

GEN 2.3 CHART SYMBOLS

2.3.1 Aerodromes



Airport *



Airfield (private) *



Military Aerodrome *

*) with alignment of the longest paved surface Runway



Civil and Military Airport, joint *



Runway Pattern of Airport, with Name and Designator



Heliport

2.3.2 Radio Navigation Aids



Basic Radio Facility (e.g., VDF, LOC, GP)



Non-directional Radio Beacon (NDB)



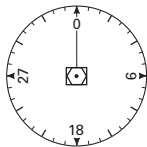
Distance Measuring Equipment (DME)



VHF Omnidirectional Radio Range (VOR)



Collocated VOR and DME Radio Navigation Aid (VOR/DME)



VOR/DME with Compass Rose

Example for a VOR/DME Tag: *Ident, Type, Frequency*

Ground Based Augmentation System (GBAS)



Instrument Landing System (ILS) collocated with DME

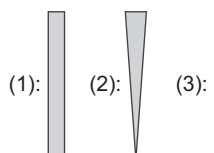
Landing System's Course:



Front Course (ILS LOC, GLS) in Chart View



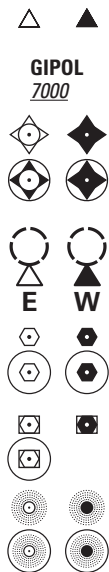
Glide Path (ILS GP, GLS) in Profile View



Profile View of

- (1) DME,
- (2) VOR/DME or NDB, and
- (3) DME Fix.

2.3.3 Significant Points



On Request and Compulsory, Intersection

Example for Waypoint Tag: Designator and MCA

On Request and Compulsory, flyby Waypoint (RNAV)

On Request and Compulsory, flyover Waypoint (RNAV)

On Request and Compulsory, VFR Reporting Point with Ident

On Request and Compulsory, VOR (flyby RNAV)

On Request and Compulsory, flyover VOR (RNAV)

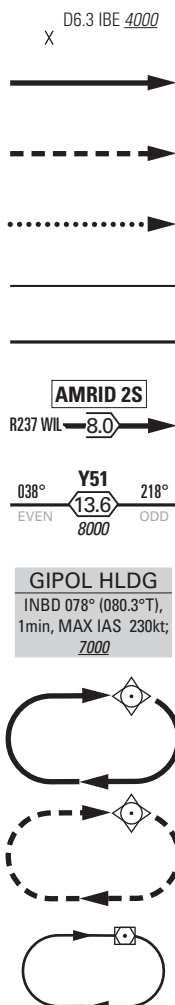
On Request and Compulsory, VOR/DME (flyby RNAV)

On Request and Compulsory, flyover VOR/DME (RNAV)

On Request and Compulsory, NDB (flyby RNAV)

On Request and Compulsory, flyover NDB (RNAV)

2.3.4 Routes, Procedures and Holdings



Fix or Turning Point, possibly with Altitude Change or Restriction

ATS Route, STAR, SID, or Instrument Approach Procedure (IAP)

SID or STAR: Routing by ATC

IAC: Missed Approach Procedure (MAP)

IAC: Additional Procedure Track

Enroute Chart: RNAV Route

Enroute Chart: Non-RNAV Route

Example for a SID or STAR Procedure: *Designator, Radial and Distance*

Enroute Chart Example for an ATS Route: *Route Designator, Track, Distance, Direction of Cruising Level, and MEA*

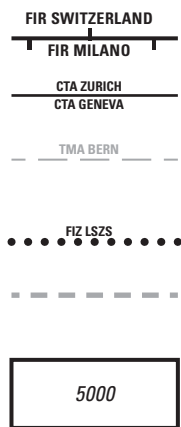
Example for a Holding Description: *Identification, Fix or Waypoint; Inbound Track (True Track), Outbound Time, Indicated Airspeed, Minimum Holding Altitude*

Graphical Depiction of a Holding

Graphical Depiction of an Overload Holding (on ATC REQ only)

Graphical Depiction of a Race Track

2.3.5 Air Traffic Services



- Flight Information Region (FIR)
- Control Area (CTA)
- Terminal Control Area (TMA) or Control Zone (CTR) or Radio Mandatory Zone (RMZ), generalised
- Flight Information Zone (FIZ)
- Index Chart: Separation Line “Mittelland/ Jura-Alpen”
- ATC SMA Chart: Minimum Vectoring Altitude Sector with Minimum Altitude

2.3.6 Procedure Altitudes and Flight Levels

<u>17000</u>	<u>FL220</u>
<u>10000</u>	<u>10000</u>
<u>7000</u>	<u>FL70</u>
<u>5000</u>	<u>FL50</u>
<u>3000</u>	<u>FL30</u>
5000	FL50

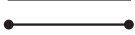
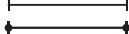
- Altitude/ Flight Level Vertical Limits
- “At or above” Altitude/ Flight Level
- “At or below” Altitude/ Flight Level
- “At” Altitude/ Flight Level
- “Recommended” Procedure Altitude/ Flight Level

2.3.7 Airspace Restrictions



- Prohibited (P), Restricted (R) or Danger Area (D)
- Example for Restricted Area Tag: *Designator and Restrictions*
- Glider Sector
- Temporary Reserved Area (LST...) with Designator and Name

2.3.8 Obstacles

	Single Obstacle and Single Obstacle lighted
	Group of Obstacles and Group of Obstacles lighted
	Exceptionally high Obstacle (500 ft AGL or more)
	Wind Turbine and Wind Turbine lighted
	Elevation of top in <i>ft AMSL</i>
	Spot Elevation and Highest Elevation on Chart in <i>ft AMSL</i>
	Transmission lines, unmarked and marked
	Line obstruction (cable, cableway, etc.), unmarked and marked
	Altitudes shown for transmission lines and cables in <i>ft AGL</i>
	Mountain Pass with Spot Elevation in <i>ft AMSL</i>

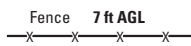
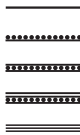
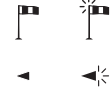
2.3.9 Topography

	Country Border
	SID, STAR, Area: Lake and River IAC: Lake and River
	IAC: Hypsometry, Tinted Layers

2.3.10 Aerodrome and Landing Charts

	Runway Threshold and Ident, ASPH or CONC,
	Displaced Runway Threshold and Ident, ASPH or CONC,
	Temporary Displaced Threshold, Ident, Unpaved
	Runway Centreline
	Runway Crossline, Dimension in Meter
	Grass Runway, Dimension
	Glider Grass Runway
	Closed Runway
	Aiming Point on Runway
	Touchdown Zone on Runway
	Aerodrome Reference Point
	Touchdown
	Chevron Marking: Unsuitable Pre-Threshold Area
	Stopway
	Clearway
	Net Barrier, Arresting Cable
	Runway Turn Pad, Arrow Turn Pad
	Acceleration Strip
	Taxiway with Ident
	Run-up/ Holding Point
	Barrier
	Stop Bar
	Apron Guidance Line
	Apron Parking Positions
	Safety Line
	Material Area
	Apron/ ATS Boundary
	Construction Area
	Caution Zone with Reference to AIP Chapter

Continuing Aerodrome and Landing Charts (I)

	Grass Taxiway
	Grass Parking
	Grass Parking Positions
	Fence
	Fence, lighted
	Airport Boundary
	Air Taxi
	Guideline for Taxiing
	Gate Position
	Intermediate Holding Position
	Runway Guard Light
	Stop Bars CAT I, LGT CAT I H24, LGT CAT II-III, LGT CAT II-III H24, and LGT CAT I-II-III H24
	Air Traffic Service
	Runway Visual Range Measuring System
	Model Flight Box
	Visual Approach Slope Indicator Systems (VASIS): Precision Approach Path Indicator (PAPI), Abbreviated Precision Approach Path Indicator (APAPI), and MIL PAPI
	
	
	
	Wind Direction Indicator, Military, unlighted and lighted
	Landing Direction Indicator (LDI), unlighted and lighted
	Obstacle Light
	Blast Fence, Noise Fence
	Parachute Jumping Exercise (PJE)
	Hospital

Continuing Aerodrome and Landing Charts (II)

Aircraft A380



Jet



Glider Flying



Winch-Launching



Glider Towing



Helicopter (HEL)



HEL Parking



HEL Aiming Point



HEL TLOF-Pad



HEL FATO



HEL FATO-TLOF



Hangar

Buildings and Description of Significant Infrastructure



Highway with Direction

Road
Small Road
Field Path
TrailRailway
Railway Tunnel
Railway Station

Lake



River with Wall, and Indication of Direction



Small River and Indication of Direction



Swamp

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