

## Tech Sheet: Mooney Mite

(mooney-M18.pdf)



Canopy Cover for the Mooney Mite

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### 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 **Mooney Mite 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.



Canopy Cover for the Mooney Mite

Description	Part Number	Price
CANOPY COVER	<b>M18-000</b>	<b>\$260.00</b>

## Section 2: Engine/Prop Covers

FOR INTERIOR USE - Protect your airplane's engine inside a cold winter hangar with our reasonably priced **Insulated Hangar Blanket**. While not as form fitting as our custom fit insulated engine covers, the **Hangar Blanket** will work wonders to help protect your engine when used with a heating device. AVAILABLE IN RED OR SILVER.

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.

Description	Part Number	Price
INSULATED HANGAR BLANKET, INTERIOR USE, for 2-place low wing aircraft	<b>M18-HB2</b>	<b>\$270.00</b>

## Section 4: Wing/Tail/Empennage Covers

The **Mooney Mite Empennage Cover** is a complete, one-piece cover which covers both the vertical and horizontal stabilizers, as well as the tailboom. It is normally made from *Solution-Dyed Polyester* or *Acrylic Sunbrella*. The cover attaches with Velcro to the aft edge of the Extended Canopy Cover and with adjustable straps underneath the belly. The cover is pulled back over the vertical stabilizer and a plastic all-weather zipper is closed at the trailing edge of the rudder. The cover is then stretched over the elevators and zippered closed along the bottom outboard elevator surfaces. The covers cinch under the horizontal stabilizers using adjustable straps. All antennas, beacons and static wicks, if applicable, are accounted for in the design.

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
EMPENNAGE COVER (Tailboom, Vertical & Horiz Stabilizers)	<b>M18-300</b>	<b>\$305.00</b>

## Section 5: HeatShields & Sun Reflectors

**Heatshield Interior Reflectors** are made of a special laminate of metallized polyester film and closed cell foam. Less than 1/8" thick, the Reflector can fold up flat and store in a sleeve, yet is stiff enough when flat to stand up against the windshield using the sun visors and window framing only. On some designs no Velcro or suction cups are necessary. **Heatshields** are an excellent short-term remedy for cockpit overheating, but use the **Canopy Cover** for more effective and practical long term protection.

Description	Part Number	Price
HEATSHIELD SET (set of 2)	<b>M18-910</b>	<b>\$140.00</b>

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

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.

Description	Part Number	Price
TRAVEL COVER, Light Weight Canopy Cover	<b>M18-800</b>	<b>\$210.00</b>

*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			



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

## Aircraft Cover Ordering Form

<b>Customer Info</b>	Name _____
	Shipping Address _____ _____
	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"/>
	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"/> <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