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Hours: 7:00 am – 5:30 pm, CST

Tear Down Report

Customer: NTSB

Date: 1/23/2020

Attention: _____

Special Instructions from Customer: Check inlet screen for debris and remove drain plug to see if there is any water or debris in fuel bowl.

Then test unit on bench to verify proper operation.

Test Results (if preformed) prior to tear down: Found some fibrous material in the fuel inlet screen, however not enough to impede fuel flow.

Removal of drain plug did not reveal any foreign material in fuel bowl. Tested unit IAW Marvel Schebler manual MSACSM Rev. 1 dated 5/15/2013.

Found no leaks during testing. Fuel bowl filled to proper level at 6 psi, however, the fuel level continued to slowly rise to the parting surface. Upon testing the operation of the accelerator pump, the discharge flow did appear to be weak in flow.

Obvious problems noted during tear down: The 4 body to bowl screws were loose with the lock tabs intact. Carb had a brass metal float.

The float pontoons were not compromised and the pontoon level was 7/32" as per specs. The float seat was properly torqued and the float needle did not appear to have significant wear. The main fuel discharge nozzle was unobstructed. The fuel bowl was clean with no corrosive pitting or debris.

Reassembly procedure: Reassembled unit per specs with existing parts.

Test results following repair or overhaul: Test following reassembly was not performed.

P/N: 10-3237

S/N: 400706L

Customer P.O. STEPHEN STEIN

S.O. 067374

Work Order #: 060513

Inspector: Joseph R. Ellis