



## Beech 33, 35, 36 Bonanza and Debonair With IO-520-B, -BA, -BB engine



### Basic Kit:

**Part Number:** C3F00120STP

**1 3-Bladed Propeller:** PHC-C3YF-1RF/F8468A-6R

**1 Polished Spinner:** A-2295-1P

**1 STC Document Set:** SA785CE

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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

Telephone: (937) 778-5726 Option 2 / (800) 942-7767 Option 2  
Internet: [www.hartzellprop.com](http://www.hartzellprop.com)

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**BEECH BONANZA/DEBONAIR w. IO-520 ENGINE**

**Applicable Models:** 35-C33A, E33A, E33C, F33A, F33C, S35, V35, V35A, V35B, 36, A36 (with IO-520 only)

**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:** 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

McCauley C406 - 80 inch dia. 3-bladed prop  
 68 pounds (prop & spinner)  
 Diameter reduction allowable to 78.5 inches  
 2000 hours / 5 years 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. McCauley 2-bladed model
  - Lower noise
  - Better take-off and climb performance
  - Improved appearance
  - Less blade erosion
  - Longer TBO
  - Current design (Mc threaded design obsolete)
- vs. McCauley 3-bladed models
  - Greater diameter reduction allowable
  - Longer TBO
  - Current design (Mc threaded obsolete)
  - Lower price than current design C406
- vs. Hartzell 3-bladed steel model
  - Lighter weight
  - Current design, less costly to maintain
  - Eliminates all repetitive inspections