

## eFLIP.Wiz@rd A Total Publication System



eFLIP.wiz@rd

### NATO Flight Information Publication

The NATO Military Agency for Standardisation (MAS) has established Standardisation Agreements (STANAG) which require all member nations to publish a Flight Information Publication (FLIP) and to exchange FLIP data. ICAO Annex 15 is applicable to ensure that the integrity classifications of all aeronautical data are achieved.

The eFLIP.Wiz@rd has been developed to assist in automating a quality system and to support the user in the workflow process of receiving, approving, and publishing aeronautical data for FLIP

and charts. The FLIP is published in the NATO STANAG 3970 format, taking into account the CENOR FLIP Product Specification.

### Human Machine Interface

The eFLIP.Wiz@rd consists of a user friendly windows based interface for data entry, approval, and FLIP generation. The windows menu structure is designed to ensure the proper workflow of all data through the entire FLIP process, from raw data reception to FLIP generation.

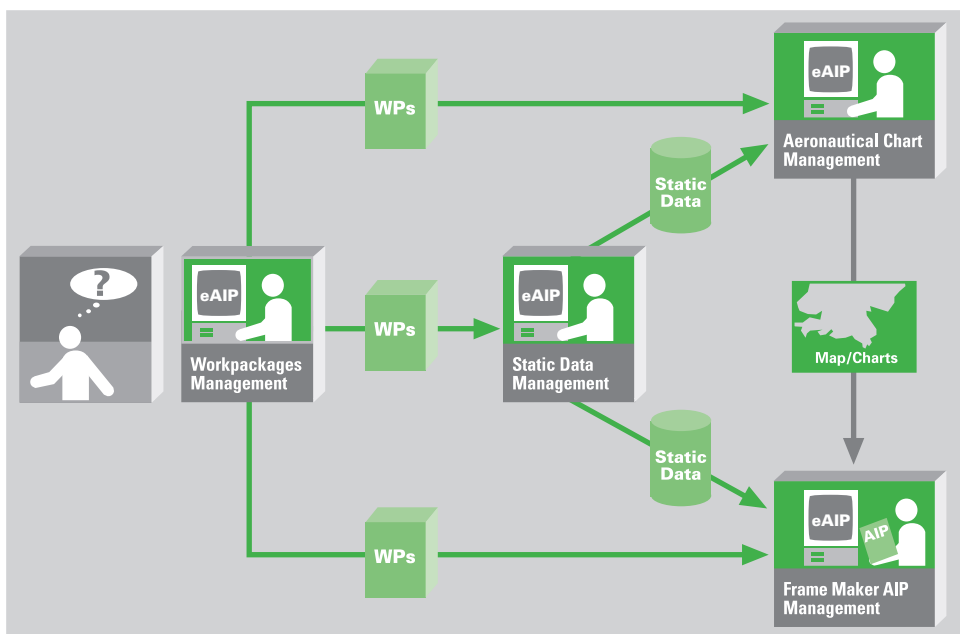
### eFLIP.Wiz@rd Features

The eFLIP.Wiz@rd provides the user with integrated quality process management for the publishing of FLIP and FLIP Amendments. The following are the features of the system:

- Workflow Management
- Data Management
- Change Management
- Document Generation
- Document Management

### Workflow Management

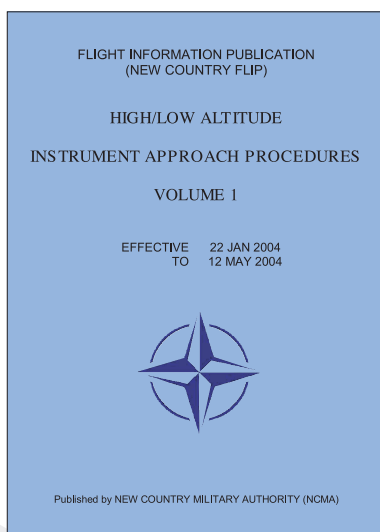
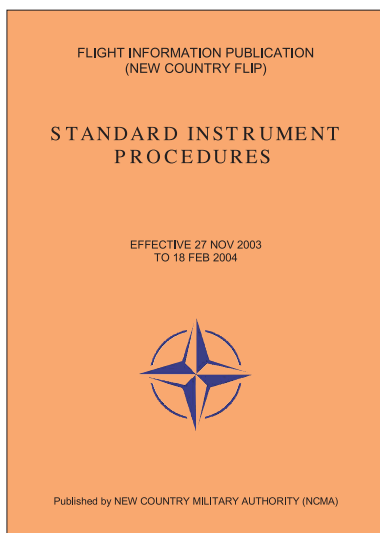
The eFLIP.Wiz@rd workflow ensures that the raw data received is assessed, approved and stored in a pre-determined sequence and that all actions are legally recorded. It provides tracing over the whole workflow for all actions are taken.



## Data Management

Data Management consists of seven steps. These steps are derived from the workflow and consist of raw data storage, initial work package creation, specific work package creation, static data base update, distribution of relevant work packages to the map & charting system, work package approval and finally document publication.

The eFLIP.Wiz@rd automates these steps and ensures the correct sequence of work is maintained.



An important part of data management is the ability to store several versions of data based upon effective dates and times. eFLIP.Wiz@rd introduces this with temporal data versioning. This ensures that all document publications are correct data at the date/time of publication and application.

## Change Management

The eFLIP.Wiz@rd automates the collection of updated data to existing work packages. The storage, linkage, and approval of all update data is part of this process.

## NOTAM Management

The eFLIP.Wiz@rd provides links to all NOTAM in the NOTAM database which affect FLIP contents if required.

## Document Generation

The final step in the process is the generation of documents. The eFLIP.Wiz@rd automatically generates these documents based on the approved working packages for each publication date.

The eFLIP.Wiz@rd generates a new FLIP amendment by comparing published and new data. The following document formats are supported:

- Standard Generalised Markup Language (SGML)
- Extensible Markup Language (XML)
- Hypertext Markup Language (HTML)
- Adobe Portable Document Format (PDF)

## Mapping & Charting Integration

The eFLIP.Wiz@rd can be combined with the eMAP.Wiz@rd for integrated NATO STANAG 3970 and ICAO Annex 4 chart publication based on the same aeronautical data.

## ICAO AIP Integration

The eFLIP.Wiz@rd can be combined with the eAIP.Wiz@rd for nations who publish a military AIP based on ICAO Annex 15 in addition to a FLIP. The AIP publication is based on the same aeronautical data.

## Document Management

The eFLIP.Wiz@rd allows the user to manage three documents for each FLIP amendment. These three documents are:

- Current FLIP
- FLIP Amendment
- FLIP with the Amendment Incorporated

## System Requirements

The minimum system requirements are:

- Server  
MS SQL 7.0  
Oracle 9i
- Client  
Adobe FrameMaker +  
SGML 5.5.6 or 7.0  
Adobe Acrobat 3.0 or higher
- Operating System  
Client: MS Windows 2000, XP  
Server: all Oracle 9i supported platforms
- Hardware  
Client: Pentium III, 128 MB RAM, 400 MB disc space  
Server: Pentium III 880 MHz, 256 MB RAM, 20 GB disc space

## Conformance Statement

The eFLIP.Wiz@rd is designed to assist the implementation of NATO STANAG 3970 and 7005 by taking advantage of the ICAO Annex 15 recommended Quality System in military Aeronautical Information Publication Departments of NATO member nations.

The implementation of the requirements of the Eurocontrol Static Data Procedures (SDP) is ensured. The database conforms to AIXM Edition 3.3.