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AIP CHINA
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包头/东河

自 201910091600 (UTC) 起至 201912311600 (UTC)，包头/东河机场临时对外开放使用，有关机场、飞行程序等资料共 27 页附后。

校核单:

ZBOW AD 2-1/2
ZBOW AD 2-3/4
ZBOW AD 2-5/6
ZBOW AD 2-7/8
ZBOW AD 2-9/10
ZBOW AD 2-11/12
ZBOW AD2.24-1/2
ZBOW AD2.24-7A/7B
ZBOW AD2.24-7C/7D
ZBOW AD2.24-9A/9B
ZBOW AD2.24-9C/9D
ZBOW AD2.24-10A/10B
ZBOW AD2.24-10C/10D
ZBOW AD2.24-10E

BAOTOU/Donghe

From 201910091600 (UTC) to 201912311600 (UTC), BAOTOU/Donghe airport will open to foreign flights. A total of 27 pages about relevant information with regard to the airport and flight procedures are attached herewith.

Checklist:

ZBOW AD 2-1/2
ZBOW AD 2-3/4
ZBOW AD 2-5/6
ZBOW AD 2-7/8
ZBOW AD 2-9/10
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ZBOW AD2.24-7A/7B
ZBOW AD2.24-7C/7D
ZBOW AD2.24-9A/9B
ZBOW AD2.24-9C/9D
ZBOW AD2.24-10A/10B
ZBOW AD2.24-10C/10D
ZBOW AD2.24-10E

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

ZBOW—包头/东河 BAOTOU/Donghe

ZBOW AD 2.2 机场地理位置和管理资料 Aerodrome geographical and administrative data

1	机场基准点坐标及其在机场的位置 ARP coordinates and site at AD	N40° 33.5' E110° 00.0' RWY13/31 center
2	方向、距离 Direction and distance from city	252° GEO, 2.1km from Donghe Railway Station
3	标高/参考气温 Elevation/Reference temperature	1012m/ 30.1°C(JUL)
4	机场标高位置/高程异常 AD ELEV PSN/ geoid undulation	THR13/-
5	磁差/年变率 MAG VAR/Annual change	4°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	Inner Mongolia Autonomous Regional Civil Aviation Airport Group CO. LTD, Baotou branch Inner Mongolia Autonomous Region province, Baotou Donghe Airport，Baotou 014000 TEL: 86-472-4601074 AFS: ZBOWZPZX
7	允许飞行种类 Types of traffic permitted(IFR/VFR)	IFR/VFR
8	机场性质/飞行区指标 Military or civil airport & Reference code	Civil/4C
9	备注 Remarks	Nil

ZBOW 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	HS or O/R
3	卫生健康部门 Health and sanitation	HS or O/R
4	航行情报服务讲解室 AIS Briefing Office	H24
5	空中交通服务报告室 ATS Reporting Office (ARO)	H24
6	气象讲解室 MET Briefing Office	H24
7	空中交通服务 ATS	H24
8	加油 Fuelling	HS or O/R
9	地勤服务 Handling	HS or O/R
10	保安 Security	HS or O/R

11	除冰 De-icing	HS or O/R
12	备注 Remarks	Nil

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

1	货物装卸设施 Cargo-handling facilities	Conveyer belt vehicle, baggage dollies, baggage tractors
2	燃油/滑油牌号 Fuel/oil types	Nr.3 jet fuel --
3	加油设施/能力 Fuelling facilities/capacity	Refueling truck(20000 liters and 35000 liters); 20 liters/ sec
4	除冰设施 De-icing facilities	2 De-icers
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 various types of aircraft on request
7	备注 Remarks	Nil

ZBOW AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	Near AD
2	餐馆 Restaurants	In the terminal
3	交通工具 Transportation	Passenger’s coaches, taxis
4	医疗设施 Medical facilities	First-aid center at AD
5	银行和邮局 Bank and Post Office	In the terminal
6	旅行社 Tourist Office	In the terminal
7	备注 Remarks	Nil

ZBOW 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: heavy-duty foam tender, primary foam tender, illumination truck, command car, rapid intervention vehicle, logistics truck, ambulance
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	Nil
4	备注 Remarks	Nil

ZBOW 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 Spreader vehicle, snow removal vehicles, snow pusher, snow ploughs
2	扫雪顺序 Clearance priorities	Runway, taxiway, apron
3	备注 Remarks	Nil

ZBOW 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 59/R/B/W/T (Apron Nr.2, Apron Nr.3) PCN 31/R/B/W/T (Apron Nr.1)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width: Surface: Strength:	38m : B, C; 15m : A Cement: A Asphalt: B, C PCN 59/F/B/W/T (B, C) PCN 31/R/B/W/T (A)
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	

ZBOW 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 signs at intersections of TWYs and RWY and taxiing holding position; Guide lines at apron; Aircraft stand identification signs at apron.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	RWY designation, THR, center line, TDZ, edge line, aiming point
		RWY lights	Edge line, center line, THR, RWY end,
		TWY markings	Edge line, center line, taxiing holding positions
		TWY lights	Edge line,center line (TWY B,C)
3	停止排灯 Stop bars	Nil	
4	备注 Remarks	Nil	

ZBOW AD 2.10 机场障碍物 Aerodrome obstacles

Obstacles within a circle with a radius of 15km centered on RWY center

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
1	*Chimney	007	7226	1297.8	
2	*Control TWR	024	316	1037.8	
3	BLDG	039	3224	1096.3	
4	*BLDG	046	2694	1076.6	
5	TWR	051	2597	1072.6	
6	Chimney	055	1977	1060.6	
7	*BLDG	060	1992	1065.3	
8	*Chimney	074	6765	1251.0	
9	*TWR	229	2374	1060.8	

10	BLDG	318	14329	1167.4	
11	* BLDG	322	4510	1064.3	
12	TWR	328	5545	1128.0	RWY13 VOR/DME final approach
13	*Chimney	334	4741	1098.6	
14	* BLDG	348	3208	1072.3	
15	*Chimney	351	3513	1085.0	
16	BLDG	351	3858	1058.7	
Obstacles between two circles with the radius of 15km and 50km centered on RWY center					
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
1	MT	002	26300	1698	
2	MT	022	45500	1727	
3	MT	026	31300	1877	
4	MT	047	51300	2115	
5	MT	053	55000	2118	
6	MT	061	18700	1741	
7	MT	073	17500	1625	
8	MT	078	18200	1625	
9	MT	197	36500	1296	
10	MT	200	55000	1379	
11	Chimney	286	18654	1216	
12	MT	292	52700	2322	
13	MT	299	47500	1925	
14	Chimney	300	33000	1183	
15	Chimney	310	16300	1183	
16	MT	310	26300	1289	
17	MT	316	31500	1654	

18	TWR	316	15437	1197	RWY13 GP INOP, VOR/DME intermediate approach; RWY13 NDB final approach
19	MT	341	23500	1680	
20	MT	355	22800	1700	
Remark:					

ZBOW 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	Baotou Aerodrome MET Office
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	H24 --
3	负责编发 TAF 的办公室;有效期 Office responsible for TAF preparation, Periods of validity	Baotou Aerodrome MET Office 9 HR
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, International MET Codes, 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, Midas IV 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, TREND
12	观测系统及位置 Observation System& Site(s)	RVR EQPT: A: 110m E of RCL, 345m inward THR31; B: 110m E of RCL, 1255m inward THR31; C: 110m E of RCL, 350m inward THR13.

13	气象观测系统的工作时间 Hours of operation for Meteorological Observations system	H24
14	气候资料 Climatological information	Climatological tables(2010-2014) AVBL
15	其他信息 Additional information	Nil

ZBOW 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
13	129°GEO 133°MAG	2800×45	59/F/B/W/T Asphalt/ -	Nil	THR 1012.2 --
31	309°GEO 313°MAG	2800×45	59/F/B/W/T Asphalt/ -	Nil	THR1004.8 --

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
-0.26%	Nil	Nil	2920×300	Nil	150×90
0.26%	Nil	Nil	2920×300	Nil	150×90
Remarks: Blast pad connected to RWY end 60×60m.					

ZBOW 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
13	2800	2800	2800	2800	Nil
31	2800	2800	2800	2800	Nil

ZBOW 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(跑道入口最低眼高)，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
13	PALS CAT I 900m LIH	Green --	PAPI Left/3°	Nil	2800m** spacing 30m	2800m*** spacing 60m	Red	Nil
31	PALS CAT I* 900m LIH	Green --	PAPI Left/3°	Nil	2800m** spacing 30m	2800m*** spacing 60m	Red	Nil
Remarks: * SFL ** 0-1900m White VRB LIH, 1900-2500m Red/White VRB LIH, 2500m-2800m Red VRB LIH *** 0-2200m White VRB LIH, 2200-2800m Yellow VRB LIH								

ZBOW 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	Nil
3	滑行道边灯和中心线灯光 TWY edge and center line lighting	All TWYs
4	备份电源/转换时间 Secondary power supply/switch-over time	Secondary power supply available, diesel motor /10 sec
5	备注 Remarks	Nil

ZBOW 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

ZBOW 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
Baotou tower control area	A circle, radius 50km centered at ARP	GND-3600m MSL(inclusive)	
Fuel Dumping Area			By ATC
Altimeter setting region and TL/TA	A circle with a radius of 55km centered on VOR/DME 'BAV'	TL 3600m TA 3000m 3300m(QNH≥1031hPa) 2700m(QNH≤979hPa)	

ZBOW 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
TWR	Baotou Tower	118.2	H24	Nil
EMG		121.5	H24	Nil

ZBOW 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
Baotou VOR/DME	BAV	117.3MHz CH120X	N40°33.4' E109°59.9' 227° MAG/210m FM RWY center	1019m	
LMM 13	X	306kHz	313° MAG/1200m FM THR13		

LOC 13 ILS CAT I	IXX	110.5MHz	133° MAG/260m FM RWY13 end		Beyond 12NM of front course U/S; Beyond 15° leftside of front course U/S
GP 13		329.6MHz	320° MAG/1103m FM RWY center		
LOC 31 ILS CAT I	IZZ	108.5MHz	313° MAG/210m FM RWY31 end		
GP 31		329.9MHz	127° MAG/1107m FM RWY center		GP 3° RDH 15m
DME 31	IZZ	CH22X (108.5MHz)		1012m	Co-located with GP 31

ZBOW AD 2.20 本场飞行规定

1. 机场使用规定

所有飞行必须事先申请,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

2.1 禁止航空器在掉头坪以外的跑道上掉头。

2.2 可以通过塔台申请拖车服务。

3. 机坪和机位的使用

3.1 机位使用限制/Limits for aircraft parking on the following stands:

停机位/Stands	航空器翼展限制/Wing span limits for aircraft
Nr.10	47.6m
Nr.01-09, 11-12	35.8m
Nr.13	23.2m
Nr.21-22	CRJ-900 and below

3.2 11 号机位为航空器除冰位。

3.3 12 号机位为航空器试车位。

4. 机场的 **II/III** 类运行

无

5. 警告

无

6. 直升机飞行限制，直升机停靠区

无

ZBOW AD 2.20 Local traffic regulations

1. AD operation regulations

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

2. Use of runways and taxiways

2.1 All aircraft can only turn around on RWY turn pads.

2.2 Towing service is available via TWR.

3. Use of aprons and parking stands

3.2 De-icing position: stand Nr.11.

3.3 Stand Nr.12 is used for engine run-up.

4. CAT II/III operations at AD

Nil

5. Warning

Nil

6. Helicopter operation restrictions and helicopter parking/ docking area

Nil

ZBOW AD 2.21 减噪程序

无

ZBOW AD 2.21 Noise abatement procedures

Nil

ZBOW AD 2.22 飞行程序

1. 总则

1.1 除经塔台特殊许可外，在包头机场管制地带内的飞行，必须按照仪表飞行规则进行;

2. 起落航线

目视和仪表起落航线只准在跑道西南侧进行，高度为修正海压高度 1300m 至 1600m。

3.仪表飞行程序

3.1 严格按照航图中公布的进、离场程序飞行。如果需要，航空器可在空中交通管制部门指定的航路、导航台或定位点上空等待或做机动飞行;

3.2 等待程序见标准仪表进、离场图;

3.3 优先着陆程序：按空中交通管制员指令进行。

4. 雷达程序

无

5. 无线电通信失效程序

无

6. 目视飞行规定

6.1 目视等待：禁止在北侧做目视盘旋进近。

7. 目视飞行航线

无

8. 目视参考点

无

9. 其它规定

无

10. 区域导航飞行程序相关数据

无

ZBOW AD 2.22 Flight procedures

1. General

1.1 Flights within aerodrome Controll Area shall operate under IFR unless special clearance has been obtained from TWR Control;

2. Traffic circuits

Traffic circuits shall be made to the southwest of RWY, at the altitude of 1300-1600m.

3. IFR flight procedures

3.1 Strict adherence is required to the relevant arrival/departure procedures published in the aeronautical charts. Aircraft may, if necessary, hold or maneuver on an airway, over a navigation facility or a fix designated by ATC.

3.2 Holding procedures refer to SID/STAR.

3.3 Priority for landing: Follow ATC instructions.

4. Radar procedures

Nil

5. Radio communication failure procedures

Nil

6. Procedures for VFR flights

6.1 Holding: Circling approach on the north of RWY is strictly forbidden.

7. VFR route

Nil

8. Visual reference point

Nil

9. Other regulations

Nil

10. Data for RNAV flight procedures

Nil

ZBOW AD 2.23 其它资料

1. 全年有鸟类活动，机场当局采取了驱赶措

ZBOW AD 2.23 Other Information

1. Activities of bird are found in the whole year, Aerodrome

施，以减少鸟群活动。

2. 日出日没表

日出/日没表中公布的时间为北京标准时间。

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	08:04	17:23	04/01	06:25	19:04	07/01	05:13	20:15	10/01	06:36	18:23
01/10	08:03	17:32	04/10	06:10	19:13	07/10	05:18	20:12	10/10	06:45	18:08
01/20	07:59	17:43	04/20	05:55	19:24	07/20	05:26	20:07	10/20	06:56	17:53
02/01	07:50	17:57	05/01	05:40	19:35	08/01	05:36	19:56	11/01	07:09	17:37
02/10	07:41	18:08	05/10	05:29	19:44	08/10	05:45	19:45	11/10	07:20	17:27
02/20	07:28	18:20	05/20	05:19	19:54	08/20	05:55	19:31	11/20	07:32	17:19
03/01	07:15	18:31	06/01	05:12	20:04	09/01	06:07	19:13	12/01	07:44	17:14
03/10	07:01	18:41	06/10	05:09	20:10	09/10	06:15	18:58	12/10	07:52	17:13
03/20	06:44	18:52	06/20	05:09	20:14	09/20	06:25	18:41	12/20	07:59	17:16

AERODROME CHART

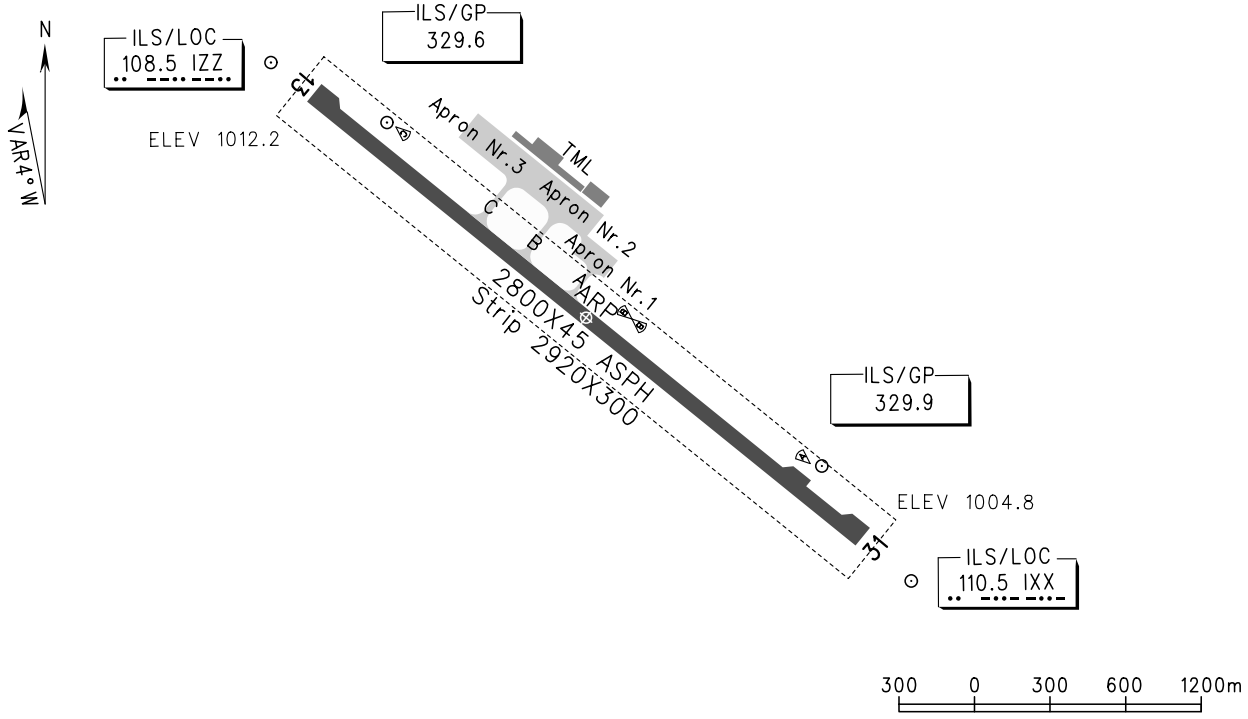
TWR 118.2

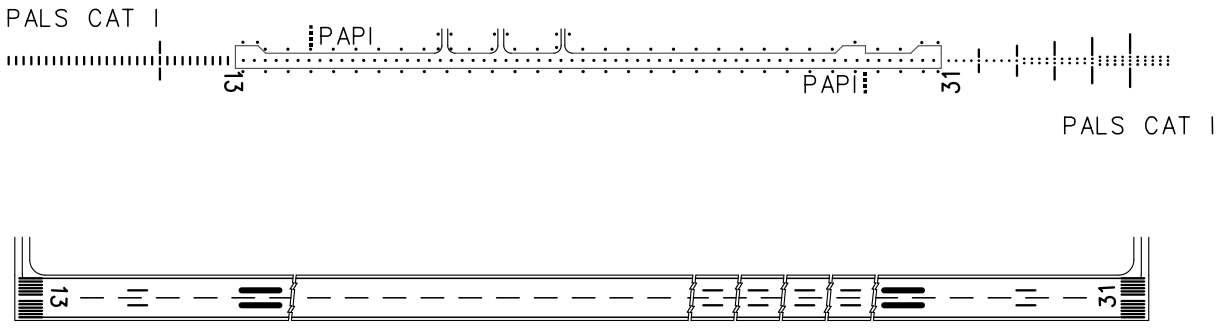
ZBOW BAOTOU/Donghe

N40° 33.5'E110° 00.0' ELEV 1012m

RWY	Direction	Bearing strength(PCN)
13	133°	PCN 59/F/B/W/T: RWY,TWY B,C PCN 59/R/B/W/T: Apron Nr.2, apron Nr.3
31	313°	PCN 31/R/B/W/T: TWY A, apron Nr.1

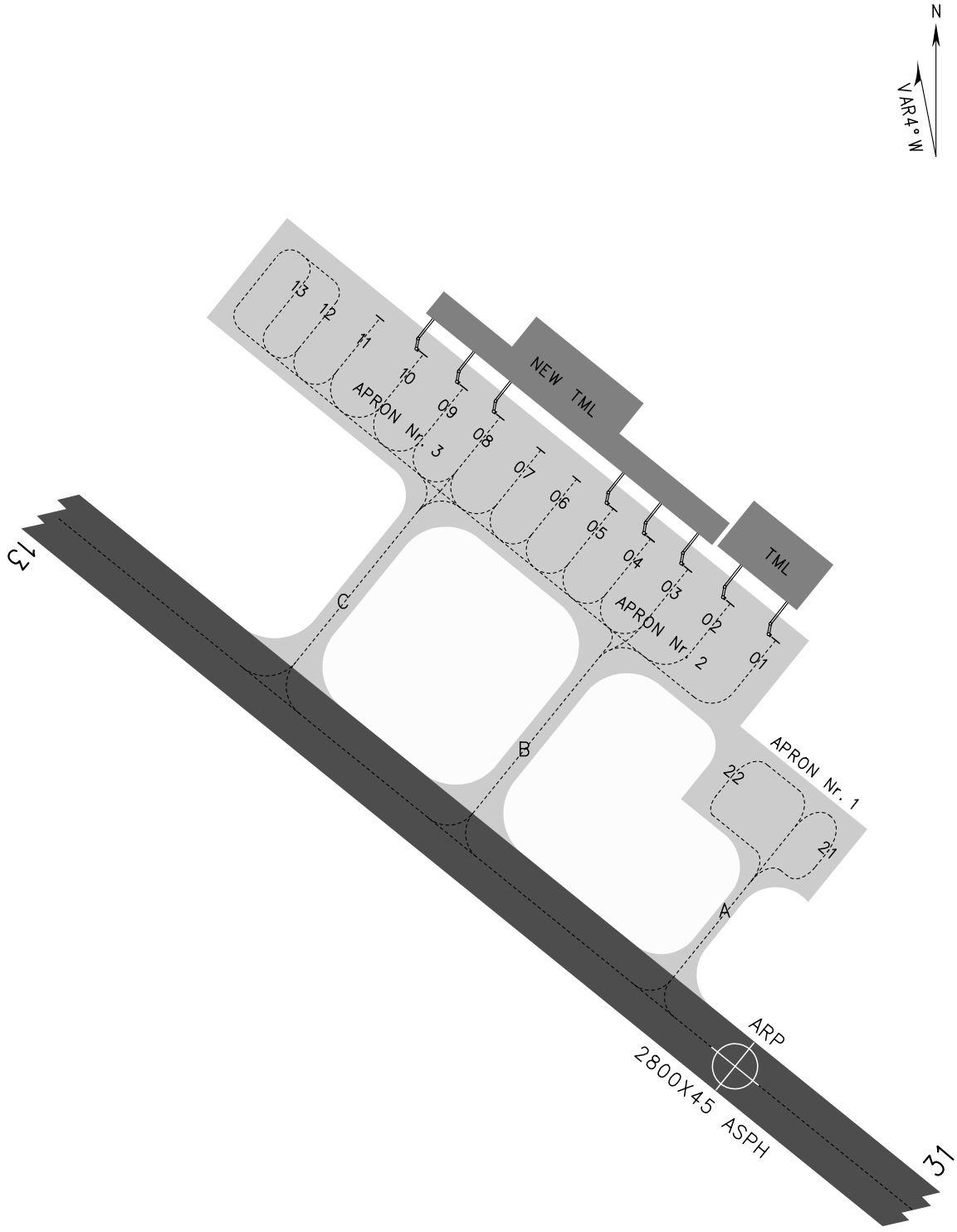
BEARINGS ARE MAGNETIC
ALTITUDES, DISTANCES,
ELEVATIONS AND HEIGHTS
IN METERS





TAKE-OFF MINIMA(WITH RELIABLE ALTN)(m)						LIGHTS	
ACFT Type		RWY13		RWY31		RWY13	RWY31
		REDL	NIL(Day only)	REDL	NIL(Day only)		
2 TURB ENG or 3&4 ENG	A B C D	VIS800		VIS800		PALS CAT I PAPI REDL RCLL	PALS CAT I SFL PAPI REDL RCLL
Other 1&2 ENG							
Note:							

Changes: NIL.


N
VAR 4° W
NEW TML
TML
APRON Nr. 3
APRON Nr. 2
APRON Nr. 1
13
12
11
10
09
08
07
06
05
04
03
02
01
22
21
C
B
A
13
31
ARP
2800X45 ASPH

Changes: NIL.

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

EGILO
N40 38.8
E109 59.0
2700

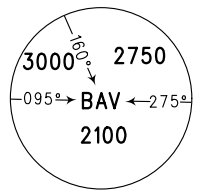
266°
49
DKO-01D
206
R278°
D27.0BAV
3000

DENGKOU
113.5 DKO
CH 82X
N40 18.9E106 59.8

BAOTOU
117.3 BAV
CH 120X
N40 33.4E109 59.9

10
359°
133°
2100
SANID-02D
313°
239°
133°
SANID-01D
UBRAG-02D
313°
SANID-01D
1600
096°
28
UBRAG-01D,02D
R112°
D27.0BAV
2100
112
UBRAG
N40 24.0
E111 52.3
R133°
D13.2BAV
2100
239°
185
SANID-01D,02D
R188°
188°
HDS-01D
ALGOV
N40 11.9
E109 57.9
191°
79
SANID
N39 35.8
E108 13.4

ORDOS
116.1 HDS
CH 108X
N39 29.4E109 51.7

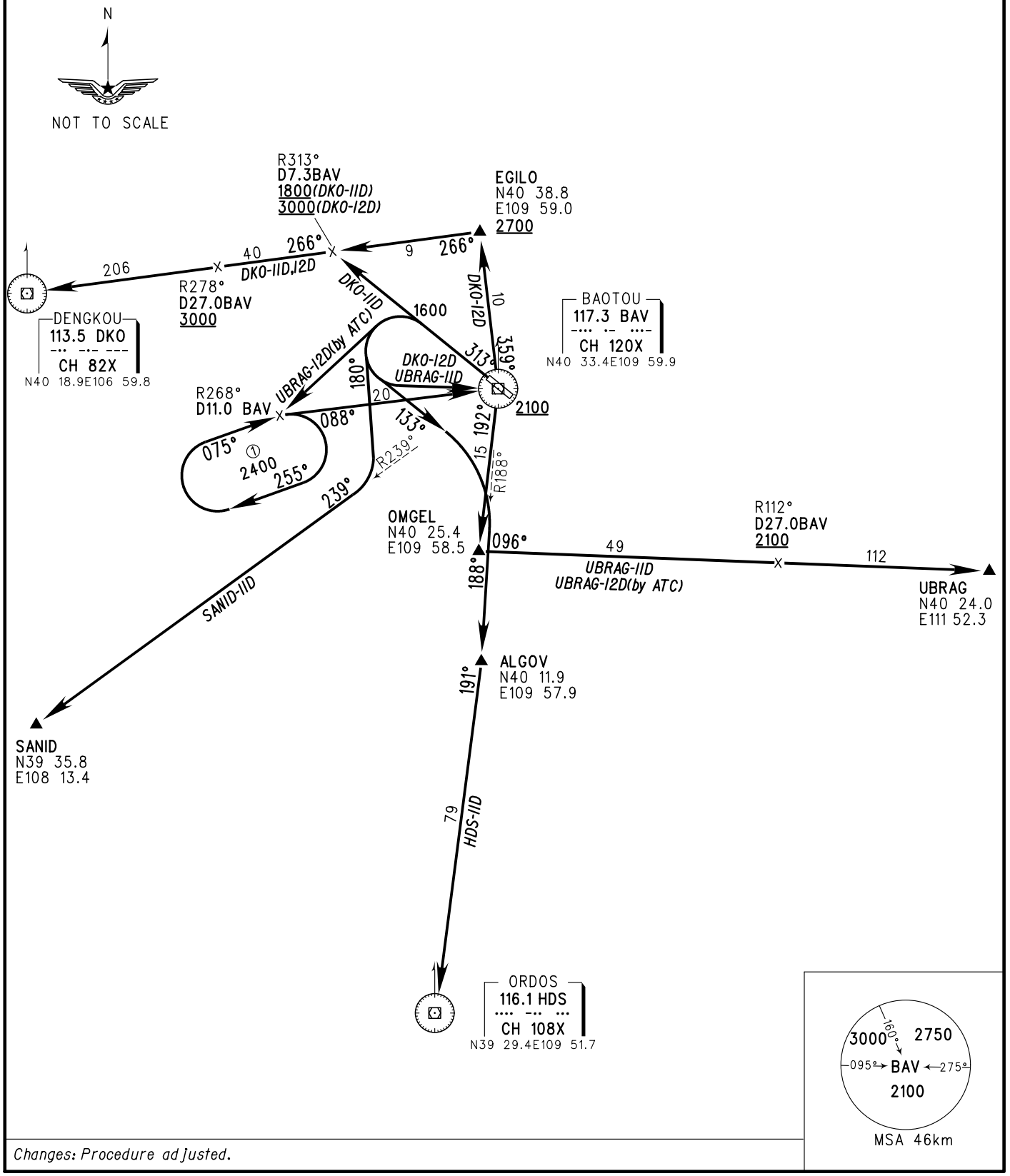


MSA 46km

Changes: Procedure adjusted.

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: Procedure adjusted.

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

EGILO
N40 38.8
E109 59.0
2700

255
DKO-03D
266°

LMM
306 X

010°
8

2400

DENGKOU
113.5 DKO
CH 82X
N40 18.9E106 59.8

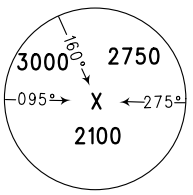
133°
1600
096°
UBRAG-03D
UBRAG
N40 24.0
E111 52.3

X059°
239°
313°
X005°
185°
SANID-03D
SANID
N39 35.8
E108 13.4

ALGOV
N40 11.9
E109 57.9

191°
79
HDS-03D

ORDOS
116.1 HDS
CH 108X
N39 29.4E109 51.7

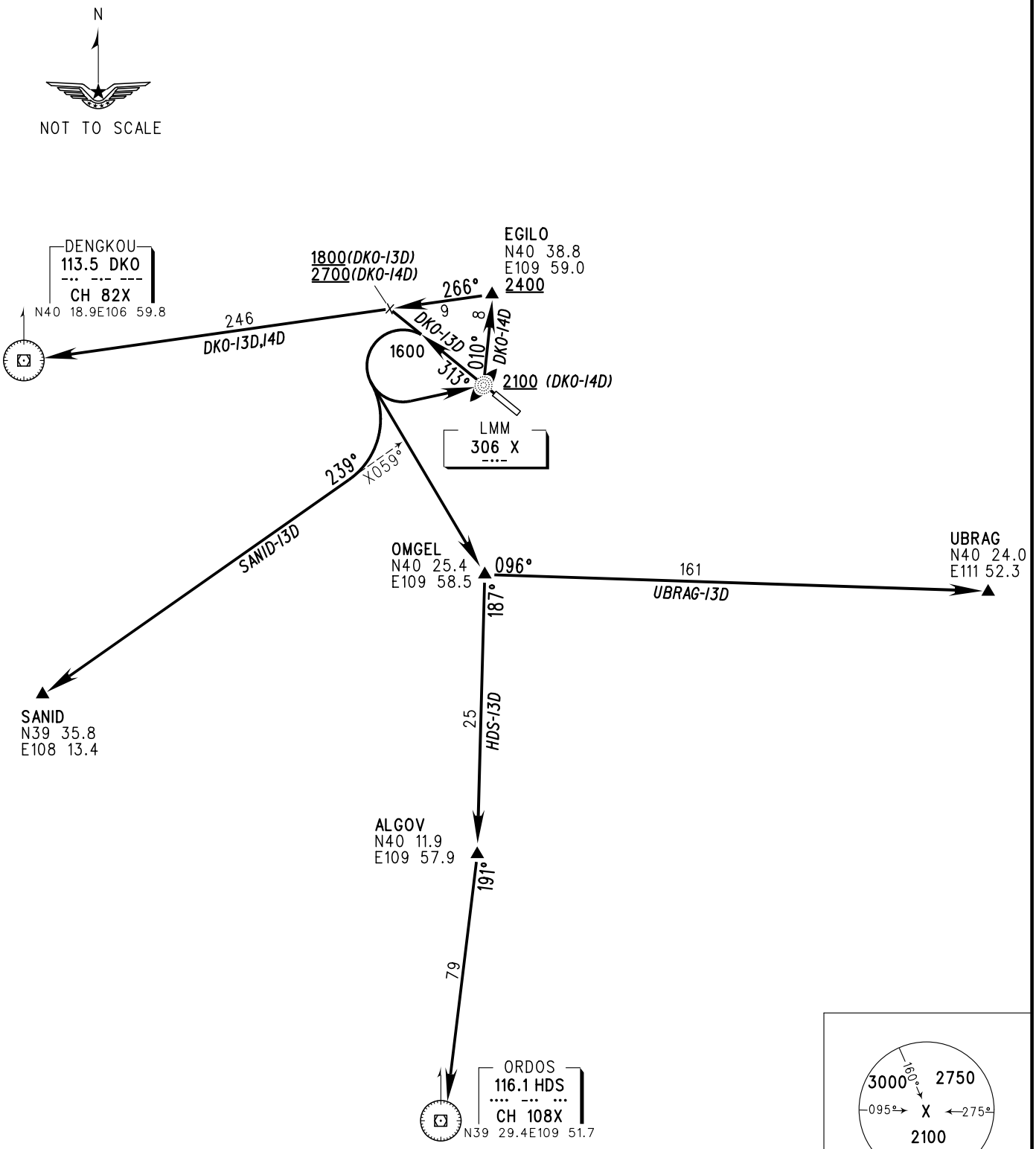


MSA 46km

Changes: Procedure adjusted.

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: Procedure adjusted.

STANDARD ARRIVAL CHART-INSTRUMENT

VAR4° W TWR 118.2

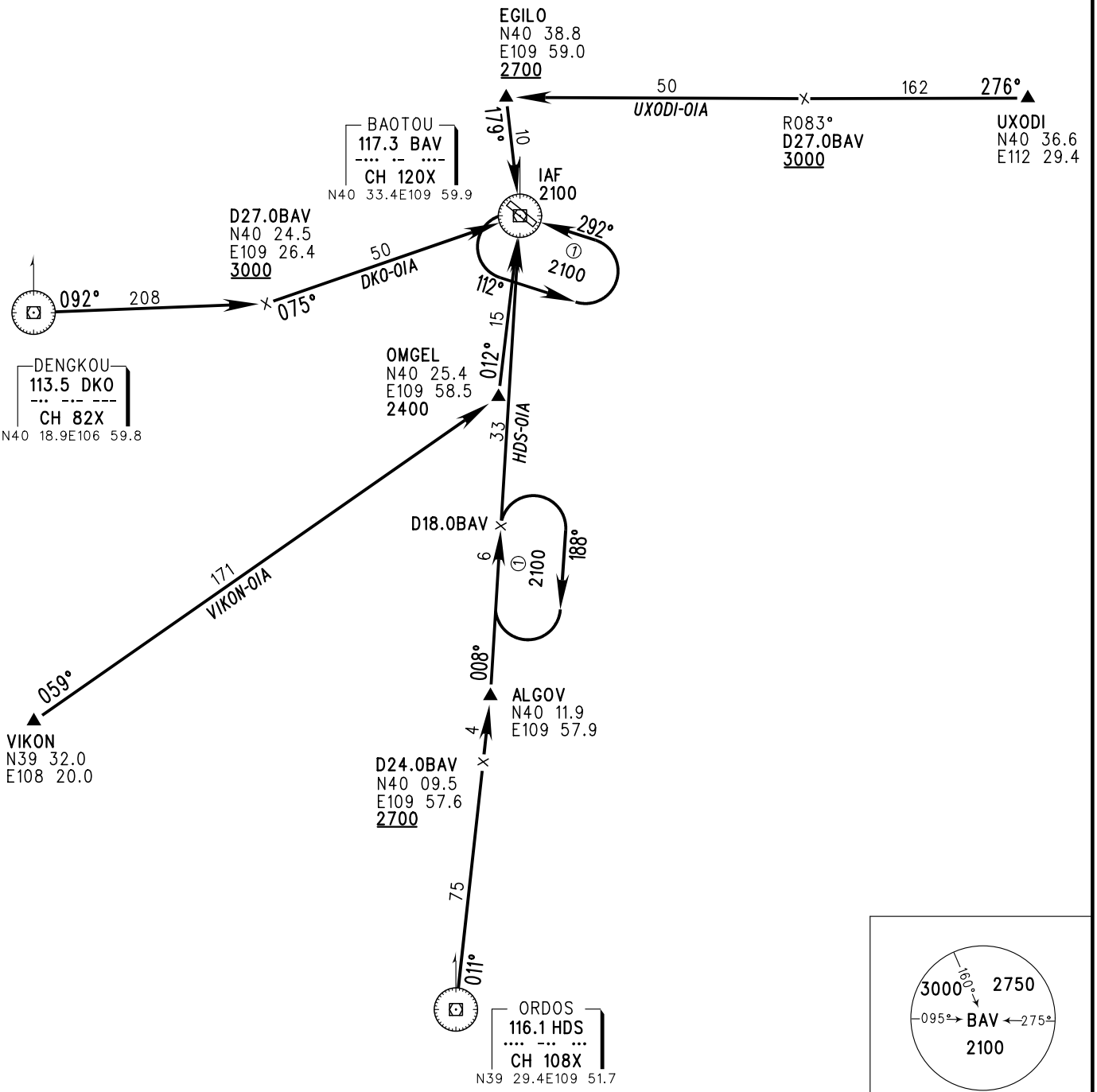
ZBOW BAOTOU/Donghe

RWY13

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 IAS 350kmH



MSA 46km

Changes: Procedure adjusted.

STANDARD ARRIVAL CHART-INSTRUMENT

VAR4° W TWR 118.2

ZBOW BAOTOU/Donghe

RWY31

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 IAS 350kmH

EGILO
N40 38.8
E109 59.0
2700

50
UXODI-IIA
162
276°
R083°
D27.0BAV
3000
UXODI
N40 36.6
E112 29.4

179°
10
149°
2100
329°
IAF
2100

D27.0BAV
N40 24.5
E109 26.4
3000

BAOTOU
117.3 BAV
CH 120X
N40 33.4E109 59.9

092°
208
075°
50
DKO-IIA

DENGKOU
113.5 DKO
CH 82X
N40 18.9E106 59.8

012°
15
HDS-I2A
26

OMGEL
N40 25.4
E109 58.5
2400

IAF
D14.0BAV
2400

7
HDS-IIA,I2A

D18.0BAV

6
2100
188°

171
VIKON-IIA
059°

008°

ALGOV
N40 11.9
E109 57.9

VIKON
N39 32.0
E108 20.0

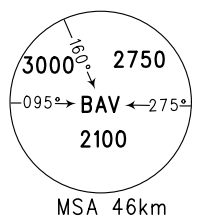
4

D24.0BAV
N40 09.5
E109 57.6
2700

75

011°
1

ORDOS
116.1 HDS
CH 108X
N39 29.4E109 51.7

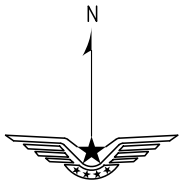


MSA 46km

Changes: Procedure adjusted.

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

Initial approach MAX IAS 350kmH

A 3000 for *UXODI-03A*
2700 for *HDS-03A*, *DKO-03A*, *VIKON-03A*, contact ATC.

EGILO
N40 38.8
E109 59.0
3000

212
276°
UXODI-03A

UXODI
N40 36.6
E112 29.4

190°
8

LMM
306 X

IAF(Over 'X' for the second time)
A 2100

283°
1
2700
103°

17
004°

092°
252
DKO-03A

OMGEL
N40 25.4
E109 58.5

DENGKOU
113.5 DKO
CH 82X
N40 18.9E106 59.8

171
VIKON-03A

25
HDS-03A

059°

007°

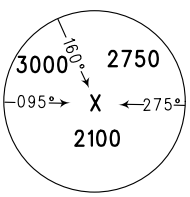
ALGOV
N40 11.9
E109 57.9

VIKON
N39 32.0
E108 20.0

79
HDS-03A

011°

ORDOS
116.1 HDS
CH 108X
N39 29.4E109 51.7



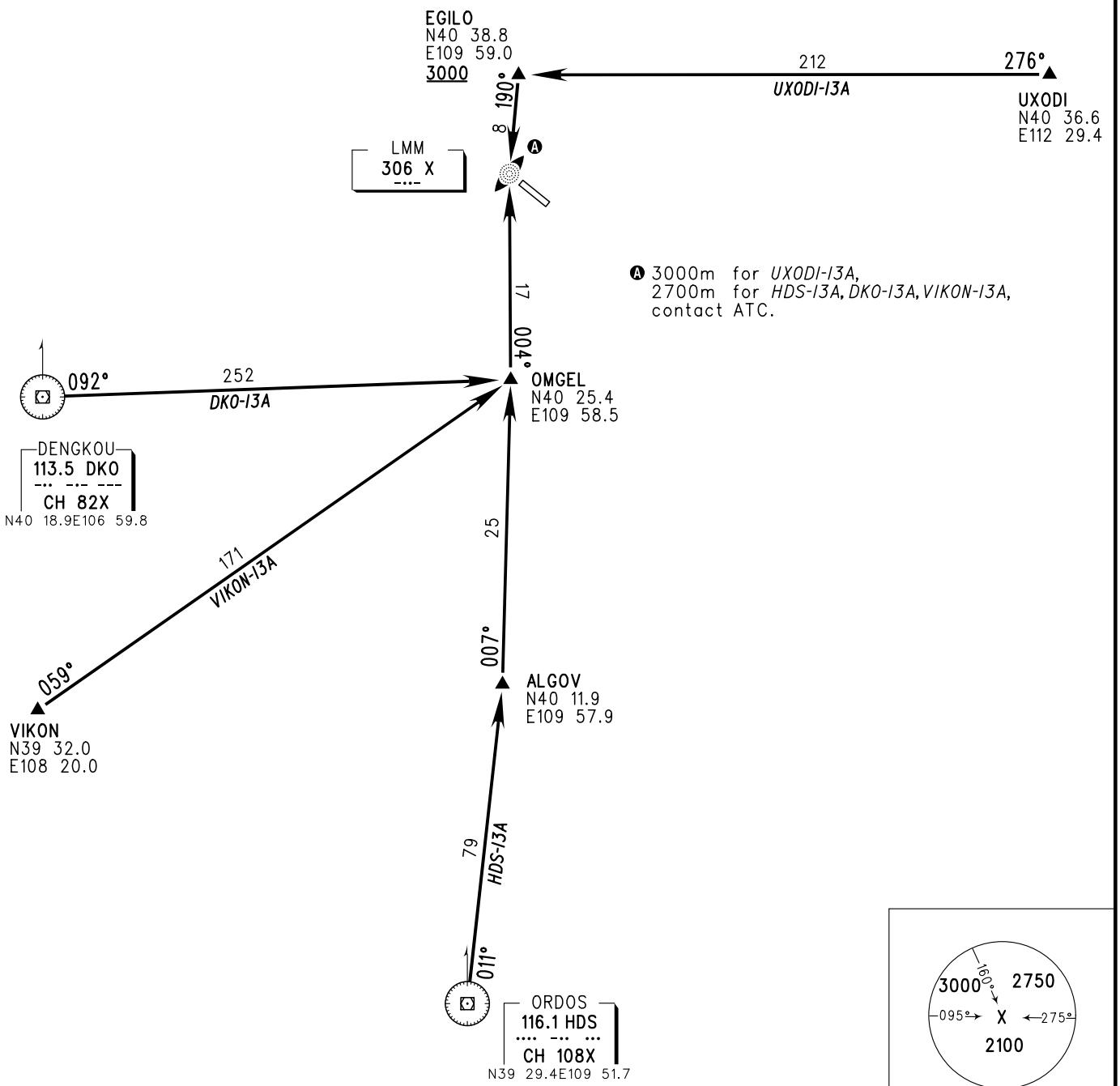
MSA 46km

Changes: Procedure adjusted.

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)

Note:
1.With ATC permission, circling to land, landing minima: MDA(H) 1310(298), VIS 4900.
2.Circling southwest of RWY only.



Changes: Procedure adjusted.

INSTRUMENT APPROACH CHART-ICAO

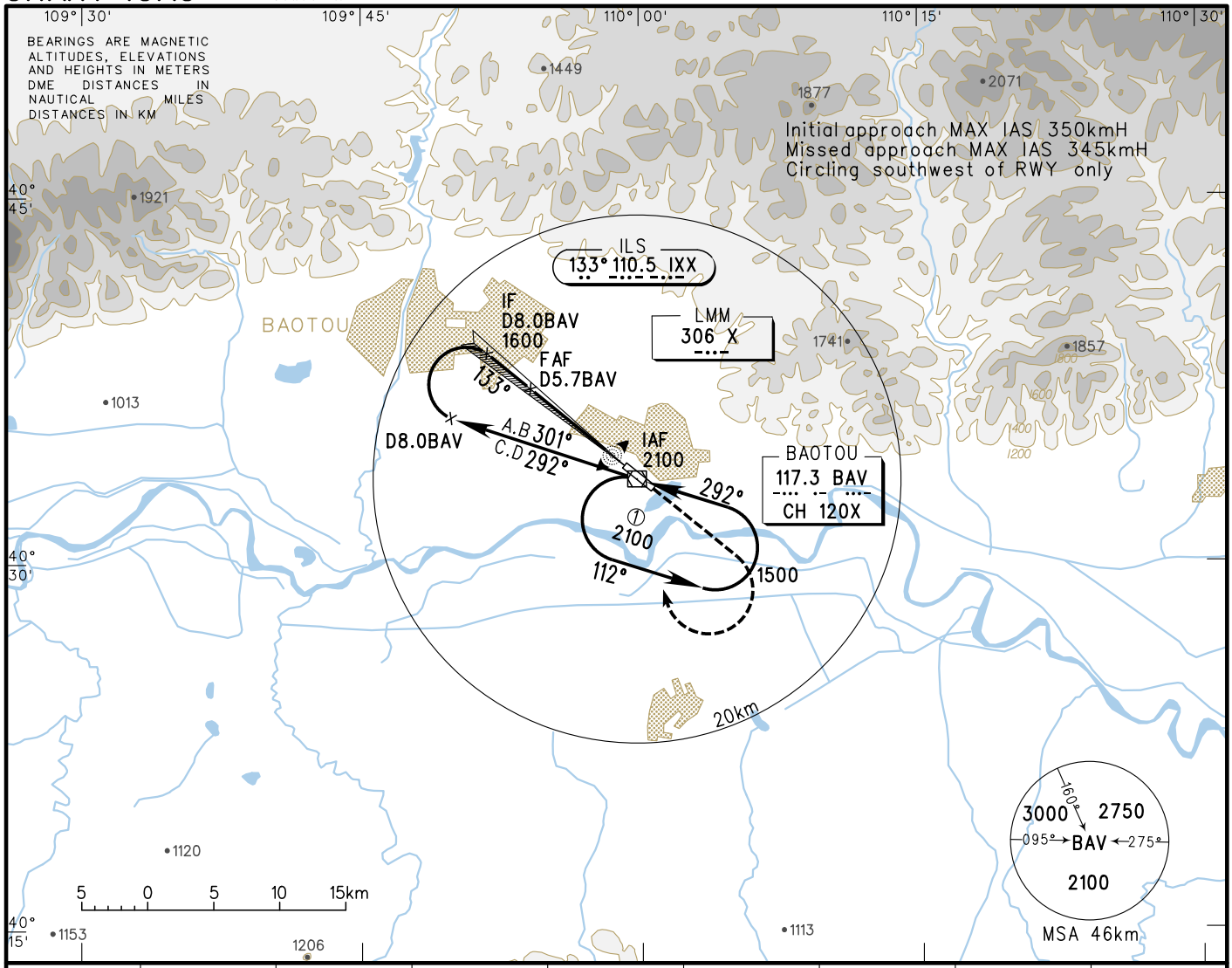
VAR4° W

AERODROME ELEV 1012
THR RWY13 ELEV 1012.2

TWR 118.2

ZBOW BAOTOU/Donghe

ILS/DME RWY13

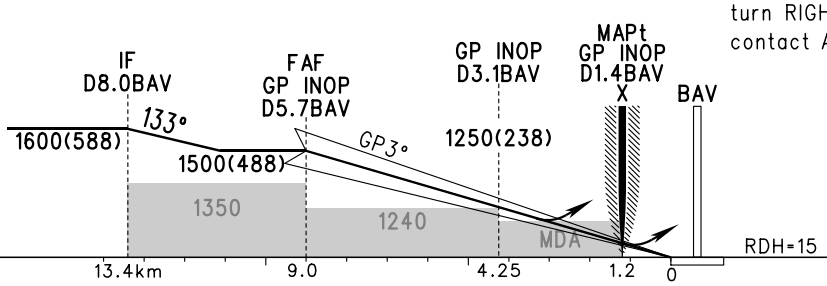


GP INOP	DME (BAV) (NM)	7	6	5	4	3	2	1
	ALT (m)			1438	1341	1244		

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

MISSED APPROACH

Climb straight ahead to 1500, turn RIGHT to BAV at 2100, contact ATC.



	A	B	C	D
ILS/DME DA(H) VIS	1072(60) 800			
GP INOP MDA(H) VIS	1180(168) 2400			
CIRCLING MDA(H) VIS	1310(298) 4900			

FAF-MAPt(GP INOP) 7.8km

GS in kt kmH	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	3:10	2:32	2:06	1:48	1:35	1:24
Rate of descent m/s	2.2	2.7	3.2	3.8	4.3	4.9

Changes: Procedure adjusted.

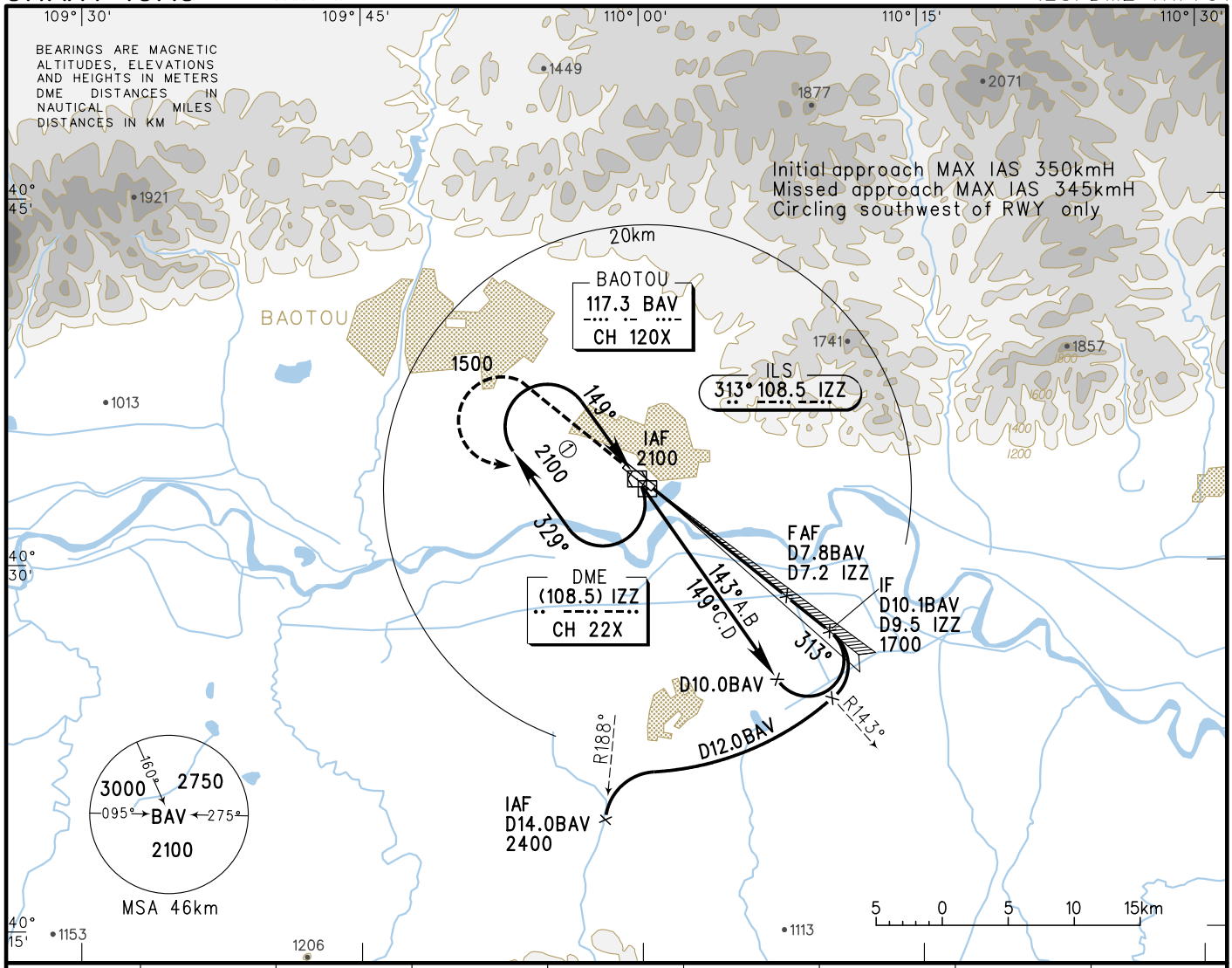
INSTRUMENT APPROACH CHART-ICAO

VAR4° W

AERODROME ELEV 1012
THR RWY31 ELEV 1004.8

TWR 118.2

ZBOW BAOTOU/Donghe
ILS/DME RWY31

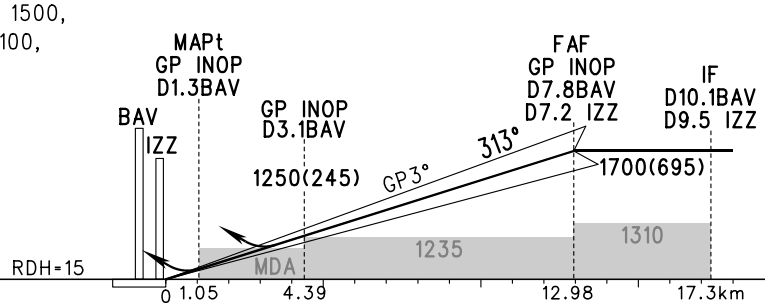


GP INOP	DME (BAV) (NM)	1	2	3	4	5	6	7
	ALT (m)			1238	1335	1432	1529	1626

MISSED APPROACH

Climb straight ahead to 1500, turn LEFT to BAV at 2100, contact ATC.

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



	A	B	C	D
ILS/DME DA(H) VIS	1065(60) 800			1070(65) 800
GP INOP MDA(H) VIS	1175(170) 2400			
CIRCLING MDA(H) VIS	1310(298) 4900			

FAF-MAPt(GP INOP) 11.93km

GS in kt / kmH	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	4:50	3:52	3:13	2:46	2:25	2:09
Rate of descent m/s	2.2	2.7	3.2	3.8	4.3	4.9

Changes: Procedure adjusted.

INSTRUMENT APPROACH CHART-ICAO

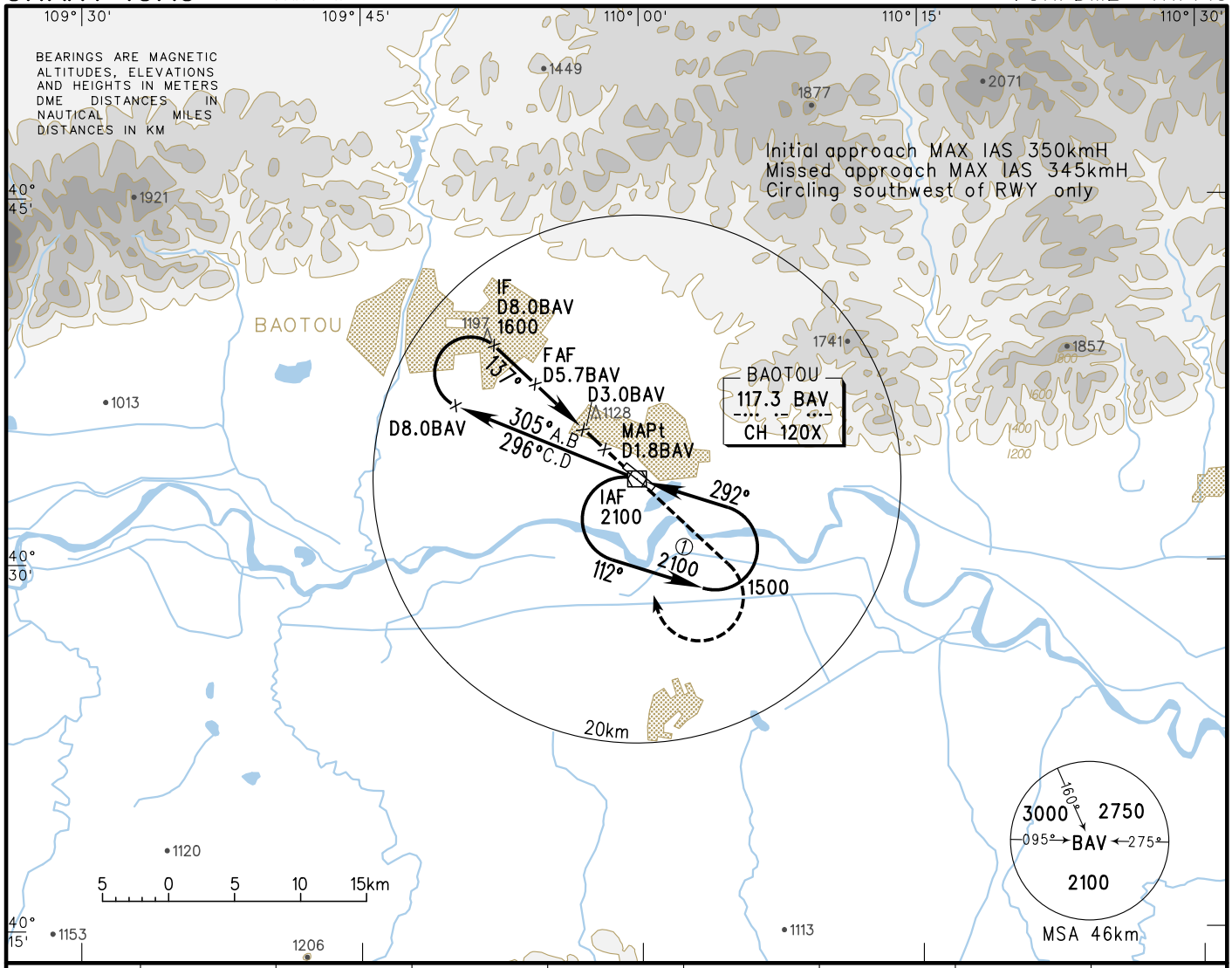
VAR4° W

AERODROME ELEV 1012
THR RWY13 ELEV 1012.2

TWR 118.2

ZBOW BAOTOU/Donghe

VOR/DME RWY13

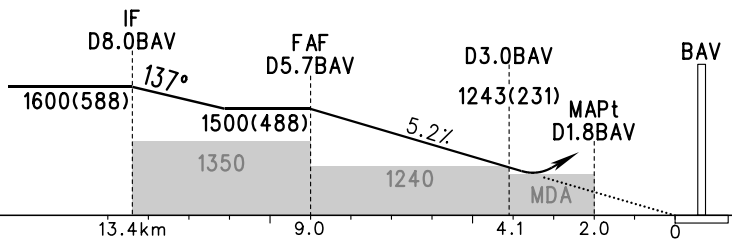


DME (BAV) (NM)	8	7	6	5	4	3	2	1
ALT (m)				1438	1341	1243		

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

MISSED APPROACH

Climb straight ahead to 1500, turn RIGHT to BAV at 2100, contact ATC.



	A	B	C	D
VOR/DME MDA(H) VIS	1203(191) 2800			
CIRCLING MDA(H) VIS	1310(298) 4900			

FAF-MAPt 7.0km						
GS in kt / kmH	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	2:50	2:16	1:53	1:37	1:25	1:16
Rate of descent m/s	2.2	2.7	3.2	3.8	4.3	4.9

Changes: Procedure adjusted.

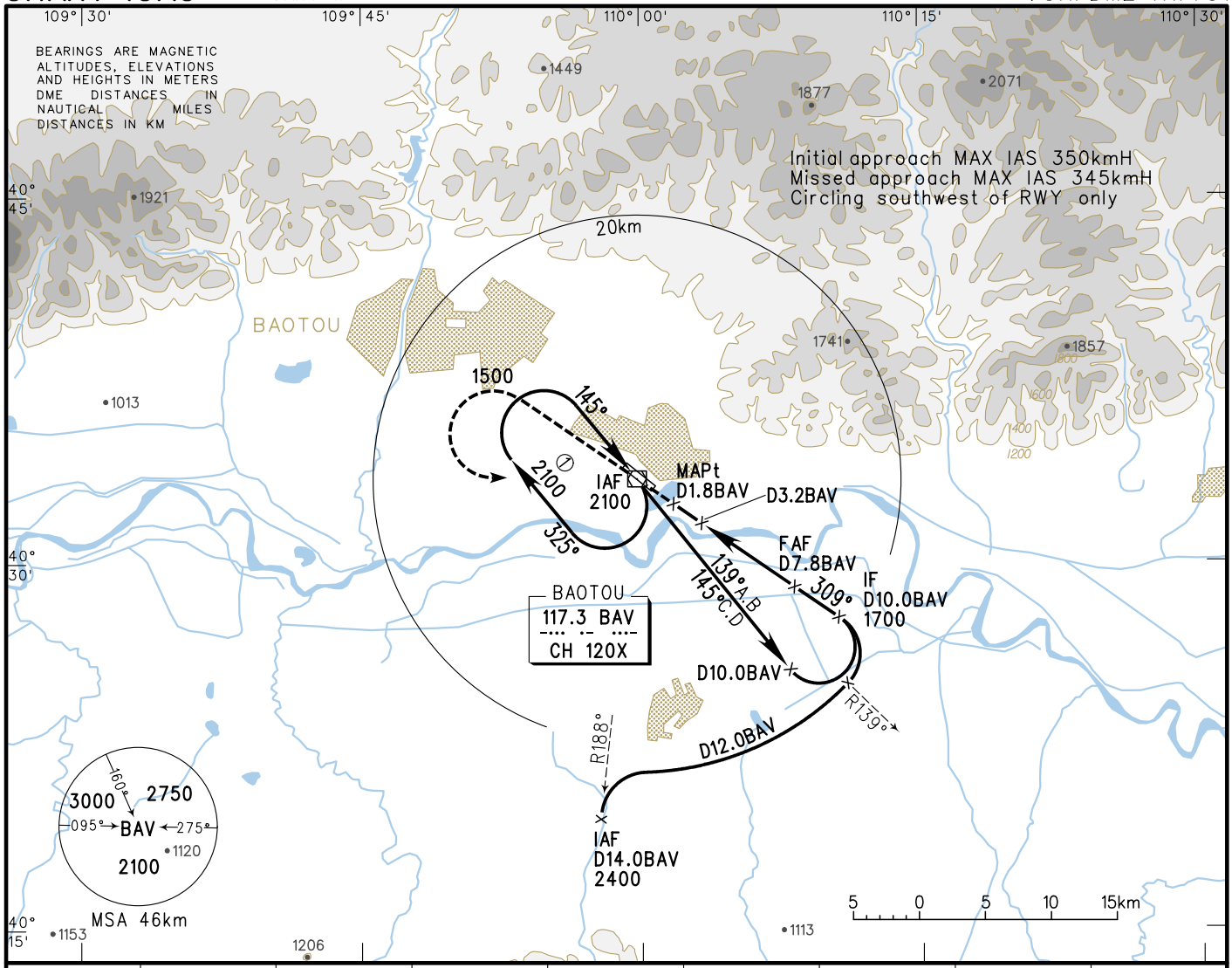
INSTRUMENT APPROACH CHART-ICAO

VAR4° W

AERODROME ELEV 1012
THR RWY31 ELEV 1004.8

TWR 118.2

ZBOW BAOTOU/Donghe
VOR/DME RWY31

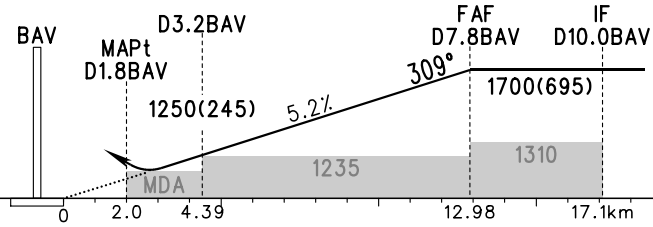


DME (BAV) (NM)	1	2	3	4	5	6	7	8
ALT (m)			1238	1335	1432	1529	1626	

MISSED APPROACH

Climb straight ahead to 1500,
turn LEFT to BAV at 2100,
contact ATC.

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



	A	B	C	D
VOR/DME MDA(H) VIS	1175(170) 2400			
CIRCLING MDA(H) VIS	1310(298) 4900			

FAF-MAPt 10.98km

GS in kt / kmH	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec	4:27	3:33	2:58	2:32	2:13	1:59
Rate of descent m/s	2.2	2.7	3.2	3.8	4.3	4.9

Changes: Procedure adjusted.

INSTRUMENT APPROACH CHART-ICAO

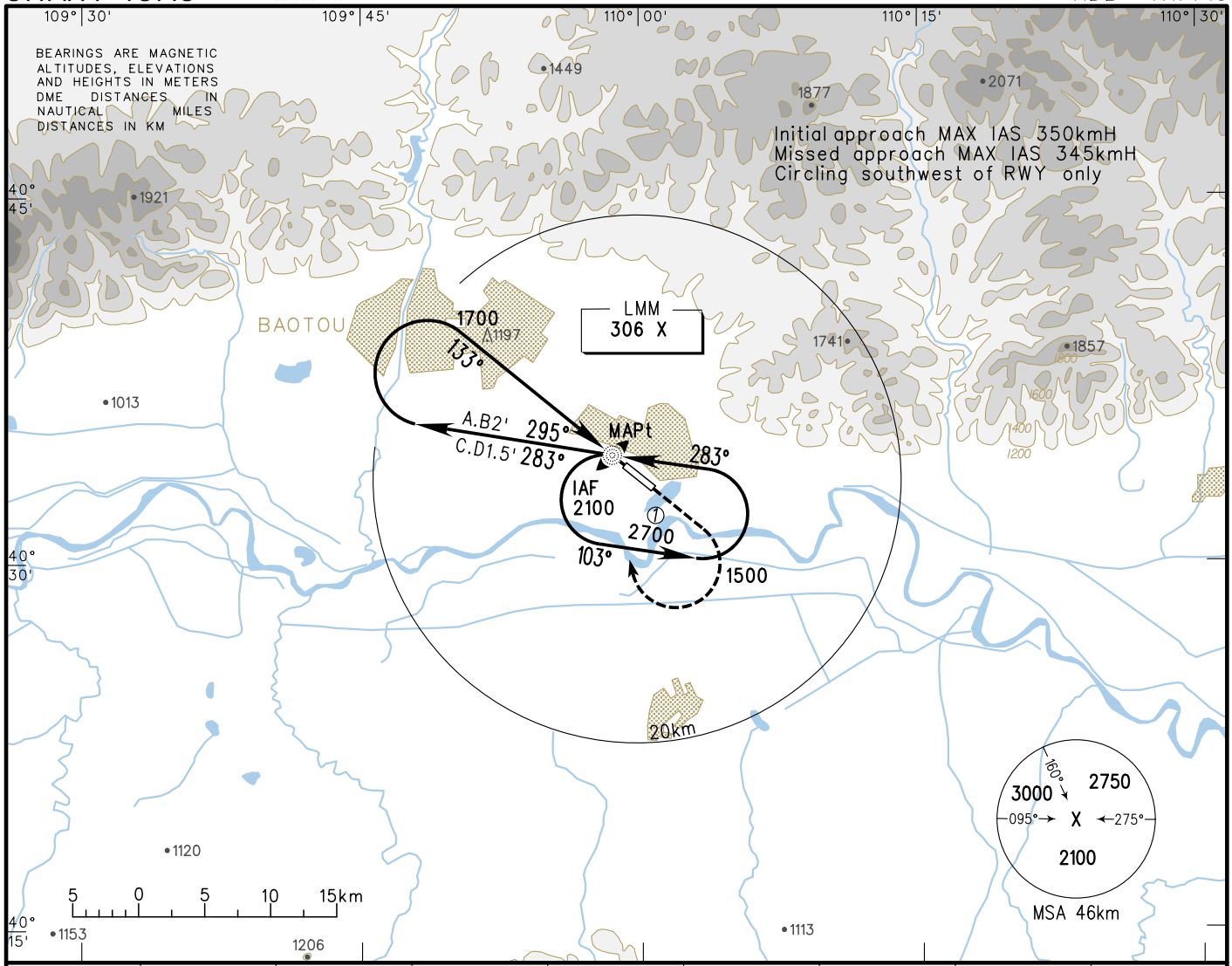
VAR4° W

AERODROME ELEV 1012
THR RWY13 ELEV 1012.2

TWR 118.2

ZBOW BAOTOU/Donghe

NDB RWY13

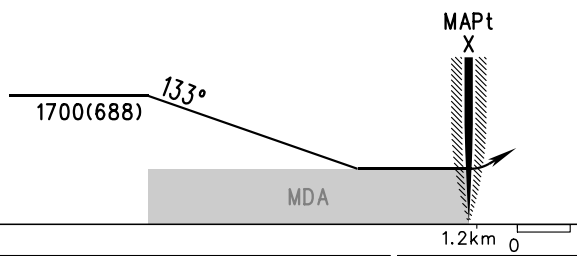


DME ( ) (NM)		7	6	5	4	3	2	1
ALT (m)								

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

MISSED APPROACH

Climb straight ahead to 1500, turn RIGHT to X at 2100, contact ATC.



	A	B	C	D
NDB MDA(H) VIS	1310(298) 4900			
CIRCLING MDA(H) VIS	1310(298) 4900			

GS in kt kmH	80 150	100 185	120 220	140 260	160 295	180 335
Time min:sec						
Rate of descent m/s						

Changes: NIL.