



Engine Component Repair

The SIFCO Process® 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 250 • AERONIKL 400 • AERONIKL 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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