

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

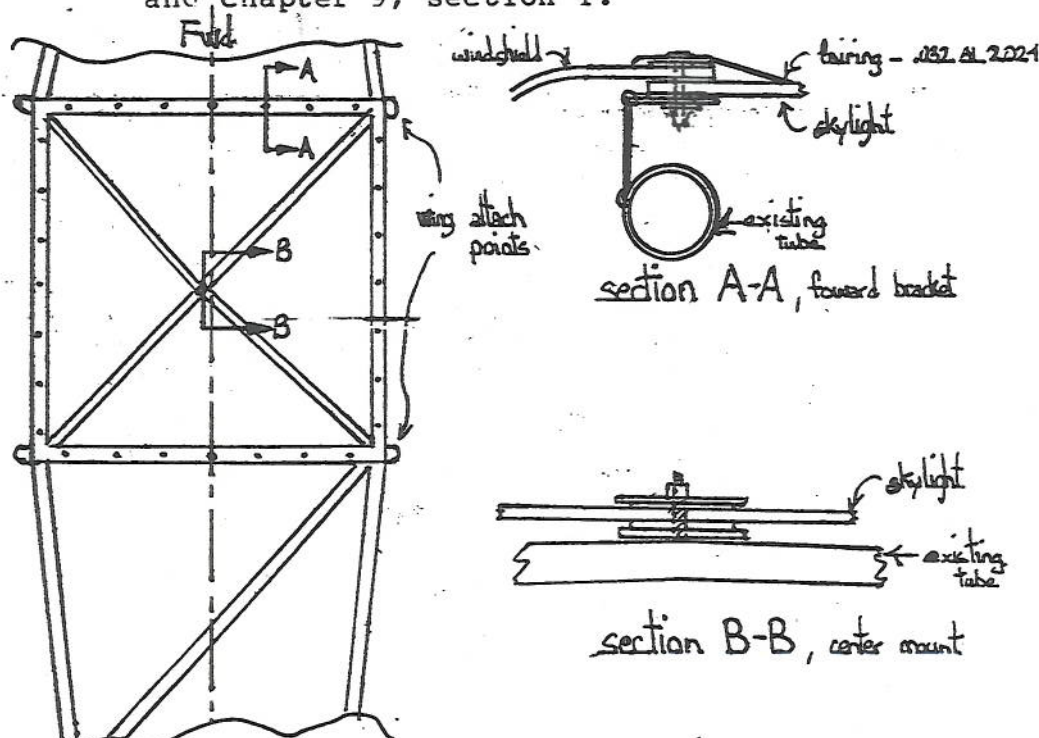
8. Description of Work Accomplished

(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 with 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 layed on the top-center of the existing longerons and welded in place every six inches. The aft U-channel is layed 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.



*****END*****
☐ Additional Sheets Are Attached