

## PML News Volume 57 — 8/26/02

Hello everyone! Hope your summer flying season's been going well for you (lots of flights and not too many prangs!). We've got an announcement to make, one that I'm sure some of you have been waiting for...

We're happy to announce a GREATLY renovated Motor Recommendations Chart, one in which we've added almost 500 new entries! We've now added both 54 and 38mm Aerotech Redline motors, Cesaroni Pro38 motors, and Ellis Mountain 38mm motors to our already huge Motor Recommendations Chart. The chart now has almost 1500 entries (if you can't find a kit and motor to match the field, flying conditions, and your interest in PML kits, you're doing something wrong! <grin>).

FYI, the new motors are:

- 54mm Aerotech Redline J315R, J540R, K695R, K1275R
- 38mm Aerotech Redline H148R, I218R, I286R, I366R, J420R
- 38mm Cesaroni G60, H110, I170, I240, J300, J360
- 38mm Ellis Mountain I150EM, I160EM, I230EM, J270EM, J330EM

We've also posted the RockSim RKT files that we used to produce the chart data on our RockSim Page of our website. One thing to note, however, you'll need RockSim 6.0 to "fly" or modify those files, as that's what we used to produce them. (RockSim 6.0 comes with the new motors listed above as standard. If you do not have RockSim 6.0, you can always add these motors to your version of RockSim by visiting a motor data website such as [www.thrustcurve.org](http://www.thrustcurve.org). The actual RKT files used in 6.0 were the same as those posted on our website, so you can be confident your pre-RockSim 6.0 simulations will be using the same PML kit data if you choose to add the motors to your version. If you have any questions on adding motors to your version of RockSim please contact Apogee Components, the maker of RockSim, not PML).

We've also changed the layout of the Motor Recommendations Chart around a bit. With this addition of so many new motors, it became clear we'd have to lay things out differently than before:

- We've broken the 38mm information into separate pages based on impulse: 38mm G-H, 38mm I, and 38mm J.
- All motors are identified by manufacturer in the Casing cells of the chart: AT = Aerotech, CESAR = Cesaroni, ELLIS = Ellis Mountain. This should help you determine whether you have the necessary hardware in your collection to fly that particular motor.
- Motors are arranged by ascending letter and number designation.
- Aerotech motor propellants are as follows re: their suffix: J is Black Jack, W is White Lightning, T is Blue Thunder, R is Redline.
- Altitude and Optimal Delay information is still displayed as "feet,seconds".

As always, we have updated our FAQs to reflect this new information. The RockSim FAQ and the extensive PML Complete FAQ (both available on our FAQs Page of the website) have more information on PML and our support of RockSim

We're sure this new Motor Recommendations Chart will help you with more options for your high-power flying, and thanks again for your continued support of PML!

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