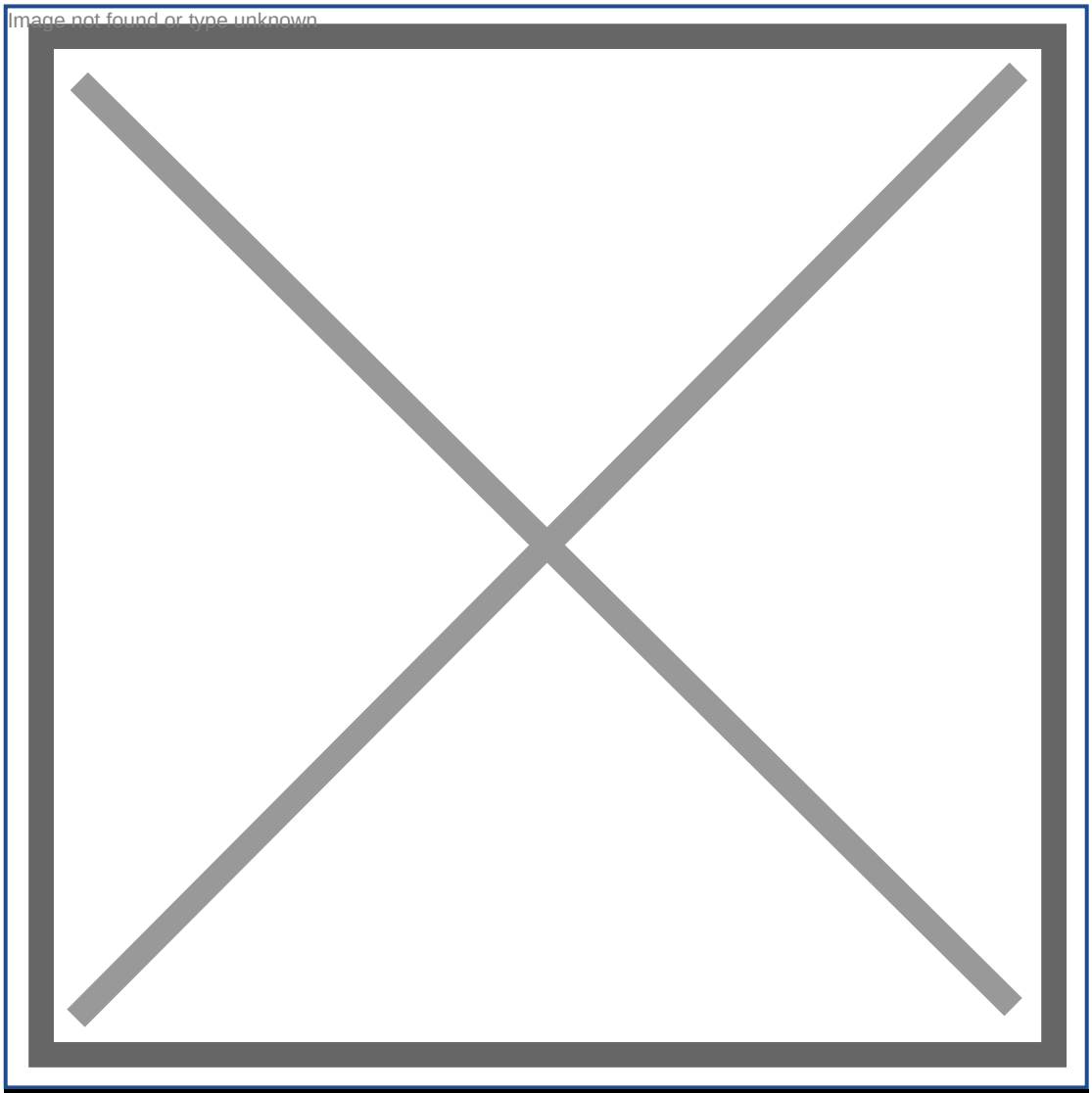
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# Tech Sheet: ELA Aviation Eclipse, Cougar, Scorpion Gyrocopter

(ela-aviation-ELA.pdf)



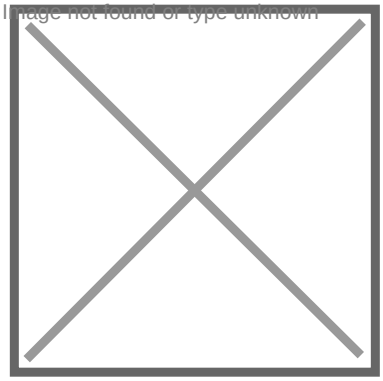
ELA ECLIPSE EVO Travel Weight Canopy/Nose Cover, Rotor Mast Inlet Plug

## Section 1: Cockpit/Bubble Covers

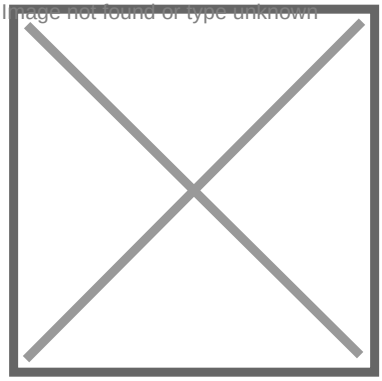
The **ELA Aviation Eclipse, Cougar, Scorpion Gyrocopter Canopy/Nose Cover** helps reduce damage to the upholstery and avionics caused by excessive heat and can eliminate problems caused by leaking door and window seals. They keep the

windshield and window surfaces clean and help prevent vandalism and theft.

**Canopy/Nose Covers** enclose 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 cornersThis 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.




Magni Auto Gyro M16 Cockpit/Nose Cover



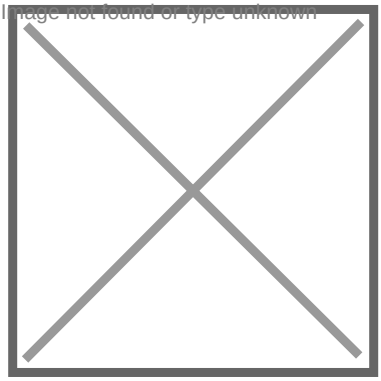

ELA Eclipse EVO Canopy/Nose Cover

| Description | Part Number | Price |
|---|---|---|
| CANOPY/NOSE COVER | **ELA-000** | **$585.00** |

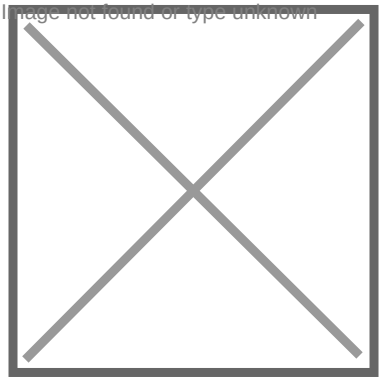
## Section 2: Engine/Tail Rotor Covers

**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.

**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.



Robinson R-22 Insulated Engine Cover (also covers bottom) & Front Blade Tie-down

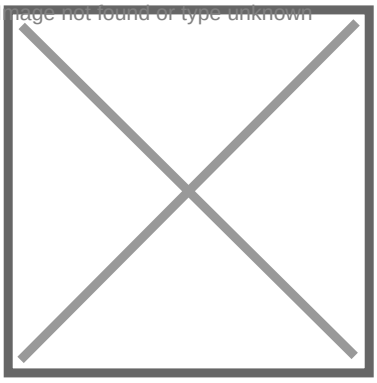


Autogyro Calidus Rotor Mast Cover, 3D model

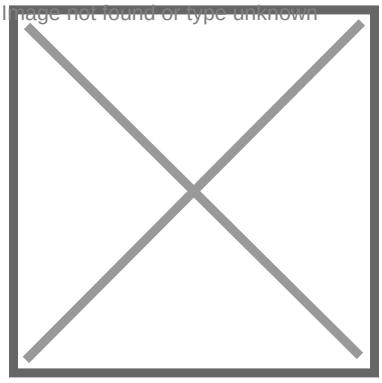
| Description | Part Number | Price |
|---|---|---|
| ROTOR HUB/MAST COVER | **ELA-300** | **$315.00** |
| BLADE TIE-DOWNS (fabric type) (set of 2) | **ELA-500** | **$195.00** |

## Section 3: Plugs & Protection

The **Engine Inlet Plugs** are custom fit for your ELA Aviation Eclipse, Cougar, Scorpion Gyrocopter 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 '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 Bungs.



ELA ECLIPSE EVO Travel Weight Canopy/Nose Cover, Rotor Mast Inlet Plug



ELA Eclipse EVO Rotor Mast Inlet Plug

| Description | Part Number | Price |
|---|---|---|
| Rotor Mast Inlet Plug | **ELA-100** | **$155.00** |

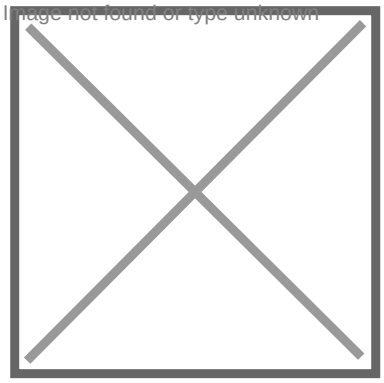
## Section 4: Tailboom Covers

The **ELA Aviation Eclipse, Cougar, Scorpion Gyrocopter Empennage Cover** is a complete, one-piece cover which covers both the vertical and horizontal stabilizers, as well as the tailboom, if applicable. It is normally made from *Solution-Dyed Polyester* or *Acrylic Sunbrella*. The cover attaches with adjustable straps underneath the belly. The cover is pulled back over the vertical

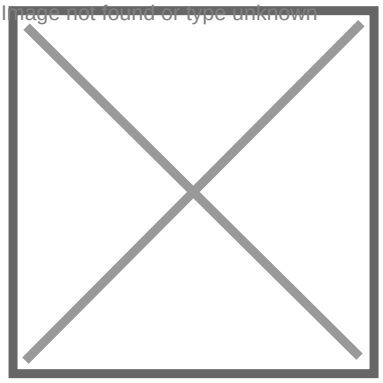
stabilizer and a plastic all-weather zipper is closed at the trailing edge of the rudder. The cover is then stretched over the elevators and zippered closed along the bottom outboard elevator surfaces. The covers cinch under the horizontal stabilizers using adjustable straps. All antennas, beacons and static wicks, if applicable, are accounted for in the design. Attachment details can vary by model.

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.



MTOSPORT 2017 Empennage Cover



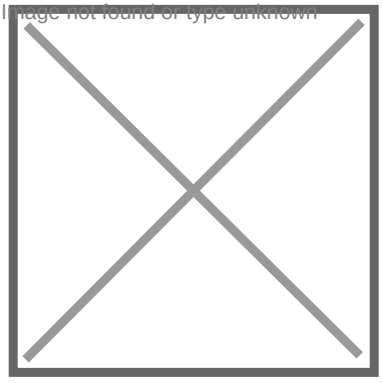
Autogyro 2017 Empennage Cover

| Description | Part Number | Price |
|---|---|---|
| EMPENNAGE COVER | **ELA-400** | **$315.00** |

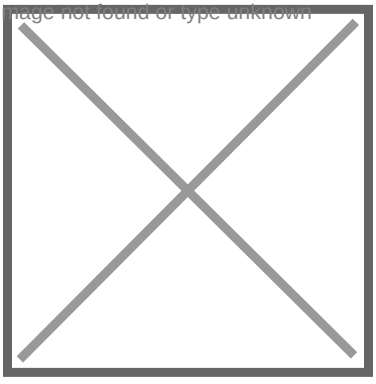
## Section 7: Light Weight Products: Travel Covers and FlyAway Covers

The **ELA Aviation Eclipse, Cougar, Scorpion Gyrocopter Lightweight Travel Canopy/Nose 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.



Magni M16 Autogyro Canopy/Nose Cover, test fit cover



Cavalon Gyrocopter Bubble Cover, test fit cover

| Description | Part Number | Price |
|---|---|---|
| TRAVEL COVER, Light Weight Canopy/Nose Cover | **ELA-800** | **$470.00** |

***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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