

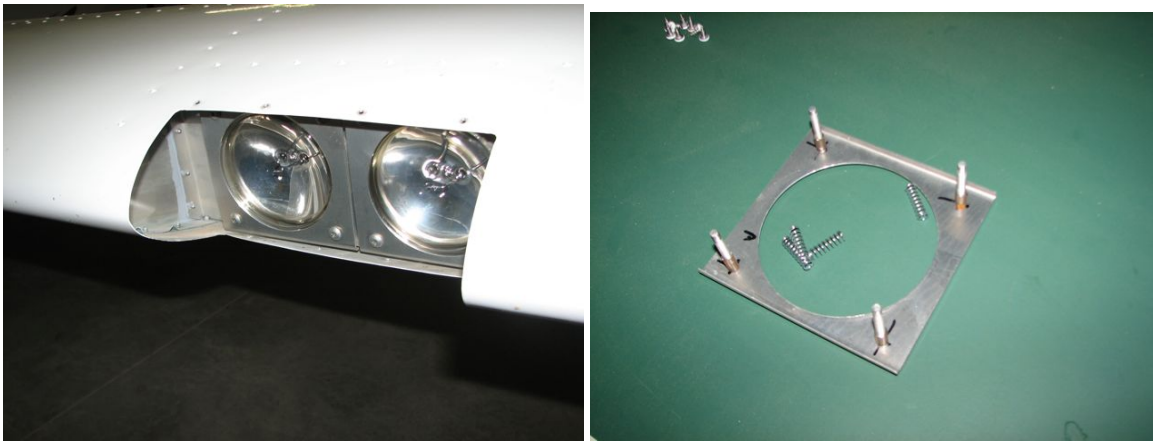
Retrofitting a Duckworks HID landing light in a Zodiac CH601XL

Introduction

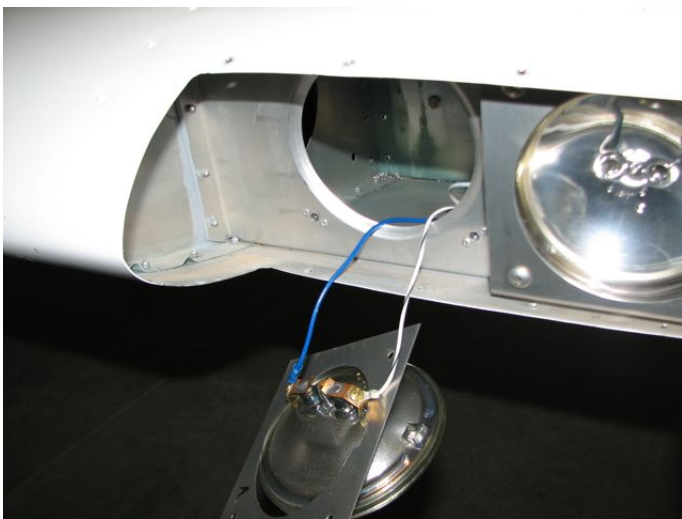
This document describes how to replace a standard Zenith landing light (100W Incandescent lamp) with a Duckworks HID light and reflector from <http://www.duckworksav.com/>.

Directions

Remove the landing light lens from the wing leading edge, and unscrew and remove the frame around the landing light. Take care not to loose the springs!



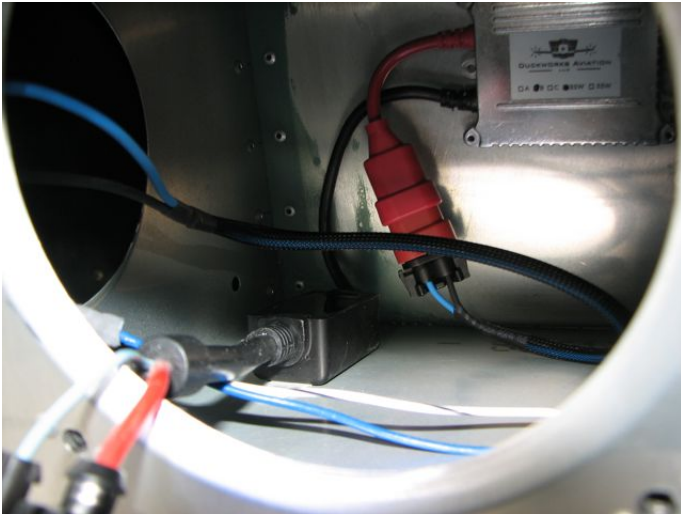
Now remove the landing light.



Remove the connections from the old light.

Connect the landing light wires to the HID module. You can stick it to the wing spar extension with a double sided pad.

The smaller black module can be bonded to the bottom wing skin in a similar way.



Finally, put the HID bulb in the reflector and put it in the leading edge. Screw the frame/springs back in and adjust the light beam. Now fit the leading edge lens back into place.



This comparison shows an incandescent 100W taxi light vs the HID 35W landing light.



<http://www.duckworksav.com/>