



INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

Installation of RAM Exhaust Slip Joint p/n 1001-3 on Cessna 300 and 400 series Aircraft

Drawing 2688

October 26, 2006

Notice

This document must be referenced on Block 8 of FAA form 337 and added to the aircraft permanent record as required by 14 CFR Part 91, §91.417(a)(2)(vi) when the reference FAA-STC modification is accomplished on eligible aircraft. This document complies with the requirements of 14 CFR Part 23, §23.1529, in accordance with 14 CFR Part 23, Appendix G.

Aircraft Serial No. _____

Aircraft Registration No. _____

I. INTRODUCTION

This document provides instructions for continued airworthiness (ICA) for installation of RAM Slip Joint Assy. (part number 1001-3), on several Cessna 300 and 400 series airplanes.

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

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II. DESCRIPTION

The PMA approves installation of RAM Slip Joint on the following Cessna model aircraft as a replacement to the original Cessna slip joint:

- T310P (0090 & on), T310Q (0001 thru 0400)
- T310Q (0401 and on)
- T310R (0001 thru 1249)
- 320D (0001 and on), 320E
- 320F (0001 and on)
- 335
- 340, 340A
- 401, 401A, 401B (0001 thru 0200), 402, 402A, 402B (0001 thru 0200)
- 401, 401A, 401B, 402, 402A, 402B – all
- 402C
- 404 (0001 and on)
- 414 (0001 thru 0250)
- 414 (0251 and on), 414A
- 421C

III. SPECIAL PROCEDURES

None

IV. SERVICING INFORMATION

The following document shall be followed for installation of the Slip Joints on Cessna aircraft:

- Applicable FAA approved Cessna 300 or 400 series service and maintenance manual.
- Applicable FAA approved Cessna 300 or 400 series parts manual.

V. MAINTENANCE INSTRUCTIONS

The following document shall be followed for Parts, Overhaul, and Maintenance of the Slip Joints on Cessna aircraft:

- Applicable FAA approved Cessna 300 or 400 series service and maintenance manual.
- Applicable FAA approved Cessna 300 or 400 series parts manual.

VI. TROUBLESHOOTING

The following document shall be followed for Troubleshooting of the installation of the slip joint on Cessna 300 or 400 series aircraft:

- Applicable FAA approved Cessna 300 or 400 series service and maintenance manual.

VII. REMOVAL AND REPLACEMENT

The following document shall be followed for removal of the slip joints on the Cessna 300 or 400 series aircraft models:

- Applicable FAA approved Cessna 300 or 400 series service and maintenance manual.

The following document shall be followed for replacement of the slip joints on the Cessna 300 or 400 series aircraft models:

- Installation of RAM Slip Joints on Cessna 300 and 400 series airplanes should be done in accordance with RAM Drawing 1153, Revision M, dated October 17, 2006, or later FAA approved revision.

VIII. SPECIAL INSPECTION REQUIREMENTS

The following document shall be followed for inspection of the slip joint on Cessna 300 and 400 series aircraft models:

- Cessna Airworthiness Directive (AD) 2000-01-16, currently requires repetitively inspecting and replacing or repairing the exhaust system on certain Cessna Aircraft Company (Cessna) 300 and 400 series airplanes.

IX. APPLICATION OF SPECIAL TREATMENTS

None

X. DATA

- Exhaust Riser and Slip Joint Assy., RAM Drawing 1001, Revision X, dated October 17, 2006, or later FAA approved revision.
- Installation of RAM Slip Joints on Cessna 300 and 400 series airplanes should be done in accordance with RAM Drawing 1153, Revision M, dated October 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.

Cessna Airworthiness Directive (AD) 2000-01-16, currently requires repetitively inspecting and replacing or repairing the exhaust system on certain Cessna Aircraft Company (Cessna) 300 and 400 series airplanes. This AD also revises the inspection intervals and requires replacing certain unserviceable parts and removing the exhaust system for a detailed inspection. The actions specified by this AD are intended to detect and correct cracks and corrosion in the exhaust system, which could result in exhaust system failure.

The same inspection procedures and criteria are applicable to RAM p/n 1001-3 slip joints as well. The method of compliance with AD 2000-01-16 for the RAM slip joints is the same as is stated in the AD.