



February 7, 2003

## **Aerojet Successfully Tests HyFly Hypersonic Engine**

SACRAMENTO, Calif., Feb. 7 /PRNewswire-FirstCall/ -- Aerojet, a GenCorp Inc. (NYSE: GY) company, recently completed a series of tests of the heavy-weight freejet HyFly (Hypersonic Flight) engine, verifying predicted engine performance and thrust levels. Testing was conducted during summer 2002 at NASA Langley Research Center in Virginia, and more recently at Arnold Engineering Development Center (AEDC) in Tennessee. Tests were conducted under simulated conditions, including various altitudes and fuel injector configurations at Mach 3.5, 4.1 and 6.5.

"Aerojet met the program objective of collecting the data necessary to validate our performance models and optimize the engine for the best overall mission performance," said Chuck Beaudry, HyFly program manager. "The success of the tests conducted at AEDC and Langley demonstrates our ability to design, build and manage testing of a hypersonic engine."

Aerojet was awarded a \$42 million contract in 2002 from Boeing Phantom Works to develop and flight-test dual combustion ramjet test flight engines for the Defense Advanced Research Projects Agency (DARPA) and Office of Naval Research's (ONR) HyFly long-range strike missile demonstrator program.

"The outstanding support and efficiency of both test crews at AEDC and Langley, as well as the robustness and quality of the Aerojet Freejet Model, allowed Aerojet to conduct more than twice the expected number of planned tests during each test phase," Beaudry said. "The commitment on the part of those teams -- in concert with the Aerojet team -- resulted in meeting the critical first step of developing an engine of this type."

As a result of the data obtained and analyzed, the freejet engine will be modified in the coming year to optimize the flowpath lines. Additional tests will be conducted to validate the final design in preparation for eventual flight testing to be conducted from Point Mugu Naval Air Weapons Station, CA. Concurrently, the fabrication processes that will be used to build the flightweight engines will continue to be developed and validated. The freejet tests will be followed by flightweight engine ground tests to validate the structural design.

Aerojet is a world-recognized aerospace and defense leader principally serving the missile and space propulsion, and defense and armaments markets. GenCorp Inc. is a multi-national, technology-based manufacturer with leading positions in the automotive, aerospace, defense and pharmaceutical and fine chemicals industries. For more information, please visit <http://www.aerojet.com> and <http://www.gencorp.com>.

This release contains forward-looking statements as defined under the federal securities laws, including statements about the beneficial tests of the Aerojet HyFly hypersonic engine. Such forward-looking statements involve risks and uncertainties, which could cause actual results to differ from the statements.

Other risk factors are described in more detail in GenCorp's Annual Report on Form 10-K for the year ended November 30, 2001 and its subsequent periodic and other filings with the Securities and Exchange Commission, including its most recent 10-Q filed for the period ending August 31, 2002. Additional risks may be described from time to time in future filings with the U.S. Securities and Exchange Commission. All such risk factors are difficult to predict, contain material uncertainties that may affect actual results, and such risks may be beyond GenCorp's control. SOURCE Aerojet

/CONTACT: Susan Bassett of Aerojet, +1-916-355-2310 or [susan.bassett@aerojet.com](mailto:susan.bassett@aerojet.com); or Linda Cutler of GenCorp, +1-916-351-8650 or [linda.cutler@gencorp.com](mailto:linda.cutler@gencorp.com)/

Web site: <http://www.gencorp.com>

Web site: <http://www.aerojet.com>