



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

TOP
PROP
PERFORMANCE
CONVERSIONS



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, 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'd 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

**T
O
P
P
R
O
P

P
E
R
F
O
R
M
A
N
C
E

C
O
N
V
E
R
S
I
O
N
S**



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



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

T
O
P

P
R
O
P

P
E
R
F
O
R
M
A
N
C
E

C
O
N
V
E
R
S
I
O
N
S



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 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

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

Fax: (937) 778-4215
Email: topprop@hartzellprop.com

TOP
PROP
PERFORMANCE
CONVERSIONS



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)



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

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

Fax: (937) 778-4215
Email: topprop@hartzellprop.com

T
O
P

P
R
O
P

P
E
R
F
O
R
M
A
N
C
E

C
O
N
V
E
R
S
I
O
N
S



BEECH BONANZA w. IO-520 ENGINE

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

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 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

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

TOP
PROP
PERFORMANCE
CONVERSIONS



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

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

T
O
P

P
R
O
P

P
E
R
F
O
R
M
A
N
C
E

C
O
N
V
E
R
S
I
O
N
S



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

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

T
O
P

P
R
O
P

P
E
R
F
O
R
M
A
N
C
E

C
O
N
V
E
R
S
I
O
N
S

**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

TOP
PROP
PERFORMANCE
CONVERSIONS



BEECH BARON w. IO-520 ENGINES

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

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

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
 - 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.



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



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)

McCauley 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

McCauley 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
 - 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 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

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

T
O
P

P
R
O
P

P
E
R
F
O
R
M
A
N
C
E

C
O
N
V
E
R
S
I
O
N
S



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
Internet: www.hartzellprop.com

Fax: (937) 778-4215
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/o 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.

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

MCT 4/11



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.



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

T
O
P

P
R
O
P

P
E
R
F
O
R
M
A
N
C
E

C
O
N
V
E
R
S
I
O
N
S



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

T
O
P
P
R
O
P

P
E
R
F
O
R
M
A
N
C
E

C
O
N
V
E
R
S
I
O
N
S



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 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

T
O
P

P
R
O
P

P
E
R
F
O
R
M
A
N
C
E

C
O
N
V
E
R
S
I
O
N
S



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