

FPAW 2014

# FAA Aviation Weather Services: AC 00-45

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# AC 00-45 Aviation Weather Services

## **Joint FAA/NWS document**

- **FAA aviation weather policies**
- **Description of NWS aviation weather products**

## **Status**

- **Current version AC 00-45g change 1**
- **Two rewrites planned**
  - **AC 00-45G Change 2 – final draft complete, awaiting AFS-1 signature**
  - **AC 00-45H – Scoping phase. Planning late 2015 publication**



# Change 2 Focus

***FAA decision to focus rewrite to Sections 1,2, and 9***

- ***Very large document***
- ***Limited FAA manpower***
- ***Limited NWS manpower***
- ***Arduous FAA internal coordination process***
  - ***Including public comment period***
- ***FAA focus on high priority items***



# Section 1

## Aviation Weather Service Program

- “House keeping” edits
- Lockheed Martin Flight Services website
- New FIS-B guidance

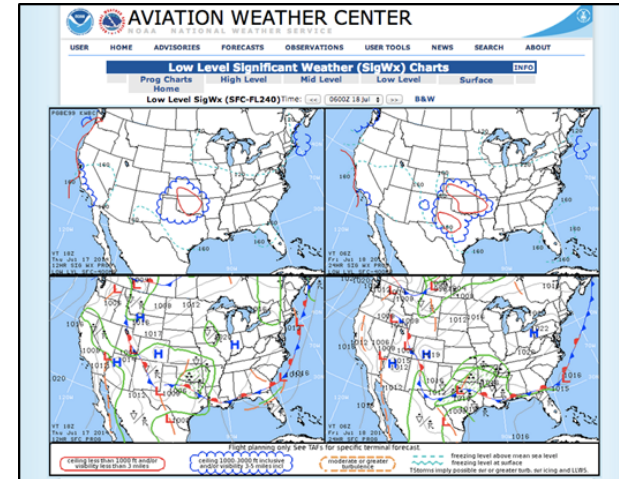


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# Section 2

## Aviation Weather Product Policy

- **Eliminate terms “Primary” and “Supplementary”**
  - Already eliminated from the AIM Section 7-1 (4/3/14)
- **Revised aviation weather product policy**
  - “All flight-related aviation weather decisions must be based on all available pertinent weather products. As every flight is unique and the weather conditions for that flight vary hour by hour, day to day, multiple weather products may be necessary to meet aviation weather regulatory requirements.”
- **Updated EWINS general guidance**





# Section 7



**Area Forecast – new verbiage**  
**“Area forecasts are not intended for use in operational decision-making or as a substitute for a TAF in 14 CFR part 121 Air Carrier operations. In these operations, an FA may only be used to enhance situational awareness.”**



CLDS/WX VALID UNTIL 090600...OTLK VALID 090600-091200  
ME NH VT MA RI CT NY LO NJ PA OH LE WV MD DC DE VA AND CSTL WTRS  
.  
SEE AIRMET SIERRA FOR IFR CONDS AND MTN OBSCN.  
TS IMPLY SEV OR GTR TURB SEV ICE LLWS AND IFR CONDS.  
NON MSL HGTS DENOTED BY AGL OR CIG.  
.  
SYNOPSIS...18Z CDFNT 30N PQI-40E MPV-ALB-20N JHW LN. STNR FNT 20N  
JHW-ECK LN. STNR FNT EWC-ROD-IND LN. TROP 210SE SIE-170SE ECG LN  
CONTG SWD. HIGH WRN NC. 12Z STNR FNT FM LOW NR FWA ALG 20N CLE-  
JHW-ALB-30NNE BOS LN. CDFNT 30NNE BOS-120SE BGR LN. CDFNT FM LOW  
NR FWA ALG PXV-50SE FAM LN CONTG SWWD. HIGH NR ODF.  
.  
ME NH VT  
NRN ME...SCT040 BKN060 TOP FL250. OCNL BKN040. SCT -SHRA/ISOL  
-TSRA. CB TOP FL350. 21Z BKN040. ISOL -SHRA. WND W G25KT. 03Z  
SKC. OTLK...VFR.  
VT/NRN NH/RMNR ME MTNS...SCT-BKN040 BKN060 TOP FL250. SCT  
SHRA/ISOL TSRA. CB TOP FL350. 03Z BKN040. OCNL VIS 3-5SM BR.  
OTLK...MVFR CIG BR.  
SRN NH/RMNR ME...SCT040 BKN100 TOP FL250. OCNL BKN040 IN WDLY  
SCT -SHRA/ISOL -TSRA BECMG APT 19Z SCT TSRA. TS POSS SEV. CB TOP  
FL400. 04Z BKN020. WDLY SCT -SHRA. OTLK...MVFR CIG SHRA BR.

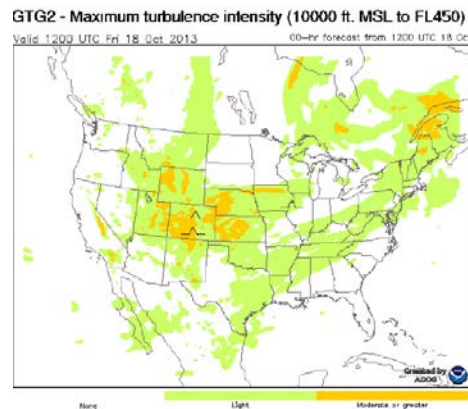
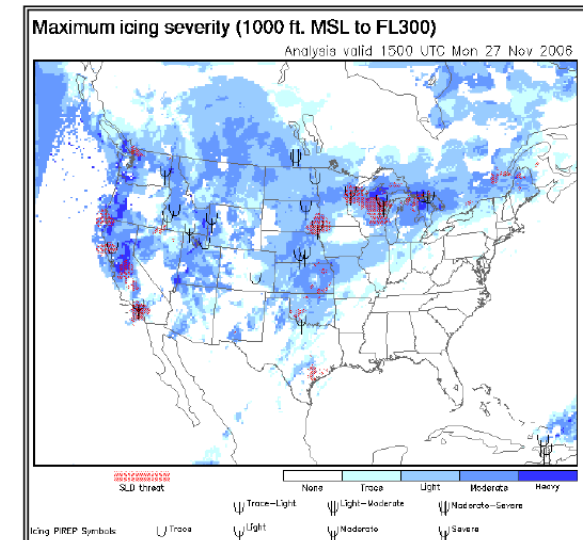


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# Section 9

## New Generation Weather Products

- Updated guidance for CCFP
- New guidance for ECFP
- Revised guidance for CIP/FIP
- Updated guidance for GTG2
- New guidance for Ceiling and Visibility (CVA)



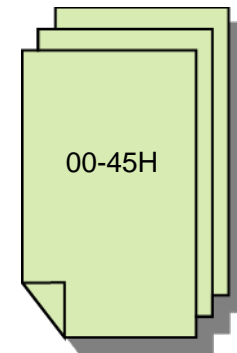
# What's Next?

## **AC 00-45H – Focus on Sections 3-8**

- **ARWG recommendations to eliminate certain outdated weather products**
- **NWS guidance for new products**

## **Section 9**

- **Additional changes to CCFP**
- **GTG3**
- **Further enhancements to CIP/FIP**
- **Operational HEMS**





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