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RUAG and Piaggio retrofit landing gear



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[RUAG Aviation](#) and [Piaggio Aerospace](#) have successfully pooled resources in completing the first retrofit installation of Magnaghi landing gear on a [Piaggio P.180 Avanti II](#) aircraft.

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15,000-cycle/15-year overhaul interval, compared with the 6,000-cycle/12-year schedule of the existing gear. A proximity sensor system for NLG and MLG positioning also increases reliability and reduces the need for maintenance requirements.

RUAG statement, “the installation marks the culmination of an intensive process of collaboration between Piaggio Aerospace and RUAG Aviation.”

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The retrofit was carried out by RUAG specialists at the company’s facilities in Agno, certified as a Part 145 maintenance organization. “The installation required both major electrical and structural modifications to the aircraft,” comments RUAG Aviation Agno General Manager Stephan Woodtli, who described the collaboration with Piaggio as “the very essence of what the RUAG motto is all about – Together ahead.”

“The landing gear upgrade brings the P180 Avanti family closer to the standard of the Avanti EVO and this to very attractive conditions,” adds Piaggio Aerospace CEO Renato Vaghi. “The new gear offers long-term cost savings, reducing overhaul costs by 50% compared to the existing system. Moreover, the Magnaghi landing gear is designed to accommodate other advanced features such as an anti-skid system or LED landing lights.”

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