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| <b>EASA</b>  | <b>NOTIFICATION OF A PROPOSAL TO ISSUE AN<br/>AIRWORTHINESS DIRECTIVE</b>  |
|   | <p><b>PAD No.: 08-069</b></p> <p><b>Date: 17 June 2008</b></p> <p>Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>  |
| <p>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.</p> <p>All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</p> |  |
| <b>Type Approval Holder's Name :</b>   | <b>Type/Model designation(s) :</b>   |
| Diamond Aircraft Industries GmbH   | DA 42 series aircraft  |
| TCDS Numbers : EASA A.005, A.513   |  |
| Foreign AD :   | Not applicable   |
| Supersedure:   | None   |
| <b>ATA 00</b>  | <b>Airplane Flight Manual – Lightning Strike Procedures – Amendment</b>  |
| Manufacturer(s):   | Diamond Aircraft Industries GmbH (DAI)   |
| Applicability:   | DA 42 and DA 42 M aircraft, all serial numbers.  |
| Reason:  | <p>Diamond DA 42 and DA 42 M aircraft are prohibited from intentional flights into known thunderstorms. The Airplane Flight Manual (AFM) Section 2.13 already specifies that "Flights into known thunderstorms are prohibited". Nevertheless, some aircraft recently experienced lightning strikes with various resulting damage. The analyses of these incidents identified structural damages that may not be visible to the pilot.</p> <p>This condition, if not corrected, may lead loss of control or additional damage, even if the aircraft is subsequently operated within the allowed flight envelope.</p> <p>To address and correct this situation, DAI has developed additional AFM procedures to be applied in case of lightning strike, including an airspeed limitation and certain procedures to avoid additional loads to the structure.</p> <p>For the reasons described above, this EASA Airworthiness Directive (AD) requires the amendment of the applicable Airplane Flight Manual (AFM) to incorporate the new lightning strike procedure.</p> |
| Effective Date:  | [TBD: 14 days after final AD issue date]   |
| Required action(s) and Compliance Time(s):   | <p>Required as indicated, unless accomplished previously:</p> <p>Within 30 days after the effective date of this AD, amend the applicable AFM to incorporate the new lightning strike procedure in accordance with the instructions contained in DAI Temporary Revision TR-MÄM-42-270.</p>   |

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| Ref. Publications: | <p>Diamond Aircraft Industries GmbH Temporary Revision TR-MÄM-42-270 dated 31 May 2008.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>   |
| Remarks :          | <ol style="list-style-type: none"> <li>1. This Proposed AD will be closed for consultation on 16 July 2008.</li> <li>2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA; E-mail <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>3. For any questions concerning the technical content of the requirements in this PAD, please contact:<br/>Diamond Aircraft Industries GmbH, Austria.<br/>Telephone +43 2622 26700;<br/>Facsimile +43 2622 26780;<br/>E-mail <a href="mailto:office@diamond-air.at">office@diamond-air.at</a></li> </ol> |