



aero-trim, inc.

1130 102 Street
BAY HARBOR, FL. 33154

FAX(305) 864-5454
(305) 864-3336

AERO-LOCK

The perfect affordable way to foil fuel filchers.

The STC #SA00749AT allows this to be a do-it-yourself project.

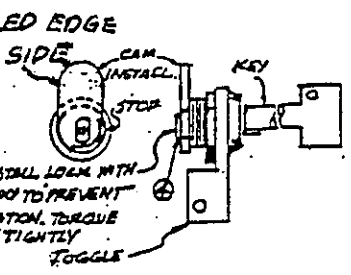
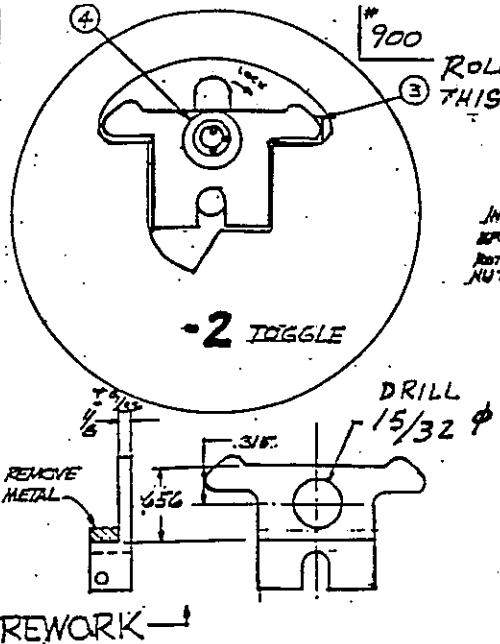
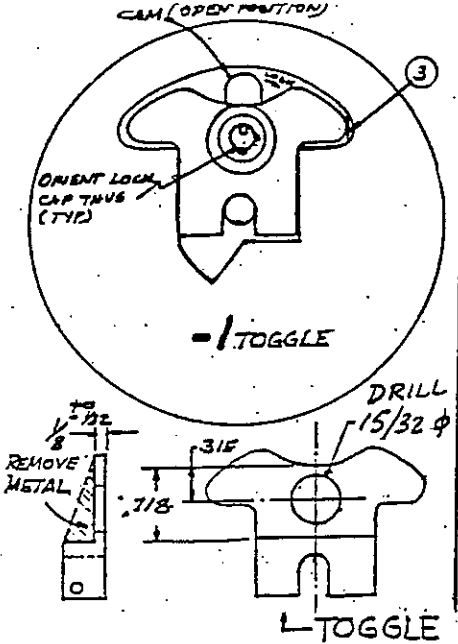
A professional mechanic is not required.

PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE BEGINNING.

1. Disassemble your gas cap by removing the cotter key, nut, spring, and back plate.
 2. Drill a 15/32 diameter hole thru the toggle per drawing.
 3. Remove metal on the backside of the toggle per drawing. This can be done by hand with a hacksaw and file or with a bandsaw or milling machine.
 4. Position the keeper in the corner of the "well" and using the keeper holes as a drill jig, spot drill thru' the keeper into the cap with a 3/32 drill just enuf to get a starting "dimple" for a #50 drill. Drill thru' cap with the #50 drill.
 5. Tap the holes in the cap 2-56.
 6. Screw keeper in place using the stainless steel screws provided. Use super glue to insure a leak-proof condition. Torque screws for tight fit.
 7. Insert the lock cylinder in the toggle. Use a good strong epoxy to prevent rotation. Install large hex nut on back side and just snug up for now.
 8. Orient the lock per FIG1 and tighten hex nut using super glue.
 9. Install the cam on the backside of the cylinder per drawing, again paying attention to proper orientation. With the cam in the horizontal position under the keeper, the key should come out. However, in the unlock position with the cam straight up vertically the key will be locked inside the cylinder.
 10. Secure cam in place with super glue using screw provided.
- NOTE: If the cam does not pass under the keeper to lock down the toggle, grind down the head of the cam screw slightly to allow the toggle to depress into the cap well farther.
11. Clean cap of all drill chips etc and reassemble.

Thank you for listening.

Norm Smith
President
Aero Trim Inc.



Supplemental Type Certificate

Number 2407494T

Manufacturer: Aero-Trim, Inc. 1136 103 Street Bay Harbor, FL 33154

Original Product: (Continued)

Make: Aerostar Aircraft Corporation (formerly Piper, Ted Smith)

Model: PA-60-600 (Aerostar 600), PA-60-601 (Aerostar 601), PA-60-602 (Aerostar 602), PA-60-603 (Aerostar 603), PA-60-700 (Aerostar 700)

FAA Approved: FAR 23

Date of Issuance: February 6, 1995

Signature: [Signature]

Supplemental Type Certificate

Number 2407494T

Original Product: (Continued)

Make: Cessna Aircraft Corporation

Model: 177, 177A, 177B

FAA Approved: FAR 23

Date of Issuance: April 14, 1995

Signature: [Signature]

Supplemental Type Certificate

Number 2407494T

Original Product: (Continued)

Make: Mooney Aircraft Corporation

Model: PA-11, 11-100, 11-125, 11-150

FAA Approved: FAR 23

Date of Issuance: April 14, 1995

Signature: [Signature]

Supplemental Type Certificate

Number 2407494T

Original Product: (Continued)

Model: 3A10, 3A12, 3A13, 3A14, 3A15, 3A16, 3A17, 3A18, 3A19, 3A20, 3A21, 3A22, 3A23, 3A24, 3A25, 3A26, 3A27, 3A28, 3A29, 3A30, 3A31, 3A32, 3A33, 3A34, 3A35, 3A36, 3A37, 3A38, 3A39, 3A40, 3A41, 3A42, 3A43, 3A44, 3A45, 3A46, 3A47, 3A48, 3A49, 3A50, 3A51, 3A52, 3A53, 3A54, 3A55, 3A56, 3A57, 3A58, 3A59, 3A60, 3A61, 3A62, 3A63, 3A64, 3A65, 3A66, 3A67, 3A68, 3A69, 3A70, 3A71, 3A72, 3A73, 3A74, 3A75, 3A76, 3A77, 3A78, 3A79, 3A80, 3A81, 3A82, 3A83, 3A84, 3A85, 3A86, 3A87, 3A88, 3A89, 3A90, 3A91, 3A92, 3A93, 3A94, 3A95, 3A96, 3A97, 3A98, 3A99, 3A100

FAA Approved: FAR 23

Date of Issuance: April 14, 1995

Signature: [Signature]

Supplemental Type Certificate

Number 2407494T

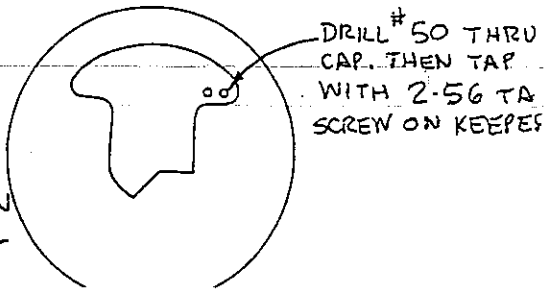
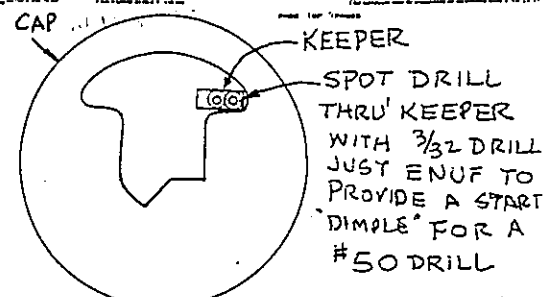
Original Product: (Continued)

Model: 99, 99A, 99B (PACR), 99C, 99D, 99E, 99F, 99G, 99H, 99I, 99J, 99K, 99L, 99M, 99N, 99O, 99P, 99Q, 99R, 99S, 99T, 99U, 99V, 99W, 99X, 99Y, 99Z

FAA Approved: FAR 23

Date of Issuance: April 14, 1995

Signature: [Signature]



KEEPER INSTALLATION FIG 1