



NEWS RELEASE

RCV Engines Limited

10 June 2008

RCV announces engine evaluation service for heavy fuel micro UAV applications

With its proven robustness, reliability and high power to weight performance on military grade JP8 fuel, the patented Rotating Cylinder Valve (RCV) engine concept offers huge potential for small UAV engine applications requiring a heavy fuel capability. In order to enable a wider range of aerospace customers to benefit from this technology, RCV Engines Ltd has announced a development engine evaluation service for those wishing to pull forward the introduction of small, heavy fuel UAV products

Small sized UAVs are seen as highly attractive for defence applications such as the clearance of mines and other munitions, as well as general surveillance and reconnaissance work. They also have significant potential for many civilian applications, including border monitoring, fighting forest fires, geological surveying and even filming sporting events. A crucial advantage of RCV engine technology for small UAVs is its inherent capability to operate on heavy fuel such as standard military grade JP8, thus avoiding the need for troops to carry additional and potentially more dangerous gasoline fuel supplies. Indeed, as the Single Fuel Concept (SFC) applied by the US Department of Defense requires that US forces use solely heavy fuel while on deployment, RCV engine technology is also an ideal candidate for many other small military engine requirements such as mobile generator sets. Current UAV development applications have proven that RCV engines are capable of delivering reliable performance of greater than 70 hp/litre while running on JP8 fuel.

The engine supply service will enable eligible customers to obtain an RCV development engine on individually negotiated lease terms. As a part of the lease contract, customer engineers would participate in a demonstration and training exercise either at RCV Engines' technical centre or by special arrangement, at the customer's own premises. Following this they would be able to evaluate the engine for the fixed duration of their lease before returning it to RCV Engines. At the conclusion of the lease customers would then be able to discuss the potential development of an engine for their specific airframe needs. It is envisaged that a range of units will be available for the development engine supply service including a 22cc single and 40cc twin cylinder engine. In addition to this, RCV Engines has a range of high quality model aircraft engines in production ranging from 9.5cc to 23cc, each of which has the potential of development to operate on heavy fuel.

RCV Engines managing director Eric Hill explains:

"The heavy fuel performance of the RCV engine concept is well proven for UAV applications. By putting the development engine evaluation service in place we hope to facilitate business collaborations which could lead to the much earlier introduction by our customers of small, heavy fuel UAV products than would otherwise be possible. We anticipate being able to provide the first engines under this service in the final quarter of 2008."

Media Office: MediaTechnical Ltd
4 Hampden Road
Brighton
BN2 9TN UK

Telephone: +44 (0)1273 382710
Fax: +44 (0)1273 880218
E-mail: avsmith@mediatechnical.com
RCV web site: www.rcvengines.com



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NOTES TO EDITORS:

RCV Engines Ltd has developed its patented Rotating Cylinder Valve (RCV) internal combustion engine technology since its formation in 1997. This revolutionary technology provides distinct potential benefits over conventional two- and four-stroke engines in terms of increased performance, reduced emissions and improved fuel consumption. RCV technology is particularly well suited to small engine applications including motorcycle, forest and garden, and Unmanned Aerial Vehicles (UAVs). The company has exported engines to over 50 countries and has a customer list that includes many prestigious clients. It has also engaged in development programmes with a wide range of customers who wish to incorporate the benefits of RCV technology on a licensed basis in their own products. RCV Engines Ltd is a well resourced technology-focused company which boasts a team of highly qualified automotive design and production engineers, as well as advanced manufacturing and engine development facilities at its south of England location at Wimborne, Dorset. The company currently manufactures a range of 5 model aircraft engines from 9.5cc to 20cc with over 11,000 operating worldwide. RCV Engines Ltd is privately held and is fully independent.

MEDIA CONTACT:

Anthony Smith
MediaTechnical Ltd

Tel: +44 (0) 1273 382710
Fax: +44 (0) 1273 880218
E-mail: avsmith@mediatechnical.com

Media Office: MediaTechnical Ltd
4 Hampden Road
Brighton
BN2 9TN UK

Telephone: +44 (0)1273 382710
Fax: +44 (0)1273 880218
E-mail: avsmith@mediatechnical.com
RCV web site: www.rcvengines.com