



REVOLUTION

HELICOPTER CORP., INC.



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Subject: Weight and Balance

Applicability: All Mini-500's

The initial weight and balance calculations should be done according to the instructions in the Pilot's Operating Handbook. This will get you very close. The ultimate test though, is when you hover the aircraft.

On a calm day, stabilize the aircraft in a hover. Relax pressure on the cyclic stick. The aircraft should want to drift to the right, this is normal. If the aircraft drifts forward or backward, then your center of gravity is not correct. Pay attention to how the aircraft lifts off of the ground, this is also an indication of CG. The aircraft may lift off with the right skid first, but the heel and toe of the skid should come up together. This is important because if your CG is too far forward or too far aft, you will get increased vibration in forward flight.

If you have any questions please contact Revolution Helicopter at (816) 637-2800.