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| Notice #: 2016-002 | Supersedes: N/A |
| Release Date: 6-30-2016 | Effectivity Date: 6-30-2016 |
| Aircraft Make/Model: Glasair Merlin M-1 | Serial No: 8000 |
| Limitations for completion of any required corrective action: Prior to next operation of aircraft | |

SERVICE BULLETIN

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:** Inspection / Replacement / Adjustment as required of rudder pedal brake lines to ensure the correct amount of slack exists for unstressed movement of the brake lines.
- 2. When Corrective Action Must Take Place:** Prior to next aircraft operation.
- 3. Level of Certification Required:** LSA Repairman-Maintenance (with Task Specific training), A&P Mechanic, FAA Repair Station.
- 4. Tools Required:** Brake line tools
- 5. Parts Needed:** Brake line, fittings, and fluid per the Bill of Materials if replacement is required.
- 6. Where to Obtain Parts:** Glasair Aviation, LLC
- 7. Detailed Steps:** Inspect rudder pedal brake lines through their full range of motion. Brake lines should have ample freedom to move as rudder pedals / brakes are articulated, but should not chafe against any surface which would cause damage to the brake lines. Refer to QAM-102 New, MERLIN MAINTENANCE MANUAL section 3.14.6 if brake line replacement is necessary to achieve proper brake line length. Bleed brake system and check / refill brake fluid reservoir as required.
- 8. Record accomplishment of this service bulletin and any certified materials used in the aircraft maintenance log book.**