

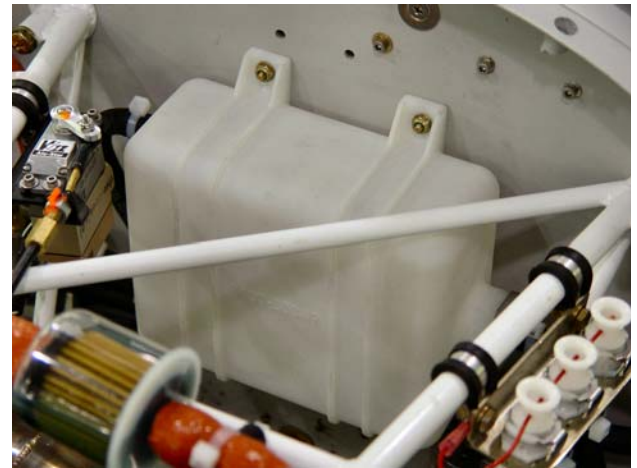
**Solid Concepts** has been working with **DRS Unmanned Technologies** in Texas to achieve a first time success with a "never been done before" application involving Solid Concepts' SLS NyTek™-1100 material. The SLS application required building an integrated one-piece aviation fuel tank that would hold up in a very demanding environment. To evaluate the product design and prove out the SLS process capabilities, the tank was subjected to a week of repeated testing that included several hours of deformation under 8 inches of vacuum followed by overnight submerged leak tests with 4.5 psi pressure loads. The fuel tank was then loaded with Aviation gasoline, pressurized to 8 psi and exposed to a 140 degrees F environment for three days. The tests empirically validated DRS's design and successfully demonstrated Solid Concepts' SLS NyTek manufacturing process for the tank's ability to withstand the intended application.



*The DRS Sentry HP has a wingspan of 12.8 ft. and can accommodate various internal payloads of up to 75 lbs. for military and civilian applications. The aircraft is controlled through a sophisticated digital flight control system and integral mission computer.*



*The original DRS Sentry HP fuel tank assembly consisted of 8 components.*



*The new one piece SLS fuel tank is 12% lighter and provides additional capacity in the same space.*

DRS-UT Vice President Frank Morian and Lead Engineer Thomas Labbe claimed the success of this SLS design application eliminated seven (7) piece parts and improved their UAV performance reliability - plus the new single piece integrated design SLS tanks are 12% lighter and provide more fuel storage in the same footprint as the old tank! These results speak for themselves as DRS has since ordered additional fuel tanks to retrofit a number of their Sentry® HP unmanned aerial vehicles (UAV's). For more information please visit <http://www.solidconcepts.com> or <http://www.drs.com>.