

WEIGHT AND BALANCE, AMPHIBIOUS FLOATS

| | | Trial Weight and Balance | | Actuals | |
|---|---------------------------|--------------------------|---|---------------------|----------------------|
| | | Cessna 182 models | | On other Cessnas | |
| W & B Figures are with the Seaplanes West Float Conversion UPGROSS Increase on the Cessna P, Q or R | | vs | Restart S and T models Sample 2002 "S" model | | |
| | Serial: 18261831 | | Serial: 18280860 | 185 | 206 |
| | WEIGHT | | WEIGHT | N1678R | N7777A |
| <i>Actual weights from Logs</i> | 1776.60 | | 1984.55 | 2345 | 2655 |
| <u>Remove: Wheel Gear</u> | | | | | |
| <i>Nose gear</i> | -44.00 | | -44.00 | | |
| <i>Mains</i> | -118.00 | | -118.00 | | |
| <i>Wheel Pants (3)</i> | -18.30 | | -18.30 | | |
| <u>Add: Floats</u> | | | | | |
| <i>Seaplanes West Installation:</i> | Aerocet 3400 | | Wipline 3000 | Aerocet 3400 | Aerocet 3400 |
| <i>Mount</i> | 6.50 | | 6.50 | | |
| <i>V-Brace</i> | 3.00 | | 3.00 | | |
| <i>Rudder Pedal</i> | 1.00 | | 1.00 | | |
| <i>W/W Retract Mech</i> | 1.00 | | 1.00 | | |
| <i>Ventral Installation</i> | 2.00 | | 2.00 | | |
| <i>Amphibious Floats</i> | 651.00 | | 628.90 | | |
| TOTAL WEIGHT INSTALLED: | 2260.8 | | 2446.7 | 2345 | 2655 |
| MAXIMUM ALLOWABLE GROSS WEIGHT: | 3360 | | 3100 | 3350 | 3600 |
| <i>BOTTOM LINE ...</i> | | | | | |
| <i>WHAT'S THE USEFUL LOAD:</i> | | | 653 | 1005 | 945 |
| | 1099 | | <i>446 lbs. less</i> | <i>94 lbs. less</i> | <i>154 lbs. less</i> |
| | <i>Clearly the winner</i> | | | | |

WEIGHT AND BALANCE, STRAIGHT FLOATS

| | | Trial Weight and Balance | | Actuals | | |
|---|---------|--------------------------|----------------------|---------------------------|---------------------------|-----|
| | | Cessna 182 models | | Other Cessnas | | |
| W & B Figures are with the Seaplanes West Float Conversion UPGROSS Increase on the Cessna P, Q or R | | vs | | Restart S and T models | 185 | 206 |
| | | | | Sample 2002 "S" model | | |
| | | Serial: 18261831 | Serial: 18280860 | N1678R | N7777A | |
| | | WEIGHT | WEIGHT | WEIGHT | WEIGHT | |
| <i>Actual weights from Logs</i> | | 1776.60 | 1984.55 | 2345 | 2655 | |
| <u>Remove: Wheel Gear</u> | | | | <i>Actual,</i> | <i>Actual,</i> | |
| <i>Nose gear</i> | -44.00 | -44.00 | -44.00 | <i>reduced to</i> | <i>reduced to</i> | |
| <i>Mains</i> | -118.00 | -118.00 | -118.00 | <i>straight float wts</i> | <i>straight float wts</i> | |
| <i>Wheel Pants (3)</i> | -18.30 | -18.30 | -18.30 | -206.00 | -206.00 | |
| <u>Add: Floats</u> | | Aerocet 3500L | Wipline 3000 | Aerocet 3500L | Aerocet 3500L | |
| <i>Seaplanes West Installation:</i> | | | | | | |
| <i>Mount</i> | 6.50 | 6.50 | 6.50 | | | |
| <i>V-Brace</i> | 3.00 | 3.00 | 3.00 | | | |
| <i>Rudder Pedal</i> | 1.00 | 1.00 | 1.00 | | | |
| <i>W/W Retract Mech</i> | 1.00 | 1.00 | 1.00 | | | |
| <i>Ventral Installation</i> | 2.00 | 2.00 | 2.00 | | | |
| <i>Straight Floats</i> | 445.00 | 428.90 | 428.90 | | | |
| TOTAL WEIGHT INSTALLED: | | 2054.8 | 2246.7 | 2139 | 2449 | |
| MAXIMUM ALLOWABLE GROSS WEIGHT: | | 3360 | 3100 | 3350 | 3600 | |
| BOTTOM LINE ... | | | | | | |
| WHAT'S THE USEFUL LOAD: | | 1305 | 853 | 1211 | 1151 | |
| | | <i>Winner</i> | <i>452 lbs. less</i> | <i>94 lbs. less</i> | <i>154 lbs. less</i> | |