


Installation of Fiberglass replacement tail cone on Piper Aircraft models: PA-28-140, 150, 160, 180, 235, 236 PA-28R-180, 200, 201, 201T PA-28-151, 161, 181, 201T PA-32-260, 300, 301, 301T PA-32R-301, 301T		Parts List <table border="1"> <thead> <tr> <th>Qty.</th> <th>Part #</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1 ea.</td> <td>1817-01</td> <td>Tail Cone, Upper</td> </tr> <tr> <td>1 ea.</td> <td>1818-01</td> <td>Tail Cone, Lower</td> </tr> </tbody> </table>		Qty.	Part #	Description	1 ea.	1817-01	Tail Cone, Upper	1 ea.	1818-01	Tail Cone, Lower
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STC PROJECT# ST8249LA-T		Scale: None										
Drawing # MA1-7-001		Date: 8/21/2000										
Rev N/C Sheet 1 of 2		Drawn by: RVV										
		<div style="text-align: center;">  </div>										
		14656 1/2 Firestone Blvd., La Mirada, CA 90638 800-814-2697      www.metcoaire.com										
		Approved by: Trevor J. Strong    08/30/00										

**INSTALLATION INSTRUCTIONS  
MET-CO-AIRE  
TAIL CONE FOR PIPER PA-28 & 32 AIRCRAFT**


**MCA PART NUMBERS  
1817-01 & 1818-01**

**INSTALLATION NOTES:**

- A) Please read all instructions completely before beginning installation.
- B) Install these parts in accordance with the accepted methods and procedures as outlined in FAA regulations.
- C) This tail cone consists of two separate parts. An upper section (p/n 1817-01) and a lower section (p/n 1818-01). They are direct replacements for the factory originals. Accordingly they should be installed in the same manner as the originals. Any attendant parts such as fasteners, clips, etc. should be reattached as per the original installation.

**INSTALLATION PROCEDURE**

- A) Remove existing tail cone from airplane by unscrewing fasteners holding cone in place. Installation is basically the reverse of the removal.
- B) On lower section of new tail cone, at slot for stabilator support bar, make a vertical cut to allow the cone to open up and pass around the stabilator support bar. Match drill mounting screw holes and place mounting clips from the original part onto the new cone. Lower tail cone can now be placed into position.
- C) On upper tail cone match drill for the locations of the mounting screw holes and place upper cone into position. The upper and lower tail cone nestle together. Attach with existing hardware.
- D) Drill a small drain hole at lowest point in base of tail cone as per original installation.
- E) Verify there is no interference between the tail cone and the stabilator. Check through entire range of travel of stabilator.
- F) Make log book entry. No weight change. "Installed Met-Co-Aire fiberglass replacement tail cone in accordance with installation drawing #MA1-7-001.

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