

# Cessna 172 Body Fairings

## APPLICABLE MODELS

Cessna 172 Models  
172N, 172P, 172Q.

### ***KNOTS 2U, LTD.***

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Rev #	Date	Effect
A	5-4-01	Re-write. Changed part numbers. Added maintenance manual.

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## Section 1.0      Body Fairing Installation

### 1.1 Installing Forward Body Fairing P/N 07717-51

Hold forward body fairing P/N 07717-61 in place allowing 1/64" clearance around nose strut piston. The center forward mounting dimple in fairing should be aligned with the bottom center of air cleaner. *(Check inside of cowling to confirm clearance in locations to be drilled, cowling may be removed to accomplish this if necessary)* Temporarily tape fairing in place on cowl. Hold aft body fairing in place and confirm proper alignment of the two fairings, adjust if necessary. Drill #27 holes at dimpled locations, cleco as you go. Countersink all holes in fairing and rivet using CR3242-4-3 Cherry rivets. (23 req.) Additional rivets may be used if necessary to aid in proper fit to cowling. Observe all edge distances and spacing if additional rivets are used.

### 1.2 Installing Aft Body Fairing P/N 07717-53

(Before drilling holes in fuselage, check areas for interference!) Drill 7 #40 holes in body fairing at locations that will not interfere with any structure, lines, wiring etc. and cleco fairing in place. Remove fairing and enlarge holes in fuselage to a #12 hole size. Enlarge holes in fairing to a #20 hole size. Install (7) P/N A8K-75 rivnuts in fuselage and install fairing using (7) AN526C-832-R10 screws. If an existing hole can be used from removed P/N 0713335-1 you may use it. Drill a #30 drain hole at the lowest point in the bottom of the aft body fairing.



### 1.3 Parts List

<u>Qty.</u>	<u>Part No.</u>	<u>Description</u>
1	07717-51	Forward Body Fairing
1	07717-53	Aft Body Fairing
23	CR3242-4-3	C/S Cherry Rivet
7	A8K-75	Keyed Rivnut
7	AN526C-832-R10	Stainless Screw

### 1.4 Paperwork And Logbook Entry

Perform paperwork (337 and logbook entry). Place KNOTS 2U Maintenance Manual and Supplemental Type Certificate with logbooks. Place copy of this manual with STC and Maintenance manual with aircraft logs.

Weight and Balance change = 1.90 lbs.

Arm = Per appropriate Cessna manual

## Section 2.0      Maintenance Manual – Instructions for Continued Airworthiness.

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## Cessna 172 Models

# Body Fairing Kit

1. Before each flight, inspect the fairings for loose screws or rivets and proper fit.
2. Upon each annual or 100 hour inspection, inspect the fairings for proper fit, loose screws / rivets, cracks, or separated plies of fiberglass.
3. If any of the above discrepancies are found; replace hardware or repair fiberglass using proper techniques and procedures as outlined in AC 43.13-1B & 2A.