



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

BEECH BONANZA/DEBONAIR w. IO-470, IO-520 or IO-550 ENGINE

Applicable Models: A35 through V35B including Turbocharged models; 33 through G33; 36, A36, A36TC, B36TC and G36; C55, D55, E55, 58

***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