

## GEN 2.3 CHART SYMBOLS

## 1. GENERAL SYMBOLS

Figure 1. Aerodromes

	Aerodrome, runway pattern
	Civil aerodrome
	Military aerodrome
	Abandoned or closed aerodrome
	Heliport, aerodrome for the exclusive use of helicopters

Figure 2. 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 radio navigation aids (VOR/DME)
	Compass rose
	VOR radial (degree); DME distance (NM)
	Radio marker beacon
	Instrument landing system (ILS) course (Instrument Approach Chart)
<p>Profiles for radio navigation aids (Instrument Approach Chart)</p> <p>ILS with course, descent gradient, angle</p> <p>Distances between the beacons (NM)</p> <p>RWY</p>	
<p>Navaid labels</p> <p>Navaid name</p> <p>Type of navaid, frequency</p> <p>Identification</p> <p>Geographical coordinates</p> <p>Type of navaid, frequency, identification</p> <p>Geographical coordinates</p> <p>DME antenna elevation</p>	

Figure 3. Air traffic services

	Flight information region (FIR)
	Terminal control area (TMA/MTMA), Control area (CTA)
	Control zone (CTR/MCTR)
	Free route airspace (FRA)
	Traffic information zone (TIZ)
	Radio and Transponder mandatory zone (RMZ, TMZ)
 LHSA2A 4500 1000 AGL LHSG100 4500 3500 LHSD LHGD 6500 GND	Aerial sporting and recreational activities (Aerobatics area, Glider area; Drop zone) with designator and vertical limits
 LHB10 1500 AGL GND	Bird migration and areas with sensitive fauna with designator and vertical limits
 ABONY (I) N47 16 15 E019 58 45	Significant point (Compulsory; On request) with name-codes, geographical coordinates and FRA relevance ( <i>Enroute Chart - ICAO</i> )
	Final approach fix (FAF), Final approach point (FAP)
 3000 3000 3000 4000 2000	Altitudes levels ("At or above"; "At or below"; "At"; "Window")
	Waypoint (On request fly-by; Compulsory fly-by; On request flyover)
 ULZAK2T 13.7 027°	Terminal route segment - instrument with designator, length (NM), course
	Scale-break on route; Missed approach track
 180° 6000 090°	Holding pattern with altitude and course

Figure 4. Air restrictions

 LHP1 FL195 GND	Prohibited area with designator and vertical limits (Where lower limit is not indicated: GND)
 LHR1 3500 GND	Restricted area with designator and vertical limits (Where lower limit is not indicated: GND)
 LHD17 3800 GND	Danger area with designator and vertical limits (Where lower limit is not indicated: GND)
 LHTRA16 FL115 GND	Temporary reserved airspace with designator and vertical limits ( <i>Enroute Chart - ICAO; Visual Approach Charts - ICAO</i> )
 LHNPZ1 FL660 9500	Non-standard planning zone with designator and vertical limits

Figure 5. Obstacles

	Obstacle; Group obstacles; Lighted obstacle; Lighted group obstacles
	Exceptionally high obstacle; Exceptionally high obstacle - lighted
	Wind turbine unlighted and lighted; Wind turbines in minor group; Wind turbines group in major area
	Elevation (height) of top in ft; spot elevation in ft

## 2. MISCELLANEOUS

Figure 6. Symbols for En-route Charts

	Minimum off-route altitude (Grid MORA) - example: 5200 ft
	Isogonic line; Hydrography

Figure 7. Symbols for SID/STAR/Instrument Approach Charts

	Minimum sector altitude (MSA); Hypsometry
	City or large town; Hydrography; Contours

Figure 8. Symbols for Aerodrome/Heliport Charts and Aircraft Parking/Docking Charts

	Movement area (asphalt, concrete)
	Runway designation; Stopway (SWY)
	Strip, Runway end safety area (RESA)
	Taxiway sign and segment boundary
	Aerodrome boundary; Aerodrome reference point (ARP)
	VOR check-point; Runway visual range (RVR) observation site
	Runway-holding position (Pattern A, B); Intermediate holding position
	Stop bar; Sign-board; No entry; Wind direction indicator
	Other aerodrome equipment; Meteorological equipment
	Point lights (see details on charts)
	Taxiway centre line; Aircraft stand taxilane centre line
	Number of aircraft stand
	Boundary of the air traffic control service
	Aerodrome control tower; Building; Fence
	Service road, public road; Important dirt-road; Railway tracks

Figure 9. Symbols for Obstacle Charts - Type A

	Area suitable for aircraft movement (asphalt, concrete, grass)
	Stopway (SWY); Strip
	Take-off flight path; Take-off flight path area
	Tree or shrub; Pole, tower, spire, antenna, etc.; Identification number
	Built-up area; Forest area, etc.

Figure 10. Symbols for Precision Approach Terrain Chart

	Building or large structure; Pole, antenna, etc.; Approach lights
	Centreline; Centreline profile; Contours
	Deviation at least $\pm 3$ m from centreline profile

Figure 11. Symbols for Visual Approach Charts

	Built-up area
<b>SZEGED</b> <b>MAKÓ</b> Domaszék SZŐREG	City; Town; Village; Part of town, suburb
	Forest; River, canal, stream; Lake; Swamp; Contours
	Railway (single track); Railway (two or more track)
	Electric railway (single track); Railway (two or more track)
	Narrow-gauge railway; Side track, siding
	Railway station; Railway stop
	Motorway; Dual carriageway with motorway character; Road number
	Primary road; Secondary road, Other road
	Prominent transmission line; Church

Figure 12. Symbols for Aeronautical Chart - ICAO 1:500 000

Aeronautical informations and culture, hydrography and topography symbols see details on chart.