ICAO GANP PORTAL

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WELCOME TO THE GLOBAL AIR NAVIGATION PLAN PORTAL

The GANP Portal is a web portal where all aviation stakeholders will be able to find the most relevant information related to the GANP

ICAO UNITING AVIATION

NATIONAL PLANNING

NATIONAL AIR NAVIGATION PLAN

Flight Plan

- Developing a NANP
  - Process
- Content of the NANP
- Conclusion

DEVELOPING A NANP

- Global and Regional Context
  - GANP
    - Ensure global harmonization
  - ANPs
    - Ensure the provision of minimum services for international civil aviation, agreed levels of performance and global interoperability

DEVELOPING A NANP

- National context
  - Link to National Development Plans
    - Enable access to funding of sustainable aviation development topics
  - Link to other deliverables
    - Maintenance plans (for instance of systems), investment plans, training plans, NASP, SSP, SMS, budget control, etc.

DEVELOPING A NANP

- Collaboration
  - Identification of all stakeholders
    - CBA
    - Deliverables synchronization
  - Committee with roles and responsibilities
    - Process for maintenance and approval of the plan
- Available resources
  - Electronic vs. paper-based

DEVELOPING A NANP

- Multilayer structure
  - Strategy vs. technical content
- Scope
  - Table of content
- Know your system: analyze, do not jump into solutions
- Drive the plan by performance
  - GANP Performance framework
  - AN-SPA
    (https://www4.icao.int/ganpportal/ANSPA/Reports)

DEVELOPING A NANP

- Choose the optimum solution
  - Consider feasibility
    - Safety assessment, environmental assessment, HF assessment, CBA
  - Consider dependencies
    - Maximize benefits
- Deployment plans

CONTENT

- STRUCTURE
  - Reflect the Regional Air Navigation Plans
    - Vol I, Vol II and Vol III
- Tailored to National context

CONTENT

- Introduction
  - Context and scope
  - Overview of the content/structure of the plan
  - State commitment to the plan and to its resourcing
  - Link to the Strategic level (if any and it is not part of the document)
  - Relationship with other State plans
  - Objective and purpose
  - Roles and responsibilities
  - Management and amendment of the plan
  - Abbreviations/glossary (if needed)
  - Others (if needed)

CONTENT

- Vol I, Part I - General
  - Geographical scope
  - Traffic Forecast
  - Specific regional priorities
- Vol I, Part II - Aerodromes
  - Introduction
  - Aerodromes
    - Domestic/international?
    - Military?
    - Heliports?
    - Current traffic/ Traffic forecast?

CONTENT

- Vol I, Part III - CNS
  - Introduction
  - Communications
    - AFS
    - ATN
    - AMS
    - Air-ground communications for ATS
    - Air-ground data link communications
  - Navigation
    - PBN
    - GBAS/SBAS
  - Surveillance
  - Frequency Management
- Vol I, Part IV - ATM
  - Introduction
  - FIRS
    - List
    - Charts
  - ATS Routes and organized track structures
  - ICARD Global Database
  - Aircraft Identification –SSR Code Assignments
  - Flexible use of airspace
  - RVSM

CONTENT

- Vol I, Part V - METEOROLOGY
  - Introduction
  - World area forecast systems and meteorological offices
  - Volcanic Ash
  - Tropical Cyclone
- Vol I, Part VI - SAR
  - Introduction
  - Search and Rescue Regions
    - List
    - Charts
- Vol I, Part VII - AIM
  - Introduction
  - Areas of responsibility for the provision of aeronautical information

CONTENT

- Vol II, Part I - General
  - Homogeneous ATM areas
  - Major traffic flows/routing areas
- Vol II, Part II - Aerodromes
  - Introduction
  - Aerodromes
    - Name of the city and aerodrome, preceded by the location indicator.
    - Designation of the aerodrome
    - Required rescue and firefighting service (RFF)
    - Aerodrome reference code (RC)
    - Runway Designation numbers
    - Visual aids for low visibility aerodrome operations
    - Non-precision approach aids - Type of each of the runways
    - Reduced runway declared distances for take-off
    - Aerodrome capacity management
    - Aerodrome capacity assessment and requirement
    - Closure of regular aerodromes
    - Scheduling aerodrome maintenance
    - Other

CONTENT

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CONTENT

- Vol II, Part IV - ATM
  - Introduction
  - Optimization of traffic flows
    - ATS Routes
      - Designator type
      - Significant points
  - Aircraft Identification-SSR Code Management
- Vol II, Part V - METEOROLOGY
  - Introduction
  - MWO
    - Name
    - ICAO Location indicator
  - Meteorological observations and reports
  - Forecast
  - Requirements for and use of communications
  -
- Vol II, Part VI - SAR
  - Introduction
  - Rescue Coordination Centres (RCCs) and Rescue Sub-centres (RSCs)
    - List
    - Charts
- Vol II, Part VII - AIM
  - Introduction
  - NOTAM Office (NOF),
  - Designated State for AIP production
  - Designated State for aeronautical charts (MAP) production
  - Designated State for the provision of the authoritative Integrated Aeronautical Information Database (IAID)
  - Designated State for the provision of the pre-flight information services
  - Responsibility for sheets of the World Aeronautical Chart (WAC) — ICAO 1: 1 000 000 or Aeronautical Chart — ICAO 1: 500 000 (as an alternative to the World Aeronautical Chart — ICAO 1:1 000 000)

CONTENT

- Vol III, Part I - General
  - Planning method
- Vol III, Part II – Performance management planning and ANS implementation (PMP)
  - STEP 1: DEFINE SCOPE, CONTEXT AND SET AMBITIONS
  - STEP 2: KNOW YOUR SYSTEM – SWOT ANALYSIS AND REGIONAL OBJECTIVES
  - STEP 3: QUANTIFY OBJECTIVES, SET TARGETS AND CALCULATE NEEDS
  - STEP 4: SELECT SOLUTIONS
  - STEP 5: IMPLEMENT SOLUTIONS
  - STEP 6: ASSESS ACHIEVEMENTS

IMPORTANT

Don’t wait for perfection before you start. Start somewhere so you can have something tangible you can work to perfect.

Simon Sinek

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