

## 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)



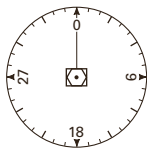
Distance Measuring Equipment (DME)



VHF Omnidirectional Radio Range (VOR)



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



VOR/DME with Compass Rose

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

Ground Based Augmentation System (GBAS)

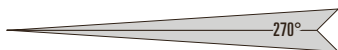


Instrument Landing System (ILS) collocated with DME

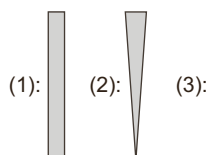
Landing System's Course:



Front Course (ILS LOC, GLS) in Chart View



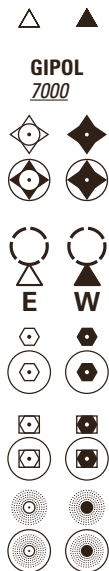
Glide Path (ILS GP, GLS) in Profile View



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)

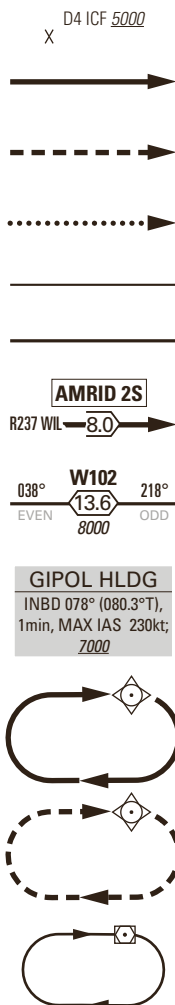
On Request and Compulsory, VOR/DME (flyby RNAV)

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*

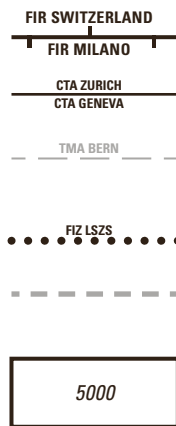
Example for a Holding Description: *Identification, Fix or Waypoint; Inbound Track (True Track), Outbound Time, Indicated Airspeed, Minimum Holding Altitude*

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

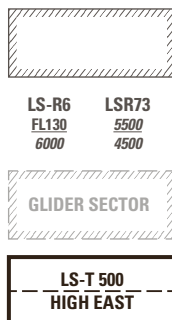
"At or above" Altitude/ Flight Level

"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 (LS-T...) 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>                                                                         |
|  |                                                                                   | VFR Area Chart: High Voltage Power Line                                                                                                 |
|  |                                                                                   | Aerial Cableways, Cables;<br>VFR Area Chart: 300 ft AGL or more are indicated, and<br>only Heights of 500 ft AGL or more are indicated. |
|  |                                                                                   | Line Obstruction marked by yellow or orange-red Spheres                                                                                 |
|  |                                                                                   | Mountain Pass with Spot Elevation in <i>ft AMSL</i>                                                                                     |

### 2.3.9 Topography

|                                                                                     |                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------|
|  | Country Border                                         |
|  | SID, STAR, Area: Lake and River<br>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



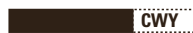
Touchdown



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



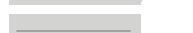
Stop Bar



Apron Guidance Line



Apron Parking Positions



Safety Line



Material Area



Apron/ ATS Boundary

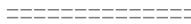
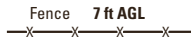
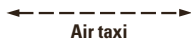


Construction Area

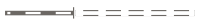


Caution Zone with Reference to AIP Chapter

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,<br>LGT CAT I H24,<br>LGT CAT II-III,<br>LGT CAT II-III H24, and<br>LGT CAT I-II-III H24                                                                |
|  | Air Traffic Service                                                                                                                                                     |
|  | Runway Visual Range Measuring System                                                                                                                                    |
|  | Model Flight Box                                                                                                                                                        |
|  | Visual Approach Slope Indicator Systems (VASIS):<br>Precision Approach Path Indicator (PAPI),<br>Abbreviated Precision Approach Path Indicator (APAPI),<br>and MIL PAPI |
|  |                                                                                                                                                                         |
|  |                                                                                                                                                                         |
|  | Wind Direction Indicator (WDI), unlighted and lighted                                                                                                                   |
|  | 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                                           |
|   | Buildings and Description of Significant Infrastructure |
|  | Highway with Direction                                  |
|  | Road                                                    |
|  | Small Road                                              |
|  | Field Path                                              |
|  | Trail                                                   |
|  | Railway                                                 |
|  | Railway Tunnel                                          |
|  | Railway Station                                         |
|  | Lake                                                    |
|  | River with Wall, and Indication of Direction            |
|  | Small River and Indication of Direction                 |
|  | Swamp                                                   |

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