



INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

**Installation of RAM Control Cables p/n's
2687, 2696, 2697, 2698, and 2699
on Cessna 100 and 200 series Aircraft**

Drawing 2702

December 22, 2006

Log of revisions			
Rev.	Description	Date	Engineer
I.R.	Initial Release	ECN 4295 12-22-2006	A. Jain

I. INTRODUCTION

This document provides instructions for continued airworthiness (ICA) for installation of RAM Control Cables (series 2687, 2696, 2697, 2698, & 2699), on Cessna 100 and 200 series airplanes. These parts are approved via PMA Supplement #127.

Updates to this document are available from RAM's Customer Service Department or online as follows.

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II. DESCRIPTION

The RAM Control Cables replace the original Cessna control cables on model 100 and 200 series Cessna aircraft. For specific FAA approved eligibility, refer to the RAM PMA supplement #127 or the PMA tag.

III. SPECIAL PROCEDURES

None

IV. SERVICING INFORMATION

The following document shall be followed for installation of control cables on Cessna 100 or 200 series aircraft:

- Applicable FAA approved Cessna 100 or 200 series service and maintenance manual.
- Applicable FAA approved Cessna 100 or 200 series parts manual.

V. MAINTENANCE INSTRUCTIONS

The following document shall be followed for Parts, Overhaul, and Maintenance of control cables on Cessna 100 or 200 series aircraft:

- Applicable FAA approved Cessna 100 or 200 series service and maintenance manual.
- Applicable FAA approved Cessna 100 or 200 series parts manual.

VI. TROUBLESHOOTING

The following document shall be followed for Troubleshooting of the installation of control cables on Cessna 100 or 200 series aircraft:

- Applicable FAA approved Cessna 100 or 200 series service and maintenance manual.

VII. REMOVAL AND REPLACEMENT

- Use correct installation methods in accordance with the applicable service manual or service letters issued by Cessna.
- Do not bend the cable to less than the minimum specified bend radius which may result in developments of kinks and weaken the cable.

The following document shall be followed for removal of control cables on Cessna 100 or 200 series aircraft models:

- Applicable FAA approved Cessna 100 or 200 series service and maintenance manual.

The following document shall be followed for replacement of control cables on the Cessna 100 or 200 series aircraft models:

- Applicable FAA approved Cessna 100 or 200 series service and maintenance manual.

VIII. SPECIAL INSPECTION REQUIREMENTS

- Visually inspect the cable(s) for bulges, cracks, fraying, beyond the normal manufacturing irregularities. If any fraying and/or cracks are present, replace the frayed or cracked cable(s).

IX. APPLICATION OF SPECIAL TREATMENTS

None

X. DATA

- Single Engine Control Cables – Mixture, RAM Drawing 2687, Revision IR, dated October 23, 2006, or later FAA approved revision.
- Single Engine Control Cables – Throttle, RAM Drawing 2696, Revision IR, dated November 17, 2006, or later FAA approved revision.
- Single Engine Control Cables – Cowl Flap, RAM Drawing 2697, Revision IR, dated November 17, 2006, or later FAA approved revision.
- Single Engine Control Cables – Propeller, RAM Drawing 2698, Revision A, dated May 10, 2007, or later FAA approved revision.
- Cessna 208 Control Cables, RAM Drawing 2699, Revision IR, dated November 17, 2006, or later FAA approved revision.

XI. SPECIAL TOOLS

None

XII. ADDITIONAL INFORMATION FOR COMMUTER CATEGORY AIRCRAFT

None

XIII. AIRWORTHINESS LIMITATIONS SECTION

Note: The airworthiness limitations section is FAA approved and specifies maintenance required under §§ 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

- Compliance with Cessna Airworthiness Directive for the eligible model, if applicable, is mandatory.
- Replace cables on condition if found to have bulges, kinks, cracks, or fraying.