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常德/桃花源

常德/桃花源机场自 201911071600 起至 202002081600 (UTC)临时对外开放使用，有关机场、飞行程序等资料共 23 页附后。

校核单：

ZGCD AD2-1/2
ZGCD AD2-3/4
ZGCD AD2-5/6
ZGCD AD2-7/8
ZGCD AD2-9/10
ZGCD AD2-11
ZGCD AD2.24-1/2
ZGCD AD2.24-4
ZGCD AD2.24-7A/7B
ZGCD AD2.24-7C/7D
ZGCD AD2.24-9A/9B
ZGCD AD2.24-10A
ZGCD AD2.24-10B/10C

CHANGDE/Taohuayuan

CHANGDE/Taohuayuan airport will open to foreign flights from 201911071600 to 202002081600 (UTC). A total of 23 pages about relevant information with regard to the airport and flight procedures are attached herewith.

Checklist:

ZGCD AD2-1/2
ZGCD AD2-3/4
ZGCD AD2-5/6
ZGCD AD2-7/8
ZGCD AD2-9/10
ZGCD AD2-11
ZGCD AD2.24-1/2
ZGCD AD2.24-4
ZGCD AD2.24-7A/7B
ZGCD AD2.24-7C/7D
ZGCD AD2.24-9A/9B
ZGCD AD2.24-10A
ZGCD AD2.24-10B/10C

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

ZGCD—常德/桃花源 CHANGDE/Taohuayuan

ZGCD 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	N28°55.2' E111°38.3'(Center of RWY)
2	方向、距离 Direction and distance from city	203°GEO, 14km from city center
3	标高/参考气温 Elevation/Reference temperature	45.5m / 37.2°C(JUL)
4	机场标高位置/高程异常 AD ELEV PSN/ geoid undulation	THR02/-
5	磁差/年变率 MAG VAR/Annual change	2°30′W/-
6	机场管理部门、地址、电话、传真、AFS、电子邮箱、网址 AD administration, address, telephone, telefax, AFS, E-mail, website	Hunan Airport Co.Ltd, Changde Taohuayuan Airport branch Company Changde Taohuayuan Airport, Changde 415134, Hunan province, China TEL: 86-736-2922999 FAX: 86-736-7938205 AFS: ZGCDZPZX Website: http://cda.hnjcjt.com/
7	允许飞行种类 Types of traffic permitted(IFR/VFR)	IFR/VFR
8	机场性质/飞行区指标 Military or civil airport & Reference code	Civil/4C
9	备注 Remarks	

ZGCD AD 2.3 工作时间 Operational hours

1	机场当局(机场开放时间) AD Administration (AD operational hours)	H24
2	海关和移民 Customs and immigration	HO
3	卫生健康部门 Health and sanitation	HO
4	航行情报服务讲解室 AIS Briefing Office	HO
5	空中交通服务报告室 ATS Reporting Office (ARO)	HO
6	气象讲解室 MET Briefing Office	HO
7	空中交通服务 ATS	HO
8	加油 Fuelling	HO
9	地勤服务 Handling	HO
10	保安 Security	HO
11	除冰 De-icing	HO
12	备注 Remarks	Nil

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

1	货物装卸设施 Cargo-handling facilities	Platform trailer (1000kg and below), baggage transporter
2	燃油/滑油牌号 Fuel/oil types	Nr.3 jet fuel, RH-95/130
3	加油设施/能力 Fuelling facilities/capacity	Airport can provide pressure and gravity refueling, refueling truck(18000 and 20000 liters); 14 liters/ sec
4	除冰设施 De-icing facilities	1 de-icer, deicing fluid:KHF-I
5	过站航空器机库 Hangar space for visiting aircraft	Nil
6	过站航空器的维修设施 Repair facilities for visiting aircraft	Line maintenance available for: A319/320/321, B737-300/400/500/600 /700/800, MB145.etc
7	备注 Remarks	Ground power unit, ground air supply unit, cleaning water supply vehicle, sewage vehicle, stepladders vehicle

ZGCD AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	In the city
2	餐馆 Restaurants	In the city
3	交通工具 Transportation	Taxis, buses
4	医疗设施 Medical facilities	First-aid center 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

ZGCD 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 6
2	援救设备 Rescue equipment	Fire fighting facilities: primary foam tender, heavy-duty foam vehicle, illumination truck, fire-fighting command car Rescue equipments: platform tractor
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	Towing tractor available for aircraft type: A320/B737 and below
4	备注 Remarks	Nil

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

1	扫雪设备类型 Types of clearing equipment	All seasons snow blowers, ice scraper
2	扫雪顺序 Clearance priorities	RWY, TWY, APN
3	备注 Remarks	Nil

ZGCD AD 2.8 停机坪、滑行道及校正位置数据 Aprons, taxiways and check locations data

1	停机坪道面和强度 Apron surface and strength	Surface: Strength:	Cement concrete PCN 65/R/B/W/T (South apron) PCN 53/R/B/W/T (North apron)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width: Surface: Strength:	28.5m: F (east of A) 23m: A, F (west of A), G, H 22.5m: T1 Cement concrete PCN 53/R/B/W/T (H) PCN 65/R/B/W/T (A, F, G, T1, T2)
3	高度表校正点的位置及其标高 ACL location and elevation	Nil	
4	VOR/INS 校正点 VOR/INS checkpoints	Nil	
5	备注 Remarks	Nil	

ZGCD 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	航空器停放位置识别符号、滑行道引导线、航空器目视停靠/停放位置引导系统的使用 Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Taxiing guidance lines and markings at TWYs and aprons; Marshaller guidance at stands; Marking line at all stands.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	THR, RWY designation, aiming point, TDZ, center circle, center line, edge line, runway turn pad
		RWY lights	Center line, edge line, THR, RWY end, THR wing bar
		TWY markings	RWY holding position, center line, edge line
		TWY lights	Edge line, center line(TWY A), RWY guard lights
3	停止排灯 Stop bars	Nil	

4	备注 Remarks	Blue apron edge light

ZGCD AD 2.10 机场障碍物 Aerodrome obstacles

序号 Serial Nr.	障碍物类型 (*代表有灯光) Obstacle type(*Lighted)	磁方位 BRG (MAG)(degree)	距离 DIST(m)	海拔高度 Elevation （m）	影响的飞行程序及起飞航径区 Flight procedure/take-off flight path area affected
Obstacles within a circle with a radius of 15km centered on RWY center					
1	Iron TWR	012	6400	123.5	RWY02 take-off flight path; RWY02 departure; RWY20 final approach
2	Antenna	021	12000	182.8	RWY20 initial, intermediate approach
3	MT	043	7600	96	
4	Chimney	054	4300	108.5	Circling CAT B
5	*Chimney	080	9688	276	Circling CAT D
6	MT	127	6930	111.2	
7	MT	149	9280	123.7	
8	MT	179	12000	106.5	
9	MT	186	3660	74	
10	MT	189	10710	97.4	RWY02 GP INOP，NDB/DME final approach
11	Antenna	195	2350	65.5	RWY20 Take-off flight path
12	MT	197	10670	96.4	
13	MT	202	4200	78.8	Circling CAT A
14	MT	204	10700	102.7	
15	MT	227	14330	164.9	
16	*Chimney	265	356	62.5	
17	Chimney	270	4500	87.5	
18	MT	289	8950	142.4	
19	*Control TWR	330	450	69.5	RWY02 ILS/DME, missed approach; RWY20 NDB/DME final approach
20	BLDG	337	3420	87.5	
21	*Antenna	357	13730	166.5	
22	Iron TWR	358	6600	127.5	Circling CAT C
Obstacles between two circles with the radius of 15km and 50km centered RWY center					
1	MT	011	21810	172	
2	MT	015	29140	563	
3	MT	148	43000	353	
4	MT	161	29200	325	

5	MT	183	20860	250	RWY02 ILS/DME, NDB/DME intermediate approach
6	MT	192	27650	303	RWY02 initial approach base turn
7	MT	193	25900	263	
8	MT	196	34000	561	
9	MT	215	48230	1028	sector
10	MT	219	43530	710	
11	MT	232	22000	216	
12	MT	251	40000	382	
13	MT	300	29510	172	
14	MT	350	47980	604	sector
Remark:					

ZGCD AD 2.11 提供的气象信息 Meteorological information provided

1	相关气象室的名称 Associated MET Office	Changde Taohuayuan Airport MET Station
2	气象服务时间、服务时间以外的责任气象室 Hours of service, MET Office outside hours	HO --
3	负责编发 TAF 的办公室;有效期 Office responsible for TAF preparation, Periods of validity	Changde Taohuayuan Airport MET Station 9 HR, 3HR
4	着陆预报类型、发布间隔 Type of landing forecast, Interval of issuance	Trend 1 HR
5	所提供的讲解/咨询服务 Briefing/consultation provided	P, T
6	飞行文件及其使用语言 Flight documentation, Languages used	Chart, Abbreviated Plain Language Text Ch, En
7	讲解/咨询服务时可利用的图表和其它信息 Charts and other information available for briefing or consultation	Synoptic charts, significant weather charts, upper W/T charts, satellite and radar material, AWOS real-time data
8	提供信息的辅助设备 Supplementary equipment available for providing information	FAX, MET Service Terminal
9	提供气象信息的空中交通服务单位 ATS units provided with information	TWR
10	观测类型与频率/自动观测设备 Type & frequency of observation/ Automatic observation equipment	Hourly plus special observation/ Yes
11	气象报告类型及所包含的补充资料 Type of MET Report & supplementary information included	METAR, SPECI
12	观测系统及位置 Observation System& Site(s)	RVR EQPT: A: 120m W of RCL, 385m inward THR02; B: 120m W of RCL, 325m inward THR20; C: 120m W of RCL, 1300m inward THR02. SFC wind sensors: RWY02: 330m W of RCL, 1600m inward THR20; RWY02: 120m W of RCL, 375m inward THR20; RWY 20: 120m W of RCL, 310m inward THR20; RWY 20: 120m W of RCL, 1300m inward THR20.
13	气象观测系统的工作时间 Hours of operation for Meteorological Observations system	HO

14	气候资料 Climatological information	Climatological tables AVBL
15	其他信息 Additional information	

ZGCD AD 2.12 跑道物理特征 Runway physical characteristics

跑道号码 Designations RWY NR	真方位和磁方位 TRUE & MAG BRG	跑道长宽 Dimensions of RWY (m)	跑道和停止道强度、道面 Strength (PCN) and surface of RWY and SWY	着陆入口坐标及高程异常 THR coordinates	跑道着陆入口标高，精密进近跑道接地地带最高标高 THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
02	012° GEO 015° MAG	2600×45	53/R/B/W/T Concrete	Nil	THR 45.5 m TDZ 45.5 m
20	192° GEO 195° MAG	2600×45	53/R/B/W/T Concrete	Nil	THR 36.4 m --

跑道-停止道坡度 Slope of RWY-SWY	停止道长宽 SWY dimensions (m)	净空道长宽 CWY dimensions (m)	升降带长宽 Strip dimensions (m)	无障碍物地带 OFZ	跑道端安全区 RWY end safety area (m)
7	8	9	10	11	12
See AOC	Nil	300×160	2840×300	Nil	180×150
See AOC	Nil	300×160	2840×300	Nil	78×1500

Remarks:
RWY shoulder: 7.5m on each side of RWY;
RWY grooved: width 0.5cm; Forced landing area: east of RWY, 2700×100m, grass; turn pad on each end of RWY.

ZGCD AD 2.13 公布距离 Declared distances

跑道代号 RWY Designator	可用起飞滑跑距离 TORA (m)	可用起飞距离 TODA (m)	可用加速停止距离 ASDA (m)	可用着陆距离 LDA (m)	备注 Remarks
1	2	3	4	5	6
02	2600	2900	2600	2600	Nil
20	2600	2900	2600	2600	Nil

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

跑道代号 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，精密进近航道指示器 VASIS (MEHT) PAPI	接地地带灯长度 TDZ LGT LEN	跑道中心线灯长度、间隔、颜色、强度 RWY Center line LGT LEN, spacing, colour, INTST	跑道边灯长度、间隔、颜色、强度 RWY edge LGT LEN, spacing, colour, INTST	跑道末端灯颜色 RWY end LGT colour	停止道灯长度、颜色 SWY LGT LEN, colour
1	2	3	4	5	6	7	8	9
02	PALS CAT I* 900m LIH	Green Yes	PAPI Left/3° (16m)	Nil	2600m** spacing 30m	2600m*** spacing 60m	Red	Nil
20	SALS 210m LIM	Green Yes	PAPI Left/2.97°	Nil	2600m** spacing 30m	2600m*** spacing 60m	Red	Nil
Remarks: * SFL (300-900m outward THR02, length:600m) ** up to 1700m White LIH, 1700-2300m Red/White LIH, 2300-2600m Red LIH *** up to 2000m White LIH, 2000-2600m Yellow LIH								

ZGCD AD 2.15 其它灯光,备份电源 Other lighting, secondary power supply

1	机场灯标/识别灯标位置、特性和工作时间 ABN/IBN location, characteristics and hours of operation	Nil
2	着陆方向指示器位置和灯光;风速表位置和灯光 LDI location and LGT, Anemometer location and LGT	WDI: RWY02: 120m W of RCL, 330m inward THR02
3	滑行道边灯和中心线灯光 TWY edge and center line lighting	All TWY: blue edge light, TWY A : green centerline light
4	备份电源/转换时间 Secondary power supply/switch-over time	Secondary power supply available, diesel motor /15 sec
5	备注 Remarks	Nil

ZGCD AD 2.16 直升机着陆区域 Helicopter landing area

1	TLOF 坐标或 FATO 入口坐标及高程异常 Coordinates TLOF or THR of FATO Geoid undulation	Nil
2	TLOF 和/或 FATO 标高 (m) TLOF and/or FATO elevation (m)	Nil
3	TLOF 和 FATO 区域范围、道面、强度和标志 TLOF and FATO area dimensions,surface, strength, marking	Nil
4	FATO 的真方位和磁方位 True and MAG BRG of FATO	Nil

5	公布距离 Declared distance available	Nil
6	进近灯光和 FATO 灯光 APP and FATO lighting	Nil
7	备注 Remarks	Nil

ZGCD AD 2.17 空中交通服务空域 ATS airspace

名称 Designation	横向界限 Lateral limits	垂直界限 Vertical limits	备注 Remarks
Tower control area	A circle, radius 55km centered at NDB(CD)	QNE 3600m and below	
Altimeter setting region and TL/TA	A circle, radius 55km centered at NDB(CD)	TL 3600m TA 3000m 2700 (QNH≤979hPa) 3300 (QNH≥1031hPa)	

ZGCD AD 2.18 空中交通服务通信设施 ATS communication facilities

服务名称 Service Designation	呼号 Call sign	频率 Frequency (MHZ)	工作时间 Hours of operation	备注 Remarks
1	2	3	4	5
ATIS		126.25	HO	Nil
TWR	Changde Tower	118.85	H24	Nil
EMG		121.5	H24	Nil

ZGCD AD 2.19 无线电导航和着陆设施 Radio navigation and landing aids

设施名称和类型 Name and type of aid	识别 ID	频率 Frequency	发射天线位置、坐标 Antenna site coordinates	DME 发射天线标高 Elevation of DME transmitting antenna	备注 Remarks
1	2	3	5	6	7
LOM 02	CD	225kHz	N2850.9 E11137.3		Range: 200km

			195°MAG/6795m FM THR02		
LMM 02	C	435kHz	N2854.0 E11138.0 195°MAG/1050m FM THR02		Range: 100km
LOC 02 ILS CAT I	ICD	108.5MHz	015° MAG/ 250m FM RWY02 end		
GP 02		329.9MHz	120m W of RCL, 353m inward THR02		Angle 3°, RDH 16m
DME 02	ICD	CH22X (108.5MHz)		50m	Co-located with GP 02
OM 20		75MHz	015°MAG/4893m FM THR20		
LMM 20	F	299kHz	N2856.3 E11138.8 015°MAG/890m FM THR20		Range: 100km

ZGCD AD 2.20 本场飞行规定

1. 机场使用规定

1.1 本机场可满足 B737 各系列、A320 等同型飞机全载起降。

1.2 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。

2. 跑道和滑行道的使用

可以提供引导车和拖车服务。

3. 机坪和机位的使用

3.1 离场飞行的航空器，在开车前必须联系机场塔台申请放行许可，空中交通管制放行许可的申请不早于发动机开车前 10min。

3.2 航空器依靠引导车引导时，应按照引导路线滑行，所有进出停机坪的航空器必须按机务人员指挥滑进滑出

3.3 飞机滑行时应按规定滑行速度滑行，注意观察障碍物，夜间滑行应打开滑行灯。

ZGCD AD 2.20 Local traffic regulations

1. AD operation regulations

1.1 Maximum aircraft to be available: B737, A320 and equivalent.

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

2. Use of runways and taxiways

Follow-me vehicle and towing services are available.

3. Use of aprons and parking stands

3.1 Departure aircraft shall contact TWR control for delivery Clearance not earlier than 10 minutes prior to engine start-up.

3.2 Aircraft shall taxi along the guidance route when follow the follow-me vehicle. All aircraft shall follow the guidance of marshallers when taxi in/out the apron.

3.3 Aircraft shall taxi with speed limitation, observe obstacle with caution and turn on light at night taxiing.

3.4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	滑入、滑出方式/ Enter and Exit
1-5, 9	35.7m	Taxi in and push back
10-13		Taxi in and taxi out

6-8	47.57m	Taxi in and push back

Parking stands Nr.1-5 and Nr.9-13 avaliable for aircraft type A319/320, B737-600/700/800/900.

Parking stands Nr.6-8 avaliable for aircraft type A319/320/321, B757-200, B737-600/700/800/900, B767-200/300.

4. 机场的 II/III 类运行

无

5. 警告

跑道北端 5.6km 处有一条高压线横穿跑道中心延长线，起飞和进近飞机应严格按照仪表飞行程序飞行。

6. 直升机飞行限制，直升机停靠区

无

ZGCD AD 2.21 减噪程序

无

ZGCD AD 2.22 飞行程序

1. 总则

在塔台管制区域内，除经塔台管制员许可，必须按照仪表规则飞行。

2. 起落航线

起落航线限在跑道西侧进行，航线高度 400-600m。

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 等待程序见标准仪表进场图。

3.3 在正常情况下，所有进、离场航空器按空中交通管制员指令的程序进场或离场。

4. 雷达程序

4. CAT II/III operations at AD

Nil

5. Warning

A high-voltage power line is located 5.6km north of THR20, across the runway centerline extendence. Pilot shall follow instrument flight procedure strictly during take-off and landing.

6. Helicopter operation restrictions and helicopter parking/ docking area

Nil

ZGCD AD 2.21 Noise abatement procedures

Nil

ZGCD 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

2.1 Traffic circuits shall be made to the west of RWY, at the altitude 400-600m.

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 Holding procedure refer to STAR.

3.3 Under normal condition, all arrival/departure aircraft shall flight by ATC instruction.

4. Radar procedures

无

5. 无线电通信失效程序

无

6. 目视飞行规定

在满足目视飞行的条件下，进离场均可直接加入航线

7. 目视飞行航线

无

8. 目视参考点

见标准仪表进、离场图

9. 其它规定

无

Nil

5. Radio communication failure procedures

Nil

6. Procedures for VFR flights

Under the VFR condition, arrival/departure flight could join in the enroute directly.

7. VFR route

Nil

8. Visual reference point

Refer：SID and STAR

9. Other regulations

Nil

ZGCD AD 2.23 其它资料

1. 机场飞行区鸟类活动年高峰期在5月和7月，日高峰期在上午7点至9点和下午5点至7点。净空区大部分鸟类日常飞行高度多在200m以下。机场当局采取日常巡视、布设鸟网、安装煤气炮等驱赶措施，减少鸟群威胁

2. 日出日没表

日出/日没表中公布的时间为北京标准时间。

ZGCD AD 2.23 Other information

1. Activitie of bird flocks take place at airport. Annual peak time: May and JUL., peak hour: 0700-0900 and 1700-1900. Height : almost below 200m. Aerodrome Authority resorts to dispersal methods to reduce bird activities.

2.Sunrise/sunset tables

The time issued in sunrise/sunset tables is Beijing Standard Time.

月/日 Date	日出 Sunrise	日没 Sunset	月/日 Date	日出 Sunrise	日没 Sunset	月/日 Date	日出 Sunrise	日没 Sunset	月/日 Date	日出 Sunrise	日没 Sunset
01/01	07:27	17:47	04/01	06:24	18:51	07/01	05:38	19:36	10/01	06:26	18:20
01/10	07:28	17:54	04/10	06:14	18:56	07/10	05:42	19:35	10/10	06:31	18:09
01/20	07:27	18:02	04/20	06:03	19:02	07/20	05:47	19:32	10/20	06:37	17:59
02/01	07:22	18:12	05/01	05:53	19:09	08/01	05:54	19:25	11/01	06:45	17:48
02/10	07:16	18:19	05/10	05:46	19:14	08/10	05:59	19:18	11/10	06:52	17:42
02/20	07:08	18:27	05/20	05:40	19:21	08/20	06:05	19:09	11/20	07:00	17:37
03/01	06:59	18:33	06/01	05:35	19:27	09/01	06:11	18:56	12/01	07:09	17:35
03/10	06:49	18:39	06/10	05:34	19:31	09/10	06:16	18:45	12/10	07:16	17:36
03/20	06:38	18:45	06/20	05:35	19:35	09/20	06:21	18:33	12/20	07:22	17:40

AERODROME CHART

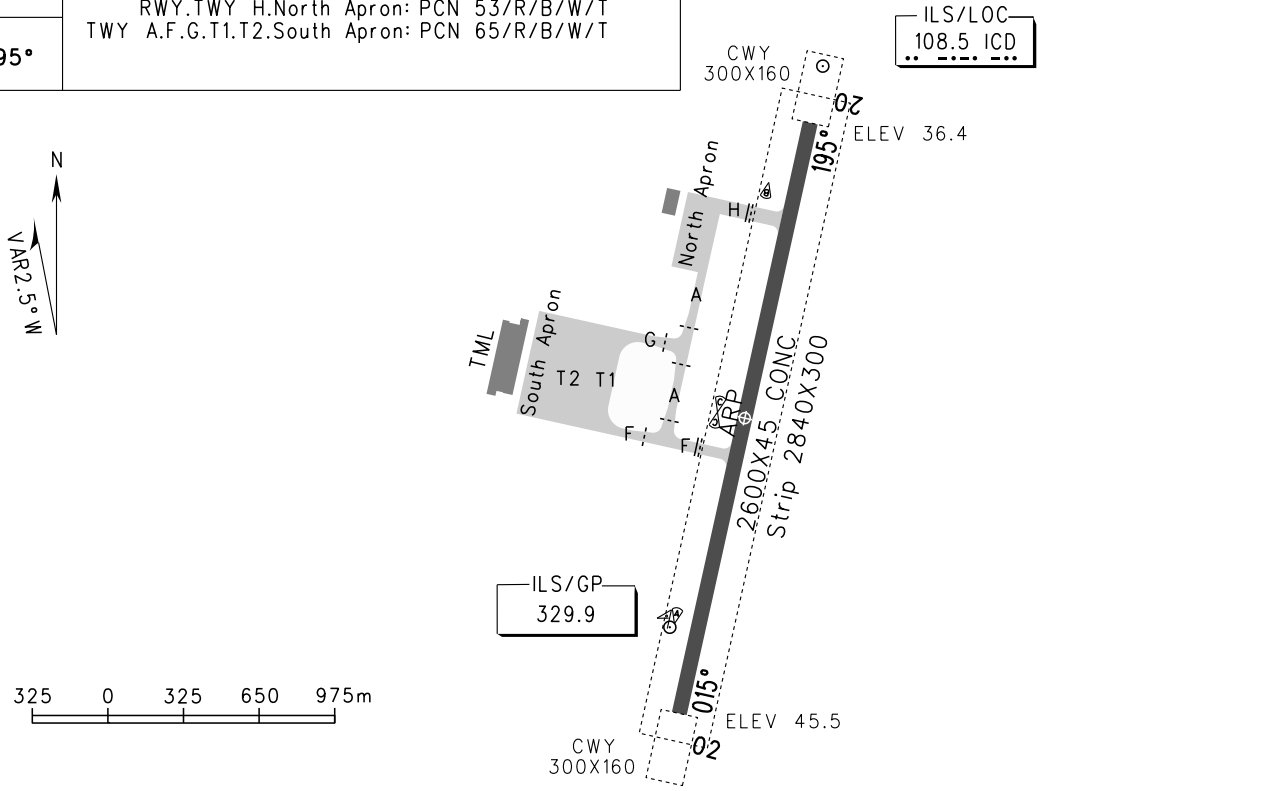
ATIS 126.25
TWR 118.85

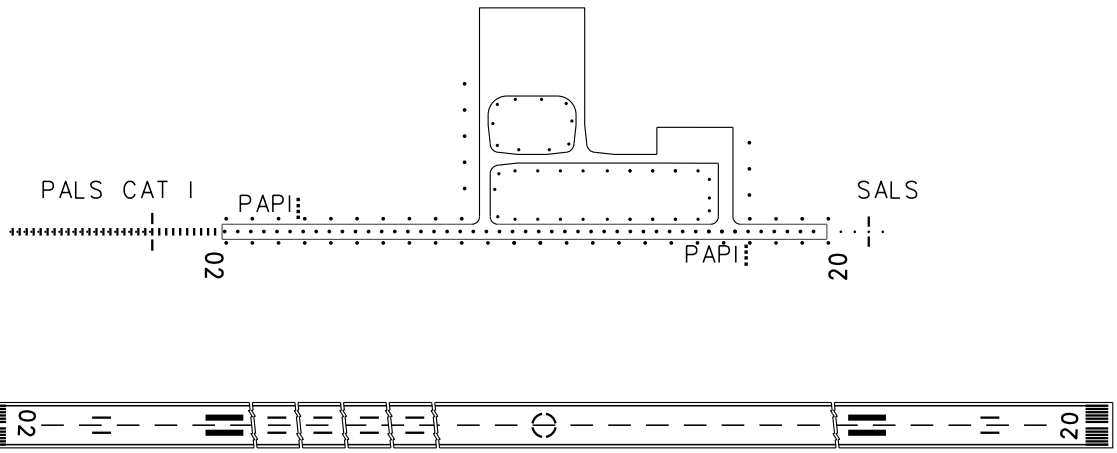
ZGCD CHANGDE/Taohuayuan

N28° 55.2'E111° 38.3' ELEV 45.5m

RWY	Direction	Bearing strength(PCN)
02	015°	RWY.TWY H.North Apron: PCN 53/R/B/W/T TWY A.F.G.T1.T2.South Apron: PCN 65/R/B/W/T
20	195°	

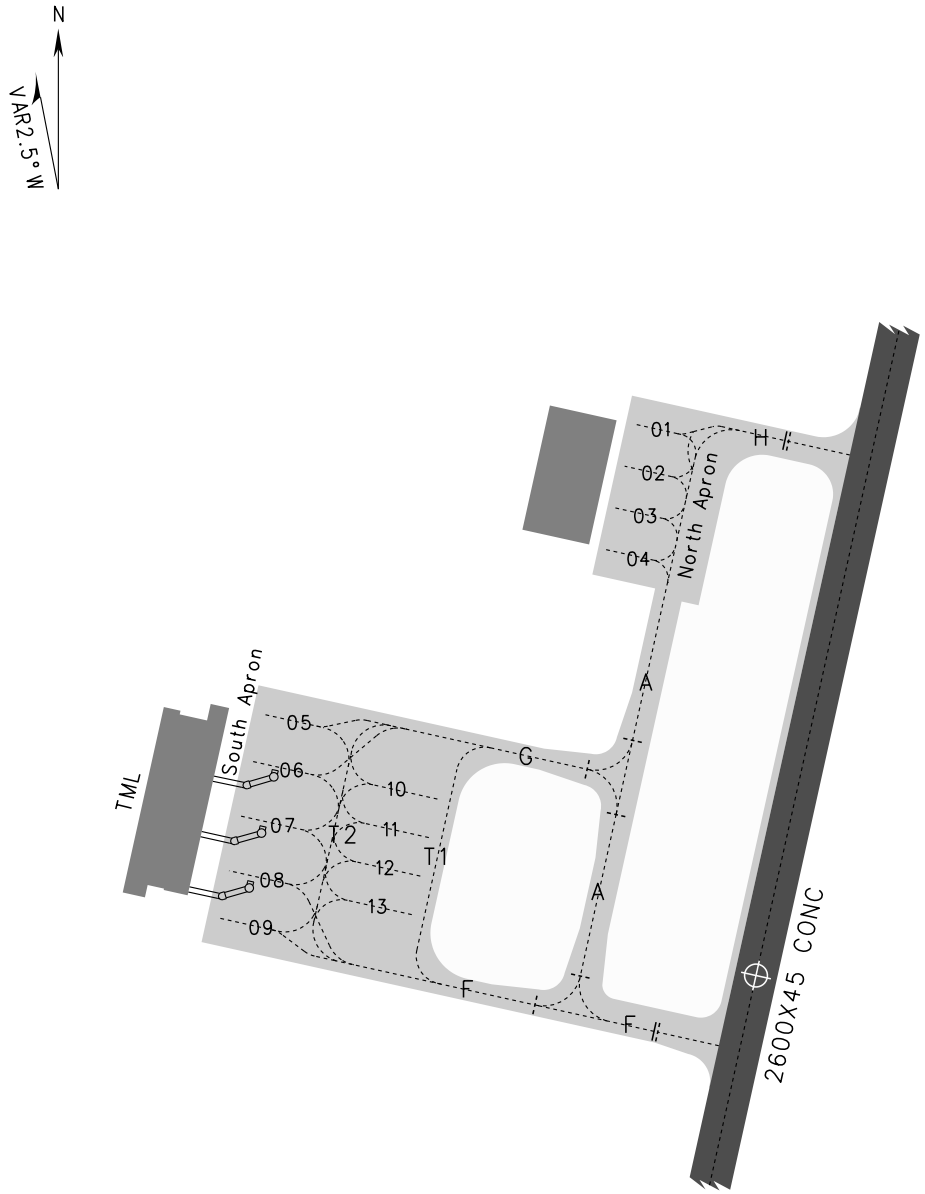
BEARINGS ARE MAGNETIC
ALTITUDES, DISTANCES,
ELEVATIONS AND HEIGHTS
IN METERS





TAKE-OFF MINIMA(WITH RELIABLE ALTN)(m)						LIGHTS	
ACFT Type		RWY02		RWY20		RWY02	RWY20
		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 PAPI SFL RCLL REDL	SALS PAPI RCLL REDL
Other 1&2 ENG		VIS1600					
Note:							
Changes:							

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



Changes:

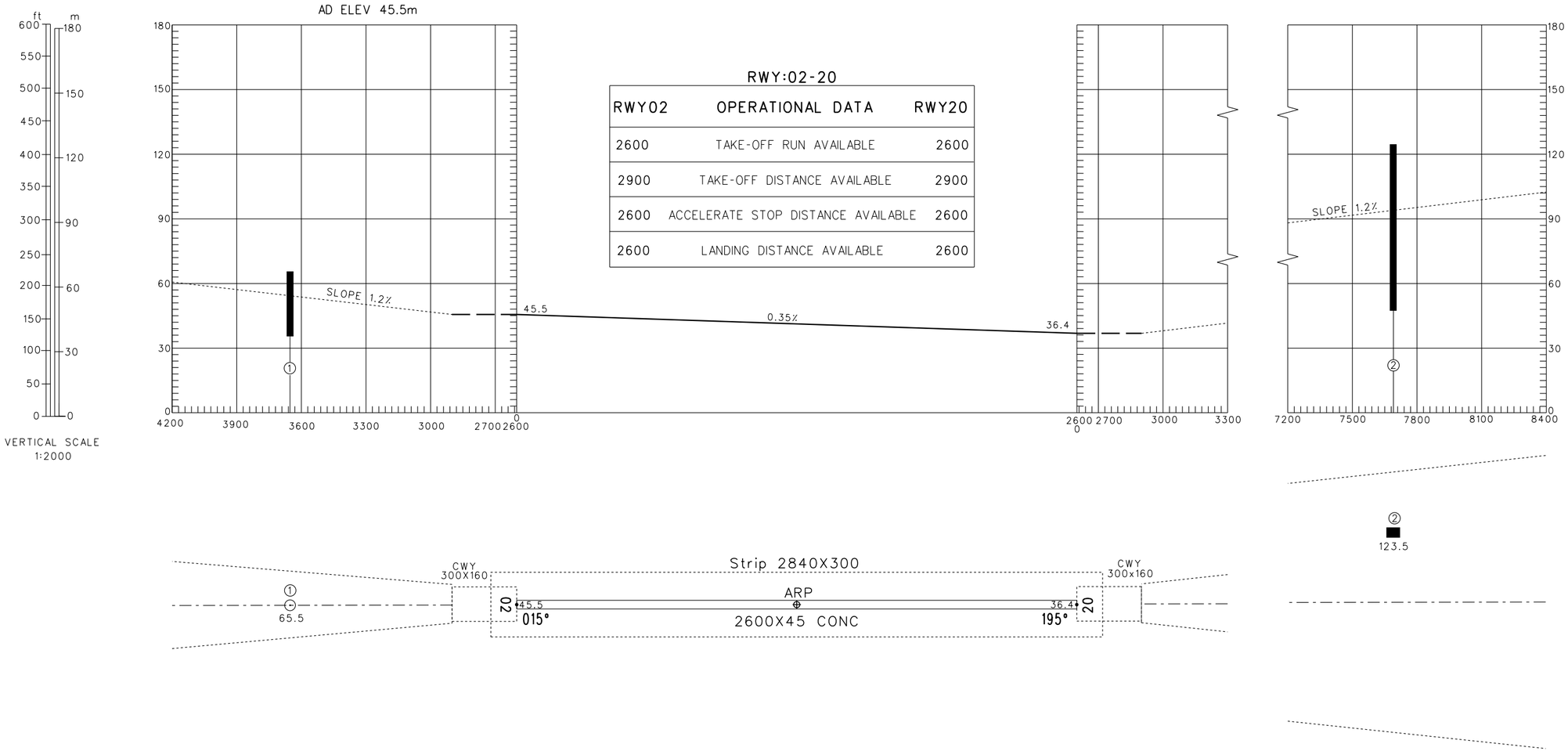
AERODROME OBSTACLE CHART-ICAO

TYPE A(OPERATING LIMITATIONS)

ZGCD CHANGDE/Taohuayuan
RWY 02/20

DIMENSIONS AND ELEVATIONS IN METERS BEARINGS ARE MAGNETIC

MAGNETIC VARIATION 2.5° W



RWY:02-20

RWY02	OPERATIONAL DATA	RWY20
2600	TAKE-OFF RUN AVAILABLE	2600
2900	TAKE-OFF DISTANCE AVAILABLE	2900
2600	ACCELERATE STOP DISTANCE AVAILABLE	2600
2600	LANDING DISTANCE AVAILABLE	2600

LEGEND	
①	IDENTIFICATION Nr
⊙	POLE
■	BUILDING

AMENDMENT RECORD		
Nr	DATE	ENTERED BY
Changes:		

STANDARD DEPARTURE CHART-INSTRUMENT

VAR2.5° W

ATIS 126.25
TWR 118.85

ZGCD Changde/Taohuayuan

RWY02

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

LINLI
117.5 LIN
CH 122X
N29 21.2E111 38.9

LIN-OID

NOMUK
N29 01.8
E110 43.5

NOMUK-OID

286°

235°

CD106°

300

015°

3.5%

LMM
299 F
N28 56.3E111 38.8

LOM
225 CD
N28 50.9E111 37.3

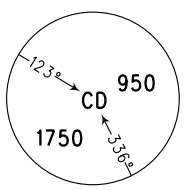
600

149°

LLC-OID(by ATC)

104

LAOLIANGCANG
116.2 LLC
CH 109X
N28 04.1E112 12.5



MSA 46km

Changes:

STANDARD DEPARTURE CHART-INSTRUMENT

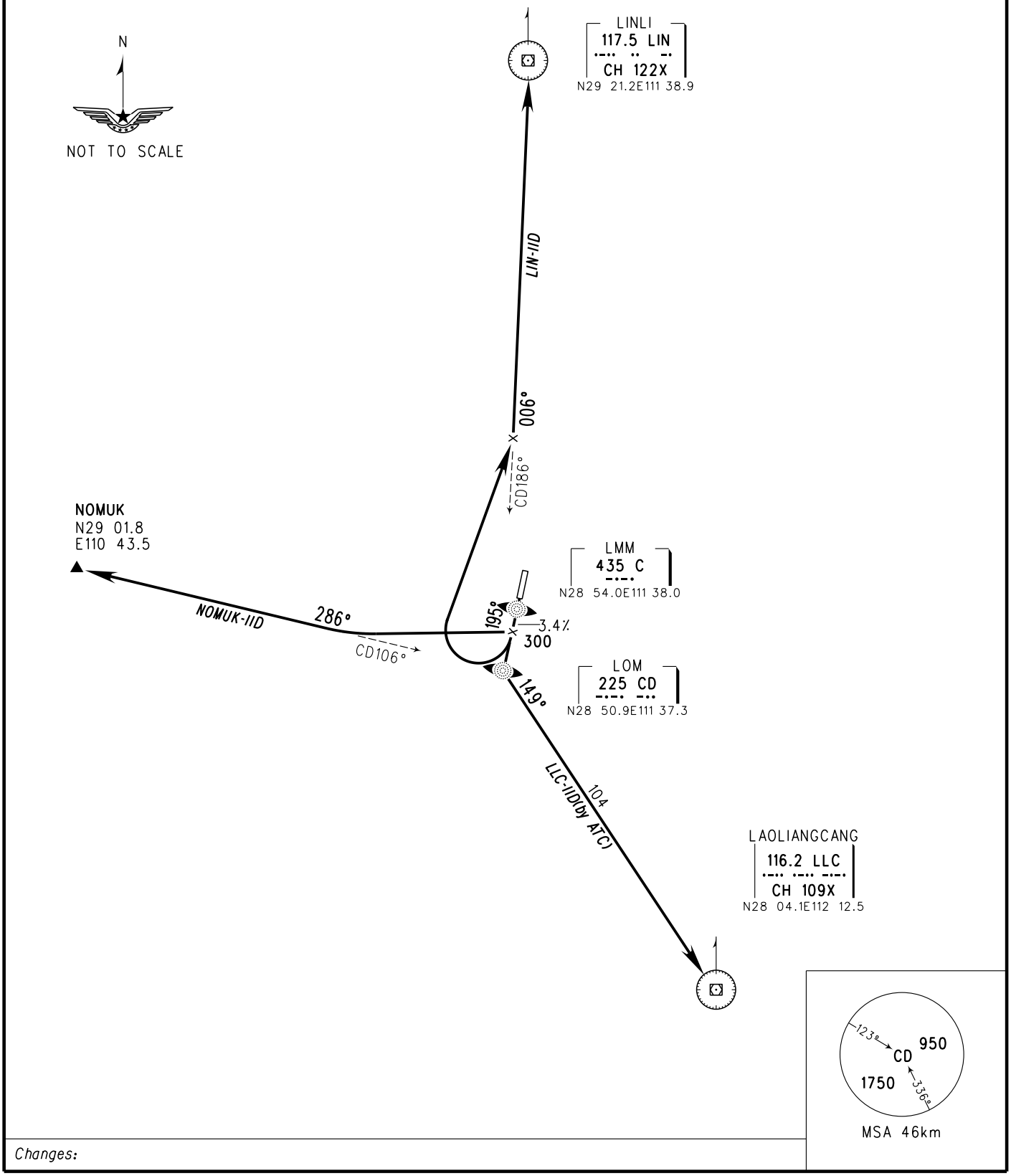
VAR2.5° W

ATIS 126.25
TWR 118.85

ZGCD Changde/Taohuayuan
RWY20

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:

STANDARD DEPARTURE CHART-INSTRUMENT

VAR2.5° W

ATIS 126.25
TWR 118.85

ZGCD Changde/Taohuayuan
RWY02

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)

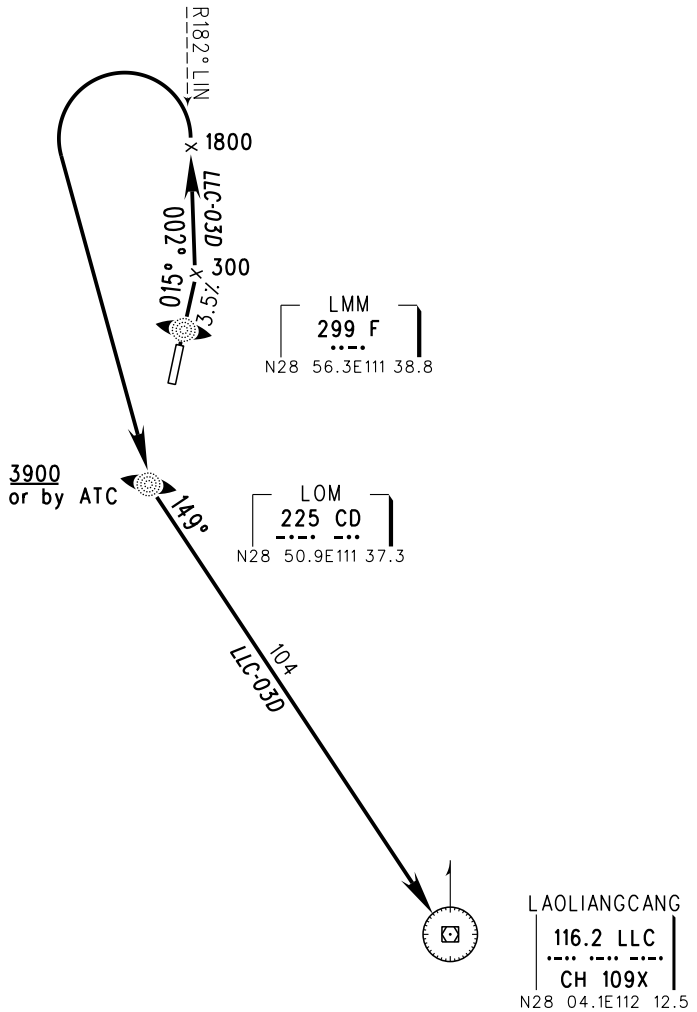
N

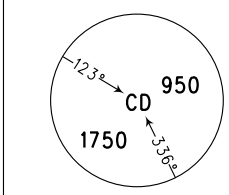
NOT TO SCALE

LINLI
117.5 LIN
CH 122X
N29 21.2E111 38.9

This chart used by ATC

Note:Climb straight to 300,intercept R182° 'LIN' and climb to 1800, turn LEFT to 'CD' at 3900 or above.





MSA 46km

Changes:

STANDARD DEPARTURE CHART-INSTRUMENT

VAR2.5° W

ATIS 126.25
TWR 118.85

ZGCD Changde/Taohuayuan
RWY20

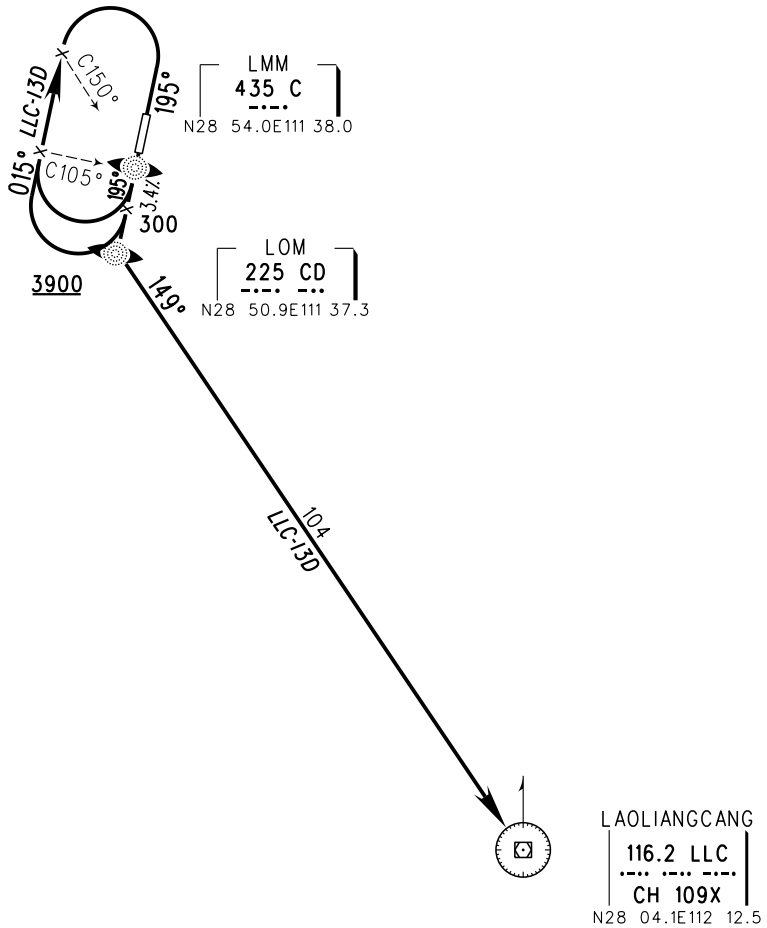
BEARINGS ARE MAGNETIC
ALTITUDES, ELEVATIONS
AND HEIGHTS IN METERS
DME DISTANCES IN
NAUTICAL MILES
DISTANCES IN KM

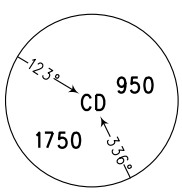
TL 3600
TA 3000
3300(QNH≥1031hPa)
2700(QNH≤979hPa)

NOT TO SCALE

This chart used by ATC

Note:Climb straight to 300,turn RIGHT and join in spiral climb procedure.Climb to 3900 or above and fly to 'CD'.





MSA 46km

Changes:

STANDARD ARRIVAL CHART-INSTRUMENT

VAR2.5° W

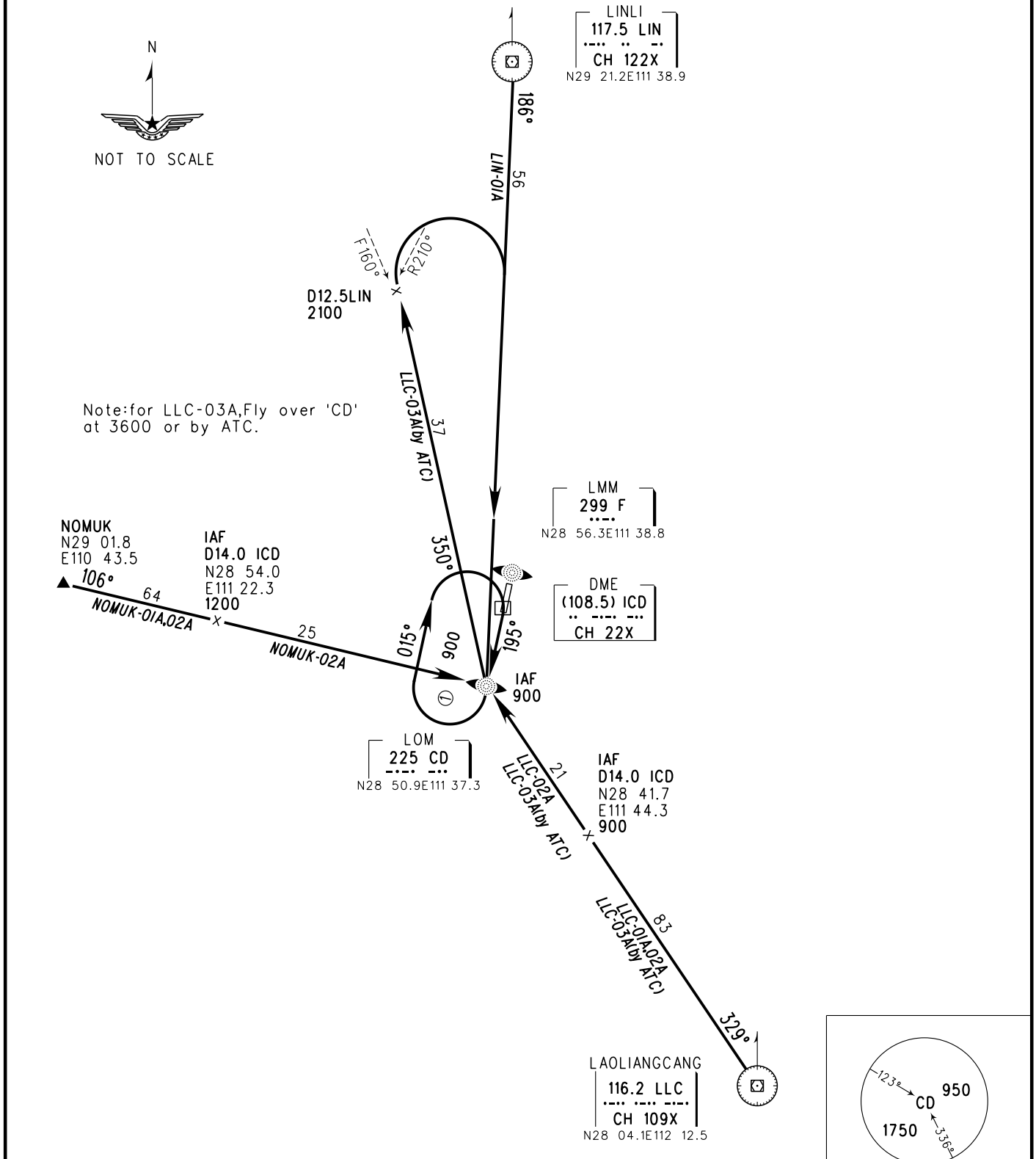
ATIS 126.25
TWR 118.85

ZGCD Changde/Taohuayuan

RWY02

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:

STANDARD ARRIVAL CHART-INSTRUMENT

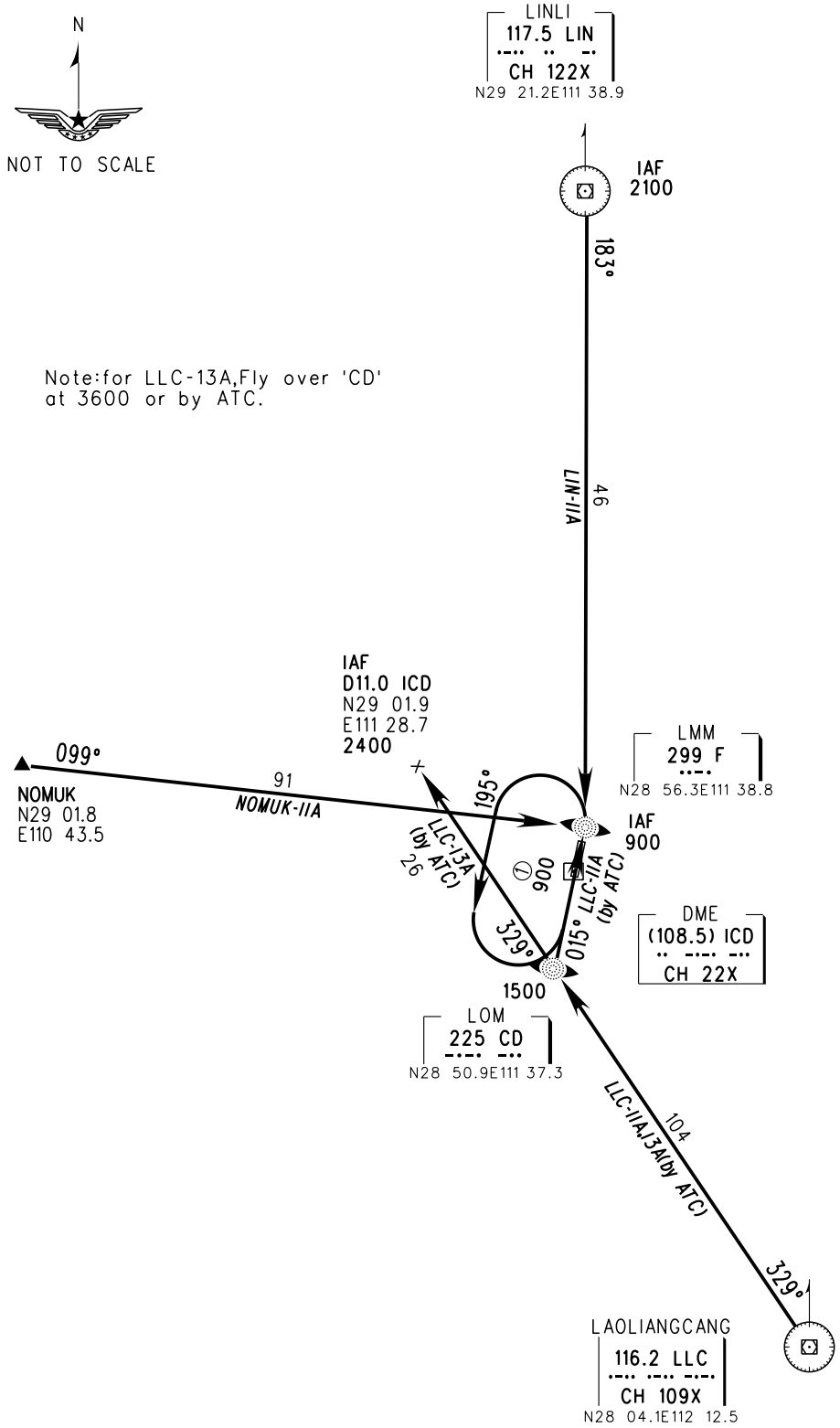
VAR2.5° W

ATIS 126.25
TWR 118.85

ZGCD Changde/Taohuayuan
RWY20

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:

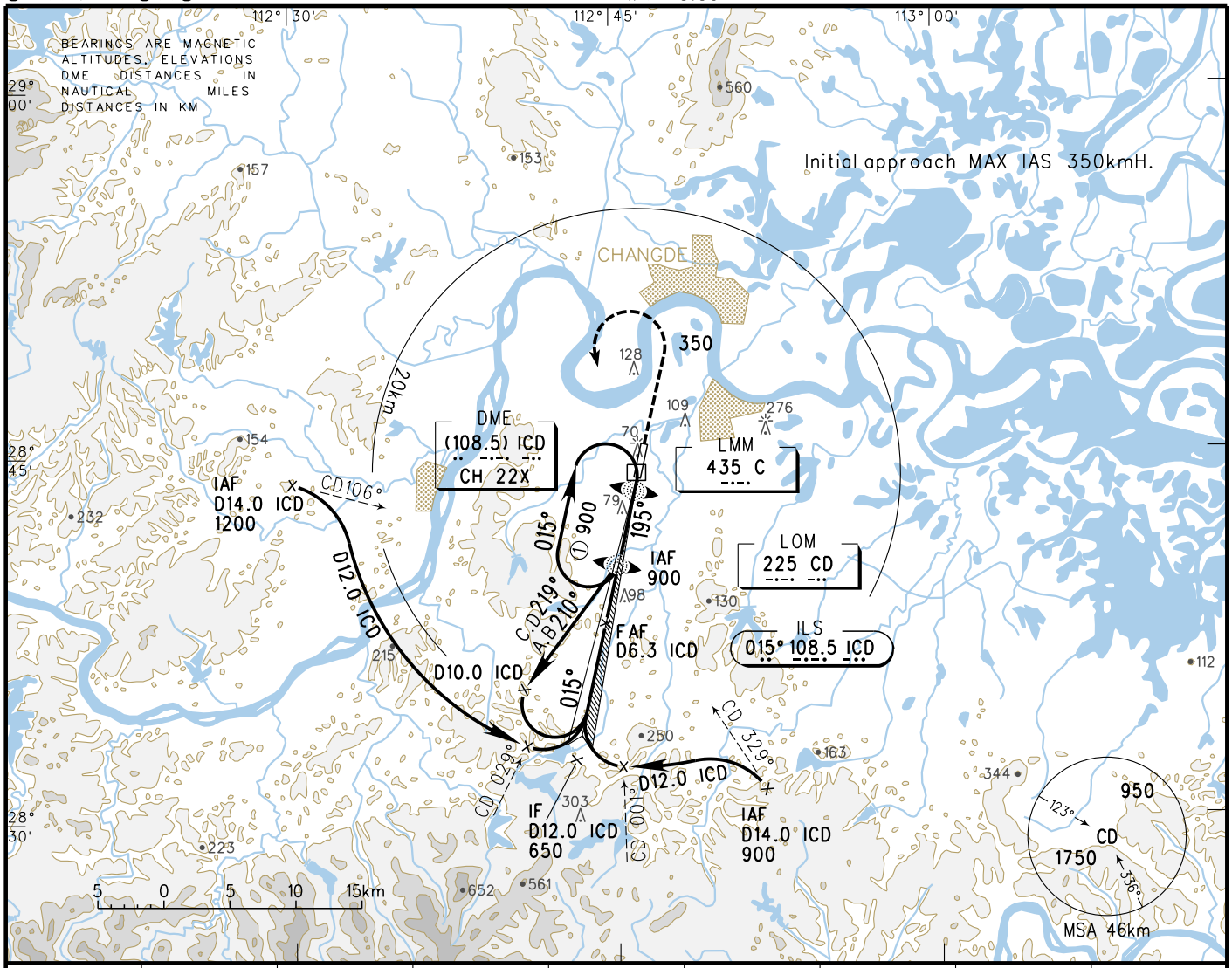
INSTRUMENT APPROACH CHART-ICAO

VAR2.5° W

AERODROME ELEV 45.5
THR RWY02 ELEV 45.5

ATIS 126.25
TWR 118.85

ZGCD Changde/Taohuayuan
ILS/DME RWY02

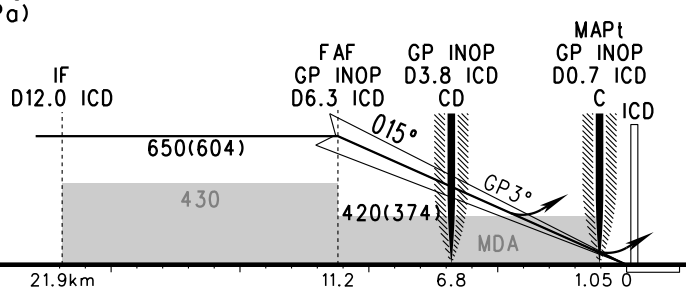


GP INOP	DME (ICD) (NM)	8	7	6	5	4	3	2
	ALT (m)			625	528	431	334	237

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

MISSED APPROACH

Climb straight to 350,turn LEFT to 'CD' at 900,join in holding pattern or by ATC.



	A	B	C	D
ILS/DME (DH) RVR/VIS	106(60) 550/800			
GP INOP (MDH) VIS	275(229) 3500			
CIRCLING (MDH) VIS	275(229) 4400		320(274) 4400	400(354) 5000

FAF-MAPt(GP INOP) 10.15km

GS in kt / kmH	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	4:07	3:17	2:44	2:21	2:03	1:50
Rate of descent m/s	2.2	2.7	3.2	3.8	4.3	4.9

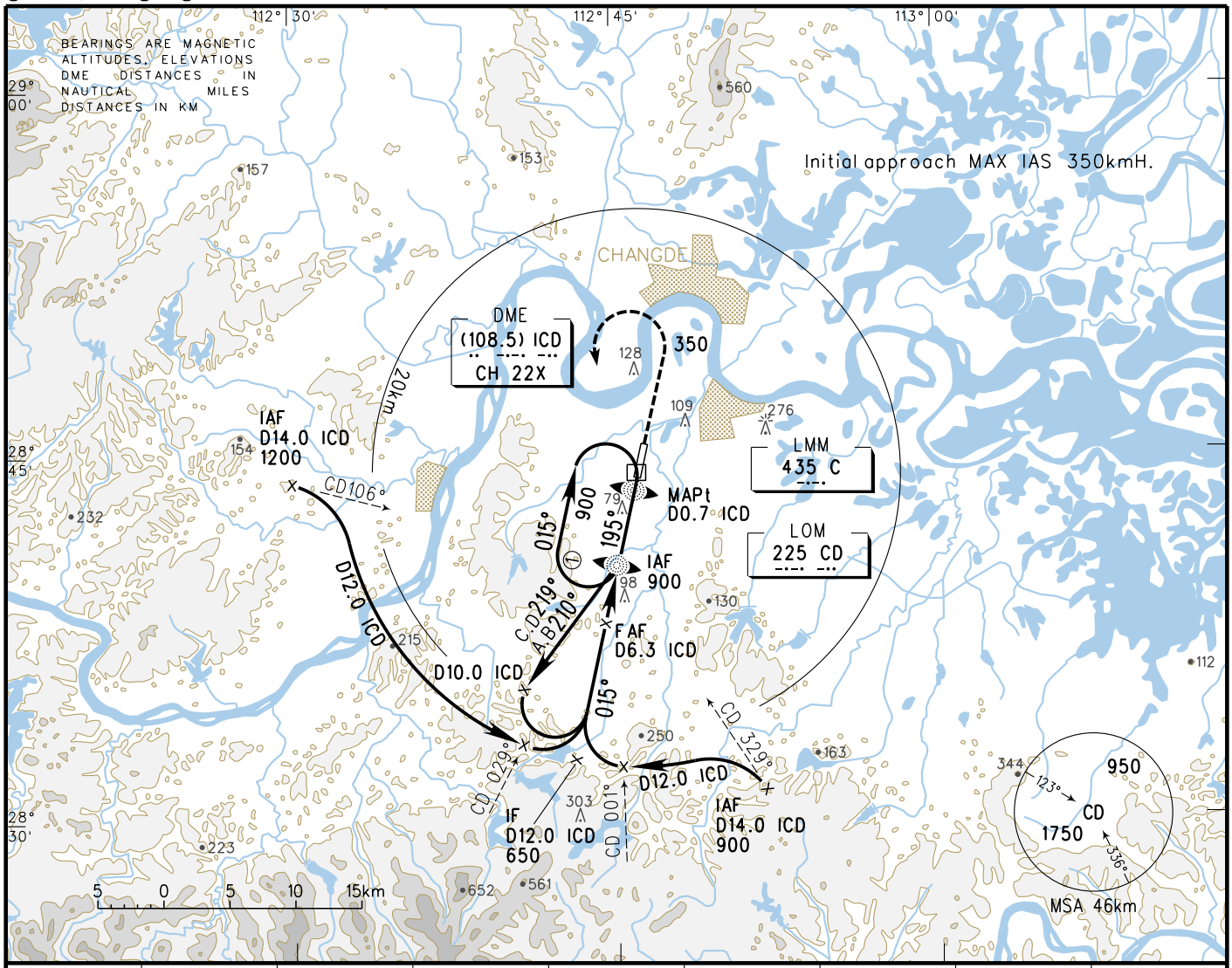
Changes:

INSTRUMENT APPROACH CHART-ICAO

VAR2.5° W

AERODROME ELEV 45.5 ATIS 126.25
THR RWY02 ELEV 45.5 TWR 118.85

ZGCD Changde/Taohuayuan
NDB/DME RWY02

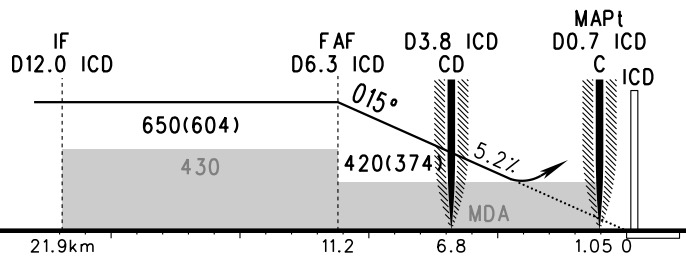


DME (ICD) (NM)	8	7	6	5	4	3	2	1
ALT (m)			624	527	430	333	236	

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

MISSED APPROACH

Climb straight to 350,turn LEFT to 'CD' at 900,join in holding pattern or by ATC.



	A	B	C	D
NDB/DME MDA(H) VIS	275(229) 3500			
CIRCLING MDA(H) VIS	275(229) 4400		320(274) 4400	400(354) 5000

FAF-MAPt 10.15km

GS in kt / kmH	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	4:07	3:17	2:44	2:21	2:03	1:50
Rate of descent m/s	2.2	2.7	3.2	3.8	4.3	4.9

Changes:

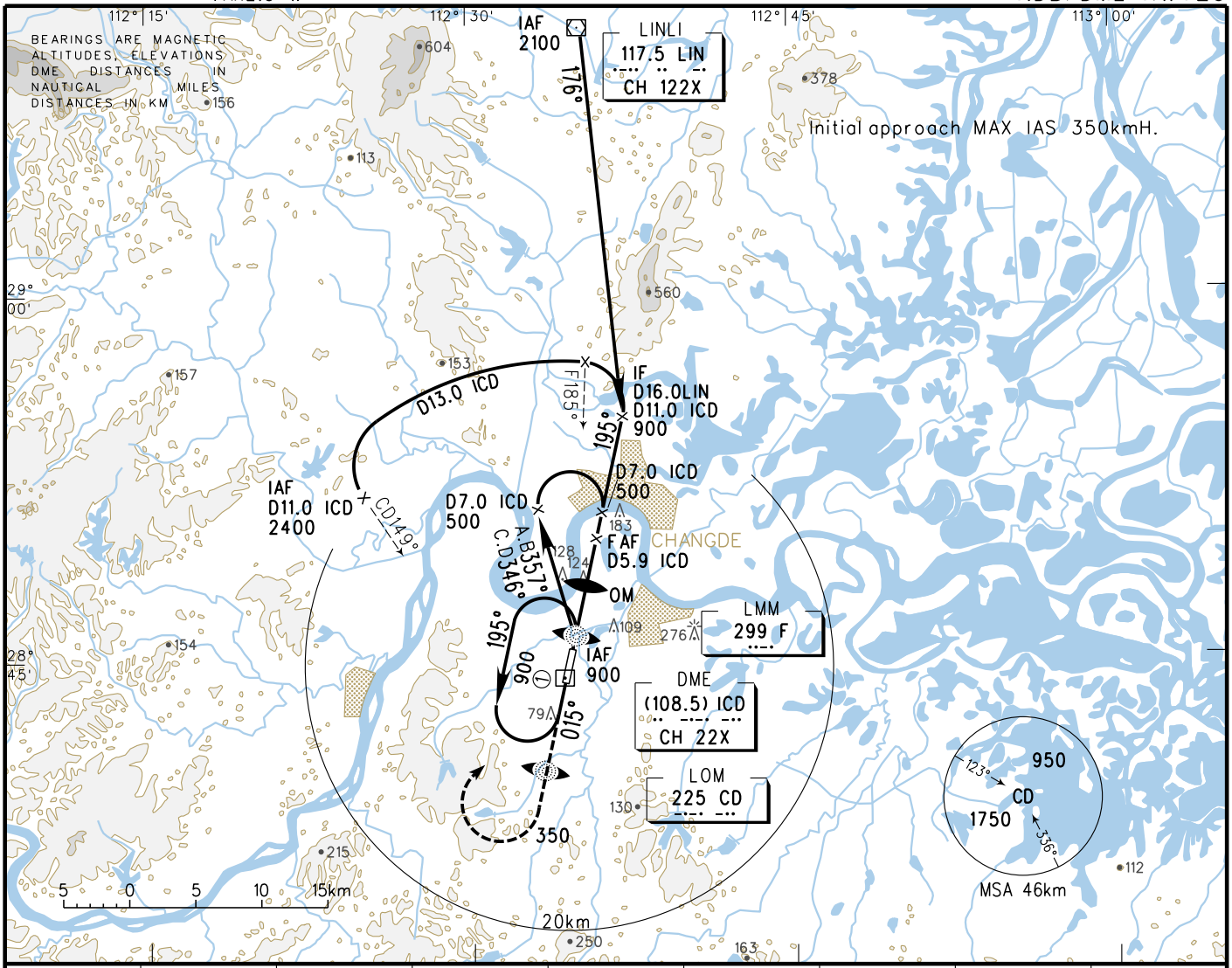
INSTRUMENT APPROACH CHART-ICAO

VAR2.5° W

AERODROME ELEV 45.5
THR RWY20 ELEV 36.4

ATIS 126.25
TWR 118.85

ZGCD Changde/Taohuayuan
NDB/DME RWY20

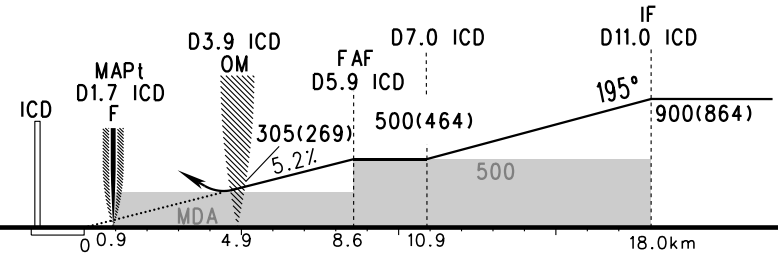


DME (ICD) (NM)	1	2	3	4	5	6	7	8
ALT (m)			225	322	419			

MISSED APPROACH

Climb straight to 350,turn RIGHT to 'F' at 900,join in holding pattern or by ATC.

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



	A	B	C	D
NDB/DME MDA(H) VIS	275(239) 4400			
CIRCLING MDA(H) VIS	275(229) 4400		320(274) 4400	400(354) 5000

FAF-MAPt 7.7km

GS in kt / kmH	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	3:07	2:30	2:05	1:47	1:34	1:23
Rate of descent m/s	2.2	2.7	3.2	3.8	4.3	4.9

Changes: