



**Beech 33, 35, 36 Bonanza and Debonair  
With IO-520-B, -BA, -BB & IO-550-B engine**  
(STC'ed on original engines only)



**Basic Kit:**

- Part Number:** C3F00007STP
- 1 3-Bladed Propeller:** PHC-C3YF-1RF/F8068
- 1 Polished Spinner:** A-2295-1P
- 1 STC Document Set:** SA10135SC

**Kit with Electric De-ice (28 volt system only):**

- Part Number:** C3F02000STP
- 1 3-Bladed Propeller:** PHC-C3YF-1RF/F8068K
- 1 Polished Spinner:** A-2295-2P
- 1 Electric De-ice kit (prop):** 102544-1
- 1 Electric De-ice kit (airframe):** 102544-2 (replacing Hartzell)
- 1 Electric De-ice kit (airframe):** 102544-3 (replacing McCauley)
- 1 STC Document Set:** SA02556CH-D

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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



**BEECH BONANZA/DEBONAIR w. IO-520 or IO-550 ENGINE (standard engines only)**

**Applicable Models:** 35-C33A, E33A, E33C, F33A, F33C, S35, V35, V35A, V35B, 36, A36, G36

**\*De-ice note: 28-volt 3-blade to 3-blade electric system only; aircraft must previously have been equipped with de-ice**

**Specifications:** 82 inch diameter 3-bladed, aluminum hub, **scimitar** blade 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 or C409 - 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 hub)
  - Lighter weight
  - Current design, less costly to maintain
  - Eliminates all repetitive inspections
- vs. Hartzell 3-bladed (8468 blade)
  - Improved take off and climb performance
  - Improved aesthetics