

# MX HF Priorities for 2006

## Progress Report Since August

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CSTA HF in A/C Maintenance Human  
Factors for Maintenance Systems

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AFS 300

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December 19-20, 2006



Federal  
Aviation  
Administration



# MX HF Activity Completed since August HFCC Meeting (1/5)

- FAA-ATA HF Conference (Sept) (300+ participants)



- Produced Mx HF promotional DVD for Mx audiences

- Johnson and/or Hiles delivered 17 HF speeches/classes since August

[www.humanfactorsinfo.com](http://www.humanfactorsinfo.com) or  
[www.hfskyway.com](http://www.hfskyway.com)

The screenshot shows the FAA website header with navigation links: HF Home, ATO-P R&D, ATO, FAA Home, About FAA, DOT, More, and firstgov.gov. Below the header is a navigation bar with Home, Education Material, and Video. The main content area is titled 'Temporary Listing of New Documents During Website Reconstruction' and contains a table with two columns: 'Conference Materials' and 'Reports/Publications'. The table lists various conferences and reports with their dates.

Conference Materials	Reports/Publications
• <a href="#">American Airlines-TWU-Dallas (11-14-06)</a>	• <a href="#">Keeping it Real (Johnson)</a>
• <a href="#">Aviation North - LTT Fairbanks (Oct 18-06)</a>	• <a href="#">FAA Maintenance HF Plan for 2006-2007</a>
• <a href="#">Aviation Suppliers Conference - Dallas (11-03-06)</a>	
• <a href="#">CASE Conference - Austin (10-23-06)</a>	
• <a href="#">FSDO Regional Meeting - Wichita (10-30-06)</a>	
• <a href="#">FSDO Regional Meeting- Hiles - Wichita (10-30-06)</a>	
• <a href="#">JAA HF Working Group - Rome (11-08-06)</a>	
• <a href="#">National Air Carrier Association - Washington (10-25-06)</a>	
• <a href="#">SAE-PAMA Regional Meeting - Savannah (11-02-06)</a>	

At the bottom of the screenshot, there are links for Privacy Policy, Web Policies & Notices, Site Map, Contact FAA, Frequently Asked Questions, and Forms.

## MX HF Activity Completed since August HFCC Meeting (2/5)

- Completed design and extensive evaluation of 3-Day HF training for ASIs
- Prepared RFP for ASI training program for 2008-2012
- Delivered Maintenance HF Plan for AFS-300



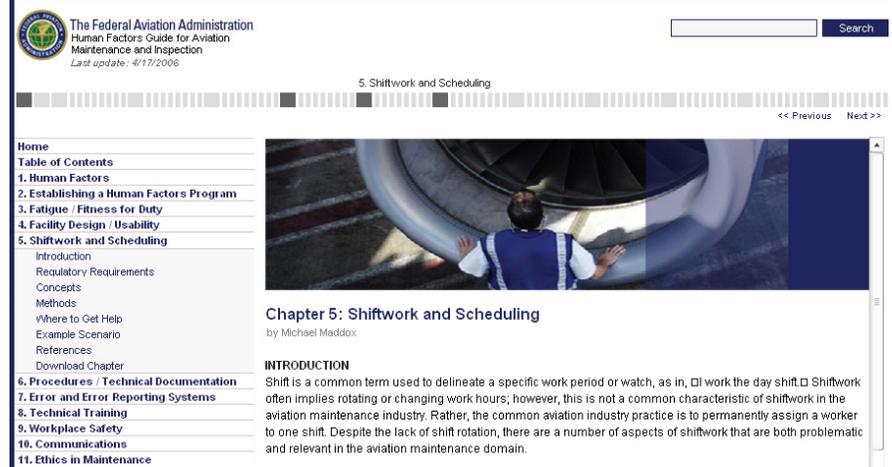
## **MX HF Activity in Progress ( On the B-Plans) (3/5)**

- Corporate Culture on Decision Making (AVS B-Plan)
- Clarification of Maintenance HF Evaluation Criteria (AVS B-Plan)
- Rule and AC for Part 121 and 135 on Mx Training (AFS B-Plan)
- Plan for 2007 FAA-ATA Maintenance HF Symposium (AFS B-Plan)
- Create Mx HF Training Presentation for FAAST and ASIs



# MX HF Activity in Progress (Continued) (4/5)

- Finishing report on international Mx HF Survey (with CAMI)
- Developing HF Survey for FAA Airworthiness ASIs (with CAMI)
- Reviewed/approved 20+ HF Training Programs
- Coordinating with ATOP-R&D on:
  - [www.hfskyway.faa.gov](http://www.hfskyway.faa.gov) or [www.hfinformation.com](http://www.hfinformation.com)
  - *The Human Factors Guide for Aviation Maintenance and Inspection*



The screenshot shows the FAA website interface for the Human Factors Guide. At the top, it says "The Federal Aviation Administration Human Factors Guide for Aviation Maintenance and Inspection" with a "Last update: 4/17/2006" note. A search bar is visible on the right. Below the header is a progress bar indicating the current position in the guide, with "5. Shiftwork and Scheduling" highlighted. A navigation menu on the left lists chapters 1 through 11, with "5. Shiftwork and Scheduling" selected. The main content area features a photograph of a person in a blue uniform standing in front of a large aircraft engine. Below the photo, the chapter title "Chapter 5: Shiftwork and Scheduling" is displayed, followed by the author "by Michael Maddox". The "INTRODUCTION" section begins with the text: "Shift is a common term used to delineate a specific work period or watch, as in, □ work the day shift. □ Shiftwork often implies rotating or changing work hours; however, this is not a common characteristic of shiftwork in the aviation maintenance industry. Rather, the common aviation industry practice is to permanently assign a worker to one shift. Despite the lack of shift rotation, there are a number of aspects of shiftwork that are both problematic and relevant in the aviation maintenance domain."

## MX HF Activity Progress for 2007 (Continued) (5/5)

- Committed to speak at numerous Maintenance Conferences over next 90 days. (1, 2, and 4 hours sessions)
- Renew physical presence in hangars, flight lines, and shops
- Continue ASAP activity
- Work with NASA (Hobbs) on UAV maintenance personnel qualification requirements
- Identify and address issues associated with rapid technology advancement and qualifications of personnel.

