



# SERVICE BULLETIN

No. 497

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"DOA EA-1 Approved"

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Subject: Throttle and Propeller Pitch Control Attachment Modification.

Models Affected: PA -31P Pressurized Navajo

Serial Numbers Affected: 31P-1 to 31P-7630004 Inclusive, 31P-7630006 and 31P-7630007.

Compliance Time: At the next regularly scheduled inspection interval (100 hour, annual or Programmed Maintenance Event), not to exceed the next 100 hours of operation.

Purpose: Piper Customer Service Sales inventory records indicate a substantial amount of field replacement activity of the Throttle and/or Prop Pitch Control Attachment Ball Joint Assemblies installed on the above referenced Pressurized Navajos. Although these components are subject to routine inspection as denoted on the Piper Periodic and Programmed Maintenance Inspection procedures, inadequate inspection in this area could lead to loss of throttle and/or prop pitch controllability due to undetected wear and subsequent disengagement of the respective control attachment ball joints.

This service release provides material and instructions to replace the Throttle and Prop Pitch Control Attachment Ball Joints with an improved attachment linkage assembly, designed to preclude disengagement due to prolonged wear.

Instructions: Contained in Throttle and Prop Pitch Control Attachment Ball Joint Replacement Kit, Piper part number 761 031.

Material Required: One (1) each per aircraft Piper kit number 761 031, Throttle and Prop Pitch Control Attachment Ball Joint Replacement; one kit contains sufficient material for the Throttle and Prop Pitch Control Cable Attachments on both engines.

Availability of Parts: Your Piper Field Service Facility.

Effectivity Date: This service release is effective upon receipt.

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Summary:

Please contact your Piper field service facility for compliance with the provisions of this service release, in accordance with Compliance Time, above. Material required for this modification will be provided free of charge through your Piper field service facility for a period of time not to exceed twelve (12) months from the publication date of this service release.