

Gegenstand
Subject : Bekanntgabe der EASA Emergency AD No. 2013-0217-E betreffend Triebwerk
Solo 2350C

Introducing EASA Emergency AD No. 2013-0217-E concerning powerplant Solo
2350C

Betroffen
Applicability : DG-1000
Baureihe/variant DG-1000T

Dringlichkeit
Effectivity : 18. September 2013

Vorgang
Reason : In zwei Fällen trat ein Bruch der Exzenterwelle des Riemengetriebes auf, obwohl
diese Wellen der neuen Bauart gemäß der TM 4603-13 der Fa. Solo gefertigt
wurden.

In two occasions the excentric shaft of the reduction gear broke although these
shafts have been the new version according to to TN 4603-13 of the Solo company.


Massnahmen
Instructions : Ab dem Inkrafttreten der AD (18. September 2013) darf das Triebwerk nicht mehr
benutzt werden, bis es nach neuen EASA anerkannten Anweisungen (zu erstellen
von der Fa. Solo) geändert wurde.

From the effective date of the AD (18. September 2013), do not operate the engine,
unless the engine is modified in accordance with new instructions approved by
EASA (instructions to be issued by the Solo company), which remove the
operational restriction imposed by this AD.

Material:
Bruchsal 17.09.2013 EASA Emergency AD No. 2013-0217-E

Bearbeiter/Author:
W. Dirks

Wilhelm Dirks

EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2013-0217-E</p> <p>Date: 16 September 2013</p> <p>Note: This Emergency Airworthiness Directive (AD) 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>This AD is issued in accordance with EU 748/2012, Part 21.A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>	
<p>Design Approval Holder's Name: SOLO Kleinmotoren GmbH</p>	<p>Type/Model designation(s): Solo 2350 C engines</p>
TCDS Number:	EASA.E.219
Foreign AD:	Not applicable
Supersedure:	None
ATA 72	Engine – Operation Restriction
Manufacturer(s):	Solo Kleinmotoren GmbH
Applicability:	<p>Solo Model 2350 C engines, all manufacturer serial numbers, equipped with a non-foldable propeller.</p> <p>These engines are known to be installed on, but not limited to, DG-Flugzeugbau Model DG-1000T powered sailplanes.</p>
Reason:	<p>An occurrence of Solo 2350 C engine shaft failure and consequent propeller detachment was reported. The preliminary investigation revealed that the failed shaft was earlier modified in accordance with an approved method.</p> <p>This condition, if not corrected, could lead to additional cases of release of the propeller from the engine, possibly resulting in damage to the sailplane, or injury to persons on the ground.</p> <p>For the reasons described above, this AD prohibits operation of the engine.</p> <p>This AD is considered to be a temporary measure and further AD action will follow.</p>
Effective Date:	18 September 2013

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: From the effective date of this AD, do not operate the engine, unless the engine is modified in accordance with the instructions approved by EASA, which removes the operational restriction imposed by this AD.
Ref. Publications:	None.
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The results of the safety assessment have indicated the need for immediate publication and notification, without the full public consultation process. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: Solo Kleinmotoren GmbH, Postfach 600152, 71050 Sindelfingen, Germany, Telephone: +497031301-0, Fax: 497031301-136, E-mail: aircraft@solo-germany.com.