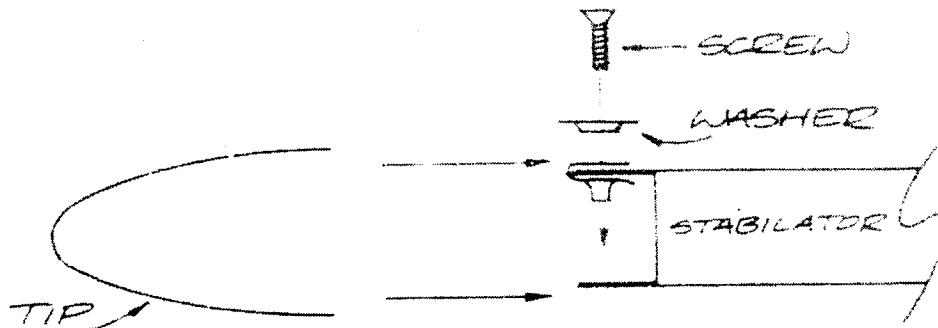



PLEASE READ ALL INSTRUCTIONS COMPLETELY BEFORE STARTING INSTALLATION

Note: Install stabilator tips using accepted methods and practices as outlined in FAA regulations.

- 1) Remove existing stabilator tip.
- 2) Attach new tip to stabilator as per Piper original installation. Install tip and align to correct position. Tip must be tight against leading edge and level with stabilator. (Upper surface of tip to be parallel with upper surface of stabilator.)
- 3) Important! Where applicable, ascertain that tip does not interfere with action of trim tab through its full range of movement.
- 4) Locate and drill mounting holes to accommodate countersunk washers and screws. Edge distance to centerline of hole is 1/2" (+ or - 1/16".) Aft top and bottom holes have minimum edge distance of 3/8".
 - a) With stabilator tip held firmly against leading edge, drill first leading edge top and bottom position holes using a 3/32" drill.
 - b) Remove tip and re-drill holes to the finished hole size using an 11/32" drill.
 - c) Install tip and secure the two leading edge screws and washers. Drill the remaining position holes using the 3/32" drill, maintain a tight fit. Remove tip and re-drill holes with the 11/32" drill.
 - d) Mount tip securely to aircraft using countersunk washers (p/n 28-CS8) and screws (p/n 28-05832-8) provided. Install screws from leading edge to trailing edge.
- 5) If desired, lay a thin bead of white silicone sealer along seam between stabilator and tip to complete the installation.
- 6) Log Book entry. No weight change. "Installed Met-Co-Aire stabilator tips per SD 2800." FAA approval per Engineering Approval letter dated May 14, 1986 and Parts Manufacturing Approval (PMA). (Copy of page 3 of PMA showing stabilator tip attached.)*



Parts List			Installation of Stabilator tips on Piper Models PA-28 140,150,160,180,235,151,161,181,201T, 236, PA-28R 200, 201,201T	
Qty.	Part #	Description	Drawn by: MJV	Approved by: <i>R.V. V. V. V.</i>
2	1813	Stabilator Tip	Revised:	
28	28-CS832-8	8/23 Countersunk Machine Screw	 14656 1/2 Firestone Blvd., La Mirada, CA 90638	
28	28-CS8	Countersunk Washer		
Date: 5/29/86		Scale: None	FAA and PMA Approved	SD 2800

* (Pg.1 & 2 of PMA document not included as they are not applicable to this product.)