

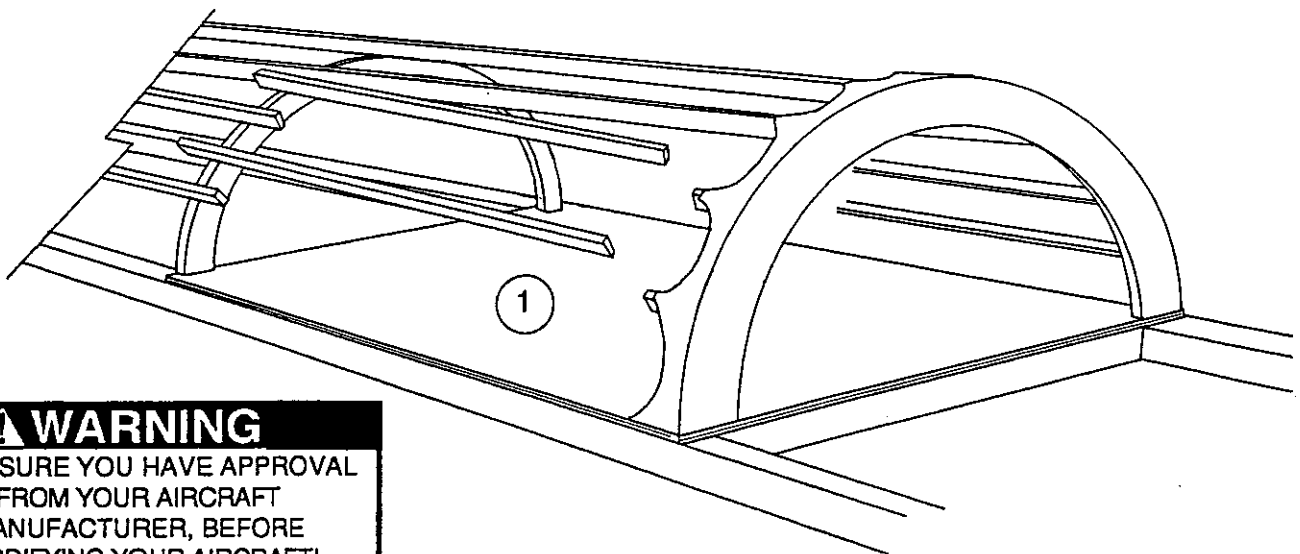
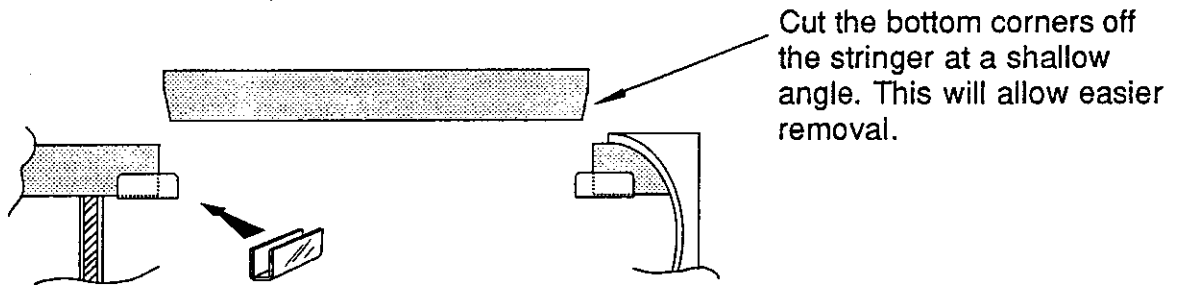
## EGRESS PORT: WOOD STRINGERS

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This instruction page shows an example of modifying an aircraft to provide sufficient ballistic parachute egress. The ability of your BRS system to deploy properly is severely impaired if an aircraft with this type of construction is left unmodified. Obviously, a modification like this is easier if the aircraft is not yet covered.

This modification is of very simple design. The stringers directly in front of the deployment direction are severed at each end and held in place by setting in a couple of small U channels. The overlying aircraft fabric holds them in place. The severed stringers themselves are not glued or otherwise secured in any way.

- 1 Cut the stringers that lay in front of the parachute at each end, leaving enough overhang of the remaining stringer to install the small aluminum U channels later.
- 2 Construct the U channels from very lightweight aluminum sheet. They need only be large enough to hold the stringer in place.
- 3 Install the U channels to the extended portion of the remaining stringers with T-88 epoxy. DO NOT set the severed stringer in place until epoxy is completely cured. The stringers must be free to slip out of channels on deployment!



### **▲ WARNING**

MAKE SURE YOU HAVE APPROVAL  
FROM YOUR AIRCRAFT  
MANUFACTURER, BEFORE  
MODIFYING YOUR AIRCRAFT!



# MINI-MAX, BRS HARNESS ROUTING

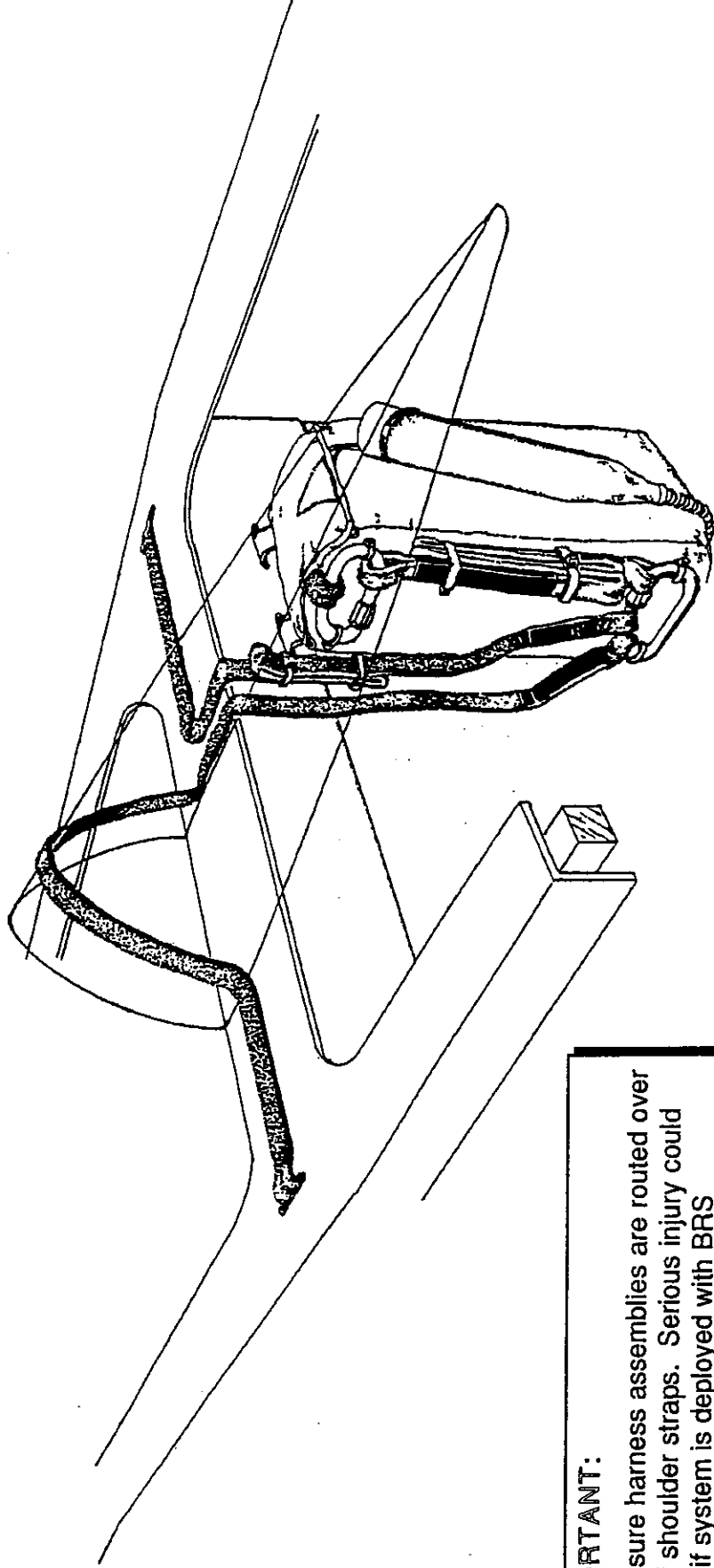
DRWG. 4200-B

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DRAWING BY  
JEFF PELTIER

- ① S-fold and tie-wrap main bridle in position between links on bag. Attach loops to Quick-Links.
- ② Route left harness section over top of turtledeck. Secure kevlar harness sections in place by applying 1.8 oz. fabric over them.
- ③ Route right harness section as shown. Harness may need to have excess taken up by s-folding and securing with tie-wraps. Make sure none of the harness assembly is routed over top of rocket or pack opening.



### IMPORTANT:

Make sure harness assemblies are routed over top of shoulder straps. Serious injury could result if system is deployed with BRS harnesses routed under your shoulder harness.