8. Description of Work Accomplished
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N3572T

1. Replaced original aircraft fabric with acrylic skylight.

A. Fabricated forward mounting bracket from .025" 4130 steel. The bracket is formed by welding two strips (1"x1.5") together at a 90° angle with a continuous bead. The bracket tapers to conform to the contour of the original skin. It is welded to the cross tube between the forward wing attach points every six inches.

B. Fabricated aft and both side brackets from 3/8" 4130 steel U-channel. The side brackets are laid on the top-center of the existing longeron and welded in place every six inches. The aft U-channel is laid on the top-center of the existing cross tube between the aft wing attach points and welded every six inches.

C. A #10-32x2" stud is welded to the center of existing X tubes.

D. Skylight is fabricated from .125"x35.375"x31.5" clear acrylic. It is secured with seven evenly spaced AN510C-8 flathead machine screws per side. Aft mounts and sides utilize A8-75 Rivnuts. The forward mount utilizes MS21060-8 floating nut plates attached with AN442-3 rivets.

D. All work done in accordance with AC43.13-1A, chapter 2, section 2 and chapter 9, section 1.