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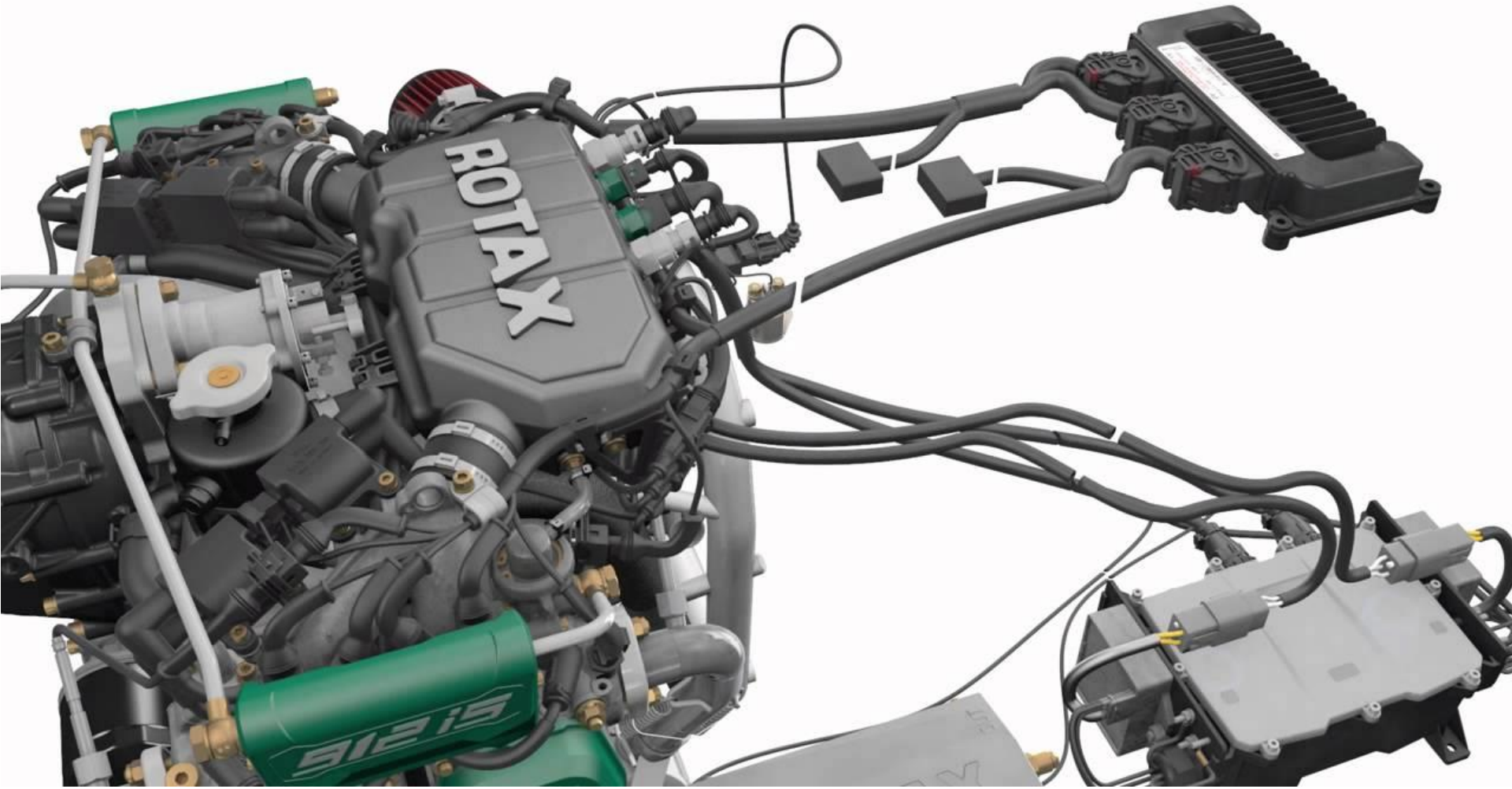
*Aerospace*

**ROTAX**<sup>®</sup>  
AIRCRAFT ENGINES



introduces the new

**912 iS**



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*Aerospace*



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**912iS**



Rotax® 912iS (©BRP-Powertrain)

### The Engine

The 912iS replaces the carburetors and associated components of the well-known Rotax® 912S engine with a duplex redundant electronic fuel injection and ignition system. Fuel consumption of the 912iS is significantly less than that of the 912S with carburetors and brings the engine into a new era of propulsion efficiency for light aircraft and UAVs.

### The ECU

Rockwell Collins' electronic Engine Control Unit controls the fuel/air mixture and the ignition timing electronically to optimize fuel consumption and engine performance. The ECU also monitors all engine parameters continuously. Two independent, dual redundant sets of CANaerospace data buses for cockpit instrumentation and engine maintenance purposes.



### The EMU

The Engine Management Unit (EMU 912iS) has been designed along with the Rotax® 912iS engine and test flown in several airplanes and gyrocopters. It makes full use of all resources available with the dual redundant CANaerospace data buses and provides the pilot with an unprecedented level of awareness about engine status and performance

# Questions?



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