GEN 2.3 CHART SYMBOLS

2.3.1 Aerodromes

Airport *

Airfield (private) *

*) *with alignment of the longest paved surface Runway*

Military Aerodrome *

Civil and Military Airport, joint *

Runway Pattern of Airport, with Name and Designator

Heliport

2.3.2 Radio Navigation Aids

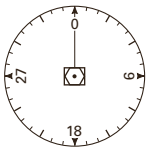
Basic Radio Facility (e.g., VDF, LOC, GP)

Non-directional Radio Beacon (NDB)

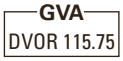
Distance Measuring Equipment (DME)

VHF Omnidirectional Radio Range (VOR)

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



VOR/DME with Compass Rose



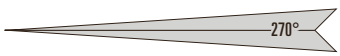
Example for an VOR/DME Tag: *Ident, Type, Frequency*

Ground Based Augmentation System (GBAS)

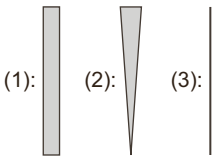
Instrument Landing System (ILS) colocated with DME

Landing System's Course:

Front Course (ILS LOC, GLS) in Chart View



Glide Path (ILS GP, GLS) in Profile View



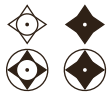
Profile View of

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

2.3.3 Significant Points

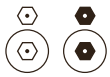
On Request and Compulsory, Intersection

Example for Waypoint Tag: Designator and *MCA*

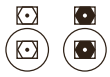


On Request and Compulsory, flyby Waypoint (RNAV)
On Request and Compulsory, flyover Waypoint (RNAV)

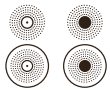
On Request and Compulsory, VFR Reporting Point with Ident



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

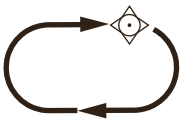
Enroute Chart: RNAV Route

Enroute Chart: Non-RNAV Route

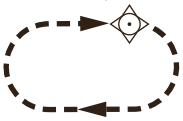
Example for a SID or STAR Procedure: *Designator*, *Radial and Distance*

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

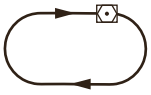
Example for a Holding Description: *Identification, Fix or Waypoint; Inbound Track (True Track), Outbound Time, Indicated Airspeed, Minimum Holding Altitude*



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"*

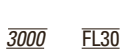
ATC SMA Chart: Minimum Vectoring Altitude Sector with Minimum Altitude

2.3.6 Procedure Altitudes and Flight Levels

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 *ft AMSL*

Spot Elevation and Highest Elevation on Chart in *ft AMSL*

VFR Area Chart: High Voltage Power Line

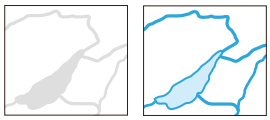
Aerial Cableways, Cables;
VFR Area Chart: 300 ft AGL or more are indicated, and only Heights of 500 ft AGL or more are indicated.

Line Obstruction marked by yellow or orange-red Spheres

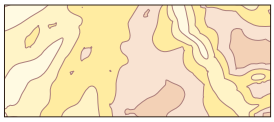
Mountain Pass with Spot Elevation in *ft AMSL*

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 PRKG	Grass Parking
	Grass Parking Positions
Fence 7 ft AGL	Fence
	Fence, lighted
AIRPORT BDRY	Airport Boundary
Air taxi	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
C	Air Traffic Service
A B RVR	Runway Visual Range Measuring System
Model Flight Box	Model Flight Box
PAPI 3.0°	Visual Approach Slope Indicator Systems (VASIS): Precision Approach Path Indicator (PAPI), Abbreviated Precision Approach Path Indicator (APAPI), and MIL PAPI
APAPI 3.0° MIL PAPI 4°	
	Wind Direction Indicator (WDI), unlighted and lighted
	Wind Direction Indicator, Military, unlighted and lighted
T	Landing Direction Indicator (LDI), unlighted and lighted
	Obstacle Light
	Blast Fence, Noise Fence
	Parachute Jumping Exercise (PJE)
H	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

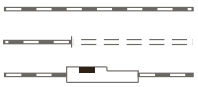
HEL FATO

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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