

Press Release
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Interior Cabin Access Steps



In order to gain access to the aircraft internal overhead baggage lockers, lights and wiring systems in a safe manner, a set of steps has been designed to avoid engineers stepping on seats or using 'A' frame steps which are unstable methods of reaching fixtures. At 13.5kg, the new internal cabin access steps are of lightweight aluminium construction so making them easy to manoeuvre within the aircraft and along the aisle where they can be positioned with no set-up time.

It was a key consideration during design to be aware that when bringing equipment into the cabin there is always a danger of damaging the cabin interior. One potential risk area is the aircraft honeycomb flooring so the steps are load distributed to avoid damage. The rubber on-slip feet grip the flooring preventing 'slipping'.

In the same way when manoeuvring the equipment along the aisle, the seats must be protected and for that reason the leading edge of the steps is padded and marked to indicate this.

When mounted, the kick plate at the front and the raised padding ensures the engineer can feel his feet are securely placed on the top step and his body is positioned such that the seats and lockers can be used as a stabiliser if required.

Managing Director, Stuart McOnie explains "This ergonomic solution to a longstanding problem has come about as a result of listening to our customers. This sort of problem solving takes place at events at the Semmco factory each quarter when we host key customers for a day to discuss issues that face aircraft maintenance operators and work out how they could be overcome."

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Notes to editors

Photo Cabin Interior Access Step, Cabin Interior Access Step 1 cropped, Cabin Interior Access Step 2 cropped

About Semmco:

Semmco, established in 1993, is a design, engineering and manufacturing company offering a range of specialist services to the rail, aviation, industrial and military markets for service and maintenance of rolling stock, planes and specialist equipment and plant. The company is known as a UK leader for quality in its field.

Within the Rail market Semmco designs and manufactures a comprehensive range of access solutions - Rail Roof Access, Rail Access Steps, Rail Front Access Steps, Rail Modular Access Steps and Rail Fixed Gantry.

Within the Aviation market, Semmco designs and manufactures a comprehensive range of access solutions - Aircraft Engine Access, Engineer Maintenance steps, Cargo Bay Access and among other access platforms.

Providing engineering design and consultancy for special projects and bespoke customer requirements, the company is committed to quality, safety and reliability through innovative designs, while manufacturing cost effective engineered solutions.

Based in Woking, Surrey, Semmco supplies equipment across the UK and around the world.

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