



ER APP ATC 160 — ATC to ATC Flight Data Exchange Using The Flight Object

Implement ground-ground flight data exchange between ATC units through the use of Flight Object services as defined by the Flight Object in EUROCAE Ed.133.

Category SYSTEM

Stakeholder Air Navigation Service Provider

Civil

Civil ATS Approach Service Provider
Civil ATS En-Route Service Provider

Military

Military ATS Approach Service Provider
Military ATS En-Route Service Provider

V3 End 31-12-2016

V4 Start 31-12-2018

V5 Start 31-12-2021

V4 End 31-12-2021

V5 End 31-12-2023

Air Navigation Service Provider: 31-12-2023

Civil

Civil ATS Approach Service Provider: 31-12-2023

Civil ATS En-Route Service Provider: 31-12-2023

Military

Military ATS Approach Service Provider: 31-12-2023

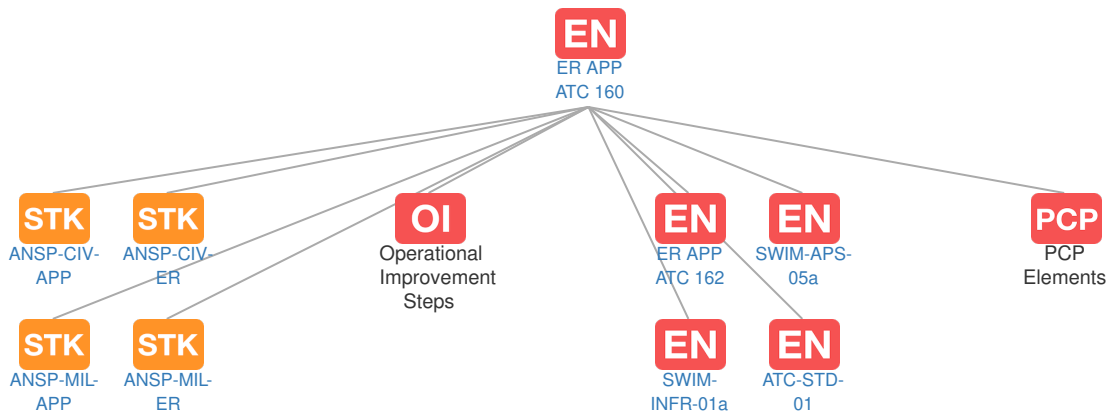
Military ATS En-Route Service Provider: 31-12-2023

IOC 31-12-2023

FOC 31-12-2027

Context

Related Elements



OI Operational Improvement Steps

Code	Benefits start date (IOC) - Full benefit date (FOC)																										
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
ER APP ATC 160			▲			V4	V5	IOC - FOC																			
🔒 CM-0201-A																											
🔒 IS-0901-A																											
🔒 POI-0016-IS																											
🔒 SDM-0216																											
🔒 TS-0109																											
➔ AOM-0500																											
➔ AOM-0501																											
➔ AOM-0505																											
➔ CM-0209																											
➔ CM-0209-b																											
➔ CM-0210																											
➔ CM-0210-b																											
➔ TS-0103																											
➔ TS-0305-A																											




EN Dependent Enablers

Relationship	Code	Title	Related Elements
Has successor	ER APP ATC 162	ATC Flight Data Exchange with NM Using the Flight Object	STK OI EN DS
Is synchronised with	SWIM-APS-05a	Provision and Consumption of Flight Object Sharing services	STK OI EN DS PCP S
Is synchronised with	SWIM-INFR-01a	High Criticality SWIM Services infrastructure Support and Connectivity.	STK OI EN DS PCP
Enabled by	ATC-STD-01	Ground-Ground flight data exchange	OI EN DS PCP 📄

PCP PCP Elements

Code	Title	Related Elements
S-AF5.1	Common infrastructure components	SOL OI EN OBJ ICAO
S-AF5.2	SWIM Technical Infrastructure and Profiles	SOL OI EN OBJ ICAO
S-AF5.3	Aeronautical information exchange	SOL OI EN OBJ ICAO
S-AF5.4	Meteorological information exchange	SOL OI EN OBJ ICAO
S-AF5.5	Cooperative network information exchange	SOL OI EN OBJ ICAO
S-AF5.6	Flight information exchange	SOL OI EN OBJ ICAO

STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-APP	Civil ATS Approach Service Provider	EN 
ANSP-CIV-ER	Civil ATS En-Route Service Provider	EN 
ANSP-MIL-APP	Military ATS Approach Service Provider	EN
ANSP-MIL-ER	Military ATS En-Route Service Provider	EN 

 Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data