BRUCE'S CUSTOM COVERS
A division of Aircraft Covers, Inc.

18850 Adams Ct
Morgan Hill, CA 95037
www.AircraftCovers.com

Phone: 408/738-3959
Toll Free (U.S.): 800/777-6405
Fax: 408/738-2729
Email: bruce@aircraftcovers.com

*manufacturer of the finest custom-made aircraft covers*

# Tech Sheet: Short Brothers Sherpa, Skyvan, 330 & 360 (C-23)

(short-brothers-SHB.pdf)



Short Skyvan Forward Fuselage/Nose Cover

## Section 1: Canopy/Cockpit/Fuselage Covers



Short Skyvan Forward Fuselage/Nose Cover



Short Skyvan Forward Fuselage/Nose Cover

| Description | Part Number | Price |
|---|---|---|
| WINDSHIELD/FLIGHT DECK AREA COVER | **SHB-000** | **$1705.00** |
| FORWARD FUSELAGE/NOSE COVER | **SHB-010** | **$4250.00** |

## Section 2: Engine/Prop Covers

**Engine Covers** will cinch around or behind the spinner, cover the entire engine cowl area including the engine air cooling and induction air inlets, and fastens together with Velcro beneath the spinner down the front of the cowling. The Engine Cover is attached with a belly strap aft of the firewall, and can Velcro to the Canopy Cover. Engine Covers are normally made from Solution-Dyed Polyester or Acrylic *Sunbrella*. An Insulated version of the engine cover can be made with a thicker, quilted, and water-repellent material. The Insulated Engine Cover works well in cold climates to help with engine preheating.

The **Short Brothers Sherpa, Skyvan, 330 & 360 (C-23) 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 cowling.

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 **Short Brothers Sherpa, Skyvan, 330 & 360 (C-23) 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.

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.



Dash 8 Insulated Engine & Prop Covers



Fairchild Metro 5 Blade Insulated Insulated Prop Covers

| Description | Part Number | Price |
|---|---|---|
| EXHAUST COVERS (set of 4) | **SHB-105** | **$315.00** |
| ENGINE COVERS (set of 2) | **SHB-110** | **$1245.00** |
| PROP TIE-DOWNS, STRAP TYPE (set of 2) | **SHB-140** | **$310.00** |
| PROPELLOR/SPINNER COVER, 3 Blade (set of 2) | **SHB-150** | **$870.00** |
| INSULATED PROPELLOR/SPINNER COVER, 3 Blade (set of 2) | **SHB-155** | **$1245.00** |
| PROPELLOR/SPINNER COVER, 4 Blade (set of 2) | **SHB-160** | **$1025.00** |
| INSULATED PROPELLOR/SPINNER COVER, 4 Blade (set of 2) | **SHB-165** | **$1480.00** |
| PROPELLOR/SPINNER COVER, 5 Blade (set of 2) | **SHB-170** | **$1225.00** |
| INSULATED PROPELLOR/SPINNER COVER, 5 Blade (set of 2) | **SHB-175** | **$1600.00** |
| INSULATED ENGINE COVERS (set of 2) | **SHB-201** | **$1745.00** |

## Section 3: Plugs & Protection

**Short Brothers Sherpa, Skyvan, 330 & 360 (C-23) 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 Inlet Plugs** are custom fit for your Short Brothers Sherpa, Skyvan, 330 & 360 (C-23) 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.**



Covers, Plugs & HeatShields for the Short 330/360

| Description | Part Number | Price |
|---|---|---|
| INTAKE PLUGS (set of 6) | **SHB-100** | **$475.00** |
| PITOT COVERS (set of 2) | **SHB-500** | **$105.00** |

## Section 4: Wing/Tail/Empennage Covers

**Horizontal Stabilizer Covers** are a perfect solution to protect your paint from sun damage and prevent frost, snow, ice buildup, and corrosion. They are made from Solution-Dyed Polyester or Acrylic *Sunbrella*. They cover the entire upper surface of the stabilizers and overlap around the leading and trailing edges as well as the wing tip. The covers secure under each stabilizer with adjustable straps. In some instances, cut-outs are made in the trailing edge of the wing covers to accommodate for static wicks. **Horizontal Stabilizer Covers** for winter use or long-term all year use are usually available, and are normally made from Solution-Dyed Polyester or Acrylic *Sunbrella*. A Hail Protection version can be made which incorporates dense closed cell foam into the entire upper surface of the wing covers to help prevent hail damage. Although these covers are bulky, they do help protect your wing and control surfaces against small to medium-size hail.

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.

WINTER USE MATERIAL - Made with Solution-Dyed Polyester fabric, this option is intended for seasonal use to aid in deicing, rain mitigation, or for occasional travel. The material is lighter and more compact, but more susceptible to UV damage and may have a shorter useful life if used continuously outside than the all-year use material.

The **Short Brothers Sherpa, Skyvan, 330 & 360 (C-23) Wing Covers** are a perfect solution to protect your paint from sun damage and prevent winter frost, snow, ice buildup, and corrosion. They are made from Solution-Dyed Polyester or Acrylic *Sunbrella* and form-fit to slip around each wing tip, cover the entire upper surface of the wing and wrap around the leading and trailing edges. The covers secure under the wing with adjustable straps from the trailing edge to the leading edge. The wing covers can also attach to each other with adjustable straps at the leading and trailing edges of the wing under the belly of the plane. In some instances, cut-outs are made in the trailing edge of the wing covers to accommodate static wicks. We have the ability to also accommodate wing tip modifications, such as STOL kits, droop tips, and vortex generators. Wing covers are labeled LEFT and RIGHT for your convenience. Wing Covers are available for winter use or long-term, all-year use. A Hail Protection version can be made which incorporates very dense closed cell foam into the entire upper surface of the wing covers to help prevent hail damage. Although these covers are bulky, they do help protect your wing and control surfaces against small to medium-size hail.

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.

WINTER USE MATERIAL - Made with Solution-Dyed Polyester fabric, this option is intended for seasonal use to aid in deicing, rain mitigation, or for occasional travel. The material is lighter and more compact, but more susceptible to UV damage and may have a

shorter useful life if used continuously outside than the all-year use material.

| Description | Part Number | Price |
|---|---|---|
| WING COVERS (set of 2) | **SHB-200** | **$3020.00** |
| HORIZONTAL STABILIZER COVER, WINTER USE | **SHB-300** | **$740.00** |
| HORIZONTAL STABILIZER COVER, ALL YEAR USE | **SHB-305** | **$955.00** |

***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.***

BRUCE'S CUSTOM COVERS

*A division of Aircraft Covers, Inc.*

# Propellor Cover Measuring Worksheet

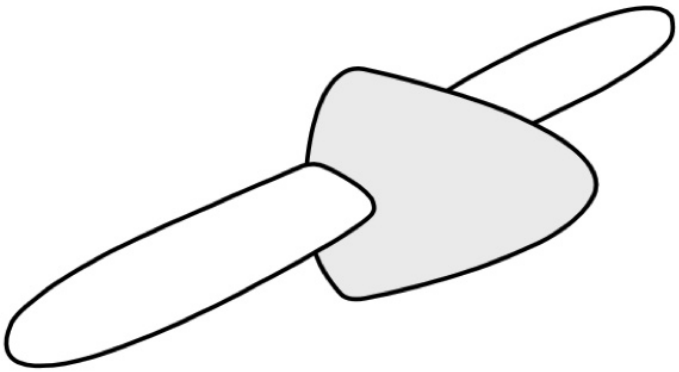
**Instructions:** Measure to the nearest 1/8" and only fill in what applies. You may email, fax or phone in the measurements.

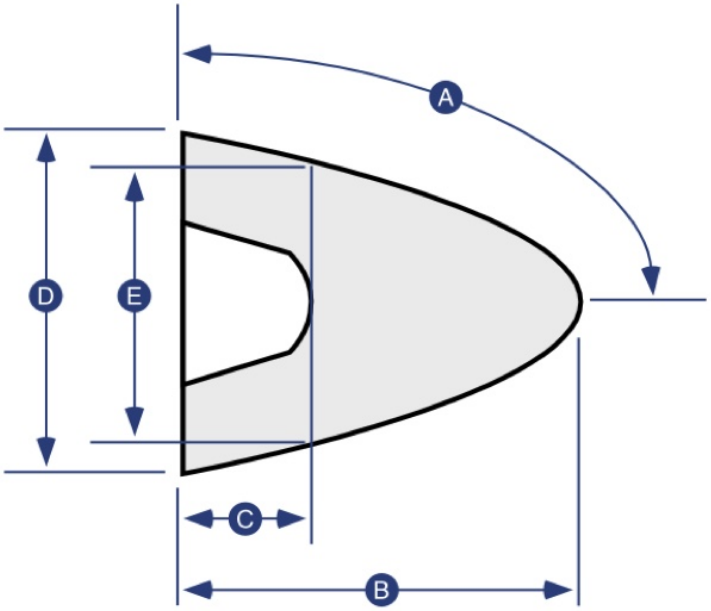
Aircraft Reg / Tail Number: _____ Aircraft Type: _____ Year: _____

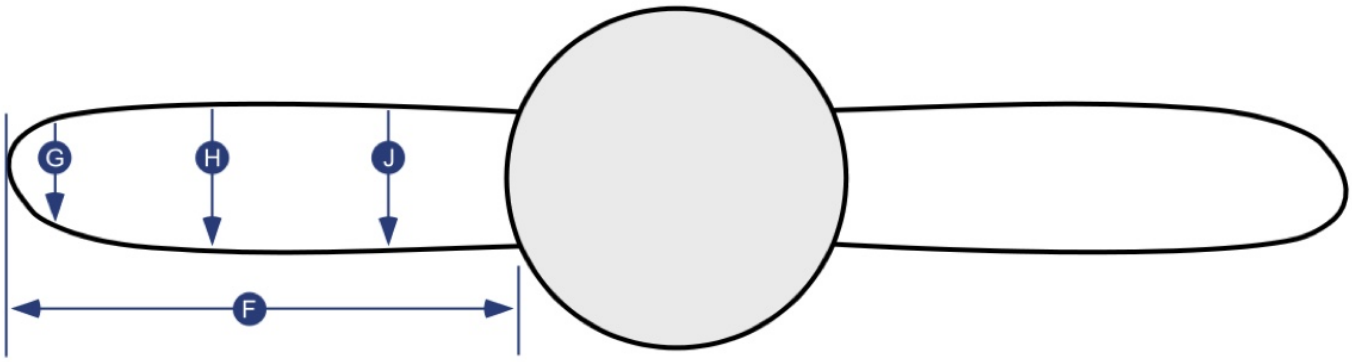
Name: _____ Phone & Email:

## *Propellor Measurements*

| Please check one: | 2 - Blade | 3 - Blade | 4 - Blade |
|---|---|---|---|
| A Measure along surface of cone | | | |
| B Measure "straight line" base to tip | | | |
| C Base to top of blade root opening | | | |
| D Provide diameter or circumference | | | |
| E Provide diameter or circumference | | | |
| F Blade root to prop tip | | | |
| G Trailing edge to leading edge | | | |
| H Trailing edge to leading edge | | | |
| J Trailing edge to leading edge | | | |






Ph: 408/738-3959 • Toll Free: 800/777-6405 • Fax: 408/738-2729 • bruce@aircraftcovers.com

BRUCE'S CUSTOM COVERS

A division of Aircraft Covers, Inc.

18850 Adams Ct.
Morgan Hill, CA 95037
www.AircraftCovers.com

# Aircraft Cover Ordering Form

**Customer Info**

Name _____

Shipping Address _____

_____

Phone & Email _____

**Payment**

Credit Card Number ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Exp. Date ☐☐ / ☐☐ V-Code* ☐☐☐☐

**Visa, Mastercard, Discover: last 3 numbers on back of card, right of signature. Amex: 4 smaller numbers printed on face of card.*

**A/C Info**

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)

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

***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*

Ph: 408/738-3959 • Toll Free: 800/777-6405 • Fax: 408/738-2729 • bruce@aircraftcovers.com