



# SERVICE LETTER

No. 547

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

March 25, 1970

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Subject: Lycoming Turbocharged Aztec Modifications

Models Affected: PA-23-250 (Six Place) and PA-E23-250 (Six Place) Aztec "D"

Serial Numbers Affected: 27-4053, 27-4225 to 27-4462 incl. (Lycoming Turbocharged only)

Compliance Time: Prior to but not later than the next 100 hours of operation.

Purpose: To provide material and instructions to accomplish the following modifications on the above referenced aircraft with factory installed Lycoming Turbocharger System:

1. Readjustment of propeller low pitch stop setting;
2. Re-setting of governor, as required;
3. Installation of new Fuel Flow Gauge;
4. Revision of existing Airplane Flight Manual, as specified in the applicable modification kit (reference Material Required, below);
5. Installation of engine bottom cowl fairings, which will insure adequate clearance between the exhaust stack and the engine cowling.

NOTE: All of the above modifications (Nos. 1 to 5 incl.) do not necessarily apply to all affected aircraft; reference Material Required for appropriate modification/aircraft serial number applicability.

Instructions: Contained in applicable modification kits, reference Material Required, below.

Material Required: The modification kits listed below apply only to the Lycoming Turbocharged aircraft within the specified serial number range.

Serial numbers 27-4053, 27-4226 to 27-4376 incl., 27-4379, 27-4380, 27-4388, 27-4390 to 27-4400 incl., and 27-4450; one (1) each Kit 760 379, Lycoming Turbocharger System Modification (relative to modifications Nos. 1 to 4 incl., as specified in Purpose, above); one (1) each per aircraft.

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Material Required: (continued)

Serial numbers 27-4378, 27-4381 to 27-4384 incl., 27-4402 to 27-4449 incl.; one (1) each Kit 760 380, Fuel Flow Gauge Replacement (relative to modifications Nos. 3 and 4, as specified in Purpose, above); one each per aircraft.

Serial numbers 27-4053, 27-4226 to 27-4402 incl., 27-4412 to 27-4431 incl., 27-4433 to 27-4455 incl., and 27-4462; one (1) each Kit 760 382, Bottom Cowl Fairing Installation (relative to modification No. 5, as specified in Purpose, above, one (1) each per aircraft.

Availability of Parts:

Piper Dealer.

Material Allowance:

One each Kit No. 760 379, Lycoming Turbocharger System Modification or Kit No. 760 380, Fuel Flow Gauge Replacement and one each Kit No. 760 382, Bottom Cowl Fairing Installation (reference Material Required, above for appropriate modification kit/aircraft serial number applicability); comply with Service Publication Compliance/Credit Request procedure.

Labor Allowance:

Kit No. 760 379; Three (3) Hours.

Kit No. 760 380; One (1) Hour.

Kit No. 760 382; Two (2) Hours.

Comply with Service Publication Compliance/Credit Request procedure.

Material/Labor Allowance  
Termination Date:

December 31, 1970.

Disposition of Parts in Stock:

<u>Part Number</u>	<u>Nomenclature</u>	<u>Code</u>
32858-00	Fuel Flow Gauge	B
550 902	Propeller - HC-E2YR-2RB/8465-74	Reset low pitch stop according to instructions in Kit No. 760 379, Lycoming Turbocharger System Modification.
32387-00	Bottom Cowl Assy. (left)	Modify with Kit No. 760 382, Bottom Cowl Fairing Installation; Material and Labor Allowance (one (1) hour per cowl assy.) credit may be obtained by the submittal of a Service Publication Compliance/Credit Request form, making reference to "Parts in Stock."
32387-01	Bottom Cowl Assy. (right)	Modify with Kit No. 760 382, Bottom Cowl Fairing Installation; Material and Labor Allowance (one (1) hour per cowl assy.) credit may be obtained by the submittal of a Service Publication Compliance/Credit Request form, making reference to "Parts in Stock."

Disposition of Replaced Parts:

<u>Part Number</u>	<u>Nomenclature</u>	<u>Code</u>
32858-00	Fuel Flow Gauge	B