



EUROPEAN AVIATION SAFETY AGENCY  
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE  
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT

# ICAO Flight Data Analysis Programme Manual

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## ➤ **Background**

- The 1<sup>st</sup> edition of ICAO Doc 9859 (Safety management Manual) contained guidance material on FDAP in chapter 16.3
- This guidance was removed from the 2<sup>nd</sup> edition of Doc 9859
- The ICAO Air Navigation Commission and the ICAO Secretariat therefore tasked the OPS Panel to
  - draft a new FDAP Manual on the basis of the existing guidance material (Phase 1)
  - further develop the FDAP Manual (Phase 2)



# Current status

## ➤ **Phase 1 - concluded**

- Doc 10000 Flight data analysis programme manual (FDAPM) published as unedited version on ICAO-net

## ➤ **Key content changes**

- Description of the relationship between FDAP and SMS
- New text on indications of an effective safety culture framework for an FDAP
- More flexible provisions on implementing FDAP



## Phase 2

- **Phase 2 – on-going**

- Enhance the FDAPM with further developments based on best practices

- **Proposed working areas for phase 2**

- Area 1: Good practice examples of FDAPs
- Area 2: State oversight and promotion
- Area 3: Maintenance of the Manual



## Phase 2

- **Area 1: Good practice examples of FDAPs**
  - Collect good practice examples from the industry
  - This may involve among others:
    - Airline operation
    - Business aviation operations
    - Cargo operations
    - Helicopter operations
    - Large and small organisations
    - Framework for measurements and data collection
    - Standardisation of processes
    - Examples with and without worker's council representation



## Phase 2

### ➤ **Area 2: State oversight and promotion**

- Propose a new chapter on State oversight and promotion
- Propose good practice examples and achieve a representative coverage of regions, e.g.
  - Europe
  - Russia
  - North America
  - South America
  - Middle East
  - Asia
  - Australia



## Phase 2

- **Area 3: Maintenance of the manual**
  - Review the structure of the Manual
  - Review currency and completeness in particular to:
    - relationship between FDAP, SMS and occurrence reporting
    - just culture
  - Provide references to regulatory material of States where appropriate



## ➤ **Resource needs**

- Representatives from air operators
- Representatives from aviation authorities outside of Europe





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Flight Standards Department  
Any Questions?  
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