

# Tech Sheet: Beech King Air C90-1

(beech-B901.pdf)



King Air 200

## Section 1: Canopy/Cockpit/Fuselage Covers

**Canopy Covers** help reduce damage to your airplane's upholstery and avionics caused by excessive heat, and they can eliminate problems caused by leaking door and window seals. They keep the windshield and window surfaces clean and help prevent vandalism and theft.

The **Beech King Air C90-1 Canopy Cover** is custom-designed for each model, as well as your aircraft's specific antenna and temperature probe placements, if applicable. The Canopy Cover is designed to enclose the windshield, side windows and canopy roof. The Canopy Cover attaches using adjustable "belly straps", which run under the belly and connect to the other side of the cover with a quick-release plastic buckle. When requested, it is also sometimes possible to design Canopy covers that can attach to the aircraft fuselage using pop-riveted snap-heads at the rear and snap-head screws on the engine cowl.

This cover type is made from Silver Acrylic Sunbrella canvas and is 100% lined with a soft and smooth microfiber. Bruce's Custom Covers developed this material combination especially for aircraft protection. The outer material is medium weight and treated for water resistance, UV resistance and anti-static buildup. The inner lining is a very soft and smooth microfiber to prevent scratching. The material is very reflective, and tests show that the cabin interior temperature can be reduced to near-ambient temperature on the hottest of days. It is water, ice and snow repellent, yet breathable to allow moisture to escape from between the cover and the aircraft surface.

Canopy Covers are commonly referred to as Cabin Covers, Fuselage Covers, Canvas Covers, Canopy Caps, etc.

The **Beech King Air C90-1 Cockpit Cover** helps reduce damage to the upholstery and avionics caused by excessive heat and can eliminate problems caused by leaking door and window seals. They keep the windshield and window surfaces clean and help prevent vandalism and theft.

Cockpit covers are designed to cover the windshield and side windows of the cockpit. Attachment buckles are made of nonmetal *Delrin*, designed for rugged outdoor use. The windshield cover comes with a duffle bag. The N-number can be imprinted onto the cover for an extra charge. The windshield cover is trimmed in the colors of the aircraft.

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The **Beech King Air C90-1 Nose Cover** is designed to cover the section of the fuselage forward of the windshield to the tip of the nose. It is secured with belly strapsThis cover type is made from Silver Acrylic Sunbrella canvas and is 100% lined with a soft and smooth microfiber. Bruce's Custom Covers developed this material combination especially for aircraft protection. The outer material is medium weight and treated for water resistance, UV resistance and anti-static buildup. The inner lining is a very soft and smooth microfiber to prevent scratching. The material is very reflective, and tests show that the cabin interior temperature can be reduced to near-ambient temperature on the hottest of days. It is water, ice and snow repellent, yet breathable to allow moisture to escape from between the cover and the aircraft surface.

The Extended Canopy/Nose Cover combines a Canopy Cover and a Nose cover. The **Beech King Air C90-1 Extended Canopy/Nose Cover** is designed to enclose the windshield, all side windows, canopy roof, and extend forward to cover the nose. It is a one-piece cover, which also extends down to the wing on the sides. The Canopy Cover is custom designed for each model, as well as your aircraft's specific antenna and temperature probe placements. The Canopy Cover attaches using adjustable "belly straps", which run under the belly and connect to the other side of the cover with a quick-release plastic buckle. To ensure the most secure fit, high-quality shock cord is enclosed in the hem of the cover to help keep the cover tighter against the airplane. Canopy Covers are commonly referred to as Cabin Covers, Fuselage Covers, Canvas Covers, Canopy Caps, etc.

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King Air 200 Nose Cover



King Air Windshield/Cockpit Cover

| Description                        | Part Number | Price     |
|------------------------------------|-------------|-----------|
| COCKPIT COVER                      | B901-000    | \$640.00  |
| COCKPIT COVER w/access window flap | B901-002    | \$710.00  |
| CANOPY COVER                       | B901-010    | \$755.00  |
| EXTENDED CANOPY/NOSE COVER         | B901-016    | \$1725.00 |

Section 2: Engine/Prop Covers

**Prop Tie-Down/Exhaust Covers** are made of heavy duty red vinyl material. Thick nylon webbing runs from the exhaust covers to the prop boot. This webbing is adjustable with plastic buckles, and is held tight with a steel spring where it attaches to the prop boot.

The **Beech King Air C90-1 Insulated Engine Cover** works well in cold climates to help with engine preheating. You can add an access flap for an additional fee. It will cinch around or behind the spinner, cover the entire engine cowl area including the engine air inlets, and fastens together with Velcro beneath the spinner down the front of the cowl.

Insulated Covers Material - A special composite material of solution-dyed polyester, 3M Thinsulate insulation, and soft nylon interior fabric. Our insulated covers are designed to complement an engine preheater and help retain heat in the engine compartment after shutdown. If you operate your aircraft in cold-weather, these covers will help prevent engine wear and tear.

The **Beech King Air C90-1 Propeller Cover** is a one-piece design that form fits to the blades and spinner. The prop cover slips over the blades and spinner and is attached by a plastic all-weather zipper on the bottom of the blades. Propeller covers can be made for multiple numbers of blades, and for wooden, composite or metal props. The Propeller Cover is normally made from Acrylic *Sunbrella* or Solution-Dyed Polyester and is lined 100% with a soft and smooth microfiber. **Insulated Propeller Covers** works well in cold climates to help with engine preheating. These insulated versions are made with a thicker, quilted, water-repellent, and breathable material.

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Prop Tie-Down, Various Models (secures with a hook to engine nacelle)



Beech King Air 350 Prop Tie-Downs

| Description  | Part Number | Price     |
|--|-------------|-----------|
| PROP TIE-DOWNS (set of 2)                              | B901-140    | \$310.00  |
| PROP TIE-DOWNS/EXHAUST COVERS (set of 6)               | B901-145    | \$430.00  |
| INSULATED ENGINE COVERS (set of 2)                     | B901-161    | \$1205.00 |
| PROPELLOR/SPINNER COVERS, 3 blade (set of 2)           | B901-165    | \$615.00  |
| INSULATED PROPELLOR/SPINNER COVERS, 3 blade (set of 2) | B901-166    | \$730.00  |
| PROPELLOR/SPINNER COVERS, 4 blade (set of 2)           | B901-170    | \$730.00  |



Section 3: Plugs & Protection

**Beech King Air C90-1 Pitot Tube Covers**, NOT HEAT RESISTANT TYPE, are made of Naugahyde vinyl, and are designed to cover the entire pitot assembly. Slipping over the tube, the cover tightens around the base with a Velcro strap detail. A "Remove Before Flight" streamer is attached to the cover. **Heat Resistant Pitot Covers** are an upgrade to this design, and help prevent the pitot cover from melting onto the tube if the pitot heat is accidentally turned on while installed. If you want the set tethered together, please let us know.

**Engine Exhaust Plugs** are custom fit for your Beech King Air C90-1 exhaust openings, made with heavy-duty vinyl material, and stuffed with a single block of sculpted urethane foam. Exhaust plugs have 'remove before flight' streamers sewn onto the face of the plugs. Exhaust plugs may be inserted soon after flight when the engine is still warm. Engine Inlet Plugs are commonly referred to as Cowl Plugs, Intake Plugs, Cowl Blocks, Engine Blocks, and Engine Bungs.

**Engine Inlet Plugs** are custom fit for your Beech King Air C90-1 intakes, made with heavy-duty vinyl material, and stuffed with a single block of sculpted urethane foam. Each plug has a zipper that allows the foam to be removed and dried if necessary. Engine plugs have warning flags that are visible from the cockpit or 'remove before flight' streamers sewn onto the face of the plugs. Most plugs are imprinted with the aircraft registration number in black for an extra charge. Storage bag NOT included. Engine plugs may be inserted after flight when the engine is still warm. **Engine Inlet Plugs are commonly referred to as Cowl Plugs, Intake Plugs, Cowl Blocks, Engine Blocks, and Engine Bungs.**



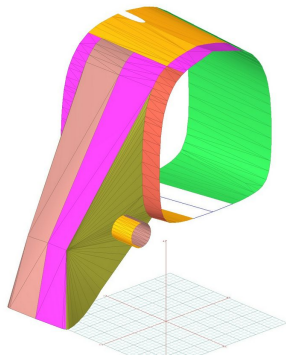
Pitot Cover



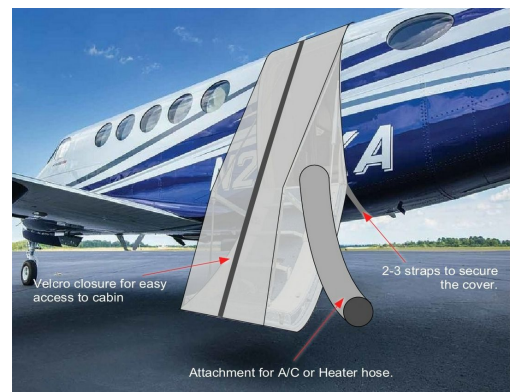
Beech King Air C90 Pitot Covers, Heat Exchanger Plugs

| Description                           | Part Number | Price    |
|---------------------------------------|-------------|----------|
| ENGINE INLET PLUGS (set of 2)         | B901-100    | \$295.00 |
| HEAT EXCHANGER INLET PLUGS (set of 2) | B901-110    | \$190.00 |
| EXHAUST PLUGS (set of 4)              | B901-130    | \$290.00 |
| PITOT COVERS (set of 2)               | B901-HP1    | \$60.00  |

Section 4: Wing/Tail/Empennage Covers



King Air Airstair Door Cover



King Air Airstair Door Cover

| Description         | Part Number     | Price           |
|---------------------|-----------------|-----------------|
| AIRSTAIR DOOR COVER | <b>B901-500</b> | <b>\$605.00</b> |

## Section 5: HeatShields & Sun Reflectors

**Cabin Heatshields** are interior sunshades for the aircraft's passenger cabin area. The product is a unique composite of closed-cell foam with a silver mylar finish. The semi-rigid design is stiff enough to stand inside the window framing. The set folds up flat and is easily stored in the included storage sleeve. Some designs may require velcro and suction cups. A Heatshield is an excellent short-term remedy for cockpit overheating, but an external fabric cover is more effective for long-term protection.

**Cockpit Heatshields** are interior sunshades for the aircraft's cockpit. The product is a unique composite of closed-cell foam with a silver mylar finish. The semi-rigid design is stiff enough to stand inside the window framing. The set folds up flat and is easily stored in the included storage sleeve. Some designs may require velcro and suction cups. A Heatshield is an excellent short-term remedy for cockpit overheating, but an external fabric cover is more effective for long-term protection.



Beech King Air Cockpit HeatShields



Beech King Air 90 & 100 (U-21, RU-21, T-44) Cockpit Heatshields

| Description                    | Part Number     | Price           |
|--------------------------------|-----------------|-----------------|
| COCKPIT HEATSHIELDS (set of 2) | <b>B901-900</b> | <b>\$285.00</b> |
| CABIN HEATSHIELDS (set of 12)  | <b>B901-901</b> | <b>\$360.00</b> |

## Section 6: Miscellaneous Products

**Tire or Wheelpant Covers** are designed to protect the wheelpants, or the tires and wheels, from sun damage and damage from the tow bar when moving the airplane.

ALL-YEAR USE MATERIAL - Made with Silver Acrylic Sunbrella canvas, the all-year use material is the best option for sun protection and cover longevity. This heavier more durable material is intended for all weather conditions, such as rain and snow or lots of sun.



Beech King Air 300 Tire Covers (main gear)



King Air C90 Canopy/Nose Cover, Engine Covers

| Description  | Part Number | Price    |
|--|-------------|----------|
| FLAG: "WARNING: NOSEGEAR LOCKED, DO NOT MOVE" (removable sign) | B901-150    | \$125.00 |
| ENGINE COVERS (set of 2)                                       | B901-160    | \$825.00 |
| TIRE COVERS (specify tire size) (set of 3)                     | B901-400    | \$520.00 |

Section 7: Light Weight Products: Travel Covers and FlyAway Covers

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Cockpit covers are designed to cover the windshield and side windows of the cockpit. Attachment buckles are made of nonmetal *Delrin*, designed for rugged outdoor use. The windshield cover comes with a duffle bag. The N-number can be imprinted onto the cover for an extra charge. The windshield cover is trimmed in the colors of the aircraft.

This cover type is made from Silver Acrylic Sunbrella canvas and is 100% lined with a soft and smooth microfiber. Bruce's Custom Covers developed this material combination especially for aircraft protection. The outer material is medium weight and treated for water resistance, UV resistance and anti-static buildup. The inner lining is a very soft and smooth microfiber to prevent scratching. The material is very reflective, and tests show that the cabin interior temperature can be reduced to near-ambient temperature on the hottest of days. It is water, ice and snow repellent, yet breathable to allow moisture to escape from between the cover and the aircraft surface.

The **Lightweight Travel Canopy Cover** will cover the same area as our standard Canopy Cover, but the material used is very lightweight and will fold up and store in a much smaller space. This cover is ideal for the airplane that is stored in a hangar full-time and only needs a cover on rare occasions.

Travel Covers are made with Silver Solution-Dyed Polyester fabric and only lined over the windshield to save weight. The material is lightweight and more compact for easy stowage in the aircraft. The polyester material is water resistant, but only intended for occasional use outside. We also have an ultra lightweight material available for fitted hangar dust covers. For daily outdoor use, the non-travel Sunbrella Cover is the best choice.

The **Lightweight Travel Canopy/Nose Cover** will cover the same area as our standard canopy/nose cover, but the material used is very lightweight and will fold up and store in a much smaller space. This cover is ideal for the airplane that is in a hangar full-time

and only needs a cover on rare occasions.

Travel Covers are made with Silver Solution-Dyed Polyester fabric and only lined over the windshield to save weight. The material is lightweight and more compact for easy stowage in the aircraft. The polyester material is water resistant, but only intended for occasional use outside. We also have an ultra lightweight material available for fitted hangar dust covers. For daily outdoor use, the non-travel Sunbrella Cover is the best choice.



King Air Cockpit Cover, belly-strap type



King Air Windshield/Cockpit Cover

| Description  | Part Number | Price    |
|--|-------------|----------|
| TRAVEL COVER, Light Weight Travel Cockpit Cover                          | B901-800    | \$515.00 |
| TRAVEL COVER, Light Weight Travel Canopy/Nose Cover w/access window flap | B901-810    | \$575.00 |
| TRAVEL COVER, Light Weight Canopy Cover                                  | B901-820    | \$600.00 |

**Prices subject to change. Other Covers and Design Alterations: Prices on request.**  
**Prices are FOB Morgan Hill, CA. Sales tax on orders shipped to California addresses. Orders take approximately 3 weeks to complete. For domestic orders we normally ship by UPS ground service. Next day shipping and air parcel post is available on request. We can take payment by Visa, Mastercard, American Express, or Discover.**

**Bruce's Custom Covers offers protective covers and plugs for virtually every type of airplane, jet and helicopter. If you have questions about our products please call any time TOLL FREE: 800/777-6405, or FAX: 408/738-2729.**



**Instructions:** Measure to the nearest 1/8" and only fill in what applies. You may email, fax or phone in the measurements.

Aircraft Reg / Tail Number: \_\_\_\_\_ Aircraft Type: \_\_\_\_\_ Year: \_\_\_\_\_

Name: \_\_\_\_\_ Phone & Email: \_\_\_\_\_

## Propellor Measurements

Please check one:

2 - Blade

3 - Blade

4 - Blade

- |          |                                     |  |
|----------|-------------------------------------|--|
| <b>A</b> | Measure along surface of cone       |  |
| <b>B</b> | Measure "straight line" base to tip |  |
| <b>C</b> | Base to top of blade root opening   |  |
| <b>D</b> | Provide diameter or circumference   |  |
| <b>E</b> | Provide diameter or circumference   |  |
| <b>F</b> | Blade root to prop tip              |  |
| <b>G</b> | Trailing edge to leading edge       |  |
| <b>H</b> | Trailing edge to leading edge       |  |
| <b>J</b> | Trailing edge to leading edge       |  |





## Aircraft Cover Ordering Form

|                      |  |
|----------------------|--|
| <b>Customer Info</b> | Name _____   |
|                      | Shipping Address _____<br>_____  |
|                      | Phone & Email _____  |
| <b>Payment</b>       | Credit Card Number <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> |
|                      | Exp. Date <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> V-Code* <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/><br><small>*Visa, Mastercard, Discover: last 3 numbers on back of card, right of signature. Amex: 4 smaller numbers printed on face of card.</small>  |
| <b>A/C Info</b>      | Reg / Tail Number: _____ Aircraft Type: _____ Year: _____  |
|                      | Colors / Paint Scheme (be specific): _____   |

### Please specify below the items you would like to order.

See technical sheet or visit our website for part numbers (or just fill in the description)

| 1  | Part Number | Quant | Description | Price        |
|----|-------------|-------|-------------|--------------|
| 2  |             |       |             |              |
| 3  |             |       |             |              |
| 4  |             |       |             |              |
| 5  |             |       |             |              |
| 6  |             |       |             |              |
| 7  |             |       |             |              |
| 8  |             |       |             |              |
| 9  |             |       |             |              |
| 10 |             |       |             |              |
|    |             |       |             | <b>TOTAL</b> |

#### Optional Items (check the box of the item you want)

- ☐ Imprint aircraft registration number onto both sides of canopy cover.....\$30.00
- ☐ Imprint aircraft registration number onto Jet intake covers.....\$50.00