



Beech 33, 35 Bonanza and Debonair With IO-470-C, -J, -K, -N engine



Basic Kit:

Part Number: L3F00020STP

1 3-Bladed Propeller: PHC-L3YF-1RF/F8468A-6R

1 Polished Spinner: A-2295-1P

1 STC Document Set: SA818CE

Kit with Continental Oil Plug: (May be required for some IO-470-C, -N w/Beech Props)

Part Number: L3F00020STP*1

1 3-Bladed Propeller: PHC-L3YF-1RF/F8468A-6R

1 Polished Spinner: A-2295-1P

1 Continental Oil Plug: 633189

1 STC Document Set: SA818CE

Aircraft Serial and registration numbers required when ordering
All Prices FOB Hartzell Propeller Inc.
Prices do not include Ohio State Sales Tax
Installation and Dynamic Balancing available at an additional charge



BEECH BONANZA/DEBONAIR w. IO-470 ENGINE

Applicable Models: 35-33, 35-A33, 35-B33, 35-C33, E33, F33, G33, J35, K35, M35, N35, P35

***Note:** a governor change may be required in some cases.

***Note:** On earlier model aircraft with the IO-470-C engine an oil plug transfer tube or an oil plug may be required. The oil transfer tube is **NO LONGER AVAILABLE**.

Specifications: 80 inch diameter 3-bladed, aluminum hub propeller
2400 hour / 6 year TBO
80 pounds (prop & spinner)
diameter reduction allowable to 78 inches

Replaces: Beech 273 / 278 - 82 inch dia. 2-bladed prop
69 - 73 pounds (prop & spinner)
82 inch reduceable to 81.5 ins., some no reduction allowed

Flottorp F12A - 82-84 inch dia. 2-bladed prop
70 pounds (prop & spinner)
84 inch reduceable to 82 inch diameter
82 inch reduceable to 81.5 ins., some no reduction allowed

McCauley C23 - 84 inch dia. 2-bladed prop
66 pounds (prop & spinner)
Oil fill requirement per AD 89-26-08
Diameter reduction allowable to 82 inches
1200 hours / 5 year TBO

McCauley C76 - 80 inch dia. 3-bladed prop
70 pounds (prop & spinner)
Diameter reduction allowable to 78.5 inches
1200 hours / 5 year TBO

Hartzell BHC-92ZF - 84 inch dia. 2-bladed steel hub prop
70 pounds (prop & spinner)
Diameter reduction allowable to 82 inches
2000 hour / 5 year TBO

Hartzell A3VF - 80 inch dia. 3-bladed steel hub prop
94 pounds (prop & spinner)
400 hour inspection per AD 68-13-2
Clamp inspection/replacement per AD 85-14-10
Blade retention system inspection AD 97-18-02
Diameter reduction allowable to 78.25 inches

Advantages:

- vs. 2-bladed models
 - Lower noise
 - Better take-off and climb performance
 - Improved appearance
 - Less blade erosion
- vs. all models
 - Longer TBO
 - Current design (Bch, Fltp, Mc threaded, Hz steel obsolete)