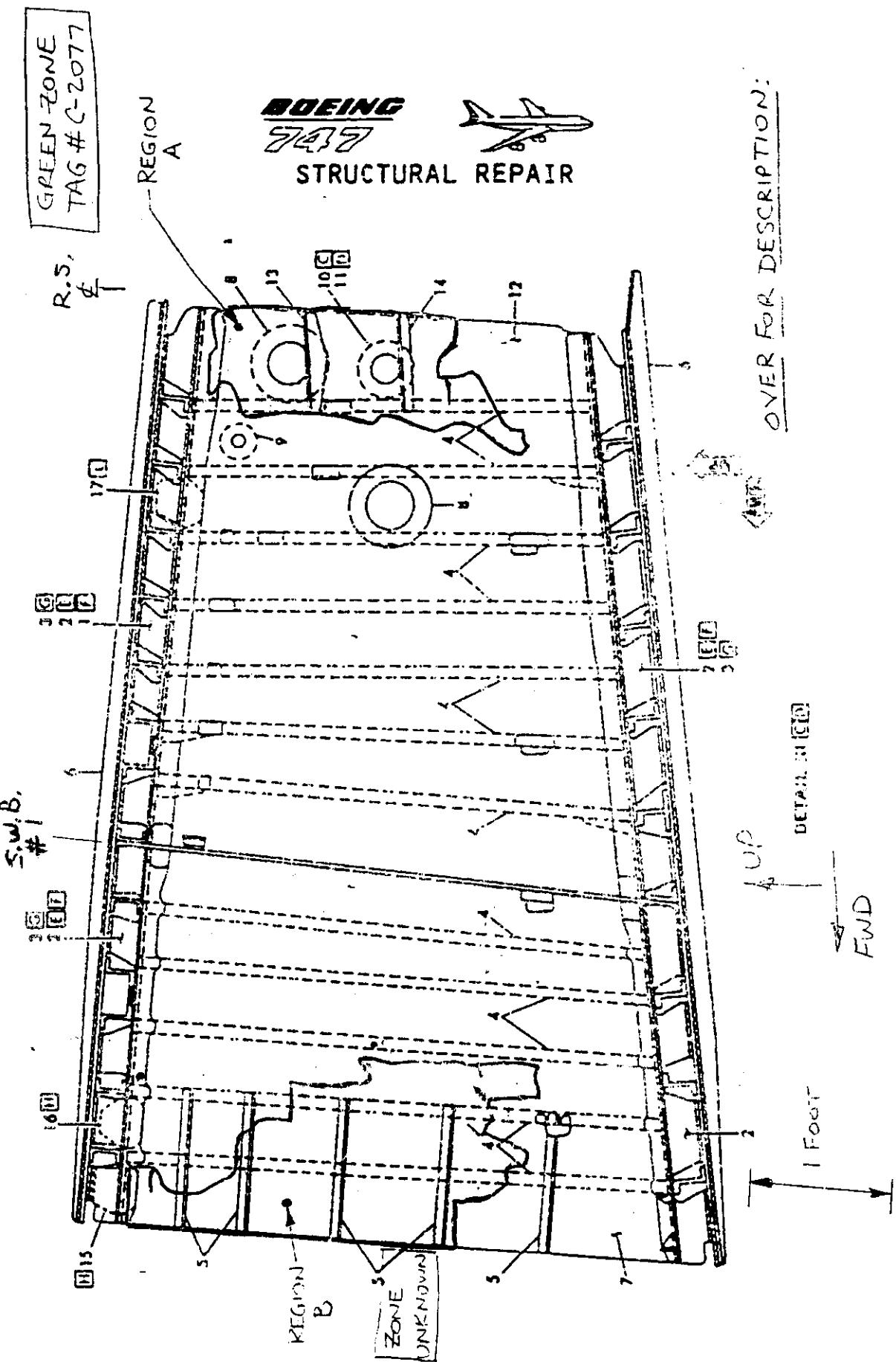


BL0 RIB

B. HOCKING
8/23/96



Wing Center Section Structure Identification
Figure 2 (Sheet 8)

57-10-02
Page 18G
Sep 15/81

REG: JN A

- 1) FWD FRACTURE SURFACE SHOWS INDICATION OF CHARRING & POSSIBLY HEAT DAMAGE.
- 2) FWD, LWR, LEFT HAND SURFACE, CHARRED
- 3) PIPE CLAMP ON UPPER HORIZONTAL STIFFENER IS STILL ATTACHED BUT IS IN TWO PIECE, EACH ONE SHOWING HEAT DAMAGE (MELTING). PIPE CLAMP ON LWR HORIZ. STIFF IS MISSING.
- 4) THE VERTICAL CHORD AT THE REAR SPAR EDGE OF THE PANEL IS STIFF ATTACHED TO THE PANEL (FWD/AFT FLANGE ONLY)
- 5) THE RIGHT HAND SURFACE OF THE PANEL IS CONSIDERABLY CHARRED
- 6) THE LWR FRACTURE SURFACE IS CHARRED & SHOWS APPARENT HEAT DAMAGE
- 7) FWD STIFFENER LEG WHICH REMAINS ATTACHED
- 8) PANEL IS BOWED TOWARD THE RIGHT HAND SIDE.
(CONVEX TO THE RIGHT)

REGION B

- 1) PANEL SHOWS CHARRING ON BOTH LEFT & RIGHT HAND SIDES.
- 2) THE TWO UPPER HORIZONTAL STIFFENERS TERMINATE AT THEIR AFT END AT THE EDGE OF PANEL AS DRAWN. THE TWO LOWER HORIZONTAL STIFFENERS REMAIN COMPLETE.
- 3) PORTIONS OF VERTICAL STIFFENERS REMAIN ATTACHED ON RIGHT HAND SIDE OF PANEL EXTENT OF THE PANEL
- 4) PANEL IS BOWED TO THE RIGHT HAND SIDE (CONVEX TO THE RIGHT), THE BOWING BECOMES MORE OF A "BEND" AT THE TOP. ALSO, A PART OF THE LOWER EDGE (MID PANEL) IS BENT TOWARD THE LEFT AND UPWARD.
 → THE FWD/AFT LEGS OF THE ATTACHMENT CHORD OF THE MID-SPAR BULKHEAD REMAINS ATTACHED TO THE PANEL ALONG THE LENGTH INDICATED.

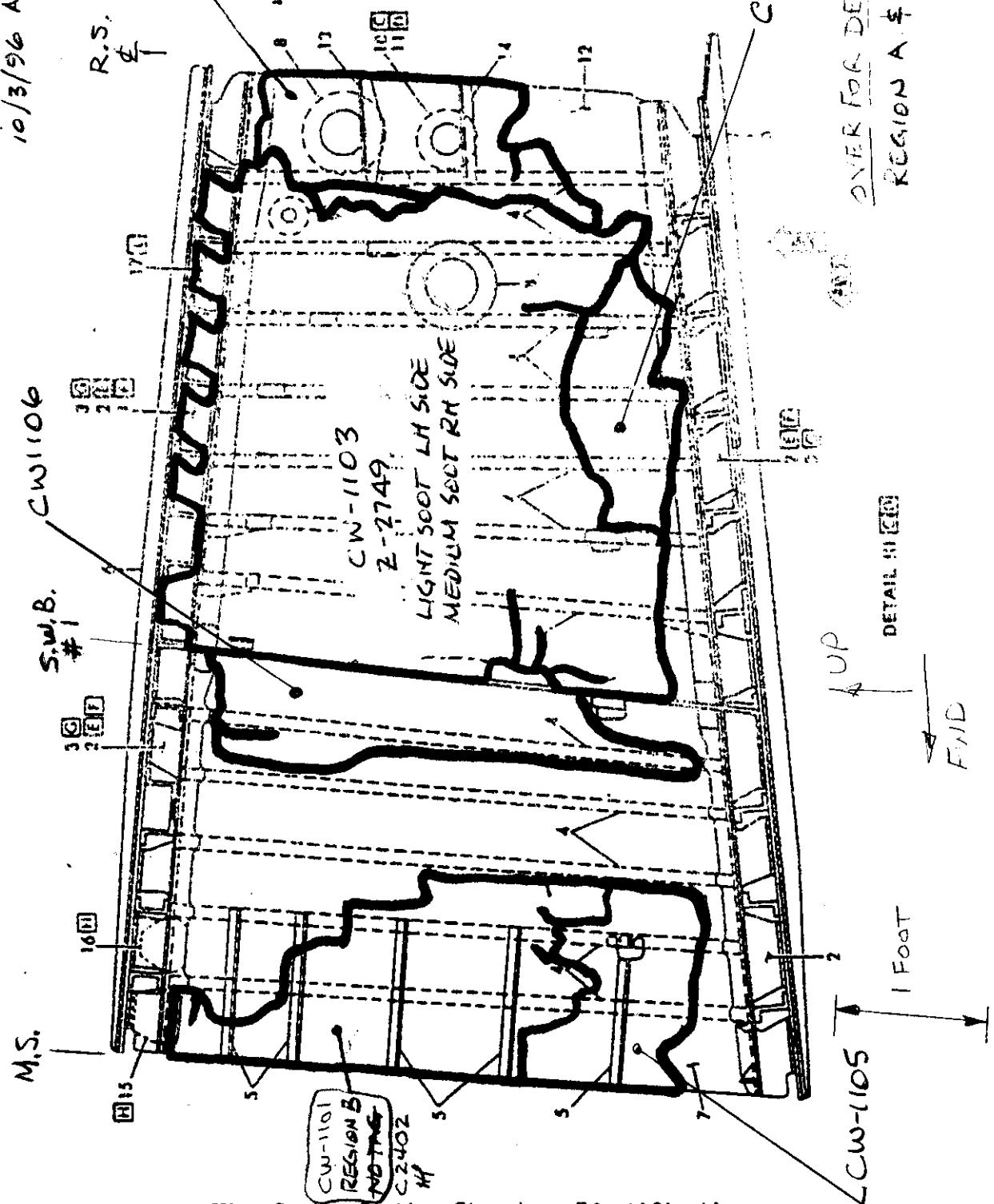
B. HOCKING
8/23/96
10/3/96 A.R.

CW-1102
REGION A
GREEN TAC
C-2077

BOEING
747-200

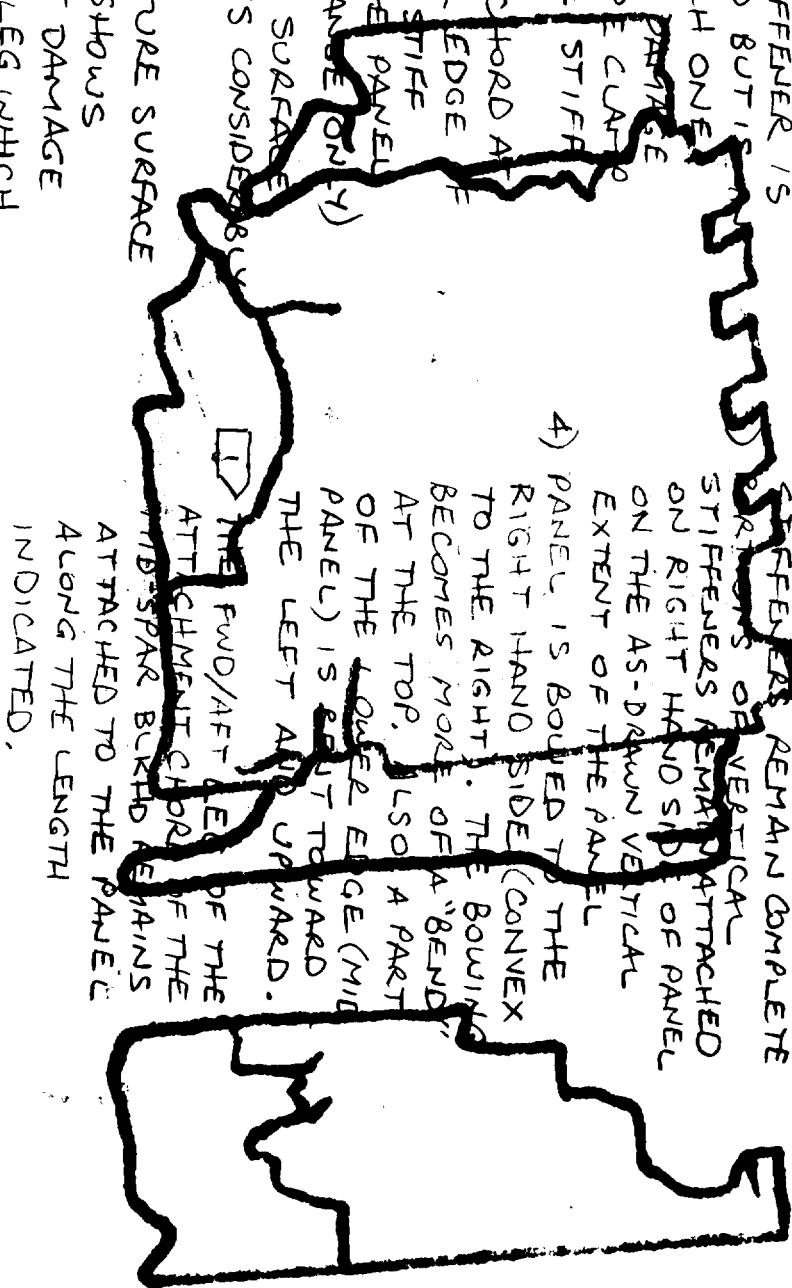


STRUCTURAL REPAIR



REGION A

- 1) FWD FRACTURE SURFACE SHOWS INDICATION OF CHARRING & POSSIBLY HEAT DAMAGE.
- 2) FWD, LWR, LEFT HAND SURFACE CHARRED
- 3) PIPE CLAMP ON UPPER HORIZONTAL STIFFENER IS STILL ATTACHED BUT IS TWO PIECE, EACH ONE SHOWING HEAT (MELTING). PIPE CLAMP ON LWR HORIZ STIFF IS MISSING
- 4) THE VERTICAL CHORD AT THE REAR SPAR THE PANEL IS STIFF ATTACHED TO THE PANEL (FWD/AFT FLANGE ONLY)
- 5) THE RIGHT HAND SURFACE OF THE PANEL IS CONSIDERABLY CHARRED
- 6) THE LWR FRACTURE SURFACE IS CHARRED & SHOWS APPARENT HEAT DAMAGE
- 7) FWD STIFFENER LEG WHICH ATTACHES TO THE PANEL REMAINS ATTACHED
- 8) PANEL IS BOWED TOWARD THE RIGHT HAND SIDE.
(CONVEX TO THE RIGHT)



REGION B

- 1) PANEL SHOWS CHARRING ON BOTH LEFT & RIGHT HAND SIDES.
- 2) THE TWO UPPER HORIZONTAL STIFFENERS TERMINATE AT THEIR AFT END AT THE EDGE OF PANEL AS DRAWN. THE TWO LOWER HORIZONTAL STIFFENERS REMAIN COMPLETE
- 3) PARTS OF VERTICAL STIFFENERS REMAIN ATTACHED ON RIGHT HAND SIDE OF PANEL EXTENT OF THE PANEL
- 4) PANEL IS BOWED TO THE RIGHT HAND SIDE (CONVEX TO THE RIGHT). THE BOWING BECOMES MORE OF A "BEND" AT THE TOP. ALSO A PART OF THE LOWER EDGE (MID PANEL) IS PULLED TOWARD THE LEFT AND UPWARD.