RRC3 Altimeter Sport

# Rocket Recovery Controller 3 by Missile Works Corporation 11/17/15

First of all some of the components required for us to use the RRC3 Altimeter Sport are the RRC3 computer itself and the USB-IO interface module in order to program the flight computer.

Some other considerations in using the RRC3 include

* Pressure Ports in the body tube will be required for the barometric pressure sensor
* Operates on a 9V Alkaline battery or similar substitute
* Minimum of 3.5 V and max of 10V at operation
* Electronic matches can be up to 5 amps if running on single battery
* 6 ma power draw up to 35 ma draw at max
* Requires simple power switch
* Pyro battery cannot exceed 30V
* <http://rocketrywarehouse.com/product_info.php?products_id=652>

The RRC3 seems like a perfect substitute for the Aim Xtra considering we are going from a strong integrated flight computer design to a redundant flight computers with a separate GPS transmitter.

Some considerations in using the USB IO

* Can provide necessary power to the RRC3 when plugged in
* Must be used with the mDACS Windows based software to download flight data
* Cost of 24.95 plus shipping
* <http://shop.macperformancerocketry.com/products/copy-of-lcd-terminal-for-rrc3>