

4. [General.]

[(a) Builders of composite aircraft are urged to familiarize themselves with the recommended procedures for fabricating composite materials. As a part of this process, builders should:

- [(1) carefully review all aspects of the design and designer's instructions;
- [(2) review inspection and repair instructions;
- [(3) familiarize themselves with related material regarding composite aircraft construction;
- [(4) fabricate the aircraft structure in conformance with the designer's instructions, other instructions or any other "mandatory" advice in the form of newsletter or service bulletins;
- [(5) not substitute for specified materials unless authorized by the designer;
- [(6) ensure proper shop and working conditions (temperature, humidity); and
- [(7) ensure proper joint preparation.

[(b) It is strongly recommended that builders make and retain for future reference, representative samples of all bonded joints, paying particular attention to those made during environmental changes of temperature, humidity etc.]

5. [Reference Bibliography/Material.]

The Experimental Aircraft Association Aviation Foundation offers for sale publications and videos on the subject of composite aircraft construction. Information may be obtained by contacting:

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