



## COURTESY TRANSLATION

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Number: 01/26

### AIRWORTHINESS DIRECTIVE

- I. **AFFECTED PRODUCT:** De Havilland Moth DH60, 82, 82A, 82B and 83 aircraft
  - II. **HOLDER OF ORIGINAL DESIGN:** De Havilland aircraft company
  - III. **DATE OF ISSUE:** See date on digital signature
  - IV. **DATE OF EFFECTIVENESS:** Since day of issue
  - V. **REFERENCE:**  
Emergency Airworthiness Directive issued by the British Civil Aviation Authority G-2014-0001-E, dated 21 March 2014 and G-2014-0002-E, dated 12 September 2014 "Fuselage Main Structures - Lower Fuselage Tie-Rods"
  - VI. **DESCRIPTION OF THE UNSAFE CONDITION:**  
Examination of DH82 Tiger Moth aircraft which crashed in Australia indicated that both of the aircraft's fuselage lateral tie rods, which join the lower wings to the fuselage, had fractured in the threaded section near the join with the left wing (at areas of significant pre-existing fatigue cracking).
  - VII. **REQUESTED CORRECTIVE MEASURE:**
    - a. With immediate effect from the effective date of this AD, the aircraft is restricted to non-aerobatic flight until the provenance of the tie rods has been checked.
    - b. Within 10 flying hours from the effective date of this AD, check the provenance of the tie rods:
      - If tie-rods are of de Havilland manufacture\* in accordance with TNS 29 and CAA AD 006-10-97, no further action is necessary.
      - Remove and destroy all fuselage lateral tie rods and attaching nuts produced by J&R Aerospace and those of unknown provenance, and replace in accordance with Technical News Sheet Series CT(MOTH) No 29 available from de Havilland Support Limited UK (DHSL).
      - For other tie-rods not covered above, check life is within that approved by local Airworthiness Authority
- \* *This means one of the following:*
- *In aircraft model DH82, 82A and 82B, tie-rods identified with PN H 37869A, marked with ink, with DHSL graven in our extreme and a SN graven in the other extreme; the PN accepted for the nuts is H 37870; or*
  - *tie rods and attaching nuts that are the original equipment manufacturer (OEM) by OH, Morris Motors or OH (Australia) provided they are within their installed calendar or safe life of 2,000 flying hours or 18 years, or*
  - *manufactured by Bruntons Aero Products Ltd of the United Kingdom (UK). or*
  - *produced by HG Aerospace Engineering Ltd of the UK*



## VIII. ALTERNATIVE METHOD OF COMPLIANCE

This Airworthiness Directive (AD) requires the accomplishment of Technical New Sheet (TNS) CT (MOTH) No 29 Rev 3, that imposes 2000 flying hour life limitation and 18 years calendar life limitation upon the fuselage tie rods between the lower wing front spars.

EC-KCY has flown only 214 hours since the tie rods were replaced by new components during restoration in England. There is therefore no likelihood of fatigue cracking as this usage is approximately 10% of the authorised safe life. Moreover, this 2,000 hour life was based on Tiger Moth stress levels which greatly exceed those in the DH60X.

However, the tie rods in EC-KCY have exceeded the 18 year installed life which is imposed by the AD. The supply position today is that there are currently no new DH60X fuselage tie rods available which have quality assurance equal to that associated with the removed items. A sound case therefore exists for an Alternative Means of Compliance (AMOC) with the AD requirement, in respect of calendar lifing only, proposed by de Havilland Support Ltd – being the current equivalent in the UK (the State of Design for the de Havilland Moth series) of a Type Certificate Holder, as their letter Ref. DHSL/060/13149 dated 21/01/2025.

## IX. FURTHER INFORMATION:

In order to know more details you may contact:

- Agencia Estatal de Seguridad Aérea - División de Aeronavegabilidad Inicial  
(Spanish Aviation Safety Agency – Initial Airworthiness Division)  
Paseo de la Castellana 112 (28046) MADRID  
E-mail: [certificacion.aesa@seguridadaerea.es](mailto:certificacion.aesa@seguridadaerea.es) or Tel: 91.396.8000
- For any questions arising from the contents of this AD, please contact:  
DE HAVILLAND SUPPORT LIMITED  
DUXFORD AIRFIELD, CAMBRIDGESHIRE, CB22 4QR, ENGLAND  
TELEPHONE: +44 (0) 1223 830090  
E-MAIL: [info@dhsupport.com](mailto:info@dhsupport.com)

## LA COORDINADORA DE OPERACIONES AÉREAS Y AERONAVEGABILIDAD

(P.D.F. designada por la Directora de la Agencia Estatal de Seguridad Aérea en Resolución de 27 de enero de 2026)

Firmado electrónicamente

**Elena Carrera Toucedo**