

MAGELLAN INFO BITE

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EURAVIA NORTH AMERICA INTRODUCES COLD SPRAYING CAPABILITY: Save, Don't Scrap!

Euravia North America ("ENA"), a Magellan Aerospace Company, has added cold spraying capability to their comprehensive list of engine and component repair and overhaul (R&O) solutions.

Particularly effective in corrosion repairs, cold spray is the supersonic deposition of metallic powder to worn or damaged surfaces. A key advantage of the process is that it may allow the repair and reuse of valuable components, like gearboxes, that may otherwise would have been scrapped. Other advantages include reduced repair time, extended life of the components, and reduced waste associated with salvage versus scrapping parts.

Similar to thermal spray, the biggest differences are the lower bond temperatures required for cold spraying and the smaller particle size of the spray powder.

ENA's R&O professionals can help you determine whether the cold spraying process may be right for your engine repair. The ENA team will be exhibiting at **HAI's HeliExpo 2023**, in Atlanta, Georgia, on the 7-9 March. You can find them at exhibit **#C4409**.

About Euravia

Euravia Engineering and Supply Co. Ltd, and Euravia North America are wholly-owned subsidiaries of Magellan Aerospace Corporation. Euravia is internationally recognized as a Centre of Excellence for engine maintenance, repair and overhaul and component R&O and supports over 150 customers in 50 countries.

About Magellan Aerospace Corporation

Magellan Aerospace Corporation is a global aerospace company that provides complex assemblies and systems solutions to aircraft and engine manufacturers, and defense and space agencies worldwide. Magellan designs and manufactures aeroengine and aerostructure assemblies and components for aerospace markets, advanced proprietary products for military and space markets, and provides engine and component repair and overhaul services worldwide. Magellan is a public company whose shares trade on the Toronto Stock Exchange (TSX: MAL), with operating units throughout North America, Europe, and India.

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