




713 N. Main Street
Riverside, CA 92501
(714) 781-9724
FAX (714) 781-8264

ROLITE SUPRA 90 COMMERCIAL AIRCRAFT METAL POLISH

This product meets or exceeds
McDonnell Douglas Document
CSD-1 Type I & V.

Testing Completed June 22, 1990

Respectfully Submitted,


Bruce Klingler
AnaCon Laboratories

dw



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July 10, 1990

Product: Rolite Supra 90 Commercial Aircraft Metal Polish

Regarding: Tested for Conformance to McDonnell
 Douglas CSD-1 Type I & V.

Rolite Supra 90 Commercial Aircraft Metal Polish
 McDonnell Douglas CSD-1

G.1 Effects on Painted Surfaces (ASTM-F-502): ACCEPTED
 No softening or discoloration

G.2 Residue Test (ASTM-F-485):
 This test not applicable for product being tested as per
 A. J. Wendelbo of McDonnell Douglas.

G.3 Sandwich Corrosion: ACCEPTED

<u>* Panel ID</u>	<u>Rating</u>
*A	0
*B	0
*C	0
*D	0
*E	0
*F	0

* See attached for description.



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G.4 Stress Craze of Acrylic Plastic (ASTM-F-484): ACCEPTED
 Type C at 4,500 psi
 No cracking or crazing noted

G.5 Immersion Corrosion (ASTM-F-483): ACCEPTED
 Aluminum alloy 7075-T6 Clad per QQ-A-250/13 Temp. 6
 weight loss average of six (6) panels 0.1 mg/24 hours

G.6 Cadmium Removal: ACCEPTED
 4130 steel per MIL-S-18729
 Porous Cadmium Plate.
 weight loss average of six (6) panels 0.0002 mg

G.7 Hydrogen Embrittlement (ASTM-F-519 Type 1c): ACCEPTED
 Stressed to 45 % of tensile load.
 No failure after 150 hours
 Penetrant inspection revealed no cracks

Respectfully Submitted,

Steve Hight
 Analyst
 AnaCon Laboratories



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SANDWICH CORROSION TEST PANELS CSD NO. 1

- (A) Six each - Aluminum alloy panels P/N 7452876-7 (nonclad 2024-T3) Federal Specification QQ-A-250/4 Temp-T3, Alodined (colorless # 1000 or 1500) per Military Specification MIL-C-5541 Class 3.
- (B) Six each - Aluminum alloy panels P/N 7452876-9 (nonclad 2024-T3) Federal Specification QQ-A-250/4 Temp-T3, Chromic acid anodized per Military Specification MIL-A-8625 Type 1.
- (C) Six each - Aluminum alloy panels P/N 7452876-11 (clad 2024-T3) Federal Specification QQ-A-250/5 Temp-T3, Alodined (colorless # 1000 or 1500) per Military Specification MIL-C-5541 Class 3.
- (D) Six each - Aluminum alloy panels P/N 7452876-13 (clad 2024-T3) Federal Specification QQ-A-250/5 Temp-T3, Chromic acid anodized per Military Specification MIL-A-8625 Type 1.
- (E) Six each - Aluminum alloy panels P/N 7452876-15 (clad 7075-T6) Federal Specification QQ-A-250/13 Temp-T6, Alodined (colorless # 1000 or 1500) per Military Specification MIL-C-5541 Class 3.
- (F) Six each - Aluminum alloy panels P/N 7452876-17 (clad 7075-T6) Federal Specification QQ-A-250/13 Temp-T6, Chromic acid anodized per Military Specification MIL-A-8625 Type 1.