



## Engine Component Repair

The SIFCO Process<sup>®</sup> is an approved, portable method of selective plating that significantly reduces down time when you need nickel on localized areas for dimensional restoration or for a pre-braze coating. SIFCO ASC can provide flexible alternatives for your finishing requirements, whether you just have an occasional need or your operation involves a large volume of parts.

**AERONIKL<sup>®</sup> 250 • AERONIKL<sup>®</sup> 400 • AERONIKL<sup>®</sup> 575**

This sulfamate nickel family provides a range of hardness levels for your demanding applications.

**NICKEL TUNGSTEN 5711**

Ni-W is the perfect green alternative to chromium for repair and OEM applications that require exceptionally hard surfaces.

**AEROSHIELD 4025**

Our machinable CoCr3C2 Metal Matrix deposit offers superior wear resistance and high temperature oxidation protection.

### SELECTIVE PLATING IS APPROVED FOR USE BY:

- ▶ Allied Signal      FP5107 Electroplating IAW Mil-Std 865C
- ▶ GE                      70-45-03 Standard Practice Manual
- ▶ Pratt & Whitney      SPOP 321 Brush Nickel Plating  
PWA 36960 Brush Nickel Plating  
PWA 36953 Brush Nickel Plating for Brazing  
POP 2195 Brush Plating per PWA 36953
- ▶ Rolls Royce            TSD 594-337  
RPS 652 Plating of Metals by Selective Brush Plating  
MPI/PROD/495/89 RB199LP Turbine Disc Repair
- ▶ SAE-AMS              AMS 2451 Plating, Brush General

### SIFCO ASC ADVANTAGES

- ▶ Portable process for on-site repairs
- ▶ Minimal masking and disassembly
- ▶ Custom, engineered solutions
- ▶ Faster than other plating methods
- ▶ Increase service life and reliability of critical components
- ▶ Superior technical expertise
- ▶ Flexible and practical alternatives for surface enhancement
- ▶ Quality plating results

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