



"Serving to Serve Again"



Exhaust Pipe Fairing

The large, black, round exhaust pipe extending below the engine cowling about three or four inches can easily be hidden. Around this exhaust pipe the cowling has a large opening thru which the exhaust pipe extends. Due to the location of this large opening, in the forward area of the cowling, ram air passes into the lower portion of the engine compartment. This ram air pressurizes, to a small extent, the lower portion of the cowling thus, preventing the maximum amount of cooling air from passing thru the cowling for engine cooling. By placing a fairing around the exhaust pipe, the exhaust pipe is virtually hidden and the large opening around the exhaust pipe is covered.



Intake Air Fairing

Another area of the single engine Cessna needing attention is the area around the intake air filter. The early models of Cessna 182's and all models of Cessna 180's and 185's have a large gap between the air filter and the engine cowling. A fairing around this area serves to no purpose except greatly improving the appearance.



Nose Gear Fairing

The steering mechanism of the nose gear of a Cessna 182 is an area that needs a cover. The nose gear must be free to extend in flight and compress upon landing. The steering mechanism of the nose gear is mounted below the lower engine cowl. It is not necessary for this entire mechanism to be exposed. To improve the appearance of the nose area and nose gear of the Cessna 182, a fairing can be placed on the bottom of the engine cowling which will hide the upper portion of the nose gear steering mechanism. Another fairing can be added just behind the nose gear to aid in streamlining the front fairing.

Each of these two fairings must have adequate opening to allow the nose gear to completely compress in the event of a "flat strut", and enough clearance to allow for nose gear steering.