

# October 2014 Launch Report Part 1

---

The crops came down at our Middlefield launch site in September, allowing us early access to a field devoid of corn stalks. The weather for October 11<sup>th</sup> was slightly colder than expected for October, with the high temp being only in the 50's. Variable skies and light winds made it a perfect flying day.

Dave Cooper came in from Warren to test fly his Raven 2 Altimeters in minimum diameter rockets (read that as one inch) powered by D12 motors (right). I've never seen a four-event altimeter that small. Even though the rockets were going out of sight, he got them all back.



Steve Eves flew his all fiberglass "Hawk" with an I315 with motor ejection for a perfect flight (below left). He then flew his 5.38" 12 pound naked rocket (which looked vaguely like an Asp) with a 54mm 3 grain J 650 using NASSA Mark propellant to 2200 feet (below center). And lastly flew his Great Pumpkin Magnum with a 54mm 4 grain blue propellant K motor to 3200 feet for a great flight (below right).





Cornelius Gould flew an Aerotech H128 in his Comanche rocket (left), and an Aerotech F40 in his XR10 tube fin rocket. Both rockets were scratch built.

Jim Seibyl flew, a NCR Archer clone powered by a G53 motor (not shown). His Phunqued Up, a 4" dual deploy powered by a H195, which flew to 1200 feet (center), and his Mega Red Max powered by an I200, which flew to 1457 feet (right).





Andrew Kleinhenz launched a 5.5" diameter scratch built (left) on a K535W. It flew to 4069 feet, just touching the bottom of the cloud cover, as can be seen in the photo (above) and recovered well (below right). He also launched a 2.5" dual deploy on an H268R to 3361 feet (below left).





Chris Pearson flew a prototype futuristic LOC kit on an Estes/Aerotech G80-7 (left and right). Once again he flew his Crayola rocket on an Estes F50-7. Both of these were apogee deployment, which despite the winds, landed on the field. He then flew his Katana EX-treme 4.0 on a 54mm K700 Research motor using NASSA K2 Fast propellant (below). The rocket experienced total electronics failure in flight and came in ballistic into the woods north of the field. Despite a serious search effort, it was not recovered.

