



2011 CGC Safety Seminar

- 9:00-9:45 Review of Part 91 – Jeff Mack
- 10:00-10:45 Airspace Review – Mike Greenwald
- 11:00-11:45 Airworthiness & Maintenance – Ron Ridenour
- 11:45-13:00 Lunch
- 13:00-14:00 Annual Meeting – Don Kroesch, President
- 14:30-15:15 Decision Making & Risk Management – Ron R
- 15:15-16:00 Club Operations & Parachutes – Corky Imhoff

Airworthiness and Maintenance for Glider Pilots

Ron Ridenour
DPE, CFIG and SSF Trustee

Preflight Inspection

- Airworthiness & Registration Certificates (expires?)
- Placards & Instrument Markings
- POH/GFM
- Operating Limitations (Experimental)
- Current Weight and Balance & Equipment List
- Walk-around Inspection

Glider Assembly/Disassembly

- Who?
- By what authority?
- Checklist (POH)
- Positive Control Check
- Critical Assembly Check

Maintenance

- Annual Inspection
- 100 hour Inspection
- Transponder Check
- ELT Check and Battery
- Recurring AD notes
- Preventive Maintenance (Part 43)

Inoperative Equipment

- FAR 91.213 (MEL?)
- (d) (1) (i) airplane (towplane), glider
- (d) (2) (i) TCDS
- (d) (2) (ii) POH
- (d) (2) (iii) 91.205 (powered civil aircraft)
- (d) (2) (iv) AD note
- (d) (3) (i) removed, placarded, maintenance recorded
- (d) (3) (ii) deactivated, “inop”, maintenance recorded
- (d) (4) determination by pilot and/or mechanic
- (d) (4) OK with Administrator (FAA)
- (e) Special Flight Permit (21.197 & 21.199)

Scenarios

- Inoperative Airspeed (rear seat?)
- Inoperative Radio
- Inoperative Vario
- Inoperative Navigation lights (motorglider)
- Annual Inspection OK, 120 hours since completed
- Glider on trailer , what now??
- Glider on flightline, what now??

PTS Area of Operation I

Preflight Preparation

- 1. Explaining—
 - a. required instruments and equipment for day/night VFR.
 - b. procedures and limitations for determining airworthiness of the glider with inoperative instruments and equipment.
 - c. requirements and procedures for obtaining a special flight permit.

- 2. Locating and explaining—
 - a. airworthiness and registration certificates.
 - b. operating limitations, placards, instrument markings, and POH/GFM.
 - c. weight and balance data and equipment list.
 - d. airworthiness directives.
 - e. compliance records.
 - f. maintenance/inspection requirements.
 - g. appropriate record keeping.