



280FX.pdf

## BRUCE'S CUSTOM COVERS

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*a div. of Canvas Works, Inc.*

*manufacturer of the finest custom-made aircraft covers*

### Tech Sheet: Enstrom 280FX

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#### Bubble, Main Rotor Mast, Tail Rotor Covers on Enstrom F280FX

**Enstrom Bubble Covers** enclose the entire canopy including the windshield, skylights and chin bubbles. Separate bubble cover patterns are used for F28A, F28F (C-2) and F280 (Shark) models. The cover attaches at 3 points. At the top rear of the cover a buckle and strap detail attaches to the main rotor shaft. Straps at the lower rear corners attach to the front struts. Attachment buckles are made of non-metal Delrin, designed for rugged outdoor use. The hems of the cover have a special rope-hem feature in which they can be tightened to insure a perfect guarantee against wind-blown chaffing. A large bright red pocket is sewn into the cover for the temperature probe. For ease of installation, bubble covers are color-coded (red=left, green=right) with color swatches sewn into the corners.

**Bubble Covers are made of nylon Silver Laminate.** Bruce's Custom Covers developed Silver Laminate especially for aircraft protection. It is a two-ply laminate, constructed of an outer layer of medium weight nylon treated for ultraviolet resistance and anti-static buildup. The inner lining is soft, brushed nylon tricot knit. Silver Laminate is extremely reflective. Tests show that the cabin interior temperature can be reduced by as much as 25 degrees. It is water, ice and snow repellent, yet it 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.

**The Enstrom Engine Cover** encloses the engine cowling area from the firewall aft to the tailboom "bottleneck". Using nylon webbing and Delrin buckles, it fastens to the helicopter at the front and rear struts on both sides. A special adjustable bungee cord hem helps keep the engine cover tight. The engine cover is made of heavy-weight nylon and is available in a variety of colors.

**The Enstrom Tail Boom Cover** encloses the tail boom from the engine cover aft. It covers the horizontal stabilizers, and has pocket allowances for any antennae. When ordering specify which Enstrom model and location and type of

antennae. The tail boom cover is made of medium-weight nylon.

**The Enstrom Rotor Hub Cover** overlaps with the blade covers to insure complete protection for the main rotor hub. It is made of heavy weight nylon and fastens securely with Delrin buckles.

**Enstrom Blade Covers** are sewn of medium weight nylon pack cloth. Cut "full" to avoid trim tab damage, blade covers can be installed from the ground with the aid of lightweight rope which is attached to the open end. Covers are cinched tight at the blade root with straps and Delrin buckles. A small opening at the tip of the cover allows for some air circulation and drainage. For operations in extremely cold weather, cold weather blade covers are fitted with full length zippers, and with "boots" designed to accept a pre-heater hose.

**Enstrom Blade Tie-Downs** are "socks" which fit over the blade tip with or without blade covers installed. Two of the tie-downs are fitted with a generous length of rope, while the third features a strap/buckle detail to fit around the tail boom. Made of heavy weight nylon, tie-downs are available as a complete set, or individually.

**The Enstrom Tail Rotor/Gearbox Cover** is a one-piece design which fits over the blades, hub and gearbox. It fastens with snaps along the bottom edge. Made of medium weight nylon, tabs have been sewn into the tips of the cover so that it may be tied down in high winds.

**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.



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Bubble, Engine, Tailboom, Main & Tail Rotor Covers (280FX shown)

**CURRENT PRODUCTS LIST as of: January 24, 2009**  
**Enstrom 280FX**

<u>DESCRIPTION</u>	<u>SET OF...</u>	<u>PART NO.</u>	<u>PRICE</u>
BUBBLE COVER (280FX models)	1	280FX-030	550.00
ENGINE COVER	1	280FX-100	420.00
ENGINE COVER, INSULATED	1	280FX-105	585.00
TAIL BOOM COVER	1	280FX-150	550.00
ROTOR HUB COVER	1	280FX-300	195.00
BLADE COVERS	3	280FX-400	360.00
BLADE COVERS (COLD WEATHER TYPE)	3	280FX-410	550.00
BLADE TIE-DOWNS	3	280FX-500	165.00
TAIL ROTOR COVER	1	280FX-600	135.00

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

# AIRCRAFT COVER ORDERING INFORMATION

NAME \_\_\_\_\_

SHIPPING ADDRESS \_\_\_\_\_

PHONE, FAX, E-MAIL \_\_\_\_\_

**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) \_\_\_\_\_

***Please specify below the items you would like to order.  
 See Technical Sheet for part numbers (or just fill in the description)***

	part number	quant	description	price
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				

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

*Imprint* aircraft registration number onto both sides of canopy cover. . . . . \$30.00

*Silkscreen* aircraft registration number onto both intake covers of jet engine cover set. . . 50.00

rev. date: 2/15/07