



# MANUFACTURING / DER SERVICES



## Coating Products, Materials, Applications

### CeralUSA

CeralUSA manufactured coating products and materials are designed and engineered to be environmentally friendly. Engineering and consulting services are available for product support and new product development.

- ✓ Superior Coating and Erosion Protection
- ✓ OEM Approved Coatings Alternatives
- ✓ Custom Colors with High Heat Resistance
- ✓ Chrome-like Finish Minus the Carcinogen
- ✓ Ceramic Aluminum Coatings provide galvanic corrosion resistance and oxidation resistance in an ultra smooth and lightweight coating.
- ✓ Topcoats and Sealers work with ceramic aluminum coatings to reduce porosity and improve surface finish.
- ✓ Diffusion Coatings provide exceptional oxidation and sulfidation protection.

CeralUSA was built on a foundation of logic and environmental principles and is committed to the identification, development and distribution of protective coatings that are safer for workers and for the environment.

Description	P&W Designation	Description	P&W Designation
Ceral 34	CPW 731	Ceral 114	PWA 595-3
Ceral 50	CPW 732-1	Ceral VPW 350/1	PWA 561-3
Ceral 50 Part II	CPW 732-2		
Ceral 10 Green	PWA 596		



## AVIONICS • COMPONENTS • ENGINES • MANUFACTURING / DER



### Inventory Supported

Maintenance • Repair • Overhaul

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### Precision Aviation Group

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## Qualified Coating Services (QCS)

Qualified Coating Services (QCS) specializes in the application of corrosion and erosion resistant aluminum slurry coatings, primarily for compressor section applications.

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Process	P&W Designation	Description
Cleaning	SPOP 19 SPOP 208 SPOP 209 SPOP 500	Plastic Grit Blast Solvent Wipe Aqueous Degreasing Glass bead burnishing
Coating Removal	SPOP 21 SPOP 25 SPOP 203 SPOP 258	Cadmium Plating Removal Nickel-Cadmium Plating Removal Aluminum Coating Removal – Long Soak Removal of Aluminum Coatings (PWA 77, 110, 578, and 36252)
Surface Preparation	SPOP 218	Dry Abrasive, Aluminum Oxide Grit Blast
Coating Application	PWA 110/595 (SPOP 147, SPOP 162, 70-41-04 Repair-00, 70-41-04 Repair-01)	Application of Ceral 114 Base Coat & Ceral VPW 350/1 Top Coat
Coating Application	CPW 420, CPW 731, CPW 732, 70-41-06 Repair-01 70-41-06 Repair-02W	Application of Ceral 34 Base Coat & Ceral 50 Top Coat
Touch-up	SPOP 144	Touch-up for Nickel-Cadmium, PWA 110, PWA 595, PWA 36252, and PWA 36595
Surface Treatments	SPOP 150 SPOP 160, PWA 474 SPOP 500 Xylan	Graphite Varnish Antiscuffing Treatment Antigallant Compound Glass Bead Peening, Stress Relief Antifriction Coating

## Part of PAG's Manufacturing / DER Services

Others sell parts, **WE SELL SUPPORT®**

PAG a full-service MRO and Component Support Specialists ready to serve you. In AOG situations, we can immediately dispatch an overhauled or new component from our inventory of 200,000+ line items, 24/365. Wherever and however you fly.