Web: http://www.rotecengines.com

Mounting Frame For: Hatz Classic
Engine type: Rotec R3600
Owner: Kurtis Arnold
Pages in this document: 4 including this one

THIS IS A FRAME DESIGNED FOR A SPECIFIC CLIENT AND FOR HIS/HER SPECIFIC PLANE.

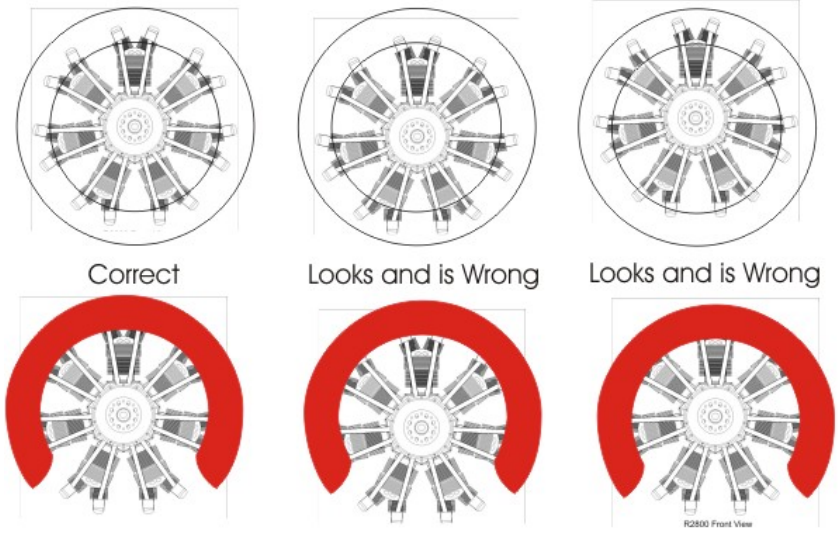
If your project is the same plane please make sure that the mount points as measured against your firewall match the points in this example. Likewise check the thrust-line position.

Rotec Provide a design service for engine mounting frames. It is important that you check carefully the mount points and trust-line are the same as for your project.

The basic Information you need to supply for a design:

1. The plane you are building and if a kit supply the manufacturer of the kit
2. Measuring against the firewall the distance between each mount point
3. Is the firewall perpendicular to the ground when the plane is in a level position?
4. If it's not what's angle is the firewall?
5. Please supply a drawing of the firewall – a sketch will suffice. Please include the mount points and trust-line. Dimensions can be inches or mm.
6. Please indicate if the plane will be cowled or exposed or…

From the above Rotec will design a mount for you either for to build the frame or have the frame built by Rotec at a cost.



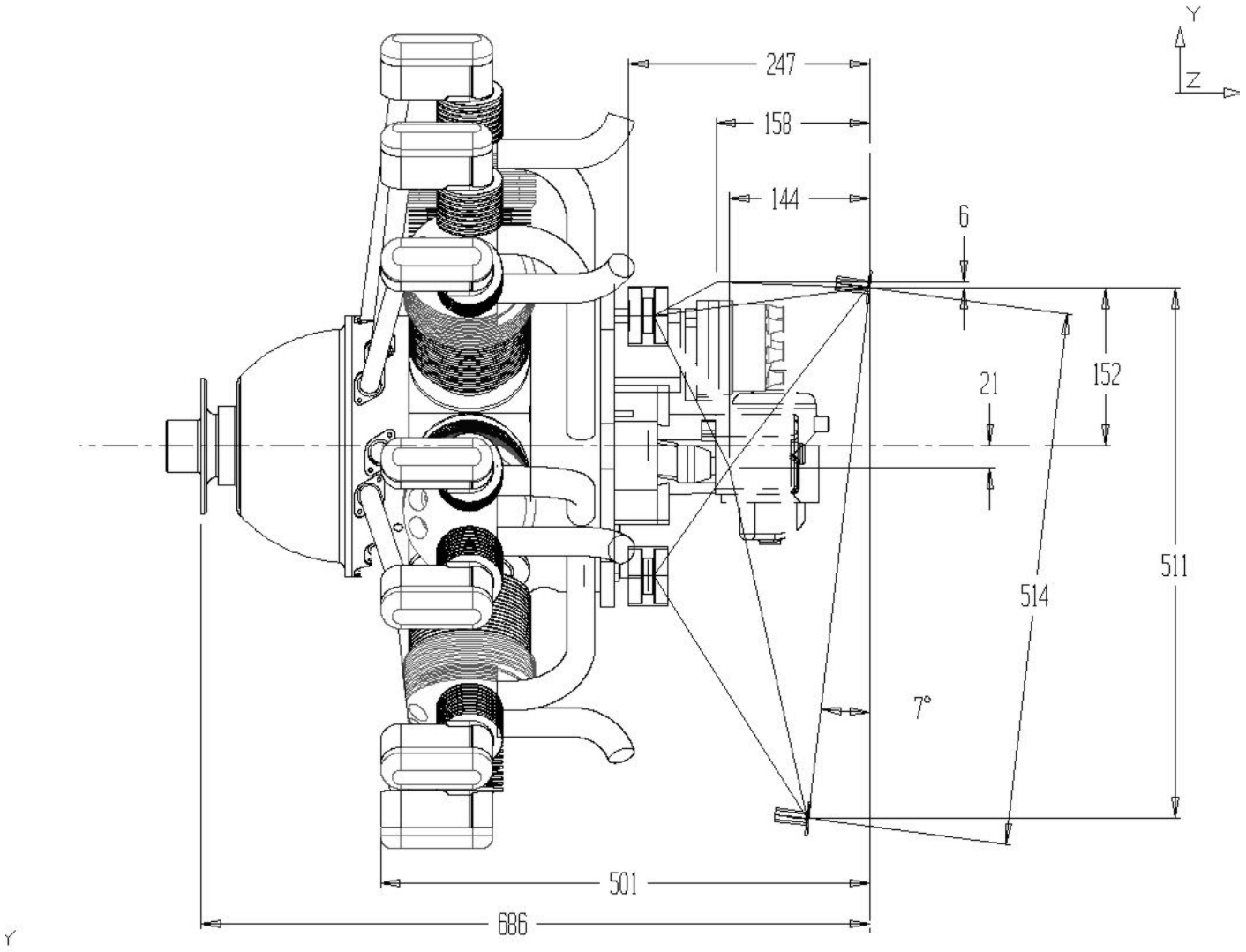
For the thrust-line: It may depend on whether the engine is cowled or exposed. If cowled – the thrust- line will be the centre of the cowl (see diagram):

If exposed consider the aesthetics. Make a disk to represent the diameter of the engine. Position the disk in manner that you and onlookers agree is aesthetically most pleasing.

Generally this would involve the top most cylinders sitting somewhat higher than the topmost line defining the fuselage…

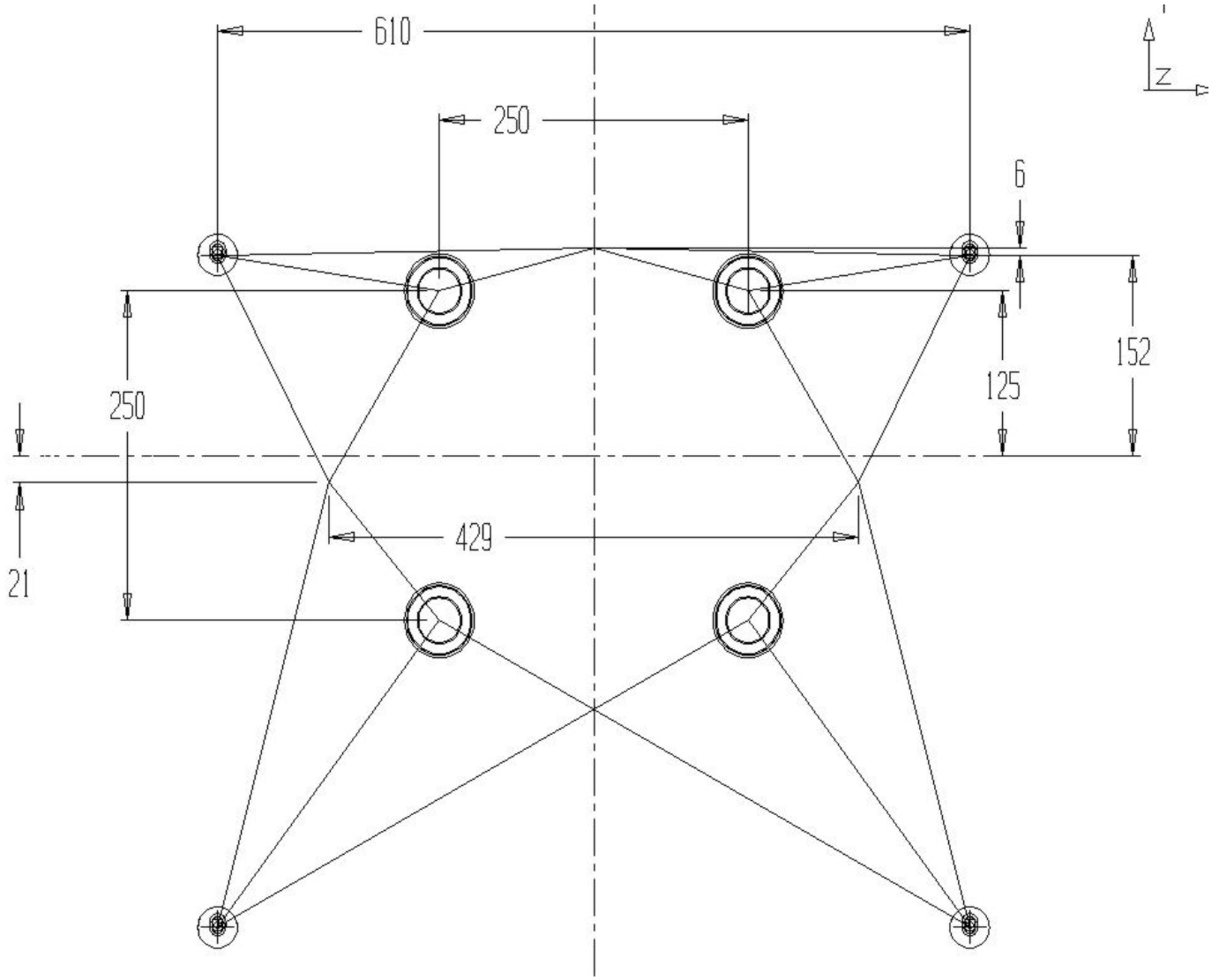
Rotec will further advise if the position of the thrust line needs to be revised…

Side View:



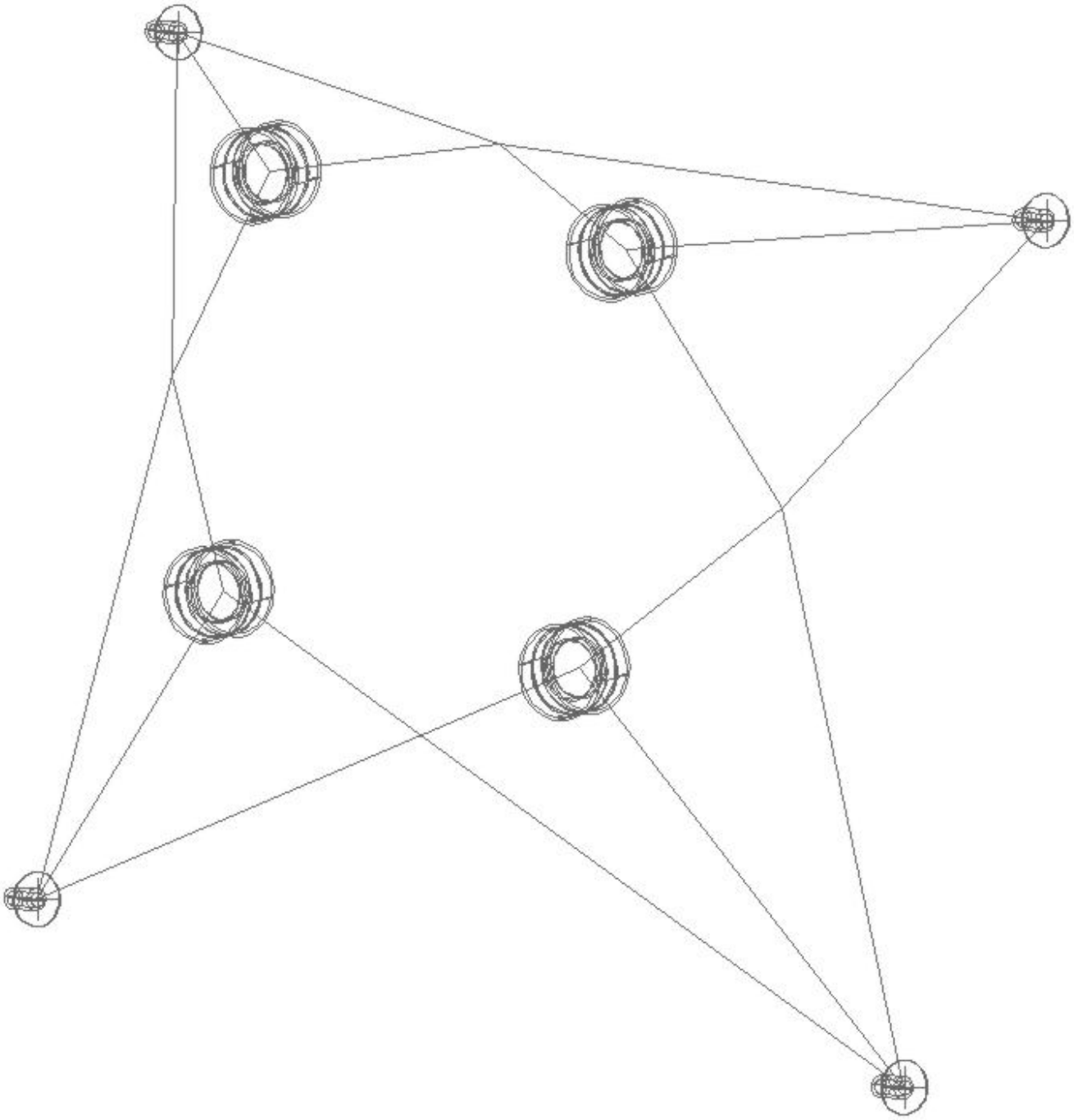
Dimensions in mm – divide by 2.54 to convert to inches.

Front View:



Dimensions in mm – divide by 2.54 to convert to inches.

Isometric View:



Dimensions in mm – divide by 2.54to convert to inches.