

## Tech Sheet: North American Mitchell B25

(north-american-B25.pdf)



Mitchell B25 Cockpit, Turret &amp; Engine Covers

### Section 1: Canopy/Cockpit/Fuselage Covers

The **North American Mitchell B25 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.

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 **North American Mitchell B25 Cockpit/Nose 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.

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Mitchell B25 Cockpit/Nose Cover, & Turret Cover



B25 Cockpit/Nose and Gun Turret Covers

Description	Part Number	Price
COCKPIT COVER	B25-000	\$660.00
COCKPIT/NOSE COVER	B25-001	\$1275.00

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 **North American Mitchell B25 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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B25 Engine Cover



B25 Engine Cover, Illustration

Description	Part Number	Price
ENGINE COVERS (set of 2)	<b>B25-100</b>	<b>\$1020.00</b>
PROPELLOR/SPINNER COVER, 3 Blade (set of 2)	<b>B25-120</b>	<b>\$570.00</b>

### Section 3: Plugs & Protection

**Engine Inlet Plugs** are custom fit for your North American Mitchell B25 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 Bung.**



Mitchell B25 Cockpit Cover w/ Custom Imprint (Bellystrap Type)



Mitchell B25 Cockpit Cover (Snap-On Type)

Description	Part Number	Price
OIL COOLER INLET PLUGS (set of 4)	<b>B25-110</b>	<b>\$290.00</b>
CARB INLET PLUGS (set of 2)	<b>B25-115</b>	<b>\$290.00</b>

### Section 5: HeatShields & Sun Reflectors

**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.

**Skylight Heatshields** are interior sunshades for the aircraft's overhead windows or skylights. The product is a unique composite of closed-cell foam with a silver mylar finish. The set 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.

Description	Part Number	Price
COCKPIT WINDSHIELD HEATSHIELDS (set of 2)	B25-900	\$155.00
COCKPIT HEATSHIELD SET (WINDSHIELD AND SIDE WINDOWS) (set of 6)	B25-905	\$425.00
COCKPIT SKYLIGHT HEATSHIELDS (does not include eyebrow) (set of 3)	B25-910	\$290.00
EYEBROW SKYLIGHT HEATSHIELD	B25-911	\$75.00

Section 6: Miscellaneous Products



Mitchell B25 Cockpit/Nose Cover, & Turret Cover



Mitchell B25 Cockpit/Nose Cover, & Turret Cover

Description	Part Number	Price
GUN TURRET COVER	B25-101	\$435.00
MID-BODY SIDE GUNNERS COVER	B25-200	\$450.00
TAIL GUNNERS TURRET COVER	B25-205	\$435.00

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

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B25 Cockpit/Nose and Gun Turret Covers



Mitchell B25 Cockpit Cover (Snap-On Type)

Description	Part Number	Price
TRAVEL COVER, Light Weight Travel Cockpit Cover	<b>B25-800</b>	<b>\$530.00</b>
TRAVEL COVER, Light Weight Travel Cockpit/Nose Cover	<b>B25-810</b>	<b>\$1020.00</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       |  |



## 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"/> <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