



# SERVICE LETTER

No. 816

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

December 19, 1977

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Subject: Powerpak Reservoir Replacement  
(Wiebel Hydraulic Powerpaks)

Compliance Time: At owner/operator's discretion

Models Affected: Serial Numbers Affected:

PA-31 and PA-31-325 Navajo..... 31-7400977 to 31-7612039 inclusive  
(See NOTE, below.)

PA-31-350 Navajo Chieftain..... 31-7405126 to 31-7652074 inclusive  
(See NOTE, below.)

PA-31P Pressurized Navajo..... 31P-7400173 to 31P-7630006 inclusive  
(See NOTE, below.)

PA-31T Cheyenne..... 31T-7400002 to 31T-7720005 inclusive

NOTE: Above referenced aircraft are affected only if any of the following Wiebel Hydraulic Powerpak (Model WTC 2135-1) units are installed; affected units are identified by powerpak serial number: WTC 101 to WTC 107 incl., WTC 109 to WTC 114 incl., WTC 116 to WTC 125 incl., WTC 129, WTC 130, WTC 133, WTC 134, WTC 136, WTC 139, WTC 140, WTC 142 to WTC 146, WTC 148, WTC 151, WTC 154, WTC 155, WTC 158 to WTC 163 incl., WTC 165 to WTC 171 incl., WTC 174 to WTC 176 incl., WTC 179, WTC 180, WTC 183 to WTC 189 incl., WTC 191 to WTC 193 incl., WTC 195 to WTC 199 incl., WTC 201, WTC 207, WTC 215, WTC 233 and WTC 234.

Purpose: This Service Release announces material and instructions to replace the existing clear plastic ("plexiglas") powerpak reservoir (Wiebel WTC 2135-1 Powerpaks only) with an improved fiberglass reservoir. This modification is designed to eliminate reservoir leakage resulting from thermal expansion/contraction of the reservoir plastic material.

Instructions: Contained in Piper Kit No. 763 831, Powerpak Reservoir Replacement Kit.

Material Required: One (1) each per aircraft (see NOTE, above for actual effectivity)  
Powerpak Reservoir Replacement Kit, Piper Part No. 763 831.

Availability of Parts: Your Piper Field Service Facility.

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Effectivity Date: This Service Release is effective upon receipt.

Summary: Please contact your Piper Field Service Facility to make arrangements to comply with the refinement provisions of this Service Release (if your aircraft is affected), as recommended in Compliance Time, above. If required, modification material at no charge and one (1) hour per aircraft labor allowance is available through your Field Service Facility in accordance with their respective service release credit application procedures. This offer is in effect for a period of time not to exceed twelve (12) months from issue date.