



February 16, 1999

Mr. Frank Poma  
President  
Micro-Surface Finishing Products, Inc.  
PO Box 818  
Wilton, IA 52761

Dear Mr. Poma,

One of your polish products, Micro-Gloss, was recently craze tested on materials used in F-16 transparencies. Your Micro-Gloss product was craze tested on bare acrylic, bare polycarbonate, and on coated polycarbonate. Bare acrylic is the most prevalent material in use today as the outer surface of F-16 transparencies. Bare acrylic is also the most difficult material for any polish or cleaner to pass craze testing on when tested under conditions simulating dry, hot environments.

Micro-Gloss was craze tested on the above materials in a dry oven at 200 degrees F and in a humidity chamber at 105 degrees F and 95% relative humidity. Coupons were tested according ASTM F791 standards and to USAF Specification 16ZK002F (Addendum 2), at stress levels of 2,000 and/or 3,000 psi as appropriate.

These tests were performed by this author under contract from OO-ALC, Hill AFB, UT. Results of these craze tests will be formally reported to the USAF by the end of March, 1999.

Micro-Gloss successfully passed all craze tests and will be recommended by this author for use as a daily polish/cleaner on the inside and outside surfaces of F-16 fighter aircraft.

Regards,

*William L. Early*  
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F-16 Transparency Product Manager  
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