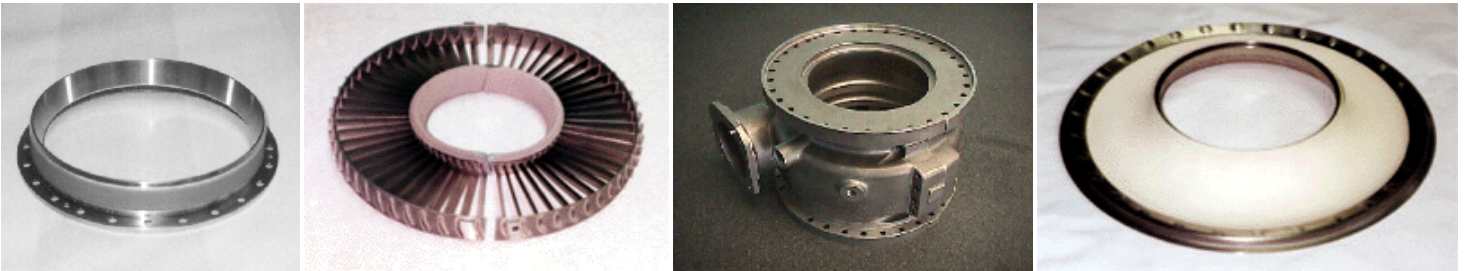




## ALLIED SIGNAL



Colonial Coatings Corp. has provided AlliedSignal/Honeywell coating services on AGT 1500 engine component parts; during the eighteen years that the Stratford, CT. based facility produced over 12,000 AGT 1500 Gas Turbine Engines for the Army's Abrams MIA1, A2 Battle Tank.

The coatings encompass a wide range of materials ranging from aluminum polyester used in abradable surfaces mainly in cooler compressor sections of the engine to zirconium oxide used as a Thermal Barrier Coating (TBC) in the combustor and hot section of the engine. Plasma sprayed components include shafts that are sprayed with a dry film lubricant or polyester aluminum bronze, components such as cylinder assemblies require a wear surface coating of chromium carbide. Component parts subject to oxidation are given surface treatment in the form of painting such as the L.P. Compressor Housing, which is made from an iron base material that is subsequently painted to avoid rusting.

Colonial Coatings supported and performed repairs in accordance with MRRS-GT's for the Military Overhaul Center then located in Stratford, CT., by removing, replacing existing discrepant coating and/or surfaces and returning component parts back to their original blueprint dimensional requirements employing vendor assists on the machining requirements. This typical repair procedure has been an ongoing effort in the support of spare parts and damaged components to date.

Colonial Coatings continues to provide coating services on AGT 1500 component parts for spares, repair and overhaul. We are a recommended supplier by Allied Signal/Honeywell and have a proven record of quality, delivery and competitive pricing. Colonial Coatings is prepared to take your requirements into the next millennium.

## APPROVALS

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ALLIED SIGNAL AEROSPACE	24996
U.S.GOVERNMENT	8Z548
TEXTRON LYCOMING	20581

## SPECIFICATIONS

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91547-P6405-M3951	NICKEL ALUMINUM
91547-P6405-M3952	NICKEL ALUMINIDE
91547-P6405-M3953	MOLYBDENUM
91547-P6405-M3954	TUNGSTEN CARBIDE
91547-P6405-M3955	POLYESTER ALUMINUM
91547-P6405-M3956	NICKEL-CHROMIUM/ALUMINUM COMPOSITE
91547-P6405-M3960	NICKEL-CHROMIUM, ALUMINUM, YTTRIUM
91547-P6405-M3961	MOLYBDENUM-NICKEL-ALUMINUM
91547-P6405-M3962	SILICON ALUMINUM
91547-P6405-M3964	POLYESTER-ALUMINUM BRONZE
91547-P6405-M3965	CHROMIUM CARBIDE PLUS NICKEL CHROMIUM
91547-P6405-M3966	ZIRCONIUM, YTTRIA STABILIZED
91547-P6405-M3968	ZIRCONIUM OXIDE, PRESTABILIZED
91547-P6405-M3972	NICKEL,CHROMIUM,ALUMINUM,YTTRIUM
91547-P6405-M3973	ALUMINUM OXIDE
91547-P6405-M3975	TUNGSTEN CARBIDE COMPOSITE
91547-P6405-M3976	NICKEL-CHROMIUM, ALUMINUM, MOLYBDENUM
91547-P6405-M3978	ZIRCONIUM, OXIDE, PRESTABILIZED