



## GFA AIRWORTHINESS DIRECTIVE

- TYPE AFFECTED:
1. SZD-41A Jantar Standard. Serial Numbers B-628 to B-933 excluding B-700 to B-703.
  2. SZD-48 Jantar Standard 2. Serial Numbers W-846 to W-890
  3. SZD-48-1 Jantar Standard 2. Serial Numbers W-891 to W-926 and B-985 to B-1274 excluding B-1266 and B-1268.
  4. SZD-48-3 Jantar Standard 3. Serial Number B-1275 and above and SZD-48-2 Jantar Standard 2 serial numbers B-1266 and B-1268.

SUBJECT: Extension of service life to 6000 Flight Hours.

BACKGROUND: Overseas fatigue testing has shown that the service life of Jantar Standard gliders may be increased beyond the manufacturer's initial service life of 1500 hours.

The service life of gliders listed in 1, 2 and 3 above can be increased to 6000 hours provided that the Spar spigot pins are replaced with a later design in accordance with PZL-Bielsko Service Bulletin BE-037/89.

The service life of gliders listed in 4 is increased from 3000 to 6000 hours.

The manufacturer has also taken the opportunity to eliminate the 6 yearly inspections. In Australia this requirement was waived in 1986 because the inspection schedule simply covers items which are part of a normal Annual Inspection.

Recently GFA has found a Jantar where the pins were replaced prior to 1989 with old style pins, and signed off on this AD. It was therefore not safe from pin failure and required the new pins. The Registered Operator must check all Jantars for date of pin replacement and that pins from pre-1989 are the new style. Visible on derig, no destruction.

DOCUMENTATION: PZL-Bielsko bulletins:  
BE-026/86 "JANTAR ST"  
BE-035/88 "JANTAR STD 3"  
BE-037/89 "JANTAR ST"  
BE-044/93 "JANTAR STANDARD"  
BE-045/93 "JANTAR"

SIGNED:

Chairman of the Airworthiness Dept.

For and on behalf of:

**THE GLIDING FEDERATION  
OF AUSTRALIA**

**ACTION REQUIRED:**

1. Before next flight; For gliders listed in 1,2 and 3 above that have had their spar spigot pins replaced prior to October 1988, irrespective if AD 304 has been acquitted in the glider logbook, carry out the following inspection. With the glider de-rigged perform a detailed inspection of the end face of the wing spars. If the new style of spigot pin is fitted the front face of the aluminum block should be visible. Picture below shows the new style spigot pin installed per PZL Bielsko Service Bulletin BE-037/89. If it can be determined that the new style pins are fitted then reference this inspection in the glider's logbook and no further action is required. If the original style spigot pins are installed carry out the requirements of step 3 below.



2. For gliders listed in 4 above; the maintenance manual should be updated by deleting references to a 1500 or 3000 hour service life and entering a service life of 6000 hours. All references to the 6 yearly inspections should be deleted.

3. Prior to reaching 3000 flight hours the gliders listed in 1, 2 and 3 above must have their spar spigot pins replaced in accordance with PZL Bielsko Service Bulletin BE-037/89.

4. For gliders listed in 1, 2 and 3 above, once the intent of PZL Bielsko Service Bulletin BE-037/89 has been accomplished update the glider's Maintenance Manual by deleting references to 1500 or 3000 hour service life and replacing with 6000 flight hours. At the same time all references to the 6 yearly inspections should be deleted.

5. Provided the sailplane is subject to GFA Form 2 inspections (observing all freeplay, mass balance and rigging limitations specified in the maintenance manual) the 1000 hour inspection requirement may be waived.

**WEIGHT AND BALANCE:** Not affected.

**IMPLEMENTATION:**

Updating of the Manuals may be performed by the Registered Operator. An Annual Inspector must certify the inspection if required. Submit a defect report on old pins occurrences and replacement to a SOAR defect report on the web or by mail.

Only persons rated Major Repairs FRP may certify spar pin replacement.

**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.