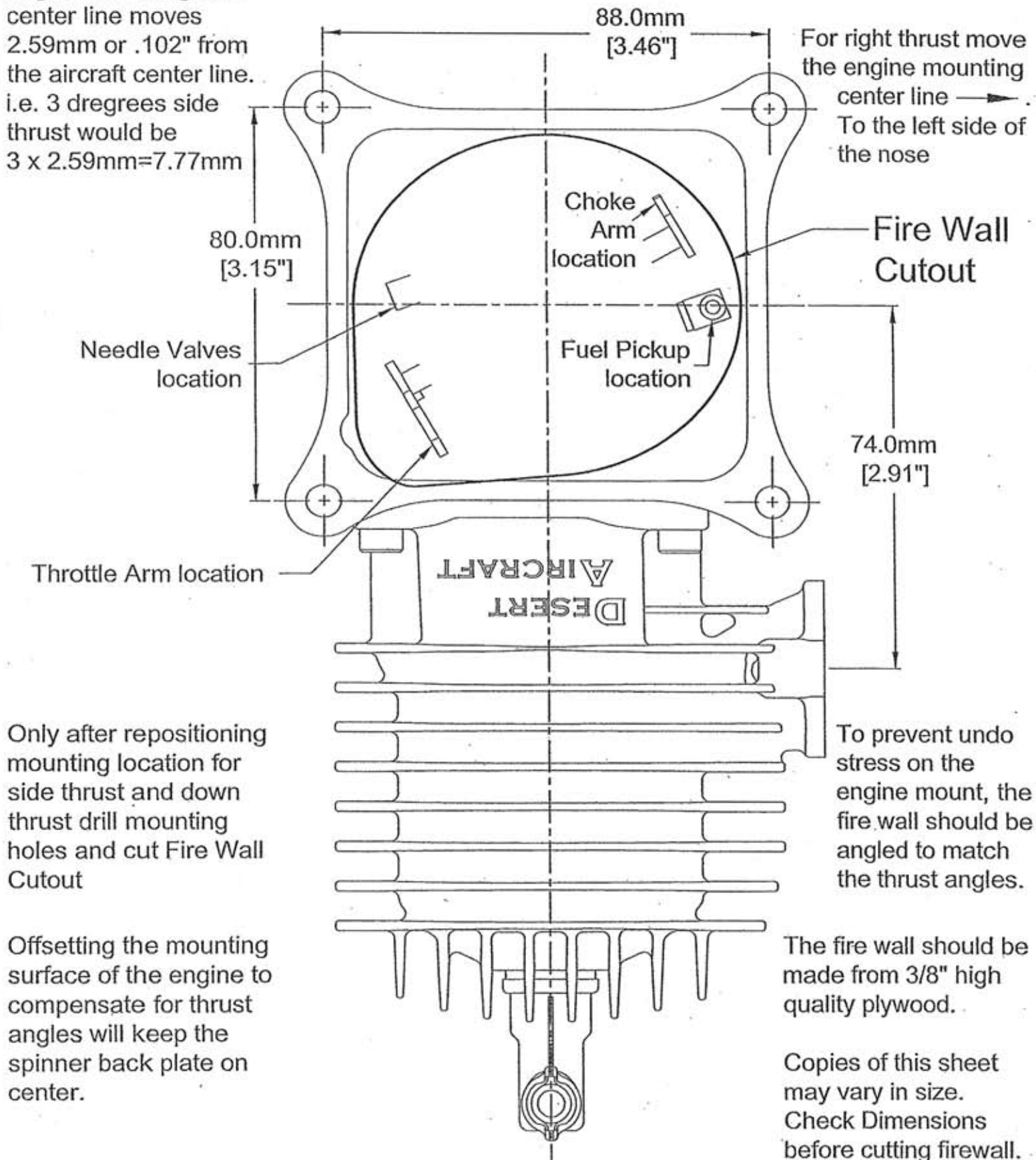


# DA85 FRONT VIEW FIRE WALL TEMPLATE

For each degree of side or down thrust the engine mounting face center line moves 2.59mm or .102" from the aircraft center line. i.e. 3 degrees side thrust would be  $3 \times 2.59\text{mm} = 7.77\text{mm}$

For down thrust move the engine mounting center line up. Towards the top of the nose

For right thrust move the engine mounting center line To the left side of the nose



Only after repositioning mounting location for side thrust and down thrust drill mounting holes and cut Fire Wall Cutout

Offsetting the mounting surface of the engine to compensate for thrust angles will keep the spinner back plate on center.

To prevent undo stress on the engine mount, the fire wall should be angled to match the thrust angles.

The fire wall should be made from 3/8" high quality plywood.

Copies of this sheet may vary in size. Check Dimensions before cutting firewall.