







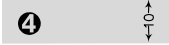
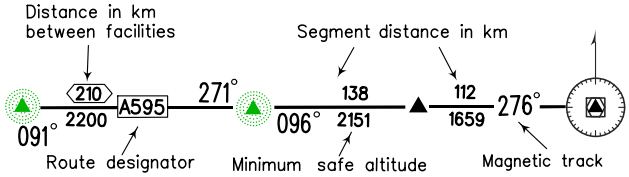




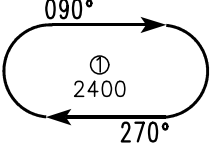


GEN 2. 3 航图符号 CHART SYMBOLS

1. 航图符号 Aeronautical chart symbols

民用机场 Civil aerodrome	
民用直升机场 Civil heliport	
城市名/机场名 机场标高(米) City/Aerodrome elevation(M)	BEIJING/Capital 36
国界线 National border	
飞行情报区 Flight information region	
飞行情报区(未定界) Provisional flight information region	
管制区 Control area (CTA)	
终端区, 进近管制区, 塔台管制区域 TMA, APP control area or TWR control area	
管制区域扇区或机坪通信频率扇区边界 CTA, APP, TWR sector boundary or ramp frequency boundry	
空中走廊 (标有编号、宽度) Air corridor with designator and width	
航路 (标有航路代号、磁航线角、最低安全高度、距离) Air route with designator, magnetic track, MSA and distance	
单向航路 One-way air route	
脱离航线 Diversionary route	
目视航线 VFR route	
该航路不使用此报告点 Report point unusable at this route	
等待航线 (标有航向、出航时间、最低等待高度) Holding pattern with heading, outbound time and MHA	

报告点 Reporting point	<div>▲ 强制 Compulsory</div> <div>△ 要求 On request</div>
定位点 Fix/Turning point	X
VOR, VOR/DME 罗盘 Compass-card for VOR, VOR/DME	
VHF 全向信标台 VHF omnidirectional radio range(VOR)	
测距仪 Distance measuring equipment(DME)	
全向信标台和测距仪在同一位置 Co-located VOR and DME	
无方向性无线电信标台 Non-directional radio beacon(NDB)	
无线电设施通用符号 General symbol for radio facilities	
导航台数据框 NAVAIDS information box	<div> <div>NANKANG</div> <div>117.1 BHY</div> <div>CH 118X</div> <div>N21 35.0E109 26.2</div> <div>341 YI</div> <div>N21 35.6E109 26.3</div> </div> <div> <div>Name</div> <div>VOR frequency and identification</div> <div>Morse code</div> <div>Channel of DME</div> <div>Coordinates</div> <div>NDB frequency and identification</div> </div>
管制区通信频率数据框 CTA information box	<div> <div>KUNMING CONTROL</div> <div>AR01 124.55 (125.35)</div> <div>AR02 134.35 (125.35)</div> <div>HF COMMUNICATIONS</div> <div>10066KHz 0001-1200</div> <div>3491KHz 1201-2400</div> <div>(6556)KHz H24</div> </div> <div> <div>CTA call sign</div> <div>VHF(MHz)</div> <div>HF and operation time</div> <div>Alternate frequency</div> </div>
禁区、危险区、限制区、放油区 Prohibited area, danger area, restricted area or fuel dumping area	
限制空域的编号、限制高度和时间 Prohibited area with number, vertical limits and operation time	<div>ZG(D)156</div> <div>1000m-20000m</div> <div>0030-1400</div> <div> <div>(P) Prohibited</div> <div>(R) Restricted</div> <div>(D) Danger</div> <div>Vertical limits</div> <div>Operation time</div> </div>
区域图范围 Area chart region	




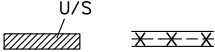
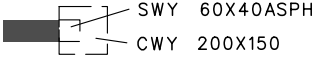

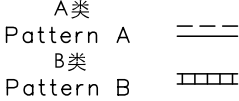





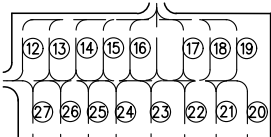



等磁差线 Isogonic line	— - 1° W — -
网格最低安全高度(单位: 10米) Area minimum altitude(in tens of meter)	188
注记编号 Note number	24
城镇 City/town	Nanjing
障碍物 (标有海压高度, 括号内为场压高度) Obstructions with elevation AMSL and AGL in brackets	<div> <div> $\Delta_{180}^{(75)}$ 无灯光 Unlighted </div> <div> $\nabla_{180}^{(75)}$ 有灯光 Lighted </div> </div>
高度 Altitude	<div> <div> $\overline{7500}$ $\overline{7000}$ </div> <div>Altitude 'window'</div> </div> <div> <div> $\overline{7000}$ </div> <div>'at or above' Altitude</div> </div> <div> <div> $\overline{7000}$ </div> <div>'at or below' Altitude</div> </div> <div> <div> $\overline{7000}$ </div> <div>'mandatory' Altitude</div> </div> <div> <div> 7000 </div> <div>'Recommended' procedure altitude</div> </div>
区域导航飞越点 RNAV fly-over waypoint(also used for start point and end point of a controlled turn)	
区域导航旁切点 RNAV fly-by waypoint	

















2. 地理信息符号 Symbols for topographical information

标高点 Spot elevation	• 300
面状水系 Open water	
单线河 Linear drainage	
季节性河流和湖泊 non-perennial stream or lake	
地形等高线和等高值 Contours and contour values	







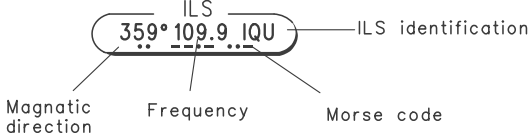




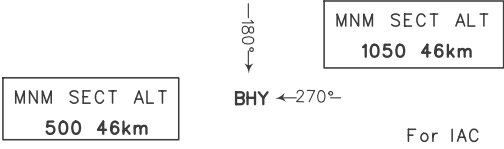
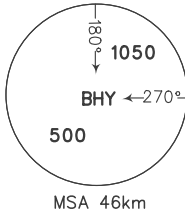
3. 机场平面图和停机位置图符号

Symbols for aerodrome/heliport chart and aircraft parking chart




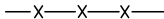

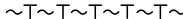





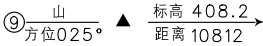
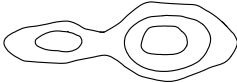
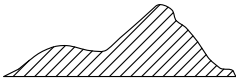
机场内直升机停机点 Helicopter alighting area on an aerodrome	
有铺筑面跑道 Paved runway	
无铺筑面跑道 Unpaved runway	
关闭的跑道、滑行道或其不能使用部分 Closed RWY, TWY or part of them unusable	
停止道、净空道、长宽及铺筑面性质 Stopway and clearway with dimensions	
升降带 Strip with dimensions	
跑道等待位置标志 Runway holding position marking	
中间等待位置 Intermediate holding position	
机动区冲突多发地带 Hot Spot Note: Hot Spot location to be circled.	
跑道入口内移 Displaced threshold	
停机坪和滑行道 Apron and taxiway	
滑行道 Taxiway	
停机位置编号和滑行路线 Stands with identifiers and taxilines	
机场基准点 Aerodrome reference point (ARP)	
跑道视程观测点 Runway visual range observation site	
VOR 检查点 VOR checking point	

障碍物灯 Obstacle light	
航空地面灯 Aeronautical ground light	
测风仪 Surface wind sensors	
着陆方向标 Landing direction indicator	<div><div>有灯光 Lighted</div><div>无灯光 Unlighted</div></div>
跑道灯和滑行道灯 Runway and taxiway light	<div><div>.....</div><div>.....</div></div>
进近灯 Approach light	<div><div><div>PALS CAT II</div><div></div><div>(SFL)</div></div><div><div>PALS CAT I</div><div></div><div>(SFL)</div></div><div><div>SALS</div><div></div><div>(SFL)</div></div></div>
接地地带灯 Touchdown zone light	
精密进近航道指示器 Precision approach path indicator(PAPI)	
瞄准点标志 Aiming point marking	
跑道中心标志 RWY center marking	
跑道入口标志 RWY threshold marking	
接地地带标志 Touchdown zone marking	<div><div></div><div>or</div><div></div></div>
停止排灯 Stop bar	
ATC频率边界 ATC frequency boundary	

4. 进场图、离场图和进近图符号 Additional symbols for STAR, SID and IAC

VHF 全向信标台, 测距仪, 全向信标台和测距仪在同一位置 VOR, DME or VOR/DME co-located	 剖面图 Profile view
无方向性无线电信标台 Non-directional radio beacon(NDB)	 剖面图 Profile view
指点标 Marker	 平面图 Plan view  剖面图 Profile view
航向信标 Localizer	 平面图 Plan view  剖面图 Profile view
ILS 数据框 ILS information box	 ILS identification Magnetic direction Frequency Morse code
复飞航线 Missed approach route	
航线不按比例绘制 Route compressed, not to scale	
径向线 Radial	
方位线 Bearing	
最低扇区高度 Minimum sector altitude	 MNM SECT ALT 500 46km BHY ←270° For IAC
	 1050 BHY ←270° 500 MSA 46km For STAR/SID or IAC

5. 机场障碍物图符号 Symbols for aerodrome obstacle chart

建筑物 Building	
铁路 Railroad	
天线杆 Antenna pole	
铁丝网 Wire netting	
电话线 Telephone line	
输电线 Power transmission line	
城墙 Walls	
树 Trees	
悬崖 Bluff	
山 Mountain	
剖面图上的障碍物及障碍物编号 Obstruction with number in the profile-view	
远方障碍物数据 Isolated distant significant obstacle	
穿透障碍物限制面地形 Limits of penetration of terrain	<div><div><p>平面图 Plan view</p></div><div><p>剖面图 Profile view</p></div></div>