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

Basic Kit:
Part Number: L2F00015STP
1 2-Bladed Propeller: BHC-L2YF-1BF/F8468AR
1 Polished Spinner: A-2295-P
1 STC Document Set: SA818CE

Kit with Continental Oil Plug: (May be required for some IO-470-C, -N w/Beech Props)
Part Number: L2F00015STP*1
1 2-Bladed Propeller: BHC-L2YF-1BF/F8468AR
1 Polished Spinner: A-2295-P
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

Telephone: (937) 778-5726 Option 2 / (800) 942-7767 Option 2
Internet: www.hartzellprop.com
Fax: (937) 778-4215
Email: topprop@hartzellprop.com
BEECH BONANZA/DEBONAIRE 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 transfer tube or an oil plug may be required. The oil transfer tube is NO LONGER AVAILABLE.

**Specifications:**
84 inch diameter 2-bladed, aluminum hub propeller
2400 hour / 6 year TBO
58 pounds (prop & spinner)
diameter reduction allowable to 82.5 inches

**Replaces:**
Beech 273 / 278 - 82 inch dia. 2-bladed prop
69 - 73 pounds (prop & spinner)
Diameter reduction allowable to 81.5 inches
Some have no diameter reduction allowable
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, 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:**
Longer TBO
Lower cost
Current design (Bch, Fltp, Mc threaded, Hz steel obsolete)
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


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

Basic Kit:
Part Number: C2F00065STP
1 2-Bladed Propeller: BHC-C2YF-1BF/F8468AR
1 Polished Spinner: A-2295-P
1 STC Document Set: SA785CE

_____________________________________________________________________________________
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 w. IO-520 ENGINE

**Applicable Models:**

**Specifications:**
- 84 inch diameter 2-bladed, aluminum hub propeller
- 2400 hour / 6 year TBO
- 51 pounds (prop)
- Diameter reduction allowable to 82 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
- 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:**
- Longer TBO
- Lower cost
- Current design (Mc threaded, Hz steel obsolete)
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

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
Fax: (937) 778-4215
Email_topprop@hartzellprop.com
BEECH BONANZA/DEBONAIR w. IO-520 ENGINE


**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, 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 model
  - Lighter weight
  - Current design, less costly to maintain
  - Eliminates all repetitive inspections
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

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
Fax: (937) 778-4215
Email: topprop@hartzellprop.com
BEECH BONANZA/DEBONAIR w. IO-520 or IO-550 ENGINE (standard engines only)


*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 asthetics
Beech A36 & G36 Bonanza
With IO-550-B engine

Basic Kit:
- **Part Number:** C3F00117STP
- 1 3-Bladed Propeller: PHC-C3YF-1RF/F8468A-6R
- 1 Polished Spinner: A-2295-2P
- 1 STC Document Set: SA00719LA

Kit with Electric De-ice:
- **Part Number:** C3F00135STP
- 1 3-Bladed Propeller: PHC-C3YF-1RF/F8468AK-6R
- 1 Polished Spinner: A-2295-2P
- 1 Electric De-ice kit (prop): 7931-67-941-1
- 1 Electric De-ice kit (airframe): 7931-67-941-2
- 1 STC Document Set: SA00719LA

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
Fax: (937) 778-4215
Email: topprop@hartzellprop.com
**BEECH BONANZA w. IO-550 ENGINE**

**Applicable Models:** A36 (with IO-550 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 C409 - 80 inch dia. 3-bladed prop
- 72 pounds (prop & spinner)
- Diameter reduction allowable to 78.5 inches
- 2000 hours / 6 years TBO

**Advantages:**
- vs. McCauley 3-bladed models
  - Upgrade aircraft to current production standard
  - Greater diameter reduction allowable
  - Longer TBO
  - Lower price than current design C409
Beech B36 TC Bonanza
With TSIO-520-UB engine

Basic Kit:

Part Number: C3F00128STP
1 3-Bladed Propeller: PHC-C3YF-1RF/F8468A-8R
1 Polished Spinner: A-2295-2P
1 STC Document Set: SA00718LA

Kit with Electric De-ice: (serial numbers EA-242 and EA-273 to EA-584)

Part Number: C3F00140STP
1 3-Bladed Propeller: PHC-C3YF-1RF/F8468AK-8R
1 Polished Spinner: A-2295-2P
1 Electric De-ice kit (prop): 7931-67-941-1
1 Electric De-ice kit (airframe): 7931-67-941-2
1 STC Document Set: SA00718LA

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
Fax: (937) 778-4215
Email: topprop@hartzellprop.com
BEECH BONANZA w. TSIO-520 ENGINE

Applicable Models:  B36TC

Specifications:  78 inch diameter 3-bladed, aluminum hub propeller
2400 hour / 6 year TBO
80 pounds (prop & spinner)
diameter reduction allowable to 77 inches

Replaces:  McCauley C406 - 78 inch dia. 3-bladed prop
72 pounds (prop & spinner)
Diameter reduction allowable to 77 inches
2000 hours / 6 years TBO

Advantages:  vs. McCauley 3-bladed models
Upgrade aircraft to current production standard
Longer TBO
Lower price than current design C406
Beech 55 Barons
With IO-470-L engine

Basic Kit:
- Part Number: C2F00160STP
- 2 2-Bladed Propellers: BHC-C2YF-2CHUF/FC8465-6
- 2 Polished Spinners: C-2285-6P
- 1 STC Document Set: SA795CE

Kit with Alcohol Anti-ice:
- Part Number: C2F00170STP
- 2 2-Bladed Propellers: BHC-C2YF-2CHUF/FC8465B-6
- 2 Polished Spinners: C-2285-6P
- 2 Alcohol Anti-ice kit: A-2374-1
- 1 STC Document Set: SA795CE
BEECH BARON w. IO-470 ENGINES

**Applicable Models:** 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B

**Specifications:**
- 78 inch diameter 2-bladed, aluminum hub propellers
- 2400 hour / 6 year TBO
- 71 pounds each (prop & spinner combined)
- Diameter reduction allowable to 76.5 inches

**Replaces:**
- McCauley C55 - 78 inch dia. 2-bladed propellers
  - 64 pounds (prop & spinner combined)
  - Diameter reduction allowable to 76 inches
  - 1200-1500 hour / 5 year TBO
- McCauley C39 - 78 inch dia. 2-bladed propellers
  - 76 pounds (prop & spinner combined)
  - Diameter reduction allowable to 76 inches
  - 1200 hours / 5 year TBO
- McCauley C89 - 78 inch dia. 2-bladed propellers
  - 71 pounds (prop & spinner combined)
  - Diameter reduction allowable to 76 inches
  - 1200 hour / 5 year TBO

**Advantages:**
- Longer TBO
- Current design (Mc threaded design obsolete)
Beech 55 Barons
With IO-470-L engine

Basic Kit:
- **Part Number:** C3F00171STP
- 2 3-Bladed Propellers: PHC-C3YF-2UF/FC7663-2R
- 2 Polished Spinners: C-3567-1P
- 1 STC Document Set: SA795CE

Kit with Alcohol Anti-ice:
- **Part Number:** C3F00181STP
- 2 3-Bladed Propellers: PHC-C3YF-2UF/FC7663B-2R
- 2 Polished Spinners: C-3567-1P
- 2 Alcohol Anti-ice kit: A-2386-1
- 1 STC Document Set: SA795CE

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
Fax: (937) 778-4215
Email: topprop@hartzellprop.com
BEECH BARON w. IO-470 ENGINES

**Applicable Models:** 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B

**Specifications:**
- 76 inch diameter 3-bladed, aluminum hub propellers
- 2400 hour / 6 year TBO
- 89 pounds each (prop & spinner combined)
- Diameter reduction allowable to 74.5 inches

**Replaces:**
- Hartzell BHC-C2YF-2CHUF/FC8465-6 78 in. dia. 2-bladed props
  - Diameter reduction allowable to 76.5 inches
  - 2400 hour / 6 year TBO
  - 71 pounds (prop & spinner combined)
- McCauley C55 - 78 inch dia. 2-bladed propellers
  - 64 pounds (prop & spinner combined)
  - Diameter reduction allowable to 76 inches
  - 1200-1500 hour / 5 year TBO
- McCauley C39 - 78 inch dia. 2-bladed propellers
  - 76 pounds (prop & spinner combined)
  - Diameter reduction allowable to 76 inches
  - 1200 hours / 5 year TBO
- McCauley C89 - 78 inch dia. 2-bladed propellers
  - 71 pounds (prop & spinner combined)
  - Diameter reduction allowable to 76 inches
  - 1200 hour / 5 year

**Advantages:**
- Lower noise
- Better take-off and climb performance
- Improved appearance
- Less blade erosion
- Longer TBO
- Current design (Mc threaded design obsolete)
Beech 55 Baron “Scimitar”
With IO-470-L engine

Basic Kit:
Part Number: C3F00160STP
2 3-Bladed Propellers: PHC-C3YF-2UF/FC7391D
2 Polished Spinners: C-3567-9P
1 STC Document Set: SA01463WI

Kit with Alcohol Anti-ice:
Part Number: C3F00166STP
2 3-Bladed Propellers: PHC-C3YF-2UF/FC7391DB
2 Polished Spinners: C-3567-9P
2 Alcohol Anti-ice kit: 103313
1 STC Document Set: SA02561CH-D
BEECH BARON w. IO-470-L ENGINES

**Applicable Models:** 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B

**Specifications:**
- 75 inch diameter 3-bladed, “Scimitar” aluminum hub propellers
- 2400 hour / 6 year TBO
- 91.8 / 93.5 (including slinger) lb. each (prop & spinner combined)
- Diameter reduction allowable to 73 inches

**Replaces:**
- Hartzell BHC-C2YF-2CHUF/FC8465-6 78 in. dia. 2-bladed props
  - Diameter reduction allowable to 76.5 inches
  - 2400 hour / 6 year TBO
  - 71 pounds (prop & spinner combined)
- Hartzell PHC-C3YF-2UF/FC7663(B,K)-2R 76 in. dia. 3-bladed props
  - Diameter reduction allowable to 74 inches
  - 2400 hour / 6 year TBO
  - 89 pounds (prop & spinner combined)
- McCauley C55 - 78 inch dia. 2-bladed propellers
  - 64 pounds (prop & spinner combined)
  - Diameter reduction allowable to 76 inches
  - 1200-1500 hour / 5 year TBO
- McCauley C39 - 78 inch dia. 2-bladed propellers
  - 76 pounds (prop & spinner combined)
  - Diameter reduction allowable to 76 inches
  - 1200 hours / 5 year TBO
- McCauley C89 - 78 inch dia. 2-bladed propellers
  - 71 pounds (prop & spinner combined)
  - Diameter reduction allowable to 76 inches
  - 1200 hour / 5 year

**Advantages:**
- Lower noise (-1.1 to -5.8 dB(a) depending on orig. installation)
- Better take-off and climb performance
- Improved appearance
- Improved ground clearance
- Longer TBO
- Current design (Mc threaded design obsolete)
Beech 55 Baron
With IO-520-C, -CB engine

Basic Kit:
Part Number: C3F00170STP
2 3-Bladed Propellers: PHC-C3YF-2UF/FC7663-2R
2 Polished Spinners: C-3567-1P
1 STC Document Set: SA773CE

Kit with Alcohol Anti-ice:
Part Number: C3F00182STP
2 3-Bladed Propellers: PHC-C3YF-2UF/FC7663B-2R
2 Polished Spinners: C-3567-1P
2 Alcohol Anti-ice kit: A-2386-1
1 STC Document Set: SA773CE

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
Fax: (937) 778-4215
Email: topprop@hartzellprop.com
BEECH BARON w. IO-520 ENGINES


Specifications: 76 inch diameter 3-bladed, aluminum hub propellers
2400 hour / 6 year TBO
89 pounds each (prop & spinner combined)
diameter reduction allowable to 74 inches

Replaces: Hartzell BHC-C2YF-2CHUF/FC8475-6 78 in. dia. 2-bladed props
Diameter reduction allowable to 76 inches
2400 hour / 6 year TBO
71 pounds (prop & spinner combined)
McCauley C55 - 78 inch dia. 2-bladed propellers
64 pounds (prop & spinner combined)
Diameter reduction allowable to 76 inches
1200-1500 hour / 5 year TBO
McC Raleigh C75 - 76 inch dia. 3-bladed propellers
82 pounds each (prop & spinner combined)
No diameter reduction allowable
1200 hours / 5 year TBO

Advantages: vs. 2-bladed props
   - Lower noise
   - Better take-off and climb performance
   - Improved appearance
   - Less blade erosion
   - Longer TBO
   - Current design (Mc threaded design obsolete)
vs. 3-bladed
   - Longer TBO
   - Diameter reduction allowable in event of tip damage
   - McCauley threaded designs obsolete

Note: Please note that in most cases an after market air conditioner does not change the aircraft cowling, therefore the "w/o air conditioning" spinner assembly (C-3567-1P) would be needed when ordering.
Beech 55 Baron “Scimitar”
With IO-520-C, -CB engine

Basic Kit:
Part Number: C3F00161STP
2 3-Bladed Propellers: PHC-C3YF-2UF/FC7391D
2 Polished Spinners: C-3567-9P
1 STC Document Set: SA02561CH-D

Kit with Alcohol Anti-ice:
Part Number: C3F00167STP
2 3-Bladed Propellers: PHC-C3YF-2UF/FC7391DB
2 Polished Spinners: C-3567-9P
2 Alcohol Anti-ice kit: 103313
1 STC Document Set: SA2561CH-D

Kit for E55(A) with Factory Air Conditioning ONLY:
Part Number: J3F00116STP*2
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391D
2 Polished Spinners: C-3567-8P
1 STC Document Set: SA2561CH-D

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 BARON w. IO-520 ENGINES

**Applicable Models:** 95-C55, 95-C55A, D55, D55A, E55, E55A,

**Specifications:**
- 75 inch diameter 3-bladed, “Scimitar” aluminum hub propellers
- 2400 hour / 6 year TBO
- 91.8 / 93.5 (with slinger) lb. each (prop & spinner combined)
- 93.8 lb. each – Extended hub (prop & spinner combined)
- Diameter reduction allowable to 73 inches

**Replaces:**
- Hartzell BHC-C2YF-2CHUF/FC8475-6 78 in. dia. 2-bladed props
  - Diameter reduction allowable to 76 inches
  - 2400 hour / 6 year TBO
  - 71 pounds (prop & spinner combined)

- Hartzell PHC-C3YF-2UF/FC7663-2R 76 in. dia. 3-bladed props
  - Diameter reduction allowable to 74 inches
  - 2400 hour / 6 year TBO
  - 89 pounds (prop & spinner combined)

- McCauley C55 - 78 inch dia. 2-bladed propellers
  - 64 pounds (prop & spinner combined)
  - Diameter reduction allowable to 76 inches
  - 1200-1500 hour / 5 year TBO

- McCauley C75 - 76 inch dia. 3-bladed propellers
  - 82 pounds each (prop & spinner combined)
  - No diameter reduction allowable
  - 1200 hours / 5 year TBO

**Advantages:**
- vs. 2-bladed props
  - Lower noise (-1.1 to -5.8 dB(a) depending on orig. installation)
  - Better take-off and climb performance
  - Improved appearance
  - Less blade erosion
  - Longer TBO
  - Current design (Mc threaded design obsolete)

- vs. 3-bladed
  - Longer TBO
  - Diameter reduction allowable in event of tip damage
  - McCauley threaded designs obsolete

**Note:**
- Please note that in most cases an after market air conditioner does not change the aircraft cowling, therefore the “w/o air conditioning” spinner assembly (C-3567-9P) would be needed when ordering.

- On models E55 and E55A, factory air conditioned models with long nacelles requiring the longer J3YF hub are not compatible with factory installed alcohol anti-ice systems. The propeller anti-ice system must be labeled “inop” at propeller conversion installation. Hartzell does not offer a compatible alcohol anti-ice system for these aircraft at this time.

MCT 4/11
Beech E55 & E55A Barons (w/ Factory A/C only) & All 58 & 58A

Basic Kit (w/o Factory Air Conditioning):
- Part Number: J3F00060STP
  - 2 3-Bladed Propellers: PHC-J3YF-2UF/FC7663-2R
  - 2 Polished Spinners: C-3567-1P
  - 1 STC Document Set: SA773CE

Basic Kit (w/ Factory Air Conditioning):
- Part Number: J3F00060STP*1
  - 2 3-Bladed Propellers: PHC-J3YF-2UF/FC7663-2R
  - 2 Polished Spinners: C-3567-4P
  - 1 STC Document Set: SA773CE

Kit with Alcohol Anti-ice (w/o Factory Air Conditioning):
- Part Number: J3F00062STP
  - 2 3-Bladed Propellers: PHC-J3YF-2UF/FC7663B-2R
  - 2 Polished Spinners: C-3567-1P
  - 2 Alcohol Anti-ice kit: A-2386
  - 1 STC Document Set: SA773CE

Kit with Alcohol Anti-ice (w/ Factory Air Conditioning):
- Part Number: J3F00062STP*1
  - 2 3-Bladed Propellers: PHC-J3YF-2UF/FC7663B-2R
  - 2 Polished Spinners: C-3567-4P
  - 1 Alcohol Anti-ice kit: A-2386 & A-2387
  - 1 STC Document Set: SA773CE

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
Fax: (937) 778-4215
Email: topprop@hartzellprop.com
BEECH BARON w. IO-520 ENGINES

Applicable Models: E55 & E55A (with factory air conditioning), & all 58 & 58A.

Specifications: 76 inch diameter 3-bladed, extended, aluminum hub propellers
2400 hour / 6 year TBO
91 pounds each (prop & spinner combined)
diameter reduction allowable to 74 inches

Replaces: Hartzell BHC-J2YF-2CHUF/FC8475-6 78 in. dia. 2-bladed props
Diameter reduction allowable to 76 inches
2400 hour / 6 year TBO
78 pounds (prop & spinner combined)
McCausley C30 - 78 inch dia. extended hub 2-bladed propellers
69 pounds (prop & spinner combined)
Diameter reduction allowable to 76 inches
1200 hour / 5 year TBO
McCausley C35 - 78 inch dia. extended hub 3-bladed propellers
85 pounds each (prop & spinner combined)
No diameter reduction allowable
1200 hours / 5 year TBO

Advantages: vs. 2-bladed props
- Lower noise
- Better take-off and climb performance
- Better looks
- Less blade erosion
- Longer TBO
- Current design (Mc threaded design obsolete)

vs. 3-bladed
- Longer TBO
- Diameter reduction allowable in event of tip damage
- McCausley threaded designs obsolete

Note: Please note that in most cases an after market air conditioner does not change the aircraft cowling, therefore the "w/o air conditioning" spinner assembly (C-3567-1P) would be needed when ordering.
Beech 58 Baron
With IO-550-C engine

Basic Kit (w/o Factory Air Conditioning):
Part Number: J3F00058STP
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7663-2R
2 Polished Spinners: C-3567-1P
1 STC Document Set: SA5533NM

Basic Kit (w/ Factory Air Conditioning):
Part Number: J3F00058STP*1
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7663-2R
2 Polished Spinners: C-3567-4P
1 STC Document Set: SA5533NM

Kit with Electric De-ice (w/o Factory Air Conditioning):
Part Number: J3F00088STP
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7663K-2R
2 Polished Spinners: C-3567-1P
1 Electric De-ice kit (airframe): 7931-67-940-2
2 Electric De-ice kit (prop): 7931-67-940-1
1 STC Document Set: SA5533NM

Kit with Electric De-ice (w/ Factory Air Conditioning):
Part Number: J3F00088STP*1
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7663K-2R
2 Polished Spinners: C-3567-4P
1 Electric De-ice kit (airframe): 7931-67-940-3
2 Electric De-ice kit (prop): 7931-67-940-1
1 STC Document Set: SA5533NM

__________________________________________________________________________________________________
Airframe 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
Fax: (937) 778-4215
Email: topprop@hartzellprop.com
Internet: www.hartzellprop.com
BEECH BARON w. IO-550 ENGINES

Applicable Models: 58, 58A

Specifications:
- 76 inch diameter 3-bladed, aluminum hub propellers
- 2400 hour / 6 year TBO
- 91 pounds each (prop & spinner combined)
- Diameter reduction allowable to 74 inches

Replaces:
- McCauley C512 - 77 inch diameter extended 3-bladed props
- Diameter reduction allowable to 76.5 inches
- 2000 hour / 6 year
- 86 pounds each (prop & spinner combined)

Advantages:
- Lower noise
- More ground clearance
- Greater diameter reduction allowable in event of tip damage
- Upgrade aircraft to current production standard
- Common with IO-520 Baron propellers

Note:
Please note that in most cases an after market air conditioner does not change the aircraft cowling, therefore the “w/o air conditioning” spinner assembly (C-3567-1P) would be needed when ordering.
Beech 58 Baron “Scimitar”
With IO-520-C, -CB, and IO-550-C engine

Basic Kit (w/o Factory Air Conditioning):
Part Number: J3F00116STP
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391D
2 Polished Spinners: C-3567-1P
1 STC Document Set: SA10551SC

Basic Kit (w/ Factory Air Conditioning):
Part Number: J3F00116STP*1
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391D
2 Polished Spinners: C-3567-4P
1 STC Document Set: SA10551SC

Kit with Alcohol Anti-ice (w/o Factory Air Conditioning):
Part Number: J3F00130STP
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391DB
2 Polished Spinners: C-3567-7P
2 Alcohol Anti-ice kit (prop): 102679-1
1 STC Document Set: SA02561CH-D

Kit with Alcohol Anti-ice (w/ Factory Air Conditioning):
Part Number: J3F00130STP*1
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391DB
2 Polished Spinners: C-3567-8P
1 Alcohol Anti-ice kit (prop): 102679-1 & 102679-2
1 STC Document Set: SA02561CH-D

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
Fax: (937) 778-4215
Internet: www.hartzellprop.com
Email: topprop@hartzellprop.com
Kit with Electric De-ice (w/o Factory Air Conditioning): (See Note 1)
- **Part Number:** J3F00135STP
  - **2 3-Bladed Propellers:** PHC-J3YF-2UF/FC7391DK
  - **2 Polished Spinners:** C-3567-1P
  - **1 Electric De-ice kit (airframe):** 7931-5E2793-4
  - **2 Electric De-ice kit (prop):** 7931-5E2793-1
  - **1 STC Document Set:** SA10551SC

Kit with Electric De-ice (w/ Factory Air Conditioning): (See Note 1)
- **Part Number:** J3F00135STP*1
  - **2 3-Bladed Propellers:** PHC-J3YF-2UF/FC7391DK
  - **2 Polished Spinners:** C-3567-4P
  - **1 Electric De-ice kit (airframe):** 7931-5E2793-5
  - **2 Electric De-ice kit (prop):** 7931-5E2793-1
  - **1 STC Document Set:** SA10551SC

Kit with Electric De-ice (w/ Factory Air Conditioning): (See Note 1)
- **Part Number:** J3F00135STP*2
  - **2 3-Bladed Propellers:** PHC-J3YF-2UF/FC7391DK
  - **2 Polished Spinners:** C-3567-1P
  - **2 Electric De-ice kit (prop):** 7931-5E2793-1
  - **1 STC Document Set:** SA10551SC

Kit with Electric De-ice (w/ Factory Air Conditioning): (See Note 1)
- **Part Number:** J3F00135STP*3
  - **2 3-Bladed Propellers:** PHC-J3YF-2UF/FC7391DK
  - **2 Polished Spinners:** C-3567-4P
  - **2 Electric De-ice kit (prop):** 7931-5E2793-1
  - **1 STC Document Set:** SA10551SC

**NOTE 1:** The J3F00135STP*2 and J3F00135STP*3 kits do not come with airframe de-ice kits. They are specifically for use on aircraft s/n TH-1231 and later that were factory equipped with Hartzell PHC-J3YF-2UF/FC7663K-2R propellers and an electro-thermal propeller de-ice system. When replacing McCauley C512 propellers and a McCauley electro-thermal propeller de-ice system, order a J3F00135STP or J3F00135STP*1 (w/ air conditioning) kit.

**NOTE 2:** This kit is not compatible with electro-thermal de-ice kits on s/n TH-1230 and before. S/N TH-1 through TH-1230 are eligible for the basic kit (no de-ice), with early de-ice kits disabled, and when equipped with alcohol anti-ice. Electro-thermal de-ice kit is not compatible with systems on aircraft previously equipped with 2 blade propellers.
BEECH BARON

Applicable Models: 58, 58A, G58

Specifications:
- 75 inch diameter 3-bladed “SCIMITAR”, aluminum hub propellers
- 2400 hour / 6 year TBO
- 93.8 – 96.0 pounds each (prop & spinner combined)
- Diameter reduction allowable to 73 inches

Replaces:
- McCauley C512 - 77 inch diameter extended 3-bladed props
  - Diameter reduction allowable to 76.5 inches
  - 2000 hour / 6 year
  - 86 pounds each (prop & spinner combined)
- McCauley C30 - 78 inch dia. extended hub 2-bladed propellers
  - Diameter reduction allowable to 76 inches
  - 1200 hour / 5 year
  - 69 pounds (prop & spinner combined)
- McCauley C35 - 78 inch dia. extended hub 3-bladed propellers
  - No diameter reduction allowable
  - 1200 hours / 5 year TBO
  - 85 pounds each (prop & spinner combined)
- Hartzell BHC-J2YF-2CHUF/FC8475-6 78 in. dia. 2-bladed props
  - Diameter reduction allowable to 76 inches
  - 2400 hour / 6 year TBO
  - 78 pounds (prop & spinner combined)
- Hartzell PHC-J3YF-2UF/FC7663-2R 76 in. dia. 3-bladed propellers
  - Diameter reduction allowable to 74 inches
  - 2400 hour / 6 year TBO
  - 91 pounds each (prop & spinner combined)

Advantages:
- Reduced noise
- Better take-off and climb performance
- Improved cruise performance efficiency
- More ground clearance - Less blade erosion / FOD
- Longest TBO
- Current design (Mc threaded design obsolete)
- Attractive design

Note:
Please note that in most cases an after market air conditioner does not change the aircraft cowling, therefore the “w/o air conditioning” spinner assembly (C-3567-1P or -7P) would be needed when ordering.

Electric De-ice Kit approved on s/n TH-1231 and later only. Aircraft with s/n TH-1230 and before must disengage any existing electric de-ice system.

Aircraft eligible for electric de-ice system (s/n TH-1231 and later) require airframe de-ice kit when replacing McCauley propellers only.
All Beech 58P & 58TC with TSIO-520-WB engines

Basic Kit:
- **Part Number:** J3F00084STP (3 wire de-ice)
- 2 3-Bladed Propellers: PHC-J3YF-2UF/FC7663DRB
- 2 Polished Spinners: C-3567-1P
- 1 STC Document Set: SA1207NW

Basic Kit: 58P s/n TJ-349 through TJ-435 and TJ-437 through TJ-443, 58TC TK139 through TK-146, and TK-148 through TK-150
- **Part Number:** J3F00085STP (Two wire de-ice)
- 2 3-Bladed Propellers: PHC-J3YF-2UF/FC7663DRB
- 2 Polished Spinners: C-3567-1P
- 1 STC Document Set: SA1207NW

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 BARON w. TSIO-520-WB ENGINES

**Applicable Models:** 58P, 58TC

**Specifications:**
- 78 inch diameter 3-bladed, extended, aluminum hub propellers
- 87 pounds each (prop & spinner combined)
- Diameter reduction allowable to 77.5 inches

**Replaces:**
- Hartzell PHC-J3YF-2UF/FC8468-6R 80 in. dia. 3-bladed props
  - Diameter reduction allowable to 78 inches
  - 2400 hour / 6 year TBO
  - 90 pounds (prop & spinner combined)
- McCauley C511 - 78 inch dia. extended hub 2-bladed propellers
  - 80.8 pounds (prop & spinner combined)
  - Diameter reduction allowable to 77.5 inches
  - 2000 hour / 6 year TBO

*Note:* STC SA1207NW required for 58TC s/n TK-1 through TK-84, and 58P s/n TJ-3 through TJ-168. Propeller installation on subsequent serial numbers are certified per TCDS A23CE.

**Advantages:**
- Better performance
- Longer TBO
- Lighter Weight
- Diameter reduction allowable in event of tip damage
- Top Prop Warranty to first overhaul.
Beech 95, B95, B95A, D95A, E95 Travel Air
With O-360, IO-360 (180HP) engine

Basic Kit:
Part Number: C2K00487STP
2 2-Bladed Propellers: HC-C2YK-2CUF/FC7666C-4
2 Polished Spinners: 836-29P
1 STC Document Set: SA00722CH

Kit with Alcohol Anti-ice:
Part Number: C2K00488STP
2 2-Bladed Propellers: HC-C2YK-2CUF/FC7666CB-4
2 Polished Spinners: 836-29P
1 Alcohol Anti-ice kit: D6774/C-2131-6
1 STC Document Set: SA00722CH

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
Fax: (937) 778-4215
Email: topprop@hartzellprop.com
BEECH 95 SERIES TRAVEL AIR

**Applicable Models:** 95, B95, B95A, D95A, E95

**Specifications:**
- 72 inch diameter 2-bladed, aluminum hub propeller
- 2400 hour / 6 year TBO
- 69.4 pounds (prop & spinner)
- No diameter cut-off permitted
- Placard: “Avoid continuous operation between 2000 and 2350 RPM.”

**Replaces:**
- Hartzell HC-92ZK, HC-92WK - 72 inch 2-bladed steel hub prop
- 75 pounds (prop & spinner)
- Diameter reduction allowable to 70 inches
- 500 hour inspection per AD95-11-08
- 2000 hour / 5 year TBO

**Advantages:**
- Lighter weight (11 pounds per aircraft)
- Current design / New Production
- Eliminates AD95-11-08