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Notice #: 2017-001	Supersedes: N/A
Release Date: 06/27/2017	Effectivity Date: 06/27/2017
Aircraft Make/Model: Glasair / Merlin M-1	Serial No: 8000
Limitations for completion of any required corrective action: Immediately	

SAFETY ALERT

NOTE: Always use proper protective gear and safety equipment when performing service or repair as required by OSHA and or your state or local safety authority.

NOTE: Logbook entries must be made that show the successful completion of corrective action. The information shall include, who performed the repair, when the repair was performed, and what parts were used (including batch and date information), from where they came, invoices, etc.

INSTRUCTIONS

- 1. Description of Corrective Action:** Propeller had a structural failure during operation causing blade deformation and heavy vibration requiring immediate return of aircraft to AWO Arlington WA. Ground aircraft for propeller removal and evaluation and general aircraft evaluation. Have engine / gearbox evaluated by engine manufacturer representative. Notify propeller manufacturer of failure.
- 2. When Corrective Action Must Take Place:** Upon receipt of this Safety Alert
- 3. Level of Certification Required:** A&P Mechanic
- 4. Tools Required:** See QAM-102 Merlin Maintenance Manual.
- 5. Parts Needed:** See QAM-102 Merlin Maintenance Manual.
- 6. Where to Obtain Parts:** Glasair Aviation
- 7. Detailed Steps:** See QAM-102 Merlin Maintenance Manual and Sensenich 2A0 Installation Manual.