

ANWP Job-card

Title	Aeronautical meteorological information to support trajectory-based operations from gate to gate		Reference:	3		
Source	MET Divisional Meeting 2014 (Recommendation 1/3, 2/10 and 3/1)					
Problem Statement	The current provisions of Annex 3 will not support the concept of trajectory-based operations. The needs for supporting meteorological information and service capabilities need to be identified and addressed.					
Specific Details (including impact statements)	<p>It was recommended by the MET Divisional Meeting (Recommendation 3/1) that an appropriate ICAO expert group, in close coordination with WMO, be tasked to finalize a draft concept of operations and roadmap concerning aeronautical meteorological information integration for trajectory-based (TBO) operations and using the result of the roadmap to establish further air traffic management requirements for aeronautical meteorological service capabilities to support TBO consistent with the "One Sky" concept as detailed in the the <i>Global Air Navigation Plan</i> (Doc 9750). TBO is a gate-to-gate concept and therefore the recommendation by the MET Divisional Meeting on Development of meteorological service for the terminal area (Recommendation 2/10) forms an integral part of the activities to establish requirements for aeronautical meteorological service capabilities supporting.</p> <p>The aeronautical meteorological information integration for trajectory-based (TBO) operations concept of operations addresses ASBU Block 1, 2 and 3 related improvements of the global air navigation system. The activity to establish further air traffic management requirements for aeronautical meteorological service capabilities to support TBO will initially need to focus on Block 1.</p> <p>Further development should also take into consideration the main legacy tasks from the meteorological aeronautical requirements and information exchange project team (MARIE-PT) that relate to ATM requirements for meteorological information.</p>					
Expected Benefit	Increase the safety and efficiency of trajectory-based operations through the integration of supporting meteorological information.					
Reference Documents	Annex 3 — <i>Meteorological Service for International Air Navigation, Global Air Navigation Plan</i> (Doc 9750), <i>Manual of Aeronautical Meteorological Practice</i> (Doc 8896) , <i>Manual on Coordination between Air Traffic Services, Aeronautical Information Services and Aeronautical Meteorological Services</i> (Doc 9377) <i>Manual on the Digital Exchange of Aeronautical Meteorological Information</i> (Doc 10003)					Attachments
Primary Expert Group:	ATMRPP					
WPE No.	Document affected	Description of Amendment proposal or Action	Supporting Expert Group	Expected dates		
				Expert Group	Effective	Applicability
	Annex 3	Provisions for the establishment of air traffic management requirements for aeronautical meteorological service capabilities to support trajectory-based operations.	METP	Sep.16	Jul 18	Nov 18
	Docs 8896, 9377.	Update related guidance material to support the implementation of Annex 3 Amendment.	METP	Sep.16	Jul 18	Nov 18
	Annex 11	Provisions for the establishment of air traffic management requirements for the use/integration of aeronautical meteorological information in trajectory-based operations decision support processes.	ATMRPP	Sep.16	Jul 18	Nov 18
	Doc 4444	Procedures for the use/integration of aeronautical meteorological information in trajectory-based operations decision support processes.	ATMRPP	Sep.16	Jul 18	Nov 18
	Doc ##### ('Manual on TBO')	Update related guidance material to support the use/integration of aeronautical meteorological information in trajectory-based operations.				

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Issue Date:	Date Approved by ANC:	Session/Meeting
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