



British Gliding Association - Technical News Sheet

Issue 2-2007**Date: 01/05/2007**

Airworthiness Information:

- 1. APEX DR400** **AD 2007-0071** **(Mandatory)**
Wings – Main spar and fabric covering
http://ad.easa.europa.eu/blob/easa_ad_2007_0071.pdf/AD_2007-0071_1
- 2. DG 300 series** **AD 2007-0100-E, TN359/24** **(Mandatory)**
Flight Envelope – Operating Limitations and inspection/modification
Please note: BGA Extended weight concession is withdrawn until satisfactory structural inspections are completed.
http://ad.easa.europa.eu/blob/easa_ad_2007_0100_e_corrected.pdf/EAD_2007-0100-E_1
- 3. DG500 series** **(Information)**
Optional rear seat headrest must be secured by restraining cords as detailed in TN 843-6 or 348-5. Failure to secure can cause headrest to fall forward and restrict rear control stick, if flown solo.
Details sent to all DG500 series owners
<http://www.weberdata.de/~techdg/TN-DG/dg-500/dg-500mb/843-06/tn-843-06.rtf>
- 4. DG1000 T** **(Information)**
Various reports.
Cracking of DG1000 T propeller at transition from shaft to blade section. Not considered dangerous by DG. BGA advice is not to fly with cracked propeller, as cause cannot be assured without detailed investigation.
<http://www.gliding.co.uk/bgainfo/technical/documents/dg1000-prop-crack.jpg>
- 5. Piper PA25** **AD 2007-08-07** **(Mandatory)**
FAA AD mandating tail plane inspection/modification Argentinean AD2006-06-01R1 and SB 25/53/03.
http://www.airweb.faa.gov/Regulatory_and_Guidance_Library/rgAD.nsf/0/31D0B3C72BCA0231862572BF0058893D?OpenDocument
- 6. Schleicher K6E** **(Information)**
Reported by R A Jones, Dartmoor Gliding Club.
Delamination of stern post following hard ground strike. This type of damage is consistent with general deterioration of wooden structures. Extra vigilance is needed during inspections to detect deteriorated structure.
- 7. Schleicher Ka6CR (also applicable to other older Schleicher types)** **(Information)**
Reported by D Bell, Burn Gliding Club.
Rudder pedal jammed behind fuselage frame. Saddle clamp found broken.
This is a known problem with this type of design. Inspect carefully during C of A inspections. Advise pilots if pedal is rubbing seek advice before continuing to fly.

- 8. Schleicher ASK13** (Information)
Reported by D Jones, Essex and Suffolk Gliding Club.
Broken wheel tie bolts. 3 of the 6 bolts had failed causing damage to brake. Cause not known. This is a common problem with split wheels. Be aware when removing wheels and deflating type is recommended, especially if something amiss is suspected.
- 9. ASW15** (Information)
Reported by Roger Andrews, Midland Gliding Club.
Various AD's missing from Compendium listing.
Compendium will be amended and updated at next issue.
- 10. SOCATA Rallye 180T CORRECTION** (Information)
As reported in TNS 1-2007 item 8. The entry should read "forward horizontal stabiliser mounting bracket".
<http://www.gliding.co.uk/bgainfo/technical/documents/socata-rallye-crack.jpg>
- 11. SZD Cobra & Foka** (Information)
Reported by T Nash,
Rigging damage can cause main spar attachment point lugs to break during rigging and fitment of the special expanding bolt device. The main cause looks like holding the wing tips too high. Any trouble rigging, especially if the expanding bolt tightens up too soon, must be investigated. It is recommended that the spar end lugs are carefully inspected during C of A inspection.
- 12. SZD 50-3 Puchacz** (Information)
Reported by A Pettitt
Severe corrosion on nose wheel fittings. Careful inspection during C of A recommended.

ENGINES

- 13. Rotax 912 series** AD 2007-0060R1-E (Mandatory)
Engine fuel pump replacement
http://ad.easa.europa.eu/blob/easa_ad_2007_0060R1_E.pdf/EAD_2007-0060R1-E_1
- 14. Rotax General** (Information)
When researching Rotax AD's please note name change to **BRP Rotax GmbH**. If using the EASA AD search engine it does not list the above AD under Rotax.
- 15. Superior Air Parts Cylinders** AD2007-04-19R1 (Mandatory)
Inspection and replacement of certain cylinders.
[http://www.airweb.faa.gov/Regulatory_and_Guidance_Library/rgAD.nsf/0/31d0b3c72bca0231862572bf0058893d/\\$FILE/SM2007-08.pdf](http://www.airweb.faa.gov/Regulatory_and_Guidance_Library/rgAD.nsf/0/31d0b3c72bca0231862572bf0058893d/$FILE/SM2007-08.pdf)

EQUIPMENT

None.

General Information

- CAA Airworthiness Notices**

Now available on the CAA web site as individual download documents with list of current and cancelled notices.

2. Listing of Airworthiness Directives in TNS and BGA Compendium of Airworthiness Directives

Due to the complexity of modern aircraft and the almost unlimited range of optional extras and equipment that may be installed in the aircraft, it is not possible for the BGA AD listings to cover every eventuality.

As part of the C of A check on gliders, motor gliders and tugs the equipment installed must be reviewed and a search carried out to establish if any Airworthiness Directives have been issued against that particular piece of equipment. M3's have been doing this for some time by completing the "Manufacturers AD check review date"

We will continue to publish Airframe. Engine & Propeller AD's as they are published and Equipment AD's as far as we know.

Remember; if your aircraft, engine, propeller or piece of equipment is not listed in the BGA listings it does not mean that there are no AD's, it means it is not included and there may be some.

Tug AD's are published "for information only" and must be fully researched during maintenance as required.

Compliance Statement:

All mandatory inspections and modifications have been included up to the following:

CAA CAP 455 Airworthiness Notices, Contents issue: 140 Checklist: 28 March 2007

CAA CAP 747 Mandatory Requirements for Aircraft, issue: 2 amendment: 4/2007

State of Design Airworthiness Directives review date: 01 May 2007

For reference:

FAA Summary of Airworthiness Directives. Bi-weekly listing 2007-09

EASA Airworthiness Directives review date: 01 May 2007

CAA CAP 474 Foreign Airworthiness Directives issue: 372

CAA CAP 476 Mandatory Aircraft Modifications and Inspections Summary issue: 287

CAA CAP 661 Mandatory Permit Directives, issue 2007/1

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