



RIGGING ADVISORY CIRCULAR

Issue Date: 01 January 1990

RAC No. 419 Rev. A

SUBJECT: RELATIVE WORKSHOP TANDEM VECTOR HARNESS, LEG STRAP/MAIN LIFT WEB STITCHING

STATUS: MANDATORY

IDENTIFICATION: All Relative Workshop Tandem Vector harnesses, all serial numbers, all dates of manufacture.

BACKGROUND: In about December 1988, the Relative Workshop issued an inspection bulletin about these harnesses.

The harness should have a double row of stitching next to the leg strap at the leg strap-main lift web junction. Some harnesses had been found with the double row of stitching along the outer edge of the main lift web, next to the diagonal back strap (see figure 1).

MANUFACTURER'S ADVICE: If the double row of stitching is located incorrectly next to the diagonal strap, and if all existing stitches are intact, three rows of stitches can be added over the existing pattern next to the leg strap (see figure 2).

This work should be done using only MIL-T-7807 nylon 5-cord thread and a harness machine set at 6-8 stitches per inch.

But if any stitches are broken, the rigger should add five rows of stitches according to figure 3

The Relative Workshop will reinforce the stitch pattern at no charge on any Tandem Vectors returned to its plant.

APF POLICY: All Relative Workshop Tandem Vector harnesses are to be inspected for this fault by the holder of at least a Packer "A" before the next use of the harness.

Harnesses found to be defective are to be repaired in accordance with the manufacturer's advice by the holder of at least a Rigger "B" rating before further use.

EFFECTIVE DATE: Immediately

AUTHORITY: 1. Manufacturer's advice: Relative Workshop
1645 Lexington Avenue
DeLand, Florida 32724, USA

2. Compliance requirements: APF Director, Riggers

DISTRIBUTION: RAC holders



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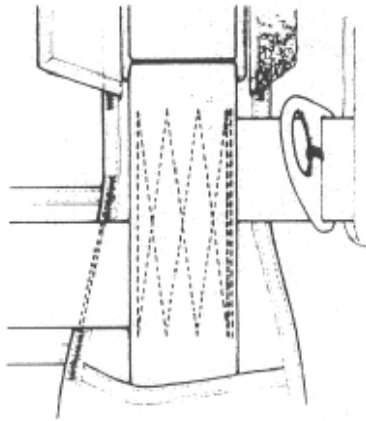


Figure 1. The Tandem Vector leg-strap junction. The stitches on the left-hand side of the main lift web should be inspected.



Figure 2

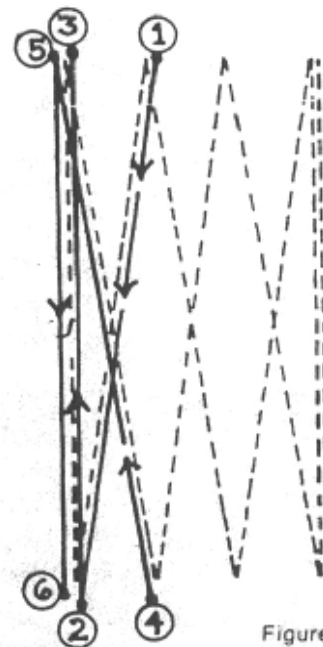


Figure 3

Figure 2 and Figure 3 show the additional stitching that should be added to some Tandem Vectors. The new stitches are indicated by the solid lines; the numbers and arrows indicate the sewing sequence. Note that the new rows in Figure 3 are applied in two steps.