

Rev.	Change Description	By	Approval	Date
—	Initial Release.	ECN 3057	SJ	06/01/1999

#### DRAWING ELIGIBILITY

Cessna 300 and 400 Series Aircraft.

#### INSTALLATION INSTRUCTIONS

1. Installation should be accomplished by a licensed "A" and/or "P" mechanic.
2. Install cables in accordance with the latest revision of the applicable Cessna Service Manual.
3. Route cables and install Firesleeve and 3M Brand No. 363 Aluminum tape as required by Cessna Service Letter ME80-45, Revision 1, dated April 3, 1981, or latest revision and Cessna Service Letter ME76-9, dated April 19, 1976. Verify that the separation between cable and exhaust system components is sufficient, as specified in service letters.
4. The swivel angle at the point of attachment should be centered within the available cable swivel angle, and the device's useable stroke must be centered within the available cable travel.
5. Bends in cable should be greater than the minimum cable bend radius specified by the manufacturer.
6. Cable should be free of kinks and excessive play, and cable should not be pinched at attachment points.
7. Protect cable from paint, vibration, and harmful contaminants, such as fuel, oil, water, and dirt.
8. Prior to flight, check cable travel for smooth operation and full range of motion.
9. Make logbook entry for cable installation in accordance with 14 CFR Part 43, Section 43.9.



TITLE: Cable Installation & Instructions for Continued Airworthiness.			DRAWING NO. 2068	REV. —
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## INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

1. This section is intended to satisfy the requirements of 14 CFR Part 23, Section 23.1529 *Instructions for Continued Airworthiness*, for FAA-PMA approved RAM cables.
2. Parts information: Cable part information is available through RAM Aircraft Corporation.
3. Scheduled maintenance procedures:
  - a. There is no change to the published scheduled maintenance period and procedures for cables established by Cessna in the latest revision of the applicable Cessna Service Manual.
  - b. RAM recommends cables be inspected as part of the annual and 100-hour inspection. Inspect for proper routing and signs of damage caused by chafing or heat distress. Make certain cable has required travel and there is no binding or excessive play caused by worn or damaged parts.
  - c. Mineral spirits should be used to clean cable. Keep cable free of fuel, oil, water, dirt, paint, and other contaminants.
  - d. Cable is lubricated for the life of the cable. Do not remove cable seals or attempt to lubricate cable.
  - e. Replace cable if there is a gradual or sudden increase in cable no-load friction (cable free and unattached), or if there is a gradual or sudden decrease in cable travel.
  - f. Replace cable if the cable is frozen, or if there is moisture inside the cable.
4. Repair procedures: Repair of cable is limited to replacement of cable. Do not attempt to modify cable.
5. Airworthiness Limitations: There is no mandatory cable replacement time period. Scheduled maintenance procedures should be followed as described above. Changes to Airworthiness Limitations will be published in FAA Mandatory Service Bulletins.
6. For additional cable information, contact:  
RAM Aircraft Corporation  
7505 Karl May Dr.  
Waco, TX 76708  
254-752-8381  
www.ramaircraft.com

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