

**ATSRAC WG 13**

**Washington, DC**

**October 10, 2003**

**Presented by**

**Eli Cotti**

# HWG13 Task

1. *Review the existing small transport airplane manufacturers' wiring inspection procedures.*

# HWG 13 Task

- 2. Identify and develop criteria for upgrading/developing enhanced procedures suitable for inspection, cleaning, elimination of combustible material (e.g., lint and chemical contamination), and maintenance of the electrical wiring interconnection systems (EWIS) installed on small transport airplanes.*

# HWG 13 Task

- 3. Develop and recommend compliance means (for example advisory circular, rule, or policy) suitable for adoption of the criteria and incorporation of the enhanced wiring inspection procedures into the maintenance programs.*

## WG 13 Co-Chairs\*

\*Jon Haag

\*Gunnar Jancke

Ric Peri

Ken Elias

Don Nicholson

Mike Sevigny

Mike Richardson

Dominique Bellon

Michel Larhantec

Jerome Bruel

Bryan Easterwood

Dan Withers

Fred Sobeck

Harry Van Soestbergen

Jeff Derf

Randy Boren

Dan Christensen

Eli Cotti

Frank Keefer

Wilfred Cote

Altria Corp.

Jet Aviation Basel

Aircraft Electronics Association

Air Line Pilots Association

Atlantic Coast Airlines

Bombardier Aerospace

Cessna Aircraft

Dassault Aviation

DFS Service Center

DGAC / JAA

FAA

FAA

FAA

Garrett Aviation

Gulfstream Aerospace

Lockheed-Martin Aeronautics

Mesaba Airlines

NBAA

Raytheon Aircraft

Transport Canada

Work Plan Description	Timeframe	Owner
Member / Participant on Working Group determined	JUN 27, 2003	X
Telecom to discuss Work Plan	JUN 30, 2003	X
Finalize Work Plan	JUL 7, 2003	
Work Plan Presentation to ATSRAC	JUL 9 & 10, 2003	
<b>Phase 1 - OEM Review of Current Wiring Inspections requirements - 2 aircraft per manufacturer - 1 Older Aircraft - 1 Newer Generation Aircraft as determined by the WG (Task 1)</b>	<b>JUL 15<sup>th</sup> to NOV 15<sup>th</sup>, 2003</b>	
Review Current Inspection Programs in regards to wiring		OEM
Analysis Philosophies to determine current inspection program		OEM
OEM Progress Report to WG-13	SEP 1, 2003	OEM
OEM Draft Report to WG-13	OCT 15, 2003	OEM
ATSRAC Meeting	OCT 22 & 23, 2003	
OEM Final Report to WG-13	NOV 14, 2003	OEM
<b>Phase 2 - WG-13 Review of OEM Reports (Task 2)</b>	<b>NOV 15<sup>th</sup> to JAN 15<sup>th</sup>, 2003</b>	
Review OEM Reports		
Brainstorm to develop ideas for enhancing inspection procedures for wiring		
Development of proposals to ATSRAC	JAN 15, 2004	

Work Plan Description	Timeframe	Owner
<b>Phase 3 - Development of Procedures (Task 3)</b>	<b>JAN 15<sup>th</sup> to SEP 15<sup>th</sup>, 2004</b>	
ATSRAC Meeting	JAN 21 &22, 2004	
Working Group define Enhancements		
Working Group define Procedures		
ATSRAC Meeting	APR 21 & 22, 2004	
ATSRAC Meeting	JUL 7 & 9, 2004	
Draft Report to ATSRAC	SEP 15, 2004	
<b>Phase 4 - Final Report Development</b>	<b>SEP 15th to JAN, 05</b>	
ATSRAC Meeting	OCT 20 & 21, 2004	
Final Report to ATSRAC	DEC 15, 2004	
Presentation to ATSRAC	JAN 2005	

# WG13

## Concerns

- WG11 tasking may have Part 25, 21 Certification implications without adequate STA representation
- New task timeframe
  - originally two years,
  - compressed to Jan 2005

**Thank You!**

FAA and industry subject matter experts present Small Transport Aircraft Harmonization Working Group-10 report submitted to Aging Transport System Rulemaking Advisory Committee and provide information relative to the proper care of Electrical Wiring Interconnect Systems.

NBAA  
2003  
OCTOBER 7, 8, 9, 2003  
ORLANDO • FLORIDA

2003