

CASE HISTORY SPOTLIGHT

Case History #233: Convenient, Time-Saving Preservation for Aircraft Engines



4119 White Bear Parkway, St. Paul MN 55110 USA Phone (651)429-1100, Toll free (800) 4-CORTEC Fax (651) 429-1122, Email: info@cortecvci.com www.cortecvci.com A navy in South Asia used to have a cumbersome, time consuming, and expensive method of aircraft engine preservation using a moisture barrier bag, paraffin paper, silica gel, rust preventive oil, gasoline, and a poly sheet. The preservation period was two years, but most of the products had to be replaced or renewed every quarter, a process that took one and a half days. In spite of the heroic measures, the engines still had corrosion.

A Cortec[®] VpCI[®] solution proved to be a clean and convenient alternative. It involved washing accessible surfaces with VpCI[®]-416 and wiping them with VpCI[®]-377. Next, workers inserted seven VpCI[®]-132 Foam pads into and around each engine. The entire engine was wrapped in Cor-Shield[®] VpCI[®]-146 Paper and sealed, followed by a final wrapping with VpCI[®]-126 Film. The whole process only had to be done once every two years. It took two hours to apply and 15 minutes to remove the Cortec[®] products, saving valuable time and cutting costs by 60-70%.

To read the full case history, please visit: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ ch233.pdf_



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