



South Bend, Indiana 46620, U.S.A.

Service Bulletin

Fuel Systems

Bulletin No.: RS-44

Date: 8/12/76

Revised: _____

Subject: Bendix Fuel Injection System, Model RSA-5AD1, Modification of:

1. Planning Information

A. Effectivity:

<u>Engine</u>	<u>Aircraft</u>	<u>Basic P/L</u>	<u>Installation P/L</u>
AE10-320-E2B	Bellanca 7KCAB	2524472B	2524307-3

B. Reason:

To meet revised engine requirements by incorporation of a revised flow schedule.

C. Description:

To provide modification instructions for the subject control.

D. Compliance:

Operating Activities: For information only.

Overhaul Activities: Recommend compliance not later than next overhaul.

E. Manpower:

No additional manhours are required if performed during normal overhaul.

F. Material Availability:

<u>Part Number</u>	<u>Nomenclature</u>	<u>Availability</u>
2539602	Valve, Idle Lower	Product Support Center
367756	Plate, Identification	Product Support Center

G. Tooling:

Not affected.

H. Weight and Balance:

Negligible.

Subject: Bendix Fuel Injection System, Model RSA-5AD1, Modification of:

1. Planning Information (continued)

I. References:

Lycoming request.

J. Publications Affected:

Overhaul manual and Illustrated Parts List, Bendix Form 15-381D dated 1 May 75, Change 1 dated 15 Jul 75.

2. Accomplishment Instructions:

A. Utilizing the overhaul manual, Bendix form 15-381D, modify the fuel injector as indicated:

(1) Replace the P/N 2521974 valve, idle lower, with the P/N 2539602 valve, idle lower.

B. Final Calibration Procedure and Limits. Calibrate the fuel injector in accordance with figure 1.

C. Reidentify the modified fuel injector by installing a new P/N 367756 identification plate with the following information either metal stamped, vibropeened or scribed.

(1) I.C.: Leave blank.

(2) Model: RSA-5AD1

(3) Basic No.: 2524724A.

(4) Parts List No.: 2524723-1.

(5) Transfer the exact serial number from the old identification plate.

3. Material Information:

<u>New P/N</u>	<u>Qty.</u>	<u>Nomenclature</u>	<u>Old P/N</u>	<u>Disposition</u>
2539602	1	Valve, Idle Lower	2521974	A
367756	1	Plate, Identification	367756	B
186739	2	Screw, Self Tapping	186739	B

A. If serviceable retain for use on other units.

B. Scrap.

