

REAR SPAR - WING CENTER TANK

CW-1008	CW-1013	CW-1015
C-1051	C-2284	Z-2652
GREEN	GREEN	GREEN

These segments are the outboard leg of the left hand rear spar pickle fork fitting near the side of body and also the center section portion of the left hand rear spar terminal fitting and center section web adjacent to the fitting.

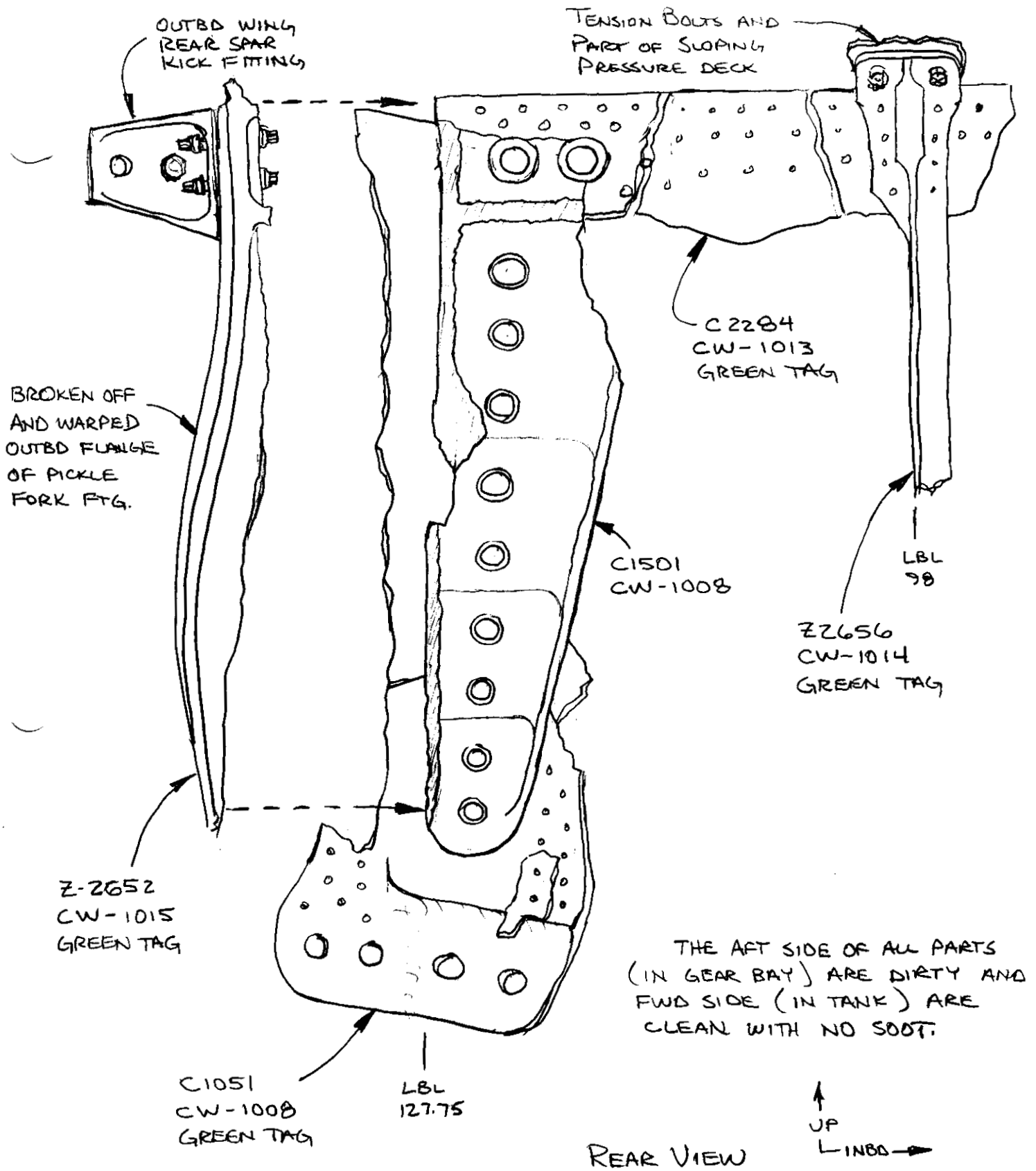
The terminal fitting on CW-1008 is fractured on the inbd side at approximately the inboard edge of the pickle fork. The 12" portion of the CW-1013 web is common to the upper spar chord and extends inbd from the two 1.125" diameter bolts common to the pickle fork and the web. All of the fasteners common to this web and the upper spar chord are intact. The eleven 1.125" diameter fasteners common to the pickle fork and terminal fitting on CW-1008 remain intact. The outboard aft flange of the pickle fork (CW-1015) was broken from CW-1008 by rotating CW-1015 ~~inboard~~*. The fracture is primarily down the fillet radius between the two portions of the fitting. The lower spar chord is missing from the attachment to the terminal fitting on CW-1008 and there are no fasteners in the hole. The holes in the terminal fitting show deformation down and inbd. There are marks on the outbd side of the fail-safe strap on CW-1015 that are coincident with the fastener locations on the adjacent outboard wing segment and impact damage and drag marks on the outboard wing segment that indicate contact and relative movement between the two parts. The center section components moved aft relative to the outbd wing.

The aft side of all the parts are dirty and the forward side of all of the components (fuel tank side) are clean with no soot. See Fire and Explosion Group notes for complete description.

* counterclockwise in the
plan view SDG

D. M. H. 12-6-96 TWA
R. Beachitt, JAM 12-6-96

SD GREEN ALPA 12-7-96
Stephen F. Klapp, HTR 12-09-96 FAA
CR Remier 12/12/96 BOEING



PORTIONS OF LEFT REAR SPAR PICKLE FORK AND LBL 98 STIFFENER

W. Stewart 9/17/96