

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

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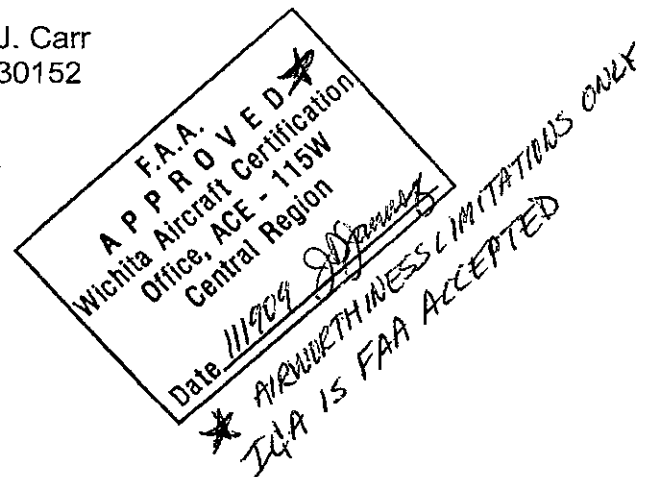
Installation of Hartzell Propeller
Model PHC-C3YF-2UF/FC7391D(B or K)

on

Hawker Beechcraft Corporation
Model 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B airplanes

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LOG OF REVISIONS

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INTRODUCTION

This document is intended to provide for the continued airworthiness of modifications defined in this STC for Hawker Beechcraft Corporation Model 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B airplanes. It is specifically concerned with the maintenance of the replacement of the existing propellers and spinners in pairs with the Hartzell, 3-blade, Model PHC-C3YF-2UF/FC7391D(B or K) propeller and Hartzell C-3567-1 or C-3567-1P spinner assembly. For all items not related to the altered propeller and spinner installations, refer to the basic airplane model service and parts manuals.

SYSTEM DESCRIPTION

The airplane systems as modified per this STC calls for the replacement of the existing propellers and spinners in pairs with the Hartzell, 3-blade, Model PHC-C3YF-2UF/FC7391D(B or K) propeller and Hartzell C-3567-1 or C-3567-1P spinner assembly. The existing governors will be retained.

SPECIAL OPERATING INFORMATION

See the Airplane Flight Manual Supplement for this STC for any special operating information.

SERVICE INFORMATION

Installation: Refer to Hartzell Manual 115N or the applicable airplane model Maintenance Manual for propeller and spinner service information.

Propeller and spinner parts: Refer to Master Data List Document No. 200503, and Hartzell Manual 115N and Hartzell Manual 117D.

TROUBLESHOOTING

Refer to Hartzell Manual 115N or the applicable airplane model Maintenance Manual for propeller and spinner service and troubleshooting information.

PARTS REMOVAL AND REPLACEMENT

Installation: Refer to Installation Instructions HPB55-IM-X, Hartzell Manual 115N and the applicable model airplane Maintenance Manual.

Parts: Refer to Installation Instructions HPB55-IM-X, Hartzell Manual 115N, Hartzell Manual 117D and the applicable model airplane Maintenance Manual.

PLACARDS

No placards are required for this propeller installation.

DATA

All information to support the continued airworthiness of this modification is contained in:

- Installation Instructions Document No. HPB55-IM-X
- Hartzell Manual 115N
- Hartzell Manual 117D
- The applicable basic model airplane Service and Parts Manual
- The applicable basic model airplane Maintenance Manual

INSPECTION

Annual and/or 100 hour inspection

1. The modified systems require no service other than inspection at normal inspection intervals.
2. At each Annual or 100 hour inspection check the operation of the propeller system per the applicable model airplane Maintenance Manual and Hartzell Manual 115N, adhering to the limitations contain in the Airplane Flight Manual Supplement that is part of this STC.

RECOMMENDED OVERHAUL PERIODS

See Hartzell Manual 115N, 117D and Service Letter 61 for applicable service intervals. No additional overhaul time limitations apply.

AIRWORTHINESS LIMITATIONS

The Airworthiness Limitations section is FAA approved and specifies maintenance required under Sec. 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved. Propeller airworthiness limitations are contained in Hartzell Manual 115N, 117D and Service Letter 61

ASSISTANCE & REVISIONS

Revisions to this ICA may not be distributed without prior FAA acceptance. Once an ICA revision is accepted by FAA it shall be distributed to all registered owners by either U.S. mail or via internet email at the election of the STC holder. The STC holder shall retain a list of all registered owners. This list shall be made available to FAA for any Continued Operational Safety issues (Airworthiness Directive, etc.) that arise concerning this STC. For questions or assistance regarding these Instructions for Continued Airworthiness (ICA), contact the Wichita Aircraft Certification Office at 316-946-4100, or by mail at 1801 Airport Road, Room 100, Wichita, KS 67209