



HUGHES  
SERVICE INFORMATION  
LETTER

TO—All owners and operators of Hughes Helicopters

SUBJECT: BENDIX CORPORATION, RS FUEL INJECTION SERVICE  
BULLETIN NO. 23, DATED 10 JANUARY 1967

MODELS AFFECTED: All 269 Series Helicopters with HIO -360-A1A or B1A  
or B1B Fuel Injected Engine

Your attention is directed to Bendix Service Bulletin No. 23 reprinted as part of this Service Information Letter. The Service Bulletin lists instructions for replacement of the idle linkage adjustment spring with a newly designed spring for the Bendix Fuel Injection System, Model RSA-5 Series.

Avco Lycoming Division Service Instruction No. 1178 is also included and lists Lycoming engines affected and time of compliance with Bulletin No. 23. It is noted that in addition to HIO-360-A1A and HIO-360-B1A engines listed, all Hughes helicopters with engines converted to an HIO-360-B1B fuel injection configuration are also affected. (Refer to Hughes Service Information Letter No. L-28, dated July 27, 1967)

The subject part required (P/N 2525165 spring) may be procured at any authorized Bendix dealer, or by contacting Pacific Airmotive Corporation, 2840 North Hollywood Way, Burbank, California, USA.

It is required that all owners and operators of affected Hughes 269 Series Helicopters comply with the provisions of the above Service Bulletin No. 23 and Service Instruction No. 1178.





# Service Instruction

**LYCOMING DIVISION**  
WILLIAMSPORT, PA. 17701



DATE: August 18, 1967 Service Instruction No. 1178  
Engineering Aspects are  
FAA (DEER) Approved

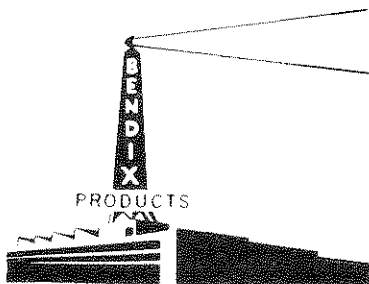
SUBJECT: Bendix Fuel Injection Bulletin No. 23

MODELS AFFECTED: Avco Lycoming IO-320, AIO-360, IO-360, HIO-360, IVO-360, TIO-360 and IO-540 models as specifically listed below

TIME OF COMPLIANCE: Compliance with Bendix Fuel Injection Bulletin No. 23, as herewith printed in its entirety is required at the next 100 hour inspection, or earlier in helicopter installation using the following Avco Lycoming engines:-  
                                  HIO-360-A1A           (Hughes 300)  
                                  HIO-360-B1A           (Hughes 269-A-1)

Compliance with Bendix Fuel Injection Bulletin No. 23, as herewith printed in its entirety is required during next overhaul of the engine or fuel injector on aircraft powered by the following Avco Lycoming engines:- IO-320, IO-360, IVO-360 Series; HIO-360-C and IO-540-C, -D, -J Series

BENDIX LETTER ON REVERSE SIDE



# RS FUEL INJECTION SERVICE BULLETIN

No. 23

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THE *Bendix* CORPORATION  
BENDIX PRODUCTS AEROSPACE DIVISION  
SOUTH BEND 79, INDIANA

SUBJECT: BENDIX FUEL INJECTION SYSTEM, MODEL RSA-5 SERIES, SPRING, IDLE LINKAGE ADJUSTMENT, REPLACEMENT OF

REFERENCE: None.

PUBLICATION AFFECTED:

Bendix Form No. 15-419 Overhaul and Illustrated Parts Breakdown  
15 July 1965.

Bendix Form No. 15-381A Overhaul and Illustrated Parts Breakdown  
1 May 1965, Revised  
January 1966.

REASON FOR BULLETIN: To provide instructions on replacing the idle linkage adjustment spring with a new design spring to increase service life.

COMPLIANCE:

- Operating Activities:
- Comply with the provisions of this bulletin at the next 100 hour inspection or sooner on helicopter installations using the RSA-5AB1, P/L 2524199-1, -2; 2524216-1, -2; 2524254-1, and 2524262-1.
  - All others at overhaul.

Overhaul Activities: Comply with at current overhaul.

DETAILED INSTRUCTIONS:

- Remove spring P/N 2520387.
- Install spring P/N 2525165.

IDENTIFICATION: No reidentification required.

PARTS REQUIRED:

<u>Name of Part</u>	<u>Bendix P/N</u>	<u>Unit/Qty.</u>	<u>Source</u>
Spring	2525165	1	1

SOURCE OF PARTS: Requisition through the normal channels.

PARTS REMOVED:

<u>Name of Part</u>	<u>Bendix P/N</u>	<u>Unit/Qty.</u>	<u>Disposition</u>
Spring	2520387	1	Scrap

SPECIAL MATERIALS REQUIRED: None.

SPECIAL TOOLS REQUIRED: None.

MAN-HOURS REQUIRED: Not applicable.

WEIGHT & BALANCE: Not applicable.