

WARNER ROBINS AIR LOGISTICS CENTER



2009 USAF Corrosion Conference

24 March 2009
Mr. Kenneth Percell

U.S. AIR FORCE

Integrity - Service - Excellence



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Substructure Deterioration



12/12/2011

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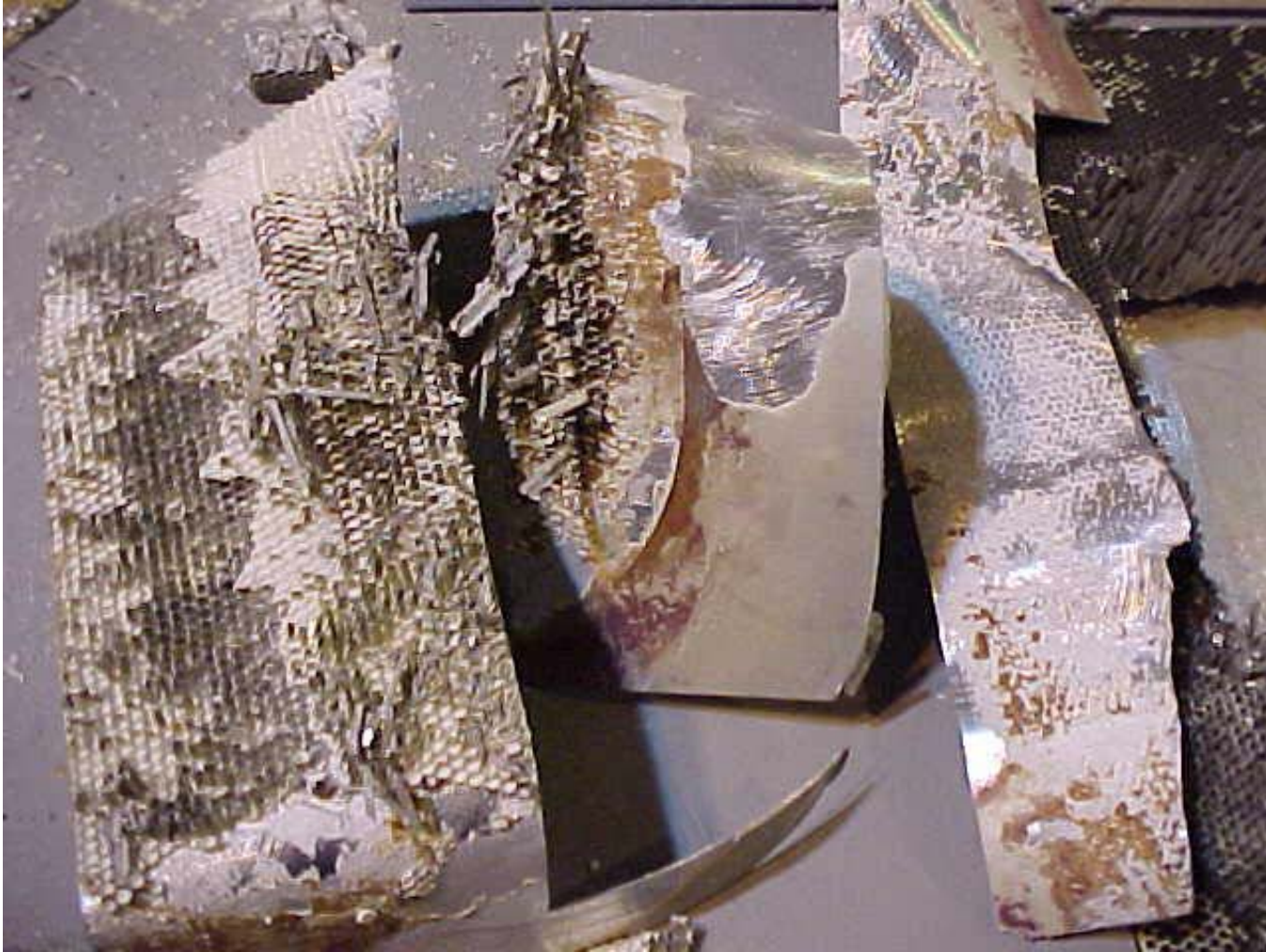
Substructure Deterioration Control





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C-5 Honeycomb Core



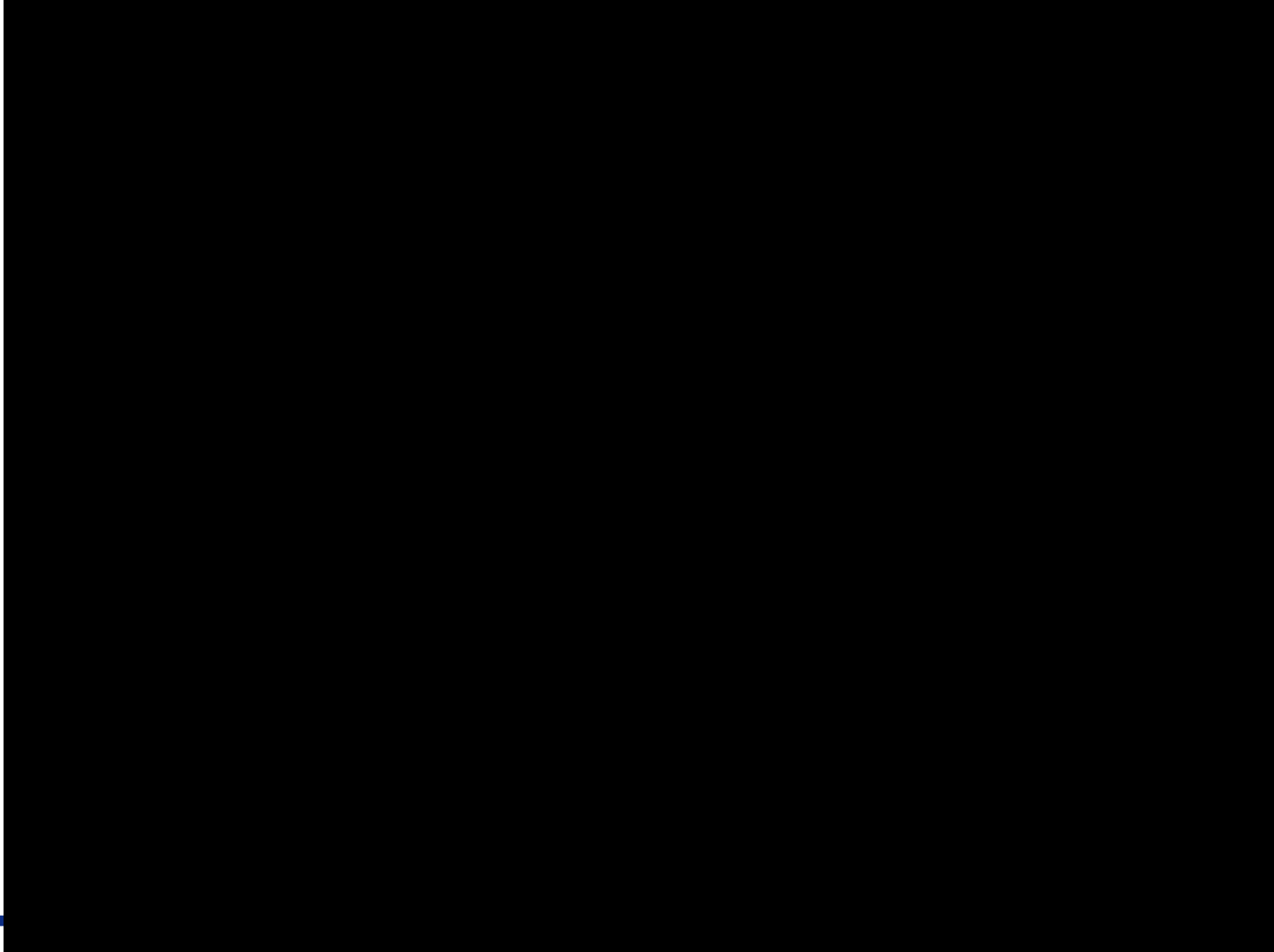
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C-5A 70-0445

FS 784 Left Frame



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C-5A 70-0455

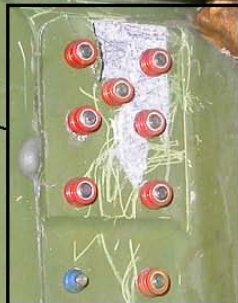
FS 804 Right Frame



2006-01-31
A/C: 70-455
107: 06-208
End Frame Caps @ LFS 784 & 804

Corrosion @ RFS 804

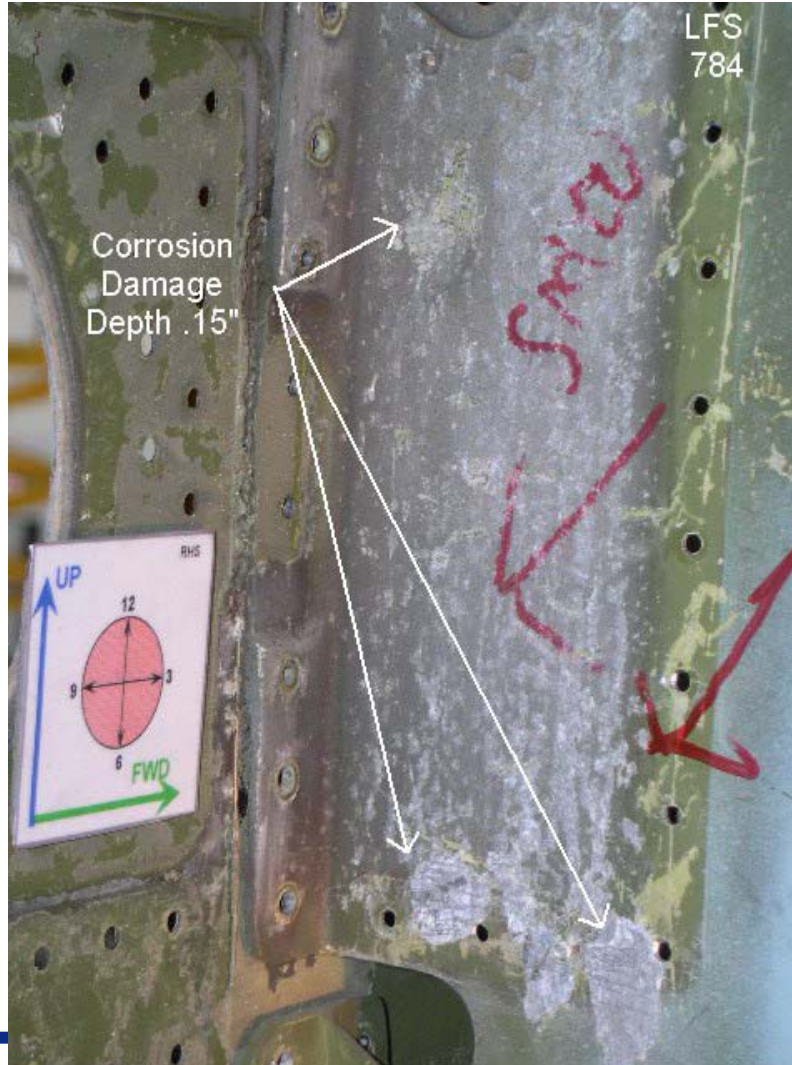
LFS
804 R





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C-5A 70-0464 FS 804 Left Frame



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C-5A 69-0012

FS 804 Right Frame



2006-08-16
69-0012
Corrosion at FS 804 (Right Side)



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C-5A 69-0005

Doubler @ Power Receptacle



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C-5A 70-0449

Corrosion at Pitot Static Tube Mounting Location



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C-5A 68-0219

Fuselage Skin Corrosion @ NLG Door Rt Fwd Pedestal

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Stop



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C-5A 68-0220 Troop Latrine Floor





C-5A 69-0022



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Integrally Stiffened Bonded Floor Panel



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C-5B 85-0003

Right Side Horizontal Stab.

Pivot Pin



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C-141B 64-0621
Upper Wing Panel Corrosion @
WS 77.7 Joint



C-141B 64-0621

Upper Wing Panel Corrosion @ WS 77.7 Joint



C-141B 64-0621

Upper Wing Panel Corrosion @ WS 77.7 Joint



C-141B 64-0621

Upper Wing Panel Corrosion @ WS 77.7 Joint





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C-141B 66-0191

Stringer 54, WL 133



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C-130 Wing Flap Corroded Spar and Ribs

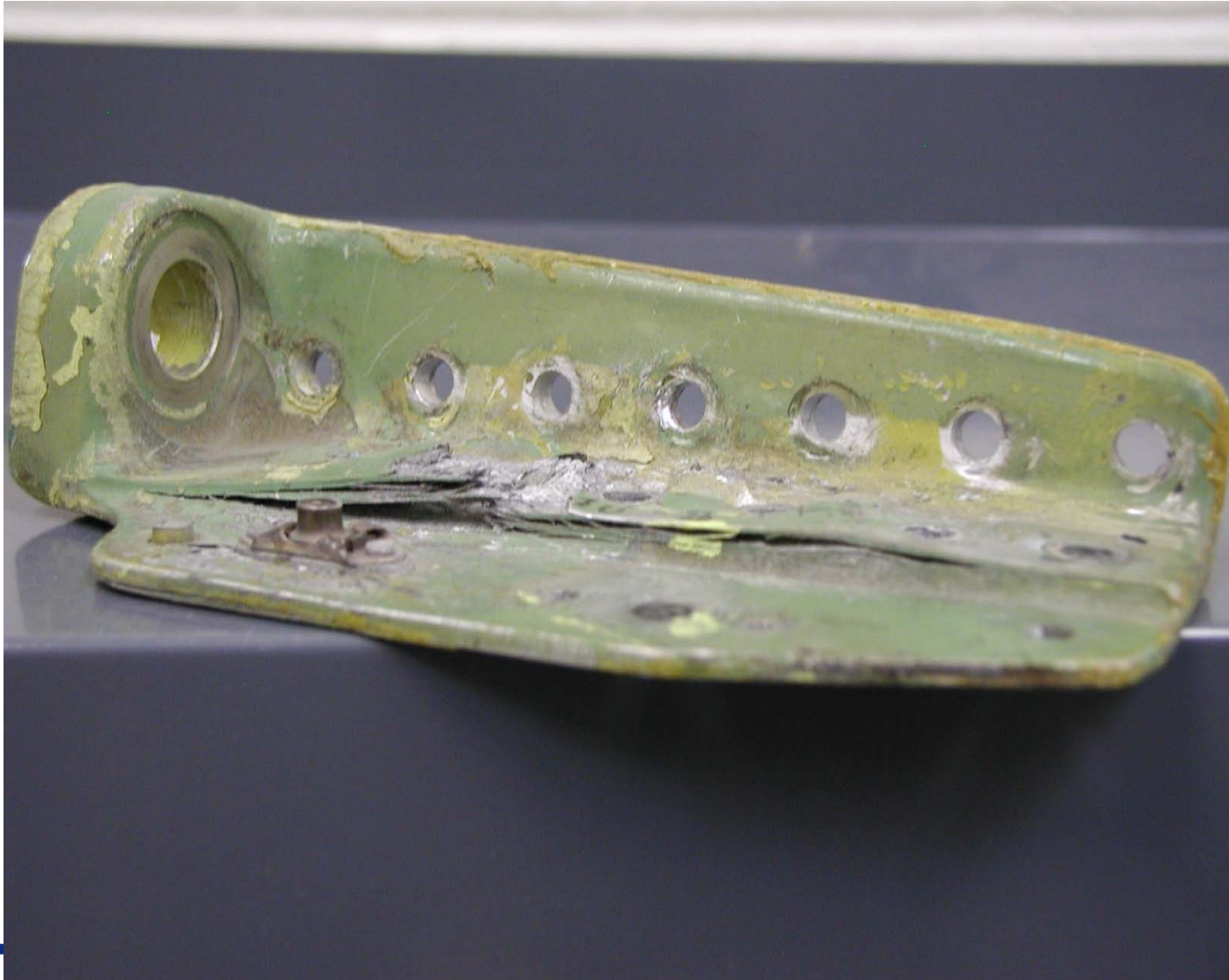


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C-5 End Fitting



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F-15 Wing Pylon Rib

Small pitting leads to cracking!



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F-15 Surge Box Coating Breakdown



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