

All Aircraft... + MODIFICATIONS ADD UP! +

I'M A LEAN MEAN FLYIN' MACHINE!

I'M A LITTLE OVERWEIGHT.

I'VE EATEN TOO MANY ECP AND MWO MODS.

NOW HOW DO I GET OFF THE GROUND?



A NEW BIRD IS A LEAN, MEAN FLYIN' MACHINE.

BUT LATELY, AS DOZENS OF MWOS AND ECPs ARE ADDED, WEIGHT AND BALANCE BECOME A CONCERN.



An overweight aircraft can't do its mission and believe it or not, every little bit counts when it comes to weight and balance.

This is especially true when the instructions state, "Weight and balance are not significantly affected" or "Weight and balance impact negligible" but it's obvious a weight change occurs. Wires, clamps and hardware collectively have weight, in some cases, significant weight!

Fill out the forms like it says in [TM 55-1500-342-23, Army Aviation Maintenance Engineering Manual Weight and Balance](#), and keep your aircraft airworthy!

If you suspect an error in aircraft modification instructions, you need to submit a DA Form 2028, *Recommended Changes To Publications and Blank Forms*.

REMEMBER, THE MASS PROPERTIES TEAM (MPT) AT REDSTONE ARSENAL DETERMINES "NEGLIGIBLE" CHANGES IN AIRCRAFT WEIGHT AND BALANCE.



EVERY LITTLE BIT COUNTS!

