



EASA Safety Information Bulletin

SIB No.: 2008-48
Issued: 09 June 2008

- Subject:** Honeywell TPE331 Engines Negative Torque Sensing (NTS) System Daily Checks.
- Ref. Publication:** Federal Aviation Administration (FAA) Special Airworthiness Information Bulletin (SAIB) CE-08-25 dated 23 May 2008; and RUAG Aerospace Technology Flight Operations Information FOI-228-009, and Operating Information Letters OI331-20R1 and OI331-22.
- Description:** FAA has published the referenced advisory document (attached as page 2 of this bulletin) to bring an airworthiness concern to the attention of operators and maintenance personnel of RUAG (formerly Dornier Luftfahrt GmbH) 228 series aircraft, concerning daily checks of the TPE331 engine Negative Torque Sensing (NTS) System.
- After reviewing the available information, EASA concurs with the advisory and fully supports the FAA recommendations contained therein. This SIB is published to ensure that all owners and operators of affected aircraft, registered in European Union Member States or associated countries, are aware of these recommendations.
- Applicability:** Model 228-100, 228-101, 228-200, 228-201, 228-202 and 228-212, all serial numbers. These aircraft were manufactured by Dornier Luftfahrt GmbH.
- Contact:** For further information contact the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu.



FAA
Aircraft Certification Service

SPECIAL AIRWORTHINESS INFORMATION BULLETIN

SAIB: CE-08-25

Date: May 23, 2008

SUBJ: Propellers/Propulsion - Controlling

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin is being issued to alert operators of the Dornier 228 series airplanes of daily checks of the negative torque sensing (NTS) system that are recommended by RUAG Aerospace Technology, which manages the continued airworthiness of these airplanes.

Background

The manufacturer of the engines used on the Dornier 228 series airplanes, Honeywell, has issued operating information letters (OIL) for daily cockpit checks of the NTS systems of the TPE331 series turbo shaft engines installed on the Dornier 228 series airplanes. The NTS system, if inoperative in the case of an engine failure, can cause severe airplane controllability problems. In certain circumstances and altitudes, the airplane may not be recoverable.

At this time, this airworthiness concern is not considered an unsafe condition that would warrant an airworthiness directive (AD) action under Title 14 of the Code of Federal Aviation Regulations (14 CFR part 39).

Recommendations

RUAG has issued Flight Operations Information FOI-228-009, which recommends that the daily NTS checks of Honeywell OIL OI331-20R1 and OI331-22 (depending on the type of NTS system installed) be done daily. The FAA recommends compliance with the provisions of the flight operations information; the provisions of which will be incorporated into the pilots operating handbook (POH).

For Further Information Contact

Karl Schletzbaum, Aerospace Engineer, Small Airplane Directorate, 901 Locust Street, Room 301, Kansas City, MO 64106; phone: (816) 329-4146; fax: (816) 329-4090; e-mail: karl.schletzbaum@faa.gov.

For Related Service Information Contact

RUAG Aerospace Defence technology, P.O. Box 1253, D-82231 Wessling, Germany; phone: 011-49-8153-302280; fax: 011-49-8153-302230.