

PCP		Removed							EU+	
FCM07.1		Implement Target Times for ATFM purposes								
REG	ASP	MIL	APO	USE	INT	IND	NM	MET	AIS	USP

Subject matter and scope

This objective should be seen as an initial step towards implementing PCP sub-functionality (S-AF) 4.3-'Calculated Take-Off Time (CTOT) to Target Times of Arrival (TTA) for ATFCM' as described in the PCP Regulation. The objective therefore does not cover the full scope of the S-AF which will be addressed by its successor FCM07.2.

In this first step, NM system will transmit calculated Target Times (TT) at the most penalising regulation reference point in addition to Calculated Take-Off Times (CTOT) to all concerned users of CTOT. Those users should be able to manage this new feature and potential system upgrades should be foreseen.

FOR MILITARY AUTHORITIES: It is the responsibility of each Military Authority to review this ESSIP Objective IN ITS ENTIRETY and address each of the SloAs that the Military Authority considers RELEVANT for itself. This has to be done on top and above of the review of "MIL" SloAs which identify actions EXCLUSIVE to MIL Authorities.

Applicability Area(s) & Timescale(s)

Applicability Area			
Timescales:		From:	By:
Initial operational capability		01/01/2017	Applicability Area
Full operational capability		31/12/2021	Applicability Area

References

European ATM Master Plan

OI step -		[DCB-0208]-DCB in a trajectory management context									
	Enablers -	AOC-ATM-11	AOC-ATM-13	AOC-ATM-20	ER APP ATC 17	NIMS-21a	NIMS-38	SWIM-APS-03a	SWIM-APS-04a		
		SWIM-INFR-05a	SWIM-NET-01a								

Legend:	WXYZ-001	Covered by SLoA(s) in this objective	WXYZ-002 zzz	Covered by SLoA(s) in another objective Objective covering the enabler	WXYZ-003	Not covered in the Implementation Plan
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Applicable legislation

Regulation (EU) No 716/2014 on the establishment of the Pilot Common Project
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Essential Operational Changes

- none -

SESAR Solution

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ICAO GANP - ASBUs

- none -

Deployment Programme

- none -

European Plan for Aviation Safety

- none -

Operating Environments

FCM07.1	Implement Target Times for ATFM purposes
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En-Route
Network
Terminal Airspace

Stakeholder Lines of Action (SLoAs)

SLoA ref.	Title	From	By
FCM07.1-ASP01	Adapt ATM/ATFCM systems to enable the Target Times extraction and presentation to relevant operational personnel	01/01/2017	31/12/2021
FCM07.1-ASP02	Implement procedures and processes in support of Target Time sharing	01/01/2017	31/12/2021
FCM07.1-USE01	Adapt systems at airspace users' operations centers to enable Target Times extraction and distribution	01/01/2017	31/12/2021
FCM07.1-USE02	Implement procedures and processes to adhere to TTs, to the extent possible	01/01/2017	31/12/2021
FCM07.1-NM01	Adapt NM systems to support Target Time sharing	01/01/2017	31/12/2021

Description of finalised and deleted SLoAs is available on the eATM Portal @ https://www.eatmportal.eu/working/depl/essip_objectives

Expected Performance Benefits

Safety:	-
Capacity:	-
Operational Efficiency:	Increased network predictability.
Cost Efficiency:	-
Environment:	-
Security:	-

Detailed SLoA Descriptions

FCM07.1-ASP01	Adapt ATM/ATFCM systems to enable the Target Times extraction and presentation to relevant operational personnel	From: 01/01/2017	By: 31/12/2021
Action by:	ANS Providers		
Description & purpose:	Adapt ATM and ATFCM systems, as required, to extract the Target Times (TTs) for specific flights for management and presentation of TTs to the ATC planner for info purposes in accordance with local ATM/ATFCM procedures to be developed.		
Supporting material(s):	EUROCONTROL - ATFCM Users Manual - Edition 20.0 Url : https://www.eurocontrol.int/publication/atfcm-users-manual		
Finalisation criteria:	1 - ATM/ATFCM systems adapted to enable Target Times extraction and presentation to relevant operational staff.		
FCM07.1-ASP02	Implement procedures and processes in support of Target Time sharing	From: 01/01/2017	By: 31/12/2021
Action by:	ANS Providers		
Description & purpose:	Develop and deploy the ATC/ATFCM procedures to handle Target Times.		
Supporting material(s):	EUROCONTROL - ATFCM Users Manual - Edition 20.0 Url : https://www.eurocontrol.int/publication/atfcm-users-manual		
Finalisation criteria:	1 - ATC/ATFCM procedures for handling Target Times are implemented.		
FCM07.1-USE01	Adapt systems at airspace users' operations centers to enable Target Times extraction and distribution	From: 01/01/2017	By: 31/12/2021
Action by:	Airspace Users		
Description & purpose:	Adapt systems of airspace users' operations centers to enable Target Times extraction and distribution.		
Supporting material(s):	EUROCONTROL - ATFCM Users Manual - Edition 20.0 Url : https://www.eurocontrol.int/publication/atfcm-users-manual		
Finalisation criteria:	1 - Airspace users' systems at operations centers have been adapted.		
FCM07.1-USE02	Implement procedures and processes to adhere to TTs, to the extent possible	From: 01/01/2017	By: 31/12/2021
Action by:	Airspace Users		
Description & purpose:	Develop and implement Pilot procedures for handling Target Times.		
Supporting material(s):	EUROCONTROL - ATFCM Users Manual - Edition 20.0 Url : https://www.eurocontrol.int/publication/atfcm-users-manual		

FCM07.1		Implement Target Times for ATFM purposes	
Finalisation criteria:	1 - Pilot procedures for handling Target Times are implemented.		
FCM07.1-NM01	Adapt NM systems to support Target Time sharing	From:	By:
		01/01/2017	31/12/2021
Action by:	NM		
Description & purpose:	From March 2016, NM started to provide the Target Times related to the most penalised regulation as part of the Slot Allocation Message (SAM). This message is sent at the earliest 2 hours before the last received EOBT (Estimated Off-Block Time), together with CTOT (Calculated Take-Off Times). The message is sent to ATSUs concerned by the flight and to the airline's Flight Operations Center.		
Supporting material(s):	EUROCONTROL - ATFCM Users Manual - Edition 20.0 Url : https://www.eurocontrol.int/publication/atfcm-users-manual		
ATM Master Plan relationship:	[NIMS-21a]-Initial Flight Planning management enhanced to support 4D for Step 1 [NIMS-38]-Calculation and dissemination of the TTO & TTA		
Finalisation criteria:	1 - NM systems adapted to disseminate TTs to concerned stakeholders.		