



Introducing the Maintenance Briefing Notes



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1 | Airbus Briefing Notes Concept Goes Global

Briefing Notes have been developed to constitute a safety-awareness reference for all aviation actors, regardless of their role, type of equipment and operation.

Briefing Notes provide an equal focus on Flight Operations, Cabin Operations and Maintenance.

The Issue # 01 - January 2005 - of the Safety First magazine introduced the Flight Operations Briefing Notes - A Tool for Flight Operations Safety Enhancement (see feature article on pages 23-25).

The Issue # 03 - December 2006 – introduced the Cabin Operations Briefing Notes – A Tool for Cabin Operations Safety Enhancement (see feature article on pages 27-29).

With this Issue # 04, Airbus is pleased to introduce the Maintenance Briefing Notes series.

2 | Introducing the Maintenance Briefing Notes

Statistics on the contribution of maintenance errors to incidents and accidents vary widely, from 5 % as a primary cause up to 30 % as a contributing factor. Maintenance errors also impact the profitability of operations, being responsible for 15 % of delays, 50 % of delays / cancellations due to an engine-related cause and 20 % of in-flight shutdowns.



Acknowledging that human errors can be reduced but not eliminated, error-management offers one of the promising avenue for safety enhancement.

The Maintenance Briefing Notes series was created to provide an eye-opening and self-correcting approach to human performance in maintenance. This publication will provide operators with lessons-learned derived from real-life case studies, highlighting :

- Statistics;
- Applicable procedures and best practices;
- Involved technical and human factors;
- Company prevention strategies / personal lines-of-defenses; and,
- Reference Airbus or regulatory material.

Maintenance Briefing Notes are developed by a panel of experts in engineering, human factors, scheduled and unscheduled maintenance, maintenance documentation and maintenance training.

3 | Scope of Maintenance Briefing Notes

The first Maintenance Briefing Note, issued in December 2006, is dedicated to Human Performance and Limitations, highlighting the challenges resulting from the traffic growth and increased demands upon aircraft utilization, the pressure of maintenance operations for on-time performance and the resulting growing need for an enhanced awareness of the importance of human factors issues in aircraft maintenance.

The upcoming Maintenance Briefing Notes will further explore subjects such as :

- Craftsmanship;
- Standard / best industry practices;
- Specific techniques; and,
- Trouble-shooting.

4 | Conclusion

Flight safety enhancement has often focused on operational issues. The Airbus Maintenance Briefing Notes are intended to tackle maintenance issues, thereby contributing to the enhancement of maintenance.

The Flight Operations Briefing Notes, the Cabin Operations Briefing Notes and the Maintenance Briefing Notes constitute respectively the Volumes 1, 2 and 3 of the Airbus web Safety Library posted on the Airbus corporate website

http://www.airbus.com/en/corporate/ethics/safety_lib/



Safety First

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increased knowledge and communications.

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