



NEWS RELEASE

RCV Engines Limited

7 December 2006

RCV awarded engine contract for Micro Air Vehicle

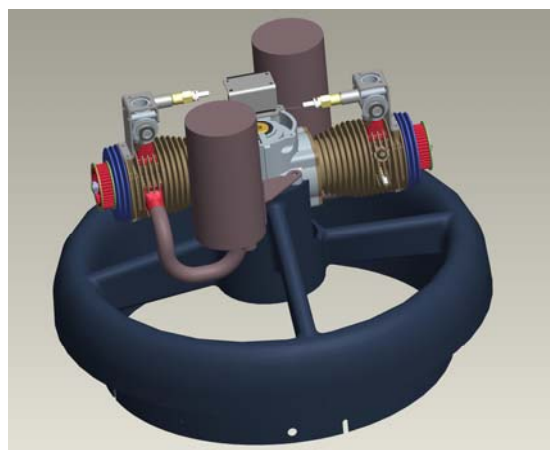
RCV Engines Ltd has been selected by Honeywell to produce a demonstrator engine based on the company's patented Rotating Cylinder Valve technology. Intended for use in Honeywell's backpack-sized Micro Air Vehicle (MAV), the high power to weight ratio and multi-fuel capability available from RCV technology make this type of engine an ideal choice for Unmanned Aerial Vehicle (UAV) applications

The MAV autonomous surveillance aircraft has been developed as part of the US Defense Advanced Projects Agency (DARPA) MAV Advanced Concept Technology Demonstration programme. The vehicle is small enough for a foot soldier to carry on his/her back and is designed to provide soldiers with improved situational awareness without exposing them to enemy fire through forward- and downward-looking video cameras that relay information to a remote ground station video terminal.

The new RCV technology demonstrator engine to be delivered to Honeywell for evaluation with the MAV will have a nominal capacity of 60cc and is targeted to deliver 4.2bhp at 8200 rev/min. Crucially this performance is based upon the use of JP8 fuel, drawing upon the inherent multiple fuel tolerance, high power to weight ratio and high speed capability of the RCV engine concept.

Commenting on the award of this important contract with Honeywell, RCV Engines Ltd managing director, Eric Hill said:

"We are pleased to be able to support Honeywell and DARPA with this technology demonstrator engine. UAVs are an important element of the battlefield of tomorrow and offer vital protection and effectiveness to land based forces. RCV technology provides some unique benefits for UAVs in terms of performance, efficiency, high power to weight ratio and multi-fuel tolerance."



A new unmanned aerial vehicle (UAV) engine based on RCV technology (above) is under development for demonstration on Honeywell's Micro Air Vehicle (top)

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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 which 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 10,000 operating worldwide. RCV Engines Ltd is privately held and is fully independent.

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