## **FORMULAS**

## To Find Mils of Displacement:

Oz. In. Meter Reading ÷ ½ Rotor Weight (if two plane)

= Oz. In. Per Lbs ÷ 16 X 1000

= Mils of Displacement

Mils ÷ 1,000 X 16 X ½ Rotor Weight = Oz. In.

## To Find Velocity:

Mils X 6.28 X [RPM ÷ 60] = Mils/Sec ÷ 1000 = In/Sec

## To Find acceleration:

Mils X [6.28 X [RPM  $\div$  60]]<sup>2</sup> = Mils/Sec<sup>2</sup>  $\div$  1000 = In/Sec<sup>2</sup>