

# SERVICE INFORMATION LETTER



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## SERVICE INFORMATION LETTER NO. SILD42L-001

NOTE: Service Information Letters are used only:

1. To distribute information from Diamond Aircraft Industries (DAI) to our customers.
2. To distribute applicable information/documents from our suppliers to our customers with additional information.

NOTE: Typically there is no revision service for SILs. Each new information or change will be sent along with a new SIL.

### 1. TECHNICAL DETAILS

#### 1.1 Aircraft Affected

ALL DA42 L360 aircraft with Lycoming L360 engines installed.

#### 1.2 Subject

Mt-Propeller -B Flange Installation Hardware Inspection on Lycoming Engines using SAE No. 2 mod 1/2 inch bolts and nuts of P/N C-060 and C-061.

#### 1.3 Reason

During the required scheduled inspection specified in the Aircraft Maintenance manual (AMM) and the MT-Propeller Operation and Maintenance Manuals, the nut P/N C-061 was found cracked on the propeller.

#### 1.4 Information

For technical information, refer to the attached MT-Propeller Service Bulletin No. 25 dated 30 April 2010.

### 2. OTHERS

Contact DAI or your local authorized Diamond Service Center.

To obtain satisfactory results, procedures specified in this service information letter must be accomplished in accordance with accepted methods and current government regulations. Diamond Aircraft Industries Inc. cannot be responsible for the quality of work performed in accomplishing the requirements of this service information letter. Diamond Aircraft reserves the right to void continued warranty coverage in the area affected by this service information letter if it is not incorporated. If you no longer own the aircraft to which this service information letter applies, please forward it to the current owner and send the name of the current owner to Diamond Aircraft Industries Inc. at the address below.

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	<p><b>SERVICE BULLETIN</b> <b>No. 25</b> - Initial Issue -</p>	<p>DOA No. EASA.21J.020</p>
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**Subject:** **MT-Propeller –B Flange Installation Hardware inspection on Lycoming Engines using SAE No.2 mod 1/2” inch Bolts and Nuts of Part Number C-060 and C-061 and installed between January 2008 and July 2009 during manufacturing and/or Overhaul.**

**To:** All owners/operators of MT-Propeller Models MTV-9-B-Series / MTV-12-B-series / MTV-14-B-Series / MTV-15-B-Series / MTV-25-B Series

**Type Affected:** MT-Propeller Models MTV-9-B-Series / MTV-12-B-series / MTV-14-B-Series / MTV-15-B-Series / MTV-25-B Series which were manufactured and/or overhauled from January 2008 till July 2009 and have nuts C-061 installed without the marking RS additional to the part number C-061.

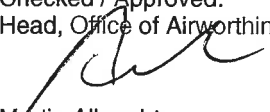
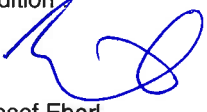
**Accomplishment:** Inspection of the installation Hardware Mounting Nut C-061 for possible longitudinal cracks.

**Reason:** During the required inspection called out in the Aircraft Maintenance Manuals and the MT-Propeller Operation and Installation Manuals a cracked nut C-061 was found on an MTV-9-B-C propeller.

**Action:** **Within the next 50 hrs inspection interval or annual inspection of the aircraft whichever occurs first. If a Nut is identified to have not the marking C-061 and RS stamped onto it and installed between January 2008 and July 2009 this nut must be visual inspected for Cracks. In case no cracks are found repeat visual inspection every 50 hrs. In case a crack is found replace all 6 nuts and bolts against a new mounting hardware with the newer part number.**

**Contact:** MT-Propeller Entwicklung GmbH  
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e-mail: techsupport@mt-propeller.com

This Service Bulletin has been approved according the procedures established for the EASA-certified Design Organization No.: EASA.21J.020.

<p>Checked / Approved: Head, Office of Airworthiness</p>  <p>Martin Albrecht Date: 30 April 2010</p>	<p>Edition</p>  <p>Josef Eberl Date: 30 April 2010</p>	<p>Page 1 of 1</p>
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