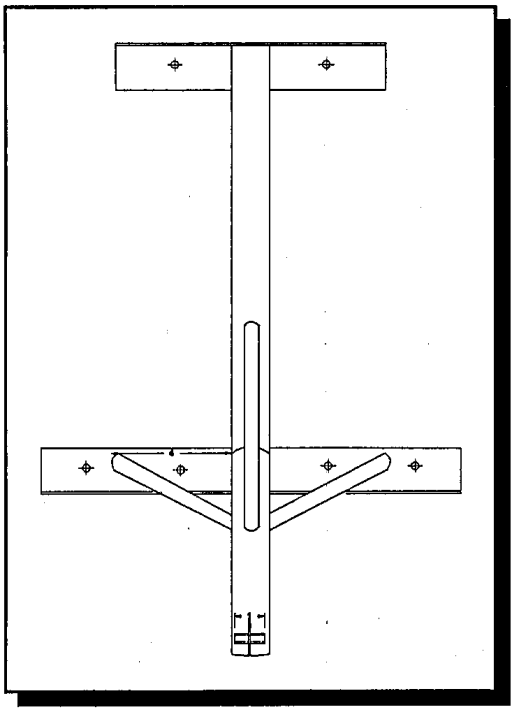
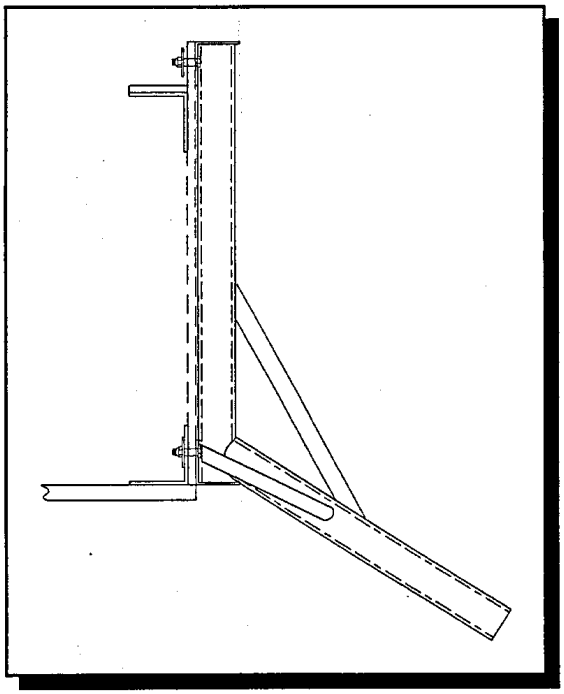
The upper gear assembly is located on the firewall such that the vertical surfaces of the two angle steel supports are lined up with the vertical portion of the carbon on the lower reinforcement and the upper vertical (above the plywood) portion of the carbon at the upper engine mount location. The part should be held on with 4 bolts (AN-4) on the lower steel angle which should be about an inch and a half away from either side of the supporting tubes where they weld onto the angles. The upper angle should bolt on with 2 bolts (AN-4) located about 2" to either side of the main vertical tube on the vertical wall of the angle.

The bolts should go through the firewall and the carbon and be held in place with locking nuts and AN-900 wide washers.



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The support should be tightened on and care used to be sure it is centered, vertical, and aligned fore and aft.

In addition to the weldments shown on the enclosed drawings there will be several items needed to complete the installation of the nose gear unit. These items are;

1 piece of 6150 round bar measuring 26" and heat treated to 42- 44 Rockwell "C" (this item can be supplied by most major steel supply houses. I got the pieces for the prototype from Jorgensen Steel in Los Angeles California and will be happy to order others from there but it is a readily available spring steel.)

2 aluminum bronze bushings for the lower gear cage, These are turned to fit the inside of the vertical tube on the lower gear cage and should fit tightly both inside and on the ¾ " diameter spindle. Wicks aircraft has a part no NAS77A-12-35 that appears to be a good match for very little cost. If these don't fit tightly and you don't have a machinist who can do it for you then contact us and we will source them for you.

4- 6 cupped "Belleville" washers with 3/4" inside diameters. These are not expensive and can be found at www.MSCdirect but they usually need to be purchased in lots of 50. I will sell them at 6 for $10.00 if you wish and save you some money on pieces you don't need.

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