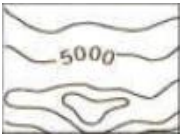
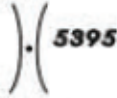

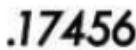






## GEN 2.3 CHART SYMBOLS

The aeronautical symbols used on charts contained in the AIP and other aeronautical charts series listed in GEN 3.2 are shown as follow. They correspond in every series to the internationally agreed symbols contained in ICAO Annex 4. Aeronautical Charts. Ninth Edition and the Aeronautical Charts Manual DOC 8679-AN/889. A number of symbols, not yet internationally recognized, are also included.




### 1 Topography



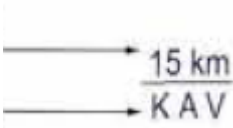
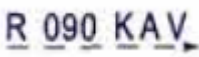






1.	Contours		
2.	Mountain pass		
3.	Highest elevation on chart		
		Alternative	
4.	Spot elevation		

### 2 Aerodromes

5.	Civil Land		
6.	Abandoned or closed aerodrome		
7.	Heliport <i>Note.- Aerodrome for the exclusive use of helicopters</i>		

### 3 Radio navigation Aids

8.	Basic Radio navigation aid symbol <i>Note:-This symbol may be used with or without a box to enclose the data.</i>		
9.	Non-directional radio beacon NDB		
10.	VHF omnidirectional radio range VOR		

11.	Distance measuring equipment	DME 
12.	Collocated VOR and DME radio navigation aids	VOR/DME 
13.	DME distance	<p>Distance in Kilometers (nautical miles) to DME</p> <p>Identification of radio navigation aid</p> 
14.	VOR radial	<p>Radial Bearing from, and identification of, VOR</p> 
15.	Instrument landing system	<p>ILS</p> <p>PLAN VIEW </p> <p>Electronic </p> <p>PROFILE </p> <p>Electronic </p>
16.	Radio marker beacon	<p>Elliptical </p> <p>Bone Shape </p> <p><i>Note:- Marker beacon may be shown by outline or stipple or both</i></p>

**4 AIR TRAFFIC SERVICE**

17.	Flight information region	FIR		
18.	Aerodrome traffic zone	ATZ		
19.	Control area Airway Controlled route	CTA AWY	Alternative	
20.	Control zone	CTR		
21.	Scale-break (on ATS route)		Alternative	

Significant Point Functionality								
			Significant point depiction for conventional navigation		Significant depiction for area navigation			
REPORTING FLY-BY/FLY OVER			On request (NA)	Compulsory (NA)	On request fly-by	Compulsory fly-by	On request flyover	Compulsory flyover
22.	Basic Symbols With Functionally	VFR reporting point INT						
		VDR/DME						
		NDB						
		Waypoint WPT	Not used	Not used				
23.	Final approach Fix		FAF					

24.	<b>Procedure altitude /flight levels</b>	Altitude/flight level “window”	<u>17 000</u> <u>10 000</u>	<u>FL 220</u> <u>10 000</u>
		“At or above” altitude/flight level	<u>7 000</u>	<u>FL 70</u>
		“At or below” altitude/flight level	<u>5 000</u>	<u>FL 50</u>
		“Mandatory” altitude/flight level	<u>3 000</u>	<u>FL 30</u>
		“Recommended” altitude/flight level	5 000	FL 50
		“Expected”altitude/flight level	Expect 5 000	Expect FL 50



**5 AIRSPACE CLASSIFICATION**

25.	Airspace Classification	
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Aeronautical data in abbreviated form to be used in association with airspace classification symbols

26.	Alternative	<p>TMA DONLON 119.1 <b>C</b> 200m AGL - FL 245</p> <p>Type Name or call sign Radio frequency(ies) Airspace classification Vertical limits</p>



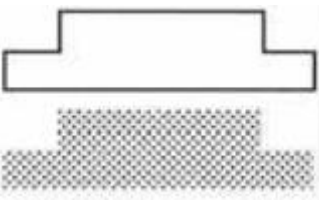






## 6 AIRSPACE RESTRICTIONS



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

## 7 OBSTACLES

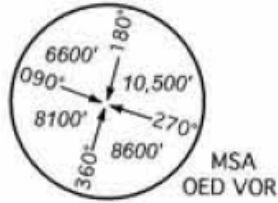


29.	obstacle	
30.	Lighted obstacle	
31.	Group obstacle	
32.	Lighted group obstacles	

## 8 SYMBOLS FOR AERODROME/HELIPORT CHARTS





33.	Hard Surface runway	
34.	Stopway SWY	
35.	Taxiway and Parking areas	
36.	Helicopter aighting area on an aerodrom	
37.	Aerodrom reference point ARP	
38.	VOR Check- point	
39.	Runway Visual range (RVR) observation site	
40.	Obstacle Light	
41.	Stop bar	

42.	Runway Holding Position	Pattern A	
		Pattern B	

**9 Additional symbols for use on paper and electronic charts**

PLAN VIEW		Electronic
43.	Minimum sector attitude  MSA <i>Note-This symbol may be modified to reflect Particular sector shape.</i>	
44.	Holding Pattern	
45.	Missed Approach track	

**PROFILE**

46.	Runway	
47.	Radio Marker beacon (type of beacon to be annotated on top of the symbol)	
48.	Collocated radio navigation aid and marker beacon (type of aid to be annotated on top of the symbol)	
49.	DME Ex (distance from DME and the fix used in the procedure to be annotated on top of the symbol)	
50.	Collocated DME fix and Marker beacon (distance from DME and the type of beacon to be annotated on top of the symbol)	