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: Bell 204 & UH-1 Huey

(bell-204.pdf)




Bell 204 Engine and Cockpit Covers

## Section 1: Cockpit/Bubble Covers

The **Bell 204 & UH-1 Huey Forward Cabin Cover** is designed to cover the front and side windows of the cockpit.

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 **Bell 204 & UH-1 Huey Forward Cabin/Nose Cover** is designed to cover the front and side windows of the cockpit, and extend forward to cover the nose. Pockets are sewn into the cover to accommodate for the pitot tubes.

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.



Forward Cabin Nose & Mid-Cabin/Engine Cover (extended to cross tubes)



Bell 204/205 Full Body Cover Set

| Description | Part Number | Price |
|---|---|---|
| FORWARD CABIN COVER | **204-000** | **$815.00** |
| FORWARD CABIN/NOSE COVER | **204-010** | **$1005.00** |
| FORWARD CABIN/NOSE COVER, with Wire Strike & Cargo Mirror | **204-014** | **$1130.00** |
| FULL BODY COVER, including underbelly, for indoor storage only | **204-030** | **$5715.00** |

## 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 Cover** details vary by model, but generally these covers are designed to enclose and protect the swash plate, inlet, exhaust and engine access areas. They are designed to tighten up around the main rotor drive shaft and tailboom bottleneck areas, and attach securely with straps either under the belly or to the land gear cross tubes (or both). *Delrin* buckles are used to tighten the attachment straps. The engine cover is made of Solution-Dyed Polyester or acrylic *Sunbrella*, and is available in a variety of colors ([contact us for details](/contact). Specific information for each model is available on request.

**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 **Bell 204 & UH-1 Huey 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 **Bell 204 & UH-1 Huey Insulated Engine Cover** works well in cold climates to help with engine preheating. You can add an access flap for an additional fee. It will cinch around or behind the spinner, cover the entire engine cowl area including the engine air inlets, and fastens together with Velcro beneath the spinner down the front of the cowling.

Insulated Covers Material - A special composite material of solution-dyed polyester, 3M Thinsulate insulation, and soft nylon interior fabric. Our insulated covers are designed to complement an engine preheater and help retain heat in the engine compartment after shutdown. If you operate your aircraft in cold-weather, these covers will help prevent engine wear and tear.

The **Bell 204 & UH-1 Huey Intake Cover.** Details vary by model, but generally helicopter intake covers are designed to enclose the intake are only. They are smaller than helicopter engine covers, and their attachment details can vary from straps, to snaps, or some combination of the two. Specific information for each model is available on request.

The **Bell 204 & UH-1 Huey 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.




Bell 204/205 Engine/Mid-Cabin Cover, Main & Tail Rotor Covers



Bell 204 & UH-1 Huey Engine Intake Cover

| Description | Part Number | Price |
|---|---|---|
| ENGINE AREA/MID-CABIN COVER | **204-020** | **$1020.00** |
| ENGINE AREA/MID-CABIN COVER, extends down to crosstubes | **204-021** | **$2340.00** |
| ENGINE AREA/MID-CABIN COVER, w/IR suppressor exhaust | **204-022** | **$2340.00** |
| INSULATED ENGINE AREA/MID-CABIN COVER | **204-023** | **$1370.00** |
| INSULATED ENGINE AREA/MID-CABIN COVER, extends down to crosstubes | **204-024** | **$3260.00** |
| ENGINE EXHAUST COVER | **204-100** | **$190.00** |
| AFT ENGINE COVER (overlaps with mid-cabin cover) | **204-101** | **$365.00** |
| PARTICLE SEPARATOR INLET COVER (chain weighted type) | **204-102** | **$360.00** |
| ENGINE EXHAUST COVERS (UH-1Y Venom / Super Huey) (set of 2) | **204-103** | **$380.00** |
| ENGINE INTAKE COVER (UH-1H models) | **204-105** | **$225.00** |
| ROTOR HUB/MAST COVER | **204-300** | **$455.00** |
| BLADE COVERS, original 204 blades (set of 2) | **204-400** | **$755.00** |
| BLADE COVERS, 205 model blades (set of 2) | **204-405** | **$820.00** |
| BLADE COVERS (COLD WEATHER TYPE), original 204 blades (set of 2) | **204-410** | **$870.00** |
| BLADE COVERS (COLD WEATHER TYPE), 205 model blades (set of 2) | **204-415** | **$905.00** |
| BLADE COVERS, Padded For Hail Protection (set of 2) | **204-420** | **$1805.00** |

| | | |
|---|---|---|
| FRONT BLADE TIE-DOWN | **204-500** | **$245.00** |
| REAR BLADE TIE-DOWN | **204-510** | **$245.00** |
| BLADE TIE-DOWNS, FRONT & REAR (set of 2) | **204-515** | **$480.00** |
| TAIL ROTOR COVER | **204-600** | **$315.00** |
| TAIL ROTOR HUB/GEARBOX COVER | **204-610** | **$270.00** |
| TAIL ROTOR BLADE TIE-DOWNS (set of 2) | **204-620** | **$145.00** |

## Section 3: Plugs & Protection

**Bell 204 & UH-1 Huey Pitot Tube Covers**, NOT HEAT RESISTANT TYPE, are made of Naugahyde vinyl, and are designed to cover the entire pitot assembly. Slipping over the tube, the cover tightens around the base with a Velcro strap detail. A "Remove Before Flight" streamer is attached to the cover. **Heat Resistant Pitot Covers** are an upgrade to this design, and help prevent the pitot cover from melting onto the tube if the pitot heat is accidentally turned on while installed. If you want the set tethered together, please let us know.




Pitot Tube Cover

| Description | Part Number | Price |
|---|---|---|
| PITOT COVERS (set of 2) | **204-HPB** | **$70.00** |

## Section 4: Tailboom Covers

The **Tailboom Cover** details vary by model, but generally the helicopter tail boom cover encloses the tail boom from the "bottleneck" to the aft end. They usually also cover the horizontal stabilizers, and are custom made to allow for antennae, lights, and other protrusions. They attach with straps underneath the tail boom. Covers for the vertical and horizontal stabilizers are also available separately. Specific information for each model is available on request.

| Description | Part Number | Price |
|---|---|---|
| HORIZONTAL STABILIZER COVERS (set of 2) | **204-411** | **$440.00** |
| HORIZONTAL STABILIZER COVERS, padded for maintenance (set of 2) | **204-412** | **$880.00** |
| TAILBOOM COVER, indoor storage only | **204-700** | **$895.00** |
| TAILBOOM COVER | **204-705** | **$1165.00** |

## 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. Darts and folds are incorporated into the material so that it conforms to the complex shape of the helicopter windows. 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.

| Description | Part Number | Price |
|---|---|---|
| COCKPIT HEATSHIELD SET (set of 8) | **204-900** | **$520.00** |

## Section 6: Miscellaneous Products

| Description | Part Number | Price |
|---|---|---|
| STABILIZER BAR COVERS (set of 2) | **204-310** | **$105.00** |

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

The **Bell 204 & UH-1 Huey Forward Cabin Cover** is designed to cover the front and side windows of the cockpit.

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 **Bell 204 & UH-1 Huey Forward Cabin/Nose Cover** is designed to cover the front and side windows of the cockpit, and extend forward to cover the nose. Pockets are sewn into the cover to accommodate for the pitot tubes.

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.



Forward Cabin Nose & Mid-Cabin/Engine Cover (extended to cross tubes)

| Description | Part Number | Price |
|---|---|---|

| | | |
|---|---|---|
| TRAVEL COVER, Light Weight Travel Forward Cabin Cover | **204-800** | **$650.00** |
| TRAVEL COVER, Light Weight Travel Forward Cabin/Nose Cover | **204-810** | **$805.00** |

***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.***

BRUCE'S CUSTOM COVERS

*A division of Aircraft Covers, Inc.*

18850 Adams Ct.
Morgan Hill, CA 95037
**www.AircraftCovers.com**

# 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*

**Ph: 408/738-3959 • Toll Free: 800/777-6405 • Fax: 408/738-2729 • bruce@aircraftcovers.com**