

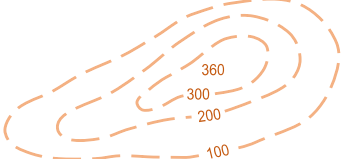


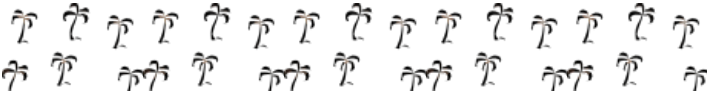










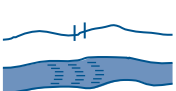



GEN 2.3 CHART SYMBOLS

TOPOGRAPHY

1	Spot elevation			.6397
2	Highest elevation on chart			
				
3	Contours	4	Approximate contours	
				
5	Coniferous trees			
				
6	Other trees			
				
7	Palms			
				

HYDROGRAPHY

8	Shore line (reliable)		14	Lakes (perennial)	
9	Shore line (unreliable)		15	Lakes (non-perennial)	
10	Large river (perennial)			Alternative	
11	Small river (perennial)				
12	Canal		16	Salt Lake	
13	Abandoned canal		17	Rapids	
	<i>Note. — Dry canal having landmark value.</i>		18	Reservoir	









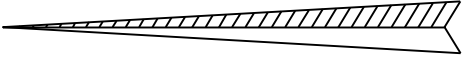

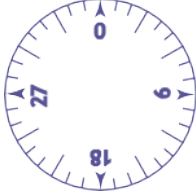
CULTURE

MISCELLANEOUS							
19	Power transmission line						
20	Isogonic line or isogonal						
21	Telegraph or telephone line (When a landmark)						
22	Fence						
MISCELLANEOUS (Cont.)							
23	Pipeline	24	Nuclear power station	25	Oil or gas field	26	Holy shrine / Mosque
HIGHWAYS AND ROADS							
27	Road bridge			28	Road tunnel		
RAILROADS							
29	Railroad (single track)						
30	Railroad (under construction)						
31	Railroad bridge						
BUILT-UP AREAS							
32	Buildings						








AERODROMES















































33	Civil Land	34	Military Land	35	Joint civil and military Land	36	Heliport
<i>Note. — Aerodrome for the exclusive use of helicopters</i>							
AERODROME SYMBOLS FOR APPROACH CHARTS							
37	Aerodromes affecting the traffic pattern on the aerodrome on which the procedure is based						
38	The aerodrome on which the procedure is based						

RADIO NAVIGATION AIDS



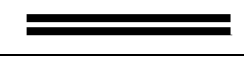





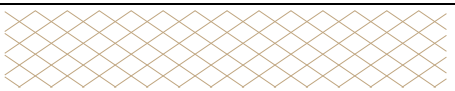












39	Basic radio navigation aid symbol <i>Note. — This symbol may be used with or without a box to enclose the data.</i>		
40	Distance measuring equipment	DME	
41	Non-directional radio beacon		
	NDB 	NDB/DME 	
42	VHF omnidirectional radio range	VOR	
43	Collocated VOR and DME radio navigation aids	VOR/DME	
44	UHF tactical air navigation aid	TACAN	
45	Collocated VOR and TACAN radio navigation aids	VORTAC	
46	Instrument landing system	ILS	PLAN VIEW 
			FRONT COURSE (Profile) 
47	Compass rose To be orientated on the chart in accordance with the alignment of the station (normally Magnetic North)		

AIR TRAFFIC SERVICES

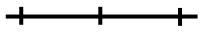

48	Flight information region	FIR	
49	Aerodrome traffic zone	ATZ	
50	Air defence identification zone	ADIZ	
	Control area	CTA	
51	Control zone	CTR	
52	Military traffic zone	MTZ	
53	Final approach fix	FAF	

54	ATS/MET reporting point								
	MRP								
Compulsory 				On request 					
Significant Point Functionality									
55	Basic Symbols with functionality	Reporting Fly-By /Fly-Over		Significant point depiction For conventional navigation		Significant point depiction for area navigation			
				On request (NA)	Compulsory (NA)	On request fly-by	Compulsory fly-by	On request flyover	Compulsory flyover
		VFR reporting point							
		Intersection INT							
		VOR/DME							
		VOR							
		TACAN							
		NDB							
Waypoint WPT		Not used	Not used						
56	Scale-break			57	Radio communication sector boundary				
	Alternative					58	Terminal control area		
									

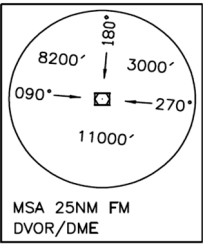
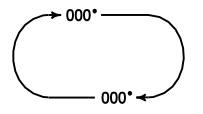




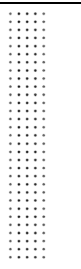
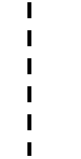
SYMBOLS FOR AERODROME/HELIPORT CHARTS

64	Hard surface runway		
65	Stopway SWY		
66	Hook barrier		
67	Net barrier		
68	Runway visual range (RVR) observation site	69	VOR check-point
			
70	Aerodrome reference point ARP		
71	Taxiways and parking areas	72	Under construction
			
73	Point light	74	Radar antenna
			
75	Landing direction indicator		
	Lighted 	Unlighted 	
76	Wind direction indicator		
	Lighted 	Unlighted 	
77	Runway-holding position		
	Pattern A 	Pattern B 	
<i>Note.— For application, see Annex 14, Volume I, 5.2.10.</i>			
78	Intermediate holding position <i>Note.— For application, see Annex 14, Volume I, 5.2.11.</i>		
79	Hot spot <i>Note.— Hot spot location to be circled.</i>		
80	Stop bar		
81	Unusable of movement area		

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

82	Railroad	
83	Transmission line or overhead cable	





ADDITIONAL SYMBOLS FOR USE ON PAPER AND ELECTRONIC CHARTS

84	Minimum sector altitude	MSA	
85	Holding pattern		
86	Missed approach track		
87	Direct arrival		
88	Basic procedure		
Profile			
89	Runway		
90	Radio navigation aid (type of aid and its use in the procedure to be annotated on top of the symbol)		
91	DME fix (distance from DME and the fix use in the procedure to be annotated on top of the symbol)		

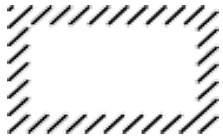
VISUAL AIDS

92	Aeronautical ground light	
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OBSTACLES

	Obstacle		Lighted obstacle		Group obstacles		Lighted group obstacles
59		60		61		62	

AIRSPACE CLASSIFICATIONS

	Restricted airspace (prohibited, restricted or danger area)	Common boundary of two areas
63	 <p data-bbox="276 495 1326 551"><i>Note.— The angle and density of rulings may be varied according to scale and the size, shape and orientation of the area.</i></p>	