

MILITARY SPECIFICATION AIRCRAFT CLEANER GENERAL INFORMATION

FLIGHT DECK

MIL-C 855706 TYPE II

MIL PRF 85570 TYPE II

FLIGHT DECK meets the following requirements specified by MIL-C 855706 Type II and meets the performance specifications of MIL PRF 85570 Type II. **FLIGHT DECK** is a concentrated, nontoxic, water based cleaner that thoroughly cleans, **FLIGHT DECK** has an approved pH that will not streak with proper rinsing. Safe on painted and unpainted surfaces. **FLIGHT DECK** is formulated with corrosion inhibitors that fight corrosion on all types of metal surfaces. Effective on salt coated areas and stable in hard water.

FLIGHT DECK is a non toxic cleaner with a pleasant, mild pine odor

FLIGHT DECK dilution rate of 60:1 gives you the economy you are looking for.

Because **FLIGHT DECK** is biodegradable, it can be used anywhere in all types of machinery and equipment.

FLIGHT DECK can be used in high water temperatures (218° F) or in cold water, has good hard water tolerance, and has a shelf life of 2 to 5 years.

FLIGHT DECK can be used in all types of machines, pressure washers, foaming pots, buckets with brushes, hand pads, in hot or cold water .

FLIGHT DECK is free rinsing and non streaking, it washes away quickly and leaves no film or residue.

Because **FLIGHT DECK** conforms to all military and civil air standards, it has to and does contain all the corrosion inhibitors and additives that will protect your aircraft metal surfaces long after washing has been completed.

Because **FLIGHT DECK** has a controlled pH factor and contains no aromatic solvents, it is considered to be safe with polyimide wiring, painted and unpainted surfaces , acrylic and other areas which other cleaners might damage.

FLIGHT DECK was also designed to be used on salt coated surfaces, exhaust trails, loose carbon, fingerprints, rubber marks, grease, hydraulic oil, bugs and air pollutants.

STANDARDS	TEST	RESULTS
1. Naval Air Development	MIL-C-855706	Conformed
2. A.P. Air	cleaning test	Superior Cleaning
3. Effective in pressure washer 60:1	cleaning test	Superior Cleaning
4. Effective in Foaming Pots 20:1	cleaning test	Superior Cleaning
5. Compatible with aircraft cleaning machines	cleaning test	Superior performance
6. Free Rinsing & non Streaking	cleaning test	Superior results
7. No lumps or Skins to plug washers	cleaning test	None
8. Toxicity	cleaning test	no danger
9. pH -No less than 7, no greater than 9	cleaning test	pH- 8.30
10. Viscosity	MIL-C-855706	Slightly Viscous
11. Biodegradability	MIL-C-855706	Conformed
12. Flash Point	MIL-C-855706	Non-flammable
13. Total immersion Corrosion in dilution	MIL-C-855706	Conformed
14. Compositional assurance	MIL-C-855706	Conformed
15. Sandwich Corrosion	MIL-C-855706	Conformed
16. Total immersion corrosion	MIL-C-855706	Conformed
17. Hydrogen Embrittlement	MIL-C-855706	Conformed
18. Effect on painted surfaces	MIL-C-855706	Conformed
19. Effect on unpainted surfaces	MIL-C-855706	Conformed
20. Effect on salt coated	MIL-C-855706	Conformed
21. Effect on Acrylic Plastics	MIL-C-855706	Conformed
22. Effect on Polyimide Wire	MIL-C-855706	Conformed
23. Abrasiveness	MIL-C-855706	Conformed
24. Accelerated storage ability	MIL-C-855706	Conformed
25. Low Temperature Stability	MIL-C-855706	Conformed
26. Hard water stability type I&II only	MIL-C-855706	Conformed
27. Storage Stability	MIL-C-855706	Conformed
28. Foaming Properties	MIL-C-855706	Conformed

29. Carbonaceous Soil removal	MIL-C-855706	Conformed
30. Cleaning Efficiency	MIL-C-855706	Conformed

BOEING STANDARDS:

1. Cleaning efficiency	Highest Standard
2. Carbonaceous Soil Removal	Excellent
3. Hard water Stability	Excellent
4. Storage Stability	Excellent
5. Foaming Properties	Good
6. Hydrogen embrittlement	Conformed
7. Paint softening	Conformed
8. Acrylic crazing	Conformed
9. Sandwich corrosion	Conformed

DOUGLAS STANDARDS:

1.pH	7.0 - 9.0
2. Free rinsing	Superior results
3. Toxicity	No Danger
4. Flash Point	Conformed
5. Effect on painted surfaces	Conformed
6. Residue Test	Conformed
7. Sandwich corrosion	Conformed
8.Stress crazing test on acrylic plastic	Conformed
9. Cadmium removal test	Conformed
10.Hydrogen embrittlement	Conformed
11. Compatible with aircraft cleaning machine	Superior Performance
12. Biodegradable	Meets all standards

