



VpCI™ SOLUTIONS FOR MILITARY APPLICATIONS

CASE HISTORY

Refurbishment of Military Displays

Before



DATE

August 2007

LOCATION

Camp Pendleton, California

CONTRACTOR

MILSPRAY

CUSTOMER

United States Marine Corps AAV School Battalion

PRODUCTS

VpCI™-375
VpCI™ CorrVerter®

PROBLEM

Two static display museum pieces (AAV's) needed corrosion removal, protection, and a new durable top coat. The first AAV had been retired for approximately 10 years and was only in need of a top coat. The second, had been sunk off the coast of Okinawa Japan and had remained under water for 3 months. The steel parts were heavily corroded and the aluminum parts, which make up most of the body, were heavily oxidized.

After



APPLICATION

All surface rust was removed from the rims, tie downs, and bolt heads with wire brushes and scrapers. Surfaces were wiped with Isopropyl Alcohol and VpCI™ CorrVerter® was applied liberally with a brush. Aluminum oxidation, barnacles, and all loose paint was removed with wire brushes, wire wheels, electric sanders, and scrapers. Rough surfaces were then "feathered" with fine grit sandpaper. All surfaces were once again wiped clean with Isopropyl Alcohol. VpCI™-375 was then applied, first by brush to cut in the hard to reach areas and corners. Then the nose, back, and doors of the AAV's were rolled out with a paint roller. All other surfaces were sprayed with an airless sprayer.

CONCLUSION

Cortec's VpCI™-375 and VpCI™ CorrVerter® were the perfect products for the job, providing little need for touch up.

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