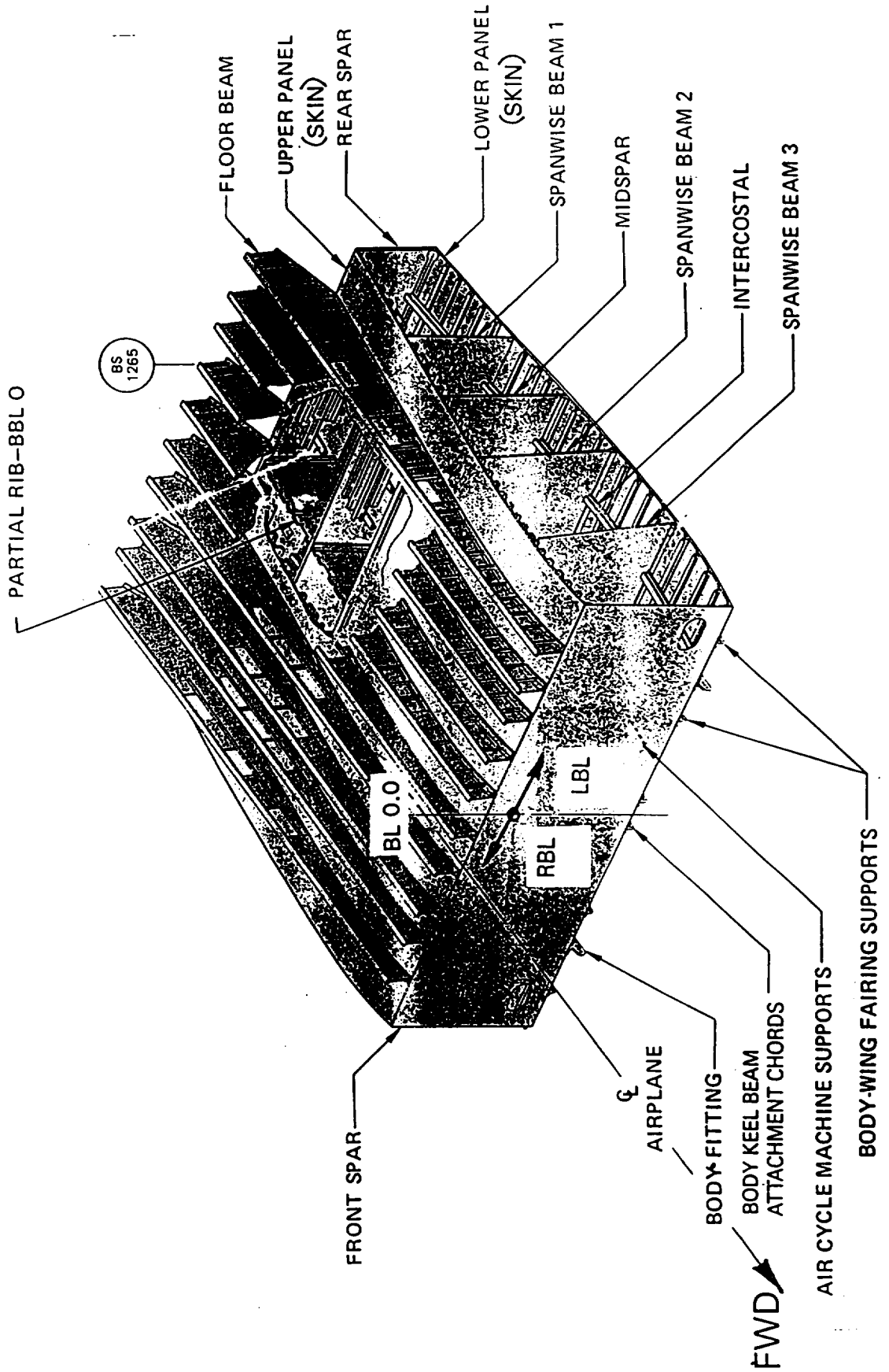
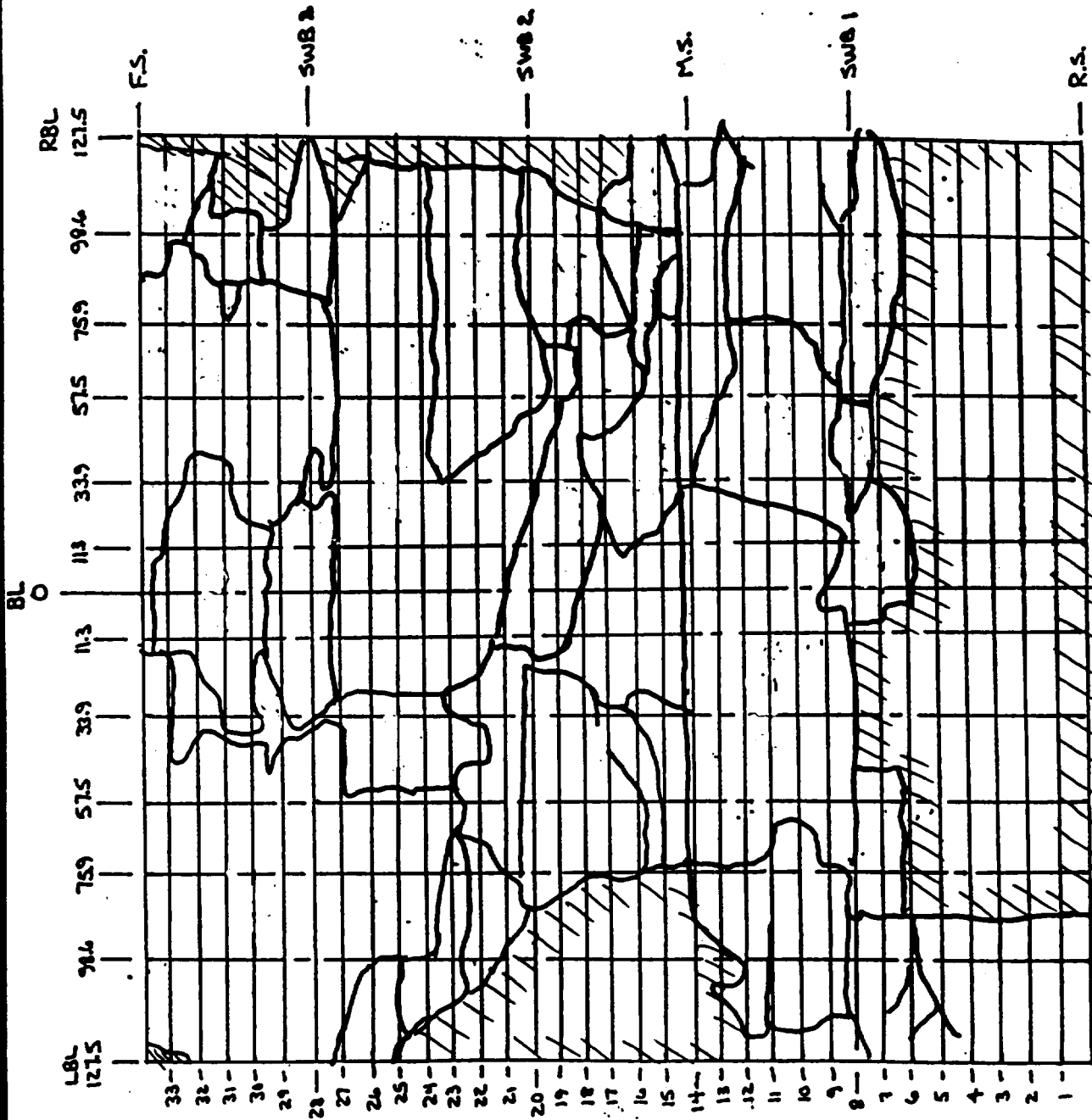


APPENDIX A

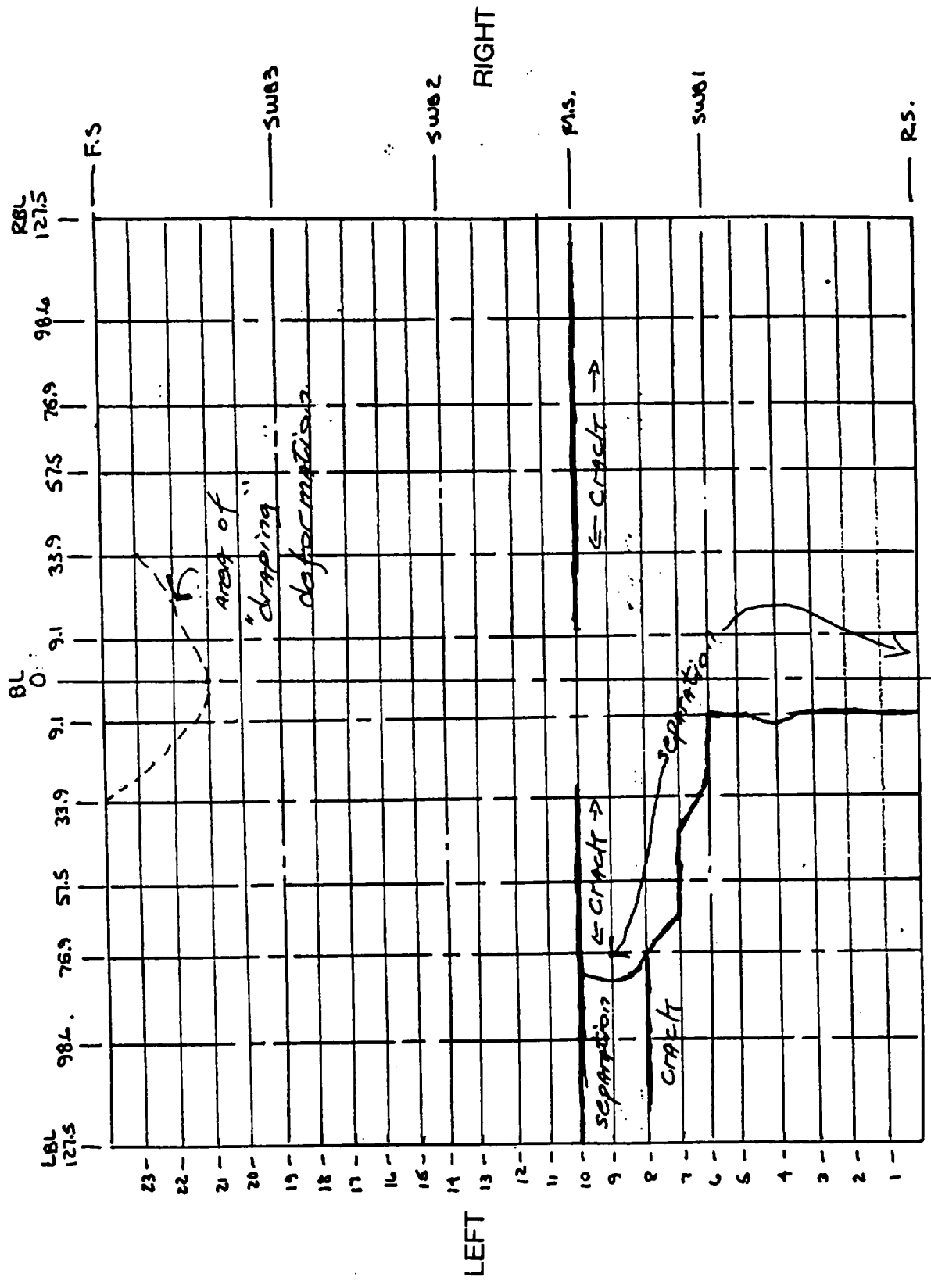
CENTER WING TANK - GENERAL CONFIGURATION



UPPER PANEL



LEFT



LOWER PANEL

TOP ATTACH POINT END OF WEB CRACK

F.S.

SWB#3

TOP MOVED 0/B 3 INCHES

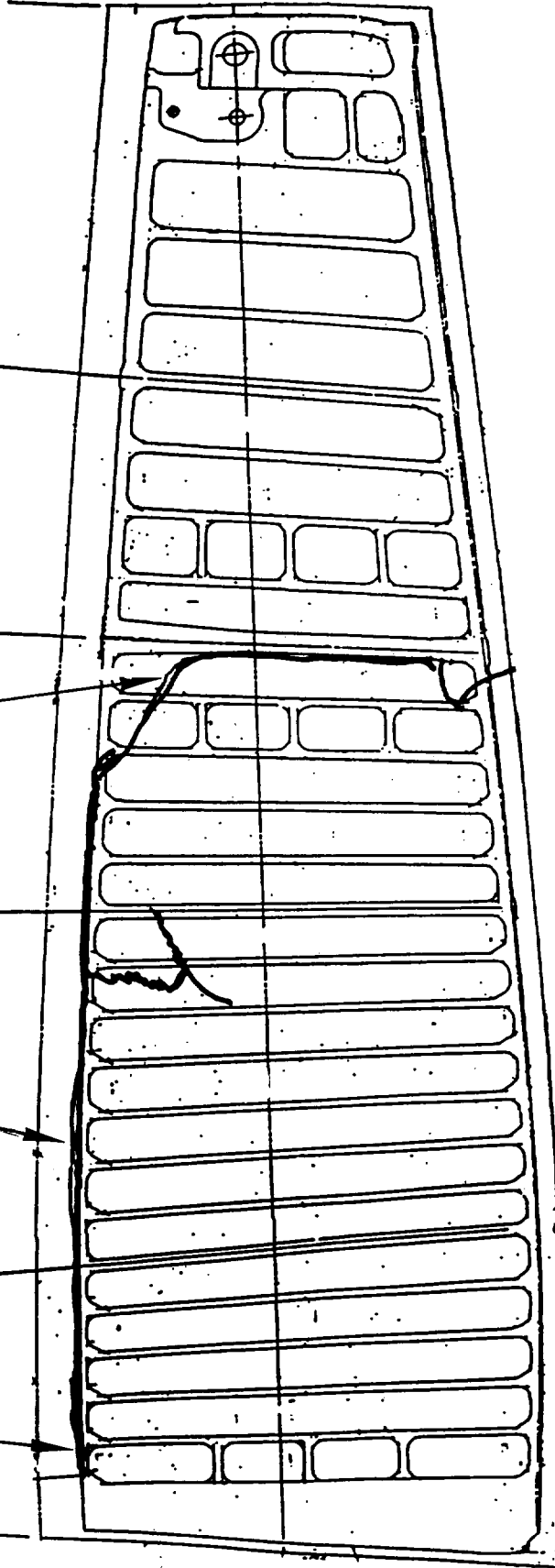
SWB#2

WEB MOVED 3 INCHES

M.S.

SWB#1

R.S.

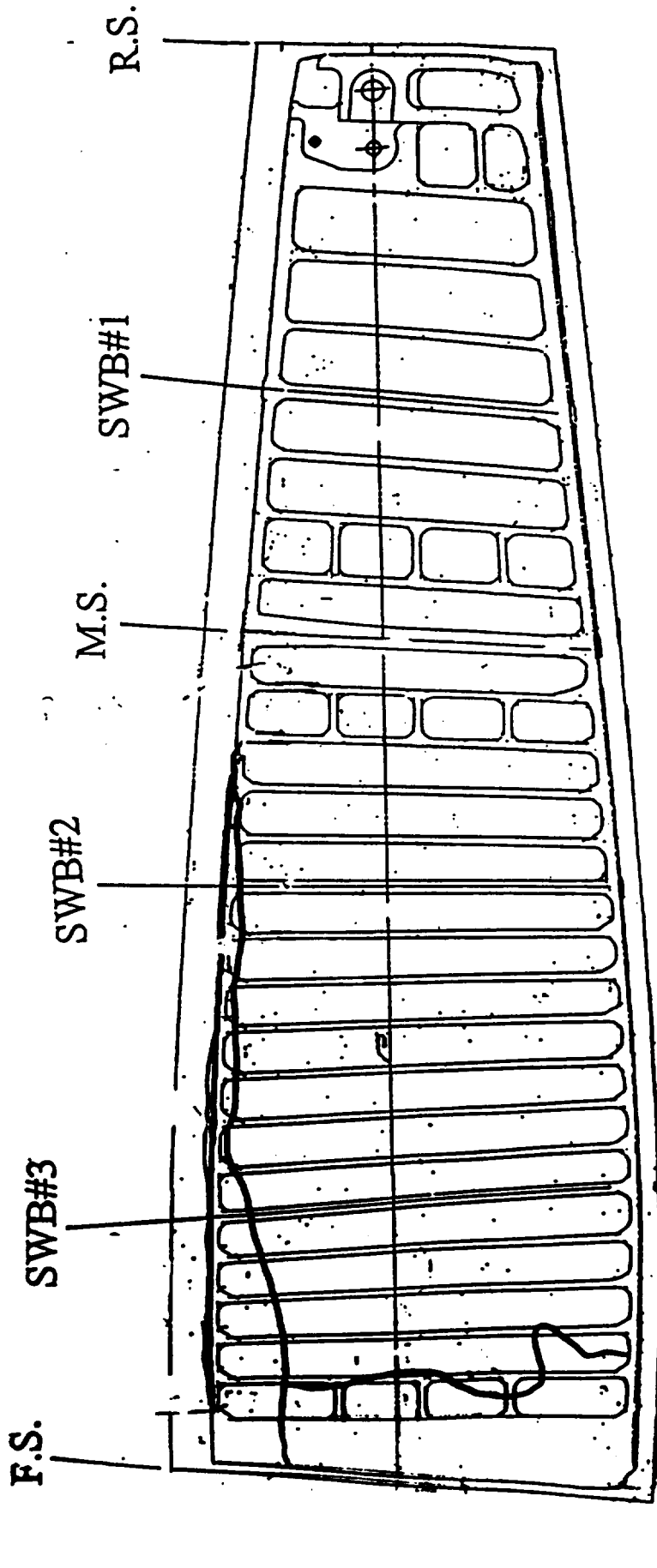


UP

FWD

OUTBOARD SIDE

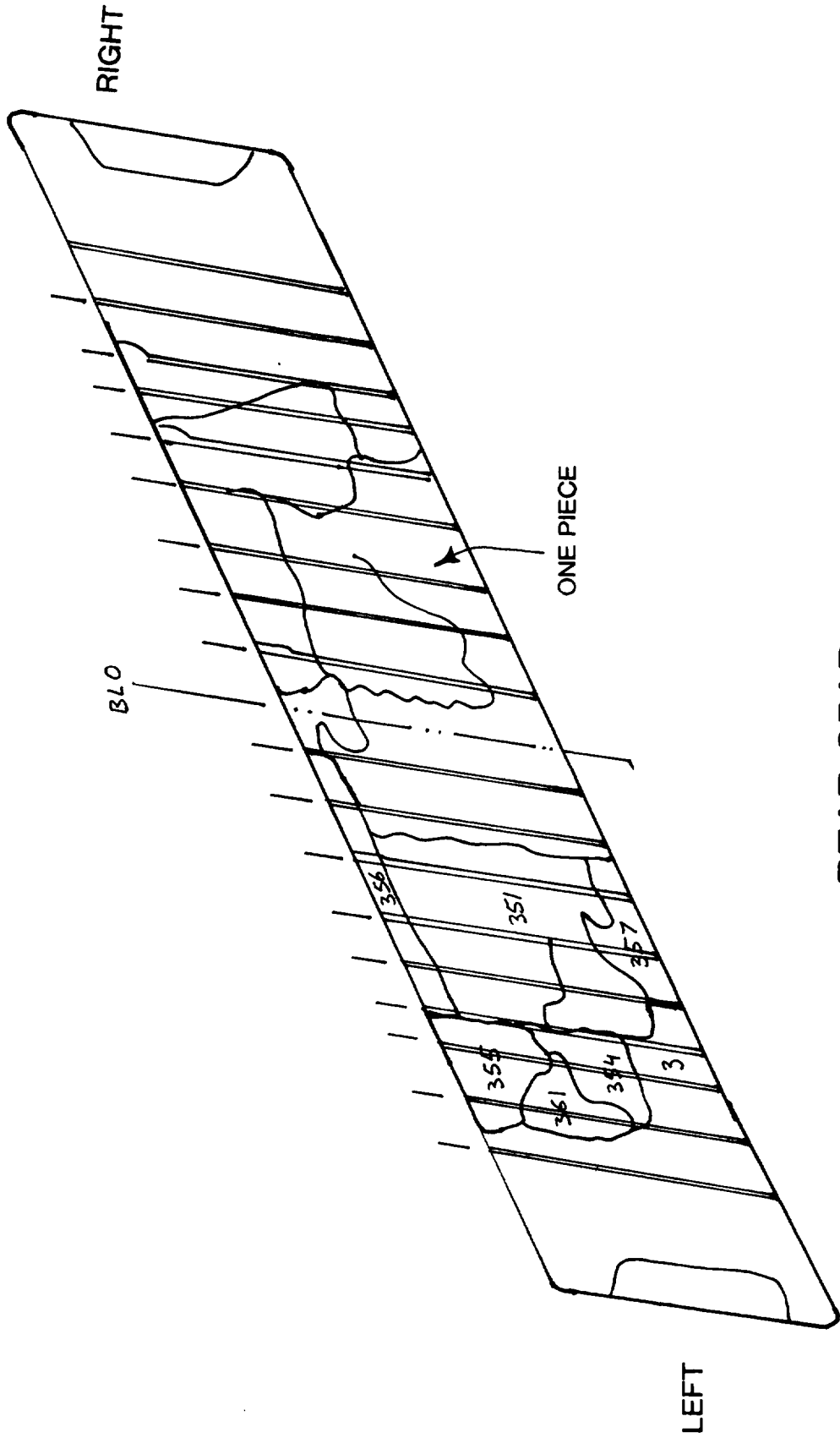
LEFT SIDE-OF-BODY RIB



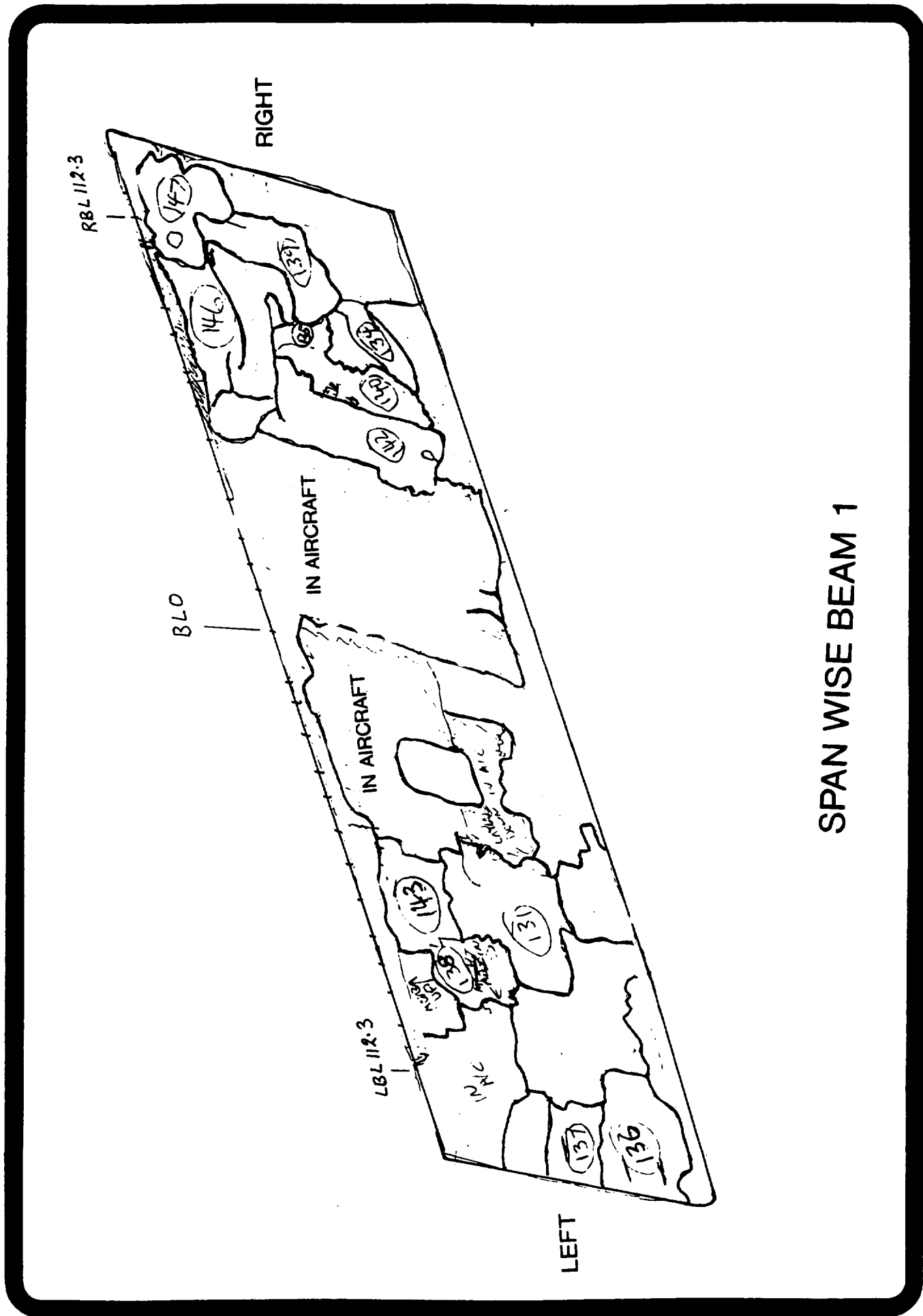
UP
FWD

INBOARD SIDE

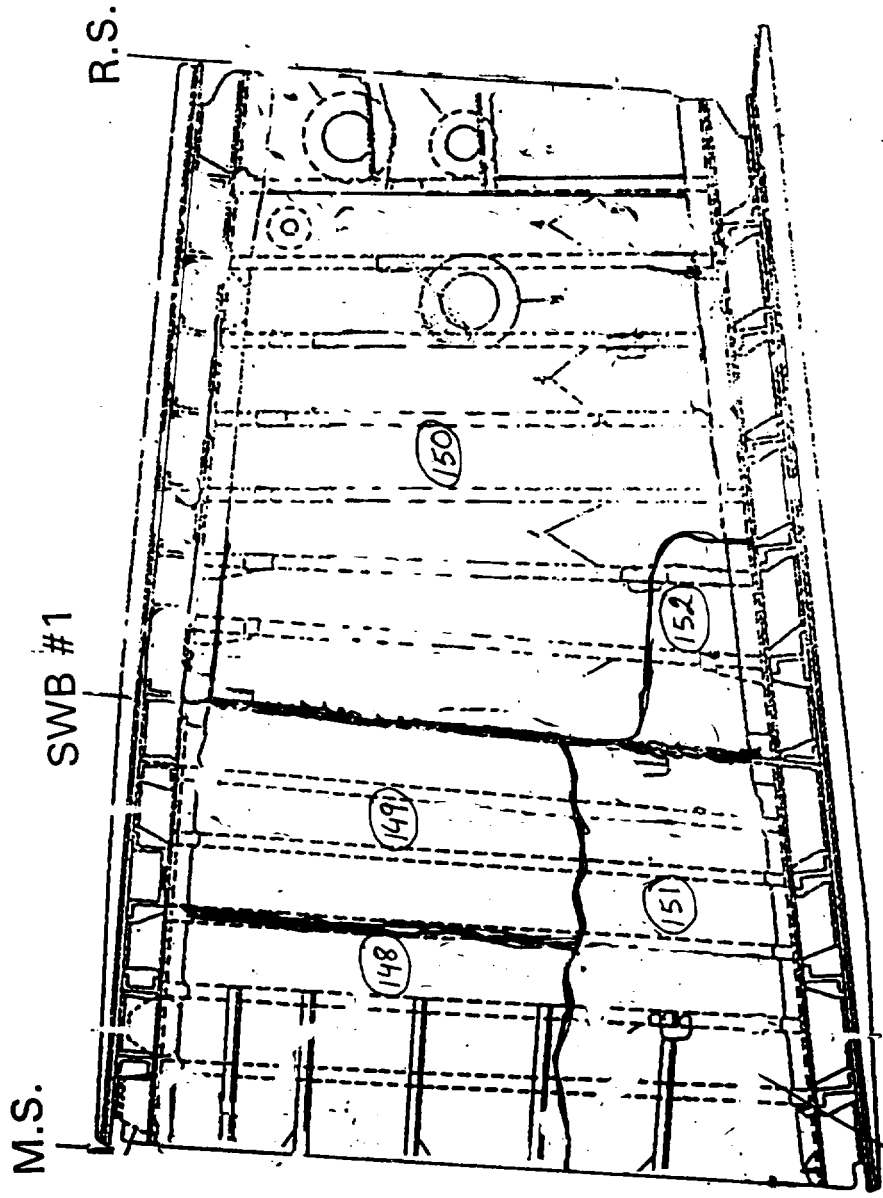
RIGHT SIDE-OF-BODY RIB



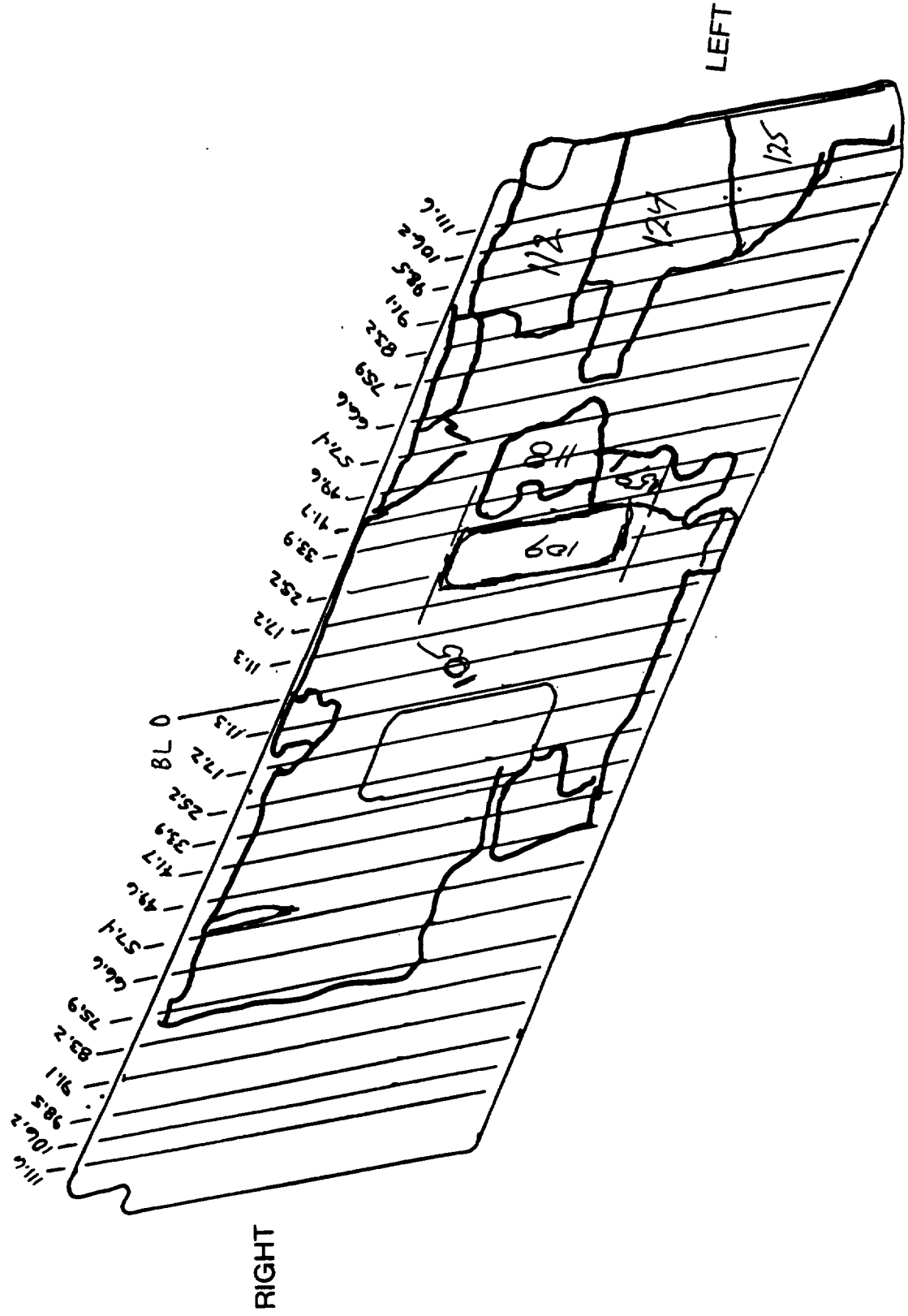
REAR SPAR



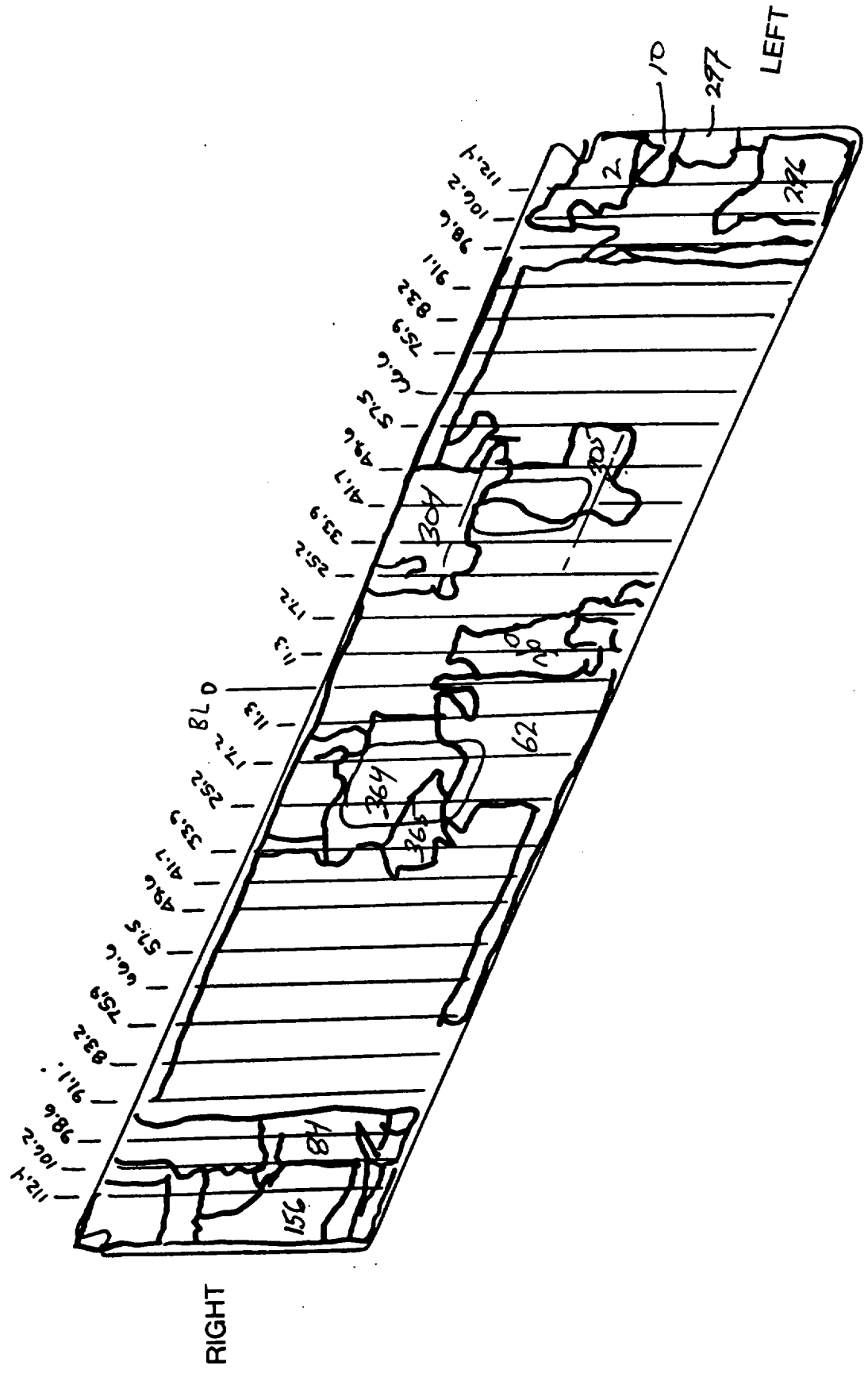
CENTER WING TANK - BL 0.00 RIB



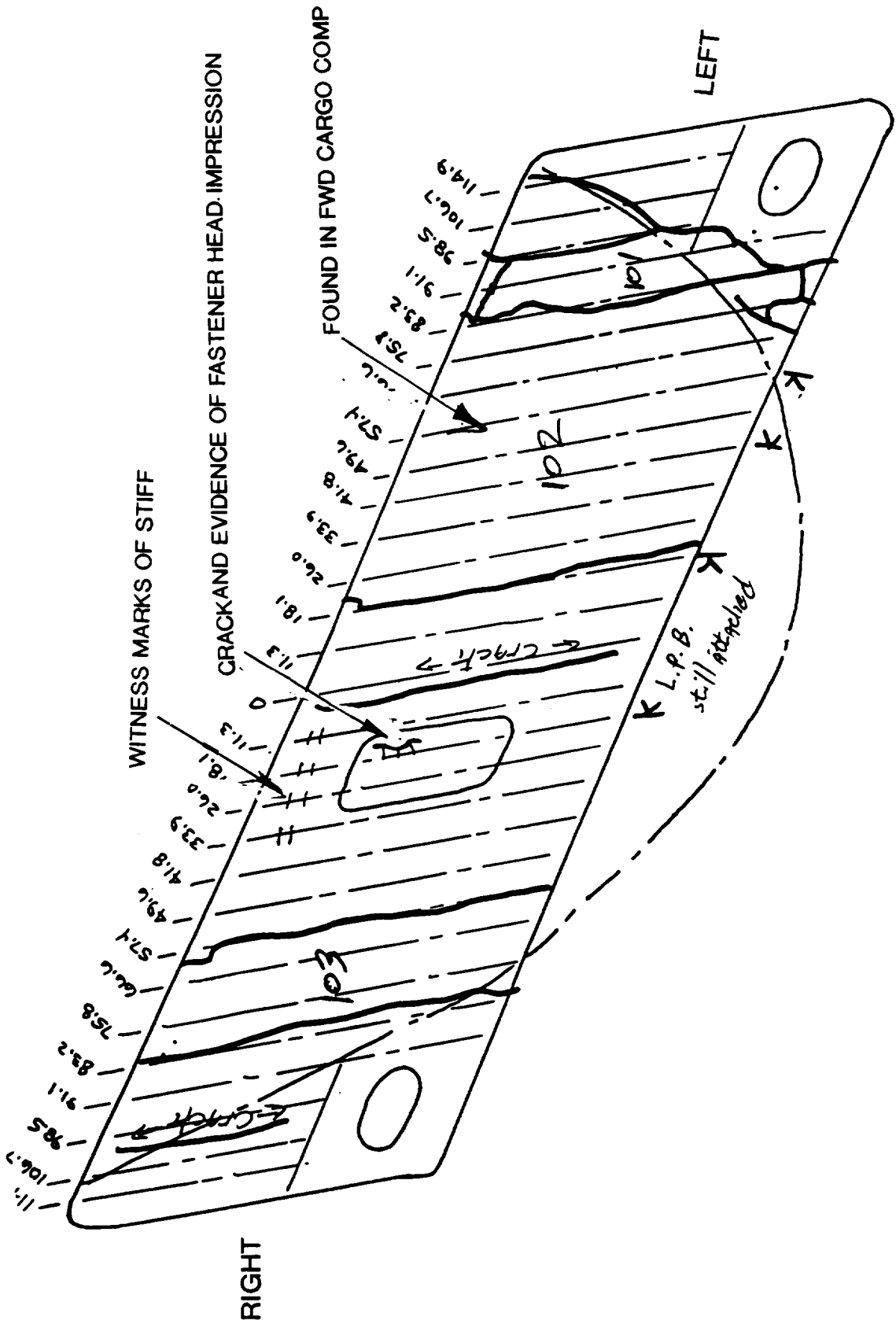
UP
FWD



SPANWISE BEAM 2



SPANWISE BEAM 3



FRONT SPAR

BULKHEAD 1480

BULKHEAD 1350

RS

1

MS

2

3

FS

UPR CHORD

LWR CHORD

CHORD FAILED

CHORD FAILED

WEB FAILED

LEFT SIDE

FAILURE ZONE

WEB FAILED + UPPER CHORD

MULTIPLE CRACKS IN WEB

CRACK IN CHORD

RIGHT SIDE

ATTACHED TO SKIN?

24" x 20" FAILURE

20" FAILURE

62" ATTACHED

FAILURES

0.1ML BODY 1.5"

0.1ML BODY 1.4" 2"

65" 14"

KEEL BEAM