



GFA AIRWORTHINESS DIRECTIVE

- TYPE AFFECTED:** Blanik L13 all variants.
- SUBJECT:** Periodic maintenance requirements.
- BACKGROUND:** The factory maintenance requirements in addition to the annual GFA form 2 inspections and 20, 30 year surveys has resulted in a significant amount of extra work for Blanik operators but has not resulted in any improvement to Blanik safety.
- Some years ago simplified procedures for completing 50 hourly inspections were incorporated in AN 49 however the AD requirement to complete 50 hourly inspections in accordance with the Blanik Technical Manual was never removed. AD 77 has therefore been updated to remove any question over the status of the simplified procedures.
- DOCUMENTATION:** Report 82-10 Blanik 50 Hourly Inspections.
- ACTION REQUIRED:**
1. Inspection (LET Type A) in accordance with the Overhaul Program on page 29-35 of the Blanik Manual for Operation and Maintenance need not be followed.
 2. Every 50 hours \pm 5 hours the following inspections must be performed rather than the procedures listed in the Blanik Manual for Operation and Maintenance.
 - i) Carry out a Daily Inspection.
 - ii) Measure the freeplay of all control surfaces.
 - iii) Check the tailplane for excessive tip movement.
 - iv) Check the rudder cables for wear and fatigue especially at all pulleys and at the rudder horn. Check that the pulleys turn freely and if necessary lubricate.
 - v) Clean out under the floor. Ensure the entire aircraft is clean.
 - vi) Check the Oleo leg for correct pressure and any leaks.

SIGNED:

CHIEF TECHNICAL OFFICER AIRWORTHINESS

For and on behalf of:

THE GLIDING FEDERATION
OF AUSTRALIA

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- vii) Lubricate the undercarriage.
- viii) If you have not reinforced bulkhead No. 1 in accordance with AD 104, perform the following check:

Check bulkhead No. 1 for cracks originating at bolts fastening countershaft brackets. If there are cracks up to a length of 6mm, drill holes (diameter 2,5 mm) at the end of the cracks and reinforce the bulkhead as instructed in AD 104, Paragraph A. Should longer cracks be found, the method of repair is to be determined individually.
- ix) Check the front rudder pedal bracket for cracks. Therefore open the nose cone and inspect the tube with a magnifying glass (6x). If any cracking is found replace the component and enter the results in the Maintenance Release.
- x) Perform any other maintenance which experience has shown to be necessary under local conditions.
- xi) Fill in the maintenance release.

WEIGHT AND BALANCE: Not affected.

IMPLEMENTATION: 50 Hourly inspections may be completed by persons rated "Replacement of Components - Metal" except that if work beyond the normal functions of a Component Replacement Inspector is required that work must be checked by persons rated as "Annual Inspectors - Metal".

COMPLIANCE: The requirements of this GFA Airworthiness Directive are mandatory. This Directive is issued pursuant to the Rules and Regulations of the Gliding Federation of Australia.