



BRUCE'S CUSTOM COVERS

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a div. of Canvas Works, Inc.

manufacturer of the finest custom-made aircraft covers

[Tech Sheet: Piper PA-32 Saratoga, Cherokee 6](#)



[Canopy Covers are available in belly strap and snap-on styles](#)

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

The PA-32 Canopy Cover encloses the windshield and cabin. it is custom sewn to fit each airplane according to antennae and temperature probe placements. Where necessary a pocket is sewn into the cover for the temperature probe and reinforced holes are added for VHF antennae. They can be made to fit around ADF or VOR antennae by placing a Velcro closure down the side of the canopy cover from the antenna base.

The Extended Canopy Cover is similar to the standard Canopy Cover, except that it extends down to the wing root and overlaps with the the Wing Covers. It features a shock-cord hem and fore and aft belly straps which are detachable and adjustable from either side. The Extended Canopy Cover can be made to overlap and attach with Velcro to the Engine Cover and Empennage Cover. The Extended Canopy Cover is made of Silver Laminate, and comes with a storage bag.

Each canopy cover is custom sewn and trimmed in the colors of the airplane. A duffle bag is also provided. For an extra charge the airplane's registration number can be imprinted onto both sides of the cover.

Each canopy cover is made of nylon Silver Laminate. Bruce's Custom Covers developed Silver Laminate especially for aircraft protection. The outer material is a medium weight nylon treated for ultraviolet resistance and anti-static buildup. The inner lining is brushed nylon tricot knit. Silver Laminate is extremely reflective. Tests show that

is breathable enough to allow moisture to escape from between the cover and the windshield surface. Silver Laminate contains no hydrocarbon compounds which can harm plexiglass windshields and acrylic finishes.

Engine Inlet Plugs are "pillows" sewn of heavy duty vinyl material and stuffed with a single block of urethane foam. A zipper in the back of each plug allows the foam to be removed and dried if necessary. Engine plugs have warning flags which stick up above the cowl line, visible from the cockpit. Most plugs are embroidered with the aircraft registration number, done in black, about 1" high.

The Engine Cover is made of Silver Laminate like the Canopy Cover. It encloses the entire engine cowling area and Velcro's closed beneath the prop spinner. It is attached with a belly strap aft of the firewall, and with Velcro to the Canopy Cover.

The Propellor Cover is a one-piece form fit design which slips over the blades and spinner. The cover zips together along the bottom edge of the blade covers. The Propellor Cover is made of Silver Laminate.

Wing Covers and Horizontal Stabilizer Covers are form-fit to slip over the wing tip and secure with straps under the wing. Wing Covers are made of medium weight nylon, and come with a storage bag.

The Empennage Cover is a one-piece cover made to cover the vertical and horizontal stabilizers, as well as the tail area aft of the Canopy Cover. The cover attaches with Velcro to the aft edge of the Canopy Cover, and with straps underneath the belly. The cover is pulled back over the vertical stabilizer and a zipper is closed at the trailing edge of the rudder. The cover is then stretched over the elevators and zippered closed along the bottom elevator surfaces. There are also some straps under the elevators. The Empennage Cover is made of medium weight nylon.

HeatShield Interior Reflectors are made of a special laminate of metallized polyester film and closed cell foam. Less than 1/8" thick, the reflector is stiff enough when flat to stand up against the windshield using the sunvisors and window framing only. On some designs Velcro fasteners are necessary. HeatShields roll up and store in a sleeve, yet retain a memory to be flat whenever they are needed. HeatShields are an excellent short-term remedy for cockpit overheating, but the Canopy Cover offers a more effective and practical solution.



Extended Canopy Cover w/fwd Bib & Engine Plugs



Extended Canopy Cover w/fwd Bib



Cherokee Six Canopy/Engine Cover



Engine Cover on Turbo Saratoga model



PA-32 Tailcone Cover

CURRENT PRODUCTS LIST as of: August 27, 2007
Piper PA-32 Saratoga, Cherokee 6

<u>DESCRIPTION</u>	<u>SET OF...</u>	<u>PART NO.</u>	<u>PRICE</u>
CANOPY COVER, BELLY STRAP TYPE	1	PA32-000	415.00
CANOPY COVER, SNAP-ON TYPE	1	PA32-001	415.00
CANOPY COVER w/fwd bib, BELLY STRAP TYPE	1	PA32-003	480.00
CANOPY/ENGINE COVER	1	PA32-004	645.00
CANOPY/ENGINE COVER (covers top of engine cowling only)	1	PA32-005	580.00
CANOPY/ENGINE COVER (Saratoga SP models)	1	PA32-006	645.00
EXTENDED CANOPY COVER	1	PA32-010	590.00
EXT CANOPY COVER w/cargo door fwd bib & 36" wing extension	1	PA32-011	700.00
EXTENDED CANOPY/ENGINE COVER (extends to dorsal)	1	PA32-012	1075.00
FUSELAGE COVER (engine, cabin, empennage, inc. T-tail), for T-Tail Lance models	1	PA32-013	1850.00
EXTENDED CANOPY/ENGINE COVER	1	PA32-014	855.00
EXTENDED CANOPY COVER w/cargo door fwd bib	1	PA32-015	645.00
EXTENDED CANOPY COVER (extends to dorsal)	1	PA32-016	805.00
EXTENDED CANOPY COVER (w/fwd bib & extends to dorsal)	1	PA32-017	860.00
EXTENDED CANOPY/ENGINE COVER, Saratoga SP	1	PA32-018	855.00
WING COVERS (Cherokee 6-300 & Lance Models)	2	PA32-020	420.00
WING COVERS (Saratoga 301T Models)	2	PA32-021	420.00
EMPENNAGE COVER	1	PA32-030	435.00
EMPENNAGE COVER (Saratoga Models: '96 & up)	1	PA32-031	435.00
EMPENNAGE COVER (T-TAIL LANCE)	1	PA32-032	495.00
EMPENNAGE COVER (doesn't cover vertical or horizontal stab's)	1	PA32-033	280.00
HORIZONTAL STABILIZER COVERS	2	PA32-040	225.00

ENGINE INLET PLUGS (CHEROKEE 6-300 & SARATOGA-301: NORM. ASPIRATED)	2	PA32-100	75.00
CARB INLET PLUG (PA32-301 & PA32R-301)	1	PA32-101	45.00
ENGINE INLET PLUGS (CHEROKEE 6-260: NORM. ASPIRATED)	2	PA32-102	75.00
ENGINE INLET PLUGS (late models, round type)	2	PA32-103	75.00
ENGINE INLET PLUG (TURBO SARATOGA)	1	PA32-104	75.00
ENGINE COVER (Saratoga SP models)	1	PA32-105	295.00
ENGINE COVER	1	PA32-106	295.00
ENGINE COVER (INSULATED)	1	PA32-107	400.00
ENGINE COVER (CHEROKEE 6-300 MODELS)	1	PA32-108	295.00
ENGINE INLET PLUGS (SARATOGA SP, Turbo Plus type)	5	PA32-109	145.00
PROPELLOR COVER, 2 blade	1	PA32-110	150.00
PROPELLOR COVER, 2 blade, insulated	1	PA32-111	220.00
PROPELLOR COVER, 3 blade	1	PA32-112	215.00
ENGINE COVER (Saratoga models, '96 & up)	1	PA32-113	295.00
ENGINE COVER (Saratoga Turbo Plus STC)	1	PA32-114	295.00
ENGINE COVER (Saratoga Turbo Plus STC) INSULATED	1	PA32-115	405.00
ENGINE COVER (INSULATED, Saratoga SP models)	1	PA32-116	405.00
TAILCONE COVER	1	PA32-650	135.00
WINDSHIELD HEATSHIELD	1	PA32-900	65.00
WINDSHIELD, PILOT/CO-PILOT HEATSHIELDS (late model Saratoga w/eyebrow console), single piece windshield	3	PA32-901	115.00
WINDSHIELD HEATSHIELD, 6X/XT models	1	PA32-902	65.00
WINDSHIELD, PILOT/CO-PILOT HEATSHIELDS (late model Saratoga w/eyebrow console), 2-piece windshield	4	PA32-903	120.00
HEATSHIELD SET, newer models, 2-pc windshield	10	PA32-905	240.00
HEATSHIELD SET	10	PA32-910	240.00
HEATSHIELD SET, newer models, smaller 1-pc windshield	9	PA32-911	240.00
HEATSHIELD SET, 6X/XT models	7	PA32-912	230.00
PITOT COVER (late model "L" type)	1	PA32-HP1	13.00
PITOT COVER (early "straight" type)	1	PA32-HPP	13.00

Prices subject to change. Other Covers and Design Alterations: Prices on request.

Prices are FOB Sunnyvale, CA. Sales tax on orders shipped to California addresses. Orders take approximately 3 weeks to complete. Normally we ship by UPS second day service. Next day shipping and air parcel post is available on request. We can take payment by Visa, Mastercard, American Express or by UPS-COD.

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.



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CANOPY COVER ORDERING INFORMATION, Page 1

INSTRUCTIONS: Print Form, Fill Out, Fax to 408/738-2729

NAME _____

SHIPPING ADDRESS _____

PHONE, FAX, EMAIL _____

PAYMENT BY: Visa MasterCard Amex Discover (check one)

All shipments are F.O.B. Sunnyvale, California, shipping by UPS (Ground or 2nd Day Service) unless requested otherwise.

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.

AIRCRAFT TYPE _____ YEAR _____ N _____

reg. number

AIRCRAFT COLORS (be specific) _____

DO YOU WANT YOUR N-NUMBER IMPRINTED ONTO COVER? (\$30 CHARGE) YES NO (check one)

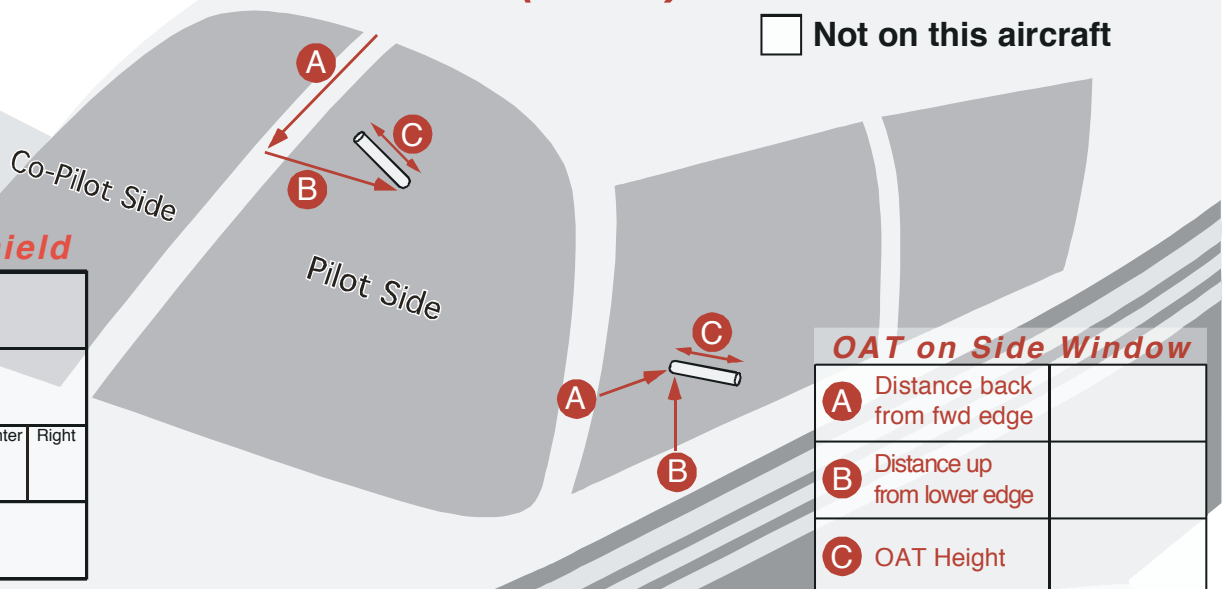
Specify below ALL of the items you would like to order.

See Technical Sheet For Part Numbers (or fill in description)

part number	quant	description	price

TEMPERATURE PROBE (OAT) WORKSHEET

Not on this aircraft



OAT on Windshield

A Distance from top Windshield			
B Offset from Centerline			
OAT Offset (check one)	Left	Center	Right
C OAT Height			

OAT on Side Window

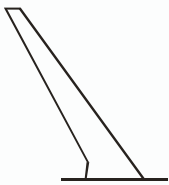
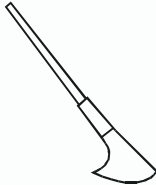
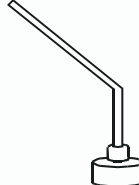
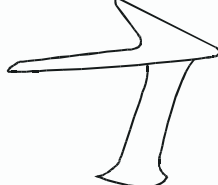
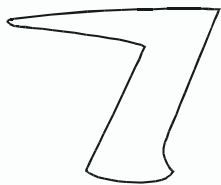



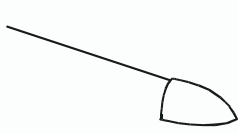
A Distance back from fwd edge	
B Distance up from lower edge	
C OAT Height	

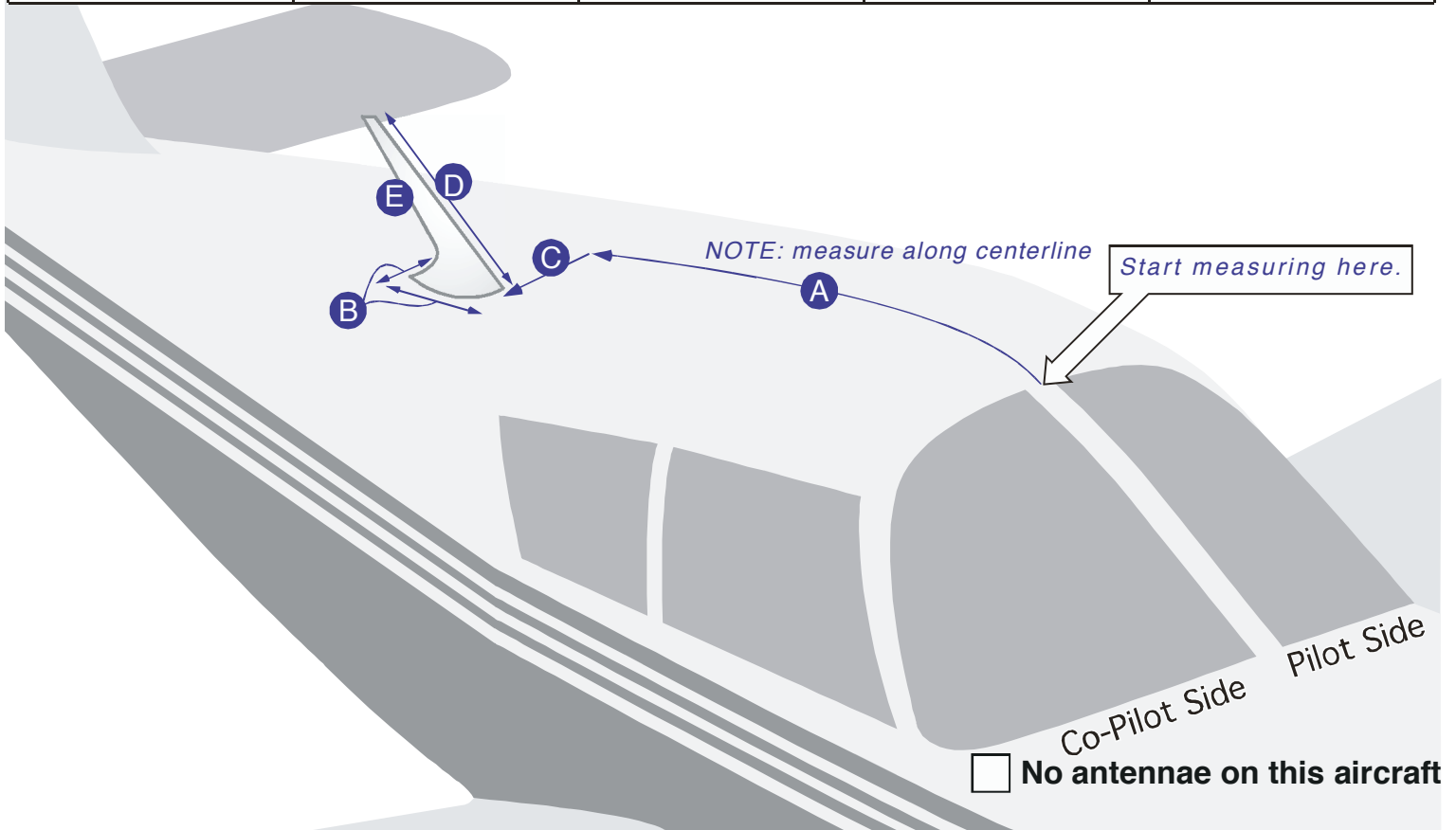
NAME: _____

ANTENNA PLACEMENT WORKSHEET

INSTRUCTIONS: Print Form, Fill Out, Fax to 408/738-2729

ANTENNA TYPES

1  Com Antenna type 1	2  Com Antenna type 2	3  Com Antenna type 3	4  Large "V" Antenna	5  Mooney "7" Antenna
6  Small "V" Antenna	7  Garmin Fin / TCAS	8  ADF Wire Antenna: A	9  ADF Wire Antenna: B	NOTE If none of these, sketch outline of antenna, then measure length & width of base.



No antennae on this aircraft

A Distance from top of Windshield **B** Length/Width of Antenna base **C** Offset from Centerline Antenna Offset (circle one) **D** Slope length of Antenna (types 1-3) **E** Antenna Type (see types above)

Example	34 5/8" <small>(inches or metric)</small>	5 1/2" x 3 1/4"	9 1/2"	Left <small>(pilot)</small>	Center	Right <small>(co-pilot)</small>	18"	1
Antenna #1				Left	Center	Right		
Antenna #2				Left	Center	Right		
Antenna #3				Left	Center	Right		
Antenna #4				Left	Center	Right		



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Measuring for a Propellor Cover

INSTRUCTIONS: Print Form, Fill Out, Fax to 408/738-2729

Spinner and blade dimensions on propellers vary, even among similar models. Producing a well-made propellor cover depends upon the following measurements.

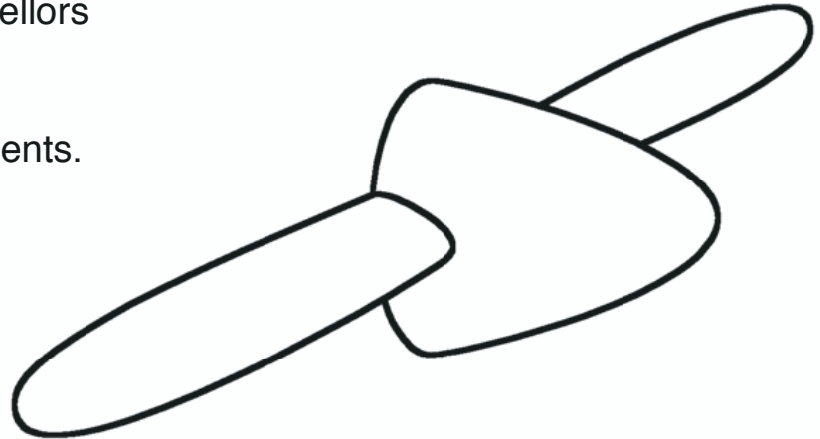
If you have any questions or problems, please call.

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)

