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

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*manufacturer of the finest custom-made aircraft covers*

# Tech Sheet: Airbus A319

(airbus-A319.pdf)




Airbus A319 Intake/Exhaust Covers set, IAE V2500

## Section 2: Engine Covers

**Off-Link Engine Covers** protect commercial aircraft engines while in storage. They protect the engine from the elements, prevent surface contamination from oil leaks, and help stop "parts robbing". There are three types: Complete, partial and component covers.

**Complete covers** enclose the entire engine. There are openings for mount points and engine access. Closures are heavy duty zippers, secured or tightened with straps and industrial buckles. High visibility reflective strips are sewn around the perimeter to enhance safety, and to prevent collisions from moving vehicles. Directional indicators, company insignia, and a forms pouch are sewn onto each cover. Where needed strap loops are placed at hoist points for easy and fast installation. Locking mechanisms can be installed on the cover to help prevent unauthorized access.

**Partial covers** are designed as "Rain Caps", which cover the top and sides but do not prevent oil contamination from the engine to the surface below. Their construction details are similar to the complete cover designs, but they can be easier to install.

**Component Covers**, such as intake or exhaust covers, are designed according to customers' specifications. A wide variety of materials and attachment details are available, as well as custom imprinting.

**FABRIC & THREAD:** For strength, durability and ease of use we make these covers of the heaviest nylon ballistic cloth. It is sewn in multiple courses with *Tenara* thread, and reinforced with heavy vinyl cloth at high-wear points.

**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.




QEC OFF-LINK JET ENGINE COVER, V2500 Series, fully enclosed




Airbus A319 Intake/Exhaust Covers set, IAE V2500

| Description | Part Number | Price |
|---|---|---|
| INTAKE COVERS, CFM56-5B engine (set of 2) | **A319-100** | **$4265.00** |
| INTAKE COVERS, IAE V2500 engine (set of 2) | **A319-105** | **$4265.00** |
| INTAKE/EXHAUST COVERS, IAE V2500 engine (connect to each other w/ adjustable length straps) (set of 4) | **A319-106** | **$8855.00** |
| INTAKE COVERS, Neo LEAP-1A Engine (set of 2) | **A319-107** | **$4265.00** |
| QEC OFF-LINK ENGINE SHIPPER/TRANSPORT, LONG-TERM STORAGE COVER "BAG" or "ENVELOPE", V2500 Series (Airbus 319, 320), fully enclosed, no C&A exhaust nozzle | **A319-700** | **$3935.00** |
| QEC OFF-LINK ENGINE SHIPPER/TRANSPORT, LONG-TERM STORAGE COVER "BAG" or "ENVELOPE", V2500 Series (Airbus 319, 320), fully enclosed, w/ C&A Exhaust Nozzle | **A319-705** | **$4320.00** |
| QEC OFF-LINK ENGINE LONG-TERM STORAGE "Rain Cap" Style COVER, V2500 Series (Airbus 319, 320), "rain cap" | **A319-710** | **$3180.00** |

## Section 3: Plugs & Protection

**Airbus A319 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.

The **Engine Exhaust Plugs** are custom fit for your Airbus A319 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.




Airbus A319 Pitot & Tat Covers, Heat Resistant Type



Airbus A320 Exhaust & Bypass Vent Plugs

| Description | Part Number | Price |
|---|---|---|
| PITOT COVERS heat resistant type, OEM P/N: 98A10001005000 (set of 3) | **A319-120** | **$505.00** |
| PITOT & TAT COVERS, heat resistant type (set of 5) | **A319-125** | **$610.00** |
| BYPASS & EXHAUST PLUGS, CFM-56 Engines (set of 6) | **A319-200** | **$4265.00** |
| EXHAUST NOZZLE PLUG, IAE V2500 engine, equivalent to IAE P/N: IAE1N20008 (each) | **A319-205** | **$1365.00** |
| INTAKE PLUGS, CFM-56 Engines (set of 2) | **A319-210** | **$4695.00** |

## Section 4: Wing/Tail/Empennage Covers

**Horizontal Stabilizer Covers** are a perfect solution to protect your paint from sun damage and prevent frost, snow, ice buildup, and corrosion. They are made from Solution-Dyed Polyester or Acrylic *Sunbrella*. They cover the entire upper surface of the stabilizers and overlap around the leading and trailing edges as well as the wing tip. The covers secure under each stabilizer with adjustable straps. In some instances, cut-outs are made in the trailing edge of the wing covers to accommodate static wicks. Horizontal Stabilizer Covers are available for winter use or long-term all year use, and are normally made from Solution-Dyed Polyester or Acrylic *Sunbrella*. A Hail Protection version can be made which incorporates dense closed cell foam into the entire upper surface of the wing covers to help prevent hail damage. Although these covers are bulky, they do help protect your wing and control surfaces against small to medium-size hail.

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.

The **Airbus A319 Wing Covers** are a perfect solution to protect your paint from sun damage and prevent winter frost, snow, ice buildup, and corrosion. They are made from Solution-Dyed Polyester or Acrylic *Sunbrella* and form-fit to slip around each wing tip, cover the entire upper surface of the wing and wrap around the leading and trailing edges. The covers secure under the wing with adjustable straps from the trailing edge to the leading edge. The wing covers can also attach to each other with adjustable straps at the leading and trailing edges of the wing under the belly of the plane. In some instances, cut-outs are made in the trailing edge of the wing covers to accommodate static wicks. We have the ability to also accommodate wing tip modifications, such as STOL kits, droop tips, and vortex generators. Wing covers are labeled LEFT and RIGHT for your convenience. Wing Covers are available for winter use or long-term, all-year use. A Hail Protection version can be made which incorporates very dense closed cell foam into the entire upper surface of the wing covers to help prevent hail damage. Although these covers are bulky, they do help protect your wing and control surfaces against small to medium-size hail.

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.

| Description | Part Number | Price |
|---|---|---|
| WING COVERS (set of 2) | **A319-400** | **$8020.00** |
| HORIZONTAL STABILIZER COVERS (set of 2) | **A319-500** | **$1810.00** |

## 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. 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.

| Description | Part Number | Price |
|---|---|---|
| COCKPIT HEATSHIELDS (set of 6) | **A319-900** | **$545.00** |

***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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