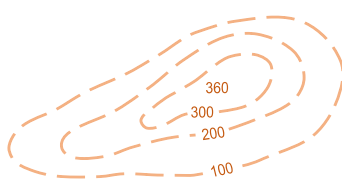
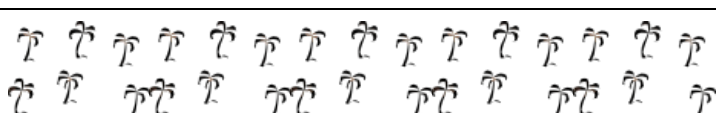
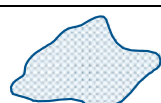
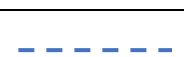


GEN 2.3 CHART SYMBOLS

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)		16	Salt Lake	
12	Canal				
13	Abandoned canal		17	Rapids	
	<i>Note. — Dry canal having landmark value.</i>		18	Reservoir	 <i>Reservoir</i>

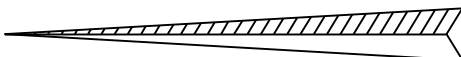
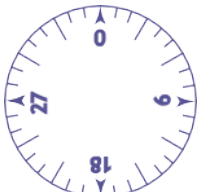
CULTURE

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	
								

OBSTACLES

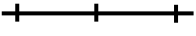
59	Obstacle	60	Lighted obstacle	61	Group obstacles	62	Lighted group obstacles

SYMBOLS FOR AERODROME/HELIPORT CHARTS

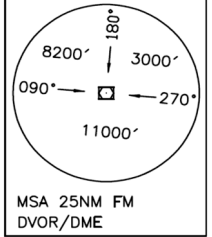
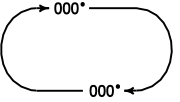
64	Hard surface runway			
65	Stopway		SWY	
66	Hook barrier			
67	Net barrier			
68	Runway visual range (RVR) observation site		69	VOR check-point
70	Aerodrome reference point			ARP
71	Taxiways and parking areas		72	Under construction
73	Point light		74	Radar antenna
75	Landing direction indicator			
	Lighted		Unlighted	
76	Wind direction indicator			
	Lighted		Unlighted	
77	Runway-holding position			
	Pattern A		Pattern B	
Note.— For application, see Annex 14, Volume I, 5.2.10.				

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	Runway Guard Light	
82	Unusable of movement area	

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

83	Railroad	
84	Transmission line or overhead cable	

ADDITIONAL SYMBOLS FOR USE ON PAPER AND ELECTRONIC CHARTS

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

VISUAL AIDS

94	Aeronautical ground light	
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AIRSPACE CLASSIFICATIONS

95	Restricted airspace (prohibited, restricted or danger area)	Common boundary of two areas
		
<i>Note.— The angle and density of rulings may be varied according to scale and the size, shape and orientation of the area.</i>		