

A4A NDT FORUM

SAE TECHNICAL COMMITTEE

- SAE/AMS-K Non-Destructive Methods and Processes
- Robert Siegel Chairman

SAE TECHNICAL COMMITTEE AMS K NON DESTRUCTIVE METHODS AND PROCESSES

- **Nondestructive Methods and Processes, AMS Committee K**, prepares, and revises documents related to nondestructive testing technology, such as fluorescent penetrant, magnetic particle, X-ray, ultrasonic, and eddy current, through the participation of manufacturer's suppliers, users, and interested government agencies.
- The Committee is a forum for the interchange of ideas and experiences of the participants, resulting in the publication of specifications that embody sound, established aerospace industry practices, and requirements to serve the suppliers and customers of aerospace materials.

AMS K

NON DESTRUCTIVE METHODS AND PROCESSES

Chair – Robert Siegel (Sherwin Inc.)

Secretary – Alex Melton (Delta Air Lines)

Membership – 110

	Total	Users	Producers
Voting Members	20	8	12
Liaisons	48	33	15
Mailing list	41	34	7

Committee Documents – 29

PT - 3

MT – 12

UT - 9

Semi-annual meetings

Spring (co-located with ASNT Research Symposium)

Fall (co-located with A4A NDT Forum)

WebEx Meetings for remote participation

SAE TECHNICAL COMMITTEE AMS K NON DESTRUCTIVE METHODS AND PROCESSES

- Voting Member

Members have full access to website work areas, actively contribute to document development, and are required to respond to all ballots

- Liaison

Liaisons have full access to website work areas, contribute to technical discussions, and receive ballots

- Mailing List

Recipient Mailing List Recipients receive email updates on meetings, agendas, and minutes but do not have full access to the work areas and do not receive ballots.

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NON DESTRUCTIVE METHODS AND PROCESSES

PUBLISHED DOCUMENTS

AMS2628B Enhanced Ultrasonic Immersion Inspection for Titanium Alloy and other Metal Alloy Billets

AMS2634B Ultrasonic Inspection, Thin Wall Metal Tubing

AMS2644G Inspection Material, Penetrant

ARP4462B Barkhausen Noise Inspection for Detecting Grinding Burns in High Strength Steel Parts

AIR4964 Exposure Levels of UV Radiation in Nondestructive Inspection Processes

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NON DESTRUCTIVE METHODS AND PROCESSES

Documents Under Review

ARP4402A

Eddy Current Inspection of Open Fastener Holes in Aluminum Aircraft Structure

AS4787A

Eddy Current Inspection of Circular Holes in Nonferrous Metallic Aircraft Engine Hardware

AMS2641

Vehicle, Magnetic Particle Inspection Petroleum Base

AS5282

Tool Steel Ring for Magnetic Particle Inspection

AMS3046G

Magnetic Particles, Fluorescent Wet Method, Oil Vehicle, Aerosol Packaged

AMSSTD2152D

Inspection, Ultrasonic Wrought Metals, Process for