

1.0 Scope

1.1 Purpose

This procedure defines the installation procedure for the CW-172001, "Cessna 172 Vent Tube".

2.0 Applicable Documents

2.1 Federal Documents

2.1.1 AC 43.13-1B Chapter 3.

3.0 Requirements

3.1 Personnel

Installation shall be performed by qualified personnel who have been certified to perform required tasks.

3.2 Required materials for installation.

Item	

4.0 Installation Procedure

4.1 Removal of existing Vent Tube Adapter.

4.1.1 Remove the screws from the leading edge wing root cover.

4.1.2 Unhook the vent hose from old vent tube adapter.

4.1.3 Remove old vent tube adapter.



4.2 Final adjustments prior to installation

4.2.1 Take the new vent tube adapter, line the hole up with the hole on the leading edge

Note: The 1" pipe should come out level when the wing is level...if it is installed incorrectly (upside down) it will point upward at about a 45 degree angle. Make sure it is level.

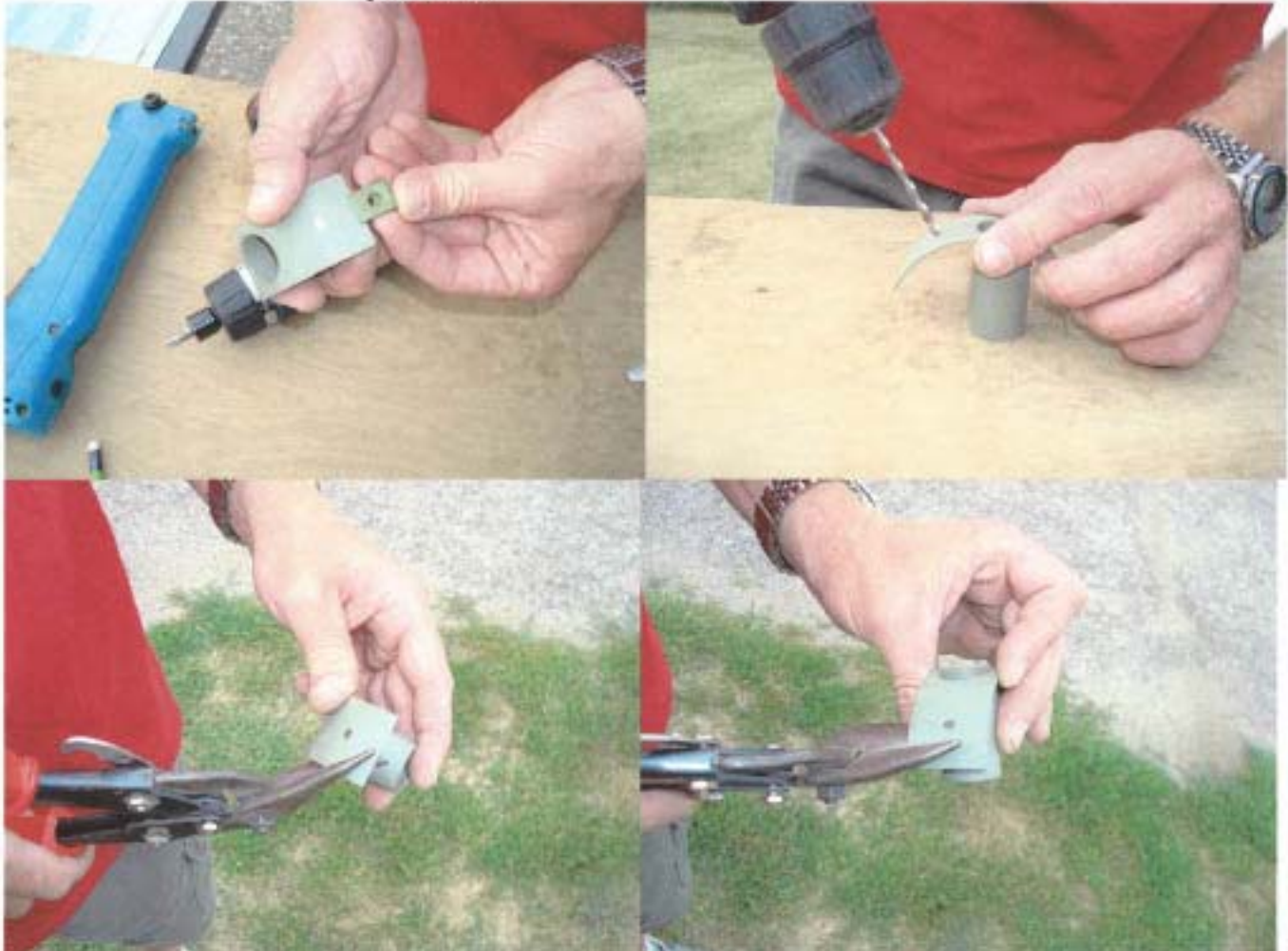


4.2.2 Once everything is lined up, mark your mounting holes and drill holes oversized to allow for use of tinnerman clip

Note: Every Cessna the holes seem to be in slightly different locations, so CW-172001 is slightly oversized to accommodate all Cessnas



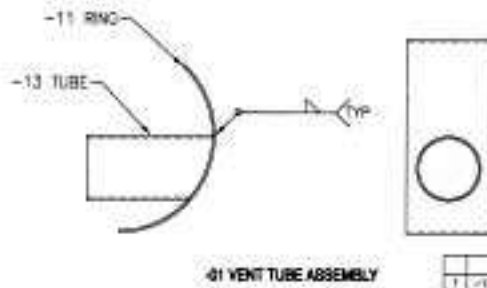
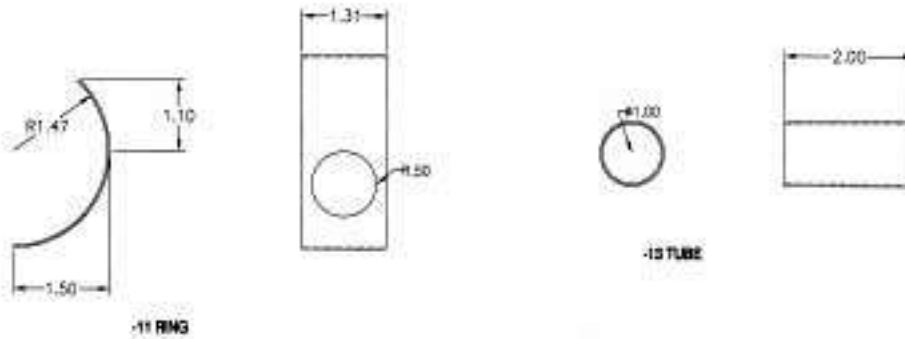
- 4.2.3 After your holes are drilled, trim excess aluminum off, but no more than necessary to allow tinnerman clip to center over the hole you just drilled.



REVISION	REV. NO.	DATE	DESCRIPTION	REVISED BY AND DATE	EFFECTIVE ON

NOTES: UNLESS OTHERWISE SPECIFIED

1. DRILL 1.0 DIAMETER HOLE PERPENDICULAR TO RING SURFACE TO ALLOW INSTALLATION OF -13 TUBE
2. WELD IN ACCORDANCE WITH MIL-STD-2019 OR EQUIVALENT, CLASS C WELD.
3. REMOVE ALL WELD SPATTER
4. DEBURR ALL SHARP EDGES
5. ACCEPTABLE TO FINISH WELD AREA WITH DAMPNEY CO. LAB METAL PER MANUFACTURER'S SPECIFICATIONS, AS REQUIRED TO SMOOTH AREA.
6. CLEAN AND PRIME COAT WITH SELF-ETCH PRIMER.



QTY	PART NO.	DESCRIPTION	UNIT	AMOUNT	DATE	BY	CHKD	APP'D
1	-13	TUBE		1.00	10/11/00	CHRIS WINGATE		
1	-11	RING		1.00	10/11/00	CHRIS WINGATE		
1	-01	VENT TUBE ASSEMBLY		1.00	10/11/00	CHRIS WINGATE		

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

DATE: 10/11/00
 DRAWN BY: CHRIS WINGATE
 CHECKED BY: [Signature]
 APPROVAL: [Signature]

WE WARRANT AND HEREBY CERTIFY THAT THE DIMENSIONS OF THIS DRAWING ARE CORRECT AND COMPLETE AND THAT THE PARTS MANUFACTURED THEREFROM WILL BE FITTED TOGETHER AS SHOWN.

CHRIS WINGATE
 3455 HUFF ROAD
 OSSEO, MI 49286

CESSNA 172 VENT TUBE

DWG NO: CW-172001

SHEET 1 OF 1

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A

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CW-172001
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