

Left Wing Gear Assembly

Log Number LG2
Debris Field Green
Target Number C877
Coordinates:
 Latitude _____
 Longitude _____

Left wing gear assembly is not attached to trunnion fittings.

Some hydraulic lines remain attached.

Some wiring remains attached.

Downlock bungee is not attached to gear assembly.

Inboard jury strut link is unattached to side strut and unattached to outboard jury strut. Outboard jury strut link is attached to outer cylinder.

All brake rods failed as shown on illustration.

Aft outboard axle failed 8.5 inches from gear beam centerline.

Retract stabilizing arms were bent as shown on illustration. Aft stabilizing arm outboard section is unattached to gear assembly. See illustration.

Aft outboard tire, inner hub, outer hub, brake assembly, and outer portion of axle not attached to gear assembly. Axle failed 8.5 inches from gear beam centerline.

Forward outboard tire has cuts.

Inboard forward tire, inner hub, outer hub, and outer two-thirds of brake pads and rotors not attached to gear assembly.

Inboard aft tire, inner hub, outer hub, and brake assembly not attached to gear assembly.

General scratching through paint layer only. No visible signs of soot.

TWA-REPHLO
11-20-96

11-25-96 Stephen F. Klupac II 5N FAN

R Busch 12-6-96 JAM

D. Arthur BOEING 12/18/96

50 GREEN/ALPA 01-20-97

LEFT WING GEAR
 171 IPC 32-11-01-01, FIG 1, SH 1
 GREEN TAG C877

3.5 IN FWD DEFLECTION
 90 103

NOT ATTACHED TO GEAR ASSEMBLY

NOT ATTACHED TO GEAR ASSY

4 IN DEFLECTION

LINK UPPER SURFACE TWIST 20° FWD AT OUTBOARD LUG. TWIST IS GRADUAL FULL LENGTH 4 IN FWD DEFLECTION

NOT ATTACHED TO GEAR ASSY

175 TIRE, INNER HUB, 176 OUTER HUB, BRAKE ASSY, 177 NOT ATTACHED 178 179

DOWN LOCK ACTUATOR FAILED 4 IN ABOVE LOWER ATTACH

AXLE FAILED 8.5 IN FROM AXLE BEAM C.

TIRE, INNER HUB, OUTER HUB, BRAKE ASSY, NOT ATTACHED

TIRE, OUTER HUB, 2/3 OF BRAKE PADS, AND ROTORS NOT ATTACHED

FWD

58 62

22 INBOARD AFT BRAKE ROD FAILED AT FWD LUG

FWD OUTBOARD ROD CRACKED AT MIDPOINT PRE-AFT

OUTBOARD AFT BRAKE ROD FAILED 9.5 IN AFT OF FWD ATTACH POINT

TWA-REPHLD 11-3-96

