



American Aviation Corporation
318 Bishop Road Cleveland, Ohio 44143

SERVICE

Accessory Kit No. AK-103A
(Supersedes Accessory Kit No. AK-103)

DATE: *January 27, 1971*
April 28, 1969

TITLE: Sun Screen Accessory Kit

MODELS AFFECTED: AA1-0001 and up, *AA1A-0001 and up.*

WEIGHT AND BALANCE CHANGE:
Weight Increase 2.50 LB.
Arm 37.00 IN.

Parts List

Quantity	Part Number	Description
1	804026-502	Sun Screen Assy
8	804026-2	Clip
8	804026-3	Clip
8	AN960-8	Washer
8	MS24693-353	Screw
8	MS20365-832	Nut

See AK-103A
Need new for bonded bow.
8 of 9/27/71

Description of Installation

1. Installation of plexiglass sun screen and related attaching hardware.
2. Estimated time to accomplish this installation is 1.5 man hours.

Installation Instructions (Refer to Figure 1)

1. Loosen the top eight screws which attach the canopy skirt to the aft canopy bow. This includes the two forward screws that go through the bow and into the canopy handles.
2. Insert the notched ends of the 804026-3 clips between the vinyl foam tape gasket and the aft canopy bow at each screw location.
(Note: A razor, wire or thin-bladed knife can be worked between the two surfaces to allow insertion of the clips. Exercise caution to prevent cracking the plexiglass.)
3. Tighten these eight screws. Do not over-tighten.
4. Remove the top eight screws which attach the canopy plexiglass to the forward canopy bow and replace with the MS24693-353 screws supplied in this kit. To avoid relative movement between parts, replace screws one at a time.
5. Insert the sun screen into the aft clips and position in the center of the canopy.
(Note: The forward edge of the sun screen is denoted by the masking tape on the screen itself.)

Changes: Added AA1A-0001 to MODELS AFFECTED. This kit is also applicable to the AA1A American Trainer

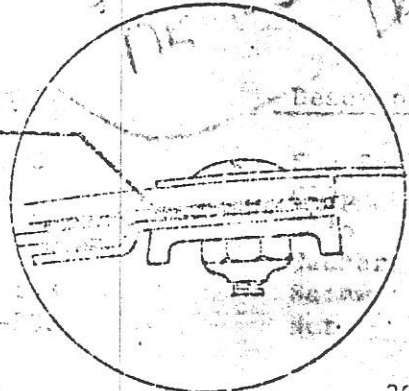
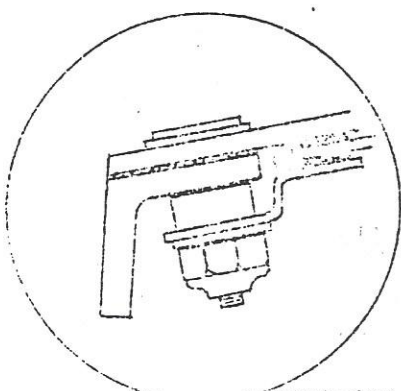
ACCESSORY KIT

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6. Push the forward end of the sun screen assembly into the plexiglass and install the 804026-2 clips using the MS20365-832 nuts and AN960-8 washers supplied in this kit.
7. Position the sun screen so that the edges are even with the edge of the clips on each side before tightening the nuts.

CAUTION

Over-tightening of screws or excessive pressure on the plexiglass can cause cracking.



Gasket (Reference)

804026-502
Sun Screen Assy
1 Reqd.

804026-3 Clip
3 Reqd.

MS20365-832 Nut
3 Reqd.

AN960-8 Washer
3 Reqd.

MS20365-832
Nut - 3

804026-2 Clip
8 Reqd.

Figure 1: SUN SCREEN ASSY AND INSTALLATION