

Rockwell service letter No. SL-AG-79

International

P.O. BOX 3090 ALBANY, GEORGIA 31706-3090 PHONE 229/883-1440 FAX 229/439-9790

Service Letter No. SL-AG-79
30 January, 1976

CARBURETOR HEAT MODIFICATION

MODELS AFFECTED: S-2R, S/N 5000 thru 5082.

REASON FOR PUBLICATION: Improve carburetor heat reliability.

COMPLIANCE: At owners discretion.

BY WHOM WORK WILL BE ACCOMPLISHED: A & P Mechanic or equivalent

APPROVAL: FAA DER Approved

ESTIMATED MAN HOURS: Three (3) Hours

PARTS DATA: Parts required to comply with this Service Letter are furnished as a kit, at no charge, by Rockwell International, General Aviation Division, Albany, Georgia, 31702 and consists of the following:

Qty	Part No.	Description
1	10994-658	Screen
2	60513-25	Arm Assy
1	60513-31	Arm Assy
1	60513-35	Arm Assy
1		Compliance Card
1	Service Letter SL-AG-79	Instructions

SPECIAL TOOLS: None

ACCOMPLISHMENT INSTRUCTIONS:

NOTE

Service Letter No. SL-AG-75 must be incorporated prior to or concurrently with this Service Letter.

- 1 Remove upper left and right engine cowling to gain access to carburetor air selector valve assembly and hot induction assembly.
- 2 Remove bolts attaching hot air induction assembly to left engine cowling ring half.
- 3 Install 10994-658 screen between hot air induction assembly and left engine cowling ring half using existing hardware (see Figure 1).
- 4 Disconnect controls and flex ducts from carburetor air selector valve assembly.
- 5 Remove top from carburetor air selector valve assembly.
- 6 Remove carburetor air selector valve assembly from engine.
- 7 Remove and discard forward arm assembly from weld assembly. Retain attaching hardware for later installation.
- 8 Remove tapered pin that attaches control arm assembly to valve assembly and remove valve assembly.
9. Remove forward arm assembly from valve assembly and install 60513-25 arm assembly using MS20426AD4 rivet (4 places)(see figure 1).
10. Remove and discard aft arm assembly from weld assembly.
11. Install 60513-25 arm assembly on aft hole in weld assembly using MS20426AD4 (4 places)(see Figure 1).
12. Install valve assembly in weld assembly and install 60513-31 control arm assembly on valve assembly using existing tapered pin (see Figure 1).
13. Install 60513-35 arm assembly on forward hole in weld assembly using existing hardware (see Figure 1).
14. Reinstall carburetor air selector valve assembly on engine using existing hardware.
15. Reinstall top on carburetor air selector valve assembly using existing hardware.
16. Reconnect flex dusts and controls to carburetor air selector valve assembly using existing clamps and hardware.

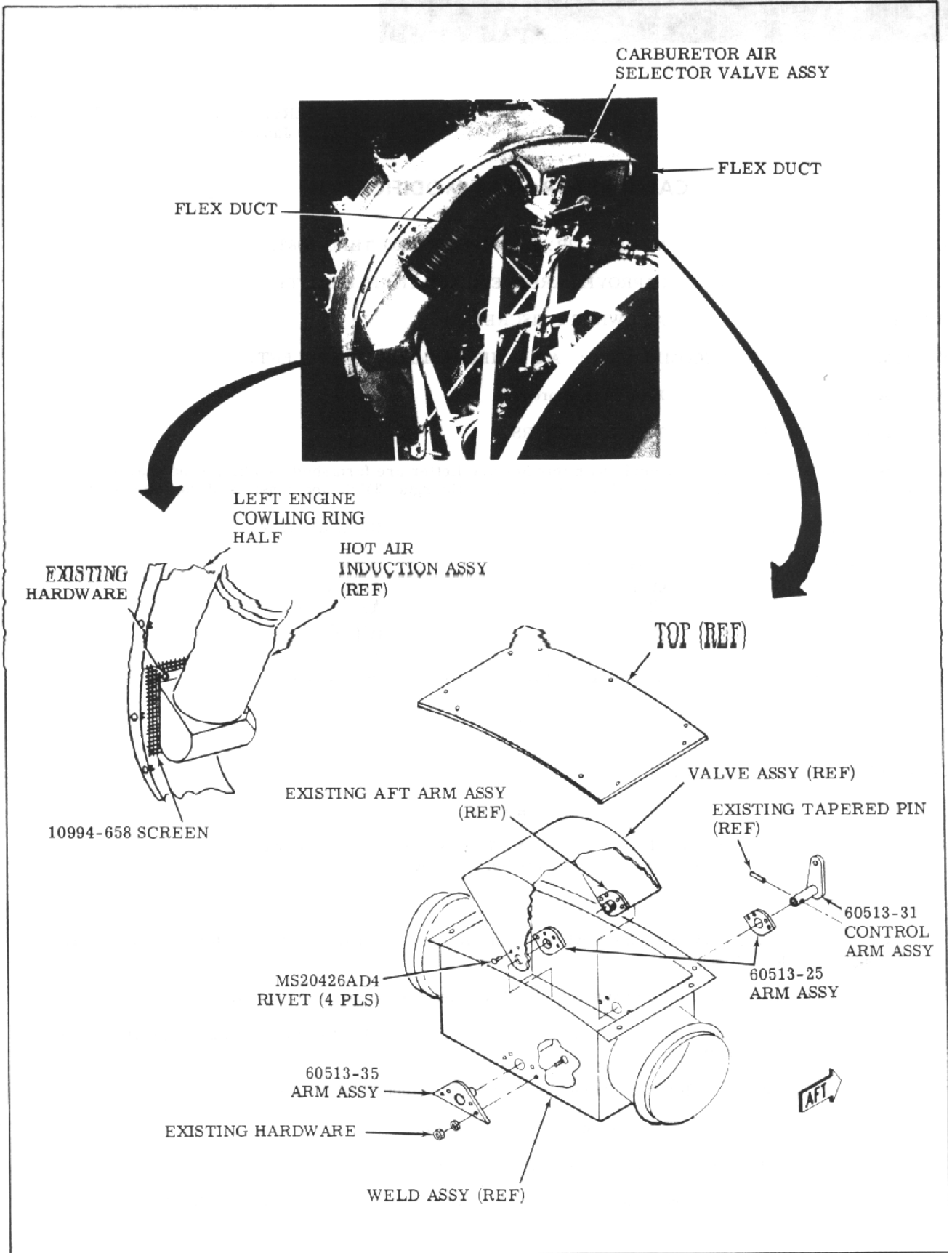


Figure 1.

17. Assure that Service Letter No. SL-AG-75 has been complied with.
18. Reinstall engine cowling.
19. Fill out and mail Compliance Card.

ELECTRICAL LOAD: No Change

WEIGHT AND BALANCE: No Change

PUBLICATIONS AFFECTED: The Illustrated Parts required by this document will be incorporated at the next scheduled change/revision.

RECORD COMPLIANCE: Make appropriate entry in airplane maintenance records as follows:

Service Letter No. SL-AG-79 dated 30 January 1976, entitled "Carburetor Heat Modification", accomplished (date) _____.