



FAA
Aviation Safety

SPECIAL AIRWORTHINESS INFORMATION BULLETIN

SAIB: NM-11-60

Date: September 29, 2011

SUBJ: Landing Gear

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin advises registered owners and operators of certain **Hawker Beechcraft Corporation Model BAe.125 Series 800A (including C-29A and U-125), 800B, 1000A, and 1000B airplanes; and Model Hawker 750, 800 (including variant U-125A), 800XP, 850XP, 900XP, and 1000 airplanes** of an airworthiness concern regarding the drag stay assembly of the nose landing gear (NLG).

Background

Since 1998 there have been several reports of slow extension of the NLG on the airplanes listed above. These incidents resulted in the NLG eventually achieving a down and locked position. During an isolated incident in February 2011, the flightcrew opted for a gear up landing instead of continuing the efforts to extend the NLG.

Engineering analysis of the incidents revealed that the cause of the NLG delays was the drag stay assembly. This analysis resulted in a major change to improve the design and operation of the drag stay assembly of the NLG. Consequently, Hawker Beechcraft Corporation issued service information to provide operators with guidelines for modifying (reworking and replacing certain components) the drag stay assembly of the NLG. This modification increases dimensional tolerances and improves the rigging of the overcenter angle, which enhances the overall performance of the assembly during extension of the NLG.

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.

Recommendations

The FAA recommends that all owners and operators of the airplanes listed above comply with the actions outlined in Hawker Beechcraft Service Bulletin SB 32-4068, dated July 2011.

For Further Information Contact

Stephen Gielisch, Aerospace Engineer, Systems and Propulsion Branch, ACE-116W, Wichita Aircraft Certification Office, 1801 Airport Rd. Room 100, Mid-Continent Airport, Wichita, Kansas 67209; telephone: (316) 946-4147; fax: (316) 946-4107; e-mail: stephen.gielisch@faa.gov.

For Related Service Information Contact

Hawker Beechcraft Corporation, Department 62, P.O. Box 85, Wichita, Kansas 67201-0085; telephone 316-676-8238; fax 316-676-6706; e-mail tmcdc@hawkerbeechcraft.com; Internet https://www.hawkerbeechcraft.com/service_support/pubs.