

Website Locations for Presentations



- March meeting presentations available now
- August meeting presentations available in a few days

www.faa.gov/certification/aircraft/aceCessna400WingsparPublicMeeting.htm

These websites will link to FAA site:

www.cessna.org

www.aopa.org



FAA Public Meeting

Cessna 400 Series Wing Spar Safety Concern

Ron Wojnar

Deputy Director

Aircraft Certification Service

Washington, D.C.

Downtown Kansas City Marriott

August 18, 2004



Issue Overview

Marv Nuss

Small Airplane Directorate

Continued Operational Safety

Program Manager

FAA Public Meeting

Cessna 400 Series Wing Spar Safety Concern

Downtown Kansas City Marriott

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Agenda



- Introductions
- Issue overview
- Summary of March Meeting
- Information from March meeting questions
- Concept for modification compliance times
- Mod installation, training issues
- Public comments
- Discussion

Wednesday Morning



- 8:30** Meeting opening, introduction – Ron Wojnar
- 8:45** Issue Overview – Marv Nuss
- 9:00** March Meeting Summary – Vu Nguyen, Bob Eastin
- 9:45** Update of March meeting questions – Marv Nuss
- 10:15 Break**
- 10:30** Concept for compliance time determination – Marv Nuss
- 11:15** Mod installation, training issues – Marv Nuss
- 11:30 Lunch**

Wednesday Afternoon



12:45 Public presentations

12:45 Doug Akers, Positron Systems

1:30 Mike Ciholas, Ciholas Enterprises

2:15 Break

2:30 Mike Busch, Cessna Pilots Association

3:15 Open Discussion with FAA Panel

3:45 Break

4:00 Resume Open Discussion

5:15 Summarize the Meeting, Explain FAA next steps – Ron Wojnar, Dorenda Baker

5:30 Adjourn

Thursday



Meetings with FAA Aircraft Certification Staff

Purpose:

- ▶ Discuss technical aspects of potential AMOCs
- ▶ Discuss data useful for compliance or training issues

FAA Central Region Office, 901 Locust

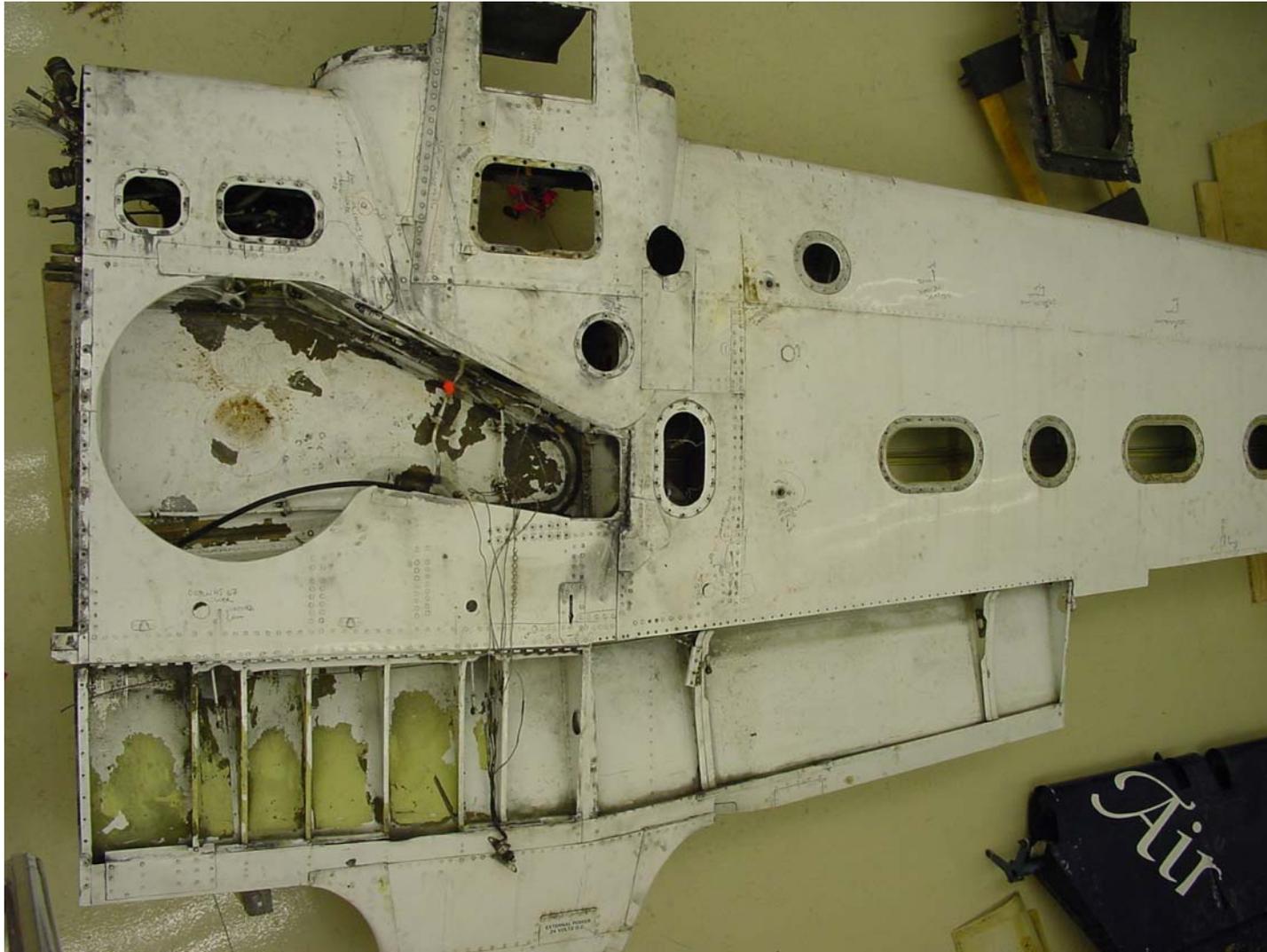
- ▶ By appointment only
- ▶ Must sign up for meeting by 1PM Wednesday
(Necessary for building security)

Issue Overview



- ▶ Model and fleet information
- ▶ Chronology of events
- ▶ FAA's current position

Cessna 402 Wing





Model and Fleet Information

	401	401A	401B	411	411A	402	402A	402B	402C	414A
Fleet Size (1384)	85	73	50	132	27	50	49	267	209	442
P135/121 (295)	31 (17 operators)			1		263 (92 operators)			0	
MTOGW	6300 lbs			6500 lbs		6300 lbs			6850	6750
Est. Ave Hours	7000+					9000+			12,000+	5000
TC Date	1966	1968	1969	1964	1967	1966	1969	1969	1978	1977

Certification Basis for all models is CAR3, May 15, 1956

Chronology of Events



- **1973, 78:** Service Incidents of cracked spars
- **1979:** AD 79-10-15 issued to correct unsafe condition for 401/-A/-B, 402/-A/-B, 411/-A
- **1989:** FAA Starts Aging Airplane Program
- **1990-92:** Service Incidents of cracked spars
- **1995:** FAA R&D Contract for SIDs
- **1999:** 402C fatal accident due to spar failure
- **2000:** AD 2000-23-01 issued to correct unsafe condition for 402C

Chronology of Events (con't)



- **2003:** Proposed ADs issued to correct unsafe condition for all models
- **March 2004:** Public meeting held
- **May 2004:** FAA withdrew NPRMs
- **August 18, 2004:** Follow-up public meeting

FAA's Current Position



- FAA has determined that an unsafe condition exists
- FAA withdrew NPRMs
 - ▶ Allow time for additional discussions (incl. AMOC)
 - ▶ Compliance time a recognized issue
 - ▶ FAA will again propose ADs
- Cessna modification addresses the condition
- Today's meeting is a forum to discuss solution approaches
 - ▶ Different modification/Inspections
 - ▶ Different compliance times
 - ▶ Modification logistics