



OFFICE OF THE FEDERAL COORDINATOR
FOR METEOROLOGICAL SERVICES AND SUPPORTING RESEARCH

SUITE 1500, 8455 COLESVILLE ROAD
SILVER SPRING, MARYLAND 20910

June 8, 2012

MEMORANDUM FOR: All Holders of Federal Meteorological Handbook No. 12, United States Meteorological Codes and Coding Practices

FROM:

A handwritten signature in black ink, appearing to read 'Samuel P. Williamson'.

Samuel P. Williamson

Federal Coordinator for Meteorology

SUBJECT: Change 3 to Federal Meteorological Handbook No. 12
Effective January 1, 2013

The attached Change 3 to Federal Meteorological Handbook No. 12 (FMH-12), *United States Meteorological Codes and Coding Practices*, original publication, dated December 1998, consists of two additional paragraphs to a section in Part A: Atmospheric, Chapter 1, PILOT REPORTS. These changes implement a number of recommendations from the aviation weather community.

Attachment

Change 3
January 1, 2013

FEDERAL METEOROLOGICAL HANDBOOK NO. 12

UNITED STATES METEOROLOGICAL CODES AND CODING PRACTICES

Paragraph 1.4.1.1. Add the following after subparagraph g:

NOTE: Any mention of severe icing or severe or extreme turbulence in a pilot report that includes variable intensities shall require an urgent (UUA) message. For example, /IC_MOD-SEV_CLR or /TB_MOD-SEV_CAT constitute urgent message criteria.

Paragraph 1.4.1.5. Replace with the following:

1.4.1.5 Type of Aircraft (/TP). Enter aircraft type code (limited to four alphanumeric characters) as given in FAA Order 7340.1, Chapter 5, "Civil/Military Aircraft Type Designators." Enter UNKN if aircraft type is unknown. Icing and turbulence reports must include aircraft type.

FORMAT: /TP_AAAA or TP_UNKN

Paragraph 1.4.1.7a. In the third line, insert the word "down" after "rounded"

Paragraph 1.4.1.10. Change to read:

If reported, turbulence duration, intensity, type, and altitude are entered as follows:

Paragraph 1.4.1.10.a: Change paragraph number to 1.4.1.10.b. and delete the first sentence.

Insert new Paragraph 1.4.1.10.a. as follows:

- a. Duration. If reported, this is the first element to be entered after the space following the TEI. Durations are occasional (OCNL), intermittent (INTMT), and continuous (CONS).

Paragraph 1.4.1.10.b. Change paragraph number to 1.4.1.10.c.

Paragraph 1.4.1.10.c. Change paragraph number to 1.4.1.10.d.

Paragraph 1.4.1.10. Add to the end of the list of turbulence examples:
/TB_OCNL_MOD_BLO_050

Paragraph 1.4.1.12.d. In first line change parenthetical remark to "(OCNL, FRQ, CONS)"

Glossary of Terms, Abbreviations, and Acronyms. Change "INTER*" to "INTMT"