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: Aerospatiale SA316B Alouette III

(aerospatiale-A316B.pdf)



Bubble Cover for the Alouette III

Section 1: Cockpit/Bubble Covers

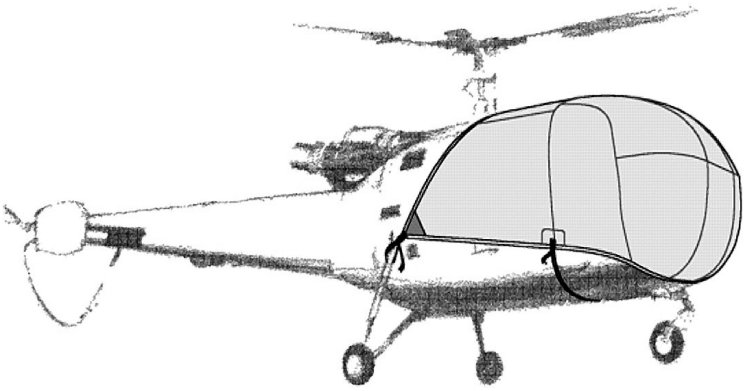
The **Aerospatiale SA316B Alouette III Bubble Cover** helps reduce damage to the upholstery and avionics caused by excessive heat and can eliminate problems caused by leaking door and window seals. They keep the windshield and window surfaces clean and help prevent vandalism and theft.

The **Bubble Cover** encloses the entire canopy including the windshield, skylights, and chin bubble Attachment buckles are made of nonmetal *Delrin*, designed for rugged outdoor use. Both the top and bottom hems of the cover have a special rope-hem feature with which they can be tightened to help prevent abrasive chafing of the windshield. Pockets are sewn into the cover for the temperature probe and pitot tubes. The bubble cover is reinforced with patches at hinge points, door handles, and for the windshield wipers. For ease of installation, the bubble cover is color-coded (red=left, green=right) with color swatches sewn into the corners.

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.



Alouette III Bubble, Rotor Hub & Engine Covers, Blade Tie-Downs



Bubble Cover for the Alouette III

Description	Part Number	Price
BUBBLE COVER	**A316B-000**	**$1295.00**
BUBBLE COVER w/Bubble Windows	**A316B-005**	**$1565.00**
BUBBLE COVER w/Cargo Mirror	**A316B-010**	**$1295.00**
BUBBLE COVER w/Bubble Windows & Cargo Mirror	**A316B-015**	**$1670.00**

Section 2: Engine/Tail Rotor Covers

Blade Tie-Downs are "socks" which fit over the blade tip with or without Blade Covers installed. Front blade tie-downs have two lengths of rope or strap which attaches to the front cross tubes on either side of the cabin. The other tie-downs have generous lengths of rope or strap to tie the blades down at any convenient spot.

Engine/Transmission Covers form a "saddle" over the engine and transmission and extend aft to cover the exhaust. They fasten on either side to the rear latch of the engine access door. They are color coded (red=left, green=right). Engine Covers are normally made of durable Solution-Dyed Polyester or Acrylic *Sunbrella*.

Rotor Hub Covers overlaps with the Blade Covers to ensure complete protection for the entire main rotor system. Designed like a jacket with sleeves and no collar, the rotor hub cover fastens together below each blade with *Delrin* buckles. The Rotor Hub Cover is normally made from Solution-Dyed Polyester.

Tail Rotor Tie-Downs are a similar design to the main blade tie-downs. Stout bungee cords attached to the tie-down socks pull the rotor tips back toward the hub, pulling the tail rotor back to a secure position.

Bruce's **Aerospatiale SA316B Alouette III Blade Covers** are made of medium-weight Solution-Dyed Polyester and designed to avoid trim tabs or wicks. You can install Blade Covers from the ground with the aid of a lightweight rope attached to the open end. Covers are cinched tight at the blade root with straps and quick-release plastic buckles. The **Cold Weather Blade Covers** are fitted with full-length zippers and optional deice "boots" designed to accept a preheater hose; a small opening at the tip of the cover allows for some air circulation and drainage in freezing weather. Some part numbers have features for an extra charge.

The **Aerospatiale SA316B Alouette III Tail Rotor Cover** is a one-piece design which encloses both the blades and their hub, snapping closed along the bottom edge. The tail rotor cover is normally made from Solution-Dyed Polyester.

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.



Alouette III Rotor Hub Cover, Insulated Engine/Transmission Cover



Alouette III Bubble, Rotor Hub & Engine Covers, Blade Tie-Downs

Description	Part Number	Price
ENGINE/TRANSMISSION COVER	**A316B-100**	**$815.00**
INSULATED ENGINE/TRANSMISSION COVER	**A316B-105**	**$1135.00**
EXHAUST COVER	**A316B-120**	**$165.00**
ROTOR HUB COVER	**A316B-300**	**$470.00**
BLADE COVERS (set of 3)	**A316B-400**	**$835.00**
BLADE COVERS, cold weather (set of 3)	**A316B-410**	**$1135.00**
BLADE TIE-DOWNS (fabric type) (set of 3)	**A316B-500**	**$285.00**
TAIL ROTOR COVERS (set of 3)	**A316B-600**	**$285.00**
TAIL ROTOR HUB COVER	**A316B-610**	**$195.00**
TAIL ROTOR BLADE TIE-DOWNS (set of 3)	**A316B-620**	**$195.00**

Section 6: Miscellaneous Products

Description	Part Number	Price
SAND FILTER COVERS (set of 2)	**A316B-115**	**$425.00**

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

The **Aerospatiale SA316B Alouette III Lightweight Travel Bubble Cover** is the same design as our standard bubble cover, but the material used is very lightwieight and will fold up and store in a smaller space.

Travel Covers are made with Silver Solution-Dyed Polyester fabric and fully lined over the entire cover. 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 Travel Bubble Cover	**A316B-800**	**$1030.00**
TRAVEL COVER, Light Weight Travel Bubble Cover w/Bubble Windows	**A316B-810**	**$1250.00**
TRAVEL COVER, Light Weight Travel Bubble Cover w/Cargo Mirror	**A316B-820**	**$1030.00**
TRAVEL COVER, Light Weight Travel Bubble Cover w/Bubble Windows & Cargo Mirror	**A316B-830**	**$1335.00**

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.

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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.....$35.00*

☐ ***Imprint** aircraft registration number onto Jet intake covers.....$55.00*

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