

Hartzell Propeller, LLC 1 Propeller Place Piqua, Ohio 45356	<u>Title:</u> Instructions for Continued Airworthiness, Cessna 180 with Hartzell DHC-G2YF-1BFP F8849 Propeller	By: ETB	Page 1 of 6
		Ck: JMK	Doc. No. 61-25243-24-01
		App: FAA	Rev/Date: A June 10, 2026

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
CESSNA 180 WITH HARTZELL DHC-G2YF-1BFP F8849 PROPELLER

DOCUMENT NO. 61-25243-24-01

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LOG OF REVISIONS

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1 INTRODUCTION AND APPLICABILITY

This document describes the installation of a Hartzell DHC-G2YF-1BFP/F8849 constant speed two-blade propeller with 88 inch diameter utilizing aluminum blades.

This modification is applicable to Textron Aviation Inc. (Cessna) 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, and 180J models of aircraft.

2 CONTACT INFORMATION AND CHANGE DISTRIBUTION PROGRAM

Hartzell Propeller LLC will distribute changes to this document and all associated documents. It is the responsibility of the operator to ensure the documentation used for continued airworthiness is the most current and applicable document available. Requests for updated manuals can be sent to the contact information below.

Hartzell Propeller LLC
1 Propeller Place
Piqua, OH 45346

Phone: 1-800-942-7767
Website: www.hartzellprop.com

Inform the STC holder via the contact information above regarding any service difficulties related to this STC.

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3 SPECIFICATIONS

Propeller: Hartzell DHC-G2YF-1BFP/F8849

Maximum Diameter: 88 inches

Minimum Diameter: 86 inches

Low Pitch Blade Angle (measured at 30 inch blade station): $10.2^{\circ} \pm 0.2^{\circ}$

High Pitch Blade Angle (measured at 30 inch blade station): $31.0^{\circ} \pm 1.0^{\circ}$

4 SERVICING INFORMATION

All required maintenance, inspections, time intervals and procedures are provided in Hartzell Manual 115N (Hartzell Propeller Owner's Manual) provided with each propeller. Recommended Time-Between-Overhaul (TBO) limits for the STC propeller may be found in Hartzell Service Letter HC-SL-61-61Y (available at www.hartzellprop.com).

5 REMOVAL AND REPLACEMENT

Propeller removal should be accomplished in accordance with the Cessna 180 Maintenance Manual and Hartzell Propeller Owner's Manual 115N.

Installation Instructions 61-25243-39-01 should also be referenced for weight and balance changes and to verify correct tachometer markings.

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6 AIRWORTHINESS LIMITATIONS

The Airworthiness Limitations Section is FAA approved and specifies maintenance required under 14 CFR §§ 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

There are no new (or additional) airworthiness limitations associated with this equipment and/or installation.

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7 REFERENCE DOCUMENTS

The following references must be available to the installer. Contact the associated manufacturer to determine revision status of each document.

1. Hartzell Propeller Owner's Manual 115N, latest revision
2. Document Number 61-25243-39-01, Installation Instructions, Cessna 180 with Hartzell DHC-G2YF-1BFP/F8849 Propeller, latest revision
3. Cessna 180 Maintenance Manual