

SERVICE INFORMATION LETTER

FOR

DC-400A ADAPTER MODULE FOR SAAB-FAIRCHILD SF-340

BARFIELD P/N 101-00809

Subject: Errata for User Instruction Manual 56-101-00809, Issued on Jan. 29th, 1988

Purpose: To inform users of the referred Adapter Module of revised testing values (Section 1 of this SIL) and revised calibration procedures (Section 2 of this SIL).

Effectivity: Immediate.

Compliance: Compliance with this SIL is MANDATORY.

Planning: The revised values and procedures indicated in this SIL will be included in an upcoming revision B of the referred manual.

SECTION 1 (REVISED TESTING VALUES)

History: It has been found that the range of capacitance values, indicated in Figures 1, 2, and 5 of the referred manual, need to be modified.

Accomplishment: For Section 1-2, Page 4, paragraph 3.C.(2), Figure 1, apply the table below.

Figure 1 Table of Inboard Individual Probe Values (Revised)

Tank Group	Probe Select Position	Probe Part Number	Capacitance Value (pF)
Inboard	1	40007-0000-0101	4.1 ± 0.5
Inboard	2	40007-0000-0102	28.1 ± 0.5
Inboard	3	40007-0000-0103	29.3 ± 0.5

For Section 1-2, Page 5, paragraph 3.D.(2) (b), Figure 2, apply the table below.

Figure 2 Table of Outboard Individual Probe Values (Revised)

Tank Group	Probe Select Position	Probe Part Number	Capacitance Value (pF)
Outboard	1	40008-0000-0101	23.2 ± 0.5
Outboard	2	40008-0000-0102	20.8 ± 0.5
Outboard	3	40008-0000-0103	19.3 ± 0.5

For Section 1-2, Page 21, paragraph 9.B.(2), Figure 5, apply the table below.

Figure 5 Individual Probe Values / Location (Revised)

Tank Group	Probe Select Position	Probe Part Number	Capacitance Value (pF)
Inboard	1	40007-0000-0101	4.1 ± 0.5
Inboard	2	40007-0000-0102	28.1 ± 0.5
Inboard	3	40007-0000-0103	29.3 ± 0.5
Outboard	1	40008-0000-0101	23.2 ± 0.5
Outboard	2	40008-0000-0102	20.8 ± 0.5
Outboard	3	40008-0000-0103	19.3 ± 0.5

SECTION 2 (REVISED CALIBRATION PROCEDURES)

History: It has been found that two related calibration procedures of the referred manual are missing one step, which is the same for both procedures and at the same position in the sequence.

Accomplishment: The following two procedures of Section 1-2: Page 17, “Test Procedure for System Calibration Preferred Method, Dry Tank” (subsection 7.C), and Page 19, “Test Procedure for System Calibration Alternate Method, Wet Tank” (subsection 8.C), both are missing the same step, immediately after step (4) “Release the PRESS TO READ CAP (pF) pushbutton.” The new step will read:

(5) Rotate the TEST FUNCTION selector switch to IND AMP.

Current step (5) of both procedures will be renumbered as (6), with the following steps of both renumbered accordingly, in the upcoming revision of this manual.

Inquiries may be emailed to gsesales@barfieldinc.com.