

**Typical Installation Weights For Rotax 2 Stroke Aircraft Engines**

|                               | <b>447</b>  |              | <b>503</b>  |              | <b>503 DC</b> |              | <b>582</b>  |              | <b>618</b>  |              |
|-------------------------------|-------------|--------------|-------------|--------------|---------------|--------------|-------------|--------------|-------------|--------------|
| KW / HP                       | 29.5        | 39.6         | 34.0        | 45.6         | 37.0          | 49.6         | 48.0        | 64.4         | 55.0        | 73.8         |
| Items                         | Kg.         | Lbs.         | Kg.         | Lbs.         | Kg.           | Lbs.         | Kg.         | Lbs.         | Kg.         | Lbs.         |
| Engine With Carbs             | 27.8        | 61.3         | 32.3        | 71.2         | 33.2          | 73.2         | 29.2        | 64.4         | 34.7        | 76.5         |
| Exhaust System                | 4.9         | 10.8         | 5.1         | 11.2         | 5.1           | 11.2         | 5.1         | 11.2         | 6.9         | 15.2         |
| Air Filter(s)                 | 0.2         | 0.4          | 0.2         | 0.4          | 0.5           | 1.1          | 0.3         | 0.7          |             |              |
| Dual Rad Set                  |             |              |             |              |               |              | 2.7         | 6.0          | 2.7         | 6.0          |
| <b>No Drive - No E/S</b>      | <b>32.9</b> | <b>72.5</b>  | <b>37.6</b> | <b>82.9</b>  | <b>38.8</b>   | <b>85.5</b>  | <b>37.3</b> | <b>82.2</b>  | <b>44.3</b> | <b>97.6</b>  |
| Weight To Power               | 1.115       | 1.831        | 1.106       | 1.817        | 1.049         | 1.724        | 0.777       | 1.277        | 0.805       | 1.323        |
| <b>With B Drive No E/S</b>    | <b>37.4</b> | <b>82.4</b>  | <b>42.1</b> | <b>92.8</b>  | <b>43.3</b>   | <b>95.4</b>  | <b>41.8</b> | <b>92.1</b>  |             |              |
| Weight To Power               | 1.268       | 2.082        | 1.238       | 2.035        | 1.170         | 1.924        | 0.871       | 1.431        |             |              |
| <b>With B Drive &amp; E/S</b> | <b>42.3</b> | <b>93.2</b>  | <b>47.0</b> | <b>103.6</b> | <b>48.2</b>   | <b>106.2</b> | <b>46.7</b> | <b>102.9</b> |             |              |
| Weight To Power               | 1.434       | 2.354        | 1.382       | 2.272        | 1.303         | 2.142        | 0.973       | 1.598        |             |              |
| <b>With C Drive No E/S</b>    | <b>40.9</b> | <b>90.1</b>  | <b>45.6</b> | <b>100.5</b> | <b>46.8</b>   | <b>103.1</b> | <b>45.3</b> | <b>99.8</b>  | <b>52.3</b> | <b>115.3</b> |
| Weight To Power               | 1.386       | 2.276        | 1.341       | 2.204        | 1.265         | 2.080        | 0.944       | 1.550        | 0.951       | 1.562        |
| <b>With C Drive &amp; E/S</b> | <b>45.8</b> | <b>100.9</b> | <b>50.5</b> | <b>111.3</b> | <b>51.7</b>   | <b>113.9</b> | <b>50.2</b> | <b>110.6</b> | <b>57.2</b> | <b>126.1</b> |
| Weight To Power               | 1.553       | 2.549        | 1.485       | 2.441        | 1.397         | 2.297        | 1.046       | 1.718        | 1.040       | 1.708        |
| <b>With E Drive</b>           | <b>44.1</b> | <b>97.2</b>  | <b>48.8</b> | <b>107.6</b> | <b>50.0</b>   | <b>110.2</b> | <b>48.5</b> | <b>106.9</b> | <b>55.5</b> | <b>122.3</b> |
| Weight To Power               | 1.495       | 2.454        | 1.435       | 2.359        | 1.351         | 2.222        | 1.010       | 1.660        | 1.009       | 1.657        |
|                               | Kg/KW       | Lbs/HP       | Kg/KW       | Lbs/HP       | Kg/KW         | Lbs/HP       | Kg/KW       | Lbs/HP       | Kg/KW       | Lbs/HP       |