



58 BARON IO-520 & IO-550 (SCIMITAR ANTI-ICE; W/O AIR)

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Manufacturer: Beechcraft

Aircraft Model(s): 58 Baron

Applicable Engines: IO-550-C, IO-520-C, -CB

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BASE KIT INCLUDES:

QTY	DESCRIPTION	ITEM #
2	Polished Spinners	C-3567-7P
2	3-Bladed Propellers	PHC-J3YF- 2UF/FC7391DB
1	STC Document Set	SA02561CH-D

OPTIONS:

DESCRIPTION	ITEM #	NOTES
Alcohol Anti-ice kit	102679-1	w/o Factory Air

BEECH BARON

Applicable Models:

58 w/ IO-520 & IO-550 engines

Specifications:

75 inch diameter 3-blade, extended aluminum hub, scimitar propellers

2400 hour / 6 year TBO

91 pounds each (prop and spinner)

diameter reduction allowable to 73 inches

Replaces:

McCauley C512 – 77 inch diameter extended hub 3-bladed props

Diameter reduction allowable to 76.5 inches

2000 hour / 6 year TBO

86 pounds each (prop & spinner combined)

McCauley C30 – 78 inch dia. extended hub 2-bladed props

Diameter reduction allowable to 76 inches

1200 hour / 5 year TBO

69 pounds (prop & spinner combined)

McCauley C35 – 78 inch dia. extended hub 3-bladed props

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 props

Diameter reduction allowable to 74 inches

2400 hour / 6 year TBO

Beechcraft 58 Baron IO-520 & IO-550 Scimitar Propeller Kit (Anti-Ice)

91 pounds each (prop & spinner combined)

Advantages:

Better take-off and climb performance

Improved cruise performance efficiency

Reduced noise

More ground clearance – less blade erosion/FOD

Longest TBO

Current design (MC threaded design, obsolete)

Improved appearance

Notes:

In most cases an aftermarket air conditioner does not change the aircraft cowl, therefore if the aircraft is not equipped with factory air you would look at the 'w/o air' kit which changes the spinner.