"E110° 53'27.0"	DG955	N28° 52'15.2"E110° 48'28.8"		
DG455	N29° 10'19.6"E110° 23'44.8"	DG957	N29° 17'52.2"E110° 41'41.0"		
DG456	N29° 23'44.9"E110° 12'20.7"	DG959	N29° 19'03.6"E110° 35'46.5"		
DG461	N29° 03'53.6"E110° 16'25.0"	DG963	N29° 08'51.6"E110° 45'37.6"		
DG462	N29° 02'37.6"E110° 10'47.2"	DG964	N28° 51'04.4"E109° 57'14.4"		
DG463	N28° 57'24.3"E110° 39'08.1"	DG965	N29° 07'04.7"E110° 50'57.7"		
		DG966	N28° 54'44.3"E110° 04'02.4"		
DG672	N29° 09'05.8"E110° 17'00.5"				
DG674	N29° 02'49.0"E110° 11'19.6"	DG984	N29° 09'40.7"E110° 42'19.7"		
		DG988	N29° 23'44.3"E110° 12'19.6"		
DG828	N29° 11'00.7"E110° 26'12.1"	DG989	N29° 10'36.6"E110° 46'32.3"		
DG900	N29° 07'51.8"E110° 34'09.9"	DG992	N29° 05'32.0"E110° 23'44.5"		
DG906	N29° 02'53.8"E110° 11'59.2"	DG994	N29° 04'04.8"E110° 10'08.8"		
DG908	N29° 03'51.1"E110° 08'17.2"	DG996	N29° 09'39.4"E110° 07'34.8"		
		DG998	N29° 13'16.5"E110° 13'03.3"		
DG910	N29° 09'36.7"E110° 07'43.0"				
DG914	N29° 01'31.2"E110° 05'59.7"	JX001	N29° 10'50.4"E110° 23'55.5"		
DG916	N28° 59'09.4"E110° 03'18.5"				
		ENH	N30° 17.5'E109° 36.1'		
DG921	N29° 09'22.2"E110° 40'56.6"	HUY	N28° 34.8'E109° 27.0'		
DG923	N29° 14'21.8"E110° 44'20.3"	LIN	N29° 21.2'E111° 38.9'		
DG925	N29° 17'29.8"E110° 38'20.9"				
		DOPNI	N28° 39'33"E111° 10'19"		
DG940	N29° 16'44.7"E111° 16'41.2"	IGPAR	N29° 29'24"E110° 08'28"		
DG942	N29° 13'33.5"E110° 59'55.7"	KALMU	N29° 20'27"E111° 34'47"		
DG944	N29° 11'32.1"E110° 50'43.7"				

Changes: New chart.

Path Terminator	Waypoint ID	Fly over	Magnetic Course(°)	Turn Direction	Altitude (m)	IAS (kt)	VPA/TCH	Navigation Specification
RWY08 SID KALMU-07D								
CF	DG451	Y	079		1100			RNP1
DF	DG452			R	1800			RNP1
TF	KALMU							RNP1
RWY08 SID LIN-07D								
CF	DG451	Y	079		1100			RNP1
DF	DG452			R	1800			RNP1
TF	KALMU							RNP1
TF	LIN							RNP1
RWY08 SID DOPNI-07D								
CF	DG451	Y	079		1100			RNP1
DF	DG453			R	1800	MAX230		RNP1
TF	DG454							RNP1
TF	DOPNI							RNP1
RWY08 SID HUY-07D								
CF	DG451	Y	079		1100			RNP1
CF	DG455		248	L	2400	MAX230		RNP1
TF	DG966							RNP1
TF	HUY							RNP1
RWY08 SID ENH-07D								
CF	DG451	Y	079		1100			RNP1
CF	DG455		248	L	2400	MAX230		RNP1
TF	DG456							RNP1
TF	IGPAR							RNP1
TF	ENH							RNP1
RWY26 SID KALMU-17D								
CF	DG461	Y	259		1000			RNP1
CF	DG455		094	R	2400	MAX230		RNP1
TF	DG452							RNP1
TF	KALMU							RNP1
RWY26 SID LIN-17D								
CF	DG461	Y	259		1000			RNP1
CF	DG455		094	R	2400	MAX230		RNP1
TF	DG452							RNP1
TF	KALMU							RNP1
TF	LIN							RNP1
RWY26 SID DOPNI-17D								
CF	DG461	Y	259		1000			RNP1
CF	DG455		094	R	2400	MAX230		RNP1

Changes: New chart.

Path Terminator	Waypoint ID	Fly over	Magnetic Course(°)	Turn Direction	Altitude (m)	IAS (kt)	VPA/TCH	Navigation Specification
TF	DG463							RNP1
TF	DOPNI							RNP1
RWY26 SID HUY-17D								
CF	DG462	Y	259		1500			RNP1
DF	DG964			L	3000			RNP1
TF	HUY							RNP1
RWY26 SID ENH-17D								
CF	DG461	Y	259		1000			RNP1
DF	DG456			R	3000			RNP1
TF	IGPAR							RNP1
TF	ENH							RNP1
RWY08 STAR LIN-07A								
IF	LIN							RNP1
TF	KALMU				4200			RNP1
TF	DG940							RNP1
TF	DG942							RNP1
TF	DG944				1800	MAX250		RNP1
TF	DG828							RNP1
TF	JX001				1800	MAX250		RNP1
RWY08 STAR DOPNI-07A								
IF	DOPNI							RNP1
TF	DG952							RNP1
TF	DG954							RNP1
TF	DG955				2700			RNP1
TF	DG828							RNP1
TF	JX001				1800	MAX250		RNP1
RWY08 STAR HUY-06A								
IF	HUY							RNP1
TF	DG964				2400	MAX250		RNP1
RWY08 STAR HUY-07A								
IF	HUY							RNP1
TF	DG964				2400			RNP1
TF	DG966				2100			RNP1
TF	DG674				2000			RNP1
TF	DG672							RNP1
TF	JX001				1800	MAX250		RNP1
RWY08 STAR ENH-06A								
IF	ENH							RNP1
TF	IGPAR				3000			RNP1

Changes: New chart.

Path Terminator	Waypoint ID	Fly over	Magnetic Course(°)	Turn Direction	Altitude (m)	IAS (kt)	VPA/TCH	Navigation Specification
TF	DG988				2400	MAX250		RNP1
RWY08 STAR ENH-07A								
IF	ENH							RNP1
TF	IGPAR				3000			RNP1
TF	DG988				2400			RNP1
TF	JX001				1800	MAX250		RNP1
RWY08 Holding(Outbound Time:1min)								
HM	JX001	Y	268	R	1800	MAX220		RNP1
RWY26 STAR LIN-16A								
IF	LIN							RNP1
TF	KALMU				4200			RNP1
TF	DG940							RNP1
TF	DG942							RNP1
TF	DG944				1800	MAX250		RNP1
RWY26 STAR LIN-17A								
IF	LIN							RNP1
TF	KALMU				4200			RNP1
TF	DG940							RNP1
TF	DG942							RNP1
TF	DG944				1800			RNP1
TF	DG828							RNP1
TF	JX001				1800	MAX250		RNP1
RWY26 STAR DOPNI-16A								
IF	DOPNI							RNP1
TF	DG952							RNP1
TF	DG954							RNP1
TF	DG955				2700	MAX250		RNP1
RWY26 STAR DOPNI-17A								
IF	DOPNI							RNP1
TF	DG952							RNP1
TF	DG954							RNP1
TF	DG955				2700			RNP1
TF	DG828							RNP1
TF	JX001				1800	MAX250		RNP1
RWY26 STAR HUY-17A								
IF	HUY							RNP1
TF	DG964				2400	MAX250		RNP1
TF	DG966				2100			RNP1
TF	DG674				2000			RNP1

Changes: New chart.

Path Terminator	Waypoint ID	Fly over	Magnetic Course(°)	Turn Direction	Altitude (m)	IAS (kt)	VPA/TCH	Navigation Specification
TF	DG672							RNP1
TF	JX001				1800	MAX250		RNP1
RWY26 STAR ENH-16A								
IF	ENH							RNP1
TF	IGPAR				3000			RNP1
TF	DG988				2400	MAX250		RNP1
RWY26 STAR ENH-17A								
IF	ENH							RNP1
TF	IGPAR				3000			RNP1
TF	DG988				2400			RNP1
TF	JX001				1800	MAX250		RNP1
RWY26 Holding(Outbound Time:1min)								
HM	JX001	Y	077	L	1800	MAX220		RNP1
RWY08 Approach Transition JX001								
IF	JX001				1800	MAX250		RNP1
TF	DG910				1750			RNP1
TF	DG908				1600			RNP1
TF	DG906				1200	MAX220		RNP1
RWY08 Approach Transition DG964								
IF	DG964				2400	MAX250		RNP1
TF	DG916				1500			RNP1
TF	DG914							RNP1
TF	DG906				1200	MAX220		RNP1
RWY08 Approach Transition DG988								
IF	DG988				2400	MAX250		RNP1
TF	DG910				1750			RNP1
TF	DG908				1600			RNP1
TF	DG906				1200	MAX220		RNP1
RWY08 Missed Approach RNP ILS/DME								
CF	DG900		079					RNP1
TF	DG921							RNP1
TF	DG923							RNP1
TF	DG925					MAX220		RNP1
TF	JX001				1800			RNP1
RWY26 Approach Transition JX001								
IF	JX001				1800	MAX250		RNP1
TF	DG957				1500			RNP1
TF	DG953				1250	MAX220		RNP1
TF	DG984				1200	MAX185		RNP1

Changes: New chart.

Path Terminator	Waypoint ID	Fly over	Magnetic Course(°)	Turn Direction	Altitude (m)	IAS (kt)	VPA/TCH	Navigation Specification
RWY26 Approach Transition DG944								
IF	DG944				1800	MAX250		RNP1
TF	DG989				1500			RNP1
TF	DG984				1200	MAX185		RNP1
RWY26 Approach Transition DG955								
IF	DG955				2700	MAX250		RNP1
TF	DG965					MAX220		RNP1
TF	DG963				1450			RNP1
TF	DG984				1200	MAX185		RNP1
RWY26 Approach Transition DG988								
IF	DG988				2400	MAX250		RNP1
TF	DG959				1700			RNP1
TF	DG957				1500			RNP1
TF	DG953				1250	MAX220		RNP1
TF	DG984				1200	MAX185		RNP1
RWY26 Missed Approach RNP ILS/DME								
CF	DG992		259			MAX185		RNP1
TF	DG994							RNP1
TF	DG996							RNP1
TF	DG998					MAX220		RNP1
TF	JX001				1800			RNP1

Changes: New chart.