



# PENAIR® M5704A

## Turbine Engine Gas Path Cleaner

### FEATURES/BENEFITS

#### Features

Micro emulsion

Water dilutable

QPL to MIL-PRF-85704C  
Type I

Meets with jet engine  
manufacturer approvals

#### Benefits

Restores engine power

Reduces operating EGT

Improves fuel economy

Reduces sulfidation

Non-corrosive to jet engines

Prolongs engine life

*Penair M5704A* is available in 6  
gallon pails, 55 gallon drums, totes  
and bulk deliveries.

### Description

*Penair M5704A* is a gas turbine engine cleaner specifically designed to improve the performance of aircraft turbine engines. Used at a 1:4 dilution ratio with fresh water, *Penair M5704A* forms a micro-emulsion which provides fast removal of accumulated dirt, oil residues and salt deposits from interior gas path surfaces. Rinsing with water after application leaves the gas path free of soils and protects turbine engines against sulfidation attack. *Penair M5704A* has been tested on titanium, brass, copper, magnesium, aluminum, sermetal W, steel and stainless steel without harmful side effects. It is safe for polymeric materials, such as silicone elastomers, epoxy adhesives and acrylic plastics when used as intended and as specified in MIL-PRF-85704C Type I.

### Directions for Use

- 1) Disconnect and cap required lines and fittings.
- 2) Fill a corrosion control cart with 5 gallons of *Penair M5704A* and 20 gallons of water. Mix.
- 3) Connect corrosion control cart to a 100 psi air source (charged nitrogen bottles may be used).
- 4) Motor the engine for 30 seconds while simultaneously spraying cleaning mixture into the compressor. Allow engine to coast to a complete stop. Repeat Step 3 until mixture is consumed.
- 5) Allow 10 minutes soak time before rinsing.
- 6) Add fresh water to the corrosion control cart. Windmill and rinse engine until water out of exhaust is clear.
- 7) After rinsing, windmill engine to blow excess solution from engine and dry.
- 8) Start engine and reconnect lines and fittings.

**IMPORTANT:** Before using *PENAIR M5704A*, always be sure to read and follow warnings and directions for use appearing on the product container label, MSDS and applicable current technical manual. (Apr04)

