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: Boeing Vertol CH-47 Chinook

(boeing-vertol-CH47.pdf)



Boeing Vertol CH-47 Chinook Forward Cabin/Nose Cover

## Section 1: Cockpit/Bubble Covers

The **Boeing Vertol CH-47 Chinook Cockpit 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 **Cockpit Cover** is designed to cover the windshield and side windows of the cockpit. Attachment buckles are made of nonmetal *Delrin*, designed for rugged outdoor use. The windshield cover comes with a duffle bag. The Tail Number (N-number, call sign, registration number, or serial number) can be imprinted onto the cover for an extra charge. The windshield cover is trimmed to match the colors of the aircraft.

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 **Boeing Vertol CH-47 Chinook 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.



Boeing CH-47 Complete Body Cover



Spec. Op's CH-47: refuel boom, FLIR dome

| Description | Part Number | Price |
|---|---|---|
| FORWARD CABIN/NOSE COVER | **CH47-000** | **Contact Us** |
| FORWARD CABIN/NOSE COVER (special op's: extended nose, FLIR dome, etc.) | **CH47-001** | **Contact Us** |
| WINDSHIELD/COCKPIT WINDOWS COVER | **CH47-005** | **Contact Us** |
| COMPLETE FUSELAGE COVER, includes tire covers (specify tire size) | **CH47-010** | **Contact Us** |

## Section 2: Engine/Tail Rotor Covers

**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.

**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.

Bruce's **Boeing Vertol CH-47 Chinook 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 **Boeing Vertol CH-47 Chinook 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.



Boeing Vertol CH-47 Chinook Engine Exhaust Covers




CH-47 Covers

| Description | Part Number | Price |
|---|---|---|
| ENGINE NACELLE COVERS (set of 2) | **CH47-100** | **Contact Us** |
| ENGINE EXHAUST COVERS (set of 2) | **CH47-101** | **Contact Us** |
| FORWARD PYLON SIDE INLET (SPECIFY SNAP TYPE) COVERS (set of 2) | **CH47-102** | **Contact Us** |
| FORWARD PYLON TOP INLET SCREEN COVER (FWD Transmission) | **CH47-103** | **Contact Us** |
| AFT PYLON C-BOX INLET COVER | **CH47-104** | **Contact Us** |
| INSULATED ENGINE NACELLE COVERS (set of 2) | **CH47-105** | **Contact Us** |
| AFT TRANSMISSION COOLING FAN INLET/EXHAUST COVER (set of 2) | **CH47-130** | **Contact Us** |
| AFT PYLON FAN EXHAUST COVER | **CH47-150** | **Contact Us** |
| AFT PYLON HYDRAULIC COOLER EXHAUST COVER | **CH47-155** | **Contact Us** |
| ROTOR HUB COVERS, Equivalent or better than OEM P/N: 1730-CHSE-026 (set of 2) | **CH47-200** | **Contact Us** |
| BLADE COVERS (set of 6) | **CH47-300** | **Contact Us** |
| BLADE COVERS, cold weather (set of 6) | **CH47-310** | **Contact Us** |

## Section 3: Plugs & Protection

**Boeing Vertol CH-47 Chinook 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.

The **Engine Inlet Plugs** are custom fit for your Boeing Vertol CH-47 Chinook 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.



CH-47 Logger Window Plug



Boeing Vertol CH-47 Logger Window Plug

| Description | Part Number | Price |
|---|---|---|
| LOGGER WINDOW BUBBLE PLUG, need tracing | **CH47-175** | **Contact Us** |
| PITOT COVERS (set of 2) | **CH47-250** | **Contact Us** |
| PITOT COVERS, F Models (set of 3) | **CH47-255** | **Contact Us** |

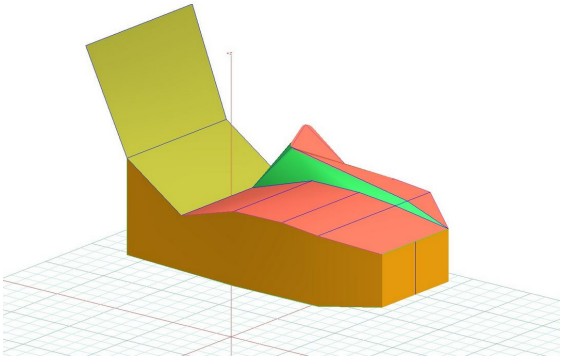
## Section 5: HeatShields & Sun Reflectors

**Cabin Heatshields** are interior sunshades for the aircraft's passenger cabin area. 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. 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.

**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 HEATSHIELDS (set of 9) | **CH47-900** | **Contact Us** |
| COCKPIT HEATSHIELDS, incl. upper chin bubble (set of 11) | **CH47-910** | **Contact Us** |
| CABIN HEATSHIELD SET (set of 10) | **CH47-915** | **Contact Us** |

## Section 6: Miscellaneous Products



CH-47 Center Console Cover, 3D Model




CH-47 Covers

| Description | Part Number | Price |
|---|---|---|
| FLIGHT CONTROL COOLING FAN INLET COVER | **CH47-110** | **Contact Us** |
| AFT TRANSMISSION COOLING FAN INLET COVER | **CH47-120** | **Contact Us** |
| FORWARD PYLON SNAP-ON INLET COVERS (set of 2) | **CH47-140** | **Contact Us** |
| C-BOX COOLING FAN COVER | **CH47-160** | **Contact Us** |
| HEATER INTAKE COVER | **CH47-165** | **Contact Us** |
| CHAFF BUCKET COVERS (left & right side) (set of 2) | **CH47-400** | **Contact Us** |
| FWD LOWER FLARE BOX COVERS (left & right side) (set of 2) | **CH47-410** | **Contact Us** |
| AFT UPPER FLARE BOX COVERS (left & right side) (set of 2) | **CH47-420** | **Contact Us** |
| AFT LOWER FLARE BOX DISPENSER (left side) | **CH47-430** | **Contact Us** |
| CENTER CONSOLE COVER | **CH47-700** | **Contact Us** |
| PILOT/CO-PILOT SEAT COVERS (set of 2) | **CH47-710** | **Contact Us** |
| CIRCUIT BREAKER PANEL COVERS (set of 2) | **CH47-720** | **Contact Us** |
| DASHBOARD/GLARE SHIELD COVER | **CH47-730** | **Contact Us** |

***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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