

## Wing Installation

Installing the wings requires enough space to put both wings on at once. The prototype wings were mated to the fuselage after the engine installation and cowling were complete as part of the final assembly before paint. Suit yourself, timing really isn't important.

To begin, make the four wing center splice plates and eight shear fittings. Transfer the fuselage station 53.0 marking to the outside surface of the fuselage side panel. Mark the wing chordline on the outside as well, (W.L. 6.0 or six inches up from the bottom outside contour). Measure four inches forward and mark another vertical line at F.S. 49.0. Lay out the spar hole outline as shown below and check your spar to confirm the dimensions given or modify them to custom fit your wing. Remember that the aft face of the spar (not the shear lug lay up) is the baseline for all measurements (including approved flight envelope for center of gravity).

