

GEN 2.3 CHART SYMBOLS

SYMBOLS FOR AERODROME CHARTS



01	Hard surface runway		10	Pierced steel plank or steel mesh RWY	
02	Unpaved runway		11	Point light	 
03	Stopway		12	Obstacle light	
04	Taxiway and parking area		13	Landing direction indicator (lighted)	
05	Helicopter alighting area on an aerodrome		14	Landing direction indicator (unlighted)	
06	Aerodrome reference point		15	Stop bar	
07	VOR checkpoint		16	Runway - holding position Note: For the use of these marks, see Annex 14, Volume I, § 5.2.10.	Pattern A 
08	RWY visual range (RVR) observation site				Pattern B 
09	Intermediate holding position		17	Hot spot Note: Hot spot location to be circled.	

SYMBOLS FOR AERODROME OBSTACLE CHARTS - TYPE A, B AND C

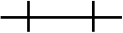
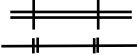
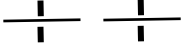
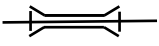
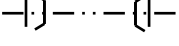
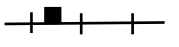
		Plan	Profile			Plan	Profile
18	Tree or shrub		Identification number 	23	Terrain penetrating obstacle plan		
19	Pole, tower, spire, antenna, etc...			24	Escarpment		
20	Building or large structure			25	Stopway SWY		
21	Railroad			26	Clearway CWY		
22	Transmission line or overhead cable						

**CULTURE**


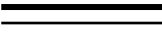
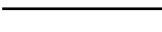

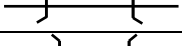
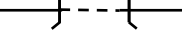
**Built - up areas**

27	City or large town	
28	Town	○
29	Village	○
30	Buildings	




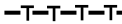



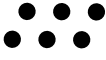



**Railroads**

31	Railroad (single track)	
32	Railroad (two or more tracks)	
33	Railroad (under construction)	
34	Railroad bridge	
35	Railroad tunnel	
36	Railroad station	

**Highways and roads**

37	Dual highway	
38	Primary road	
39	Secondary road	
40	Trail	
41	Road bridge	
42	Road tunnel	

**Miscellaneous**

43	Boundaries (international)	
44	Outer boundaries	
45	Fence	
46	Telegraph or telephone line (when a landmark)	
47	Dam	
48	Ferry	
49	Pipeline	
50	Tank farms	
51	Racetrack or stadium	
52	Ruins	
53	Mosque	

**AERODROME**

54	Civil	Land		59	Civil	Water	
55	Civil	Water		60	Joint civil and military	Land	
56	Military	Land		61	Joint civil and military	water	
57	Emergency aerodrome or aerodrome with no facilities			62	Sheltered anchorage		
58	Aerodrome for use on charts on which aerodrome classification is not required e.g. Enroute Charts			63	Aerodrome for the exclusive use of helicopters		

64	Note: Where required by the function of the chart, the runway pattern of the aerodrome may be shown in lieu of the aerodrome symbol, for example:	
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**AERODROME SYMBOLS FOR APPROACH CHARTS**

65	Aerodromes affecting the traffic pattern on the aerodrome on which the procedure is based.		66	The aerodrome on which the procedure is based.	
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**RADIO NAVIGATION AIDS**

67	Basic radio navigation aid symbol <b>Note:</b> This symbol may be used with or without a box to enclose the data.		73	Compass rose – To be orientated on the chart in accordance with the alignment of the station (normally Magnetic North)					
68	Non-directional beacon <b>NDB</b>		74	Radio marker beacon	<table border="1"> <tr> <td>Elliptical</td> <td></td> </tr> <tr> <td>Bone shape</td> <td></td> </tr> </table>	Elliptical		Bone shape	
Elliptical									
Bone shape									
69	VHF omnidirectional radio range <b>VOR</b>		75	DME distance	<table border="1"> <tr> <td>Distance in NM(Km) to DME</td> <td>→ 15</td> </tr> <tr> <td>Identification of Radio navigation aid</td> <td>→</td> </tr> </table>	Distance in NM(Km) to DME	→ 15	Identification of Radio navigation aid	→
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Identification of Radio navigation aid	→								
70	Distance measuring equipment <b>DME</b>		76	Radial Bearing from and identification of VOR	→ R 090 ALR				
71	Collocated VOR and DME radio navigation aids <b>VOR/DME</b>								
72	Instrument landing system ILS				plan view				

**AIR TRAFFIC SERVICES**

77	Flight information region	<b>FIR</b>		84	Advisory route	<b>ADR</b>	ALTERNATIVE		
78	Aerodrome traffic zone	<b>ATZ</b>		85	Scale-break (on ATS route)		ALTERNATIVE		
79	Control area Airway Controlled route	<b>AWY CTA</b>	ALTERNATIVE		86	Reporting point	REP	Compulsory	
								On request	
80	Uncontrolled turn			87	Change-over point To be superimposed on the appropriate route symbol at right angles to the route.		COP		
81	Advisory airspace	<b>ADA</b>		88	ATS/MET reporting point	<b>MRP</b>	Compulsory		
							On request		
82	Control zone	<b>CTR</b>		89	Final approach fix	<b>FAF</b>			
83	Waypoint	Fly-over WPT (also used for start point and end point of a controlled route)							
		Fly-by WPT							

**AIRSPACE RESTRICTIONS**

90	Restricted airspace (prohibited, restricted or danger area)		91	Common boundary of two areas	
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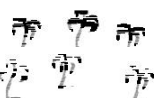

**OBSTACLES**

92	Obstacle		94	Group obstacles	
93	Lighted obstacle		95	Lighted group obstacles	
96	Elevation of top (italic character)			Height above specified datum (straight character between brackets)	










VISUAL AIDS

97	Aeronautical ground light	
98	Marine Light	F ●

TOPOGRAPHY

99	Contours		103	Coniferous trees	
100	Sand dunes		104	Other trees	
101	Sand area		105	Palms	
102	Spot elevation	. 6397	106	Areas not surveyed for contour information or relief data incomplete	

HYDROGRAPHY

107	Shore line (reliable)		113	Salt Lake	
108	Large river (perennial)		114	Salt pans (evaporator)	
109	Small river (perennial)		115	Swamp	
110	Rivers and streams (non-perennial)	Alternative	116	Dry lakebed	Alternative
					
111	Canal		117	Lakes (non-perennial)	Alternative
112	Lakes (perennial)	