

REAR SPAR - WING CENTER TANK

CW-1021	CW-1022	CW-1023
Z-2772	C-2372	Z-2814
GREEN	GREEN	GREEN

CW-1021 is the stiffener at LBL 85.
CW-1022 is the stiffener at RBL 21.
CW-1023 is the stiffener at RBL 46.

The stiffeners are all complete except the stiffener at RBL 46 which is missing the top fasteners which would be common to the upper spar chord. The stiffener at RBL 46 is bowed slightly outbd. The stiffener at RBL 21 is bowed slightly inbd and the stiffener at LBL 85 is bowed slightly fwd and inbd. The lower 2/3 of the remaining fasteners in the stiffener at RBL 46 indicate fastener shear failures. The few remaining fasteners in the stiffener at RBL 21 indicate primarily fastener tension failures. There are indications of shear and tension fastener failures in the stiffener at LBL 85. There are systems brackets still attached to all three stiffeners and also wiring still attached to the stiffener at LBL 85.

Of the three stiffeners, the two at RBL 46 and 21 exhibit similar sooting patterns in that the aft sides of the stiffener show moderate levels of soot and both have soot patterns on the surface common to the web at a location approximately 12" from the top of the stiffener. The stiffener at LBL 85 shows moderate soot levels that are greater toward the lower end of the stiffener. See Fire and Explosion Group notes for complete description.

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REAR SPAR - WING CENTER SECTION

A. REIMER
10/19/96

CW-1022

C-2372
GREEN

RBL 21

COMPLETE STIFF, 48" LONG,
SLIGHT BOW OUT'D AT MID
LENGTH - LATERAL. BRACKET
AT 26" FROM TOP HAS HEAVY
SOOT, STIFF HAS MEDIUM SOOT
EXCEPT AT FAH SURFACE, 7TH
BOLT FROM TOP HAS BURN/CORROS
PRODUCTS,

CW-1023

Z-2814
GREEN

RBL 46

COMPLETE STIFF, 48" LONG,
SLIGHT BOW INB'D AT MID LENGTH,
STIFF HAS MEDIUM SOOT ALL OVER
INCL FAH SURFACE, TOP END HAS
SMALL METAL BREAK-OUT,