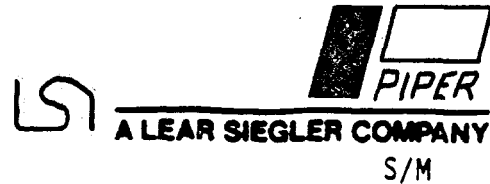


March 28, 1986



VENDOR SERVICE PUBLICATION

TO: All Affected Owners/Operators, Piper Distributors,  
Factory Direct Dealers and Piper Field Service  
Facilities

SUBJECT: AVCO Lycoming Service Bulletin No. 469

MODELS AFFECTED:

PA-28-236 Dakota  
PA-32R-300 Lance  
PA-32RT-300 Lance II  
PA-32RT-300T Turbo Lance IV  
PA-32-301T Turbo Saratoga  
PA-32R-301 Saratoga SP  
PA-32R-301T Turbo Saratoga SP  
PA-31-325 Navajo  
PA-31-350 Navajo Chieftain  
PA-31P-350 Mojave

SERIAL NUMBERS AFFECTED:

28-7911001 through 28-8511020  
32R-7680001 through 32R-7880068  
32R-7885001 through 32R-7985105  
32R-7887001 through 32R-7987126  
32-8024001 through 32-8424002  
32R-8013001 through 32R-8513016  
32R-8029001 through 32R-8529020  
31-7400990 through 31-8312019  
31-5001 through 31-8452021  
31P-8414001 through 31P-8414050

PURPOSE: To distribute AVCO Lycoming Service Bulletin  
No. 469 to all affected Owners/Operators, Piper Distributors, Factory  
Direct Dealers and Piper Field Service Facilities.

The attached publication may affect AVCO Lycoming equipment installed  
in the above listed Piper Airplanes. Refer to the publication for  
specific equipment affected and for detailed information regarding  
compliance.

## Service Bulletin



DATE:

October 18, 1985

Service Bulletin No. 469  
Engineering Aspects are  
FAA Approved

SUBJECT:

Bendix Service Bulletin No. 627

MODELS AFFECTED:

All Avco Lycoming six cylinder engines with dual magnetos.

TIME OF COMPLIANCE:

As required by subject bulletin.

Bendix Service Bulletin No. 627 is reprinted herewith in its entirety.

Allied Corporation  
Bendix Engine Products Division

### SERVICE BULLETIN

SUBJECT:

Distributor Block Kit Part Number 10-682056 (6 Cylinder) Dual Magneto Series

REASON FOR BULLETIN:

To remove from service certain dual magneto distributor blocks.

EQUIPMENT AFFECTED:

Affected spare 10-682056 block kits may have been field installed in the following magneto designations:

1. Type D6(L) or (R)N - 2031/3000  
D6(L) or (R)N - 2230/3200  
P/N 10-382560-XXX P/N 10-682560-XXX  
10-382910-XXX 10-682910-XXX  
10-392610-XXX 10-682610-XXX

2. Affected blocks as installed in the following magnetos shipped from Bendix:

Type D6(L) or (R)N - 3000  
D6(L) or (R)N - 3200  
P/N 10-682560-10  
10-682560-11  
10-682560-13  
10-682910-13  
10-682910-18

Affected serial number range of magnetos shipped from Bendix:

New manufacture, red label S/N 84480079 - 85050388  
Remanufactured, blue label S/N 85020115 - 85050510

Exceptions to items 1 and 2 above:

Magnetos identified with a P in the block immediately below the serial number block on the data plate have previously been complied with.

MAINTENANCE SPARE PARTS AFFECTED:

Distributor block kit part number 10-682056 (6 Cylinder)

Affected kits consist of:

Block 10-682046 - 1 ea.  
Bearing 10-382971 - 1 ea

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Allied Corporation  
Bendix Engine Products Division

# SERVICE BULLETIN

## COMPLIANCE

At first maintenance opportunity or next magneto overhaul.

## GENERAL INFORMATION:

445 subject blocks were shipped from our facility. 296 shipped as spare blocks and 149 installed in magnetos. The reason for replacing these blocks is to increase the surface area on the block at the securing screw locations.

Reports indicate the flat washer P/N 10-4987 used on the distributor block securing screws P/N 10-35937-20 do not have sufficient diameter and may damage the block material when the screw is torqued.

## DETAILED INFORMATION:

To determine affected block, measure counter sunk hole to insure .427 inch diameter per figure 1. Reject block with counter sunk hole with .359 inch diameter only. All magnetos and spare blocks shipped from our facility, effective immediately, have a counter sunk hole with diameter .427 inch. See Figure 1.

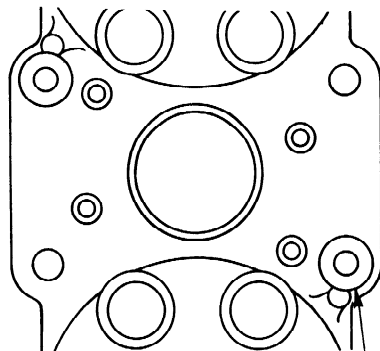


Figure 1

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Allied Corporation  
Bendix Engine Products Division

# SERVICE BULLETIN

Spare block kits shipped from the factory now include 4 flat washers, P/N 10-685548, as bag parts. The O.D. of the new washer is .396 inch. Original washer P/N 10-4987 with O.D. .328 inch should not be used with the block kit, P/N 10-682056.

## CAUTION

WHEN REPLACING AFFECTED DISTRIBUTOR BLOCKS,  
FOLLOW BENDIX PUBLISHED PROCEDURES.

## IDENTIFICATION:

Upon completion of requirements of this Service Bulletin:

1. Identify the magneto by metal stamping a 1/16 inch letter P in the block immediately below the serial number block on the data plate.
2. Make an appropriate engine log book entry recording the serial number of the magneto involved.

## WARRANTY CONSIDERATION:

Affected blocks will be replaced at no charge upon submission of a warranty claim submitted no later than March 31, 1986 through a currently authorized Bendix Engine Products Division distributor.

## NOTE

Warranty replacement of block assemblies will not be made if block is in compliance with this bulletin.

## SPECIAL TOOLS REQUIRED:

None

## MANHOURS REQUIRED:

None

## WEIGHT CHANGE:

None

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