



ASBU ELEMENTS

FICE-B2/1

Functional Description

Enablers

Deployment Applicability

Performance Impact Assessment

FICE

FICE-B2/1

Planning Service

Information

Main Purpose

To allow aircraft operator to obtain constraint feedback while informing the relevant service providers of their intentions.

New Capabilities

Ability to determine relevant constraints applicable to a flight and feed them back to the operator. In this way, service providers will benefit from the availability of preliminary flight plans for resource planning (e.g. ATFM).

A service provider that supports Preliminary Flight Plans and provides feedback should also provide a “re-evaluation” capability, i.e. updates to the feedback that reflect changes to constraints after the initial feedback is provided.

Description

The FF-ICE Planning Service permits an operator to submit a Preliminary Flight plan prior to filing an ATS Flight plan (Filed Flight Plan) for evaluation by the service provider. The flight plan represents the intention of the operator and is used by the service provider for resource planning. Service providers indicate the acceptability of the flight plan to the operator, and provide feedback regarding constraints that will be applicable to the flight. It allows for a collaborative, iterative planning process to optimize the plan and reduce any surprises after a filed flight plan is submitted.

Maturity Level

Validation

Human Factor Considerations

1. Does it imply a change in task by a user or affected others? Yes
2. Does it imply processing of new information by the user? Yes
It is a new method and people have to learn the new method.
3. Does it imply the use of new equipment? No
4. Does it imply a change to levels of automation? Yes

PLANNING LAYERS

Pre-tactical

Tactical-Pre ops

OPERATIONS

DEPENDENCIES AND RELATIONS

Type of Dependencies	ASBU Element
Relation-benefit	AMET-B2/1 - Meteorological observations information
Relation-operational need	SWIM-B2/1 - Information service provision
Relation-operational need	SWIM-B2/2 - Information service consumption
Relation-operational need	SWIM-B2/3 - SWIM registry
Relation-information need	AMET-B2/2 - Meteorological forecast and warning information
Relation-benefit	AMET-B2/4 - Meteorological information service in SWIM
Relation-information benefit	DAIM-B1/1 - Provision of quality-assured aeronautical data and information
Relation-information need	DAIM-B1/2 - Provision of digital Aeronautical Information Publication (AIP) data sets
Relation-information need	DAIM-B1/3 - Provision of digital terrain data sets
Relation-information need	DAIM-B1/4 - Provision of digital obstacle data sets
Relation-information need	DAIM-B1/5 - Provision of digital aerodrome mapping data sets
Relation-information need	DAIM-B1/6 - Provision of digital instrument flight procedure data sets
Relation-information need	DAIM-B1/7 - NOTAM improvements
Relation-information need	DAIM-B2/1 - Dissemination of aeronautical information in a SWIM environment
Relation-information need	DAIM-B2/2 - Daily Airspace Management information to support flight and flow
Relation-information need	DAIM-B2/5 - NOTAM replacement