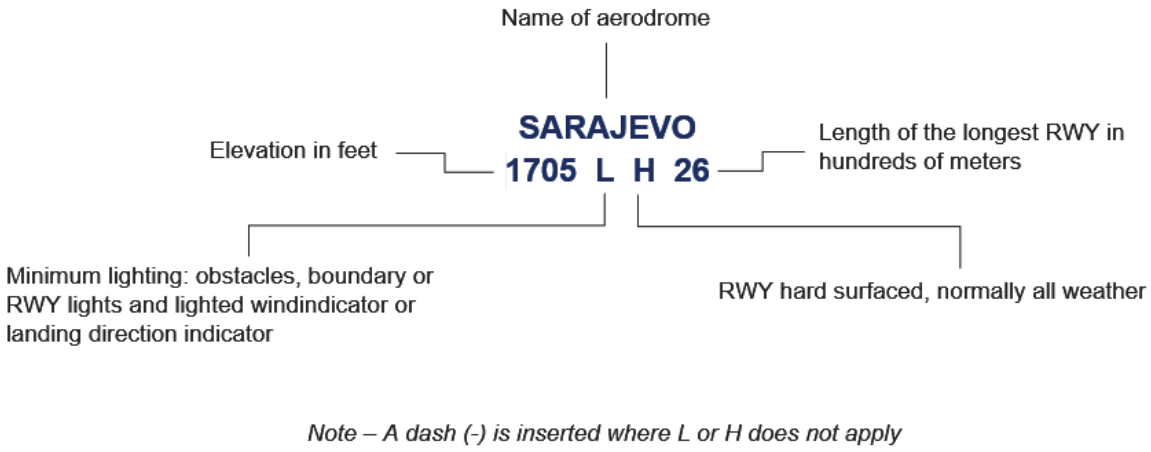
GEN 2.3 CHART SYMBOLS

1. AERODROMES

1.1 CHARTS OTHER THAN APPROACH CHARTS

Airport	
Joint civil and military airport	
Airfield	
Heliport	
Abandoned or closed aerodrome	

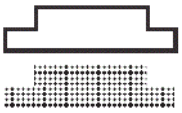


Note – A dash (-) is inserted where L or H does not apply

1.2 Approach charts

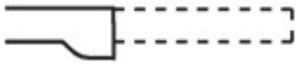
The aerodrome on which the flight procedure is based	
Aerodrome affecting the traffic pattern on the aerodrome on which the procedure is based	

2. AERODROME CHARTS

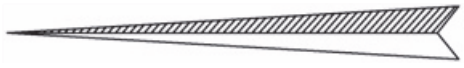
Hard surface runway	
Unpaved runway	
Stopway	
Taxiways and parking areas	
Helicopter alighting area on aerodromes	
Aerodrome reference point (ARP)	
Runway visual range (RVR) observation site (Scatter Meter)	
Transmissometer (RVR)	
Ceilometer	
Point light	
Obstacle light	
Aeronautical ground light or Flashing sequence light	
Threshold lights	
PAPI	

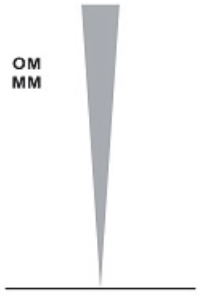
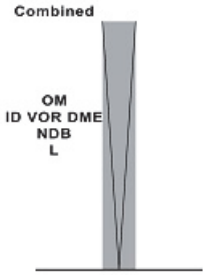
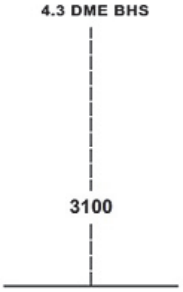
ILS Localizer	
Collocated GPand DME facility	
VHF Direction finder	
Displaced threshold	
Runway-holding positions Pattern A Pattern B Note: For application, see Annex 14, Volume I, paragraph 5.2.10	
Flood lights pole	
Landing direction indicator • lighted • unlighted	 
Wind cone or Wind direction indicator • lighted • unlighted	 
Anemometer	
Taxiway designation	
Control tower	
Fence	
Runway guard lights	

3. AERODROME OBSTACLE CHARTS (TYPE A)

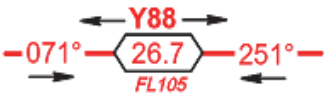
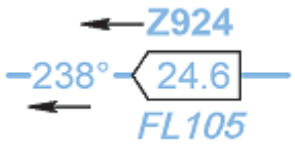
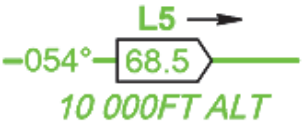
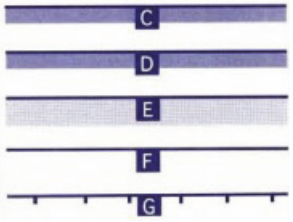
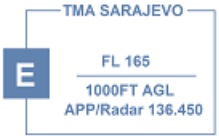
	Plan	Profile
Tree or Shrub		
Pole, Tower, Antenna, etc.		
Buildings or large structure		
Transmission line or Overhead cable		
Railroad		
Identification number		
Terrain penetrating obstacle plane		
Wooded area penetrating obstacle plane		
Escarpment		
Stopway		
Clearway		

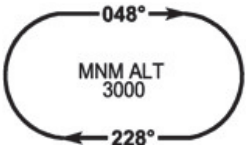
4. RADIO NAVIGATION AIDS

Basic radio navigation aid symbol	
Non-directional radio beacon (NDB)	
VHF omnidirectional radio range (VOR)	
Distance measuring equipment (DME)	
Collocated VOR and DME facility	
Radio marker beacon	
Compass rose orientated on the chart to the MAG North	
Instrument landing system	Plan  Profile

Profiles for radio navigation aids	
	
	
Profile view of DME distance	
Profile of a step-down fix with crossing altitude	

5. AIR TRAFFIC SERVICES

Flight Information Region (FIR)	
RNAV route BI-DIRECTIONAL • Route orientation • ATS route designator • Distance between reporting points (in NM) • Lower limit	
RNAV route UNI DIRECTIONAL, EVEN FL • Route orientation • ATS route designator • Distance between reporting points (in NM) • Lower limit	
RNAV route UNI DIRECTIONAL, ODD FL • Route orientation • ATS route designator • Distance between reporting points (in NM) • Lower limit	
Special instrument go-around procedure	
Line of Responsibility / ATS provision boundary	
State boundary	
Airspace classifications	
Terminal control area (TMA) • Name of the airspace • Airspace classification • Vertical limits • Frequency	
Control zone (CTR) • Name of the airspace • Airspace classification • Vertical limits • Frequency	

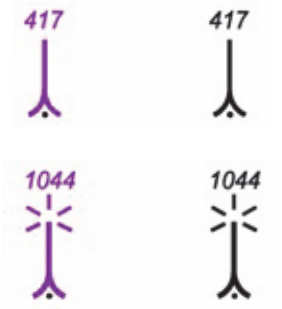
Aerodrome Traffic Zone (ATZ)	
Scale-break on route	
Compulsory reporting point	
Reporting point on request	
Change-over point (COP)	
Holding pattern • Magnetic track • Minimum altitude in FT MSL	
Way-point (WPT)	Fly-over WPT  Fly-by WPT 
Final approach fix (FAF)	
Restricted airspace Active only as notified by NOTAM Identification of area Vertical limits • P = Prohibited • R = Restricted • D = Danger	
Temporary reserved and segregated airspace Active only as notified by NAUP/NUUP -Identification of area -Nationality letter • TS = Temporary segregated • TR = Temporary reserved -Vertical limits	
Common boundary of two areas	

Recommended VFR Routes	
Paragliding and hang gliding activity area	
Glider activity area	
Area with parachute activity	
Aero tow operations	
Winch-launching	

5.1 Altitudes/flight levels

Altitude / flight level “window”	7 000 / 4 000 FL 135 / 10 000
“At or above” altitude / flight level	7 000 FL 110
“At or below” altitude / flight level	5 000 FL 110
“Mandatory” altitude / flight level	5 000 FL 110
Minimum flight altitude / flight level	5 000 FL 110
“Expected” altitude	Expect 5 000 Expect FL 110

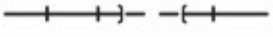
6. OBSTACLES

Obstacles • unlighted / lighted • Elevation on top in FT AMSL	
Group of obstacles	
Lighted group obstacles	
Obstacles having a height of the order of 100 M AGL • unlighted / lighted • Elevation on top in FT AMSL	
Group of obstacles having a height of the order of 100 M AGL • lighted • Elevation on top in FT AMSL	
Obstacles with no elevation data	
Obstacles • unlighted / lighted • Elevation on top in FT AMSL (of doubtful accuracy)	

Obstacles having a height of the order of 100 M AGL Elevation on top in FT AMSL (of doubtful accuracy)	

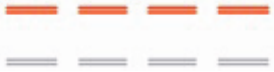
7. MISCELLANEOUS

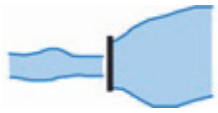
Contours	
Approximate contours	
Bluff, cliff or escarpment	
Mountain pass with elevation in FT AMSL	
Highest spot elevation on chart in FT AMSL	
Spot elevation in FT AMSL	
Spot elevation (of doubtful accuracy)	
Area minimum altitude (AMA)	
Shore line	
Large river	
River, small river, brooks	

Lake	
Swamp	
Aqueduct	
Spring, water hole	
Reservoir	
City, town	
Town, village	
Buildings	
Railroad (single track)	
Railroad (two or more tracks)	
Railroad bridge	
Railroad tunnel	
Railroad station	

Cable way	

7.1 Higway and roads

Dual highway	
Highway	
Dual highway under construction	
Primary road	
Secondary road	
Road under construction	
Road bridge	
Road tunnel	
Transmission line or Overhead cable	
Isogonic line	
State boundary	

Dam	
Hippodrome or stadium	
Ruins	
Fort	
Church	
Mosque	
Wind turbine - unlighted and lighted	
Wind turbines - minor group and group in major area, lighted	