



SAIB: CE-15-17

SUBJ: Engine; B-N Group Ltd. BN-2T Series Airplane Engine Installations

Date: May 21, 2015

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin is being issued to alert owners and operators of **B-N Group Ltd. BN-2T** series airplanes (specific models as identified in Britten-Norman Aircraft Ltd. Service Bulletin (SB) 315) of an airworthiness concern.

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

Background

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued a Safety Information Bulletin (SIB) No.: 2015-10, regarding the Rolls-Royce Corporation Models 250 B17 and 250B17F engine installations on B-N Group Ltd. BN-2T series airplanes.

Rolls-Royce Corporation has released an improvement package for Models 250 B17 and 250B17F engines, identified as "Enhanced Power Turbine", which consists of Commercial Engine Bulletin (CEB) TP A-1343 and TP CEB-1345 for Model 250B17 engines or TP CEB 72-2093 and CEB TP A-72-2091 for Model 250B17F engines.

Britten-Norman Aircraft Ltd. has an approved modification (NB-M-1904) available to allow installation of those modified engines on certain BN2T series 'Turbine Islander' airplanes, which involves replacing N2 gauges and torque gauges, a modification of the power conditioning lever gate on the throttle quadrant, and an airplane flight manual supplement detailing revised flight limitations. Without this concurrent modification, installation of the modified engines is considered not authorized.

Britten-Norman Aircraft Ltd. has not developed an approved modification for installation of modified engines on BN2T-4R or BN2T-4S 'Turbine Islander' airplanes.

EASA did not issue an AD concerning this situation because at this time this situation is not considered to be an unsafe condition that would warrant AD action.

Recommendations

The FAA recommends that maintainers of the mentioned airplane models be aware that installation of the modified engines referenced above is authorized only for the BN2T series airplanes and not for the Models BN2T-4R and BN2T-4S airplanes.

For Further Information Contact

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