



AIRWORTHINESS BULLETIN

AWB 01-034 Issue 4 - 11 August 2017

De Havilland DH60 Moth (all variants), DH82 Tiger Moth (all variants) and DH83 Fox Moth (all variants) series Aircraft Wing and Aileron Spar Sets produced by The Croydon Aircraft Company of New Zealand

1. Effectivity

De Havilland DH60 Moth, DH82 Tiger Moth, DH83 Fox Moth series Aircraft Wing and Aileron Spar Assemblies.

2. Purpose

To advise registered operators about action taken by the NZ CAA in relation to the issue of suspected unapproved parts fitted to Australian Registered Aircraft.

3. Background/Reason for Revision

This revision to the AWB is to advise operators that the NZ CAA has released Emergency Airworthiness Directives with expanded effectivity to include all variants of the DH82 aircraft (see links below). Issue dates for the NZ CAA STCs have also been included to allow operators to know when manufacturing of the affected spars was commenced.

Restatement of previous information in Issues 1, 2 and 3 of this AWB:

The New Zealand Civil Aviation Authority has issued the following (revised) ADs:

- Emergency Airworthiness Directive DCA/DH60/111A
- Emergency Airworthiness Directive DCA/DH82/129A
- Emergency Airworthiness Directive DCA/DH83/105A

The ADs also encompass some aileron spars and the part numbers for these are mentioned in the NZ CAA Airworthiness Directives.

New Zealand is the state of design for these aeronautical products (being wing spars manufactured under New Zealand STCs (0/21E/3 Issued 20 March 2003 and 0/21E/5 Issued 22 January 2003), and aileron spars under STC 0/21E/4 Issued 20 March 2003). Under CASR Part 39, these Airworthiness Directives are automatically adopted and applicable to all Australian Registered Aircraft in the effectivity of the AD.



Please refer to the CASA website and links below for copies of these Airworthiness Directives.

<http://services.casa.gov.au/airworth/airwd/ADfiles/under/dh60/DCA-DH60-111A.pdf>

<http://services.casa.gov.au/airworth/airwd/ADfiles/under/dh82/DCA-DH82-129A.pdf>

<http://services.casa.gov.au/airworth/airwd/ADfiles/under/dh83/DCA-DH83-105A.pdf>

4. Recommendations

Even though the NZ CAA has issued Airworthiness Directives to address the unsafe condition, CASA still recommends operators do the following so CASA can track the effect on Australian Registered Aircraft and provide further information to the NZ CAA:

1. By a review of maintenance records and a confirmatory visual inspection (if possible), determine if wing or aileron spars are a Croydon Aircraft Company spar assembly.
2. If the spar is identified as a wing or aileron spar manufactured by Croydon Aircraft Company, immediately supply a report to CASA via the [Defect Reporting Service \(DRS\)](#), or complete a suspected unapproved part form and send it to CASA via defect.reports@casa.gov.au or fax (02 6127 1920). Please also include a copy of any Authorised Release Certificate for the part (if available).
<https://www.casa.gov.au/files/form1058pdf>

Note 1: The NZ ADs require reporting of any affected spars found to CAA NZ, any reports already sent to CASA in accordance are considered to have met this requirement.

Additionally, if there is any evidence that your aircraft has other Croydon Aircraft Company parts installed, please contact the manufacturer for further advice as to the parts current manufacturing approval status.

5. Reporting

Via CASA DRS or Suspected Unapproved Part Form.



6. Enquiries

Enquiries with regard to the content of this Airworthiness Bulletin should be made via the direct link email address:

AirworthinessBulletin@casa.gov.au

or in writing, to:

Airworthiness and Engineering Branch
Aviation Group
Civil Aviation Safety Authority
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