BRUCE'S CUSTOM COVERS
A division of Aircraft Covers, Inc.

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*manufacturer of the finest custom-made aircraft covers*

# Tech Sheet: Canadair Challenger 604, 605, 650, 850

(canadair-C604.pdf)




Challenger 601/604 Cockpit/Nose Cover, illustration

## Section 1: Canopy/Cockpit/Fuselage Covers

The **Canadair Challenger 604, 605, 650, 850 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 **Canadair Challenger 604, 605, 650, 850 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 N-number can be imprinted onto the cover for an extra charge. The windshield cover is trimmed in 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 **Canadair Challenger 604, 605, 650, 850 Cockpit/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.

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Challenger 601/604 Cockpit/Nose Cover, illustration

| Description | Part Number | Price |
|---|---|---|
| COCKPIT COVER | **C604-000** | **$1180.00** |
| COCKPIT/NOSE COVER (also covers cabin door) | **C604-001** | **$2605.00** |

## Section 2: Engine Covers

**Tri-Fold Ring Engine Covers** are designed to install easily yet be completely storable. A spring steel hoop is sewn into the hem of each cover, allowing them to be installed without climbing onto the wing or using a stepladder in many cases. To store the covers the spring steel hoop folds like a band-saw blade into three nesting rings. Each cover folds into a compact circular bundle which is stored in the included duffle bag, yet they unfold quickly for use. The Tri-Fold Ring cover is made of medium weight Solution-Dyed Polyester which is available in a variety of colors to match the paint trim. Each cover set comes complete with installation and folding instructions. The aircraft's registration number can be silkscreened onto the cover for an extra charge.

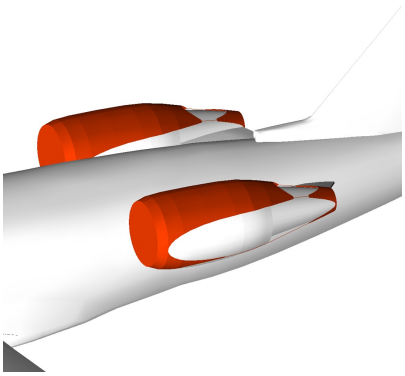
ALL-YEAR USE MATERIAL - Made with Solution dyed Polyester fabric, the all-year use material is the best option for sun protection and cover longevity. This heavier more durable material is intended for all weather conditions, such as rain and snow or lots of sun.

The **Canadair Challenger 604, 605, 650, 850 Bikini Style Engine Covers** are a single-piece design using a soft and smooth stretchy and fabric. The cover stretches tightly over both the intake and exhaust, installing quickly and easily. These covers are designed to be used as hangar dust covers and have a useful life of approximately one year.

The **Canadair Challenger 604, 605, 650, 850 Intake Covers** are designed to install easily yet be completely storable. A spring steel hoop is sewn into the hem of each cover, allowing them to be installed without climbing onto the wing or using a stepladder. To store the covers the spring steel hoop folds like a band-saw blade into three nesting rings. Each cover folds into a compact circular bundle which is stored in the included duffle bag, yet they unfold quickly for use. The Tri-Fold Ring cover is made of medium weight nylon which is available in a variety of colors to match the paint trim. Each cover set comes complete with installation and folding instructions. The aircraft's registration number can be silkscreened onto the cover for an extra charge.



Canadair Challenger 604, 605, 650, 850 Intake/Exhaust Covers (OEM Design)



Canadair Challenger 601/604 Engine Covers, 4-strap design, 3D model

| Description | Part Number | Price |
|---|---|---|
| INTAKE COVERS (set of 2) | **C604-100** | **$1080.00** |
| INTAKE/EXHAUST COVERS (OEM design, no steel hoop banding) (set of 4) | **C604-102** | **$1445.00** |
| INTAKE/EXHAUST COVERS (OEM design, with steel hoop banding) (set of 4) | **C604-103** | **$1645.00** |
| INTAKE/EXHAUST COVER SET, 4-strap style, partially covers bypass (set of 4) | **C604-111** | **$2000.00** |
| ENGINE COVERS, Hangar Use, Bikini Type (set of 2) | **C604-115** | **$1075.00** |

## Section 3: Plugs & Protection

**Canadair Challenger 604, 605, 650, 850 Heat Resistant Pitot Tube Covers**, are made of Naugahyde vinyl, and lined with a non-burning material. They are designed to cover the entire pitot assembly, slipping over the tube and tightening 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 our standard 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.

**Canadair Challenger 604, 605, 650, 850 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 Exhaust Plugs** are custom fit for your Canadair Challenger 604, 605, 650, 850 exhaust openings, 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. Exhaust 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. Exhaust plugs may be inserted soon 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.

The **Engine Inlet Plugs** are custom fit for your Canadair Challenger 604, 605, 650, 850 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.



Canadair Challenger 604, 605, 650, 850 Exhaust Plugs



Challenger 650 Pitot & Ice Detector Covers

| Description | Part Number | Price |
|---|---|---|
| INTAKE PLUGS (set of 2) | **C604-107** | **$1460.00** |
| BYPASS VENT PLUGS (set of 4) | **C604-108** | **$1145.00** |
| EXHAUST PLUGS (set of 2) | **C604-110** | **$555.00** |
| PITOT COVERS, heat resistant type (set of 2) | **C604-126** | **$345.00** |
| PITOT COVERS, heat resistant type, includes standby Pitot (set of 3) | **C604-127** | **$505.00** |
| PITOT & ICE DETECTOR COVERS, heat resistant type, includes standby Pitot (set of 5) | **C604-129** | **$730.00** |
| WINGTIP STATIC WICK PROTECTORS (set of 2) | **C604-130** | **$150.00** |
| STATIC WICK PROTECTORS (set of 10) | **C604-131** | **$335.00** |
| ICE DETECTOR COVERS (set of 2) | **C604-135** | **$150.00** |
| TAT PROBE COVERS (set of 2) | **C604-140** | **$245.00** |

## 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. Our Heatshields for jets are offered white side out because some aircraft manufacturers have issued advisories against reflective window inserts due to potential heat damage. 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. The set folds up flat and is easily stored in the included storage sleeve. Some designs may require velcro and suction cups. Our Heatshields for jets are offered white side out because some aircraft manufacturers have issued advisories against reflective window inserts due to potential heat damage. A Heatshield is an excellent short-term remedy for cockpit overheating, but an external fabric cover is more effective for long-term protection.



Challenger 604 Cockpit Heatshields (set of 4)



Challenger 604 Cockpit HeatShields

| Description | Part Number | Price |
|---|---|---|
| COCKPIT HEATSHIELDS (set of 4) | **C604-901** | **$365.00** |
| CABIN HEATSHIELD SET (set of 15) | **C604-905** | **$725.00** |

## Section 6: Miscellaneous Products



Canadair Challenger 605 Main Gear Tire Covers



Canadair Challenger 605 Nose Gear Tire Cover

| Description | Part Number | Price |
|---|---|---|
| NOSE GEAR TIRE COVERS, 605 model (specify tire size) | **C604-450** | **$440.00** |
| MAIN GEAR TIRE COVERS, 605 model (specify tire size) (set of 2) | **C604-455** | **$850.00** |

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

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The **Canadair Challenger 604, 605, 650, 850 Lightweight Travel Cockpit Cover** will cover the same area as our standard Canopy Cover, but the material used is very lightwieight and will fold up and store in a much smaller space. This cover is ideal for the airplane that is hangered full time and only needs a cover on rare occasions.

Travel Covers are made with Silver Solution-Dyed Polyester fabric and only lined over the windshield to save weight. 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.




Challenger 601/604 Cockpit/Nose Cover, illustration

| Description | Part Number | Price |
|---|---|---|
| TRAVEL COVER, Light Weight Travel Cockpit Cover | **C604-800** | **$945.00** |
| TRAVEL COVER, Light Weight Travel Cockpit/Nose Cover (also covers cabin door) | **C604-805** | **$2085.00** |

***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*

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