



## THE GLIDING FEDERATION OF AUSTRALIA

**GFA AD 564**  
(ISSUE 1)

### GFA AIRWORTHINESS DIRECTIVE

- TYPE AFFECTED:** DG-400, 17 metre version.
- SUBJECT:** Fitting of winglets to 17 metre wings, in accordance with Gisborne Aeronautics Engineering Order GA-DG-400-EO-044.
- BACKGROUND:** A fatal accident occurred in Japan to a DG-400. Although the actual cause of the accident has not been disclosed by the Japanese authorities, the aircraft was fitted with factory approved and manufactured 17 metre wing extensions, to which were fitted winglets designed and manufactured in Australia in accordance with the above Engineering Order. A Japanese Airworthiness Directive has been issued prohibiting further flight of DG-400 aircraft with this combination of wing modifications. It is considered prudent to prohibit further flight in similarly modified Australian-registered DG-400s.
- DOCUMENTATION:** Japanese AD No TCD-5578-2001 is attached to this AD for background information.
- ACTION REQUIRED:** Remove winglets produced in accordance with EO GA-DG-400-EO-044 from any DG-400 aircraft with 17 metre wing extensions fitted. This action is required before further flight. As with the Japanese AD, an alternative means of compliance with this AD may be used, if approved by the GFA CTO/A.
- WEIGHT AND BALANCE:** Not affected.
- IMPLEMENTATION:** Before further flight.
- 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.

SIGNED:

*[Signature]*  
*[Signature]*



CHIEF TECHNICAL OFFICER AIRWORTHINESS

For and on behalf of:

THE GLIDING FEDERATION  
OF AUSTRALIA

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KOKU-KU-KI-327	No. TCD-5578-2001
Date May 25, 2001	
<p>Japan Civil Aviation Bureau TAIKUSEI-KAIZEN-TSUHO <u>Airworthiness Directive</u></p> <p>The undermentioned examinations or modifications are mandatory.</p>	
<p>1. Applies to : Glaser-Dirks Model DG-400 motor-gliders installed winglets of 17 meters extension-wings in accordance with Gisborne Aeronautics Engineering Order GA-DG400-EO-044.</p>	
<p>2. Compliance required as indicated, unless already accomplished.</p> <p>To ensure the structural integrity of the motor-gliders, accomplish the following.</p> <p>2.1 From the effective date of this Airworthiness Directive(AD), any further flight of the motor-gliders installed the winglets of 17 meters extension-wings in accordance with Gisborne Aeronautics Engineering Order GA-DG400-EO-044 is prohibited.</p> <p>2.2 An alternative means of compliance with this AD may be used, if approved by the Director-General of JCAB.</p>	
<p>3. Remarks</p> <p>This AD becomes effective on June 8, 2001.</p>	