

LW-48

**Left Wing Upper Surface: Collection of Many Pieces.**

Many pieces of upper skin were placed on a grid on the floor representing the plan form of the upper left and wing. Pieces were located, based on skin thickness and stringer and spar chord geometry. Existence of spars and stringers is evidenced by fastener hole patterns, as well as residue left from adhesive, and other marks. Many of the pieces were located on the grid based on inconclusive location data. The result, though, helps to identify how much of the skin has been recovered, as well as typical deformation shapes.

The skin pieces range in size from as small as a few inches in diameter to as long as 8 to 10 feet in length (locations of larger pieces is more conclusive than smaller).

Most pieces have curvature with the upper exterior surface on the concave side. Some have curvature with the interior surface on the concave side. Curvature, in most cases is about an axis that is perpendicular to the stringer direction.

Surfaces are clean from soot on both sides.

Stringers are generally disconnected from the skin pieces. In some cases, portions of stringer attachment flanges are connected, with the stringer web fractured at the base. Much of the front, mid, and rear spar chord attachment flanges are still attached, with the upstanding webs fractured at the base. Fracture faces through the skin have varied levels of jaggedness as well as fracture face angles and roughness.

*Levi L...* - POLJWC  
10-3-96

SDGREEN - MPA  
11-17-96  
Dennis Hartney - TAM  
11/19/96

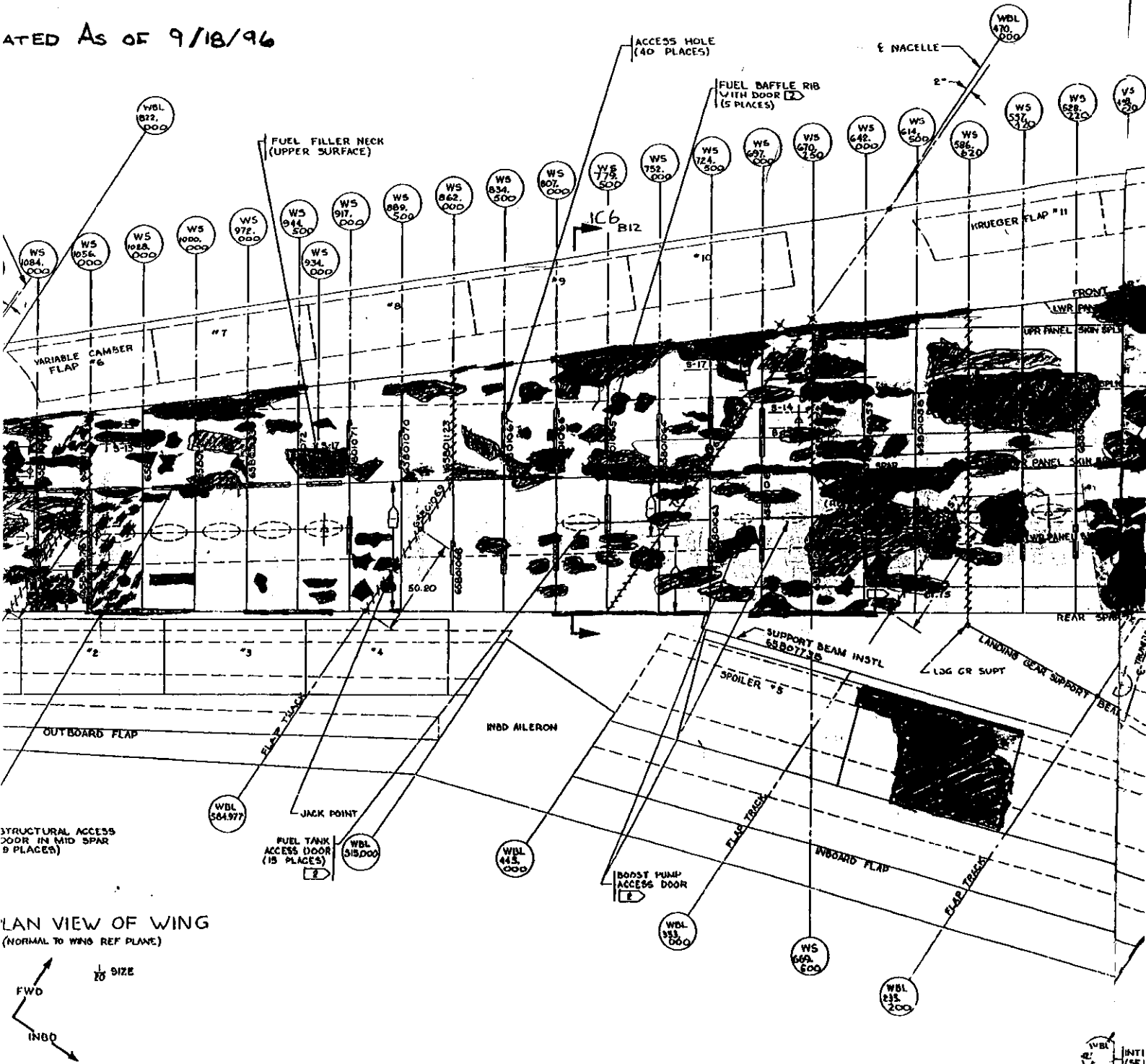
STEPHANE KLAWANSKI - TAM  
10/28/96

Tweaking  
10/13/96 - TWA

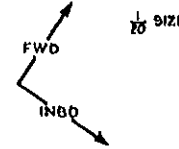
NISB

LW48

DATED As of 9/18/96



PLAN VIEW OF WING (NORMAL TO WING REF PLANE)



FR 25-0-79

65B00012

