

Dear ATSRAC Member:

Enclosed is the Intrusive Inspection Group's Final Report. Color hardcopies of the report will be available to ATSRAC members at the January 17-18 meeting.

The current report reflects the comments and recommendations of ATSRAC members. The most significant changes to the report are itemized below.

- **Laboratory Results:** The current report contains an updated Chapter 4 and the addition of a new appendix, Appendix X, title.
- **Recommendations:** Chapter 7 has been substantially revised. Recommendations are more specific and directed to specific organizations. The applicability and limitations of the recommendations are discussed.
- **R&D recommendations:** Chapter 7 now includes a section entitled Research and Development Recommendations.
- **Resolution of RSC:** Chapter 6 contains a discussion of the seven Reportable Significant Conditions. The manufacturers' responses to these RSCs are included.

The report is fully supported and endorsed by all participants in the Intrusive Inspection Working Group's final meeting, December 12-14, 2000. Participants in this meeting were:

C Smith	FAA	L Stevick	Northwest
F Sobeck	FAA	H Zuberer	United
B McGuire*	FAA	W Cinibulk	Tyco Raychem
Jl Ballenghien	Airbus	R Bernstein *	Sandia
D Mazzarino*	Airbus	R Beach*	Raytheon
I Ghoreishi	Boeing	B Linzey*	Lectromec
P Arnason	Navair	A Ferguson*	Eclipse
D Johnson	USAF	K Steidel*	Eclipse

(An asterisk indicates a non-voting participant.)

Mr. Ed Block was not at the final meeting. Despite the Working Group's efforts to resolve his first dissenting opinion and his agreement to reconsider his position, Mr. Block made the following request:

I have read the revised changes you sent on 12/20/00 to the Intrusive Inspection Group's Final Report and feel my original dissenting opinion, as well as my subsequent opinion on the revisions to Chapter 7 which you sent with these latest revisions, should both be included as my official dissenting opinion. In addition there should be a reference to the dissenting opinion in your letter to ATSRAC Members.

The ATSRAC Operating procedures require that the Working Group must "document its position, summarize the opposition's position, and state why the group believes its position is superior and why the opposing position should not be accepted."

Unfortunately Mr. Block left the Working Group no opportunity to respond to his dissenting opinion. I therefore submit to ATSRAC for inclusion in the public record the following items:

This letter describing the nature of the attached documents,
The Intrusive Inspection Working Group's Final Report,
Mr. Block's dissenting opinions and my response to the dissenting opinions.
The Intrusive Inspection Working Groups' Action Item List for completion of report.

Also enclosed is the USAF report, Radiograph Inspection of Wire Bundles. This work was commissioned by the Intrusive Inspection Working Group as a supplemental test to assess the state of conductors within two feet of the connectors (where maintenance action may have resulted in metal fatigue of the wire). This report was submitted to the Working Group too late for our consideration. It is submitted here without comment or endorsement.

I request that ATSRAC accept this package as complete disposition of the Working Group's responsibility to submit to the ATSRAC a final report. If the Committee or other interested party so desires, the Working Group or its individual members will submit errata or supplemental position papers.

Sincerely,

Christopher Smith
Chairman of the Intrusive Inspection Working Group