

UNITS CONVERSION

Length

$$\text{Feet} = \text{Meters} \times 3.28$$

$$\text{Meters} = \text{Feet} \times 0.305$$

$$\text{Miles} = \text{Kilometers} \times 0.621$$

$$\text{Kilometers} = \text{Miles} \times 1.609$$

$$\text{Miles} = \text{Nautical miles} \times 1.15$$

$$\text{Nautical Miles} = \text{Miles} \times 0.869$$

$$\text{Kilometers} = \text{Nautical miles} \times 1.852$$

Speed

$$\text{Miles per hour (mph)} = \text{Meters per second} \times 2.24$$

$$\text{Meters per second} = \text{mph} \times 0.447$$

$$\text{mph} = \text{Knots} \times 1.15$$

$$\text{Knots} = \text{mph} \times 0.869$$

$$\text{Knots} = \text{Meters per second} \times 1.94$$

$$\text{Meters per second} = \text{Knots} \times 0.514$$

$$\text{Kilometers per hour} = \text{Meters per second} \times 3.6$$

Area

$$\text{Square feet} = \text{Square meters} \times 10.76$$

$$\text{Square meters} = \text{Square feet} \times 0.093$$

Power

$$\text{Horsepower} = \text{Watts} \times 0.00134$$

$$\text{Watts} = \text{Horsepower} \times 746$$

$$\text{Horsepower} = \text{Kilowatts} \times 1.34$$

$$\text{Kilowatts} = \text{Horsepower} \times 0.746$$

$$\text{Kilowatts} = \text{Watts} \times 1000$$