

## Tech Sheet: Cessna 336 (Fixed Gear Skymaster)

(cessna-336.pdf)



Cessna 337 Skymaster Canopy Cover w/ 14" bib ext., goes back to rear engine inlet and hooks to t.e.

### Section 1: Canopy/Cockpit/Fuselage Covers

**Canopy Covers** help reduce damage to your airplane's upholstery and avionics caused by excessive heat, and they 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 **Cessna 336 (Fixed Gear Skymaster) Canopy Cover** is custom designed and fit for each model as well as your aircraft's specific antenna and possible temperature probe placements. The Canopy Cover is designed to enclose the windshield, side and rear window area. The Canopy Cover is a one-piece design, which wraps around the canopy and closes with Velcro behind the pilot's side door. The Velcro closure allows entry to the airplane without removing the entire cover. The Canopy Cover also attaches by two belly straps, one under the engine cowling and one under the tailboom. Belly straps are adjustable and detachable from either side using heavy-duty quick release plastic buckles. The buckles are padded to prevent scratching. To ensure the most secure fit, high-quality shock cord is enclosed in the hem of the cover to help keep the cover tighter against the airplane. Canopy Covers are commonly referred to as Cabin Covers, Fuselage Covers, Canvas Covers, etc.

Each Canopy Cover is custom sewn and the corners are trimmed to match the colors of the airplane. The airplane's registration number can be imprinted onto both sides of the cover for an additional charge. A duffle bag is included with all Canopy Covers.

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.

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The **Cessna 336 (Fixed Gear Skymaster) Canopy Cover** is custom-designed for each model, as well as your aircraft's specific antenna and temperature probe placements, if applicable. The Canopy Cover is designed to enclose the windshield, side windows and canopy roof. The Canopy Cover attaches using adjustable "belly straps", which run under the belly and connect to the other side of the cover with a quick-release plastic buckle. When requested, it is also sometimes possible to design Canopy covers that can attach to the aircraft fuselage using pop-riveted snap-heads at the rear and snap-head screws on the engine cowl.

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Canopy Covers are commonly referred to as Cabin Covers, Fuselage Covers, Canvas Covers, Canopy Caps, etc.

The **Windshield Cover** protects the windshield and is attached with straps to key locations. Details vary for different aircraft.

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Cessna 337 Skymaster Canopy Cover w/ 14" bib ext.



Cessna 337 Skymaster Canopy Cover w/ 14" bib ext.

Description	Part Number	Price
CANOPY COVER, wrap around	<b>336-000</b>	<b>\$530.00</b>
CANOPY COVER with 14" bib ext.	<b>336-005</b>	<b>\$600.00</b>
WINDSHIELD COVER	<b>336-010</b>	<b>\$305.00</b>

## Section 2: Engine/Prop Covers

The **Cessna 336 (Fixed Gear Skymaster) Propeller Cover** is a one-piece design that form fits to the blades and spinner. The prop cover slips over the blades and spinner and is attached by a plastic all-weather zipper on the bottom of the blades. Propeller covers can be made for multiple numbers of blades, and for wooden, composite or metal props. The Propeller Cover is normally made from



Acrylic *Sunbrella* or Solution-Dyed Polyester and is lined 100% with a soft and smooth microfiber. **Insulated Propeller Covers** works well in cold climates to help with engine preheating. These insulated versions are made with a thicker, quilted, water-repellent, and breathable material.

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Description	Part Number	Price
PROPELLOR/SPINNER COVERS, 2 blade (set of 2)	<b>336-300</b>	<b>\$405.00</b>
INSULATED PROPELLOR/SPINNER COVERS, 2 blade (set of 2)	<b>336-305</b>	<b>\$500.00</b>

**Section 3: Plugs & Protection**

**Engine Inlet Plugs** are custom fit for your Cessna 336 (Fixed Gear Skymaster) 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 warning flags that are visible from the cockpit or '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.**



ENGINE PLUGS PREVENT BIRD NEST FOD. Piper Saratoga Engine Cowling Bird's Nest



Cessna 337 Skymaster Aft Engine Inlet Cover, hoop type, & outlet plugs (SOLD SEPARATELY)

Description	Part Number	Price
FORWARD ENGINE INLET PLUGS (set of 2)	<b>336-100</b>	<b>\$190.00</b>
REAR ENGINE INLET PLUGS (set of 3)	<b>336-110</b>	<b>\$205.00</b>
REAR ENGINE SPINNER BASE PLUGS (set of 2)	<b>336-111</b>	<b>\$190.00</b>

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

The **Lightweight Travel Canopy Cover** will cover the same area as our standard Canopy Cover, but the material used is very lightweight and will fold up and store in a much smaller space. This cover is ideal for the airplane that is stored in a hangar 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.

The **Windshield Cover** protects the windshield and is attached with straps to key locations. Details vary for different aircraft.

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Cessna Skymaster Canopy Cover with Forward Extension



Cessna Skymaster Canopy Cover with Forward Extension, Fwd. Engine Plugs, Aft Engine Cover

Description	Part Number	Price
TRAVEL COVER, Light Weight Canopy Cover	<b>336-800</b>	<b>\$425.00</b>
TRAVEL COVER, Light Weight Canopy Cover W/14" BIB EXTENSION	<b>336-810</b>	<b>\$480.00</b>
TRAVEL COVER, Light Weight Travel Windshield Cover	<b>336-820</b>	<b>\$320.00</b>

**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.**

**Instructions:** Measure to the nearest 1/8" and only fill in what applies. You may email, fax or phone in the measurements.

Aircraft Reg / Tail Number: \_\_\_\_\_ Aircraft Type: \_\_\_\_\_ Year: \_\_\_\_\_

Name: \_\_\_\_\_ Phone & Email: \_\_\_\_\_

### OAT Placement

<b>A</b>	From top of windshield						
<b>B</b>	Offset from centerline						
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Left</td> <td style="width: 34%; text-align: center;">Center</td> <td style="width: 33%; text-align: center;">Right</td> </tr> <tr> <td style="text-align: center;"><small>(pilot)</small></td> <td></td> <td style="text-align: center;"><small>(co-pilot)</small></td> </tr> </table>	Left	Center	Right	<small>(pilot)</small>		<small>(co-pilot)</small>
Left	Center	Right					
<small>(pilot)</small>		<small>(co-pilot)</small>					
<b>C</b>	Height						
<b>D</b>	From FWD edge						
<b>E</b>	From lower edge						
<b>F</b>	From forward corner						
<b>G</b>	Distance forward						



Antenna Placements	Example <small>(inches or metric)</small>	Antenna #1			Antenna #2			Antenna #3			Antenna #4																								
<b>H</b> Distance from top center windshield to front of Antenna	<b>34 5/8"</b>																																		
<b>J</b> Length/Width of Antenna base	<b>5 1/2" x 3 1/4"</b>																																		
<b>K</b> Offset from Centerline	<b>9 1/2"</b>																																		
Antenna Offset (mark one)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Left</td> <td style="width: 34%; text-align: center;">Center</td> <td style="width: 33%; text-align: center;">Right</td> </tr> <tr> <td style="text-align: center;"><small>(pilot)</small></td> <td style="text-align: center;"><b>X</b></td> <td style="text-align: center;"><small>(co-pilot)</small></td> </tr> </table>	Left	Center	Right	<small>(pilot)</small>	<b>X</b>	<small>(co-pilot)</small>	<table style="width: 33%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Left</td> <td style="width: 34%; text-align: center;">Center</td> <td style="width: 33%; text-align: center;">Right</td> </tr> <tr> <td style="text-align: center;"><small>(pilot)</small></td> <td></td> <td style="text-align: center;"><small>(co-pilot)</small></td> </tr> </table>	Left	Center	Right	<small>(pilot)</small>		<small>(co-pilot)</small>	<table style="width: 33%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Left</td> <td style="width: 34%; text-align: center;">Center</td> <td style="width: 33%; text-align: center;">Right</td> </tr> <tr> <td style="text-align: center;"><small>(pilot)</small></td> <td></td> <td style="text-align: center;"><small>(co-pilot)</small></td> </tr> </table>	Left	Center	Right	<small>(pilot)</small>		<small>(co-pilot)</small>	<table style="width: 33%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Left</td> <td style="width: 34%; text-align: center;">Center</td> <td style="width: 33%; text-align: center;">Right</td> </tr> <tr> <td style="text-align: center;"><small>(pilot)</small></td> <td></td> <td style="text-align: center;"><small>(co-pilot)</small></td> </tr> </table>	Left	Center	Right	<small>(pilot)</small>		<small>(co-pilot)</small>	<table style="width: 33%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Left</td> <td style="width: 34%; text-align: center;">Center</td> <td style="width: 33%; text-align: center;">Right</td> </tr> <tr> <td style="text-align: center;"><small>(pilot)</small></td> <td></td> <td style="text-align: center;"><small>(co-pilot)</small></td> </tr> </table>	Left	Center	Right	<small>(pilot)</small>		<small>(co-pilot)</small>
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<b>L</b> Slope length of Antenna (types 1-3 only)	<b>18"</b>																																		
<b>M</b> Antenna Type (see types below)	<b>1</b>																																		





**Instructions:** Measure to the nearest 1/8" and only fill in what applies. You may email, fax or phone in the measurements.

Aircraft Reg / Tail Number: \_\_\_\_\_ Aircraft Type: \_\_\_\_\_ Year: \_\_\_\_\_  
 Name: \_\_\_\_\_ Phone & Email: \_\_\_\_\_

**Propellor Measurements**

Please check one:	2 - Blade	3 - Blade	4 - Blade
<b>A</b> Measure along surface of cone			
<b>B</b> Measure "straight line" base to tip			
<b>C</b> Base to top of blade root opening			
<b>D</b> Provide diameter or circumference			
<b>E</b> Provide diameter or circumference			
<b>F</b> Blade root to prop tip			
<b>G</b> Trailing edge to leading edge			
<b>H</b> Trailing edge to leading edge			
<b>J</b> Trailing edge to leading edge			

