

Aging General Aviation Aircraft Education & Training

Recommended Curriculum Checklist for:

Systems and Equipment DERs and FAA Systems ASEs

Curriculum Level	Education & Training Component	Where to Find it	Notes
<input type="checkbox"/> References	ASTM F2639-07 Standard Practice for Design, Alteration and Certification of Airplane Electrical Wiring Systems	http://www.astm.org/Standards/F2639.htm	DERs and ASEs should refer to the ASTM standard when designing and approving wiring design and alterations.
<input type="checkbox"/> Continuing Education	AC 43-16A Aviation Maintenance Alerts	http://www.faa.gov/aircraft/safety/alerts/aviation_maintenance/	Published monthly. Provides owners, pilots and mechanics with info on maintenance issues, including summaries of service difficulty reports.
<input type="checkbox"/> Continuing Education	FAA DER Seminars	http://www.faa.gov/training_testing/training/air_training_program/designee_training/	DERs and ASEs should participate in DER recurrent seminars for the latest information on aging GA airplanes.
<input type="checkbox"/> Continuing Education	Journal and conference publications and presentations	http://www.aiaa.org/content.cfm?pageid=2 http://store.sae.org/	Available from AIAA, SAE and similar organizations. DERs and ASEs should review technical journals and conference publications for articles and presentation on aging issues.
<input type="checkbox"/> Continuing Education	Web-based course on aging general aviation airplanes focusing on the lessons learned from teardowns of aging airplane electrical systems.	Net yet developed.	ASEs should review this course for information learned from teardowns of aging airplane electrical system.
<input type="checkbox"/> Continuing Education	Interaction with airplane owners, pilots, maintenance professionals and DERs.		ASEs should take every opportunity to interact with airplane owners, pilots, maintenance professionals, ASIs and DERs. This facilitates open communications with these stakeholders and provides insights to aging GA issues.