

DOCUMENT CHANGE PROPOSAL/BRIEFING SHEET

FINAL DISPOSITION

ORDER/PUBLICATION: 7110.65U

CHANGE: 2

EFFECTIVE DATE: March 7, 2013

TRACKING #: 52- 5-7-2

SPECIALIST/ROUTING: James Arrighi AJV-14 (202) 385-4680

1. PARAGRAPH NUMBER AND TITLE:

5-7-2. METHODS

2. **BACKGROUND:** The Air Traffic Control Procedures and Phraseology Action Team (ATCPP) is a working group under the Performance Based Operations Aviation Rulemaking Committee (PARC) established to address RNAV and RNP implementation issues and propose action to the FAA. The ATCPP is composed of air traffic, aviation industry, and human factors subject matter experts. The ATCPP reviews, assesses and proposes changes to ATC procedures and phraseology and is tasked with incorporating those changes into FAA Order JO 7110.65, the AIM, and AIP.

With the increased development of procedures with published speed and altitude restrictions (for example, standard instrument departures [SID] and standard terminal arrivals [STAR]), the ATCPP has validated an operational need to better define how ATC terminates speed adjustments. This is the result of evaluations of procedure implementations and extensive field input. The current phraseology, "resume normal speed" has proved inadequate as the sole published means of speed adjustment termination. It has resulted in misunderstandings, misapplications, and misinterpretations of current guidance for ATC when terminating speed adjustments. In some cases, pilots have interpreted the phraseology "resume normal speed" to mean that they could terminate an ATC speed adjustment and also cancel published speed restrictions on a procedure, returning the aircraft to its normal speed. Consequently, pilots and field facilities have expressed uncertainty of requirements and expectations and requested expanded guidance on speed assignment and termination procedures.

3. **EXPLANATION OF CHANGE:** This change clarifies existing speed assignment methods for assignment of SID/RNAV SID procedures with published speed restrictions. This change cancels and incorporates N JO 7110.585, Speed Adjustment, effective August 15, 2012.

4. CHANGE:

OLD

5-7-2. METHODS

Title thru d

Add

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NEW

5-7-2. METHODS

No Change

e. When issuing speed or altitude adjustments or combined speed/altitude adjustments in conjunction with a clearance to climb or descend via charted procedures with published speed and/or altitude restrictions, specify the point at which the restriction begins, ends, or changes the charted restrictions.

PHRASEOLOGY-
CROSS (fix/waypoint) AT (altitude/speed) THEN CLIMB/DESCEND VIA (SID/RNAV SID /STAR/RNAV STAR)

MAINTAIN (speed) UNTIL (fix/waypoint) THEN CLIMB/DESCEND VIA (SID/RNAV SID/STAR/RNAV STAR)

CLIMB/DESCEND VIA (SID/RNAV

**SID/STAR/RNAV STAR). EXCEPT AFTER
(waypoint) MAINTAIN (assigned speed/altitude).**

EXAMPLE-

**"Cross Alisa at one zero thousand and two two zero
knots, then climb via the TIMMY One departure."**

**"Maintain two two zero knots until BALTR then
descend via the BALTR One arrival."**

**"Descend via the KEPEC Two arrival, except after
NIPZO maintain one eight zero knots."**

REFERENCE-

FAAO JO 7110.65, Para 2-4-17, Numbers Usage

FAAO JO 7110.65, Para 4-5-7, Altitude Information

FAAO JO 7110.65, Para 5-7-1, Application

Add

Add

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REFERENCE-

FAAO JO 7110.65, Para 2-4-17, Numbers Usage,

FAAO JO 7110.65, Para 4-5-7, Altitude Information,

Add

No further changes to paragraph.

5. **INDEX CHANGES:** None

6. **REFERENCE CHANGES:** None

7. **GRAPHICS:** None

8. **GENOT/NOTICE:** N JO 7110.585, Speed Adjustment, effective August 15, 2012

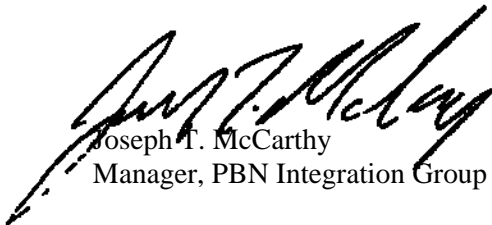
9. **FORMATTING & PLAIN LANGUAGE REVIEW:** ☒ HM 6/20/2011

10. **SAFETY RISK MANAGEMENT:** (Check appropriate box).

☒ **SRMD.** Proposed change meets full SMS requirements for safety risk assessment.

☐ **SRMDM.** Proposed change is not safety related.

11. **ICAO DIFFERENCES:** YES ☒ NO ☐


Joseph T. McCarthy
Manager, PBN Integration Group

Date: 11/17/2011

ICAO DIFFERENCES IDENTIFICATION FORM**PDG SME:** James Arrighi**DATE:** January 6, 2011 **ATO DCP #:** 51-5-7-2**ICAO DIFFERENCE SARP/PANS**

SPECIFIC US REGULATION AND REFERENCE	PANS ATM, ANNEX PROVISION	DESCRIPTION OF DIFFERENCE	REMARKS
FAAO JO 7110.65 Paragraph 5-7-2	PANS ATM Chapter 4 Paragraph 4.6	With the increased development of procedures with published speed and altitude restrictions, it has been determined there is a need to better define how ATC applies speed adjustments. This change describes phraseology required to correctly issue amended speed assignments associated with climb/descend via procedures when assigning speeds which are not consistent with the published procedure.	No similar language exists within PANS ATM.

DIFFERENCE CATEGORY: B – different in character or other means of compl**DETERMINATION OF DIFFERENCE:** YES ☒ NO ☐**VALIDATOR NAME:** James Arrighi**VALIDATOR PHONE:** (202) 385-4920