



VSP - 109

DATED: April 14, 1995 S/M

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## VENDOR SERVICE PUBLICATION

**TO:** All Affected Owners/Operators, Piper International Distributors, Parts Distributors and Piper Parts Distributors/Service Centers.

**SUBJECT:** Distribution of: **DUKES INC. Mandatory Service Bulletin No. 0005**

**MODELS AFFECTED:** (All serial numbers affected by spare parts. See current Piper Parts Catalog for part application and location.)

PA-23	<i>Apache</i>	PA-31T1	<i>Cheyenne I</i>
PA-23-235	<i>Apache 235</i>	PA-31T	<i>Cheyenne II</i>
PA-23-250	<i>Aztec</i>	PA-31T2	<i>Cheyenne IIXL</i>
PA-28-201T	<i>Turbo Dakota</i>	PA-31T3	<i>T1040</i>
PA-28R-201T	<i>Turbo Arrow</i>	PA-34-220T	<i>Seneca III &amp; IV</i>
PA-28RT-201T	<i>Turbo Arrow IV</i>	PA-36-285	<i>Pawnee Brave</i>
PA-31, 31-300	<i>Navajo</i>	PA-36-300	<i>Pawnee Brave</i>
PA-31-325	<i>Navajo CR</i>	PA-36-375	<i>Pawnee Brave</i>
PA-31-350	<i>Chieftain</i>	PA-42	<i>Cheyenne III</i>
PA-31-350	<i>T1020</i>	PA-42-720	<i>Cheyenne IIIA</i>
PA-31P	<i>Pressurized Navajo</i>	PA-42-720R	<i>Cheyenne IIIA</i>
		PA-46-310P	<i>Malibu</i>

**COMPLIANCE TIME:** In accordance with the attached DUKES INC. Mandatory Service Bulletin No. 0005. Check the attached publication for subject, purpose and compliance time.

**PURPOSE:** To provide distribution of DUKES INC. Mandatory Service Bulletin No. 0005.

**NOTE:**

*Certain valves manufactured by Dukes Inc. and distributed by Piper Aircraft Corp. as spare parts may exhibit a defect as described on the attached Dukes publication. If spare parts have been purchased from Piper between the last half of 1994 through the first quarter of 1995, such spare parts are suspect. Parts having the following Piper Part Numbers (Dukes P/N) are the affected components: P/N's 492-274 (366-00), 492-108 (366-00N), 492-101, (367-00) and 653-820 (1126-00-3).*

**NOTE:**

*Dukes Inc. Part Number 367-00 (TCM P/N 641068) valve is used on several Teledyne Continental Motors engines used on Piper aircraft. This valve is the subject of TCM Critical Service Bulletin CSB95-1A and AD 95-08-10. Refer to either of these publications for affected engine model and serial number.*

ATA CODE: 2810 / 7310  
(Over)



**dukes, inc.**

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MANDATORY SERVICE BULLETIN

**NO. 0005**

3/29/95

**SUBJECT:** DUKES, INC. PART NUMBERS 1126-00-3, 1126-00-5, 366-00, 366-00N AND 367-00 CHECK VALVES.

**PURPOSE:** DUKES, INC. IS ISSUING THIS SERVICE BULLETIN TO COVER INSPECTION AND/ OR REPLACEMENT OF ALL SUBJECT UNITS THAT BEAR THE IDENTIFICATION 3-Q-94, 4-Q-94 AND 1-Q-95. THIS BULLETIN IS NECESSITATED BY THE FACT THAT THE RIVET USED IN THE SWING CHECK ASSEMBLY MAY NOT HAVE BEEN SUFFICIENTLY DEFORMED TO HOLD THE SWING CHECK VALVE ASSEMBLY COMPONENTS TOGETHER.

**COMPLIANCE:** COMPLIANCE CAN BE ACCOMPLISHED BY RETURNING THE VALVE TO DUKES, INC. FOR INSPECTION/REWORK OR REPLACEMENT. REINSPECTED VALVES THAT CONFORM TO SPECIFICATION REQUIREMENTS WILL HAVE EXISTING ASSEMBLY DATE REMOVED AND WILL BE REIDENTIFIED WITH THE 2-Q-95 DESIGNATION.

**RESPONSIBILITY:** WILL BE DUKES, INC.  
DUKES, INC. WILL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF CHECK VALVES ONLY.