

# Service Bulletins

## Letters and Instructions

# INDEX

SSP-112-8

January 2019



652 Oliver Street  
Williamsport, PA 17701 U.S.A.

Phone:

Main Office U.S. and Canada Toll Free +1 (800) 258-3279

Direct +1 (570) 323-6181

Sales Department +1 (570) 327-7278

Facsimile +1 (570) 327-7101

Visit us on the World Wide Web at: [Lycoming.com](http://Lycoming.com)

# Service Bulletins, Letters, and Instructions Index

Lycoming Part Number: SSP-112-8

© 2019 Lycoming. All rights reserved.

Lycoming and “Powered by Lycoming” are trademarks or registered trademarks of Lycoming.

All brand and product names referenced in this publication are trademarks or registered trademarks of their respective companies.

## For additional information:

### Mailing address:

Lycoming Engines  
652 Oliver Street  
Williamsport, PA 17701 U.S.A.

### Phone:

Factory:	U.S. and Canada toll free - +1(800) 258-3279 International Customers - +1(570) 323-6181
Sales Department:	+1(570) 327-7278
Fax:	+1(570) 327-7101

Lycoming’s regular business hours are Monday through Friday from 8:00 A.M. through 5:00 P.M. Eastern Time (-5 GMT)

Visit us on the **World Wide Web** at: [Lycoming.com](http://Lycoming.com)

## Index of Service Bulletins, Letters, and Instructions

Alphabetical Index .....	2
Active Publications (Numerical Listing) .....	43
Engine Application Index .....	44
List of Supersedures .....	67
Inactive Publications .....	69

### NOTE

In addition to the operator’s manuals, installation and operation manuals, service manuals, maintenance manuals, overhaul manuals, and parts catalogs that are published to maintain and operate the various models of Lycoming engines in airworthy condition; bulletins, letters, and instructions are issued as required to inform all concerned of new policies, products, modifications, and maintenance information applicable to the support of Lycoming aircraft engines. Service Letters are issued to explain service policies and introduce new products or processes approved for Lycoming engines. Service Instructions describe modifications, processes, and other information pertinent to the maintenance, repair, and overhaul of Lycoming engines. Service Bulletins (published since April 1960) describe mandatory procedures that must be observed for safety reasons.

Subscription services for Complete Sets of Active Service Bulletins, Letters, and Instructions are available from an authorized Lycoming publications distributor. A listing of authorized Lycoming publications distributors can be found in the latest revision of Service Letter No. L114.

Lycoming recommends that owners of this index sign up for email notification on the Technical Publications page of our website [Lycoming Technical Publications](#). By submitting your email address, you will receive notification whenever Lycoming publishes a new or revised Service Bulletin, Letter, or Instruction.

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1110C	AC Fuel Pumps, Replacement
S.I. 1212	Accelerator Pump, Marvel-Schebler Carburetors with – O-235-C Series
S.L. L271	Access Lycoming Digital Technical Publications, How to
S.I. 1351	Accessory Drive Gear and Drive Shaft
S.I. 1503	Accessory Drive Gear and Shaft Dowel Replacement
S.I. 1203	Accessory Drive Shaft Adapter Assy., Installation of Improved
S.I. 1145	Accessory Drive Shaft, Modification to Incorporate Larger Spline Drive
S.I. 1171	Accessory Housing and Covers, Salvage of
S.I. 1394	Accessory Housing Assy. and Housing Cover Assy. Modification to Retrofit Hollow Oil Transfer Dowel
S.B. 247	Accessory Housing, Modification of Oil Metering Plug
S.I. 1203	Adapter Assy., Accessory Drive Shaft, Installation of Approved
S.I. 1295	Adapter Bearing, Oversize Supercharger
S.B. 411D	Adapter Kit for Magneto Isolation Drive
S.I. 1436A	Adapter Kit for Magneto Isolation Drive
S.I. 1510A	Adapter Kit for Magneto Isolation Drive
S.I. 1368	Adapter Seal Washer and Retainer, Tachometer
S.I. 1329A	Adapter Seals, Supercharger Inlet
S.I. 1158	Adapter, Magneto Drive, Replacement
S.B. 466	Adapter, Oil Filter Base, Inspection
S.L. L218	Adapters, Fuel Pump
S.L. L190	Additive, Fuel, Use of “TCP”
S.L. L172C	Additive, Fuel, Use of Ethylene Glycol Monomethyl Ether (EGME) such as “Prist” and Diethylene Glycol Monomethyl Ether (DIEGME or DEGMME)
S.L. L226	Additive, Oil P/N LW-16702, Discoloration
S.B. 471B	Additive, Oil, Use of Textron Lycoming LW-16702
S.B. 446E*	Additive, Oil, Use of Textron Lycoming LW-16702 (A.D. #80-04-03)
S.I. 1409C	Additive, Oil, Use of Textron Lycoming LW-16702
S.I. 1559	Adjusting Fuel Pressure on AN-Drive Type Fuel Pumps
S.L. L154B	Adjustment Consideration for Returned and/or Run-Out Engines
S.B. 465C*	Aerobatic Engine Crankshaft Flange Inspection (A.D. #84-13-05)
S.B. 403	Aerobatic Engine Lubricating Requirements
S.L. L208	Aerobatic Engines, Breather Options
S.I. 1570	Aerobatic Inverted Oil System, Alternate Oil Sump Fitting Configuration for
S.L. L202B	Aerobatic Maneuvers, Engines Installed in Aircraft Used for, All 320, 360, and 540 Series Using Crankshafts with Lightning Holes
S.B. 509	Aeroquip S.B. AA135, “601 Hose Assemblies”
S.I. 1464	Aeroquip S.B. AA91, “Hose Line Problems”
S.B. 598A	Aeroquip (P/N NH1008723-10 and MVT69183-225, V-Band Clamp P/N LW-12125-3 and LW-12093-6 on Turbocharged Engines
S.I. 1002	Air Filters, Carburetor, Proper Maintenance
S.I. 1396	Air Housing, Induction, Redesigned
S.B. 417A	Air Inlet Housing
S.B. 538A	Air Inlet Tube Replacement
S.B. 401A	After a Lightning Strike, Recommended Guidance
S.B. 361	AiResearch Bulletin No. 1172-1A, “Turbocharger Modification”
S.B. 347	AiResearch Bulletin No. 571-1, “Turbine Housing Inspection & Replacement”
S.B. 329A	AiResearch Bulletin No. TP60-0100, “Turbine Housing Inspection”
S.B. 383	AiResearch Bulletin No. TP60-0101, “Inspection of Model T1823 Turbocharger with Stainless Steel Turbine Housings”
S.B. 379	AiResearch Bulletin No. TP60-0103, “Inspection of Remanufactured Waste Gate Valve Assy.”
S.B. 391A	AiResearch Bulletin No. TP60-0105, “Turbocharger Repl. Or Mod. (Refer to Supplement No. 1 to S.B. 391A)
S.B. 440	AiResearch Bulletin No. TP60-0115, “Spring Pin Replacement – Variable Absolute Pressure Controllers”
S.B. 450	AiResearch Bulletin No. TP60-0119, “Bypass Valve Modification”

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 452A	AiResearch Bulletin No. TP60-0121, "Turbo Inspection"
S.I. 1223	AiResearch Instruction No. 969-1, "Freeing Turbine Shaft"
S.I. 1328	AiResearch Letter No. TP61-0002, "Turbocharger Replacement"
S.I. 1416	AiResearch Letter No. TP61-0039, "Turbocharger Bypass Valve Modification"
S.L. L231	AiResearch Turbo Control Test Set P/N 481070-1, Variable Absolute Pressure Controller Calibration Values
S.B. 484*	Alignment, Inspection and Modification of Crossover Exhaust Assembly (A.D. #89-12-04)
S.B. 213A	Allen Head Nuts (Cylinder Base), Replacing Cylinder Base Spline Nuts with
S.I. 1570	Alternate Oil Sump Fitting Configuration for Aerobatic Inverted Oil System
S.L. L142B	Alterations, Policy Relative to Affecting Engine Performance
S.B. 386	Alternator Bearing Lubrication – TIGO-541-E
S.I. 1254	Alternator Belt Replacement
S.B. 536	Alternator Belt Tension
S.I. 1129D	Alternator Belt Tension, Methods of Checking
S.B. 511	Alternator Bracket Installation
S.I. 1531	Alternator Bracket for Engines Equipped with Kelly Aerospace E-drive Starters
S.B. 356	Alternator Bracket Support, Addition of – TIO-540-A2C
S.I. 1283A	Alternator Cog Belt and Pulley Installation
S.I. 1330A	Alternator Drive Coupling, Spring Loaded – TIGO-541-E
S.B. 625	Alternator Fan Backplate
S.I. 1266	Alternator Ground Strap – All Engines with Prestolite
S.B. 623	Alternator, Hartzell (HET) Service Bulletin SB-062 P/N LW-14326 or LW-14338, Reprint
S.I. 1270A	Alternator Mounting Bracket Shims
S.I. 1249	Alternator Pulley and Shaft Assy.
S.I. 1259	Alternator Replacement – VO-435-B1A
S.I. 1515	Alternator, Kelly Aerospace Power Systems Service Information Letter No. A-115, "Recommended Service/ Inspection for Alternator Series ALE, ALU, ALY, ALX"
S.I. 1253	Alternator, Prestolite Bulletin No. ASM-5, "Field Terminal Stud Insulation Replacement"
S.I. 1237A	Alternator, Prestolite Bulletins No. ASM-3 & ASM-4, "Aircraft Charging System Service Precautions"
S.I. 1451A	Alternator, Starter and Compressor Installation
S.I. 1105B	Alternator/Generator Mounting Brackets, Periodic Inspection
S.I. 1154V	Alternators and Starters, FAA Approved
S.B. 524*	Aluminum and Sintered Iron Oil Pump Impellers, Replacement (Refer to Supplement No. 1 to S.B. 524) (A.D. #96-09-10)
S.L. L235A	Aluminum Hub Propeller, Hartzell Compact, Installation on Comanche 250 Aircraft
S.I. 1559	AN-Drive Type Fuel Pumps, Adjusting Fuel Pressure on
S.L. L147B	Anderol 471 All-Climate Synthetic Aircraft Lubricant
S.I. 1543	Approve Tappet P/N 15B26262, Notification
S.L. L255A	Approved Diaphragm-Type Fuel Pumps
S.I. 1532K	Approved Fuel Injectors, Fuel Manifold Assemblies, and Fuel Nozzle Assemblies
S.I. 1549	Approved Fuel Pump Plunger P/N 23D26777, Notification of
S.L. L237	Area Code, Telephone, Change, Textron Lycoming, Williamsport, PA
S.I. 1454A	Arm, Rocker, Assembly Replacement Part (Refer to Supplement No. 1 to S.B. 1454A)
S.I. 1210B*	Attaching Nut Replacement, Pinion Cage (A.D. #69-25-08)
S.I. 1196	Attaching Studs, Replacement of Reduction Gear
S.I. 1508C	Attachment, Magneto
S.B. 626A	AVStar Flow Divider (Lycoming Fuel Manifold) Inspection
S.B. 596	AVStar Fuel Servo, Mandatory S.B. AFS-SB6
S.L. L253C	AVStar Fuel System Warranty Repair of
S.I. 1076	Backlash, Bevel Gear Assemblies, Pitch Alignment and
S.B. 625	Backplate, Alternator Fan
S.B. 613	Backplate Assembly P/N 407895-0058, Turbocharger, Hartzell Alert Service Bulletin No. 057
S.B. 579	Baffle, Oil Sump and Oil Sump Assembly, Clearance Between
S.I. 1279C	Baffle, Replacement, Oil Sump

**Alphabetical Listing of Lycoming  
Service Bulletins, Letters, and Instructions**

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 489A	Baffle Assembly, P/N LW-13383, Oil Sump
S.I. 1363	Ball Joint and Retaining Strap, Exhaust Manifold
S.I. 1292A	Bearing and Lubrication Modifications, Stainless Steel Thrust
S.I. 1377	Bearing Bore Repair, Crankcase Main, and Oversize Main Bearings (Refer to Supplement No. 1 to S.I. 1377)
S.B. 326A*	Bearing Dowel Replacement (A.D. #'s 71-05-02 & 72-21-06)
S.I. 1225D	Bearing Dowel, Crankcase, Replacement
S.I. 1250	Bearing Lubrication, Propeller Shaft
S.I. 1177B	Bearing Repair, Governor Drive, in Crankcase
S.B. 547*	Bearing Replacement, Connecting Rod on TIO-540-AE2A Model Engines (Refer to Supplement No. 1 to S.B. 547)
S.B. 561*	Bearing Replacement, Connecting Rod on (L)TIO-540-U2A, -V2AD, and -W2A Engines
S.I. 1020B	Bearing Replacement, Crankshaft Main
S.B. 544B	Bearing Replacement, Part Identification
S.I. 1312	Bearing Replacement, Propeller Drive Thrust (Crankcase P/N LW-13082)
S.I. 1149	Bearing Support Web, Crankcase, Inspection & Modification
S.I. 1108C	Bearing Surfaces, Propeller Shaft, Repair (Refer to Supplement No. 1 to S.I. 1108C)
S.I. 1512	Bearing Upgrade, Main and Connecting Rod ( Also Reference Supplement No. 1 to S.I. 1512)
S.B. 386	Bearing, Alternator, Location
S.B. 327C*	Bearing, Inspection of Center Main (A.D. #'s 71-05-02 & 72-21-06)
S.I. 1295	Bearing, Oversize Supercharger Adapter
S.I. 1356	Bearing, Oversize Thrust, for Reduction Gear
S.B. 390A	Bearing, Propeller Thrust (LW-12978) Inspection
S.B. 276	Bearing, Replacement of Front Main at Overhaul
S.B. 371B*	Bearings, High-Crush, New Rod Kits (A.D. #73-05-01)
S.I. 1432A	Bearings, Installation of High-Crush, Thin-Wall Rear Main in Crankcases without Retention Dowels
S.I. 1283A	Belt and Pulley, Alternator Cog, Installation
S.B. 536	Belt Tension, Alternator
S.I. 1129D	Belt Tension, Alternator, Method of Checking
S.I. 1254	Belt, Alternator, Replacement
S.I. 1252C	Bendix 1200 Series Magneto Installation
S.B. 516A	Bendix and TCM S-20 and S-1200 Series Impulse Coupling Magnetos, Inspection and Removal
S.I. 1276	Bendix Electrical Components Bulletin No. 529A, "Torque Values for Drive Shaft Nut"
S.I. 1365	Bendix Electrical Components Bulletin No. 597, "Cleaning Ignition Harness Spark Plug Ends"
S.I. 1375	Bendix Electrical Components Bulletin No. 603, "Ignition Noise in Aircraft Communications Equipment"
S.B. 305B*	Bendix Fuel Injector Bulletin No. 18, Rev. 4, "Replacement of Bendix Fuel Diaphragm Assy. (A.D. #67-22-06)
S.I. 1166A	Bendix Fuel Injector Bulletin No. 20, Rev. 2, "Identifying Fuel to Air Seal Leak"
S.I. 1244	Bendix Fuel Injector Bulletin No. RS-35, "Changes – Regulator and Fuel Control System"
S.I. 1247	Bendix Fuel Injector Bulletin No. RS-37, "Replacement of Idle Valve Lever Assy."
S.B. 382*	Bendix Fuel Injector Bulletin No. RS-43, "Inspection & Modification of Flow Dividers" (A.D. #75-09-15)
S.B. 428*	Bendix Fuel Injector Bulletin No. RS-52, "Mod. Of RSA-5AB1, RSA-5AD1 & RSA-10AD1" (Refer to Supplement No. 1 to S.B. 428) (A.D. #78-23-10)
S.B. 429*	Bendix Fuel Injector Bulletin No. RS-53, "Modification of RSA-7AA1" (A.D. #78-23-10)
S.B. 430*	Bendix Fuel Injector Bulletin No. RS-54, "Modification of RSA-10DB1, RSA-10DB2 & RSA-10ED1" (Refer to Supplement No. 1 to S.B. 430) (A.D. #78-23-10)
S.B. 433A*	Bendix Fuel Injector Bulletin No. RS-57, Rev. 1, "Inspection of Fuel Diaphragm Assy. P/N 2529471" (A.D. #79-04-05)
S.B. 444A*	Bendix Fuel Injector Bulletin No. RS-62, Rev. 2, "Modification of Mixture Control Shaft Assy." (A.D. #81-03-05)
S.B. 445	Bendix Fuel Injector Bulletin No. RS-63, "Inspection of Fuel Diaphragm Assy."
S.B. 441	Bendix Fuel Injector Bulletin No. RS-66, "Modification of Idle Valve Assy."
S.B. 442*	Bendix Fuel Injector Bulletin No. RS-68, "Integrity Inspection of Regulator Stem Nut" (Refer to Supplement No. 1 to S.B. 442) (A.D. #'s 79-21-08 & 79-26-03)

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 443*	Bendix Fuel Injector Bulletin No. RS-69, "Integrity Inspection of Regulator Stem Nut" (A.D. #79-21-08)
S.I. 1414B	Bendix Fuel Injector Bulletin No. RS-77, Rev. 1, "Air Bleed Nozzle, RS & RSA Fuel Injection Systems, Two Piece Assembly"
S.B. 467*	Bendix Fuel Injector Bulletin No. RS-88, "Deter. Of Fuel Diaphragm Change" (Refer to Supplement No. 1 & No. 2 to S.B. 467) (A.D. #83-22-04)
S.I. 1378	Bendix Fuel Injector Bulletin No. SSB-317, "Overheating Bendix Fuel Injectors & Carburetors"
S.I. 1404A	Bendix Fuel Injector Bulletin No. SSB-318, "Overhaul Periods for Bendix Fuel System Components"
S.I. 1335	Bendix Fuel Injector Letter No. 22, "Mixture Control Maintenance"
S.B. 340	Bendix Magneto Bulletin No. 530A, "Securing Coil Clamp"
S.I. 1260	Bendix Magneto Bulletin No. 533A, "Acceptable Stress Relief Fissures, Flow Lines & Cracks"
S.I. 1226	Bendix Magneto Bulletin No. 545, "Tubing for S-1200 Cover Hold Down Screw"
S.B. 341	Bendix Magneto Bulletin No. 549, "Locating Shoulder for Carbon Brush Spring"
S.B. 343B	Bendix Magneto Bulletin No. 551A, "New Distributor Block Lubricant"
S.B. 376*	Bendix Magneto Bulletin No. 556B, "Magneto Drive Shaft Bushing Change" (A.D. #74-26-09)
S.I. 1282	Bendix Magneto Bulletin No. 560, "Replacement of Transformer Coils & Rotating Magnets"
S.B. 373	Bendix Magneto Bulletin No. 566, "S-1200 Distributor Block & Gear Change" (Refer to Supplement No. 1 to S.B. 373)
S.I. 1332	Bendix Magneto Bulletin No. 573, "Green Distributor Blocks"
S.I. 1327	Bendix Magneto Bulletin No. 580, "Breaker Securing Screws"
S.B. 416A*	Bendix Magneto Bulletin No. 584B, "Coil Retaining Devices, D2000/D2200 Mags" (A.D. #78-18-04)
S.B. 410*	Bendix Magneto Bulletin No. 587, "Inspection D2000 Carburetor & Lead Crimp Terminals" (A.D. #78-18-04)
S.I. 1367	Bendix Magneto Bulletin No. 588, "Stress Lines in Distributor Blocks"
S.B. 414*	Bendix Magneto Bulletin No. 589, "Rear Bearing Lubrication, D2000/D2200 Mags." (A.D. #77-17-07 references Bendix Magneto Bulletin No. 589)
S.B. 415A*	Bendix Magneto Bulletin No. 590A, "Rotating Magnet to Housing Clearance, D2000/D2200 Mags." (A.D. #78-18-04)
S.I. 1382	Bendix Magneto Bulletin No. 592, "Inspection of Breaker Contact Assys. & Capacitor Flag Terminal Crimps"
S.B. 427A	Bendix Magneto Bulletin No. 600, "10-353110 Bearing in D2000/D2200 Mags."
S.B. 438A*	Bendix Magneto Bulletin No. 605A, "Housing Distortion & Coil Retention" (A.D. #80-17-14)
S.B. 437*	Bendix Magneto Bulletin No. 606, "D2000/D2200 Mags. Using Green Distributor Blocks" (A.D. #79-12-07)
S.I. 1400	Bendix Magneto Bulletin No. 608, "Self-Locking Cam Retaining Screws"
S.B. 458	Bendix Magneto Bulletin No. 613, "Inspection and/or Replacement of Green Distributor Blocks"
S.B. 461	Bendix Magneto Bulletin No. 617, "Inspection or Replacement of Distributor Gears"
S.B. 459*	Bendix Magneto Bulletin No. 618, "Inspection or Replacement of Distributor Gears" (A.D. #81-12-06)
S.B. 460	Bendix Magneto Bulletin No. 619, "Inspection or Replacement of Distributor Gears"
S.B. 464A*	Bendix Magneto Bulletin No. 623A, "Inspection of Impulse Coupling Cam Assys." (A.D. #82-20-01)
S.L. L207	Bendix Magneto Bulletin No. 625, "Broken Coil Securing Clamps, P/N 10-50765"
S.I. 1433	Bendix Magneto Bulletin No. 626, "Installation of Impulse Coupling Assemblies"
S.B. 469	Bendix Magneto Bulletin No. 627, "Distributor Block Kit P/N 10-682056 (6 cyl.) Dual Magneto Series"
S.B. 470	Bendix Magneto Bulletin No. 628, "Replacement of Impulse Coupling Main Spring P/N 10-382941"
S.B. 474	Bendix Magneto Bulletin No. 629, "Insp. & Repl. Of Brown Mag. Blocks on Turbocharged (6 cyl.) Engines"
S.B. 365	Bendix Magneto Conversion to Incorporate Flexible Drive
S.I. 1346A	Bendix S4LN-1208 Magnets, Installation of
S.L. L188	Black Oxide Finish, Cylinders Treated with
S.L. L196	Blade, Screwdriver, ST-418-3, Revision to
S.I. 1352A	Body Disassembly, Hydraulic Lifter
S.I. 1307B	Bolt Assembly, Connecting Rod, and Torque Application
S.I. 1209B*	Bolt Replacement, Crankshaft Flange (A.D. #80-04-04)
S.I. 1459	Bolt Threads, Application of Sealant

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 554*	Bolt, Crankshaft Gear Retaining, Replacement (A.D. #99-03-05) (Refer to Supplement No. 3, No. 4 (A.D. #2002-23-06), and No. 5 to S.B. 554)
S.I. 1170	Bolt, Generator Mounting, Replacement
S.B. 372B	Bolt, T, High-Tensile Clamping Bands
S.I. 1469	Bolts, Connecting Rod with High-Tensile Strength
S.I. 1213	Bolts, Connecting Rod, Increased Torque Value
S.B. 363	Bolts, Connecting Rod, Part Number Listing PC-206: IO-360 Series Engines
S.I. 1458G	Bolts, Connecting Rod (Identification and Installation)
S.I. 1029D	Bolts, Crankcase, Tightening Procedures for Thru-Studs and (Refer to Supplement No. 1 and No. 2 to S.I. 1029D)
S.I. 1248B	Bolts, Engine Mounting Bracket Attaching
S.I. 1380*	Bolts, Engine Mounting Bracket Attaching Nuts or (A.D. #79-10-03)
S.B. 491A*	Bolts, Exhaust Transition, Inspection of (A.D. #91-10-04)
S.B. 371B*	Bolts, High-Tensile Strength, Connecting Rod Assys. (New Rod Kits) (A.D. #73-05-01)
S.I. 1323A	Bolts, High-Tensile Strength, Connecting Rods with
S.B. 590A	Boost Pump (Aircraft) Use of, with Kelly Aerospace 200F Series Fuel Pumps
S.I. 1417	Bore Repair, Crankcase Gear Shaft
S.I. 1377	Bore Repair, Crankcase Main Bearing, and Oversize Main Bearings (Refer to Supplement No. 1 to S.I. 1377)
S.I. 1334A	Bore Repair, Crankcase Tappet
S.I. 1315A	Bracket and Clamp Installation, Turbocharger Strut
S.I. 1248B	Bracket Attaching Bolts, Engine Mounting
S.I. 1380*	Bracket Attaching Nuts or Bolts, Engine Mounting (A.D. #79-10-03)
S.I. 1306A	Bracket Installation, Compressor Mounting
S.B. 356	Bracket, Addition of Alternator Support – TIO-540-A2C
S.I. 1531	Bracket, Alternator; Engines Equipped with Kelly Aerospace E-drive Starters
S.B. 511	Bracket, Alternator Installation
S.I. 1270A	Bracket, Alternator Mounting, Shims
S.I. 1339A	Bracket, Turbocharger
S.B. 463	Bracket, Turbocharger Mounting, Inspection
S.I. 1105B	Brackets, Generator/Alternator Mounting, Periodic Inspection
S.I. 1397A	Breather Fitting, Overflow Oil from, of Inverted Oil System
S.L. L208	Breather Options for Aerobatic Engines
S.I. 1366A	Bushing Hole, Rocker Shaft, Repair Procedure for Worn
S. B. 630AA	Bushing Inspection After Cylinder Removal, Connecting Rod
S.I. 1098P	Bushing Location, Propeller Flange
S.I. 1143C	Bushing, Replacement and Inspection of Counterweights and Special Tooling Upgrades
S.I. 1044	Bushing Replacement, Rear Crankshaft Spline
S.I. 1386A	Bushing Magneto Drive Gear, Replacement of Damaged or Worn
S.I. 1142B	Bushings, Crankshaft Counterweight, Replacement
S.B. 632B*	Bushings, Identification of Connecting Rods with Non-Conforming Small End
S.I. 1208	Bushings, Magneto Shaft Bore, Installation of
S.I. 1452	Bushings, Propeller Flange, Reindexing (O-360-C1G)
S.B. 253A	Bushings, Replacement of Propeller Flange
S.I. 1316A	Bypass Valve Seat, Oil Cooler, Repair of
S.I. 1214A	Bypass Valve, Exhaust: Reset for Increased Critical Altitude
S.I. 1442A	Bypass Valve, Oil Filter, Improved
S.I. 1565A	Bypass Valve, Thermostatic Oil Cooler
S.I. 1423A	Bypass Valve, Thermostatic Oil Cooler, P/N 75944
S.I. 1255A	Bypass Valve, Thermostatic Oil Cooler, Replacement
S.B. 518D	Bypass Valves, Thermostatic, Inspection of
S.I. 1008C	Bypass, Thermostatic Oil Cooler, Instructions for Installation
S.I. 1294	Cable Routing, Alternate Ignition
S.L. L206A	Cam Followers/Tappet Bodies, Field-Reconditioned



## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1439	Camshaft and Gear Assembly, New Integral, Installation (Refer to Supplement No. 1 to S.I. 1439)
S.I. 1016C	Camshaft and Gear Replacement – O & IO-540 Series
S.L. L214A	Camshaft Exchange Program, Reconditioned (Notice of Discontinuance of Program)
S.L. L245	Camshaft Regrinding, Special Service Publication No. SSP-567
S.I. 1218A	Camshaft, With Integral Drive Gear, Parts Substitution Chart
S.B. 293B*	Camshaft, Installation of New (A.D. #63-23-02)
S.I. 1182A	Camshaft, Modified for Improved Performance – GO-480 Series (S.L. 187) Reactivated with this Revision.
S.I. 1263B	Camshaft, Redesigned, for IO-360 Series Engines
S.I. 1359	Cap Modification, Connecting Rod
S.I. 1002	Carburetor Air Filters, Proper Maintenance
S.L. L261A	Carburetor, Alternate O-360-J2A
S.I. 1523G	Carburetor, Manufacturer's Cross Referenced
S.I. 1206	Carburetor Float Clearance, Checking
S.I. 1148C	Carburetor Heat Control, Use of
S.I. 1390	Carburetor Idle Tube Replacement
S.I. 1428	Carburetor Modification for Richer Power Setting – O/LO-360-A
S.I. 1393	Carburetor Modification Kit
S.I. 1398A	Carburetor Modification, Marvel-Schebler – O-540
S.I. 1421	Carburetor Modification, Marvel-Schebler – TO-360
S.I. 1271A	Carburetor Nozzle Replacement – O-235
S.I. 1395A	Carburetor Nozzle Replacement – O-320-D2A
S.I. 1484C	Carburetor or Fuel Injector Servo Unit Hold Down Nuts, Installation Torque for Fuel Metering Device
S.L. L259	Carburetor P/N 61C26051, Product Improvements on Lycoming – O-360-A4M
S.B. 409*	Carburetor Replacement (A.D. #77-13-16)
S.B. 258	Carburetor Setting Change to Eliminate Engine Roughness – Piper Aircraft
S.B. 330B*	Carburetor Throttle Arm Screw, Retighten and Lockwire (A.D. #72-06-05)
S.B. 366 B	Carburetor Throttle Body Screw Inspection
S.I. 1161	Carburetor Throttle Shaft, Modification to Prevent Leakage
S.B. 504*	Carburetor, Consolidated Fuel Systems Inc. Bulletin No. CF1-92, Rev. 1, "Carburetor Float Kit CF666-915" (A.D. #93-19-04)
S.B. 481	Carburetor, Facet Aerospace Products Bulletin No. A1-87, "Carburetor Return and Inspection"
S.B. 483	Carburetor, Facet Aerospace Products Bulletin No. A1-88, "Possible Loose 62-226 Pins"
S.L. L186	Carburetor, Marvel-Schebler Bulletin No. A1-76, "Carburetor Cleaning"
S.I. 1370	Carburetor, Marvel-Schebler Bulletin No. A1-78, "Carburetor Mixture Control Retainer"
S.B. 434*	Carburetor, Marvel-Schebler Bulletin No. A1-79, "Improved Sealing of Economizer Channel HA-6 Carburetors" (A.D. #79-15-02)
S.I. 1413	Carburetor, Marvel-Schebler Bulletin No. A1-81, "Model HA Carburetor Float Shaft and Bracket Wear"
S.I. 1373	Carburetor, Marvel-Schebler Bulletin No. A2-78, "Sealing Pump and Economizer Rods"
S.B. 436*	Carburetor, Marvel-Schebler Bulletin No. A2-79, "Possible Carburetor Contamination" (A.D. #79-08-06)
S.B. 310	Carburetor, Marvel-Schebler Bulletin No. A3-66, "Replacement of Venturi"
S.B. 297A*	Carburetor, Marvel-Schebler MA-4-5, One Piece and Main Venturi (A.D. #63-22-03)
S.I. 1212	Carburetor, Marvel-Schebler with Accelerator Pump – O-235-C Series
S.B. 352	Carburetor, Marvel-Schebler/Tillotson Bulletin No. 1-71, "Securing Cam Lever"
S.B. 498B	Carburetor, Precision Airmotive Corp. Bulletin No. MSA-2, Rev. 2, "One Piece Primary and Main Venturi"
S.B. 582A	Carburetor, Precision Airmotive Corp. MANDATORY S.B. MSA-13, "Replacement of Carburetor Floats with New Foam Floats" (Refer to Supplement No. 1 to S.B. 582A)
S.L. 273	Care Program, Service Bulletin No. 632 Customer
S.B. 327C*	Center Main Bearing Inspection (A.D. #'s 71-05-02 & 72-21-06)
S.I. 1418	Chamber Cleaning Procedure, Combustion
S.I. 1403	Champion Bulletin No. 75-4, "Approved Spin-On Oil Filters"
S.B. 622	Champion Bulletin SB1-15, Slick Magnetos
S.L. L237	Change in Telephone Area Code for Textron Lycoming, Williamsport, PA

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1500	Change, Counterweight Roller for Robinson Helicopter
S.I. 1315A	Clamp and Bracket Installation, Turbocharger Strut
S.B. 342G*	Clamp Inspection and Installation, Support, and Fuel Line (A.D. #2015-19-07) (Refer to Supplements No. 1, No. 2, No. 3, No. 6, and No. 7 to S.B. 342G)
S.B. 372B	Clamping Bands, High-Tensile T-Bolts
S.I. 1355	Clamps and Extensions, Intake Pipes
S.I. 1361	Clamps, T-Bolt Hose
S.B. 579	Clearance Between Oil Sump Assembly and Oil Sump Baffle
S.I. 1116C	Clearance Modification, Exhaust Valve to Guide
S.I. 1206	Clearance, Checking Carburetor Float
S.I. 1487	Clearance, Oil Drainback Tube
S.B. 530B*	Coating, Protective, Application on Crankshaft (A.D. #98-02-08) (Refer to Supplement No. 1 to S.B. 530B)
S.I. 1392	Cold Weather Operation and Engine Lubricating Oil Recommendations
S.I. 1505	Cold Weather Starting
S.I. 1181	Color Code on Cylinder for Avco Lycoming Engines
S.I. 1418	Combustion Chamber Cleaning Procedure
S.B. 604	Compliance with HET Alert Service Bulletin No. 048, Turbocharger Model TAO411, P/N 410188-0019 Turbine Wheel Replacement (A.D. #2012-24-09)
S.I. 1191A*	Compression, Cylinder (A.D. #95-26-02)
S.I. 1306A	Compressor Mounting Bracket Installation
S.I. 1232	Compressor Mounting Plate Assembly Procedure – TIGO-541
S.B. 344	Compressor Mounting Plate Assembly Procedure – TIO & TIGO-541
S.I. 1192A	Compressor, No. ST-266, Valve Spring
S.I. 1451A	Compressor, Starter and Alternator Installation
S.I. 1466	Connecting Rod Assemblies
S.I. 1467	Connecting Rod Assemblies
S.B. 302A*	Connecting Rod Assemblies P/N 74308 and 74503, Replacement of (A.D. #66-06-03)
S.B. 371B*	Connecting Rod Assembly with High-Tensile Strength Bolts (New Rod Kits with High-Crush Bearings) (A.D. #73-05-01)
S.B. 547*	Connecting Rod Bearing Replacement on TIO-540-AE2A Model Engines (Refer to Supplement No. 1 to S.B. 547)
S.B. 561*	Connecting Rod Bearing Replacement on (L)TIO-540-W2A, -V2AD, and -W2A Engines
S.I. 1512	Connecting Rod Bearing Upgrade, Main and (Also Reference Supplement No. 1 to S.I. 1512)
S.I. 1307B	Connecting Rod Bolt Assembly and Torque Application
S.B. 363	Connecting Rod Bolt Part Number Listing – PC-206: IO-360 Series Engines
S.I. 1213	Connecting Rod Bolts, Increased Torque Value
S.I. 1458G	Connecting Rod Bolts (Identification and Installation)
S. B. 630A	Connecting Rod Bushing Inspection After Cylinder Removal
S.I. 1359	Connecting Rod Cap Modification
S.I. 1469	Connecting Rod with High-Tensile Strength Bolts
S.B. 351B*	Connecting Rods (Heavy) for High Speed Geared Drive Engines (A.D. #74-13-05)
S.B. 303F	Connecting Rods (Heavy) for High Speed Helicopter Engines (A.D. 73-05-01)
S.I. 1323A	Connecting Rods with High-Tensile Strength Bolts
S.B. 632B*	Connecting Rods with Non-Conforming Small End Bushings, Identification of
S.B. 439A	Connecting Rods, Inspection for Fretting and/or Galling, Repair of Fretting
S.I. 1138B	Connecting Rods, Replacement for IO-720 Series Engines
S.B. 504*	Consolidated Fuel Systems, Inc. Bulletin No. CF1-92, Rev. 1, “Carburetor Float Kit CF666-915” (A.D. #93-19-04)
S.I. 1435	Constant Speed to Fixed Pitch Propeller Conversion, and Vice Versa (Refer to Supplement No. 1 to S.I. 1435)
S.B. 418	Control Cable Rod End Replacement Waste Gate
S.I. 1211D	Controller Linkage and Fuel Injector Setting
S.B. 440	Controller, AiResearch Bulletin No. TP-60-0115, “Spring Pin Replacement”

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1187J	Controller, Density, Turbocharger Adjustment
S.I. 1474	Controller, Differential Pressure, Improved for TIO-540-AF1A Engine Model
S.L. L231	Controller, Variable Absolute, Pressure Calibration Values for AiResearch Turbo Control Test Set P/N 481070-1
S.I. 1463	Controllers, Improved for TIO-540-AE2A Engine Model
S.I. 1435	Conversion from Constant Speed to Fixed Pitch Propeller and Vice Versa (Refer to Supplement No. 1 to S.I. 1435)
S.L. L204	Conversion Kit P/N LW-18866, Fuel Injection
S.B. 246	Conversion of GO-435-C2B and -C2B2 to GO-435-C2B-6 and -C2B2-6
S.L. L156	Conversion of O-290-G Surplus Power Plant Engines to O-290-D Engines (FAA Release No. 462)
S.I. 1246B	Conversion, Engine, for Use of 100/130 Grade Fuel
S.I. 1383	Conversion, Starter
S.I. 1453B*	Converter Plate Gasket, Oil Filter, Replacement of (A.D. #2002-12-07)
S.B. 543C*	Converter Plate Gasket, Oil Filter, Replacement (A.D. #2000-12-07) (Refer to Supplement No. 1 to S.B. 543C)
S.L. L216	Copyright of Avco Lycoming Williamsport Publications
S.L. L250A	Core Policy, Lycoming's Exchange Engine
S.B. 394	Corner Radii, Counterweight Inspection
S.B. 606	Correction of Engine Data Plate on IO-540-AE1A5 Engines
S.B. 480F	Corrective Action, Oil Servicing, Metallic Solids Identification After Oil Servicing, and Associated
S.I. 1535	Counterweight and Roller Removal, Inspection, and Installation; (Refer to Supplement. No. 1 to S.I. 1535)
S.I. 1142B	Counterweight Bushings, Crankshaft, Replacement
S.B. 394	Counterweight Inspection for Corner Radii
S.I. 1152A	Counterweight Lobes, Crankshaft, Punch Marks
S.I. 1500	Counterweight Roller Change for Robinson Helicopter
S.B. 245D	Counterweight System, Dynamic Detuning
S.B. 333	Counterweight, Inspection and Replacement
S.I. 1143C	Counterweights, Bushing Inspection, Replacement and Special Tooling Upgrades
S.I. 1012K	Counterweights and Rollers on Engine Models
S.I. 1130	Counterweights, Marking or Identifying
S.I. 1330A	Coupling, Alternator Drive, Spring Loaded – TIGO-541-E
S.B. 395	Coupling, Transition, Replacement
S.B. 492A	Couplings, Redesigned V-Band, for Tailpipe Installation
S.I. 1238B	Couplings, V-Band, Assembly and Torque Procedures
S.I. 1394	Cover Assy., Accessory Housing, Modification to Retrofit Hollow Oil Transfer Dowel
S.I. 1171	Covers and Accessory Housings, Salvage of
S.L. L228	Cracking of Cylinder Head Exhaust Port
S.I. 1225D	Crankcase Bearing Dowel Replacement
S.B. 326A*	Crankcase Bearing Dowel Replacement (A.D. #'s 71-05-02 & 72-21-06)
S.I. 1149	Crankcase Bearing Support Web, Inspection & Modification
S.B. 273A	Crankcase Center Main Bearing Support, Modification to Incorporate Body Fit Thru-Studs
S.L. L248	Crankcase Design Upgrade (O-235)
S.I. 1417	Crankcase Gear Shaft Bore Repair – (Dual Magnetos)
S.I. 1377	Crankcase Main Bearing Bore Repair and Oversize Main Bearings (Refer to Supplement No. 1 to S.I. 1377)
S.I. 1159	Crankcase Modification to Prevent Reduction Gear Housing Interference
S.I. 1545	Crankcase Nose, Expanded Clearance in
S.I. 1312	Crankcase P/N LW-13082, Propeller Drive Thrust Bearing Replacement
S.I. 1125D	Crankcase Parting Surface Sealants, Alternate
S.I. 1326	Crankcase Repair (Thru-Stud Spotface)
S.B. 353A	Crankcase Replacement – TIO-541-E Series
S.I. 1334A	Crankcase Tappet Bore Repair
S.I. 1290F	Crankcase Thru-Stud Locations, Repair of Oil Leakage, Assemble and Unassembled Engines

**Alphabetical Listing of Lycoming  
Service Bulletins, Letters, and Instructions**

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1029D	Crankcase Thru-Studs and Bolts, Tightening Procedures (Refer to Supplement No. 1 and No. 2 to S.I. 1029D)
S.I. 1354B	Crankcase Thrust Face Repair
S.I. 1177B	Crankcase, Governor Drive Bearing Repair
S.I. 1185	Crankcase, Interference Between Crankshaft and
S.B. 392B	Crankcase, Reinforced – TIO/LTIO-540 (Refer to Supplement No. 2 to S.B. 392B)
S.I. 1140	Crankcase, Salvage Repair of Magneto Bearing Recess
S.I. 1406E*	Crankcase Parts for Use with Large Diameter Hydraulic Lifters (A.D. #80-04-03)
S.I. 1432A	Crankcases without Retention Dowels, Installation of High-Crush, Thin-Wall, Rear Main Bearings in
S.B. 472	Crankcases, Disassembly of Wide Cylinder Flange
S.I. 1112E*	Crankcases, Repair of Fretted (Refer to Supplement No. 1 to S.I. 1112E) (A.D. #'s 71-05-02, 72-21-06, and 66-06-03)
S.I. 1345	Crankcases, Service Replacement for Narrow Cylinder Flange Four Cylinder Engines
S.I. 1465	Crankshaft Assemblies for Non-Counterweighted Engine Models
S.B. 422A*	Crankshaft Assembly Replacement (A.D. #78-12-09)
S.I. 1113A	Crankshaft Assembly, Revised to Eliminate Sludge Tubes
S.I. 1296	Crankshaft Attaching Parts and Drive Plates
S.B. 272A	Crankshaft Center Main Journal, Retorquing of Thru-Studs to Assure Positive Clearance
S.I. 1142B	Crankshaft Counterweight Bushings, Replacement
S.I. 1152A	Crankshaft Counterweight Lobes, Punch Marks
S.B. 549	Crankshaft/Engine Inspection (Refer to Supplement No. 1 to S.B. 549)
S.B. 482	Crankshaft Flange Area Cracking
S.I. 1209B*	Crankshaft Flange Bolt Replacement (A.D. #80-04-04)
S.B. 465C*	Crankshaft Flange Inspection for Aerobatic Engines (A.D. #84-13-05)
S.I. 1473	Crankshaft Flange Thickness, Standardization
S.B. 201F	Crankshaft Flange Inspection
S.I. 1251	Crankshaft Flange Oil Plug, Parts Catalog PC-111 & PC-112 Listing
S.I. 1180B	Crankshaft Front Plug – HIO-360 Series
S.B. 475C*	Crankshaft Gear Modification and Assembly Procedures (A.D. #2004-10-14) (Refer to Supplement No. 1 to S.B. 475C)
S.I. 1331A	Crankshaft Gear Replacement – TIO & TIGO-541 Series
S.B. 554*	Crankshaft Gear Retaining Bolt Replacement (Refer to Supplement No. 3, No. 4, and No. 5 to S.B. 554) (A.D. #2004-05-24)
S.B. 505B*	Crankshaft ID, Inspection for Corrosion
S.B. 308B*	Crankshaft Idler Gear Shafts, Replacement of. (A.D. 66-14-03)
S.B. 553*	Crankshaft Inspection for Lycoming Six Cylinder Turbocharged Engines (Refer to Supplement No. 1 to S.B. 553) (A.D. #2002-19-03)
S.I. 1205	Crankshaft Journal Diameters, Standards, for
S.I. 1333	Crankshaft Listing: Catalog PC-206
S.I. 1020B	Crankshaft Main Bearing Replacement
S.I. 1111	Crankshaft Oil Seal Surface, Recondition of Worn
S.I. 1324C	Crankshaft Oil Seals
S.B. 300B*	Crankshaft Propeller Flange Inspection (A.D. #65-03-03)
S.B. 222D	Crankshaft Renitriding Recommendations
S.B. 566*	Crankshaft Replacement in Lycoming Engines (A.D. #2005-19-11) (Refer to Supplement No. 1 to S.B. 566) (A.D. #2006-06-16)
S.B. 552*	Crankshaft Replacement in Lycoming TIO and LTIO-540 Engines Rated at 300 Horsepower and Higher (Refer to Supplement No. 1 to S.B. 552) (A.D. #2002-19-03)
S.B. 569A*	Crankshaft Retirement for Certain Lycoming Engines (A.D. # 2006-20-09) (Refer to Supplement No. 1 of S.B.569A)
S.I. 1044	Crankshaft Spline Bushing Replacement, Rear
S.L. L202B	Crankshaft with Lightning Holes, All 320, 360 and 540 Series Engines Using, Installed in Aircraft Used for Aerobatic Maneuvers
S.B. 530B*	Crankshaft, Application of Protective Coating (A.D. #98-02-08) (Refer to Supplement No. 1 to S.B. 530B)

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1185	Crankshaft, Interference Between Crankcase and
S.I. 1511A	Crankshafts, "PID" Stamped, Inspection
S.I. 1130	Crankshafts, Marking or Identifying
S.B. 484*	Crossover Exhaust Assembly, Inspection, Alignment and Modification (A.D. #89-12-04)
S.I. 1573	Cross-References, Lycoming TEO-540 Engine Series Engine Control Unit (ECU) Assembly
S.I. 1011N*	Current, Table of Tappet Bodies, Plunger Assys and Hydraulic Lifter Assys. (A.D. #62-03-02)
S.I. 1299B	Cushion and Magneto Drive Gear Modification
S.L. 273	Customer Care Program, Service Bulletin No. 632
S.B. 634	Cylinder and Head Assembly Serviceable Life
S.B. 578	Cylinder Assemblies, Incorrect, Shipped with Cylinder Kits
S.B. 334C	Cylinder Assemblies, Replacement
S.I. 1504	Cylinder Assembly Inspection/Replacement on O-235 Engines
S.L. L159D	Cylinder Barrel Repair, Facilities for
S.B. 213A	Cylinder Base Allen Head Nuts, Replacing Cylinder Base Spline Nuts with
S.B. 213A	Cylinder Base Spline Nuts, Replacing with Cylinder Base Allen Head Nuts
S.I. 1191A*	Cylinder Compression (A.D. #95-26-02)
S.L. L220C	Cylinder Configuration on Lycoming Engines, Wide Deck
S.L. L263	Cylinder, Discolored Paint on
S.B. 507	Cylinder Head Assembly, Missing Spotfaces on P/N 74218
S.L. L228	Cylinder Head Exhaust Port, Cracking of
S.I. 1135A	Cylinder Head Inspection, Repair and Modification
S.I. 1228A	Cylinder Hold-Down Plates, Modification of
S.B. 520	Cylinder Kits P/N 05K21108, P/N 05K21118 and P/N 05K21104, Shipped with Incorrect Piston
S.B. 578	Cylinder Kits Shipped with Incorrect Cylinder Assemblies
S.B. 271A	Cylinder Painting
S.B. 574A	Cylinder Stud Hole Cross-Threaded
S.L. L188	Cylinders Treated with Block Oxide Finish
S.I. 1037U	Cylinders, Approved for Use in Lycoming Aircraft Engines
S.I. 1181	Cylinders, Color Code for Avco Lycoming Engines
S.I. 1047B	Cylinders, Inspection and Reconditioning Procedures for Nitride Hardened Steel
S.I. 1136A	Cylinders, Parallel Valve, Exhaust Valves with ½" Diameter Stems and Ni-Resist Guides (Refer to Supplement No. 1 to S.I. 1136A)
S.I. 1075A	Cylinders, Top Exhaust, Procedure for Removing Push Rods and Shroud Tubes
S.I. 1187J	Density Controller Adjustment, Turbocharger
S.L. L248	Design Upgrade, Crankcase (O-235)
S.B. 245D	Detuning, Dynamic Counterweight System
S.L. L172C	DIEGME or DEGMME Diethylene Glycol Monomethyl Ether, Fuel Additive
S.L. L255A	Diaphragm-Type Fuel Pump, Approved
S.B. 548A	Diaphragm-Type Fuel Pump Inspection/Replacement
S.B. 565	Diaphragm-Type Fuel Pump Inspection/Replacement
S.B. 621B	Diaphragm-Type Fuel Pump Replacement
S.I. 1446*	Diaphragm, Pressure Regulator, Possible Ruptured, in AN Fuel Pump (A.D. #91-08-07)
S.L. L271	Digital Technical Publications, How to Access Lycoming
S.B. 472	Disassembly of Wide Cylinder Flange Crankcases
S.L. L200	Disclaimer Statement
S.L. L226	Discoloration, LW-16702 Oil Additive
S.L. L263	Discolored Paint on Cylinder
S.I. 1344	Dowel Hole Repair, Propeller Flange
S.I. 1298	Dowel Removal, Engine Mounting
S.I. 1225D	Dowel, Crankcase Bearing, Replacement
S.I. 1123D	Dowel, Installation of P/N 75302 at Thru-Stud Locations
S.I. 1394	Dowel, Oil Transfer, Modification to Retrofit Hollow, on Accessory Housing & Cover Assy.
S.I. 1503	Dowel, Shaft and Accessory Drive Gear Replacement
S.I. 1399	Drain Tube Replacement, Turbocharger Oil

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 426*	Drain Flange Replacement, Turbocharger Oil (A.D. #80-02-13)
S.B. 534	Drain Tank, Oil, Turbocharger, Inspection/Replacement
S.I. 1487	Drainback Tube, Oil, Clearance
S.L. 1264A	Drift in Magneto-to-Engine Timing, Engine Start Problems Due to
S.I. 1264	Drains, Moisture, Addition in Magneto Cover
S.I. 1158	Drive Adapter, Magneto, Replacement
S.I. 1144	Drive Assy. (64894), Use & Maintenance of 4-Lug Test, with Vertical Test Stand (64765)
S.I. 1239	Drive Assy., Starter Replacement
S.I. 1177B	Drive Bearing Repair, Governor, in Crankcase
S.I. 1330A	Drive Coupling, Alternator, Spring Loaded – TIGO-541-E
S.I. 1351	Drive Gear and Drive Shaft, Accessory
S.I. 1386A	Drive Gear Bushing, Magneto, Replacement of Damaged or Worn
S.I. 1118A	Drive Gear Replacement, Starter
S.I. 1503	Drive Gear, Accessory and Shaft Dowel Replacement
S.I. 1387	Drive Gear, Governor, Replacement of
S.I. 1218A	Drive Gear, Integral, Parts Substitution Chart for Camshaft with
S.I. 1360	Drive Gear, Magneto
S.I. 1299B	Drive Gear, Magneto, and Cushion Modification
S.I. 1242A	Drive Gear, Starter, Thrust Washers for
S.I. 1278	Drive Lubrication, Starter
S.I. 1287	Drive Modification, Starter: Cold Weather Starting
S.I. 1376	Drive Pin Replacement, Starter
S.I. 1296	Drive Plate and Crankshaft Attaching Parts
S.I. 1084A	Drive Shaft and Components, Intermediate Supercharger
S.I. 1338	Drive Shaft Modification, Hydraulic Pump
S.I. 1145	Drive Shaft, Accessory, Modification to Incorporate, with Larger Spline Drive
S.I. 1420A	Drive Spline Lubrication, Fuel Pump
S.B. 411D	Drive, Magneto Isolation, Adapter Kit
S.I. 1203	Driveshaft Adapter Assembly, Accessory, Installation of Improved
S.I. 1221A	Dry Air Pump Drive Seal Replacement
S.B. 113	Dry Sump Test Stand Installation of Lycoming Opposed Series Engines
S.I. 1508C	Dual Magneto Attachment
S.L. L172C	EGME, Ethylene Glyco Monomethyl Ether, Fuel Additive
S.I. 1276	Electrical Components, Bendix Bulletin No. 529A, "Torque Values for Drive Shaft Nut"
S.I. 1546	Electrical Lead on Hartzell Engine Technologies, LLC Starters, Specific Requirements for Installation and Removal
S.I. 1427C	Engine Break-In and Oil Consumption Test Limits
S.L. L114BF	Engine and Accessory Maintenance Publications
S.I. 1573	Engine Control Unit (ECU) Assembly Cross-References, Lycoming TEO-540 Engine Series
S.I. 1246B	Engine Conversion for Use of 100/130 Grade Fuel
S.L. L250A	Engine Core Policy, Lycoming Engines Exchange
S.B. 549	Engine/Crankshaft Inspection (Refer to Supplement No. 1 to S.B. 549)
S.B. 606	Engine Data Plate on IO-540-AE1A5 Engines, Correction
S.L. L193	Engine Firing Order
S.B. 369R	Engine Inspection after Overspeed
S.B. 357	Engine Inspection in Event of Immersion
S.I. 1530	Engine Inspection in Particulate-Laden Environments
S.B. 547*	Engine Model TIO-540-AE2A, Connecting Rod Bearing Replacement (Refer to Supplement No. 1 to S.B. 547)
S.I. 1463	Engine Model TIO-540-AE2A, Improved Controllers
S.I. 1248B	Engine Mounting Bracket Attaching Bolts
S.I. 1408C	Engine Mounting Bracket Replacement
S.I. 1304J	Engine Nameplate Replacement
S.L. L109	Engine Operation, Suggestions for Better

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.L. L142B	Engine Performance, Policy Relative to Alterations
S.L. L180B	Engine Preservation for Active and Stored Aircraft
S.I. 1481B	Engine Preservation, Factory
S.I. 1497A	Engine Procedures for Flight Training Operations
S.I. 1498B	Engine Procedures for Purging Vapor During Ground Operations, Recommended
S.I. 1241C	Engine Start, Pre-Oiling Prior to Initial
S.L. L264A	Engine Start Problems Due to Drift in Magneto-to-Engine Timing
S.I. 1287	Engine Starting, Cold Weather: Starter Drive Modification
S.I. 1362	Engine Starting, Hard
S.B. 349	Engine Starting, Relocating Fuel Drain Valve to Improve
S.B. 533C*	Engine Stoppage, Recommendations Regarding Accidental (A.D. #2004-10-14)
S.I. 1437	Engine Timing Marks
S.I. 1472	Engine, Removal of Preservative Oil
S.L. L202B	Engines Installed in Aircraft Used for Aerobatic Maneuvers, All 320, 360 and 540 Series Using Crankshaft with Lightning Holes
S.L. L154B	Engines, Ordering and/or Special Adjustment Consideration for Returned or Run-Out
S.B. 553*	Engines, Lycoming Six Cylinder Turbocharged Engines, Crankshaft Replacement (Refer to Supplement No. 1 to S.B. 553) (A.D. #2002-19-03)
S.B. 552*	Engines, Lycoming TIO and LTIO-540, Crankshaft Replacement, Rated at 300 Horsepower or Higher (Refer to Supplement No. 1 to S.B. 552) (A.D. #2002-19-03)
S.B. 566*	Engines, Lycoming, Crankshaft Replacement (A.D. #2005-19-11) (Refer to Supplement No. 1 to S.B. 566) (A.D. #2006-06-16)
S.B. 569A*	Engines, Lycoming, Crankshaft Retirement for Certain (A.D. #2006-20-09) (Refer to Supplement No. 1 to S.B. 569A)
S.I. 1504	Engines, O-235, Cylinder Assembly Inspection/Replacement
S.I. 1517	Engines, TIO-540-AK1A Series, Timing Change
S.L. L220C	Engines, Wide Deck Cylinder Configuration
S.I. 1506A	Engines, 4-Cylinder, Replacement of Impulse Coupling Magnetos
S.L. L250A	Exchange Engine Core Policy, Lycoming Engines
S.B. 484*	Exhaust Assembly, Crossover, Inspection, Alignment and Modification of (A.D. #89-12-04)
S.I. 1214A	Exhaust Bypass Valve: Reset for Critical Altitude
S.I. 1204D	Exhaust Flange Gaskets
S.I. 1363	Exhaust Manifold Ball Joint Retaining Strap – TO-360-C1A6D
S.I. 1320	Exhaust Manifold Components, Tightening Procedure
S.I. 1410	Exhaust Manifold Pipe Improvement
S.I. 1391	Exhaust Manifold Tube Alignment
S.I. 1190	Exhaust Manifold Tube Modification
S.B. 499C*	Exhaust Pipe Kit (05K21503), One-Piece, Installation of (A.D. #91-21-01)
S.B. 479	Exhaust Pipe, Inspection of P/N 77429 Right Intermediate, and Exhaust Slip Joint Modification
S.L. L228	Exhaust Port, Cracking of Cylinder Head
S.B. 393C	Exhaust Slip Joint Modification – TIGO-541-E Series
S.B. 479	Exhaust Slip Joint Modification and Inspection of P/N 77429 Right Intermediate Exhaust Pipe – TIO-541-E Series
S.B. 435*	Exhaust Spring Seat, Upper, Replacement of Hydraulic Lifter and (Refer to Supplement No.1 and No. 2 to S.B. 435) (A.D. #80-04-03)
S.I. 1422A	Exhaust System Inspection (EGT Probe Depth)
S.B. 614A*	Exhaust System Inspection and Turbocharger Mounting Bracket Replacement – TIO-540-AJ1A (A.D. #2015-10-06)
S.B. 627E*	Exhaust System Inspection TIO-540-AJ1A (A.D. #62-03-02)
S.I. 1562	Exhaust System Installation, Turbocharged
S.L. L275A	Exhaust System Replacement Referenced in SB627E, Warranty Procedure for
S.B. 521	Exhaust System Slip Joints, Inspection for Proper Engagement and Inspection of Marmon Flange Joint at Transition Inlet
S.B. 491A*	Exhaust Transition Bolts, Inspection of (A.D. #91-10-04)

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1485A	Exhaust Valve and Guide Identification Procedure
S.B. 388C	Exhaust Valve and Guide, Procedure to Determine Condition
S.I. 1342	Exhaust Valve Guide Clearance, Increased
S.I. 1479A	Exhaust Valve Guide Kit, Oil Cooled, TIO-540-AF1A
S.B. 503	Exhaust Valve Guide Replacement on TIO-540-AF1A Engines
S.I. 1200A	Exhaust Valve Guide, Honing During Replacement
S.B. 490A	Exhaust Valve Guides, and Intake, Installation of
S.B. 293B*	Exhaust Valve Guides, Inspection of (A.D. #63-23-02)
S.B. 404	Exhaust Valve Inspection (High Lead Fuel Operation)
S.I. 1430	Exhaust Valve Replacement – All with P/N 73111 Exhaust Valves
S.B. 419	Exhaust Valve Replacement – TO-360
S.I. 1268C	Exhaust Valve Rocker Assy.
S.I. 1468A	Exhaust Valve Rocker Assy.
S.B. 585	Exhaust Valve Rotator Cap, Incorrect Shipped with Cylinder Kits P/N 05K21119, 05K21121, and 05K21122
S.I. 1381	Exhaust Valve Spring Seats, Upper, and Hydraulic Lifter, Replacement
S.B. 447B*	Exhaust Valve Spring Seats, Inspection (A.D. #80-14-07)
S.I. 1116C	Exhaust Valve to Guide Clearance Modification
S.I. 1545	Expanded Clearance in Crankcase Nose
S.L. L270	Extended Maintenance Intervals for Spark-Ignited Engines Operated on Unleaded Fuels
S.L. L213A	Extension Kit, Time Between Overhaul (TBO)
S.I. 1355	Extensions and Clamps, Intake Pipe
S.I. 1354B	Face Repair, Crankcase Thrust
S.B. 481	Facet Aerospace Products S.B. A1-87, “Carburetor Return and Inspection”
S.B. 483	Facet Aerospace Products S.B. A1-88, “Possible Loose 62-226 Pins”
S.L. L159D	Facilities for Cylinder Barrel Repair
S.I. 1481B	Factory Engine Preservation
S.B. 625	Fan, Alternator Backplate
S.L. L206A	Filed-Reconditioned Tappet Bodies/Cam Followers
S.B. 545A	Filler Tube, Oil, Replacement
S.I. 1169C	Filter Assy., Oil, Inspection and Replacement
S.B. 466	Filter Base Adapter, Oil, Inspection
S.B. 480F	Oil Servicing, Metallic Solids Identification After Oil Servicing, and Associated Corrective Action
S.B. 337A	Filter Housing, Oil, and Bolt Modification
S.I. 1457A	Filter Kit, Remote Mount Oil Filter Kits
S.L. L183	Filter Lubricants, Spin-On
S.I. 1186	Filter Screen, Removal from Fuel Injector Nozzle
S.I. 1002	Filters, Carburetor Air, Proper Maintenance
S.I. 1109	Filters, Fuel and Oil, Procedure for Cleaning Simmonds Fuel Injector
S.I. 1079B	Filters, Fuel Line Servo, Periodic Maintenance
S.B. 431	Fire Sleeve, Teflon Fuel Hoses with
S.L. L193	Firing Order, Engines
S.I. 1062	Fitting “T”, Maintenance Procedures for the Fuel Vent Return
S.B. 494*	Fittings, Restricted Fuel Pump Vent, Installation of (A.D. #91-08-07)
S.B. 497*	Fittings, Restricted Fuel Pump Vent, New, Installation in AN Drive (A.D. #91-08-07)
S.I. 1435	Fixed Pitch to Constant Speed Propeller Conversion, and Vice Versa (Refer to Supplement No. 1 to S.I. 1435)
S.B. 482	Flange Area, Cracking, Crankshaft
S.I. 1209B*	Flange Bolt Replacement, Crankshaft (A.D. #80-04-04)
S.I. 1098P	Flange Bushing Location, Propeller
S.I. 1452	Flange Bushings, Propeller, Re-indexing (O-360-C1G)
S.B. 253A	Flange Bushings, Replacement of Propeller
S.I. 1344	Flange Dowel Hole Repair, Propeller
S.I. 1204D	Flange Gaskets, Exhaust



## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 521	Flange Joint, Marmon, Inspection at Transition Inlet and Inspection of Exhaust System Slip Joints for Proper Engagement
S.B. 426*	Flange Replacement, Turbocharger Oil Drain (A.D. #80-02-13)
S.I. 1473	Flange Thickness, Crankshaft, Standardization
S.B. 465C*	Flange, Crankshaft, Inspection for Aerobatic Engines (A.D. #84-13-05)
S.B. 300B*	Flange, Inspection of Crankshaft Propeller (A.D. #65-03-03)
S.I. 1345	Flange, Narrow Cylinder, Service Replacement Crankcases for Four Cylinder Engines
S.B. 201F	Flanges, Inspection Crankshaft
S.I. 1497A	Flight Training, Engine Procedures for
S.B. 626A	Flow Divider AVStar (Lycoming Fuel Manifold) Inspection
S.I. 1206	Float, Carburetor, Checking Clearance
S.I. 1486A	Flow Divider and Fuel Injector Replacement
S.I. 1502A	Flow Divider, Inverted, Installation of
S.L. L192B	Fouling, Spark Plug
S.I. 1112E*	Fretted Crankcases, Repair of (Refer to Supplement No. 1 to S.I. 1112E) (A.D. #71-05-02, #72-21-06, and #66-06-03)
S.B. 439A	Fretting, Inspection and Repair of Connecting Rod
S.L. L190	Fuel Additive, Use of "TCP"
S.L. L172C	Fuel Additive, Use of Ethylene Glycol Monomethyl Ether (EGME) such as "Prist" and Diethylene Glycol Monomethyl Ether (DIEGME or DEGMME)
S.L. L221C	Fuel Control Components, Precision, Warranty Repair of
S.B. 384	Fuel Drain Check Valve Modification
S.B. 597	Fuel Drain Valve Adapter Assembly P/N LW-13807
S.B. 349	Fuel Drain Valve, Relocating to Improve Engine Starting
S.I. 1246B	Fuel, Engine Conversion for Use of 100/130 Grade Fuel
S.I. 1109	Fuel Filters, Procedures for Cleaning Simmonds Fuel Injector
S.I. 1069A	Fuel Flow, Procedure for Inspection & Adjustment to Regulate, on Simmonds Model No. 580 Fuel Injector
S.L. L185B	Fuel, Higher Octane Aviation, Use of 100LL for Engines Rated 80/87 Octane
S.I. 1274B	Fuel Hoses, Silicone Coated, Service Replacement
S.B. 431	Fuel Hoses, Teflon with Fire Sleeve
S.L. L204	Fuel Injection Conversion Kit P/N LW-18866
S.I. 1455	Fuel Injection Manifold Kit P/N 05K21433, Installation
S.I. 1072	Fuel Injection Nozzles for Simmonds No. 530 Fuel Injection System
S.I. 1040A	Fuel Injection System, Simmonds No. 530, Maintenance Procedures
S.I. 1211D	Fuel Injector and Controller Linkage Setting
S.I. 1486A	Fuel Injector and Flow Divider Replacement
S.I. 1484C	Fuel Injector or Carburetor Servo Unit Hold Down Nuts, Installation Torque for Fuel Metering Device
S.I. 1491	Fuel Injector Check
S.I. 1301B	Fuel Injector Lines, Identification
S.B. 331	Fuel Injector Lines, Inspection and Removal of Rubber Sleeve
S.I. 1026	Fuel Injector Mixture Control Installation Procedure, Simmonds Model 580
S.B. 510	Fuel Injector Nozzle Assys, Recall, Precision Airmotive Corp. Bulletin No. PRS-101 (Refer to Supplement No. 1 to S.B. 510)
S.I. 1186	Fuel Injector Nozzle, Removal of Filter Screen
S.I. 1275C	Fuel Injector Nozzles, Cleaning
S.I. 1231	Fuel Injector Nozzles, Torque Requirement – TIO & TIGO-541 Series
S.B. 305B*	Fuel Injector, Bendix Bulletin No. 18, Rev. 4, "Requirement of Fuel Diaphragm Assy." (A.D. #67-22-06)
S.I. 1166A	Fuel Injector, Bendix Bulletin No. 20, Rev. 2, "Identifying Fuel to Air Seal Leak"
S.I. 1244	Fuel Injector, Bendix Bulletin No. RS-35, "Changes – Regulator & Fuel Control System"
S.I. 1247	Fuel Injector, Bendix Bulletin No. RS-37, "Replacement of Idle Valve Lever Assy."
S.B. 382*	Fuel Injector, Bendix Bulletin No. RS-43, "Inspection and Modification of Flow Dividers" (A.D. #75-09-15)

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 428*	Fuel Injector, Bendix Bulletin No. RS-52, "Mod. Of RSA-5AB1, RSA-5AD1 & RSA-10AD1" (Refer to Supplement No. 1 to S.B. 428) (A.D. #78-23-10)
S.B. 429*	Fuel Injector, Bendix Bulletin No. RS-53, "Modification of RSA-7AA1" (A.D. #78-23-10)
S.B. 430*	Fuel Injector, Bendix Bulletin No. RS-54, "Mod. Of RSA-10DB1, RSA-10DB2 & RSA-10ED1" (Refer to Supplement No. 1 to S.B. 430) (A.D. #78-23-10)
S.B. 433A*	Fuel Injector, Bendix Bulletin No. RS-57, Rev. 1, "Inspection of Fuel Diaphragm Assy. P/N 2529471" (A.D. #79-04-05)
S.B. 444A*	Fuel Injector, Bendix Bulletin No. RS-62, Rev. 2, "Modification of Mixture Control Shaft Assy." (A.D. #81-03-05)
S.B. 445	Fuel Injector, Bendix Bulletin No. RS-63, "Inspection of Fuel Diaphragm Assy."
S.B. 441	Fuel Injector, Bendix Bulletin No. RS-66, "Modification of Idle Valve Assy."
S.B. 442*	Fuel Injector, Bendix Bulletin No. RS-68, "Integrity Inspection of Regulator Stem Nut" (Refer to Supplement No. 1 to S.B. 442) (A.D. #'s 79-21-08 & 79-26-03)
S.B. 443*	Fuel Injector, Bendix Bulletin No. RS-69, "Integrity Inspection of Regulator Stem Nut" (A.D. #79-21-08)
S.I. 1414B	Fuel Injector, Bendix Bulletin No. RS-77, Rev. 1, "Air Bleed Nozzle, RS & RSA Fuel Injection Systems, Two Piece Assy."
S.B. 467*	Fuel Injector, Bendix Bulletin No. RS-88, "Deter. Of Fuel Diaphragm Change" (Refer to Supplement No. 1 and No. 2 to S.B. 467) (A.D. #83-22-04)
S.I. 1404A	Fuel Injector, Bendix Bulletin No. SSB-318, "Overhaul Periods for Bendix Fuel System Components"
S.I. 1335	Fuel Injector, Bendix Letter No. 22, "Mixture Control Maintenance"
S.I. 1445	Fuel Injector, Precision Airmotive Corp.S.B. PRS-91, "Timing of the Power Enrichment Valve Opening"
S.B. 485*	Fuel Injector, Precision Airmotive Corp.S.B. PRS-92, "Contamination" (A.D. #89-13-02)
S.B. 532	Fuel Injector, Precision Airmotive Corp.S.B. PRS-103, "RSA-10 Fuel Diaphragm Assembly Part number 2541803" (Refer to Supplement No. 2 to S.B. 532)
S.B. 557	Fuel Injector, Precision Airmotive Corp.S.B. PRS-105, "Servo Metered Fuel Pressure Port Leakage"
S.B. 581A*	Fuel Injector, Precision Airmotive Corp. Service Bulletin Nos. PRS-107, Rev. 1 and PEX-1, "Hex Plug 383493 Coming Loose from Regulator Cover" (A.D. #2009-02-03)
S.I. 1494	Fuel Injector, Precision Airmotive Service Information Letter No. SIL RS-45, "Rework Instructions for RSA-5AD1 Fuel Injection Servo Installed on Slingsby T-3A"
S.I. 1518	Fuel Injector, Precision Airmotive Corp. Service Information Letter No. SIL RS-84, "Flow Divider Cold Weather Operation"
S.I. 1519A	Fuel Injector, Precision Airmotive Corp. Service Information Letter No. SIL RS-87, "New Regulator Plug Gasket and Increased Torque for All RSA-5 and RSA-10 Fuel Injection Servos"
S.I. 1069A	Fuel Injector, Simmonds Model No. 580, "Procedure for Inspection & Adjustment to Regulate Fuel Flow"
S.I. 1378	Fuel Inj. And Carb., Overheating, Bendix Fuel Injector Bulletin No. SSB-317, "Preheating Procedures"
S.I. 1532K	Fuel Injectors, Fuel Manifold Assemblies, and Fuel Nozzle Assemblies, Approved
S.L. L242	Fuel Injectors, Improved Lower Idle Valve
S.L. L150T	Fuel Injectors, Simmonds, Reconditioned
S.B. 342G*	Fuel Line and Support Clamp Insp. And Installation (A.D. #2015-19-07) (Refer to Supplements No. 1, No. 2, <b>No. 3, No. 6, and No. 7 to S.B. 342G</b> )
S.B. 421*	Fuel Line Between Fuel Pump and Fuel Injector (IO-540-G1B5, -K1F5, -P1A5, -S1A5) (A.D. #78-23-08)
S.I. 1079B	Fuel Line Filters, Servo, Periodic Maintenance
S.B. 626A	Fuel Manifold (Lycoming), Flow Divider AVStar Inspection
S.I. 1532K	Fuel Manifold Assemblies, Fuel Nozzle Assemblies, and Fuel Injectors, Approved
S.I. 1489C	Fuel Manifold Spring Change
S.I. 1539	Fuel Manifold Spring Change
S.I. 1431	Fuel Metering and Turbocharger Linkage Adjustments (Refer to Supplement No. 2 to S.I. 1431)
S.I. 1484C	Fuel Metering Device, Installation Torque, Carburetor or Fuel Injector Servo Unit Hold Down Nuts
S.I. 1094D	Fuel Mixture Leaning Procedure
S.I. 1532K	Fuel Nozzle Assemblies, Fuel Injectors, and fuel Manifold Assemblies, Approved
S.I. 1446*	Fuel Pump (AN), Possible Ruptured Pressure Regulator Diaphragm (A.D. #91-08-07)
S.L. L218	Fuel Pump Adapters
S.B. 599	Fuel Pump 201F Inspection and Recall, Compliance with Hartzell Engine Technologies Service Bulletin No. 045

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.L. L255A	Fuel Pump Diaphragm Type, Approved
S.I. 1420A	Fuel Pump Drive Spline Lubrication
S.B. 374	Fuel Pump Inlet Inspection
S.B. 406A	Fuel Pump Inspection, Titan
S.I. 1309	Fuel Pump Modification, Titan
S.I. 1549	Fuel Pump Plunger P/N 23D26777, Notification of Approved
S.B. 621B	Fuel Pump Replacement, Diaphragm-Type
S.B. 497*	Fuel Pump Vent Fittings, New, Restricted, Installations in AN Drive (A.D. #91-08-07)
S.B. 494*	Fuel Pump Vent Fittings, Restricted, Installation of (A.D. #91-08-07)
S.B. 487*	Fuel Pump Vent Restriction (A.D. #89-15-10)
S.B. 525A*	Fuel Pump, Inspection of High Pressure, P/N LW-15473 (A.D. #96-23-03)
S.B. 548A	Fuel Pump, Inspection/Replacement, Diaphragm Type
S.B. 565	Fuel Pump, Inspection/Replacement, Diaphragm Type
S.B. 563	Fuel Pump, Kelly Aerospace Power Systems Mandatory S.B. MRB No. 113, "Inspection and Factory Repair of the KAPS 200F Series Fuel Pumps"
S.B.590A	Fuel Pump, Use of Aircraft Boost Pump with Kelly Aerospace 200F Series
S.B. 624	Fuel Pump, Reprint of Hartzell SB-065, Valve Housing Cap Screw Replacement
S.B. 628	Fuel Pump Leak Inspection and Diaphragm Replacement), Reprint of Hartzell Engine Technologies' Service Bulletin ASB 069 (
S.B. 496	Fuel Pump, Lear RomecS.B. 101SB019, "Relief of Valve Diaphragm Replacement"
S.B. 529B*	Fuel Pump, Lear RomecS.B. 101SB020, "Torquing of Relief Valve Cover Screws" (A.D. #2003-14-03)
S.B. 500A	Fuel Pump, Lear RomecS.B. 3402, "Rotary Fuel Pump – Non-Conforming Regulating Valve Diaphragm"
S.B. 506	Fuel Pump, Lear RomecS.B. 3403, "Rotary Fuel Pump – Replacement of Regulator Valve Diaphragm"
S.B. 539A	Fuel Pump, Lear Romec Service Bulletins No. RG9080-73-001, No. RG9570-73-001, and No. RG17980-73-001, "Replacement of Valve Housing and Related Seals"
S.I. 1110C	Fuel Pumps, AC, Replacement
S.I. 1559	Fuel Pumps, Adjusting Fuel Pressure on AN-Drive Type
S.I. 1533D	Fuel Pumps, Approved Rotary Vein
S.B. 398B*	Fuel, Recommendations Regarding Use of Incorrect
S.B. 596	Fuel Servo, AVStar Mandatory Service Bulletin AFS-SB6
S.L. L253C	Fuel System AVStar Warranty repair of
S.I. 1070Z	Fuels, Specified
S.B. 362A	Fuel Vent Line Check Valve Installation
S.I. 1062	Fuel Vent Return, T Fitting, Maintenance Procedures
S.B. 407A*	Gage Assys., Oil Level (A.D. #77-07-07)
S.I. 1379	Gage Kit, Oil Level
S.I. 1288	Gage, Oil Level, Modification of
S.B. 451	Gage, Oil Level, Rework or Replacement
S.B. 439A	Galling, Inspection of Connecting Rod for
S.B. 307	Gasket , AC Oil Filter Adapter Replacement of (A.D. 66-20-04)
S.I. 1453B*	Gasket, Oil Filter Converter Plate, Replacement of (A.D. #2002-12-07)
S.B. 543C*	Gasket, Oil Filter Converter Plate, Replacement (A.D. #2002-12-07) (Refer to Supplement No. 1 of S.B. 543C)
S.I. 1204D	Gaskets, Exhaust Flange
S.L. L272A	Gaskets, Release of New Silicone Rocker Cover
S.I. 1016C	Gear and Camshaft Replacement
S.I. 1439	Gear Assembly and Camshaft, New Integral, Installation (Refer to Supplement No. 1 to S.I. 1439)
S.B. 475C*	Gear Assembly Procedures and Modification, Crankshaft (A.D. #2004-10-14) (Refer to Supplement No. 1 to S.B. 475C)
S.B. 319B*	Gear Assy., Inspection, Reduction (A.D. #69-25-08)
S.I. 1076	Gear Assys., Bevel, Pitch Alignment and Backlash
S.I. 1196	Gear Attaching Studs, Reduction, Replacement
S.I. 1386A	Gear Bushing, Magneto Drive, Replacement of Damaged or Worn
S.I. 1159	Gear Housing Interference, Reduction, Crankcase Modification to Prevent

**Alphabetical Listing of Lycoming  
Service Bulletins, Letters, and Instructions**

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 178A	Gear Housing Sleeve, Repair of Worn Reduction
S.B. 475C*	Gear Modification and Assembly Procedures, Crankshaft (A.D. #2004-10-14) (Refer to Supplement No. 1 to S.B. 475C)
S.I. 1236A	Gear Pinion Cages, Reduction, Repair Procedure for Worn (Refer to Supplement No. 1 to S.I. 1236A)
S.I. 1331A	Gear Replacement, Crankshaft – TIO & TIGO-540 Series
S.I. 1417	Gear Shaft Bore Repair, Crankcase
S.I. 1197A	Gear Shaft Recesses, Idler, Repair
S.B. 486	Gear Support Assemblies, Inspection of Single Belt Driven Starter Ring
S.B. 554*	Gear, Crankshaft Retaining Bolt Replacement (Refer to Supplement No. 3, No. 4, and No. 5 to S.B. 554) (A.D. #2004-05-24)
S.I. 1351	Gear, Drive, and Drive Shaft, Accessory
S.I. 1387	Gear, Governor Drive, Replacement of
S.I. 1360	Gear, Magneto Drive
S.I. 1356	Gear, Reduction, Oversize Thrust Bearing for
S.L. L233	Gear, Ring, Support Assys., Better Identification of Reverse Rotation
S.I. 1118A	Gear, Starter Drive, Replacement
S.I. 1121	Gears, Ring, Identification
S.I. 1141A	Gears, Starter Ring, Replacement of Worn
S.I. 1170	Generator Mounting Bolt Replacement
S.I. 1129D	Generator, DC, Methods of Checking, and Alternator Belt Tension
S.I. 1105B	Generator/Alternator Mounting Brackets, Periodic Inspection
S.I. 1154V	Generators, FAA Approved
S.B. 633	Gipps TIO-540-AH1A Oil Level Gage
S.B. 246	GO-435-C2B and –C2B2 Conversion to GO-435-C2B-6 and –C2B2-6
S.I. 1177B	Governor Drive Gearing Repair in Crankcase
S.I. 1387	Governor Drive Gear, Replacement of
S.B. 488A*	Governor Line Support, Propeller (Refer to Supplement No. 1 to S.B. 488A) (A.D. #90-04-06)
S.I. 1438A	Governor Pad Plate, Propeller, P/N LW-12347
S.B. 364A*	Grommet, Magneto Replacement (A.D. #73-15-04)
S.I. 1498B	Ground Operations, Recommended Engine Procedures for Purging Vapor During
S.I. 1266	Ground Strap, Alternator – All Engines with Prestolite
S.I. 1342	Guide Clearance, Exhaust Valve, Increased
S.B. 503	Guide Replacement, Exhaust Valve on TIO-540-AF1A Engines
S.I. 1116C	Guide, Exhaust Valve Clearance Modification
S.I. 1485A	Guide, Exhaust Valve Identification Procedure
S.I. 1479A	Guide, Exhaust Valve Kit, Oil Cooled, TIO-540-AF1A
S.I. 1200A	Guide, Exhaust Valve, Honing During Replacement
S.B. 388C	Guide, Exhaust Valve, Procedure to Determine Condition
S.I. 1136A	Guides, Ni-Resist, in Parallel Valve Cylinders (Refer to Supplement No. 1 to S.I. 1136A)
S.I. 1256F	Guides, Valve, for Service Use
S.B. 490A	Guides, Valve, Installation of Intake and Exhaust
S.I. 1362	Hard Starting
S.B. 619	Hardness Check for Rocker Arm, Part Number LW-15014
S.I. 1419	Harness, Magneto Wiring, Modification of
S.B. 604	Hartzell Alert Service Bulletin No. 048, Turbocharger Model TAO411, P/N 410188-0019 Turbine Wheel Replacement (A.D. 2012-24-09)
S.B. 613	Hartzell Alert Service Bulletin No. 057, Turbocharger Back Plate Assembly P/N 406795-0058 Replacement
S.L. L235A	Hartzell Compact Propeller, Aluminum Hub, Installation on Comanche 250 Aircraft
S.B. 608	Hartzell Engine Technologies Fuel Pump Assembly Replacement (Refer to Supplement No. 1 to S.B. 608)
S.B. 628	Hartzell Engine Technologies' Service Bulletin ASB 069 (Fuel Pump Leak Inspection and Diaphragm Replacement), Reprint of
S.B. 624	Hartzell SB-065, Fuel Pump, Valve Housing Cap Screw Replacement
S.B. 594	Hartzell Mandatory Service Bulletin 040A, Reprint

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1227	Hartzell Propeller Letter No. 17, "Oil Leakage"
S.B. 623	Hartzell Service Bulletin SB-062, Alternator P/N LW-14326 or LW-14338, Reprint
S.I. 1546	Hartzell Engine Technologies, LLC, Specific Requirements for Installation and Removal of Electrical Leads on Starters
S.I. 1148C	Heat Control, Use of Carburetor
S.I. 1448	Heat Muffler Covers, Installation of Tailpipes and (Refer to Supplement No. 2 to S.I. 1448)
S.I. 1043A	Heli-Coil Insert Replacement, Spark Plug
S.B. 387	Heli-Coil Installation in Induction Housing
S.L. L162B	Heli-Coil Service Repair Kit
S.I. 1291	High Altitude Operation, Ignition System for
S.B. 404	High Lead Fuel Operation, Exhaust Valve, Inspection
S.I. 1432A	High-Crush, Thin-Wall Rear Main Bearings, Installation of in Crankcases without Retention Dowels
S.I. 1323A	High-Tensile Strength Bolts, Connecting Rod with
S.I. 1469	High-Tensile Strength Bolts, Connecting Rod with
S.L. L185B	Higher Octane Aviation Fuel, Use of 100LL for Engines Rated 80/87 Octane
S.I. 1484C	Hold Down Nuts, Carburetor or Fuel Injector Servo Unit, Installation Torque for Fuel Metering Device
S.I. 1228A	Hold-Down Plates, Cylinder, Modification of
S.I. 1257G	Horsepower, Manifold Pressure and RPM Values
S.B. 509	Hose Assemblies, 601, Aeroquip S.B. AA135
S.I. 1361	Hose Clamps, T-Bolt
S.I. 1464	Hose Line Problems, Aeroquip S.B. AA91
S.I. 1274B	Hoses, Fuel and Oil, Silicone Coated, Service Replacement
S.I. 1234	Housing Assy., Induction, Tightening Procedure
S.B. 417A	Housing, Air Inlet
S.I. 1396	Housing, Induction Air, Redesigned
S.I. 1171	Housings, Accessory, and Covers, Salvage of
S.I. 1286B	Housings, Stainless Steel, TE0659 Turbochargers with
S.L. L271	How to Access Lycoming Digital Technical Publications
S.I. 1011N*	Hydraulic Lifter Assy., Plunger Assys., Tappet Bodies: Table of Current (A.D. #62-03-02)
S.I. 1352A	Hydraulic Lifter Body Disassembly
S.I. 1406E*	Hydraulic Lifters, Crankcase Parts for Use with Large Diameter (A.D. #80-04-03)
S.I. 1402	Hydraulic Lifters, Redesigned
S.I. 1338	Hydraulic Pump Drive Shaft Modification
S.B. 238	Hydraulic Tappet Plunger Assy., Magnetized Condition
S.B. 424*	Hydraulic Tappet Replacement (A.D. #77-20-07)
S.I. 1424A	Hydraulic Tappet/Plunger Assy., P/N 78290, Installation Procedure
S.B. 632B*	Identification of Connecting Rods with Non-Conforming Small End Bushings
S.I. 1390	Idle Tube, Carburetor, Replacement
S.L. L242	Idle Valve, Improved Lower in Fuel Injectors
S.I. 1197A	Idler Gear Shaft Recesses, Repair
S.B. 572	Idler Shaft Location, Missing Oil Passage Hole
S.I. 1341*	Idler Shaft Lubrication, Oil Pump (A.D. #96-09-10)
S.I. 1343C*	Idler Shaft, Propeller Governor, Set Screw for (A.D. #2015-02-07)
S.I. 1310A	Idler Shafts, Lockwire for
S.I. 1294	Ignition Cable Routing, Alternate
S.L. L222	Ignition Components, Teledyne Continental Motors, Warranty Repair
S.B. 595	Ignition Harness Attachment Plate, Torque Values for Screws that Attach, S-20 and S-200 Series TCM Magnetos)
S.I. 1365	Ignition Harness Spark Plug Ends, Bendix Electrical Bulletin No. 597, "Cleaning of"
S.I. 1314	Ignition Leads (Slick) Furnished on Bendix Magnetos, Replacement
S.I. 1375	Ignition Noise, Bendix Electrical Components Bulletin No. 603
S.I. 1291	Ignition System for High Altitude Operation
S.B. 357	Immersion, Engine Inspection in Event of
S.I. 1032H	Impeller Assys., Supercharger, Parts Replacement and Dynamic Balance

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 423*	Impeller Replacement and Oil Pump Inspection (A.D. #78-12-08)
S.I. 1230B	Impellers, Oil Pump
S.I. 1434	Impellers, Oil Pump, Improved
S.B. 524*	Impellers, Replacement of Aluminum and Sintered Iron (Refer to Supplement No. 1 to S.B. 524) (A.D. #96-09-10)
S.B. 526	Impulse Coupling Springs or Impulse Coupling Assembly on TCM (Bendix) D-2000 or D-3000 Impulse Dual Magnetos, Replacement
S.I. 1495	Impulse Coupling Magneto, Replacement of
S.I. 1189	Impulse Coupling Magneto, Slick Malfunction
S.I. 1506A	Impulse Coupling Magnetos, Replacement on 4-Cylinder Engines
S.I. 1396	Induction Air Housing, Redesigned
S.I. 1234	Induction Housing Assy., Tightening Procedures
S.B. 387	Induction Housing, Heli-Coil Installation
S.I. 1571	Induction Housing on TIO-540-AJ1A and IO-540- AC1A5, Lockplate installation for
S.L. L204	Injection Conversion Kit P/N LW-18866, Fuel
S.I. 1407	Injection Pumps, Simmonds Precision Bulletin No. V-1164, "Periodic Inspection & Overhaul"
S.I. 1301B	Injector Lines, Fuel, Identification
S.I. 1275C	Injector Nozzles, Fuel, Cleaning
S.I. 1491	Injector, Fuel, Check
S.B. 421*	Injector, Fuel Line Between Fuel Pump and Fuel (A.D. #78-23-08)
S.I. 1329A	Inlet Adapter Seals, Supercharger
S.I. 1300	Inlet Oil Pressure, Increased Turbocharger
S.B. 342G*	Inspection and Installation, Fuel Line and Support Clamp (A.D. #2015-19-07) (Refer to Supplements No. 1, No. 2, No. 3, No. 6, and No. 7 to S.B. 342G)
S.B. 599	Inspection and Recall, 201F Fuel Pump, Hartzell Engine Technologies Service Bulletin No. 045.
S.B. 522*	Inspection and Replacement of Push Rod P/N 73806 (A.D. #95-03-10)
S.B. 534	Inspection and Replacement of Turbocharger Oil Drain Tank
S.B. 477A*	Inspection and Rework of P/N LW-18790 Rocker Arm Assy. (Refer to Supplement No. 1 to S.B. 477A) (A.D. #87-10-06)
S.B. 505B*	Inspection of Crankshaft ID for Corrosion
S.B. 592	Inspection of Engine after Overboost
S.B. 369R	Inspection of Engine after Overspeed
S.I. 1530	Inspection, Engine in Particulate-Laden Environments
S.B. 521	Inspection of Exhaust System Slip Joints for Proper Engagement and Inspection of Marmon Flange Joint at Transition Inlet
S.B. 525A*	Inspection of High Pressure Fuel Pump, P/N LW-15473 (A.D. #96-23-03)
S.B. 558	Inspection of Oil Suction Screen Area for Casting Voids
S.I. 1511A	Inspection of "PID" Stamped Crankshafts
S.B. 479	Inspection of P/N 77429 Right Intermediate Exhaust Pipe and Exhaust Slip Joint Modification
S.B. 486	Inspection of Single Belt Driven Starter Ring Gear Support Assemblies
S.B. 564A	Inspection of Suction Screen Length
S.B. 531C	Inspection of Turbochargers and Tailpipes on TIO-540-AE2A Model Engines
S.B. 518D	Inspection of Thermostatic Bypass Valves
S.B. 484*	Inspection, Alignment and Modification of Crossover Exhaust Assembly (A.D. #89-12-04)
S.I. 1535	Inspection, Counterweight and Roller, Removal and Installation (Refer to Supplement. No. 1 to S.I. 1535)
S.B. 549	Inspection, Crankshaft/Engine (Refer to Supplement No. 1 to S.B. 549)
S.B. 553*	Inspection, Crankshaft for Lycoming Six Cylinder Turbocharged Engines (Refer to Supplement No. 1 to S.B. 553) (A.D. #2002-19-03)
S.B. 627E*	Inspection, Exhaust System TIO-540-AJ1A (A.D. #62-03-02)
S. B. 593B	Inspection, Intake Valve Date Stamp
S.B. 555A	Inspection, Oil Pump Body Plug
S.I. 1492D	Inspection, Piston Pin Plug Wear
S.I. 1504	Inspection/Replacement of Cylinder Assembly on O-235 Engines
S.B. 548A	Inspection/Replacement of Diaphragm-Type Fuel Pump

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 565	Inspection/Replacement of Diaphragm-Type Fuel Pump
S.I. 1143C	Inspection, Replacement, and Special Tooling Upgrades, Counterweight Bushing
S.B. 406A	Inspection, Titan Fuel Pump
S.B. 540	Inspection, Valve Seat
S.I. 1535	Installation, Counterweight and Roller, Removal and Inspection Refer to Supplement No. 1 to S.I.1535)
S.I. 1546	Installation and Removal of Electrical Lead on Hartzell Engine Technologies, LLC Starters, Specific Requirements for
S.I. 1216	Intake Pipe and Seal Replacement
S.I. 1168B	Intake Pipe Bores, Repair, Oil Sump
S.I. 1355	Intake Pipe Extensions and Clamps
S.I. 1173	Intake Pipe Mounting Stud Replacement
S.B. 490A	Intake Valve Guides, and Exhaust, Installation of
S.B. 593B	Intake Valve Inspection for Date Stamp
S.L. L181	Intake Valve Replacement (See Service Instruction Nos. 1280C, 1262A & 1302A)
S.I. 1302A	Intake Valve, Rotator, with Small Diameter Head
S.B. 502	Intake Valves, P/N LW-13262, Replacement, Etched with Date Code K-L
S.I. 1280C	Intake Valves, Rotator Type
S.I. 1262A	Intake Valves, Small Head, and Venturi Seats
S.I. 1439	Integral Camshaft and Gear Assembly, Installation of New (Refer to Supplement No. 1 to S.I. 1439)
S.L. L249	Interim Alternative to Address the Discontinuation of Teledyne Dual Magnetos
S.I. 1502A	Inverted Flow Divider, Installation of
S.I. 1570	Inverted Oil System, Alternate Oil Sump Fitting Configuration for Aerobatic
S.I. 1397A	Inverted Oil System, Overflow Oil from Breather Fitting
S.I. 1572	IO-360-B4A, Plug Replacement of Vapor Return Fitting on Piper installation of
S.B. 380A	IO-360-C Timing Change
S.I. 1263B	IO-360 Series Engines, Redesigned Camshaft
S.I. 1325A	IO-360 Series Engines, Timing Change
S.I. 1571	IO-540- AC1A5, Lockplate installation for Induction Housing on TIO-540-AJ1A and
S.I. 1205	Journal Diameters, Standards for Crankshaft
S.I. 1531	Kelly Aerospace E-drive Starters, Alternator Bracket for Engines Equipped with
S.B. 591A	Kelly Aerospace Energy Systems Mandatory S.B. 039, "Turbine Wheel Replacement"
S.B. 563	Kelly Aerospace Power Systems Mandatory S.B. MSB No. 113, "Inspection and Factory Repair of the KAPS 200F Series Fuel Pump"
S.B. 580*	Kelly Aerospace Power Systems Bulletin No. 029, "Turbocharger Exhaust Flange Inspection and/or Turbine Housing Replacement" (A.D. #2008-08-17)
S.B. 559	Kelly Aerospace Power Systems S.B. 112, Rev. A, "Recall of Starters Due to Potential Failure of the Drive Gear Assembly"
S.I. 1515	Kelly Aerospace Power Systems Service Information Letter No A-115, "Recommended Service/Inspection for Alternator Series ALE, ALU, ALY, ALX"
S.B. 545A	Kit Installation Modifications
S.B. 411D	Kit, Adapter, for Magneto Isolation Drive
S.I. 1436A	Kit, Adapter, for Magneto Isolation Drive
S.I. 1510A	Kit, Adapter, for Magneto Isolation Drive
S.I. 1393	Kit, Carburetor Modification
S.B. 499C*	Kit, Exhaust Pipe, One-Piece, Installation (A.D. #91-21-01)
S.L. L162B	Kit, Heli-Coil Service Repair
S.I. 1479A	Kit, Oil Cooled Exhaust Valve Guide, TIO-540-AF1A
S.I. 1455	Kit, P/N 05K21433, Fuel Injection Manifold, Installation
S.B. 520	Kits, Cylinder P/N 05K21108, P/N 05K21118 and P/N 05K21104, Shipped with Incorrect Piston
S.B. 578	Kits, Cylinder, Shipped with Incorrect Cylinder Assemblies
S.B. 371B*	Kits, New Rods with High Crush Bearings, Connecting Rod Assys. (A.D. #73-05-01)
S.I. 1513	Lamar Service Information Letter No. LSI-009, "Lamar Starter, P/N 2401 (Lycoming P/N 31B22207) Installed on Cessna 172 and 182 Aircraft
S.I. 1314	Leads, Ignition (Slick) Furnished on Bendix Magnetos, Replacement

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1483A	Leak Check, Valve (Field Procedure)
S.I. 1462A	Leak Test Procedure, Propeller Oil Control
S.I. 1094D	Leaning Procedures, Fuel Mixture
S.B. 496	Lear Romec S.B. 101SB019, Fuel Pump, "Relief Valve Diaphragm Replacement"
S.B. 529B*	Lear Romec S.B. 101SB020, Fuel Pump, (Torquing of Relief Valve Cover Screws" (A.D. #2003-14-03)
S.B. 500A	Lear Romec S.B. 3402, Fuel Pump, "Rotary Fuel Pump – Non-Conforming Regulating Valve Diaphragm"
S.B. 506	Lear Romec S.B. 3403, Fuel Pump, "Rotary Fuel Pump – Replacement of Regulator Valve Diaphragm"
S.B. 539A	Lear Romec Service Bulletins No. RG9080-73-001, No. RG9570-73-001, and No. RG17980-73-001, Fuel Pump, "Replacement of Valve Housing and Related Seals"
S.I. 1309	Lear Siegler Fuel Pump Modification
S.I. 1379	Level Gage Kit, Oil
S.I. 1288	Level Gage, Oil, Modification of
S.I. 1265A	Lever, Serrated Throttle, and Shaft
S.I. 1352A	Lifter Body Disassembly, Hydraulic
S.I. 1381	Lifter, Hydraulic, and Upper Exhaust Valve Spring Seat, Replacement
S.I. 1402	Lifter, Hydraulic, Redesigned
S.B. 435*	Lifter, Hydraulic, Replacement of Upper Exhaust Valve Spring and (Refer to Supplement No. 2 to S.B. 435) (A.D. #80-04-03)
S.I. 1406E*	Lifters, Hydraulic, Crankcase Parts for Use with Large Diameter (A.D. #80-04-03)
S.I. 1011N*	Lifters, Hydraulic, Table of Current (A.D. #62-03-02)
S.L. L202B	Lightning Holes, All 320, 360 and 540 Series Engines using Crankshaft with, Installed in Aircraft Used for Aerobatic Maneuvers
S.B. 401A	Lightning Strike, Recommended Guidance After a
S.I. 1447B	Lightweight Starter Installation Instructions
S.I. 1461	Lightweight Starter P/N 31B21064 (24V) and P/N 31A21198 (12V), Improved Pinion
S.B. 328	Limited Travel Valve Lifter Replacement
S.I. 1427C	Limits, Oil Consumption and Engine Break-In
S.B. 488A*	Line Support, Propeller Governor (Refer to Supplement No. 1 to S.B. 488A) (A.D. #90-04-06)
S.I. 1211D	Linkage, Controller, and Fuel Injector Setting
S.I. 1431	Linkage, Turbocharger, and Fuel Metering Adjustments (Refer to Supplement No. 2 to S.I. 1431)
S.I. 1571	Lockplate installation for Induction Housing on TIO-540-AJ1A and IO-540- AC1A5
S.L. L147B	Lubricant, Anderol 471 All-Climate Synthetic Aircraft
S.L. L183	Lubricants, Spin-On Filter
S.B. 318B	Lubricating Oil Limitations
S.L. L203	Lubricating Oil Recommendations
S.I. 1014M	Lubricating Oil Recommendations
S.I. 1392	Lubricating Oil Recommendations and Cold Weather Operation
S.B. 399A	Lubricating Oil, Safe Quantity
S.L. L229B	Lubricating Oil, Use of Mobil AV 1 Synthetic, in Textron Lycoming Reciprocating Engines, Discontinuance
S.I. 1292A	Lubrication and Stainless Steel Thrust Bearing Modifications
S.B. 403	Lubrication Requirements, Aerobatic Engines
S.I. 1420A	Lubrication, Fuel Pump Drive Shaft
S.I. 1250	Lubrication, Propeller Shaft Bearing
S.I. 1278	Lubrication, Starter Drive
S.L. L240A	Lycoming, Part Numbers Identified by -70 or -85 Suffix
S.I. 1566	Lycoming Engines Approves the Use of Safety Cable
S.I. 1573	Lycoming TEO-540 Engine Series Engine Control Unit (ECU) Assembly Cross-References
S.I. 1285F	Non-Destructive Testing of Lycoming Engine Parts
S.I. 1508C	Magneto Attachment
S.I. 1140	Magneto Bearing Recess, Crankcase, Salvage Repair
S.B. 365	Magneto Conversion, Bendix, to Incorporate Flexible Drive
S.I. 1264	Magneto Cover, Addition of Moisture Drains
S.I. 1158	Magneto Drive Adapter Replacement



## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1360	Magneto Drive Gear
S.I. 1299B	Magneto Drive Gear and Cushion Modification
S.I. 1386A	Magneto Drive Gear Bushing, Replacement of Damaged or Worn
S.B. 311	Magneto Drive Gears, Inspection and Replacement
S.I. 1132B	Magneto Drop-Off
S.B. 364A*	Magneto Grommet Replacement (A.D. #73-15-04)
S.I. 1252C	Magneto Installation, Bendix –1200 Series
S.B. 411D	Magneto Isolation Drive, Adapter Kit
S.I. 1436A	Magneto Isolation Drive, Adapter Kit
S.I. 1510A	Magneto Isolation Drive, Adapter Kit for
S.I. 1224	Magneto Modification, VO-435-B1A
S.I. 1308E	Magneto Pressure Test, Pressurized (Refer to Supplement No. 1 to S.I. 1308E)
S.B. 573	Magneto Pressure Tests, Pressurized (Refer to Supplement No. 1 to S.B. 573)
S.L. L177A	Magneto Replacement Policy, Slick Electro
S.I. 1208	Magneto Shaft Bore Bushings, Installation of
S.B. 380A	Magneto Timing Change, IO-360-C Engines
S.B. 183A	Magneto Timing Discrepancies
S.I. 1419	Magneto Wiring Harness, Modification of
S.B. 340	Magneto, Bendix Bulletin No. 530A, “Securing Coil Clamp”
S.I. 1260	Magneto, Bendix Bulletin No. 533A, “Acceptable Stress Relief Fissures, Flow Lines and Cracks”
S.I. 1226	Magneto, Bendix Bulletin No. 545, “Tubing for S-1200 Cover Hold Down Screw”
S.B. 341	Magneto, Bendix Bulletin No. 549, “Locating Shoulder for Carbon Brush Spring”
S.B. 343B	Magneto, Bendix Bulletin No. 551A, “New Distributor Block Lubricant”
S.B. 376*	Magneto, Bendix Bulletin No. 556B, “Magneto Drive Shaft Bushing Change” (A.D. #74-26-09)
S.I. 1282	Magneto, Bendix Bulletin No. 560, “Replacement of Transformer Coils & Rotating Magnets”
S.B. 373	Magneto, Bendix Bulletin No. 566, “S-1200 Distributor Block and Gear Change” (Refer to Supplement No. 1 to S.B. 373)
S.I. 1332	Magneto, Bendix Bulletin No. 573, “Green Block Distributor”
S.I. 1327	Magneto, Bendix Bulletin No. 580, “Breaker Securing Screws”
S.B. 416A*	Magneto, Bendix Bulletin No. 584B, “Coil Retaining Devices, D2000/D2200 Mags.” (A.D. #78-18-04)
S.B. 410*	Magneto, Bendix Bulletin No. 587, “Inspection of D2000 Capacitors & Lead Crimp Terminals” (A.D. #78-18-04)
S.I. 1367	Magneto, Bendix Bulletin No. 588, “Stress Lines in Distributor Blocks”
S.B. 414*	Magneto, Bendix Bulletin No. 589, “Rear Bearing Lubrication – D2000/D2200 Mags.” (A.D. #77-17-07 references Bendix Magneto Bulletin No. 589)
S.B. 415A*	Magneto, Bendix Bulletin No. 590A, “Rotating Magnets to Housing Clearance – D2000/D2200 Mags.” (A.D. #78-18-04)
S.I. 1382	Magneto, Bendix Bulletin No. 592, “Inspection of Breaker Contact Assys. And Capacitor Flag Terminal Crimps”
S.B. 427A	Magneto, Bendix Bulletin No. 600, “10-353110 Bearing in D2000/D2200 Mags.”
S.B. 438A*	Magneto, Bendix Bulletin No. 605A, “Housing Distortion and Coil Retention” (A.D. #80-17-14)
S.B. 437*	Magneto, Bendix Bulletin No. 606, “D2000/D2200 Mags. Using Green Distributor Blocks” (A.D. #79-12-07)
S.I. 1400	Magneto, Bendix Bulletin No. 608, “Self-Locking Cam Retaining Screws”
S.B. 458	Magneto, Bendix Bulletin No. 613, “Inspection and/or Replacement of Green Distributor Blocks”
S.B. 461	Magneto, Bendix Bulletin No. 617, “Replacement or Inspection of Distributor Blocks”
S.B. 459*	Magneto, Bendix Bulletin No. 618, “Replacement or Inspection of Distributor Blocks” (A.D. #81-12-06)
S.B. 460	Magneto, Bendix Bulletin No. 619, “Replacement or Inspection of Distributor Blocks”
S.B. 464*	Magneto, Bendix Bulletin No. 623A, “Inspection of Impulse Coupling Cam Assys.” (A.D. #82-20-01)
S.L. L207	Magneto, Bendix Bulletin No. 625, “Broken Coil Securing Clamps, P/N 10-50765”
S.I. 1433	Magneto, Bendix Bulletin No. 626, “Installation of Impulse Coupling Assys.” NO LONGER CURRENT
S.B. 469	Magneto, Bendix Bulletin No. 627, “Distributor Block Kit P/N 10-682056 (6 Cyl.) Dual Magneto Series”
S.B. 470	Magneto, Bendix Bulletin No. 628, “Replacement of Impulse Coupling Main Spring P/N 10-382941”

**Alphabetical Listing of Lycoming  
Service Bulletins, Letters, and Instructions**

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 474	Magneto, Bendix Bulletin No. 629, "Inspection and Replacement of Brown Magneto Blocks on Turbocharged (6 Cyl.) Engines"
S.L. L249	Magneto Dual, Interim Alternative to Address the Discontinuation of Teledyne
S.I. 1120	Magneto, Scintilla Bulletin No. 502, "S-700 Magnetos –Internal Timing"
S.I. 1126	Magneto, Scintilla Bulletin No. 503, "Lubrication of Tapered Drive on S Series Magnetos" REPLACED BY TCM SB 631
S.I. 1139	Magneto, Scintilla Bulletins No. 510, "Distributor Gears – S-600 Series" and No. 511, "Replaceable Electrode – S-700 Series"
S.B. 568	Magneto, Slick Aircraft Products Bulletin No. SB1-88B, "Periodic Inspection of Slick Models 6320, 6324, 6360, 6361, 6363 and 6365 Pressurized Magnetos"
S.B. 537*	Magneto, Slick Aircraft Products Bulletin No. SB1-98, "Mandatory Impulse Coupling Inspection on Certain 6 Cylinder Textron Lycoming Engines" (A.D. #99-04-04)
S.B. 432*	Magneto, Slick Electro Bulletin No. 1-78, "Magneto/Condenser Replacement" (A.D. #78-25-01)
S.I. 1385	Magneto, Slick Electro Bulletin No. 1-79, "Grounding of Non-Impulse Magnetos (From 4000, 4100 to 4200 Series)"
S.B. 449*	Magneto, Slick Electro Bulletin No. 1-80, "Impulse Coupling Hubs" (A.D. #80-06-05)
S.B. 457A	Magneto, Slick Electro Bulletin No. 1-81, "Magneto Malfunction Due to Cracking of Coil Potting Compound"
S.B. 478A	Magneto, Slick Electro Bulletin No. 1-86, "Impulse Coupling Inspection"
S.L. L173C	Magneto, Slick Electro Bulletin No. SB2-80C, "Magneto Maintenance and Overhaul Schedules"
S.B. 468C	Magneto, Slick Electro Bulletin No. SB2-88A, "4200 Series Magneto Bearing Inspection"
S.L. L210	Magneto, Slick Electro Bulletin No. SB1-85, "Impulse Coupling Hub Assembly Replacement Program" NO LONGER ACTIVE TCM S.B. 631 APPLIES - CHANGES ANTI-SEIZE COMPOUND
S.I. 1357A	Magneto, Slick Electro Instructions No. 1-77, "Lag Angle Inspection" and No. 2-77, "Improved Performance"
S.I. 1189	Magneto, Slick Impulse Coupling, Malfunction
S.B. 603	Magneto, Slick 4200/6200 or 4300/6300 series Impulse and Direct Drive (Slick Service Bulletin SB1-12) (Reference Supplement No. 1 of S.B. 603).
S.B. 622	Magnetos, Slick, Champion Bulletin SB1-15
S.B. 576	Magneto, Teledyne Continental Ignition Systems Bulletin No. 633A, "Two-Wire Magneto Tachometer Breaker Contact (Points) Assembly Part Number 10-400507"
S.B. 528	Magneto, Teledyne Continental Ignition Systems Bulletin No. SB658, "Distributor Gear Maintenance"
S.I. 1444	Magneto, Teledyne Continental Motors Bulletin No. 630, "Revised Timing Procedures – IO-720"
S.B. 508	Magneto, Teledyne Continental Motors Bulletin No. 639, "Proper Installation of Impulse Couplings" NOT A SUPERSEDURE FOR TCM SB626 (S.I. 1433)
S.B. 515	Magneto, Teledyne Continental Motors Bulletin No. 643, "Maintenance Intervals for all TCM and Bendix Aircraft Magnetos and Related Equipment"
S.B. 517*	Magneto, Teledyne Continental Motors Critical Bulletin No. CSB-641, "Possible Open Condition of SC-20, -200, -1200 Mag. Capacitor" (Refer to Supplement No. 1 to S.B. 517) (A.D. #94-06-09)
S.B. 541	Magneto, Teledyne Continental Motors Critical Bulletin No. CSB662A, "TCM D-200 and D-3000 Series Magneto Capacitors, P/N's 10-382807, 10-382681, and 10-382681-1"
S.B. 425C*	Magneto, Teledyne Continental Motors Mandatory Bulletin No. MSB645, "Inspection of Riveted Impulse Coupling and Stop Pins" (A.D. #78-09-07)
S.L. L264A	Magneto-to-Engine Timing, Engine Start Problems Due to Drift in
S.B. 583A	Magneto, Unison Industries MANDATORY S.B. SB2-08, "Mandatory Inspections on all Slick 4300/6300 and LASAR™ 4700/6700 Magnetos"
S.B. 584B	Magnetos, Unison Industries MANDATORY S.B. SB3-08, "Mandatory Inspections on all Slick 4300/6300 and LASAR™ 4700/6700 Magnetos"
S.I. 1314	Magnetos (Bendix), Replacement of Slick Ignition Leads Furnished on
S.I. 1495	Magnetos, Impulse Coupling, Replacement of
S.I. 1506A	Magnetos, Impulse Coupling, Replacement on 4-Cylinder Engines
S.B. 516A	Magnetos, Inspection and Removal of TCM and Bendix S-20 and S-1200 Series Impulse Coupling
S.I. 1346A	Magnetos, Installation of Bendix S4LN-1208
S.B. 235A	Magnetos, Procedure for Inspection of Type SN-20 and SN-21 (Lightweight)

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1470	Magnetos, Replacement of Teledyne Continental Motors S-20 and S-200 with SC-20 and SC-200 (Short Cover)
S.I. 1133	Magnetos, S-700 Series, Timing Procedure
S.I. 1443Q	Approved Slick Magnetos on Lycoming Engines
S.B. 526	Magnetos, TCM (Bendix) D-2000 and D-3000 Impulse Dual, Replacement of Impulse Coupling Springs or Impulse Coupling Assembly
S.I. 1512	Main and Connecting Rod Bearing Upgrade (Also Reference Supplement No. 1 to S.I. 1512)
S.B. 313B	Maintenance and Inspection of Turbocharger
S.L. L270	Maintenance Intervals for Spark-Ignited Engines Operated on Unleaded Fuels, Extended
S.I. 1080C	Maintenance Items for Special Attention
S.B. 301B	Maintenance Procedures and Service Limitations for Valves
S.I. 1425A	Maintenance Procedures to Reduce Possibility of Valve Sticking
S.I. 1040A	Maintenance Procedures, Simmonds 530 Fuel Injection System
S.L. L114BF	Maintenance Publications, Engine and Accessory
S.I. 1363	Manifold Ball Joint and Retaining Strap, Exhaust
S.I. 1320	Manifold Components, Exhaust, Tightening Procedures
S.I. 1410	Manifold Pipe Improvement, Exhaust
S.I. 1337A	Manifold Pressure Relief Valve – TIGO-541
S.I. 1293	Manifold Pressure Relief Valve – TIO-541
S.I. 1257G	Manifold Pressure Horsepower and RPM Values
S.I. 1391	Manifold Tube Alignment, Exhaust
S.I. 1190	Manifold Tube Modification, Exhaust
S.I. 1489C	Manifold, Fuel, Spring Change
S.I. 1455	Manifold, Fuel Injection, Installation Kit P/N 05K21433
S.I. 1523G	Manufacturer's Cross-References, Carburetors
S.B. 521	Marmon Flange Joint, Inspection at Transition Inlet and Inspection of Exhaust System Slip Joints for Proper Engagement
S.L. L186	Marvel-Schebler Bulletin No. A1-76, "Carburetor Cleaning"
S.I. 1370	Marvel-Schebler Bulletin No. A1-78, "Carburetor Mixture Control Retainer"
S.B. 434*	Marvel-Schebler Bulletin No. A1-79, "Improve Sealing of Economizer Channel, HA-6 Carburetors" (A.D. #79-15-02)
S.I. 1373	Marvel-Schebler Bulletin No. A2-78, "Sealing Pump and Economizer Rods, Carburetor"
S.B. 436*	Marvel-Schebler Bulletin No. A2-79, "Possible Carburetor Contamination" (A.D. #79-08-06)
S.B. 310	Marvel-Schebler Bulletin No. A3-66, "Replacement of Venturi"
S.I. 1398A	Marvel-Schebler Carburetor Modification – O-540
S.I. 1421	Marvel-Schebler Carburetor Modification – TO-360
S.B. 352	Marvel-Schebler/Tillotson Bulletin No. 1-71, "Securing Cam Lever"
S.I. 1413	Marvel-Schebler/Tillotson Bulletin No. A1-81, "Model HA Carburetor Float Shaft and Bracket Wear"
S.B. 514	McCauley Bulletin No. 202A, "Replacement of Governor Flyweight Assy. And Pilot Spool End Fitting"
S.B. 480F	Metallic Solids Identification After Oil Servicing, and Associated Corrective Action, Oil Servicing,
S.L. L132	Military Aircraft Engines, Service Policy
S.I. 1026	Mixture Control Installation Procedure, Simmonds Model 580 Fuel Injector S.I. 1094D Mixture Leaning Procedures, Fuel
S.B. 484*	Modification, Inspection, Alignment and, of Crossover Exhaust Assembly (A.D. #89-12-04)
S.B. 545A	Modification, Kit Installation
S.I. 1264	Moisture Drains, Addition of Magneto Cover
S.I. 1157	Motors, Starter, Periodic Maintenance
S.B. 420	Mount Assy., Turbocharger
S.I. 1170	Mounting Bolt, Generator Replacement
S.I. 1248B	Mounting Bracket Attaching Bolts, Engine
S.I. 1380*	Mounting Bracket Attaching Nuts or Bolts (A.D. #79-10-03)
S.I. 1306A	Mounting Bracket Installation, Compressor
S.I. 1408C	Mounting Bracket Replacement, Engine
S.I. 1270A	Mounting Bracket Shims, Alternator

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1105B	Mounting Brackets, Generator/Alternator, Periodic Inspection
S.I. 1298	Mounting Dowel Removal, Engine
S.I. 1415	Mounting Hardware, New Turbocharger
S.I. 1364	Mounting Pad Surface Repair, Oil Pump
S.I. 1232	Mounting Plate Assembly Procedure, Compressor
S.B. 344	Mounting Plate Assembly Procedure, Compressor
S.I. 1173	Mounting Stud, Intake Pipe, Replacement
S.I. 1448	Muffler Covers (Heater), Installation of Tailpipes and (Refer to Supplement No. 2 to S.I. 1448)
S.B. 606	Nameplate Correction on IO-540-AE1A5 Engines
S.I. 1304J	Nameplate Replacement, Engine
S.B. 212B	Necked Studs, Replacing Straight Thru-Studs With
S.I. 1047B	Nitride Hardened Steel Cylinders, Inspection and Reconditioning Procedures
S.L. L246	Non Certified/Non-Airworthy Parts for Non-Aviation Applications
S.B. 601	Non-Compliant Oil Fill Tubes P/N 77527
S.B. 632B*	Non-Conforming Small End Bushings, Identification of Connecting Rods with
S.I. 1465	Non-Counterweighted Engine Models, Crankshaft Assemblies for
S.B. 510	Nozzle Assys., Fuel Injector, Recall, Precision Airmotive Bulletin No. PRS-101 (Refer to Supplement No. 1 to S.B. 510)
S.I. 1285F	Non-Destructive Testing of Lycoming Engine Parts
S.I. 1545	Nose, Crankcase Expanded Clearance
S.I. 1271A	Nozzle Replacement, Carburetor – O-235
S.I. 1395A	Nozzle Replacement, Carburetor – O-320-D2A
S.I. 1072	Nozzles, Fuel Injection, for Simmonds No. 530 Fuel Injection System
S.I. 1275C	Nozzles, Fuel Injector, Cleaning
S.I. 1231	Nozzles, Fuel Injector, Torque Requirement
S.I. 1210B*	Nut, Pinion Cage Attaching, Replacement (A.D. #69-25-08)
S.I. 1380*	Nuts or Bolts, Engine Mounting Bracket Attaching (A.D. #79-10-03)
S.B. 213A	Nuts, Cylinder Base Allen Head, Replacing Cylinder Base Spline Nuts with
S.I. 1509	Nuts, P/N STD-1409, Replacement of All with P/N STD-2249 Nuts
S.I. 1504	O-235 Engines, Cylinder Assembly Inspection/Replacement
S.I. 1388C*	O-235 Series Engines, Troubleshooting (Refer to Supplement No. 1 to S.I. 1388C) (A.D. #80-25-02)
S.B. 453D*	O-235 Series, Push Rods (A.D. #80-25-02)
S.L. L156	O-290-G Surplus Power Plant Engines (FAA Release No. 462)
S.L. L225	O-320, O-320-A1A, -A1B, -B1A and -B1B Engines, Parts Information
S.I. 1123D	O-Ring Seal, Installation of P/N STD-2013 at Doweled Thru Stud Location
S.L. L226	Oil Additive, P/N LW-16702 Discoloration
S.B. 471B	Oil Additive, Use of Textron Lycoming LW-16702
S.B. 446E*	Oil Additive, Use of Textron Lycoming LW-16702 (A.D. #80-04-03)
S.I. 1409C	Oil Additive, Use of Textron Lycoming LW-16702
S.L. L171	Oil Analysis, General Aspects of Spectrometric
S.I. 1427C	Oil Consumption Limits and Engine Break-In
S.I. 1462A	Oil Control, Propeller Leak Test Procedure
S.I. 1479A	Oil Cooled Exhaust Valve Guide Kit, TIO-540-AE2A
S.I. 1316A	Oil Cooler Bypass Valve Seat, Repair of
S.I. 1565A	Oil Cooler Bypass Valve, Thermostatic
S.I. 1423A	Oil Cooler Bypass Valve, Thermostatic, P/N 75944
S.I. 1255A	Oil Cooler Bypass Valve, Thermostatic, Replacement
S.I. 1008C	Oil Cooler Bypass, Thermostatic, Instructions for Installation
S.B. 534	Oil Drain Tank Inspection and Replacement, Turbocharger
S.I. 1399	Oil Drain Tube Replacement, Turbocharger
S.I. 1487	Oil, Drain Back Tube, Clearance
S.B. 377	Oil, Drain, Modification, and Turbocharger Check Valve
S.B. 601	Oil Fill Tubes P/N 77527, Non-Compliant
S.B. 307	Oil Filter AC Adapter Gasket Replacement of (A.D. 66-20-04)

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1169C	Oil Filter Assy., Inspection and Replacement
S.B. 370	Oil Filter Attaching Stud Replacement
S.B. 466	Oil Filter Base Adapter Inspection
S.I. 1442A	Oil Filter Bypass Valve, Improved
S.I. 1453B*	Oil Filter Converter Plate Gasket, Replacement (A.D. #2002-12-07)
S.B. 543C*	Oil Filter Converter Plate Gasket, Replacement (A.D. #2002-12-07) (Refer to Supplement No. 1 of S.B. 543C)
S.B. 337A	Oil Filter Housing and Bolt Modification
S.I. 1457A	Oil Filter Kit, Remote Mounted
S.B. 397	Oil Filter Seals, Full Flow – TIO & TIGO-541 Series
S.B. 545A	Oil Filter Tube Replacement
S.I. 1403	Oil Filters, Approved Spin-On, Champion Bulletin No. 75-4
S.I. 1109	Oil Filters, Procedures for Cleaning Simmonds Fuel Injector
S.I. 1397A	Oil From Breather Fitting, Overflow, Inverted Oil System
S.I. 1274B	Oil Hoses, Silicone Coated, Service Replacement
S.B. 389	Oil Inlet Check Valve Replacement, Turbocharger
S.I. 1290F	Oil Leakage Repair, Crankcase Thru-Stud Locations, Assembled and Unassembled Engines
S.B. 407A*	Oil Level Gage Assy's. (A.D. #77-07-07)
S.B. 633	Oil Level Gage, Gipps TIO-540-AH1A
S.I. 1379	Oil Level Gage Kit
S.I. 1288	Oil Level Gage, Modification of
S.B. 451	Oil Level Gage, Rework or Replacement
S.B. 612	Oil Level Gage Replacement
S.I. 1435	Oil Line, Propeller Governor, Nut and Elbow (Refer to Supplement No. 1 to S.I. 1435)
S.B. 318B	Oil, Lubricating, Limitations (Break-In)
S.I. 1014M	Oil, Lubricating, Recommendations
S.L. L203	Oil, Lubricating, Recommendations
S.B. 399A	Oil, Lubricating, Safe Quantity
S.B. 247	Oil Metering Plug Modification in Accessory Housing
S.B. 572	Oil Passage Hole, Missing at Idle Shaft Location
S.I. 1251	Oil Plug, Crankshaft Front, PC-111 & PC-112 Listing
S.I. 1172C	Oil Pressure Relief Valve Installation, Adj. And Valve Seat Repair or Replacement
S.I. 1300	Oil Pressure, Increased Turbocharger Inlet
S.I. 1472	Oil, Preservative, Removal from Engine
S.I. 1164B*	Oil Pump Application (A.D. #96-09-10) (S.L. 187) Reactivated with this revision
S.B. 555A	Oil Pump Body Plug Inspection
S.I. 1341*	Oil Pump Idler Shaft Lubrication (A.D. #96-09-10)
S.I. 1230B	Oil Pump Impellers
S.I. 1434	Oil Pump Impellers, Improved
S.B. 524*	Oil Pump Impellers, Replacement of Aluminum and Sintered Iron (Refer to Supplement No. 1 to S.B. 524) (A.D. #96-09-10)
S.B. 423*	Oil Pump Inspection and Impeller Replacement (A.D. #78-12-08)
S.I. 1364	Oil Pump Mounting Pad Surface Repair
S.I. 1273A	Oil Pump, Installation of Relief Valve
S.I. 1392	Oil Recommendations, Lubricating, and Cold Weather Operation
S.I. 1411	Oil Seal Application, Thru-Bolt Ring
S.I. 1111	Oil Seal Surface, Crankshaft, Recondition of Worn
S.I. 1221A	Oil Seal, Dry Air Pump Drive, Replacement
S.I. 1324C	Oil Seals, Crankshaft
S.B. 480F	Oil Servicing, Metallic Solids Identification After Oil Servicing, and Associated Corrective Action
S.I. 1313A	Oil Squirt Turbocharger Installation
S.B. 558	Oil Suction Screen, Inspection for Basting Voids
S.B. 345	Oil Suction Tube Assembly Modification
S.B. 579	Oil Sump Assembly and Oil Sump Baffle, Clearance Between

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1289A	Oil Sump and Related Parts Listing
S.I. 1279C	Oil Sump Baffle Replacement
S.B. 489A	Oil Sump, Baffle Assembly, P/N LW-13383,
S.I. 1570	Oil Sump Fitting Configuration for Aerobatic Inverted Oil System, Alternate
S.B. 258	Oil Sump Induction Modification to Eliminate Engine Roughness in Piper Aircraft
S.I. 1168B	Oil Sump, Repair of Intake Pipe Bores
S.I. 1369	Oil Support Port, Vacuum Pump Pad
S.L. L229B	Oil, Synthetic Lubricating, Use of Mobil AV 1, in Lycoming Reciprocating Aircraft Engines
S.I. 1321	Oil Transfer and Supply Tubes – Propeller
S.I. 1394	Oil Transfer Dowel, Modification to Retrofit Hollow, on Accessory Housing and Cover Assys.
S.B. 592	Overboost, Engine Inspection After
S.I. 1397A	Overflow Oil from Breather Fitting of Inverted Oil System
S.L. L161C	Overhaul Manual Revision Policy
S.L. L209A	Overhaul Manuals and Parts Catalogs, Utilization of Textron Lycoming Piston Engines
S.B. 240W	Overhaul, Normal, Parts Replacement, and During Repair or Normal Maintenance Mandatory
S.I. 1009BC*	Overhaul, Recommended Time Between (TBO)
S.B. 276	Overhaul, Replacement of Front Main Bearing
S.I. 1123D	Oversized Dowel, Installation of P/N 75302-P10 a Thru-Stud Location
S.B. 369R	Overspeed, Engine Inspection After
S.L. L267	Owner Registration via Lycoming Engines Website, Warranty and
S.B. 601	P/N 77527 Oil Fill Tubes, Non-Compliant
S.B. 556	P/N LW-11201 Washer, Replacement
S.I. 1509	P/N STD-1409 Nuts, Replacement of All with P/N STD-2249 Nuts
S.I. 1364	Pad Surface Repair, Oil Pump Mounting
S.L. L263	Paint on Cylinder, Discolored
S.B. 271A	Painting of Cylinder Flange Area
S.B. 544B	Part Identification, Bearing Replacement
S.L. L223	Part Number Code, New
S.L. L240A	Part Numbers, Identified by Lycoming with -70 and -85 Suffix
S.I. 1530	Particulate-Laden Environments, Engine Inspection
S.I. 1125D	Parting Surface Sealants, Alternate Crankcase
S.L. L209A	Parts Catalogs and Overhaul Manuals, Utilization of Textron Lycoming Piston Engines
S.L. L225	Parts Information, O-320, O-320-A1A, -A1B, -B1A, -B1B Engines
S.I. 1289A	Parts Listing – PC-206, Oil Sump and Related
S.I. 1032H	Parts Replacement and Dynamic Balance of Supercharger Impeller Assemblies
S.B. 240W	Parts Replacement, Mandatory, at Normal Overhaul and During Repair or Normal Maintenance
S.I. 1218A	Parts Substitution Chart, Camshaft with Integral Drive Gear
S.I. 1059E	Parts, Pre-Lubrication Before Assembly
S.I. 1122A	Parts, Turbocharger, Repair Procedures for
S.L. L239	Parts, Warranty Return, Preservation of
S.I. 1511A	“PID” Stamped Crankshafts, Inspection
S.I. 1340A	Pin Identification, Piston
S.I. 1267D	Pin Plug Usage, Piston
S.I. 1376	Pin Replacement, Starter Drive
S.L. L182	Pin, Piston, Finish
S.I. 1492D	Pin, Piston, Plug Wear Inspection
S.B. 501B*	Pin, Piston, P/N LW-14077, Recall of (A.D. #92-12-05)
S.B. 527C*	Pin, Piston, P/N LW-14077, Recall of (A.D. #97-15-11)
S.I. 1156A	Pinion Cage Assy. And Propeller Shaft Procedure
S.I. 1210B*	Pinion Cage Attaching Nut Replacement (A.D. #69-25-08)
S.I. 1236A	Pinion Cages, Reduction Gear, Repair Procedure for Worn (Refer to Supplement No. 1 to S.I. 1236A)
S.I. 1461	Pinion, Improved for Lightweight Starter P/N 31B21064 (24V) and P/N 31A21198 (12V)
S.I. 1355	Pipe Extensions and Clamps, Intake
S.I. 1410	Pipe Improvement, Exhaust Manifold

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 499C*	Pipe Kit, Exhaust (05K21503), One-Piece, Installation of (A.D. #91-21-01)
S.I. 1216	Pipe, Intake, and Seal Replacement
S.I. 1572	Piper installation of IO-360-B4A, Plug Replacement of Vapor Return Fitting on
S.L. L182	Piston Pin Finish
S.I. 1340	Piston Pin Identification
S.I. 1267D	Piston Pin Plug Usage
S.I. 1492D	Piston Pin Plug Wear Inspection
S.B. 367F*	Piston Pin, P/N 69650, Required Inspection (Refer to Supplement No. 1 to S.B. 367F) (A.D. #73-23-01)
S.B. 501B*	Piston Pin, P/N LW-14077, Recall of (A.D. #92-12-05)
S.B. 527C*	Piston Pin, P/N LW-14077, Recall of (A.D. #97-15-11)
S.L. L215	Piston Replacement Recommendation
S.I. 1558	Piston Ring Part Numbers, New
S.L. L262	Piston Ring Part Numbers, New
S.I. 1471	Piston Usage
S.B. 520	Piston, Incorrect Shipped with Cylinder Kits P/N 05K21108, P/N 05K21118 and P/N 05K21104
S.I. 1037U	Pistons, Approved for Use in Lycoming Aircraft Engines
S.I. 1076	Pitch Alignment, Bevel Gear Assy., Backlash and
S.I. 1232	Plate, Compressor Mounting, Assembly Procedure
S.I. 1296	Plate, Drive, and Crankshaft Attaching Parts
S.I. 1438A	Plate, Propeller Governor Pad, P/N LW-12347
S.I. 1228A	Plates, Cylinder Hold-Down, Modification of
S.I. 1180B	Plug, Crankshaft Front
S.I. 1251	Plug, Crankshaft Front Oil, PC-111 & PC-112 Listing
S.B. 555	Plug, Oil Pump Body, Inspection (Refer to Supplement No. 1 to S.B. 555)
S.I. 1267D	Plug, Piston Pin, Usage
S.I. 1492D	Plug, Piston Pin, Wear Inspection
S.I. 1572	Plug Replacement of Vapor Return Fitting on Piper installation of IO-360-B4A
S.I. 1424A	Plunger Assy./Hydraulic Tappet P/N 78290, Installation Procedure
S.B. 238	Plunger Assys., Magnetized Condition of Hydraulic Tappet
S.I. 1011N*	Plunger Assys., Table of Current (A.D. #62-03-02)
S.I. 1549	Plunger P/N 23D26777, Notification of Approved Fuel Pump
S.L. L132	Policy, Service, Regarding Lycoming Military Aircraft Engines
S.I. 1428	Power Setting, Richer, Carburetor Modification for – O/LO-360-A
S.I. 1059E	Pre-Lubrication of Parts Before Assembly
S.I. 1241C	Pre-Oiling Engines Prior to Initial Start
S.B. 498B	Precision Airmotive Corp. Bulletin No. MSA-2, Rev. 2, Carburetor, “One Piece Primary and Main Venturi”
S.B. 510	Precision Airmotive Corp. Bulletin No. PRS-101, “Recall of Fuel Injector Nozzle Assys.” (Refer to Supplement No. 1 to S.B. 510)
S.I. 1445	Precision Airmotive Corp. Bulletin No. PRS-91, Fuel Injector, “Timing of the Power Enrichment Valve Opening”
S.B. 485*	Precision Airmotive Corp. Bulletin No. PRS-92, Fuel Injector, “Fuel Injector Contamination” (A.D. #89-13-02)
S.B. 532	Precision Airmotive Corp. Bulletin No. PRS-103, Fuel Injector, “Fuel Diaphragm Assembly, P/N 2541803” (Refer to Supplement No. 2 to S.B. 532)
S.B. 557	Precision Airmotive Corp. Bulletin No. PRS-105, Fuel Injector, “Servo Metered Fuel Pressure Port Leakage”
S.B. 581A*	Precision Airmotive Corp. Bulletin Nos. PRS-107, Rev. 1 and PEX-1, “Hex Plug 383493 Coming Loose from Regulator Cover” (A.D. #2009-02-03)
S.B. 582A	Precision Airmotive Corp. MANDATORY S.B. MSA-13, “Replacement of Carburetor Floats with New Foam Floats” (Refer to Supplement No. 1 of S.B. 582A)
S.I. 1521	Precision Airmotive Service Information Letter No. SIL RS-35 Revision 1, “Alternate Flow Bench Test Fluid – MIL-PRF-7024 Type II”

**Alphabetical Listing of Lycoming  
Service Bulletins, Letters, and Instructions**

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1494	Precision Airmotive Service Information Letter No. SIL RS-45, Fuel Injector, "Rework Instructions for RSA-5AD1 Fuel Injection Servo Installed on Slingsby T-3A Aircraft"
S.I. 1522	Precision Airmotive Service Information Letter No. SIL RS-62 Revision 2, "Overhaul Kits for RS-5 and RSA- 10 Fuel Injection Servos"
S.I. 1518	Precision Airmotive Corp. Service Information Letter No. SIL RS-84, "Flow Divider Cold Weather Operation"
S.I. 1519A	Precision Airmotive Corp. Service Information Letter No. SIL RS-87, "New Regulator Plug Gasket and Increased Torque for All RSA-5 and RSA-10 Fuel Injection Servos"
S.I. 1520	Precision Airmotive Corp. Service Information Letter No. SIL-RS-88
S.I. 1525	Precision Airmotive Corp. Service Information Letter No. SIL RS-92
S.L. L221C	Precision Fuel Control Components, Warranty Repair of
S.L. L239	Preservation of Warranty Return Parts
S.I. 1481B	Preservation, Engine, Factory
S.L. L180B	Preservation Engine, for Active and Stored Aircraft
S.I. 1472	Preservative Oil, Removal from Engine
S.I. 1474	Pressure Controller, Differential, Improved for TIO-540-AF1A Engine Model
S.I. 1308E	Pressurized Magneto Pressure Test (Refer to Supplement No. 1 to S.I. 1308E)
S.B. 573	Pressurized Magneto Pressure Tests (Refer to Supplement No. 1 to S.B. 573)
S.I. 1237A	Prestolite Bulletins No. ASM-3 and ASM-4, "Aircraft Charging System Service Precautions"
S.I. 1253	Prestolite Bulletin No. ASM-5, "Fuel Terminal Stud Insulation Replacement"
S.L. L189	Prestolite Bulletin No. ASM-11, "Bench Testing Solid State Regulators"
S.I. 1389	Prestolite Bulletin No. ASM-12, "Addition of Loctite Grade A to Starting Motors"
S.I. 1301B	Primer and Fuel Injector Lines, Identification
S.B. 533C*	Propeller/Rotor Blade or Tip Loss, Propeller/Rotor Strike, Recommendations Regarding (A.D. #2004-10-14)
S.I. 1312	Propeller Drive Thrust Bearing Replacement (Crankcase P/N LW-13082)
S.I. 1098P	Propeller Flange Bushing Location
S.I. 1452	Propeller Flange Bushings, Reindexing (O-360-C1G))
S.I. 1344	Propeller Flange Dowel Hole Repair
S.I. 1560	Propeller Governor Drive Set Screw Inspection
S.I. 1343C*	Propeller Governor Idler Shaft, Set Screws for (A.D. #2015-02-07)
S.B. 488A*	Propeller Governor Line Support (Refer to Supplement No. 1 to S.B. 488A) (A.D. #90-04-06)
S.I. 1435	Propeller Governor Oil Line Nut and Elbow
S.I. 1438A	Propeller Governor Pad Plate P/N LW-12347
S.I. 1462A	Propeller Oil Control Leak Test Procedure
S.I. 1321	Propeller Oil Transfer and Supply Lines
S.I. 1156A	Propeller Shaft and Pinion Cage Assembly Procedure
S.I. 1250	Propeller Shaft Bearing Lubrication
S.I. 1108C	Propeller Shaft Bearing Surfaces, Repair (Refer to Supplement No. 1 to S.I. 1108C)
S.L. L235A	Propeller, Hartzell, Compact Aluminum Hub, Installation on Comanche 250 Aircraft
S.I. 1227	Propeller, Hartzell Letter No. 17, "Oil Leakage"
S.B. 514	Propeller, McCauley Bulletins No. 202A, "Replacement of Government Flyweight Assy. And Pilot Spool End Fitting"
S.L. L114BF	Publications, Engine and Accessory Maintenance
S.L. L271	Publications, How to Access Lycoming Digital Technical
S.L. L161C	Publications, Overhaul Manual Revision Policy
S.L. L195	Puller, Seal, ST-172, Revision of
S.I. 1283A	Pulley and Belt, Alternator Cog, Installation
S.I. 1249	Pulley, Alternator, and Shaft Assy.
S.I. 1212	Pump, Accelerator, Marvel-Schebler Carburetor with – O-235-C Series
S.I. 1221A	Pump Drive (Dry Air) Oil Seal Replacement
S.I. 1338	Pump Drive Shaft Modification, Hydraulic
S.B. 374	Pump, Fuel Inlet, Inspection
S.B. 421*	Pump, Fuel Line Between Fuel Injector and Fuel (A.D. #78-23-08)



## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.L. L218	Pump, Fuel, Adapters
S.B. 525A*	Pump, Fuel, Inspection of High Pressure, P/N LW-15473 (A.D. #96-23-03)
S.B. 406A	Pump, Fuel, Inspection, Titan
S.B. 548A	Pump, Fuel, Inspection/Replacement of Diaphragm Type
S.B. 565	Pump, Fuel, Inspection/Replacement of Diaphragm Type
S.B. 608	Pump, Fuel Replacement Hartzell Engine Technologies (Refer to Supplement No. 1 to S.B. 608)
S.B. 624	Pump, Fuel, Valve Housing Cap Screw Replacement, Reprint of Hartzell SB-065
S.I. 1341*	Pump Idler Shaft Lubrication, Oil (A.D. #96-09-10)
S.I. 1309	Pump, Lear Siegler Fuel, Modification
S.I. 1364	Pump Mounting Pad Surface Repair, Oil
S.I. 1164B*	Pump, Oil, Application (A.D. #96-09-10) (S.L. 187) Reactivated with this Revision.
S.B. 555A	Pump, Oil, Body Plug Inspection
S.I. 1230B	Pump, Oil, Impellers
S.I. 1434	Pump, Oil, Impellers, Improved
S.B. 494*	Pump Vent Fittings, Fuel, Restricted, Installation of (A.D. #91-08-07)
S.B. 487*	Pump, Vent, Fuel, Restriction (A.D. #89-15-10)
S.I. 1152A	Punch Marks on Crankshaft Counterweight Lobes
S.I. 1060T	Push Rod Identification
S.B. 522*	Push Rod P/N 73806, Inspection and Replacement (A.D. #95-03-10)
S.I. 1480	Push Rods, Installation of Steel
S.B. 453D*	Push Rods, O-235 Series (A.D. #80-25-02)
S.B. 408	Rajay Industries S.L. 21A, "Inspection of Turbine (Exhaust) Housings"
S.B. 599	Recall 201F fuel Pump, and Inspection Hartzell Engine Technologies Service bulletin No. 045
S.B. 501B*	Recall of Piston Pin P/N LW-14077 (A.D. #92-12-05)
S.B. 527C*	Recall of Piston Pin P/N LW-14077 (A.D. #97-15-11)
S.L. L114BF	Reciprocating Engine and Accessory Maintenance Publications
S.I. 1498B	Recommended Engine Procedures for Purging Vapor During Ground Run
S.I. 1009BC*	Recommended Time Between Overhaul (TBO)
S.L. L214A	Reconditioned Camshaft Exchange Program (Notice of Discontinuance of Program)
S.L. L150T	Reconditioned Simmonds Fuel Injectors
S.I. 1047B	Reconditioning Procedures for Nitride Hardened Steel Cylinders
S.B. 319B*	Reduction Gear Assembly Inspection (A.D. #69-25-08)
S.I. 1159	Reduction Gear Housing Interference, Crankcase Modification to Prevent
S.I. 1236A	Reduction Gear Pinion Cages, Repair Procedure for Worn (Refer to Supplement No. 1 to S.I. 1236A)
S.L. L267	Registration via Lycoming Engines Website, Warranty and Owner
S.I. 1446*	Regulator Diaphragm, Possible Ruptured, in AN Fuel Pump (A.D. #91-08-07)
S.I. 1154V	Regulators, FAA Approved
S.L. L272A	Release of New Silicone Rocker Cover Gaskets
S.I. 1172C	Relief Valve Installation, Adjustable Oil Pressure, and Valve Seat Repair or Replacement
S.I. 1273A	Relief Valve, Installation in Oil Pump
S.I. 1337A	Relief Valve, Manifold Pressure – TIGO-541
S.I. 1293	Relief Valve, Manifold Pressure – TIO-541
S.I. 1457A	Remote Mount Oil Filter Kit, Optional
S.I. 1535	Removal, Inspection, and Installation, Counterweight and Roller (Refer to Supplement. No. 1 to S.I. 1535)
S.I. 1546	Removal, and Installation of Electrical Lead on Hartzell Engine Technologies, LLC Starters, Specific Requirements for
S.B. 222D	Renitriding Recommendations, Crankshaft
S.L. L221C	Repair, Warranty, of Precision Fuel Metering Components
S.L. L222	Repair, Warranty, of Teledyne Continental Motors Ignition Components
S.B. 307	Replacement of AC Oil Filter Adapter Gasket (A.D. 66-20-04)
S.I. 1509	Replacement of All P/N STD-1409 Nuts with P/N STD-2249 Nuts
S.I. 1535	Replacement of Counterweight Bushing, Inspection and Removal (Refer to Supplement. No. 1 to S.I. 1535)
S.B. 308B	Replacement of Crankshaft Idler Gear Shafts. (A.D. 66-14-03)

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 608	Replacement of Hartzell Engine Technologies Fuel Pump Assemblies
S.B. 556	Replacement of Washer P/N LW-11201
S.B. 311	Retainers (Cushion), Inspection and Replacement
S.I. 1227A	Retaining Components, Shroud Tube
S.B. 554*	Retaining Bolt Replacement, Crankshaft Gear (Refer to Supplement No. 3, No. 4, and No. 5 to S.B. 554) (A.D. #2004-05-24)
S.I. 1284A	Retaining Spring Replacement, Shroud Tube
S.I. 1363	Retaining Strap and Ball Joint, Exhaust Manifold
S.B. 477A*	Rework and Inspection of P/N LW-18790 Rocker Arm Assy. (Refer to Supplement No. 1 to S.B. 477A) (A.D. #87-10-06)
S.I. 1428	Richer Power Setting, Carburetor Modifications for – O/LO-360
S.L. L233	Ring Gear, Support Assys., Better Identification of Reverse Rotation
S.I. 1121	Ring Gears, Identification
S.I. 1141A	Ring Gears, Starter, Replacement of Worn
S.I. 1411	Ring, Thru-Bolt, Oil Seal Application
S.I. 1558	Ring, Piston, New Part Numbers
S.L. L262	Ring, Piston, New Part Numbers
S.I. 1037U	Rings, Approved for Use in Lycoming Aircraft Engines
S.B. 477A*	Rocker Arm Assy., Inspection and Rework of P/N LW-18790 (Refer to Supplement No. 1 to S.B. 477A) (A.D. #87-10-06)
S.I. 1454A	Rocker Arm Assembly Replacement Part (Refer to Supplement No. 1 to S.I. 1454A)
S.B. 412B*	Rocker Arm Retaining Stud, Intake and Exhaust Valve (A.D. #77-20-07)
S.I. 1268C	Rocker Assy., Exhaust Valve
S.I. 1468A	Rocker Assy., Exhaust Valve
S.L. L272A	Rocker Cover Gaskets, Release of New Silicone
S.I. 1366A	Rocker Shaft Bearing Hole, Repair Procedure for Worn
S.I. 1176	Rocker Shaft Repair, Valve
S.B. 225B	Rocker Thrust Washers, Valve, Replacement
S.I. 1182A	Rockers, High Lift Valve, for Improved Performance (S.L. 187) Reactivated with this Revision.
S.I. 1307B	Rod Bolt Assembly, Connecting, and Torque Application
S.I. 1458G	Rod Bolts, Connecting (Identification and Installation)
S.I. 1359	Rod Cap Modification, Connecting
S.B. 418	Rod End Replacement, Waste Gate Control Cable
S.I. 1060T	Rod Identification, Push
S.I. 1466	Rod, Connecting Assemblies
S.I. 1467	Rod, Connecting Assemblies
S.B. 547*	Rod, Connecting, Bearing Replacement on TIO-540-AE2A Model Engines (Refer to Supplement No. 1 to S.B. 547)
S.B. 561*	Rod, Connecting, Bearing Replacement on (L)TIO-540-U2A, -V2AD and –W2A Engines
S.I. 1323A	Rod, Connecting, with High-Tensile Strength Bolts
S.I. 1469	Rod, Connecting, with High-Tensile Strength Bolts
S.B. 522*	Rods, Push, P/N 73806, Inspection and Replacement (A.D. #95-03-10)
S.B. 439A	Rods, Connecting, Inspection for Fretting and/or Galling, Repair of Fretting
S.I. 1138B	Rods, Connecting, Replacement of IO-720 Engines
S.B. 351B*	Rods, Heavy Connecting for High Speed Geared Drive Engines (A.D. #74-13-05)
S.B. 303F	Rods, Heavy Connecting for High Speed Helicopter Engines (A.D. 73-05-01)
S.I. 1480	Rods, Push, Installation of Steel
S.B. 453D*	Rods, Push, O-235 Series (A.D. #80-25-02)
S.I. 1075A	Rods, Push, Procedure for Removing from Top Exhaust Cylinders
S.I. 1535	Roller and Counterweight Removal, Inspection, and Installation (Refer to Supplement. No. 1 to S.I. 1535)
S.I. 1500	Roller Change, Counterweight for Robinson Helicopter
S.I. 1514D	Roller Tappets, Part Information Update
S.I. 1012K	Rollers and Counterweights on Engine Models
S.I. 1302A	Rotator Intake Valve with Small Diameter Head

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1280C	Rotator Type Intake Valves
S.I. 1449	Rotomaster Turbocharger (46A21184), Installation of
S.B. 533C*	Rotor/Propeller Blade or Tip Loss, Rotor/Propeller Strike, Recommendations Regarding (A.D. #2004-10-14)
S.I. 1257G	RPM Values, Horsepower and Manifold Pressure
S.I. 1566	Safety Cable, Lycoming Engines Approves the use of
S.I. 1140	Salvage Repair of Magneto Bearing Recess in Crankcase
S.I. 1120	Scintilla Bulletin No. 502, S-700 Series Magnetos, "Internal Timing"
S.I. 1126	Scintilla Bulletin No. 503, "Lubrication of Tapered Drive Shaft on S Series Magnetos"
S.I. 1139	Scintilla Bulletin No. 510 and 511, "Distributor Gears S-600 Series; Replaceable Electrodes S-700 Series"
S.I. 1186	Screen, Filter, Removal from Fuel Injector Nozzle
S.B. 558	Screen, Oil Suction, Inspection for Casting Voids
S.B. 564A	Screen, Suction, Inspection of Length
S.B. 366C	Screw, Carburetor Throttle Body, Inspection
S.B. 330B*	Screw, Retighten and Lockwire Carburetor Throttle Arm (A.D. #72-06-05)
S.L. L196	Screwdriver Blade, ST-418-3, Revision to
S.I. 1216	Seal and Intake Pipe Replacement
S.L. L195	Seal Puller, ST-172, Revision to
S.I. 1111	Seal Surface, Crankshaft Oil, Recondition of Worn
S.I. 1347	Seal Surface, Shroud Tube, Repair of
S.I. 1368	Seal Washer and Retainer, Tachometer Adapter
S.B. 354	Seal, Leakage at Propeller Shaft
S.B. 375A	Seal, Moisture, Cross Shaft Support Tube
S.I. 1459	Sealant, Application to Bolt Threads
S.I. 1125D	Sealants, Alternate Crankcase Parting Surface
S.I. 1324C	Seals, Crankshaft Oil
S.B. 397	Seals, Full Flow Oil Filter
S.I. 1329A	Seals, Supercharger Inlet Adapter
S.I. 1092A	Seat Replacement, Valve, Tools and Procedures
S.I. 1316A	Seat, Oil Cooler Bypass Valve, Repair of
S.B. 540	Seat, Valve, Inspection
S.I. 1262A	Seats, Venturi, and Small Head Intake Valves
S.B. 634	Serviceable Life, Cylinder and Head Assembly
S.L. 273	Service Bulletin No. 632 Customer Care Program
S.B. 301B	Service Limitations and Maintenance Procedures for Valves
S.L. L132	Service Policy Regarding Lycoming Military Aircraft Engines
S.I. 1345	Service Replacement Crankcases for Narrow Cylinder Flange Four Cylinder Engines
S.I. 1256F	Service Use, Alternate Valve guides for
S.I. 1079B	Servo Fuel Line Filters, Periodic Maintenance
S.I. 1484C	Servo Unit Hold Down Nuts, Carburetor or Fuel Injector, Installation Torque for Fuel Metering Device
S.I. 1560	Set Screw Inspection, Propeller Governor Drive
S.I. 1343C*	Set Screw for Propeller Governor Idler Shaft (A.D. #2015-02-07)
S.I. 1249	Shaft Assy. And Alternator Pulley
S.I. 1108C	Shaft Bearing Surfaces, Propeller, Repair (Refer to Supplement No. 1 to S.I. 1108C)
S.I. 1250	Shaft Bearing Propeller, Lubrication
S.I. 1208	Shaft Bore Bushings, Magneto, Installation of
S.I. 1366A	Shaft Bushing Hole, Rocker, Repair Procedure for Worn
S.I. 1341*	Shaft Lubrication, Oil Pump Idler (A.D. #96-09-10)
S.I. 1338	Shaft Modification, Hydraulic Pump Drive
S.I. 1197A	Shaft Recesses, Idler Gear, Repair
S.I. 1161	Shaft, Carburetor Throttle, Modification to Prevent Leakage
S.B. 375A	Shaft, Cross, Support Tube Moisture Seal
S.I. 1503	Shaft, Dowel and Accessory Drive Gear Replacement
S.I. 1351	Shaft, Drive, and Drive Gear, Accessory

**Alphabetical Listing of Lycoming  
Service Bulletins, Letters, and Instructions**

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1084A	Shaft, Intermediate Supercharger Drive, and Components
S.B. 354	Shaft, Leakage at Propeller Seal
S.I. 1343C*	Shaft, Propeller Governor Idler, Set Screw for (A.D. #2015-02-07)
S.I. 1156A	Shaft, Propeller, and Pinion Cage Assembly Procedure
S.I. 1176	Shaft, Repair, Valve Rocker
S.I. 1265A	Shaft, Serrated Throttle, and Lever
S.I. 1310A	Shafts, Idler, Lockwire for
S.L. L247J	Shelf Life Requirements
S.I. 1270A	Shims, Alternator Mounting Bracket
S.I. 1277A	Shroud Tube Retaining Components
S.I. 1284A	Shroud Tube Retaining Spring Replacement
S.B. 519	Shroud Tube Retaining Springs, Removal of LW-14995 Before Further Flight
S.I. 1347	Shroud Tube Seal Surface, Repair of
S.I. 1215	Shroud Tubes, Correct Installation for Up-Exhaust Engines
S.L. L272A	Silicone Rocker Cover Gaskets, Release of New
S.I. 1072	Simmonds Fuel Injection System No. 530, Fuel Injection Nozzles
S.I. 1040A	Simmonds Fuel Injection System No. 530, Maintenance Procedures
S.I. 1062	Simmonds Fuel Injection System No. 570, Maintenance Procedures – Fuel Vent Return “T” Fitting
S.I. 1069A	Simmonds Fuel Injection System No. 580, Procedure for Inspection & Adjustment to Regulate Fuel Flow
S.I. 1026	Simmonds Model No. 580 Fuel Injector Mixture Control Installation Procedure
S.I. 1407	Simmonds Precision Bulletin No. V-1164, “Periodic Inspection & Overhaul of Injection Pumps”
S.B. 524*	Sintered Iron and Aluminum Oil Pump Impellers, Replacement (Refer to Supplement No. 1 to S.B. 524) (A.D. #96-09-10)
S.B. 577A	Sky-TecS.B. 07-01, Rev. C, “Sky-Tec PM Model Starter Replacement”
S.B. 571	Sky-TecS.B. 2006-3-1, “Replacement of Specified Sky-Tec Starters – Model 31B22101/149-24PM”
S.B. 331	Sleeve, Inspection & Removal in Fuel Injector Lines (Rubber)
S.B. 178A	Sleeve, Reduction Gear Housing, Repair of Worn
S.B. 568	Slick Aircraft Products Bulletin No. SB1-88, “Periodic Inspection of Slick Models 6320, 6324, 6360, 6361, 6363 and 6365 Pressurized Magnetos”
S.B. 537*	Slick Aircraft Products Bulletin No. SB1-98, “Mandatory Impulse Coupling Inspection of Certain 6 Cylinder Textron Lycoming Engines” (A.D. #99-04-04)
S.B. 432*	Slick Electro Bulletin No. 1-78, “Magneto/Condenser Replacement” (A.D. #78-25-01)
S.I. 1385	Slick Electro Bulletin No. 1-79, “Grounding for Non-Impulse Magnetos” (From 4000, 4100 to 4200 Series)
S.B. 449*	Slick Electro Bulletin No. 1-80, “Impulse Coupling Hubs” (A.D. #80-06-05)
S.B. 457A	Slick Electro Bulletin No. 1-81, “Magneto Malfunction Due to Cracking of Coil Potting Compound”
S.B. 478A	Slick Electro Bulletin No. 1-86, “Impulse Coupling Inspection”
S.L. L173C	Slick Electro Bulletin No. SB2-80C, “Magneto Maintenance & Overhaul Schedules”
S.L. L210	Slick Electro Bulletin No. SB1-85, “Impulse Coupling Hub Assembly Replacement Program”
S.B. 468C	Slick Electro Bulletin No. SB2-88A, “4200 Series Magneto Bearing Installation”
S.I. 1357A	Slick Electro Instructions No. 1-77, “Lag Angle Inspection” and No. 2-77, “Improved Performance”
S.L. L177A	Slick Electro Magneto Replacement Policy
S.I. 1189	Slick Impulse Coupling Magneto, Installation
S.I. 1443Q	Slick Magnetos, Approved on Lycoming Engines
S.B. 603	Slick Magnetos, Reprint of Slick Service Bulletin SB1-12 (point assemblies) (also refer to Supplement No. 1 of S.B. 603).
S.B. 622	Slick Magnetos, Champion Bulletin SB1-15
S.B. 393C	Slip Joint Modification, Exhaust
S.B. 479	Slip Joint Modification, Exhaust, and Inspection of P/N 77429 Right Intermediate Exhaust Pipe
S.B. 521	Slip Joints, Exhaust System, Inspection for Proper Engagement and Inspection of Marmon Flange Joint at Transition Inlet
S.I. 1167	Sludge Tube Assembly and Test
S.I. 1113A	Sludge Tubes, Crankshaft Assy., Revised to Eliminate
S.B. 405	Spacer, Turbo Strut

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 359	Spark Plug Change
S.L. L192B	Spark Plug Fouling
S.I. 1043A	Spark Plug, Heli-Coil Insert Replacement
S.I. 1042AF	Spark Plugs, Approved
S.L. L245	Special Service Publication No. SSP-567, "Camshaft Regrinding"
S.I. 1546	Specific Requirements for Installation and Removal of Electrical Lead on Hartzell Engine Technologies, LLC Starters
S.I. 1070Z	Specified Fuels
S.L. L171	Spectrometric Oil Analysis, General Aspects of
S.I. 1145	Spline Drive, Modification to Incorporate Large into Accessory Drive Shaft
S.B. 507	Spotfaces, Missing on P/N 74218 Cylinder Head Assembly
S.I. 1192A	Spring Compressor No. ST-266 Valve
S.I. B1489C	Spring Change, Fuel Manifold
S.I. 1284A	Spring Replacement, Shroud Tube Retaining
S.I. 1381	Spring Seat, Upper Exhaust Valve, and Hydraulic Lifter, Replacement
S.B. 447B*	Spring Seat, Upper Exhaust Valve, Inspection (A.D. #80-14-07)
S.B. 435*	Spring Seat, Upper Exhaust, Replacement of Hydraulic Lifter and (Refer to No. 2 to S.B. 435) (A.D. #80-04-03)
S.I. 1240C	Spring, Valve, Replacement
S.I. 1383	Starter Conversion
S.I. 1239	Starter Drive Assembly Replacement
S.I. 1242A	Starter Drive Gear, Thrust Washers for
S.I. 1278	Starter Drive Lubrication
S.I. 1287	Starter Drive Modification: Cold Weather Starting
S.I. 1378	Starter Drive Pin Replacement
S.I. 1546	Starters, Electrical Lead on Hartzell Engine Technologies, Specific Requirements for Installation and Removal
S.I. 1224	Starter Modification, VO-435-B1A
S.I. 1157	Starter Motors, Periodic Maintenance
S.I. 1528	Starter Recommendations, Aircraft Engine
S.B. 486	Starter Ring Gear Support Assemblies, Inspection of Single Belt Driven
S.I. 1141A	Starter Ring Gears, Replacement of Worn
S.I. 1451A	Starter, Alternator and Compressor Installation
S.I. 1513	Starter, Lamar Service Information Letter No. LSI-009, "Lamar Starter, P/N 2401 (Lycoming P/N 31B22207) Installed on Cessna 172 and 182 Aircraft"
S.I. 1461	Starter, Lightweight, Improved Pinion for P/N 31B21064 (24V) and P/N 31A21198 (12V)
S.I. 1447B	Starter, Lightweight, Installation Instructions
S.B. 577A	Starter, Sky-Tec S.B. 07-01, Rev. C, "Sky-Tec PM Model Starter Replacement"
S.B. 571	Starter, Sky-Tec S.B. 2006-3-1, "Replacement of Specified Sky-Tec Starters – Model 31B22101/149-24PM"
S.I. 1154V	Starters, FAA Approved
S.I. 1121	Starters, Identification
S.I. 1025	Starters, Recommended Torque Setting
S.I. 1389	Starting Motors, Prestolite Bulletin No. ASM-12, "Addition of Loctite Grade A"
S.I. 1505	Starting, Cold Weather
S.I. 1362	Starting, Hard
S.I. 1480	Steel Push Rods, Installation
S.I. 1425A	Sticking Valve, Maintenance Procedure to Reduce Possibility of
S.I. 1266	Strap, Alternator Ground – All Engines with Prestolite
S.I. 1315A	Strut Bracket and Clamp Installation, Turbocharger
S.I. 1173	Stud, Intake Pipe Mounting, Replacement
S.B. 370	Stud, Oil Filter Attaching, Replacement
S.B. 412B*	Stud, Retaining, Intake and Exhaust Valve Rocker Arm (A.D. #77-20-07)
S.B. 574A	Stud Hole, Cylinder, Cross-Threaded

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1196	Studs, Reduction Gear Attaching, Replacement
S.I. 1279C	Sump Baffle Replacement, Oil
S.I. 1289A	Sump, Oil and Related Parts Listing – PC-206
S.I. 1168B	Sump, Oil, Repair of Intake Pipe Bores
S.I. 1295	Supercharger Adapter Bearing, Oversize
S.I. 1084A	Supercharger Drive Shaft, Intermediate, and Components
S.I. 1032H	Supercharger Impeller Assys., Parts Replacement and Dynamic Balance
S.I. 1329A	Supercharger Inlet Adapter Seals
S.B. 342G-1*	Supplement No. 1 to S.B. 342G (A.D. #2015-19-07)
S.B. 342G-2*	Supplement No. 2 to S.B. 342G (A.D. #2015-19-07)
S.B. 342G-3*	Supplement No. 3 to S.B. 342G (A.D. #2015-19-07)
S.B. 342G-4*	Supplement No. 4 to S.B. 342G (A.D. #2015-19-07) Superseded and replaced by Supplement No. 7
S.B. 342G-5*	Supplement No. 5 to S.B. 342G (A.D. #2015-19-07) Superseded and replaced by Supplement No. 6
S.B. 342G-6*	Supplement No. 6 to S.B. 342G (A.D. #2015-19-07)
S.B. 342G-7*	Supplement No. 7 to S.B. 342G (A.D. #2015-19-07)
S.B. 367F-1*	Supplement No. 1 to S.B. 367F (A.D. #73-23-01)
S.B. 373-1	Supplement No. 1 to S.B. 373
S.B. 391A-1	Supplement No. 1 to S.B. 391A
S.B. 392B-2	Supplement No. 2 to S.B. 392B
S.B. 428-1*	Supplement No. 1 to S.B. 428 (A.D. #78-23-10)
S.B. 430-1*	Supplement No. 1 to S.B. 430 (A.D. #78-23-01)
S.B. 435-2*	Supplement No. 2 to S.B. 435 (A.D. #80-04-03)
S.B. 442-1*	Supplement No. 1 to S.B. 442 (A.D. #'s 79-21-08 & 79-26-03)
S.B. 467-1*	Supplement No. 1 to S.B. 467 (A.D. #83-22-04)
S.B. 467-2*	Supplement No. 2 to S.B. 467 (A.D. #83-22-04)
S.B. 475C-1	Supplement No. 1 to S.B. 475C (A.D. #2004-10-14)
S.B. 477A-1	Supplement No. 1 to S.B. 477A (A.D. #87-10-06)
S.B. 488A-1*	Supplement No. 1 to S.B. 488A (A.D. #90-04-06)
S.B. 510-1	Supplement No. 1 to S.B. 510
S.B. 517-1*	Supplement No. 1 to S.B. 517 (A.D. #94-06-09)
S.B. 524-1*	Supplement No. 1 to S.B. 524 (A.D. #96-09-10)
S.B. 530B-1	Supplement No. 1 to S.B. 530B
S.B. 532-2	Supplement No. 2 to S.B. 532
S.B. 543C-1*	Supplement No. 1 to S.B. 543 (A.D. #2000-12-07)
S.B. 547-1*	Supplement No. 1 to S.B. 547 (A.D. #2006-10-21)
S.B. 549-1	Supplement No. 1 to S.B. 549
S.B. 552-1*	Supplement No. 1 to S.B. 552 (A.D. #2002-19-03)
S.B. 553-1*	Supplement No. 1 to S.B. 553 (A.D. #2002-19-03)
S.B. 554-3*	Supplement No. 3 to S.B. 554 (A.D. #2004-05-24)
S.B. 554-4*	Supplement No. 4 to S.B. 554 (A.D. #2004-05-24)
S.B. 554-5*	Supplement No. 5 to S.B. 554 (A.D. #2004-05-24)
S.B. 566-1*	Supplement No. 1 to S.B. 566 (A.D. #2006-06-16)
S.B. 569A-1*	Supplement No. 1 to S.B. 569A (A.D. #2012-19-01)
S.B. 573-1	Supplement No. 1 to S.B. 573
S.B. 582A-1	Supplement No. 1 to S.B. 582A
S.B. 603-1	Supplement No. 1 to S.B. 603
S.I. 1012K	Counterweights and Rollers on Engine Models
S.I. 1029D-1	Supplement No. 1 to S.I. 1029D
S.I. 1068A-1*	Supplement No. 1 to S.I. 1068A (A.D. #80-25-02)
S.I. 1108C-1	Supplement No. 1 to S.I. 1108C
S.I. 1112E-1*	Supplement No. 1 to S.I. 1112E (A.D. #'s 71-05-02, 72-21-06, and 66-06-03)
S.I. 1136A-1	Supplement No. 1 to S.I. 1136A
S.I. 1236A-1	Supplement No. 1 to S.I. 1236A
S.I. 1285D-1	Supplement No. 1 to S.I. 1285D

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1308E-1	Supplement No. 1 to S.I. 1308E
S.I. 1316A-1	Supplement No. 1 to S.I. 1316A
S.I. 1377-1	Supplement No. 1 to S.I. 1377
S.I. 1388C-1*	Supplement No. 1 to S.I. 1388C (A.D. #80-25-02)
S.I. 1435-1	Supplement No. 1 to S.I. 1435
S.I. 1439-1	Supplement No. 1 to S.I. 1439
S.I. 1454A-1	Supplement No. 1 to S.I. 1454A
S.I. 1512-1	Supplement No. 1 to S.I. 1512
S.I. 1535-1	Supplement No. 1 to S.I. 1535
S.I. 1029D-2	Supplement No. 2 to S.I. 1029D
S.I. 1431-2	Supplement No. 2 to S.I. 1431
S.I. 1448-2	Supplement No. 2 to S.I. 1448
S.I. 1369	Supply Port, Vacuum Pump Pad Oil
S.L. L233	Support Assy., Better Identification of Reverse Rotation Ring Gear
S.I. 1384A	Support Assy., Turbocharger, with Large Spools & Support Installation Instructions
S.B. 342G*	Support Clamp and Fuel Line Inspection and Installation (A.D. #2015-19-07) (Refer to Supplements No. 1, No. 2, <b>No. 3, No. 6, and No. 7 to S.B. 342G</b> )
S.I. 1149	Support Web, Crankcase Bearing, Inspection & Modification
S.L. L229B	Synthetic Lubricating Oil, Use of Mobil AV 1, in Textron Lycoming Reciprocating Aircraft Engines, Discontinuance
S.I. 1361	T-Bolt Hose Clamps
S.I. 1011N*	Table of Current Tappet Bodies, Plunger Assemblies and Hydraulic Lifter Assemblies (A.D. #62-03-02)
S.I. 1368	Tachometer Adapter Seal Washer and Retainer
S.B. 492A	Tailpipe Installation, Redesigned V-Band Couplings for
S.B. 531C	Tailpipes, Inspection on TIO-540-AE2A Model Engines
S.I. 1448	Tailpipes, Installation of Heat Muffler Covers and (Refer to Supplement No. 2 to S.I. 1448)
S.I. 1543	Tappet P/N 15B26262, Notification Approved.
S.I. 1011N*	Tappet Bodies, Hydraulic, Table of Current (A.D. #62-03-02)
S.L. L206A	Tappet Bodies/Cam Followers, Field-Reconditioned
S.I. 1334A	Tappet Bore Repair, Crankcase
S.I. 1068A*	Tappet Clearance (Refer to Supplement No. 1 to S.I. 1068A) (A.D. #80-25-02)
S.I. 1424A	Tappet, Hydraulic/Plunger Assy. P/N 78290, Installation Procedure
S.B. 424*	Tappet Replacement, Hydraulic (A.D. #77-20-07)
S.B. 424*	Tappet Replacement, Hydraulic (A.D. #77-20-07)
S.I. 1514D	Tappets, Roller, Part Information Update
S.B. 402	Tappet, Valve Clearance
S.I. 1009BC*	TBO, Recommended Time Between Overhaul
S.B. 516A	TCM and Bendix S-20 and S-1200 Series Impulse Coupling Magnetos, Inspection and Removal
S.L. L190	TCP, Use of Fuel Additive
S.L. L271	Technical Publications, How to Access Lycoming Digital
S.B. 576	Teledyne Continental Ignition Systems S.B. 633A, "Two-Wire Magneto Tachometer Breaker Contact (Points) Assembly Part Number 10-400507"
S.B. 528	Teledyne Continental Ignition Systems S.B. SB658, "Distributor Gear Maintenance"
S.I. 1444	Teledyne Continental Motors Bulletin No. 630, "Revised Timing Procedures"
S.B. 508	Teledyne Continental Motors Bulletin No. 639, "Proper Installation of Impulse Couplings"
S.B. 515	Teledyne Continental Motors Bulletin No. 643, "Maintenance Intervals for all TCM and Bendix Aircraft Magneto and Related Equipment"
S.B. 517*	Teledyne Continental Motors Critical Bulletin No. CSB641, "Possible Open Condition of SC-20, -200 and -1200 Series Magneto Capacitor" (Refer to Supplement No. 1 to S.B. 517) (A.D. #94-06-09)
S.B. 541	Teledyne Continental Motors Critical Bulletin No. CSB662A, "Possible Open Condition of D-3000 Series Magneto Capacitors, P/N's 10-382807, 10-382681, and 10-382681-1"
S.L. L222	Teledyne Continental Motors Ignition Components, Warranty Repair
S.B. 425C*	Teledyne Continental Motors Mandatory S.B. MSB645, "Inspection of Riveted Impulse Couplings and Stop Pins" (A.D. #78-09-07)

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1470	Teledyne Continental Motors Replacement of S-20 and S-200 Series Magnetos with SC-20 and SC-200 (Short Cover) Series Magnetos
S.L. L249	Teledyne Dual Magnetos, Interim Alternative to Address the Discontinuation of
S.B. 595	Teledyne Magnetos S-20 and S-200 Series, Torque Values for Screws that Attach Ignition Harness Attachment Plate
S.L. L237	Telephone Area Code Change for Textron Lycoming, Williamsport PA
S.I. 1573	TEO-540 Engine Series Engine Control Unit (ECU) Assembly Cross-References, Lycoming
S.I. 1144	Test Stand (64765) Vertical, Use & Maintenance of 4-Lug Test Drive Assy. (74894) with
S.B. 113	Test Stand Installation, Dry Sump, for Lycoming Opposed Series Engines
S.I. 1285F	Testing, Non-Destructive, of Lycoming Engine Parts
S.B. 518D	Thermostatic Bypass Valves, Inspection of
S.I. 1565A	Thermostatic Oil Cooler Bypass Valve
S.I. 1423A	Thermostatic Oil Cooler Bypass Valve P/N 75944
S.I. 1255A	Thermostatic Oil Cooler Bypass Valve Replacement
S.B. 330B*	Throttle Arm Screw, Carburetor, Retighten and Lockwire (A.D. #72-06-05)
S.B. 366C	Throttle Body Screw, Carburetor, Inspection
S.I. 1265A	Throttle Lever and Shaft, Serrated
S.I. 1161	Throttle Shaft, Carburetor, Modification to Prevent Leakage
S.I. 1411	Thru-Bolt Ring – Oil Seal Application
S.I. 1123D	Thru-Stud Locations, Installation of P/N 75302 Dowel, P/N 75302-P10 Oversized Dowel and P/N STD-2013 O-Ring Seal
S.I. 1326	Thru-Stud Spotface, Crankcase Repair
S.I. 1290F	Thru-Stud Crankcase, Repair of Oil Leakage, Assembled and Unassembled Engines
S.B. 212B	Thru-Studs (Straight), Replacing with Necked Studs
S.I. 1029D	Thru-Studs, Crankcases, Tightening Procedures for Bolts and (Refer to Supplement No. 1 and No. 2 to S.I. 1029D)
S.B. 273A	Thru-Studs, Modification to Incorporate Body Fit to Crankcase Center Main Bearing Support
S.B. 272A	Thru-Studs, Retorquing of Center Main (Lycoming P/N 68751)
S.I. 1312	Thrust Bearing Replacement, Propeller Drive (Crankcase P/N LW-13082)
S.I. 1356	Thrust Bearing, Oversize, for Reduction Gear
S.B. 390A	Thrust Bearing, Propeller (LW-12978) Inspection
S.I. 1292A	Thrust Bearing, Stainless Steel, and Lubrication Modification
S.B. 400	Thrust Buttons, Teflon, Installation of
S.I. 1354B	Thrust Face Repair, Crankcase
S.I. 1242A	Thrust Washers for Starter Drive Gear
S.B. 225B	Thrust Washers, Valve Rocker, Replacement of
S.I. 1029D	Tightening Procedures for Crankcase Thru-Studs and Bolts (Refer to Supplement No. 1 and No. 2 to S.I. 1029D)
S.L. L213A	Time Between Overhaul (TBO) Extension Kit
S.I. 1009BC*	Time Between Overhaul (TBO), Recommended
S.I. 1325A	Timing Change for IO-360 Series Engines
S.I. 1517	Timing Change for TIO-540-AK1A Series Engines
S.I. 1437	Timing Marks, Engine
S.I. 1133	Timing Procedure for S-700 Series Magnetos
S.B. 633	TIO-540-AH1A Oil Level Gage, Gipps
S.I. 1571	TIO-540-AJ1A and IO-540- AC1A5, Lockplate installation for Induction Housing on
S.B. 406A	Titan Fuel Pump Installation
S.L. L232	Tool Loaning, Discontinuance
S.L. L234B	Tool Rental Program
S.I. 1143C	Tooling Upgrade, Counterweight Bushing Inspection and Replacement
S.I. 1238B	Torque Procedures and Assembly, V-Band Couplings
S.I. 1231	Torque Requirements for Fuel Injector Nozzles
S.I. 1025	Torque Setting, Recommended for Starters
S.I. 1213	Torque Value, Increased for Connecting Rods



## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 595	Torque Values for Screws that Attach Ignition Harness Attachment Plate (S-20 and S-200 Service Teledyne Continental Motors Magnetos)
S.B. 473	Transition Assembly, P/N LW-16863
S.B. 491A*	Transition Bolts, Inspection of Exhaust (A.D. #91-10-04)
S.B. 395	Transition Coupling Requirement
S.B. 521	Transition Inlet, Inspection of Marmon Flange Joint and Inspection of Exhaust System Slip Joints for Proper Engagement
S.B. 523	Transition Waste Gate, Replacement
S.B. 448A*	Transition Waste Gate Assy., Turbocharger (A.D. #80-17-10)
S.I. 1388C*	Troubleshooting of the O-235 Series Engines (Refer to Supplement No. 1 to S.I. 1388C) (A.D. #80-25-02)
S.I. 1391	Tube Alignment, Exhaust Manifold
S.B. 345	Tube Assy., Modification, Oil Suction
S.I. 1167	Tube Assy., Sludge and Test
S.I. 1190	Tube Modification, Exhaust Manifold
S.B. 538A	Tube Replacement, Air Inlet
S.I. 1390	Tube Replacement, Carburetor Idle
S.I. 1399	Tube Replacement, Turbocharger Oil Drain
S.I. 1277A	Tube Retaining Components, Shroud
S.I. 1284A	Tube Retaining Spring Replacement
S.I. 1347	Tube Seal Surface, Shroud, Repair of
S.I. 1487	Tube, Oil Drainback, Clearance
S.B. 545A	Tube, Oil Filler, Replacement
S.B. 519	Tube, Shroud, Retaining Springs Removal of LW-14995 Before Further Flight
S.B. 375A	Tube, Support, Cross Shaft Moisture Seal
S.I. 1321	Tubes, Oil Transfer and Supply, Propeller
S.I. 1215	Tubes, Shroud, Correct Installation for Up-Exhaust Engines
S.I. 1075A	Tubes, Shroud, Procedure for Removing from Top Exhaust Cylinders
S.I. 1113A	Tubes, Sludge, Crankshaft Assy. Revised to Eliminate
S.B. 347	Turbine Housing, Inspection & Replacement, AiResearch Bulletin No. 571-1
S.B. 329A	Turbine Housing Inspection, AiResearch Bulletin No. TP60-0100
S.B. 591A	Turbine Wheel Replacement, Kelly Aerospace Energy Systems Mandatory S.B. 039
S.B. 452A	Turbo Inspection, AiResearch Bulletin No. TP60-0121
S.B. 405	Turbo Strut Spacer
S.I. 1562	Turbocharged Exhaust System Installation
S.B. 613	Turbocharger Back Plate Assembly P/N 406795-0058, Replacement Hartzell Alert Service Bulletin No. 057
S.I. 1339A	Turbocharger Bracket, TIO & TIGO-541-E
S.B. 377	Turbocharger Check Valve and Oil Drain Modification
S.L. L184A	Turbocharger Control Tester Set
S.I. 1187J	Turbocharger Density Controller Adjustment
S.I. 1300	Turbocharger Inlet Oil Pressure, Increased
S.B. 383	Turbocharger Inspection, AiResearch Bulletin No. TP60-0101, "Inspection of Model T1823 Turbochargers with Stainless Steel Turbine Housings"
S.I. 1313A	Turbocharger Installation, Oil Squirt
S.B. 594	Turbocharger, Hartzell Mandatory S.B. 040A Reprint
S.I. 1431	Turbocharger Linkage and Fuel Metering Adjustments (Refer to Supplement No. 2 to S.I. 1431)
S.B. 604	Turbocharger Model TAO411, P/N 410188-0019 Turbine Wheel Replacement (A.D. 2012-24-09), Hartzell Alert Service Bulletin No. 048
S.B. 361	Turbocharger Modification, AiResearch Bulletin No. 1172-1A
S.B. 420	Turbocharger Mount Assy.
S.B. 463	Turbocharger Mounting Bracket Inspection
S.I. 1415	Turbocharger Mounting Hardware, New
S.B. 426*	Turbocharger Oil Drain Flange Replacement (A.D. #80-02-13)
S.B. 534	Turbocharger Oil Drain Tank Inspection/Replacement

**Alphabetical Listing of Lycoming  
Service Bulletins, Letters, and Instructions**

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1399	Turbocharger Oil Drain Tube Replacement
S.B. 389	Turbocharger Oil Inlet Valve Replacement
S.I. 1122A	Turbocharger Parts, Repair Procedures for
S.I. 1328	Turbocharger Replacement, AiResearch Letter No. TP-61-0002
S.I. 1315A	Turbocharger Strut Bracket and Clamp Installations
S.I. 1384A	Turbocharger Support Assy., with Large Spools & Support Installation Instructions
S.B. 448A*	Turbocharger Transition Wastegate Assy. (A.D. #80-17-10)
S.I. 1449	Turbocharger, (46A21184), Rotormaster, Installation of
S.B. 379	Turbocharger, AiResearch Bulletin No. TP60-0103, "Inspection of Remanufactured Waste Gate Valve Assys."
S.I. 1223	Turbocharger, AiResearch Instruction No. 969-1, "Freeing Turbine Shaft"
S.I. 1416	Turbocharger, AiResearch Letter No. TP61-0039, "Bypass Valve Modification"
S.B. 580*	Turbocharger, Kelly Aerospace Power Systems Bulletin No. 029, "Turbocharger Exhaust Flange Inspection and/or Turbine Housing Replacement" (A.D. #2008-08-17)
S.B. 313B	Turbocharger, Maintenance and Inspection
S.B. 408	Turbocharger, Rajay Industries S.L. 21A, "Inspection of Turbine (Exhaust) Housing"
S.I. 1286B	Turbochargers (TE0659) with Stainless Steel Housings
S.B. 391A	Turbocharger, AiResearch Bulletin No. TP60-0105, "Turbocharger Replacement or Modification" (Refer to Supplement No. 1 to S.B. 391A)
S.B. 531C	Turbochargers, Inspection on TIO-540-AE2A Model Engines
S.B. 583A	Unison Industries MANDATORY S.B. SB2-08, "Mandatory Inspections on all Slick 4300/6300 and LASAR™ 4700/6700 Magnetos"
S.B. 584B	Unison Industries MANDATORY S.B. SB3-08, "Mandatory Inspections of all Slick 4300/6300 and LASAR™ 4700/6700 Magnetos"
S.L. L270	Unleaded Fuels, Extended Maintenance Intervals for Spark-Ignited Engines Operated on
S.I. 1215	Up-Exhaust Engines, Correct Installation of Shroud Tubes
S.B. 398B*	Use of Incorrect Fuel, Recommendations Regarding
S.L. L209A	Utilization of Textron Lycoming Piston Engine Overhaul Manuals and Parts Catalogs
S.B. 598A	V-Band Clamp P/N LW-12125-3 and LW-12093-6 on Turbocharged Engines, Aeroquip P/N NH1008723-10 and MVT69183-225
S.I. 1238B	V-Band Couplings, Assembly and Torque Procedures
S.B. 492A	V-Band Couplings, Redesigned for Tailpipe Installation
S.I. 1369	Vacuum Pump Pad Oil Supply Port
S.B. 597	Valve Adapter Assembly P/N LW-13807, Fuel Drain
S.I. 1193A	Valve Failure, Inspection in Event of
S.B. 503	Valve Guide Replacement, Exhaust, on TIO-540-AF1A Engines
S.I. 1256F	Valve Guides, for Service Use
S.B. 490A	Valve Guides, Intake and Exhaust, Installation of
S.B. 624	Valve Housing Cap Screw Replacement, Fuel Pump, Reprint of Hartzell SB-065
S.I. 1483A	Valve Leak Check (Field Procedure)
S.B. 328	Valve Lifter Replacement, Limited Travel
S.B. 419	Valve Replacement, Exhaust – TO-360
S.L. L181	Valve Replacement, Intake (Service Instruction Nos. 1280C, 1262A, 1302A)
S.I. 1255A	Valve Replacement, Thermostatic Oil Cooler Bypass
S.I. 1176	Valve Rocker Shaft Repair
S.B. 225B	Valve Rocker Thrust Washers, Replacement of
S.I. 1182A	Valve Rockers, High Lift, for Improved Performance (S.L. 187) Reactivated with this Revision.
S.B. 540	Valve Seat Inspection
S.I. 1172C	Valve Seat Repair or Replacement and Adjustable Oil Pressure Relief Valve Installation
S.I. 1092A	Valve Seat Replacement Tool and Procedures
S.I. 1316A	Valve Seat, Oil Cooler Bypass, Repair of
S.I. 1192A	Valve Spring Compressor No. ST-266
S.I. 1240C	Valve Spring Replacement
S.I. 1381	Valve Spring Seat, Upper Exhaust & Hydraulic Lifter, Replacement

## Alphabetical Listing of Lycoming Service Bulletins, Letters, and Instructions

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.I. 1425A	Valve Sticking, Maintenance Procedures to Reduce Possibility of
S.L. L197A	Valve Sticking, Recommendations to Avoid
S.B. 402	Valve Tappet Clearance
S.B. 362A	Valve, Check, Fuel Vent Line Installation
S.I. 1214A	Valve, Exhaust Bypass: Reset for Critical Altitude
S.I. 1479A	Valve, Exhaust Guide Kit, Oil Cooler, TIO-540-AF1A
S.I. 1485A	Valve, Exhaust, and Guide Identification Procedure
S.B. 388C	Valve, Exhaust, Guide, Procedure to Determine Condition
S.I. 1116C	Valve, Exhaust, Guide Clearance Modification
S.I. 1200A	Valve, Exhaust, Guide, Honing During Replacement
S.B. 404	Valve, Exhaust, Inspection (High Lead Fuel Operation)
S.I. 1430	Valve, Exhaust, Replacement
S.I. 1268C	Valve, Exhaust, Rocker Assembly
S.I. 1468A	Valve, Exhaust, Rocker Assembly
S.B. 384	Valve, Fuel Drain Check, Modification
S.L. L242	Valve, Idle, Lower, Improved in Fuel Injectors
S.I. 1442A	Valve, Improved Oil Filter Bypass
S.B. 412B*	Valve, Intake and Exhaust, Rocker Arm Retaining Stud (A.D. #77-20-07)
S.B. 314C*	Valve Lifter Replacement, Limited Travel (A.D. #68-08-08)
S.I. 1337A	Valve, Manifold Pressure Relief – TIGO-541
S.I. 1293	Valve, Manifold Pressure Relief – TIO-541
S.I. 1454A	Valve, Parallel Rocker Arm Assembly Replacement Part (Refer to Supplement No. 1 to S.I. 1454A)
S.I. 1008C	Valve, Pressure Relief, Instructions for Installation
S.I. 1273A	Valve, Relief, Installation in Oil Pump
S.I. 1302A	Valve, Rotator Type, with Small Diameter Head
S.I. 1565A	Valve, Thermostatic Oil Cooler Bypass
S.I. 1423A	Valve, Thermostatic Oil Cooler Bypass, P/N 75944
S.B. 377	Valve, Turbocharger Check, and Oil Drain Modification
S.B. 389	Valve, Turbocharger Oil Inlet Check, Replacement
S.B. 447B*	Valve, Upper Exhaust Spring Seats, Inspection (A.D. #80-14-07)
S.I. 1136A	Valves, Exhaust with ½” Diameter Stems, in Parallel Valve Cylinders (Refer to Supplement No. 1 to S.I. 1136A)
S.B. 502	Valves, Intake, P/N LW-13262, Replacement, Etched with Date Code K-L
S.I. 1280C	Valves, Intake, Rotator Type
S.B. 301B	Valves, Maintenance Procedures and Service Limitations
S.I. 1262A	Valves, Small Head Intake, and Venturi Seats
S.B. 518D	Valves, Thermostatic Bypass, Inspection of
S.I. 1572	Vapor Return Fitting on Piper installation of IO-360-B4A, Plug Replacement of
S.B. 494*	Vent Fittings, Fuel Pump, Restricted, Installation of (A.D. #91-08-07)
S.B. 497*	Vent Fittings, Fuel Pump, Restricted, New, Installation in AN Drive (A.D. #91-08-07)
S.B. 487*	Vent, Fuel Pump, Restriction (A.D. #89-15-10)
S.I. 1262A	Venturi Seats and Small Head Intake Valves
S.I. 1224	VO-435-B1A, Starter and Magneto Modifications
S.B. 297A*	Venturi, One Piece and Main for Marvel-Schebler MA-4-5 Carburetors (A.D. #63-22-03)
S.L. L267	Warranty and Owner Registration via Lycoming Engines Website
S.L. L275A	Warranty Procedure for Exhaust System Replacement Referenced in SB627E
S.L. L253C	Warranty repair of AVStar Fuel System
S.L. L221C	Warranty Repair of Precision Fuel Control Components
S.L. L222	Warranty Repair of Teledyne Continental Motors Ignition Components
S.L. L239	Warranty Return Parts, Preservation of
S.B. 556	Washer P/N LW-11201, Replacement
S.B. 418	Waste Gate Control Cable Rod End Replacement
S.B. 523	Waste Gate Transition, Replacement of
S.L. L267	Website, Warranty and Owner Registration via Lycoming Engines

**Alphabetical Listing of Lycoming  
Service Bulletins, Letters, and Instructions**

\* - Lycoming Service Document referenced in Airworthiness Directives.

Pub. No.	Title
S.B. 472	Wide Cylinder Flange Crankcases, Disassembly
S.L. L220C	Wide Deck Cylinder Configuration on Lycoming Engines
S.I. 1419	Wiring Harness, Magneto, Modification of
S.I. 1554	Zip Strap Replacement

## Numerical Listing of Active Lycoming Service Bulletins, Letters and Instructions

**NOTE: Revisions and new documents since last print are in bold.**

### Service Bulletins:

113, 178A, 183A, 201F, 212B, 213A, 222D, 225B, 235A, 238, 240W, 245D, 246, 247, 253A, 258, 271A, 272A, 273A, 276, 293B, 297A, 300B, 301B, 302A, **303F**, 305B, **307**, 308B, 310, 311, 313B, 314C, 318B, 319B, 326A, 327C, 328, 329A, 330B, 331, 333, 334C, 337A, 340, 341, 342G, 343B, 344, 345, 347, 349, 351B, 352, 353A, 354, 356, 357, 359, 361, 362A, 363, 364A, 365, 366C, 367F, **369R**, 370, 371B, 372B, 373, 374, 375A, 376, 377, 379, 380A, 382, 383, 384, 386, 387, 388C, 389, 390A, 391A, 392B, 393C, 394, 395, 397, 398B, 399A, 400, 401A, 402, 403, 404, 405, 406A, 407A, 408, 409, 410, 411D, 412B, 414, 415A, 416A, 417A, 418, 419, 420, 421, 422A, 423, 424, 425C, 426, 427A, 428, 429, 430, 431, 432, 433A, 434, 435, 436, 437, 438A, 439A, 440, 441, 442, 443, 444A, 445, 446E, 447B, 448A, 449, 450, 451, 452A, 453D, 457A, 458, 459, 460, 461, 463, 464A, 465C, 466, 467, 468C, 469, 470, 471B, 472, 473, 474, 475C, 477A, 478A, 479, 480F, 481, 482, 483, 484, 485, 486, 487, 488A, **489A**, 490A, 491A, 492A, 494, 496, 497, 498B, 499C, 500A, 501B, 502, 503, 504, 505B, 506, 507, 508, 509, 510, 511, 514, 515, 516A, 517, 518D, 519, 520, 521, 522, 523, 524, 525A, 526, 527C, 528, 529B, 530B, 531C, 532, 533C, 534, 536, 537, 538A, 539A, 540, 541, 543C, 544B, 545A, 547, 548A, 549, 552, 553, 554, 555A, 556, 557, 558, 559, 561, 563, 564A, 565, 566, 568, 569A, 571, 572, 573, 574A, 576, 577A, 578, 579, 580, 581A, 582A, 583A, 584B, 585, 590A, 591A, 592, 593B, 594, 595, 596, 597, 598A, 599, 601, 603, 604, 606, 608, **612**, 613, 614A, 619, 621B, 622, 623, 624, 625, 626A, 627E, 628, 630A, 632B, 633, 634.

### Service Letters:

L109, L114BF, L132, L142B, L147B, L150T, L154B, L156, L159D, L161C, L162B, L171, L172C, L173C, L177A, L180B, L181, L182, L183, L184A, L185B, L186, L188, L189, L190, L192B, L193, L195, L196, L197A, L200, L202B, L203, L204, L206A, L207, L208, L209A, L210, L213A, L214A, L215, L216, L218, L220C, L221C, L222, L223, L225, L226, L228, L229B, L231, L232, L233, L234B, L235A, L237, L239, L240A, L242, L245, L246, L247J, L248, L249, L250A, L251, L253C, L254, L255A, L258, L259, L261A, L262, L263, L264A, L267, L270, L271, L272A, L273, L275A.

### Service Instructions:

1002, 1008C, 1009BC, **1011N**, **1012K**, 1014M, 1016C, 1020B, 1025, 1026, 1029D, 1032H, 1037U, 1040A, **1042AG**, 1043A, 1044, 1047B, 1059E, **1060T**, 1062, 1068A, 1069A, 1070Z, 1072, 1075A, 1076, 1079B, 1080C, 1084A, 1092A, 1094D, **1098P**, 1105B, 1108C, 1109, 1110C, 1111, 1112E, 1113A, 1116C, 1118A, 1120, 1121, 1122A, 1123D, 1125D, 1126, 1129D, 1130, 1132B, 1133, 1135A, 1136A, 1138B, 1139, 1140, 1141A, 1142B, 1143C, 1144, 1145, 1148C, 1149, 1152A, **1154V**, 1156A, 1157, 1158, 1159, 1161, 1164B, 1166A, 1167, 1168B, 1169C, 1170, 1171, 1172C, 1173, 1176, 1177B, 1180B, 1181, 1182A, 1185, 1186, 1187J, 1189, 1190, 1191A, 1192A, 1193A, 1196, 1197A, 1200A, 1203, 1204D, 1205, 1206, 1208, 1209B, 1210B, 1211D, 1212, 1213, 1214A, 1215, 1216, 1218A, 1221A, 1223, 1224, 1225D, 1226, 1227, 1228A, 1230B, 1231, 1232, 1234, 1236A, 1237A, 1238B, 1239, 1240C, 1241C, 1242A, 1244, 1246B, 1247, 1248B, 1249, 1250, 1251, 1252C, 1253, 1254, 1255A, 1256F, 1257G, 1259, 1260, 1262A, 1263B, 1264, 1265A, 1266, 1267D, 1268C, 1270A, 1271A, 1273A, 1274B, 1275C, 1276, 1277A, 1278, 1279C, 1280C, 1282, 1283A, 1284A, 1285F, 1286B, 1287, 1288, 1289A, 1290F, 1291, 1292A, 1293, 1294, 1295, 1296, 1298, 1299B, 1300, 1301B, 1302A, 1304J, 1306A, 1307B, 1308E, 1309, 1310A, 1312, 1313A, 1314, 1315A, 1316A, 1320, 1321, 1323A, 1324C, 1325A, 1326, 1327, 1328, 1329A, 1330A, 1331A, 1332, 1333, 1334A, 1335, 1337A, 1338, 1339A, 1340A, 1341, 1342, 1343C, 1344, 1345, 1346A, 1347, 1351, 1352A, 1354B, 1355, 1356, 1357A, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366A, 1367, 1368, 1369, 1370, 1373, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384A, 1385, 1386A, 1387, 1388C, 1389, 1390, 1391, 1392, 1393, 1394, 1395A, 1396, 1397A, 1398A, 1399, 1400, 1402, 1403, 1404A, 1406E, 1407, 1408C, 1409C, 1410, 1411, 1413, 1414B, 1415, 1416, 1417, 1418, 1419, 1420A, 1421, 1422A, 1423A, 1424A, 1425A, 1427C, 1428, 1430, 1431, 1432A, 1433, 1434, 1435, 1436A, 1437, 1438A, 1439, 1442A, 1443Q, 1444, 1445, 1446, 1447B, 1448, 1449, 1451A, 1452, 1453B, 1454A, 1455, 1457A, 1458G, 1459, 1461, 1462A, 1463, 1464, 1465, 1466, 1467, 1468A, 1469, 1470, 1471, 1472, 1473, 1474, 1479A, 1480, 1481B, 1483A, 1484C, 1485A, 1486A, 1487, 1489C, 1491, 1492D, 1494, 1495, 1497A, **1498B**, 1500, 1502A, 1503, 1504, 1505, 1506A, 1508C, 1509, 1510A, 1511A, 1512, 1513, 1514D, 1515, 1517, 1518, 1519A, 1520, 1521, 1522, 1523G, 1524, 1525, 1528, 1530, 1531, 1532K, **1533D**, 1534, 1535, 1539, 1543, 1545, 1546, 1549, 1554, 1558, 1559, 1560, 1562, 1565A, 1566, 1570, 1571, 1572, **1573**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**O-235 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 222D, 235A, 238, 240W, 301B, 330B, 340, 341, 343B, 357, 359, 366C, **369R**, 370, 373, 374, 376, 388C, 398B, 400, 401A, 425C, 432, 439A, 449, 453D, 457A, 458, 464A, 468C, 475C, 478A, 480F, 481, 486, 488A, 498B, 504, 508, 515, 516A, 517, 518D, 522, 524, 528, 530B, 533C, 540, 548A, 559, 572, 576, 582A, 583A, 584B, 592, 595, 601, 622, 623, 630A, 632B.

INACTIVE SERVICE BULLETINS:

121, 124, 125, 128, 129, 131, 132, 133, 134, 135, 143, 151, 154, 158, 159, 160, 161, 165, 167, 171, 174, 175I, 179, 186, 194, 197, 202, 205, 207, 211, 214, 218, 226, 228, 234, 236, 242, 243, 244, 250, 264, 268, 277, 278, 286, 299, 309, 323, 355, 360, 385, 456, 495.

-----

ACTIVE SERVICE LETTERS:

L114BF, L132, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L173C, L177A, L180B, L181, L182, L183, L185B, L186, L188, L189, L190, L192B, L193, L195, L196, L197A, L200, L203, L206A, L207, L209A, L210, L213A, L214A, L215, L216, L218, L221C, L222, L223, L226, **L227A**, L228, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L248, L249, L250A, L251, L253C, L254, L255A, L258, L267, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L108, L110, L112, L115, L116, L117, L118, L119, L120, L121, L127, L129, L131, L134, L135, L136, L145, L151, L153, L157, L160, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, L230, L264, L270, L271.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1012K**, 1014M, 1029D, 1037U, **1042AG**, 1043A, 1047B, 1059E, **1060T**, 1068A, **1070AA**, 1080C, 1092A, 1094D, **1098P**, 1105B, 1110C, 1111, 1121, 1125D, 1126, 1129D, 1130, 1132B, 1135A, 1139, 1141A, 1148C, 1149, **1154V**, 1157, 1164B, 1172C, 1173, 1176, 1181, 1191A, 1193A, 1197A, 1200A, 1204D, 1205, 1206, 1212, 1218A, 1221A, 1226, 1230B, 1237A, 1240C, 1241C, 1246B, 1253, 1256F, 1260, 1265A, 1266, 1271A, 1276, 1278, 1282, 1285F, 1294, 1301B, 1304J, 1316A, 1324C, 1327, 1332, 1334A, 1341, 1357A, 1362, 1366A, 1375, 1377, 1382, 1383, 1385, 1388C, 1389, 1393, 1400, 1409C, 1411, 1418, 1423A, 1425A, 1427C, 1433, 1435, 1437, 1443Q, 1447B, 1457A, 1458G, 1461, 1462A, 1464, 1466, 1470, 1472, 1480, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1504, 1505, 1509, 1512, 1515, 1523G, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1565A, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1006, 1010, 1015, 1017, 1018, 1019, 1021, 1022, 1023, 1038, 1041, 1049, 1050, 1052, 1054, 1055, 1073, 1074, 1081, 1088, 1091, 1096, 1097, 1106, 1119, 1124, 1134, 1147, 1150, 1151, 1153, 1163, 1179, 1183, 1233, 1243, 1269, 1272, 1281, 1303, 1311, 1319, 1374, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**O-290 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 222D, 235A, 238, 240W, 301B, 330B, 343B, 357, 366C, **369R**, 376, 388C, 398B, 400, 401A, 425C, 439A, 464A, 466, 475C, 480F, 498B, 504, 516A, 524, 530B, 533C, 548A, 576, 582A, 583A, 584B, 592, 595, 623, 630A, 632B.

INACTIVE SERVICE BULLETINS:

121, 124, 125, 130, 135, 136, 137, 138, 143, 150, 151, 152, 154, 158, 159, 161, 162, 164, 165, 167C, 169, 171, 174, 175, 179, 186, 194, 197E, 198, 200, 202, 205, 207, 211, 214, 218, 219, 226, 228, 234, 236, 242, 243, 244, 250, 256, 264, 267, 268, 277, 278, 286, 299, 309, 323, 355, 360, 456, 495.

-----

ACTIVE SERVICE LETTERS:

L114BF, L132, L142B, L147B, L154B, L156, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L186, L188, L190, L192B, L193, L195, L196, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L218, L220C, L221C, L222, L223, L226, **L227A**, L228, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L262, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L104, L108, L110, L112, L113, L115, L116, L117, L118, L119, L120, L121, L127, L129, L131, L134, L135, L136, L145, L151, L153, L160, L164, L169, L170, L176, L179C, L187, L191, L199, L201, L205, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1029D, 1037U, **1042AG**, 1043A, 1059E, **1060T**, 1068A, **1070AA**, 1080C, 1092A, 1094D, **1098P**, 1105B, 1111, 1121, 1125D, 1126, 1129D, 1130, 1132B, 1135A, 1139, 1141A, 1148C, **1154V**, 1157, 1164B, 1172C, 1173, 1176, 1181, 1191A, 1193A, 1197A, 1205, 1206, 1218A, 1221A, 1230B, 1240C, 1241C, 1246B, 1255A, 1256F, 1265A, 1276, 1278, 1282, 1285F, 1294, 1301B, 1304J, 1324C, 1327, 1334A, 1341, 1366A, 1377, 1382, 1389, 1409C, 1418, 1424A, 1425A, 1427C, 1433, 1435, 1437, 1443Q, 1447B, 1458G, 1462A, 1464, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1565A, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1007, 1010, 1015, 1017, 1018, 1019, 1021, 1022, 1023, 1034, 1035, 1038, 1041, 1049, 1050, 1051, 1053, 1054, 1055, 1073, 1074, 1081, 1088, 1091, 1096, 1097, 1106, 1119, 1124, 1134, 1147, 1150, 1151, 1153, 1163, 1179, 1183, 1233, 1243, 1269, 1272, 1281, 1311, 1319, 1336, 1374, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**O, IO, AEIO, AIO, LIO-320 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 213A, 222D, 235A, 238, 240W, 253A, 258, 271A, 272A, 273A, 293B, 300B, 301B, 305B, 307, 330B, 340, 341, 342G, 343B, 357, 366C, 367F, **369R**, 370, 373, 374, 376, 382, 388C, 398B, 399A, 400, 401A, 403, 404, 406A, 407A, 410, 412B, 414, 415A, 416A, 422A, 423, 424, 425C, 427A, 433A, 435, 438A, 439A, 442, 446E, 447B, 449, 457A, 458, 461, 464A, 466, 468C, 472, 475C, 477A, 478A, 480F, 486, 488A, 498B, 500A, 501B, 504, 505B, 508, 515, 516A, 517, 518D, 519, 524, 525A, 526, 527C, 528, 529B, 530B, 533C, 539A, 540, 541, 543C, 548A, 555A, 559, 565, 574A, 576, 577A, 578, 581A, 582A, 583A, 584B, 585, 592, 595, 599, 601, 603, 619, 621B, 622, 623, 624, 628, 630A, 632B, 634.

INACTIVE SERVICE BULLETINS:

121, 125, 143, 151, 161, 167, 171, 174, 175, 176, 179, 185, 186, 190, 192, 193, 194, 195, 196, 197, 198, 202, 203, 204, 205, 207, 209, 211, 214, 218, 219, 226, 228, 234, 236, 242, 243, 244, 250, 254, 256, 262, 264, 265, 267, 268, 274, 277, 278, 286, 298, 299, 309, 322, 323, 355, 360, 385, 413, 456, 495, 615, 617.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L173C, L177A, L180B, L181, L182, L183, L185B, L186, L188, L189, L190, L192B, L193, L195, L197A, L200, L202B, L203, L206A, L207, L208, L209A, L210, L214A, L216, L218, L220C, L221C, L222, L223, L225, L226, **L227A**, L228, L229B, L232, L233, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L012, L103, L104, L108, L110, L112, L113, L115, L116, L117, L118, L119, L120, L121, L126, L127, L129, L131, L134, L135, L136, L141, L145, L149, L151, L153, L157, L158, L160, L164, L169, 170, L176, L178, L179, L187, L191, L199, L201, L205, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1008C, 1009BC, **1011N**, **1012K**, 1014M, 1020B, 1029D, 1037U, **1042AG**, 1043A, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, **1098P**, 1105B, 1110C, 1111, 1112E, 1113A, 1121, 1123D, 1125D, 1126, 1129D, 1130, 1132B, 1135A, 1136A, 1139, 1141A, 1148C, **1154V**, 1157, 1164B, 1166A, 1172C, 1173, 1176, 1181, 1189, 1191A, 1193A, 1197A, 1200A, 1204D, 1205, 1206, 1218A, 1221A, 1225D, 1226, 1228A, 1230B, 1237A, 1240C, 1241C, 1249, 1253, 1255A, 1256F, 1260, 1265A, 1266, 1267D, 1270A, 1274B, 1275C, 1276, 1277A, 1278, 1282, 1285F, 1290F, 1294, 1301B, 1304J, 1310A, 1314, 1316A, 1324C, 1327, 1332, 1334A, 1335, 1340A, 1341, 1343C, 1345, 1352A, 1354B, 1357A, 1360, 1364, 1365, 1367, 1368, 1370, 1373, 1375, 1377, 1378, 1380, 1382, 1385, 1386A, 1387, 1389, 1392, 1395A, 1397A, 1400, 1402, 1404A, 1406E, 1409C, 1414B, 1417, 1418, 1420A, 1423A, 1424A, 1425A, 1427C, 1432A, 1433, 1435, 1437, 1443Q, 1446, 1447B, 1453B, 1454A, 1457A, 1458G, 1461, 1462A, 1464, 1466, 1470, 1472, 1473, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1506A, 1509, 1511A, 1512, 1514D, 1515, 1518, 1519A, 1520, 1521, 1522, 1523G, 1528, 1530, **1533D**, 1534, 1535, 1543, 1545, 1546, 1549, 1559, 1560, 1565A, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1007, 1010, 1015, 1017, 1018, 1019, 1021, 1022, 1023, 1031, 1035, 1038, 1041, 1049, 1050, 1051, 1052, 1054, 1055, 1057, 1063, 1073, 1074, 1081, 1088, 1091, 1093, 1096, 1097, 1106, 1107, 1115, 1119, 1124, 1127, 1134, 1147, 1150, 1151, 1153, 1163, 1178, 1179, 1183, 1199, 1233, 1243, 1269, 1272, 1281, 1303, 1305, 1311, 1319, 1374, 1336, 1450, 1526, **1529**.



**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**O-340 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 222D, 235A, 238, 240W, 253A, 271A, 272A, 273A, 297A, 301B, 330B, 343B, 357, 366C, **369R**, 370, 388C, 398B, 401A, 425C, 439A, 464A, 466, 475C, 480F, 515, 516A, 517, 518D, 524, 528, 533C, 548A, 576, 582A, 583A, 584B, 592, 595, 623, 630A, 632B.

INACTIVE SERVICE BULLETINS:

121, 125, 143, 161, 167, 174, 175, 179, 186, 192, 194, 197, 198, 202, 205, 207, 209, 211, 214, 218, 219, 226, 228, 234, 236, 237, 242, 243, 244, 250, 254, 256, 262, 264, 265, 267, 268, 274, 277, 298, 309, 360, 495.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L186, L188, L190, L192B, L193, L195, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L218, L220C, L221C, L222, L223, L226, L228, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L104, L108, L110, L112, L113, L116, L117, L118, L119, L120, L121, L127, L129, L130, L131, L134, L135, L136, L145, L151, L153, L157, L160, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1008C, 1009BC, **1011N**, **1012K**, 1014M, 1020B, 1029D, 1037U, **1042AG**, 1043A, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, **1098P**, 1105B, 1111, 1112E, 1121, 1123D, 1125D, 1126, 1129D, 1130, 1132B, 1135A, 1136A, 1139, 1141A, 1148C, **1154V**, 1157, 1164B, 1172C, 1173, 1176, 1181, 1191A, 1193A, 1197A, 1200A, 1204D, 1205, 1206, 1218A, 1221A, 1228A, 1230B, 1240C, 1241C, 1255A, 1256F, 1265A, 1267D, 1276, 1277A, 1278, 1282, 1285F, 1294, 1301B, 1304J, 1316A, 1324C, 1327, 1334A, 1340A 1377, 1382, 1409C, 1418, 1423A, 1424A, 1425A, 1427C, 1433, 1435, 1437, 1447B, 1454A, 1458G, 1462A, 1464, 1470, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1565A, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1007, 1010, 1015, 1017, 1018, 1019, 1021, 1022, 1023, 1031, 1038, 1041, 1049, 1050, 1051, 1052, 1053, 1054, 1057, 1073, 1074, 1081, 1088, 1091, 1093, 1096, 1097, 1106, 1119, 1124, 1134, 1147, 1150, 1151, 1153, 1163, 1175, 1179, 1233, 1243, 1272, 1281, 1303, 1311, 1319, 1336, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**O, IO, AEIO, AIO, HO, HIO, LO, LIO, LHIO, LTO, TO, TIO-360 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 222D, 225B, 235A, 238, 240W, 271A, 272A, 273A, 297A, 301B, 302A, 305B, 307, 318B, 326A, 327C, 328, 330B, 340, 341, 342G, 343B, 347, 349, 352, 357, 363, 364A, 365, 366C, 367F, **369R**, 370, 373, 374, 376, 380A, 382, 388C, 398B, 399A, 400, 401A, 402, 403, 405, 406A, 408, 409, 410, 411D, 414, 415A, 416A, 418, 419, 420, 425C, 426, 427A, 428, 429, 433A, 434, 438A, 439A, 442, 443, 446E, 447B, 449, 451, 457A, 458, 460, 461, 464A, 465C, 466, 468C, 472, 473, 475C, 477A, 478A, 480F, 483, 485, 486, 488A, 496, 497, 500A, 501B, 502, 505B, 508, 515, 516A, 517, 518D, 519, 520, 524, 525A, 526, 527C, 528, 529B, 530B, 533C, 539A, 540, 541, 543C, 548A, 549, 555A, 557, 559, 564A, 565, 566, 568, 569A, 574A, 576, 577A, 578, 581A, 582A, 583A, 584B, 585, 591A, 592 593B, **594**, 595, 596, 597, 598A, 599, 601, 603, 608, 612, 619, 621B, 622, 623, 624, 625, 626A, 628, 630A, 632B, 634.

INACTIVE SERVICE BULLETINS:

125, 161, 167, 175, 179, 186, 194, 197, 198, 202, 205, 207, 209, 211, 214, 218, 226, 228, 234, 236, 237, 242, 243, 244, 250, 254, 256, 259, 262, 264, 265, 267, 268, 274, 277, 278, 286, 289, 298, 299, 304, 306, 309, 322, 323, 336, 355, 348, 360, 381, 385, 396, 454, 455, 456, 495, 615, 617

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L150T, L154B, L159D, L161C, L162B, L171, L172C, L173C, L177A, L180B, L181, L182, L183, L184A, L185B, L186, L188, L189, L190, L192B, L193, L195, L197A, L200, L202B, L203, L204, L206A, L207, L208, L209A, L210, L214A, L216, L218, L220C, L221C, L222, L223, L226, L228, L229B, L232, L233, L234B, L237, L239, L240A, L242, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L259, L261A, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L101, L102, L103, L104, L108, L110, L112, L113, L115, L116, L117, L118, L119, L120, L121, L127, L129, L130, L131, L134, L135, L136, L140, L141, L145, L149, L151, L153, L157, L158, L160, L164, L169, L170, L175, L176, L178, L179, L187, L191, L194, L199, L201, L205, L217, **L227**, L230, L244.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1008C, 1009BC, **1011N**, **1012K**, 1014M, 1020B, 1029D, 1037U, 1040A, **1042AG**, 1043A, 1047B, 1059E, **1060T**, **1070AA**, 1072, 1076, 1080C, 1092A, 1094D, **1098P**, 1105B, 1110C, 1111, 1112E, 1113A, 1116C, 1121, 1122A, 1123D, 1125D, 1126, 1129D, 1130, 1132B, 1135A, 1136A, 1139, 1141A, 1142B, 1143C, 1148C, 1152A, **1154V**, 1157, 1164B, 1166A, 1168B, 1172C, 1173, 1176, 1180B, 1181, 1191A, 1193A, 1197A, 1200A, 1204D, 1205, 1206, 1213, 1216, 1218A, 1221A, 1223, 1225D, 1226, 1228A, 1230B, 1237A, 1238B, 1240C, 1241C, 1253, 1255A, 1256F, 1257G, 1260, 1262A, 1263B, 1265A, 1266, 1267D, 1270A, 1274B, 1275C, 1276, 1277A, 1278, 1280C, 1282, 1284A, 1285F, 1287, 1289A, 1290F, 1294, 1299B, 1301B, 1302A, 1304J, 1307B, 1310A, 1314, 1316A, 1320, 1324C, 1325A, 1327, 1332, 1333, 1334A, 1335, 1340A, 1341, 1343C, 1345, 1346A, 1347, 1352A, 1354B, 1357A, 1359, 1361, 1363, 1364, 1367, 1369, 1370, 1373, 1375, 1376, 1377, 1378, 1380, 1381, 1382, 1385, 1386A, 1387, 1390, 1397A, 1399, 1400, 1402, 1404A, 1406E, 1407, 1409C, 1413, 1414B, 1415, 1417, 1418, 1419, 1420A, 1421, 1423A, 1424A, 1425A, 1427C, 1428, 1430, 1431, 1432A, 1433, 1435, 1436A, 1437, 1438A, 1442A, 1443Q, 1445, 1446, 1447B, 1449, 1452, 1453B, 1454A, 1455, 1457A, 1458G, 1459, 1461, 1462A, 1464, 1465, 1467, 1469, 1470, 1472, 1473, 1481B, 1483A, 1484C, 1485A 1487, 1489C, 1491, 1492D, 1497A, **1498B**, 1502A, 1505, 1506A, 1508C, 1509, 1510A, 1511A, 1512, 1513, 1514D, 1515, 1518, 1519A, 1520, 1521, 1522, 1523G, 1524, 1528, 1530, 1532K, **1533D**, 1534, 1535, 1543, 1545, 1546, 1549, 1562, 1559, 1560, 1565A, 1566, 1572.

INACTIVE SERVICE INSTRUCTIONS:

1003, 1010, 1015, 1017, 1018, 1019, 1021, 1022, 1023, 1031, 1035, 1038, 1041, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1057, 1061, 1063, 1073, 1074, 1078, 1081, 1088, 1089, 1091, 1093, 1096, 1097, 1099, 1106, 1107, 1119, 1124, 1127, 1131, 1134, 1147, 1150, 1151, 1153, 1155, 1162, 1163, 1175, 1178, 1179, 1184, 1220, 1233, 1243, 1245, 1258, 1269, 1272, 1281, 1303, 1311, 1318, 1319, 1336, 1350, 1358, 1374, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**VO & IVO-360 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 222D, 238, 240W, 271A, 273A, 297A, 301B, 305B, 314C, 330B, 342G, 343B, 357, 366C, **369R**, 376, 382, 388C, 398B, 400, 401A, 433A, 439A, 442, 464A, 466, 472, 475C, 480F, 508, 515, 516A, 524, 527C, 530B, 533C, 576, 581A, 582A, 583A, 584B, 592, 595, 623, 630A, 632B, 634.

INACTIVE SERVICE BULLETINS:

125, 167, 179, 186, 194, 197, 198, 202, 205, 207, 211, 214, 218, 226, 228, 234, 242, 243, 244, 250, 262, 267, 268, 274, 277, 278, 309, 322, 355, 360, 381, 456, 495.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L186, L188, L190, L192B, L193, L195, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L220C, L221C, L222, L223, L226, L228, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L108, L110, L112, L116, L117, L119, L120, L121, L127, L129, L130, L131, L134, L135, L136, L145, L149, L151, L153, L160, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1008C, 1009BC, **1011N**, **1012K**, 1014M, 1020B, 1029D, 1037U, **1042AG**, 1043A, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, **1098P**, 1105B, 1111, 1112E, 1113A, 1121, 1123D, 1125D, 1126, 1129D, 1130, 1132B, 1135A, 1139, 1141A, 1148C, **1154V**, 1157, 1164B, 1166A, 1172C, 1173, 1176, 1181, 1191A, 1193A, 1197A, 1205, 1206, 1213, 1218A, 1228A, 1230B, 1240C, 1241C, 1255A, 1256F, 1265A, 1267D, 1274B, 1275C, 1277A, 1278, 1282, 1285F, 1294, 1301A, 1304J, 1307B, 1314, 1316A, 1324C, 1327, 1334A, 1335, 1340A, 1359, 1377, 1378, 1382, 1404A, 1409C, 1414B, 1418, 1423A, 1424A, 1425A, 1433, 1435, 1437, 1447B, 1454A, 1458G, 1462A, 1464, 1470, 1472, 1481B, 1483A, 1484C, 1487, 1492D, 1505, 1509, 1512., 1518, 1519A, 1520, 1521, 1522, 1528, 1530, **1533D**, 1534, 1535, 1543, 1545, 1546, 1549, 1565A, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1010, 1015, 1017, 1019, 1021, 1022, 1023, 1031, 1038, 1041, 1050, 1053, 1054, 1055, 1063, 1073, 1074, 1081, 1088, 1091, 1093, 1096, 1097, 1106, 1119, 1124, 1127, 1134, 1147, 1150, 1153, 1163, 1175, 1178, 1179, 1233, 1243, 1269, 1272, 1281, 1311, 1319, 1336, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**| IO, AEIO, & HIO-390 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 222D, 225B, 238, 240W, 271A, 301B, 342G, 357, **369R**, 388C, 398B, 401A, 406A, 439A, 472, 475C, 480F, 533C, 569A, 581A, 582A, 583A, 584B, 592, 595, 603, 621B, 622, 623, 630A, 632B.

INACTIVE SERVICE BULLETINS:

348, 602, 615, 617

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L162B, L171, L172C, L173C, L180B, L181, L192B, L193, L195, L197A, L200, L203, L206A, L209A, L216, L220C, L221C, L223, L226, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L199, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1009BC, **1011N**, **1012K**, 1014M, 1029D, 1037U, **1042AG**, 1043A, 1047B, 1059E, **1070AA**, 1076, 1080C, 1092A, 1094D, **1098P**, 1111, 1121, 1123D, 1125D, 1129D, 1130, 1132B, 1135A, 1139, 1141A, 1142B, 1143C, 1152A, **1154V**, 1157, 1164B, 1172C, 1173, 1181, 1191A, 1193A, 1197A, 1200A, 1204D, 1240C, 1241C, 1256F, 1266, 1267D, 1274B, 1275C, 1278, 1285F, 1301, 1304J, 1307B, 1324C, 1334A, 1354B, 1378, 1380, 1404A, 1409C, 1414B, 1418, 1424A, 1425A, 1427C, 1435, 1437, 1443Q, 1447B, 1457A, 1458G, 1464, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1514D, 1515, 1518, 1519A, 1528, 1530, 1532K, **1533D**, 1534, 1535, 1543, 1546, 1549, 1565A, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1106, 1243, 1311, 1374, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**O-435 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 222D, 238, 240W, 297A, 301B, 357, 366C, **369R**, 388C, 398B, 401A, 439A, 466, 475C, 480F, 533C, 582A, 583A, 584B, 592, 595, 623, 630A, 632B.

INACTIVE SERVICE BULLETINS:

124, 125, 130, 141, 148, 151, 154, 155, 161, 167, 172, 175I, 177, 179, 186, 194, 197, 198, 200, 202, 205, 207, 211, 214, 218, 226, 229, 237, 242, 243, 244, 250, 256, 267, 268, 277, 286, 299, 309, 360.

-----

ACTIVE SERVICE LETTERS:

L114BF, L132, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L186, L188, L190, L192B, L193, L195, L197A, L200, L203, L206A, L209A, L214A, L216, L220C, L221C, L222, L223, L226, L228, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L108, L110, L112, L117, L118, L119, L120, L121, L122, L127, L129, L130, L131, L134, L135, L136, L145, L151, L153, L160, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, **L227**, L230, L264, L267, L270, L271.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1025, 1029D, 1037U, **1042AG**, 1043A, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, **1098P**, 1111, 1112E, 1121, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1136A, 1139, 1141A, 1148C, **1154V**, 1172C, 1173, 1176, 1181, 1191A, 1193A, 1197A, 1205, 1240C, 1241C, 1256F, 1265A, 1278, 1285F, 1301B, 1304J, 1324C, 1334A, 1340A, 1377, 1409C, 1418, 1424A, 1425A, 1427C, 1435, 1437, 1447B, 1454A, 1458G, 1462A, 1464, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1015, 1017, 1018, 1021, 1022, 1023, 1035, 1038, 1041, 1052, 1054, 1073, 1081, 1088, 1091, 1097, 1106, 1124, 1134, 1147, 1150, 1163, 1175, 1233, 1243, 1311, 1319, 1336, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**GO-435 Series**

ACTIVE SERVICE BULLETINS:

113, 178A, 183A, 212B, 222D, 225B, 235A, 238, 240W, 245D, 246, 247, 297A, 301B, 319B, 343B, 357, **369R**, 388C, 398B, 401A, 406A, 425C, 439A, 464A, 496, 508, 515, 516A, 528, 529B, 533C, 539A, 576, 582A, 583A, 584B, 592, 595, 623, 628, 630A, 632B.

INACTIVE SERVICE BULLETINS:

124, 125, 130, 139, 144, 145, 147, 148, 149, 151, 154, 155, 156, 157, 161, 163, 164, 166, 167, 168, 170, 173, 175I, 177, 179, 180, 182, 184, 188, 191, 194, 197, 198, 199, 202, 205, 207, 208, 211, 214, 218, 221, 223, 226, 228, 229, 231, 236, 237, 242, 243, 244, 248, 249, 250, 254, 257, 260, 266, 267, 268, 277, 286, 290, 299.

-----

ACTIVE SERVICE LETTERS:

L109, L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L186, L188, L190, L192B, L193, L195, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L221C, L222, L223, L226, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L262, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L106, L108, L110, L112, L116, L117, L119, L120, L121, L122, L125, L127, L129, L130, L131, L134, L135, L136, L145, L149, L151, L153, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, L217, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, 1011N, **1012K**, 1014M, 1025, 1029D, 1037U, **1042AG**, 1043A, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, 1108C, 1112E, 1113A, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1139, 1142B, 1143C, 1148C, 1152A, **1154V**, 1156A, 1173, 1181, 1191A, 1193A, 1205, 1209B, 1210B, 1236A, 1240C, 1241C, 1256F, 1267D, 1282, 1284A, 1285F, 1296, 1301B, 1304J, 1314, 1327, 1334A, 1340A, 1347, 1356, 1377, 1380, 1382, 1404A, 1409C, 1418, 1420A, 1424A, 1425A, 1427C, 1433, 1446, 1458G, 1464, 1470, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1558, 1559, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1015, 1017, 1018, 1019, 1021, 1022, 1023, 1033, 1038, 1041, 1054, 1058, 1074, 1081, 1088, 1091, 1096, 1097, 1099, 1106, 1114, 1119, 1150, 1153, 1163, 1175, 1183, 1243, 1311, 1336, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**VO & TVO-435 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 212B, 222D, 225B, 235A, 238, 240W, 297A, 301B, 310, 313B, 314C, 330B, 343B, 345, 357, 361, 366C, **369R**, 388C, 391A, 398B, 401A, 439A, 464A, 474, 480F, 483, 507, 508, 515, 516A, 528, 533C, 576, 582A, 583A, 584B, 591A, 592, 595, 598A, 623, 630A, 632B.

INACTIVE SERVICE BULLETINS:

125, 147, 148, 161, 167, 175, 179, 187, 194, 197, 198, 202, 205, 207, 211, 214, 217, 218, 220, 223, 226, 227, 228, 229, 230, 236, 237, 242, 243, 244, 250, 251, 252, 261, 267, 268, 269, 277, 278, 283, 286, 294, 299, 309, 312, 316, 323, 346, 348, 360, 495.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L184A, L185B, L186, L188, L189, L190, L192B, L193, L195, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L221C, L222, L223, L226, **L227A**, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L018, L110, L112, L116, L117, L119, L120, L121, L122, L123 L125, L127, L129, L130, L131, L134, L135, L136, L140, L143, L144, L145, L151, L152, L153, L155, L164, L169, L170, L175, L176, L179, L187, L191, L199, L201, L205, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1025, 1029D, 1037U, **1042AG**, 1043A, 1044, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, 1112E, 1113A, 1116C, 1118A, 1122A, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1139, 1144, 1148C, **1154V**, 1157, 1161, 1169C, 1171, 1173, 1181, 1191A, 1193A, 1200A, 1203, 1204C, 1205, 1208, 1209B, 1214A, 1223, 1224, 1237A, 1238B, 1239, 1240C, 1241C, 1253, 1256F, 1259, 1264, 1265A, 1266, 1267D, 1274B, 1276, 1282, 1284A, 1285F, 1287, 1288, 1300, 1301B, 1304J, 1314, 1320, 1327, 1334A, 1347, 1365, 1375, 1377, 1382, 1409C, 1416, 1418, 1424A, 1425A, 1430, 1433, 1458G, 1462A, 1464, 1470, 1472, 1481B, 1483A, 1484C, 1487, 1492D, 1503, 1505, 1509, 1512, 1515, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1558, 1562, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1000, 1013, 1015, 1017, 1019, 1021, 1022, 1023, 1038, 1039, 1041, 1046, 1048, 1054, 1055, 1065, 1067, 1074, 1081, 1088, 1089, 1090, 1091, 1096, 1097, 1106, 1124, 1146, 1150, 1153, 1160, 1163, 1174, 1175, 1183, 1198, 1229, 1243, 1311, 1336, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**GO-480 Series**

ACTIVE SERVICE BULLETINS:

113, 178A, 183A, 212B, 213A, 222D, 225B, 235A, 238, 240W, 245D, 247, 271A, 301B, 319B, 340, 341, 343B, 357, 367F, **369R**, 373, 388C, 398B, 401A, 425C, 439A, 458, 464A, 496, 508, 515, 516A, 527C, 529B, 533C, 539A, 576, 582A, 583A, 584B, 592, 595, 623, 628, 630A, 632B.

INACTIVE SERVICE BULLETINS:

125, 147, 148, 153, 161, 167, 175, 177, 179, 181, 182, 184, 187, 188, 189, 191, 194, 197, 198, 199, 202, 205, 207, 208, 209, 211, 214, 215, 216, 218, 221, 223, 226, 227, 228, 229, 230, 231, 232, 233, 236, 239, 241, 242, 243, 244, 248, 249, 250, 251, 252, 254, 255, 257, 260, 267, 268, 269, 270, 277, 278, 290, 348, 360.

-----

ACTIVE SERVICE LETTERS:

L109, L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L188, L189, L190, L192B, L193, L195, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L221C, L222, L223, L226, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L107, L108, L110, L112, L116, L117, L119, L120, L121, L122, L125, L127, L131, L134, L135, L136, L145, L149, L151, L153, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, L217, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1020B, 1025, 1029D, 1037U, **1042AG**, 1043A, 1044, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, 1108C, 1112E, 1113A, 1118A, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1139, 1142B, 1143C, 1152A, 1154V, 1156A, 1169C, 1171, 1173, 1181, 1182A, 1191A, 1193A, 1200A, 1203, 1205, 1208, 1209B, 1210B, 1225D, 1226, 1228A, 1236A, 1237A, 1240C, 1241C, 1251, 1256F, 1260, 1266, 1267D, 1276, 1282, 1284A, 1285F, 1296, 1301B, 1304J, 1314, 1327, 1332, 1334A, 1340A, 1347, 1356, 1377, 1380, 1382, 1400, 1404A, 1409C, 1418, 1424A, 1425A, 1427C, 1430, 1433, 1458G, 1464, 1470, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1515, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1559, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1005, 1013, 1015, 1017, 1018, 1019, 1023, 1027, 1028, 1030, 1033, 1038, 1041, 1054, 1055, 1058, 1074, 1081, 1083, 1096, 1097, 1099, 1106, 1114, 1117, 1119, 1124, 1150, 1153, 1163, 1183, 1243, 1311, 1450, 1526, **1529**.



**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**GSO-480 Series**

ACTIVE SERVICE BULLETINS:

113, 178A, 183A, 212B, 222D, 225B, 235A, 238, 240W, 245D, 271A, 301B, 319B, 340, 341, 343B, 357, **369R**, 373, 388C, 398B, 401A, 425C, 439A, 458, 464A, 508, 515, 516A, 527C, 533C, 576, 582A, 583A, 584B, 592, 595, 623, 630A, 632B.

INACTIVE SERVICE BULLETINS:

125, 147, 148, 161, 167, 175, 179, 187, 194, 197, 198, 199, 202, 205, 206, 207, 208, 209, 210, 211, 214, 215, 218, 223, 224, 226, 227, 228, 229, 230, 231, 232, 233, 236, 239, 241, 242, 243, 244, 248, 249, 250, 251, 252, 254, 255, 260, 267, 268, 269, 270, 277, 278, 290, 294, 348, 360.

-----

ACTIVE SERVICE LETTERS:

L109, L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L186, L188, L190, L192B, L193, L195, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L221C, L222, L223, L226, L229B, , L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L107, L108, L110, L112, L116, L117, L119, L120, L121, L122, L125, L127, L131, L134, L135, L136, L139, L145, L149, L151, L153, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, L217, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1020B, 1025, 1029D, 1032H, 1037U, **1042AG**, 1043A, 1044, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1084A, 1092A, 1094D, 1108C, 1112E, 1113A, 1118A, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1139, 1142B, 1143C, 1145, 1152A, **1154V**, 1156A, 1169C, 1171, 1173, 1181, 1191A, 1193A, 1200A, 1205, 1208, 1209B, 1210B, 1225D, 1226, 1228A, 1236A, 1240C, 1241C, 1256F, 1257G, 1260, 1267D, 1274B, 1276, 1282, 1284A, 1285F, 1296, 1301B, 1304J, 1314, 1327, 1329A, 1332, 1334A, 1340A, 1347, 1351, 1356, 1377, 1380, 1382, 1400, 1404A, 1409C, 1418, 1424A, 1425A, 1427C, 1430, 1433, 1458G, 1464, 1470, 1472, 1481B, 1483A, 1484C, 1485C, 1487, 1492D, 1505, 1509, 1512, 1528, 1530, 1533D, 1534, 1535, 1543, 1546, 1549, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1004, 1005, 1013, 1015, 1017, 1019, 1023, 1027, 1028, 1030, 1033, 1038, 1041, 1054, 1055, 1058, 1074, 1081, 1083, 1096, 1097, 1099, 1101, 1106, 1114, 1117, 1124, 1150, 1153, 1163, 1201, 1243, 1311, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**IGO & IGSO-480 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 212B, 222D, 225B, 235A, 238, 240W, 245D, 271A, 301B, 314C, 319B, 340, 341, 342G, 343B, 357, 367F, **369R**, 373, 382, 388C, 398B, 401A, 425C, 431, 439A, 442, 444A, 458, 464A, 509, 527C, 529B, 533C, 581A, 582A, 583A, 584B, 592, 595, 623, 630A, 632B.

INACTIVE SERVICE BULLETINS:

125, 148, 161, 167, 175, 179, 194, 197, 198, 202, 205, 207, 211, 214, 218, 224, 226, 227, 228, 242, 243, 244, 248, 249, 250, 254, 255, 260, 263, 267, 268, 269, 270, 277, 278, 290, 294, 348, 360.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L150T, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L188, L190, L192B, L193, L195, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L221C, L222, L223, L226, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L107, L108, L110, L112, L116, L117, L119, L120, L121, L122, L124, L125, L127, L131, L134, L135, L136, L145, L149, L151, L153, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, L217, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1020B, 1025, 1029D, 1032H, 1037U, **1042AG**, 1043A, 1044, 1047B, 1059E, **1060T**, 1062, **1070AA**, 1076, 1080C, 1084A, 1092A, 1094D, 1108C, 1112E, 1113A, 1118A, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1139, 1142B, 1143C, 1145, 1152A, **1154V**, 1156A, 1169C, 1171, 1173, 1181, 1191A, 1193A, 1200A, 1205, 1209B, 1210B, 1225D, 1226, 1228A, 1236A, 1240C, 1241C, 1256F, 1257G, 1260, 1267D, 1274B, 1275C, 1276, 1282, 1284A, 1285F, 1296, 1301B, 1304J, 1329A, 1332, 1334A, 1340A, 1347, 1351, 1356, 1377, 1378, 1380, 1382, 1400, 1404A, 1407, 1409C, 1414B, 1418, 1424A, 1425A, 1427C, 1430, 1433, 1458G, 1464, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1518, 1519A, 1520, 1521, 1522, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1004, 1005, 1013, 1015, 1017, 1019, 1023, 1027, 1028, 1030, 1033, 1038, 1041, 1054, 1055, 1056, 1058, 1074, 1081, 1083, 1085, 1096, 1097, 1099, 1101, 1106, 1114, 1115, 1124, 1150, 1153, 1163, 1183, 1188, 1194, 1195, 1201, 1243, 1311, 1336, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**O, IO, AEIO, TIO, LTIO-540 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 222D, 225B, 235A, 238, 240W, 271A, 273A, 276, 297A, 301B, 305B, 307, 308B, 311, 330B, 331, 340, 341, 342G, 343B, 347, 356, 357, 361, 366C, 367F, **369R**, 370, 372B, 373, 374, 377, 382, 388C, 389, 392B, 398B, 399A, 400, 401A, 403, 404, 406A, 410, 414, 415A, 416A, 417A, 421, 425C, 427A, 428, 430, 433A, 436, 437, 438A, 439A, 440, 441, 442, 444A, 445, 448A, 450, 452A, 458, 459, 460, 461, 463, 464A, 466, 467, 468C, 469, 470, 472, 474, 475C, 477A, 478A, 480F, 482, 483, 484, 486, 487, 489A, 490A, 491A, 492A, 494, 496, 497, 499C, 500A, 501B, 502, 503, 506, 508, 510, 511, 514, 515, 516A, 517, 518D, 519, 520, 521, 523, 524, 525A, 526, 527C, 528, 529B, 531C, 532, 533C, 534, 536, 537, 538A, 539A, 540, 541, 543C, 544B, 545A, 547, 548, 552, 553, 554, 555A, 556, 557, 558, 559, 561, 563,565, 566, 568, 569A, 571, 573, 574A, 576, 577A, 578, 579, 580, 581A, 582A, 583A, 584B, 590A, 591A, 592, 593B, 594, 595, 596, 597, 598A, 599, 601, 603, 604, 606, 608, 613, 614A, 621B, 623, 624, 625, 626A, 627E, 628, 630A, 632B, 633, 634.

INACTIVE SERVICE BULLETINS:

125, 161, 167, 175I, 179, 186, 194, 197, 198, 202, 205, 207, 208, 211, 214, 218, 226, 228, 236, 237, 242, 243, 244, 248, 250, 254, 256, 262, 264, 265, 267, 268, 274, 275, 277, 278, 279, 280, 281, 285, 286, 288, 295, 298, 299, 309, 312, 317, 320, 321, 322, 323, 335, 339, 355, 348, 360, 381, 385, 456, 495, 512, 550, 602, 615, 617.

-----  
ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L173C, L180B, L181, L182, L183, L184A, L185B, L186, L188, L189, L190, L192B, L193, L195, L197A, L200, L202B, L203, L206A, L207, L208, L209A, L214A, L216, L218, L220C, L221C, L222, L223, L226, L228, L229B, L231, L232, L233, L234B, L235A, L237, L239, L240A, L242, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L263, L264A, L267, L270, L271, L272A, L273, L275A.

INACTIVE SERVICE LETTERS:

L101, L102, L103, L104, L105, L108, L110, L111, L112, L113, L115, L116, L117, L118, L119, L120, L121, L122, L127, L128, L129, L130, L131, L134, L135, L136, L140, L145, L149, L151, L153, L157, L160, L164, L169, L170, L175, L176, L178, L179, L187, L191, L199, L201, L205, L217, **L227**, L230, L244.

-----  
ACTIVE SERVICE INSTRUCTIONS:

1002, 1008C, 1009BC, **1011N**, **1012K**, 1014M, 1016C, 1020B, 1029D, 1037U, **1042AG**, 1043, 1047B, 1059E, **1060T**, **1070AA**, 1075A, 1076, 1080C, 1092A, 1094D, **1098P**, 1110C, 1111, 1112E, 1113A, 1121, 1122A, 1123D, 1125D, 1126, 1129D, 1130, 1132B, 1135A, 1136A, 1139, 1140, 1141A, 1142B, 1143C, 1148C, 1152A, **1154V**, 1157, 1164B, 1166A, 1168B, 1172C, 1173, 1176, 1177B, 1181, 1185, 1186, 1187J, 1190, 1191A, 1193A, 1197A, 1200A, 1204C, 1205, 1206, 1213, 1215, 1218A, 1221A, 1223, 1225D, 1226, 1228A, 1230B, 1237A, 1238B, 1240C, 1241C, 1244, 1249, 1253, 1254, 1255A, 1256F, 1257G, 1260, 1262A, 1265A, 1266, 1267D, 1270A, 1274B, 1275C, 1276, 1277A, 1278, 1279C, 1282, 1283A, 1284A, 1285F, 1286B, 1290F, 1291, 1298, 1299B, 1301B, 1302A, 1304J, 1306A, 1307B, 1308E, 1309, 1310A, 1314, 1316A, 1320, 1324C, 1327, 1332, 1334A, 1335, 1338, 1340A, 1341, 1342, 1343C, 1347, 1354B, 1355, 1359, 1365, 1367, 1370, 1373, 1375, 1377, 1378, 1379, 1380, 1382, 1384A, 1391, 1396, 1397A, 1398A, 1400, 1404A, 1408C, 1409C, 1410, 1413, 1414B, 1416, 1417, 1418, 1420A, 1422A, 1423A, 1424A, 1425A, 1427C, 1430, 1431, 1432A, 1433, 1435, 1437, 1438A, 1439, 1442A, 1443Q, 1446, 1447B, 1448, 1451A, 1453B, 1454A, 1457A, 1458G, 1461, 1462A, 1463, 1464, 1467, 1468A, 1469, 1470, 1471, 1472, 1473, 1474, 1479A, 1481B, 1483A, 1484C, 1485A, 1486A, 1487, 1492D, 1494, 1495, 1500, 1505, 1509, 1512, 1513, 1514D, 1515, 1517, 1518, 1519A, 1520, 1521, 1522, 1523G, 1525, , 1528, 1530, 1531, 1532K, **1533D**,1534, 1535, 1539, 1543, 1546, 1549, 1554, 1559, 1560, 1562, 1565A,1566, 1570, **1571**.

INACTIVE SERVICE INSTRUCTIONS:

1010, 1015, 1017, 1018, 1019, 1021, 1022, 1023, 1024, 1030, 1031, 1035, 1038, 1041, 1049, 1050, 1051, 1052, 1054, 1055, 1057, 1063, 1073, 1074, 1081, 1086, 1088, 1091, 1093, 1096, 1097, 1099, 1104, 1106, 1107, 1119, 1124, 1127, 1134, 1137, 1147, 1150, 1153, 1160, 1163, 1175, 1178, 1179, 1184, 1199, 1202, 1207, 1233, 1243, 1272, 1303, 1311, 1319, 1336, 1374, 1450, 1526, 1553, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**IGO-540 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 212B, 222D, 225B, 238, 240W, 245D, 271A, 301B, 319B, 326A, 340, 341, 342G, 343B, 351B, 357, 367F, **369R**, 373, 382, 388C, 398B, 401A, 425C, 439A, 442, 444A, 458, 527C, 529B, 533C, 581A, 582A, 583A, 584B, 592, 595, 623, 630A, 632B, 634.

INACTIVE SERVICE BULLETINS:

125, 179, 194, 197, 198, 202, 205, 207, 211, 214, 218, 226, 228, 243, 244, 249, 250, 260, 267, 268, 270, 277, 278, 279, 288, 290, 348, 360.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L188, L189, L190, L192B, L193, L195, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L221C, L222, L223, L226, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L108, L110, L112, L116, L117, L119, L120, L121, L122, L127, L131, L134, L135, L136, L138, L145, L149, L151, L153, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, L217, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1025, 1029D, 1037U, **1042AG**, 1043A, 1044, 1047B, 1059E, **1060T**, **1070AA**, 1075A, 1076, 1080C, 1092A, 1094D, 1108C, 1112E, 1113A, 1118A, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1139, 1142B, 1143C, 1152A, **1154V**, 1156A, 1158, 1169C, 1173, 1181, 1191A, 1193A, 1203, 1205, 1209B, 1210B, 1215, 1226, 1227, 1228A, 1236A, 1240C, 1241C, 1256F, 1260, 1266, 1268C, 1274B, 1275C, 1276, 1280C, 1282, 1284A, 1285F, 1296, 1301B, 1304J, 1323A, 1327, 1332, 1334A, 1340A, 1342, 1347, 1356, 1365, 1375, 1377, 1378, 1380, 1382, 1394, 1400, 1404A, 1409C, 1414B, 1418, 1423A, 1424A, 1425A, 1427C, 1430, 1433, 1458G, 1464, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1518, 1519A, 1520, 1521, 1522, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1565A, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1015, 1017, 1019, 1023, 1024, 1030, 1033, 1038, 1041, 1045, 1054, 1055, 1056, 1058, 1064, 1071, 1074, 1081, 1086, 1096, 1097, 1099, 1101, 1102, 1106, 1114, 1124, 1150, 1153, 1163, 1184, 1195, 1243, 1311, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**IGSO-540 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 212B, 222D, 238, 240W, 245D, 271A, 301B, 319B, 326A, 327C, 333, 340, 341, 342G, 343B, 351B, 357, 367F, **369R**, 373, 388C, 398B, 401A, 425C, 431, 439A, 444A, 458, 501B, 509, 515, 517, 527C, 528, 533C, 582A, 583A, 584B, 592, 595, 623, 630A, 632B, 634.

INACTIVE SERVICE BULLETINS:

125, 179, 194, 197, 198, 202, 205, 207, 211, 214, 218, 226, 228, 243, 244, 248, 249, 250, 260, 267, 268, 270, 277, 278, 282, 284, 287, 290, 294, 312, 315, 322, 360.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L150T, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L188, L190, L192B, L193, L195, L197A, L200, L203, L206A, L209A, L214A, L216, L221C, L222, L223, L226, L228, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L108, L110, L112, L117, L119, L120, L121, L122, L127, L131, L134, L135, L136, L137, L139, L145, L146, L149, L151, L153, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, L217, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1025, 1026, 1029D, 1032H, 1037U, **1042AG**, 1043A, 1044, 1047B, 1059E, **1060T**, 1069A, **1070AA**, 1075A, 1076, 1079B, 1080C, 1092A, 1094D, 1108C, 1109, 1112E, 1113A, 1118A, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1139, 1142B, 1143C, 1152A, **1154V**, 1156A, 1158, 1159, 1169C, 1173, 1181, 1191A, 1193A, 1196, 1205, 1209B, 1210B, 1215, 1226, 1227, 1228A, 1236A, 1240C, 1241C, 1256F, 1257G, 1260, 1262A, 1267D, 1268C, 1274B, 1275C, 1276, 1280C, 1282, 1284A, 1285F, 1295, 1296, 1301B, 1302A, 1304J, 1307B, 1323A, 1327, 1329A, 1332, 1334A, 1340A, 1342, 1347, 1351, 1356, 1365, 1375, 1377, 1378, 1380, 1382, 1394, 1400, 1404A, 1407, 1409C, 1414B, 1418, 1424A, 1425A, 1427C, 1433, 1454A, 1458G, 1464, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1528, 1530, **1533D**, 1534, 1535, 154, 1546, 1549, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1015, 1017, 1019, 1023, 1024, 1030, 1033, 1038, 1041, 1045, 1054, 1055, 1056, 1058, 1064, 1066, 1071, 1081, 1082, 1083, 1085, 1087, 1097, 1099, 1100, 1101, 1102, 1103, 1106, 1114, 1115, 1124, 1150, 1163, 1184, 1188, 1194, 1195, 1222, 1243, 1311, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**TEO-540 Series**

ACTIVE SERVICE BULLETINS:

201F, 225B, 238, 240W, 301B, 357, 369B, 388C, 398B, 399A, 401A, 475C, 480F, 505B, 530B, 533C, 592.

INACTIVE SERVICE BULLETINS:

-----  
ACTIVE SERVICE LETTERS:

L114BF, L159D, L162B, L171, L172C, L180B, L192B, L193, L195, L197A, L200, L203, L206A, L209A, L223, L234B, L239, L246, L247J, L250A, L253C, L267, L270, L271, L272A.

INACTIVE SERVICE LETTERS:

-----  
ACTIVE SERVICE INSTRUCTIONS:

1009BC, 1011N, 1012K, 1014M, 1029D, 1037U, 1042U, 1043A, 1047B, 1059E, 1060T, 1070AA, 1076, 1080C, 1098P, 1111, 1121, 1125D, 1129D, 1130, 1141A, 1142B, 1152A, 1154V, 1164B, 1172C, 1181, 1191A, 1193A, 1204D, 1238B, 1241C, 1255A, 1256F, 1267D, 1285F, 1290F, 1304J, 1316A, 1320, 1324C, 1340A, 1377, 1409C, 1420A, 1422A, 1424A, 1425A, 1427C, 1458G, 1462A, 1464, 1472, 1481B, 1483A, 1485A, 1487, 1492D, 1505, 1528, 1530, 1535, 1560, 1562, 1565A, 1566, 1573.

INACTIVE SERVICE INSTRUCTIONS:

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**VO-540 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 212B, 222D, 225B, 235A, 238, 240W, 245D, 271A, 301B, 303F, 310, 314C, 330B, 343B, 357, 366C, 367F, **369R**, 371B, 388C, 398B, 401A, 425C, 439A, 464A, 480F, 483, 501B, 508, 515, 516A, 527C, 533C, 576, 582A, 583A, 584B, 592, 595, 623, 630A, 632B, 634.

INACTIVE SERVICE BULLETINS:

125, 148, 161, 167, 175I, 179, 194, 197, 198, 202, 205, 207, 211, 214, 218, 226, 227, 228, 236, 242, 243, 244, 250, 261, 267, 268, 269, 277, 278, 283, 291, 292, 296, 309, 312, 323, 348, 360, 495.

-----

ACTIVE SERVICE LETTERS:

L109, L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L186, L188, L190, L192B, L193, L195, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L220C, L221C, L222, L223, L226, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L108, L110, L112, L116, L117, L119, L120, L121, L122, L123, L127, L129, L130, L131, L133, L134, L135, L136, L144, L145, L148, L149, L151, L153, L155, L164, L169, L170, L176, L179, L187, L191, L199, L201, L205, L217, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1020B, 1025, 1029D, 1037U, **1042AG**, 1043A, 1044, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, 1112E, 1113A, 1116C, 1118A, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1139, 1142B, 1144, 1148C, 1152A, **1154V**, 1167, 1169C, 1171, 1173, 1181, 1191A, 1193A, 1203, 1205, 1206, 1209B, 1225D, 1228A, 1240C, 1241C, 1256F, 1264, 1265A, 1267D, 1274B, 1280C, 1282, 1284A, 1285F, 1301B, 1304J, 1307B, 1314, 1327, 1334A, 1340A, 1347, 1351, 1365, 1375, 1377, 1382, 1404A, 1409C, 1418, 1420A, 1424A, 1425A, 1430, 1433, 1446, 1458G, 1462A, 1464, 1470, 1472, 1481B, 1483A, 1484C, 1487, 1492D, 1505, 1509, 1512, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1013, 1015, 1017, 1019, 1022, 1023, 1028, 1030, 1036, 1038, 1039, 1041, 1054, 1055, 1067, 1074, 1077, 1081, 1083, 1088, 1091, 1095, 1096, 1097, 1099, 1106, 1124, 1150, 1153, 1163, 1175, 1184, 1243, 1311, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**IVO, TVO, TIVO-540 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 212B, 222D, 225B, 235A, 238, 240W, 271A, 301B, 303F, 314C, 342G, 343B, 357, 361, **369R**, 371B, 382, 388C, 398B, 401A, 425C, 439A, 442, 474, 480F, 527C, 529B, 533C, 581A, 582A, 583A, 584B, 591A, 592, 595, 598A, 623, 630A, 632B, 634.

INACTIVE SERVICE BULLETINS:

125, 179, 194, 197, 198, 202, 205, 207, 211, 214, 218, 226, 228, 243, 244, 250, 267, 268, 277, 278, 322, 348, 360.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L184A, L185B, (TVO) L186, L188, L190, L192B, L193, L195, L197A, L200, L203, L206A, L207, L209A, L214A, L216, L220C, L221C, L222, L223, L226, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L108, L110, L112, L116, L117, L119, L120, L121, L122, L127, L131, L134, L135, L136, L140, L145, L149, L151, L153, L164, L168, L169, L170, L175, L176, L179, L187, L191, L199, L201, L205, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1020B, 1029D, 1037U, **1042AG**, 1043A, 1044, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, 1112E, 1113A, 1116C, 1122A, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1139, 1144, **1154V**, 1169C, 1173, 1181, 1191A, 1193A, 1200A, 1203, 1204C, 1205, 1209B, 1223, 1225D, 1228A, 1238B, 1240C, 1241C, 1256F, 1257G, 1267D, 1274B, 1275C, 1280C, 1282, 1284A, 1285F, 1301B, 1304J, 1307B, 1320, 1327, 1334A, 1340A, 1347, 1351, 1377, 1378, 1382, 1404A, 1409C, 1414B, 1418, 1424A, 1425A, 1433, 1458G, 1462A, 1464, 1472, 1481B, 1483A, 1484C, 1487, 1492D, 1505, 1509, 1512, 1518, 1519A, 1520, 1521, 1522, 1528, 1530, **1533D**, 1534, 1535, 1543 1546, 1549, 1562, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1015, 1017, 1019, 1023, 1038, 1041, 1046, 1054, 1055, 1065, 1074, 1077, 1081, 1083, 1089, 1096, 1097, 1106, 1124, 1146, 1150, 1153, 1163, 1184, 1199, 1243, 1311, 1450, 1526, **1529**.



**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**TIO-541 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 222D, 225B, 238, 240W, 301B, 318B, 329A, 334C, 337A, 340, 341, 342G, 343B, 344, 353A, 357, 361, 362A, 367F, **369R**, 373, 375A, 379, 383, 384, 387, 388C, 394, 397, 398B, 400, 401A, 425C, 430, 439A, 442, 445, 458, 466, 467, 471B, 472, 474, 479, 480F, 502, 515, 517, 518D, 527C, 528, 532, 533C, 543C, 557, 581A, 582A, 583A, 584B, 591A, 592, 593B, 594, 595, 598A, 623, 630A, 632B.

INACTIVE SERVICE BULLETINS:

125, 179, 194, 197, 202, 205, 207, 211, 214, 218, 226, 228, 243, 244, 250, 268, 277, 312, 322, 324, 325, 338, 348, 358, 360, 476.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L183, L184A, L185B, L188, L192B, L193, L195, L197A, L200, L203, L206A, L209A, L214A, L216, L220C, L221C, L222, L223, L226, L229B, L231, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L108, L110, L112, L117, L119, L120, L121, L122, L127, L131, L134, L135, L136, L140, L145, L149, L151, L153, L160, L164, L169, L170, L174, L175, L176, L178, L179, L187, L191, L199, L201, L205, L217, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1008C, 1009BC, **1011N**, **1012K**, 1014M, 1029D, 1037U, **1042AG**, 1043A, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, **1098P**, 1111, 1112E, 1113A, 1121, 1122A, 1123D, 1125D, 1126, 1129D, 1130, 1132B, 1135A, 1139, 1141A, 1142B, 1143C, 1152A, **1154V**, 1157, 1172C, 1173, 1177B, 1181, 1191A, 1192A, 1193A, 1197A, 1200A, 1204C, 1205, 1211D, 1221A, 1223, 1225D, 1226, 1231, 1234, 1238B, 1240C, 1241C, 1247, 1248B, 1255A, 1256F, 1257G, 1260, 1262A, 1267D, 1273A, 1274B, 1275C, 1276, 1278, 1282, 1284A, 1285F, 1290F, 1293, 1301B, 1302A, 1304J, 1307B, 1313A, 1315A, 1316A, 1320, 1324C, 1327, 1328, 1331A, 1332, 1334A, 1339A, 1340A, 1352A, 1354B, 1365, 1375, 1377, 1378, 1380, 1382, 1400, 1403, 1404A, 1409C, 1414B, 1416, 1418, 1422A, 1425A, 1427C, 1433, 1435, 1437, 1447B, 1453B, 1458G, 1464, 1469, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1519A, 1520, 1521, 1522, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1562, 1565A, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1015, 1017, 1019, 1023, 1038, 1041, 1050, 1054, 1073, 1081, 1088, 1089, 1097, 1099, 1106, 1124, 1134, 1150, 1163, 1184, 1233, 1235, 1243, 1297, 1311, 1319, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**TIGO-541 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 212B, 222D, 225B, 238, 240W, 245D, 301B, 318B, 337A, 340, 341, 342G, 343B, 344, 354, 357, 361, 362A, 367F, **369R**, 373, 375A, 384, 386, 387, 388C, 390A, 393C, 394, 395, 397, 398B, 400, 401A, 425C, 430, 439A, 442, 445, 458, 467, 471B, 472, 474, 480F, 496, 497, 500A, 502, 515, 517, 518D, 527C, 528, 529B, 532, 533C, 539A, 541, 543C, 582A, 583A, 584B, 591A, 592, 594, 595, 598A, 623, 628, 630A, 632B.

INACTIVE SERVICE BULLETINS:

125, 179, 194, 197, 202, 205, 207, 211, 214, 218, 226, 228, 243, 244, 250, 260, 268, 277, 322, 332, 348, 350, 360, 368, 378.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L183, L184A, L185B, L188, L189, L192B, L193, L195, L197A, L200, L203, L206A, L209A, L214A, L216, L221C, L222, L223, L226, L229B, L231, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L108, L110, L112, L117, L119, L120, L121, L122, L127, L131, L134, L135, L136, L140, L145, L149, L151, L153, L164, L169, L170, L175, L176, L178, L179, L187, L191, L199, L201, L205, L217, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1009BC, **1011N**, **1012K**, 1014M, 1029D, 1037U, **1042AG**, 1043A, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, 1112E, 1122A, 1123D, 1125D, 1126, 1130, 1132B, 1135A, 1139, 1142B, 1143C, 1152A, **1154V**, 1172C, 1173, 1181, 1191A, 1193A, 1200A, 1204C, 1205, 1211D, 1223, 1225D, 1226, 1231, 1232, 1234, 1237A, 1238B, 1240C, 1241C, 1242A, 1248B, 1250, 1255A, 1256F, 1257G, 1260, 1262A, 1266, 1267D, 1273A, 1274B, 1275C, 1276, 1282, 1284A, 1285F, 1290F, 1292A, 1301B, 1302A, 1304J, 1307B, 1312, 1313A, 1315A, 1316A, 1320, 1321, 1323A, 1326, 1327, 1330A, 1331A, 1332, 1334A, 1337A, 1339A, 1340A, 1344, 1365, 1375, 1377, 1378, 1380, 1382, 1400, 1404A, 1409C, 1414B, 1416, 1418, 1420A, 1422A, 1423A, 1425A, 1427C, 1433, 1446, 1453B, 1458G, 1464, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1559, 1562, 1565A, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1015, 1017, 1019, 1023, 1033, 1038, 1041, 1054, 1058, 1081, 1089, 1097, 1099, 1106, 1124, 1150, 1163, 1184, 1235, 1243, 1261, 1297, 1311, 1319, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**IO, AEIO-580 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 222D, 225B, 238, 240W, 271A, 301B, 342G, 357, **369R**, 388C, 398B, 401A, 406A, 439A, 472, 475C, 480F, 533C, 569A, 581A, 582A, 583A, 584B, 590A, 592, 593B, 595, 597, 603, 621B, 623, 626A, 625, 628, 630A, 632B.

INACTIVE SERVICE BULLETINS:

348, 615, 617

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L162B, L171, L172C, L173C, L180B, L181, L192B, L193, L195, L197A, L200, L203, L206A, L209A, L216, L220C, L221C, L223, L226, **L227A**, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L199, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1009BC, **1011N**, **1012K**, 1014M, 1029D, 1037U, **1042AG**, 1043A, 1047B, 1059E, **1070AA**, 1076, 1080C, 1092A, 1094D, 1111, 1121, 1123D, 1125D, 1129D, 1130, 1132B, 1135A, 1139, 1141A, 1142B, 1143C, 1152A, **1154V**, 1157, 1164B, 1172C, 1173, 1181, 1191A, 1193A, 1197A, 1200A, 1204D, 1240C, 1241C, 1256F, 1266, 1267D, 1274B, 1275C, 1278, 1279C, 1285F, 1301, 1304J, 1307B, 1324C, 1334A, 1343C, 1354B, 1378, 1380, 1404A, 1409C, 1414B, 1418, 1424A, 1425A, 1427C, 1435, 1437, 1443Q, 1447B, 1457A, 1458G, 1464, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1514D, 1515, 1518, 1519A, 1520, 1521, 1522, 1528, 1530, 1532K, **1533D**, 1534, 1535, 1543, 1546, 1549, 1559, 1560, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1106, 1243, 1311, 1336, 1374, 1450, 1526, **1529**.

**List of Service Bulletins, Letters, and Instructions  
Applicable to Each Engine Series**

**IO-720 Series**

ACTIVE SERVICE BULLETINS:

113, 183A, 201F, 212B, 222D, 225B, 238, 240W, 271A, 301B, 340, 341, 342G, 343B, 357, 367F, **369R**, 370, 373, 382, 388C, 398B, 401A, 406A, 410, 415A, 425C, 427A, 428, 433A, 437, 438A, 439A, 442, 445, 458, 461, 464A, 466, 472, 475C, 480F, 486, 496, 510, 515, 517, 518D, 520, 527C, 528, 529B, 532, 533C, 539A, 541, 543C, 555A, 557, 578, 581A, 582A, 583A, 584B, 590A, 592, 595, 596, 599, 601, 608, 623, 624, 628, 630A, 632B.

INACTIVE SERVICE BULLETINS:

125, 179, 194, 197, 198, 202, 205, 207, 211, 214, 218, 226, 243, 244, 250, 267, 268, 277, 322, 355, 360.

-----

ACTIVE SERVICE LETTERS:

L114BF, L142B, L147B, L154B, L159D, L161C, L162B, L171, L172C, L180B, L181, L182, L185B, L188, L189, L190, L192B, L193, L195, L197A, L200, L203, L206A, L209A, L214A, L216, L220C, L221C, L222, L223, L226, L229B, L232, L234B, L237, L239, L240A, L245, L246, L247J, L249, L250A, L251, L253C, L254, L255A, L258, L264A, L267, L270, L271, L272A, L273.

INACTIVE SERVICE LETTERS:

L102, L103, L108, L110, L112, L117, L119, L120, L121, L127, L131, L134, L135, L136, L145, L149, L151, L153, L157, L160, L164, L165, L166, L167, L169, L170, L176, L187, L199, L201, L205, L217, **L227**, L230.

-----

ACTIVE SERVICE INSTRUCTIONS:

1002, 1008C, 1009BC, **1011N**, **1012K**, 1014M, 1029D, 1037U, **1042AG**, 1043A, 1047B, 1059E, **1060T**, **1070AA**, 1076, 1080C, 1092A, 1094D, **1098P**, 1111, 1112E, 1113A, 1120, 1121, 1123D, 1125D, 1126, 1129D, 1130, 1132B, 1133, 1135A, 1138B, 1139, 1141A, 1142B, 1143C, 1152A, **1154V**, 1157, 1164B, 1170, 1172C, 1173, 1177B, 1181, 1191A, 1193A, 1197A, 1200A, 1204D, 1205, 1215, 1221A, 1225D, 1226, 1228A, 1237A, 1240C, 1241C, 1252C, 1255A, 1256F, 1260, 1266, 1267D, 1268C, 1270A, 1274B, 1275C, 1276, 1278, 1280C, 1282, 1283A, 1284A, 1285F, 1290F, 1298, 1301B, 1304J, 1307B, 1308E, 1310A, 1316A, 1324C, 1327, 1332, 1334A, 1340A, 1342, 1343C, 1347, 1354B, 1355, 1365, 1367, 1375, 1377, 1378, 1380, 1382, 1400, 1404A, 1409C, 1414B, 1417, 1418, 1420A, 1423A, 1424A, 1425A, 1427C, 1430, 1433, 1434, 1435, 1437, 1444, 1446, 1453B, 1457A, 1458G, 1464, 1469, 1472, 1481B, 1483A, 1484C, 1485A, 1487, 1492D, 1505, 1509, 1512, 1515, 1518, 1519A, , 1528, 1530, **1533D**, 1534, 1535, 1543, 1546, 1549, 1559, 1560, 1565A, 1566.

INACTIVE SERVICE INSTRUCTIONS:

1015, 1017, 1023, 1038, 1041, 1050, 1054, 1073, 1081, 1088, 1097, 1099, 1106, 1124, 1128, 1134, 1150, 1163, 1165, 1179, 1184, 1233, 1243, 1303, 1311, 1319, 1336, 1450, 1526, **1529**.

## List of Supersedures

Obsolete Document	Document Superseded by			
	Service Bulletin	Service Instruction	Service Letter	Other
Service Bulletin No. 148		S.I. 1025		
Service Bulletin No. 161		S.I. 1009		
Service Bulletin No. 167		S.I. 1037		
Service Bulletin No. 175		S.I. 1092		
Service Bulletin No. 179		S.I. 1054		
Service Bulletin No. 187		S.I. 1169		
Service Bulletin No. 195		S.I. 1098		
Service Bulletin No. 197		S.I. 1014		
Service Bulletin No. 199		S.I. 1241		
Service Bulletin No. 207		S.I. 1059		
Service Bulletin No. 208		S.I. 1012		
Service Bulletin No. 209		S.I. 1029		
Service Bulletin No. 211	S.B. 212C			
Service Bulletin No. 218		S.I. 1080		
Service Bulletin No. 219	S.B. 253			
Service Bulletin No. 224		S.I. 1032		
Service Bulletin No. 231		S.I. 1156		
Service Bulletin No. 242		S.I. 1124		
Service Bulletin No. 243		S.I. 1060		
Service Bulletin No. 248		S.I. 1142		
Service Bulletin No. 251		S.I. 1208		
Service Bulletin No. 256		S.I. 1035		
Service Bulletin No. 261		S.I. 1180		
Service Bulletin No. 267		S.I. 1011		
Service Bulletin No. 269		S.I. 1171		
Service Bulletin No. 270		S.I. 1135		
Service Bulletin No. 279		S.I. 1275		
Service Bulletin No. 282		S.I. 1109		
Service Bulletin No. 335	S.B. 342			
Service Bulletin No. 346	S.B. 391			
Service Bulletin No. 368	S.B. 393			
Service Bulletin No. 369J	S.B. 369K and 592			
Service Bulletin No. 378	S.B. 393			
Service Bulletin No. 381	S.B. 524			
Service Bulletin No. 385	S.B. 524			
Service Bulletin No. 396		S.I. 1350		
Service Bulletin No. 413	S.B. 424			
Service Bulletin No. 454	S.B. 524			
Service Bulletin No. 455	S.B. 524			
Service Bulletin No. 456	S.B. 524			
Service Bulletin No. 476	S.B. 479			
Service Bulletin No. 495	S.B. 582A			
Service Bulletin No. 512	S.B. 521			
Service Bulletin No. 550	S.B. 552			
Service Bulletin No. 602		S.I. 1098P		
Service Bulletin No. 615	S.B. 621			
Service Bulletin No. 617	S.B. 621			
Service Letter 11-18-57		S.I. 1193		
Service Letter No. L103		S.I. 1070		
Service Letter No. L129		S.I. 1148		
Service Letter No. L131			S.L. L114	
Service Letter No. L135		S.I. 1181		
Service Letter No. L157		S.I. 1319		
Service Letter No. L160		S.I. 1129C		

## List of Supersedures

Obsolete Document	Document Superseded by			
	Service Bulletin	Service Instruction	Service Letter	Other
Service Letter No. L163	S.B. 533			
Service Letter No. L164		S.I. 1304		
Service Letter No. L169		S.I. 1070		
Service Letter No. L178		S.I. 1319		
Service Letter No. L179				Current Warranty Policy
Service Letter No. L191				Current Warranty Policy
Service Letter No. L194				Current Warranty Policy
Service Letter No. L199		S.I. 1070R		
Service Letter No. L201		S.I. 1009		
Service Letter No. L205				Current Warranty Policy
Service Letter No. L217		S.I. 1143C		
Service Letter No. L227			S.L. L114AP	
Service Letter No. L244	S.B. 569A (Sup No 1)			
Service Instruction No. 1013		S.I. 1169		
Service Instruction No. 1023	S.B. 369			
Service Instruction No. 1031		S.I. 1037		
Service Instruction No. 1052		S.I. 1154		
Service Instruction No. 1054			S.L. L159	
Service Instruction No. 1065		S.I. 1204		
Service Instruction No. 1081	S.B. 439			
Service Instruction No. 1088	S.B. 388			
Service Instruction No. 1097		S.I. 1029		
Service Instruction No. 1104	S.B. 311			
Service Instruction No. 1106		S.I. 1458G		
Service Instruction No. 1114		S.I. 1236		
Service Instruction No. 1124		S.I. 1427B		
Service Instruction No. 1127	S.B. 305			
Service Instruction No. 1179	S.B. 475			
Service Instruction No. 1184	S.B. 439			
Service Instruction No. 1201		S.I. 1084		
Service Instruction No. 1229	S.B. 391			
Service Instruction No. 1233		S.I. 1324		
Service Instruction No. 1243		S.I. 1037		
Service Instruction No. 1235	S.B. 337			
Service Instruction No. 1269	S.B. 376			
Service Instruction No. 1272	S.B. 381			
Service Instruction No. 1281	S.B. 376			
Service Instruction No. 1303		S.I. 1324		
Service Instruction No. 1311		S.I. 1458G		
Service Instruction No. 1318		S.I. 1458G		
Service Instruction No. 1319				SSP-885
Service Instruction No. 1336		S.I. 1011J		
Service Instruction No. 1350				PC-206 Rev. 4
Service Instruction No. 1358	S.B. 420			
Service Instruction No. 1374		S.I. 1443G		
Service Instruction No. 1450		S.I. 1458G		
Service Instruction No. 1526		S.I. 1037		
Service Instruction No. 1529		S.I. 1011L		

## List of Inactive Lycoming Service Letters

S.L. No.	Description
All Service Letters up to L101 are considered obsolete.	
L101	Recommending Lubricant for Starters, Delco-Remy Bulletin No. DR-7719
L102	Rapid Leak-Down Hydraulic Tappet Plunger Assemblies
L103	Aviation Fuels for Lycoming Engines (See S.I. No. 1070)
L104	Delco-Remy Bulletin No. DR-1023
L105	Oil Level Gage Extension
L106	Leece-Neville E-7A Generator Installed in GO-435-C2 Aircraft Engines
L107	Installation of Accessory Housing Breather Assembly
L108	Replacement of Piston Pin Plugs
L110	Replacement of Generator Brushes
L111	Recommended Starting Procedure
L112	Manual Mixture Control Leaning Procedure for Normally Aspirated Engines
L113	Propeller Flange Bushings (See S.I. No. 1098)
L115	Delco-Remy Bulletin No. DR-7730
L116	Scintilla Bulletin No. 434A
L117	Installation of Cylinder Head Temperature Gage Thermocouples
L118	Connecting Rods for Service Use
L119	Valve Seat Replacement
L120	Power Charts
L121	Corrosion Prevention in New Engines (See S.L. No. L180)
L122	Approval of Tungsten Breaker Assemblies
L123	Improved Engine Starting by Installation of Dual Breaker Magneto and Vibrator Coils
L124	Replacement of Solenoid Valve Assemblies
L125	Replacement of Intake Valves at Overhaul
L126	Conversion to Low Compression Engine (See S.I. No. 1070)
L127	Clarification of Overhaul Extension Periods (See S.L. No. L201A)
L128	Higher Ratio Starter
L129	Proper Use of Carburetor Heat Control (See S.I. No. 1148)
L130	Marvel-Schebler Bulletin No. 5-60
L131	Subscription Policy for Service Publications (See latest revision of S.L. No. L114)
L133	Modification to Increase Overall Performance VO-540 Aircraft Engines
L134	Current Production Engines Incorporating Retard Breaker Magnetos
L135	Color Code on Cylinders for Lycoming Engines
L136	Identification of Valve Springs
L137	Conduit Type Ignition Harness
L138	Overhaul and Maintenance Instructions for Ignition Harness
L139	Removal of Supercharger Bearing Thermocouple Supercharged Engines
L140	Approved Turbocharger Repair and Overhaul Facilities
L141	Warranty Claims and Service on Engines with Alternator, Voltage Regulator and Associated Parts
L143	Modification of Carburetor to Eliminate Roughness at High Altitude
L144	Modifications to Improve Engine Starts
L145	Corrosion Prevention in New or Overhauled Engines Installed in Inactive Aircraft
L146	Modification of Simmonds Fuel Injector to Improve Idle and Low Speed Operator IGSO-540-B1A
L148	Interchangeability of MA-6AA Carburetors
L149	Bendix Authorized Service Facilities
L151	External Oil Filters (See S.I. No. 1319)
L152	Density Control Calibration Curves
L153	Lycoming New Geared Engine Overhaul Manual (See S.L. No. L161) TVO-435 Series Helicopter Engines
L155	Modification for Improvement of Lycoming Engines in Bell Helicopters
L157	Engine Mounted Full Flow Oil Filter
L158	Engines with Larger Cylinder Mounting Flanges
L160	Generator Belt Tension Gage
L163	Recommendations Regarding Accidental Engine Stoppage, Propeller Strike, Loss of Propeller Blade or Tip (See S.B. No. 533)
L164	Field Alterations of Lycoming Aircraft Engines (See S.I. No. 1304)

### List of Inactive Lycoming Service Letters

S.L. No.	Description
L165	New Improved 10-171323-1 Transformer Coil Used on S-700 Magnetos
L166	Ignition System Modernization
L167	24 Volt Starter Conversion
L168	Replacement Idle Air Bypass Valve
L169	Availability of Grade 91/96 Aviation Fuel (See S.I. No. 1070)
L170	Currently Obsolete Service Bulletins, Letters and Instructions
L174	Model 1823 Stainless Steel Turbocharger Exchange
L175	Density Controller Calibration Test Stand (See S.L. No. L184)
L176	Factory Remanufactured Engine Changes to Identification
L178	Approved Oil Filter Element Kits and Spin-On Filters
L179	Policy for Pro Rata Engine Replacement (All except 4 cylinder)
L187	Outdated Modification Provisions
L191	Policy for Pro Rata Engine Replacement (4 and 6 cylinder)
L194	Policy for Extended Warranty and Pro Rata Engine
L198	NOT USED
L199	See Service Instruction No. 1070R
L201	Recommended Time Between Overhaul Periods (S.I. No. 1009 Reactivated)
L205	Warranty/Proration in Event of Stuck Exhaust Valves
L211	NOT USED
L212	NOT USED
L217	Counterweight Tooling Update Kits
L219	NOT USED
L224	NOT USED
L230B	Microfiche, Publications Available on
L236	NOT USED
L238	NOT USED
L241	NOT USED
L244	Revision to Appendix 1 in S.B. 569 (See S.B. No. 569A and Supplement No. 1 to S.B. 569A)
L252	NOT USED
L260	NOT USED



## List of Inactive Lycoming Service Bulletins

S.B. No.	Description
No. 1 thru 112, 114 thru 177, 179 thru 182, also:	
184	Modification of Reduction Gear Housing and Associated Parts
185	Modification of Model MA-4SPA Carburetors
186	Approved Generator and Voltage Regulator Combinations (See S.I. No. 1154)
187	Proper Method of Installing Capsule Type Oil Filter (See S.I. No. 1169)
188	Revision of Operator's Manual
189	Modification of PS-5BD Carburetors (Bendix P/N 391621-1, Lycoming P/N 69926)
190	Installation of Thermostatic Oil Cooler Bypass Valve (See S.I. No. 1008)
191	Inspection of Magneto Impulse Coupling
192	Installation of Vacuum Pump and Hydraulic Pump Dual Drive Kit
193	Installation of Vacuum Pump and Propeller Governor Dual Drive Kit
194	Oil Impregnation of Rocker Assembly Bushings
195	Crankshaft Modifications (See S.I. No. 1098)
196	Conversion from 60883 Engine Mounting Bushings to Lord Bushings
197	Lubricating Oil Recommendations (See S.I. No. 1014)
198	Inspection of Hydraulic Bodies (See S.I. No. 1011)
199	Pre-Oiling Dry Sump Engines Prior to Initial Start (See S.I. No. 1241)
200	Alternate Piston and Ring Assemblies (See S.I. No. 1037)
202	Valve Seat Reconditioning
203	Replacement of Standard Exhaust Valves with Sodium Cooled Exhaust Valves
204	Correct Assembly of the Tachometer Shaft Centering Spacer
205	Correct Method of Installing Cylinder Baffle
206	Revision of Oil Pressure Limits
207	Pre-Lubrication of Camshaft Assembly and Crankshaft Bearings (See S.I. No. 1059)
208	Location on Crankshaft of Counterweights and Rollers (See S.I. No. 1012)
209	Tightening Cylinder Base Nuts to Correct Torque (See S.I. No. 1029)
210	Method of Correcting Fuel Dye Stains at Stud Locations in Supercharger Housing
211	Method of Cylinder Base Stud Removal and Replacement
214	Special Tools for Lycoming Aircraft Engines (See Textron Lycoming Reciprocating Tool Catalog)
215	Thermal Shocking Combustion Chambers
216	Installation of Dowels in Reduction Gear Housing
217	Procedure for Modification of Marvel-Schebler MA-4-5 Carburetors
218	Maintenance Items for Special Attention (See S.I. No. 1080)
219	100 Hour Inspection of Propeller Mounting Bolts (See S.B. No. 253)
220	Modification of 69874 Hand Crank Jaw
221	Replacement of Heavyweight Mags (S6LN-50, -51) with Lightweight Mags (S6LN-20, -21)
223	Clearance Between Valve Rocker and Cylinder Head (See S.B. No. 348)
224	Assembly of Dynamically Balanced Supercharger Parts (See S.I. No. 1032)
226	Aircraft Engine Fuels and Their Use in Lycoming Aircraft Engines (See S.I. No. 1070)
227	Replacement of Ball Check Valve Retainer
228	Scintilla Division S.B. 395
229	Discontinuance of Use of Exhaust Flange Gasket
230	Modification of Oil Pressure and Scavenge Pump Gear
231	Revision of Table of Limits, Reference 673 (See S.I. No. 1156)
232	Piston Modification
233	Modification of Oil Ring Groove in Piston
234	Crankcase and Crankshaft End Clearance
236	Scintilla Magneto Ground Terminal Spring Modification
237	Marvel-Schebler Model MA-4-5 and MA-4-5A Carburetor Modification
239	Modification of Right Crankcase Half and Accessory Housing
241	Inspection of Connecting Rods
242	Oil Consumption Test Limits (See S.I. No. 1124)
243	Identification of the Various Length Push Rods Used on Lycoming Engines (See S.I. No. 1060)
244	Replacement of Connecting Rod Bushings
248	Crankshaft Counterweight Bushings (See S.I. No. 1142)

## List of Inactive Lycoming Service Bulletins

S.B. No.	Description
249	Replacement of Cast Counterweights with Forged Counterweights
250	Replacement of Cotter Keys with Roll Pins in Connecting Rod Bolts
251	Installation of Magneto Shaft Bore Bushings (See S.I. No. 1208)
252	Conversion to Large Capacity Oil Filter
254	Modification of Cylinder Baffle Clamps
255	Cylinder Head Fin Stabilizers
256	Replacement of Exhaust Valve Seats (See S.I. No. 1035)
257	Modification of Reduction Gear Assembly to Incorporate Body Fit Bolts
259	Modification of Engine Oil Breather System
260	Installation of Governor Drive Idler Shaft Bushings
261	Replacement of Oil Jet Plug and Front Oil Plug in VO-435 and VO-540 (See S.I. No. 1180)
262	Inspection of Oil Cooler Bypass Temperature Control Valve Assembly
263	Cleaning Procedure for Fuel Injector Oil Filter
264	AC Old Type Heavyweight Fuel Pump Proper Torque (See Current Table of Limits and Torque Value Recommendations)
265	Modification of Intercylinder Baffles
266	Replacement of Rocker Box Covers
267	Inspection of Hydraulic Tappet Bodies, Camshaft Lobes and Hydraulic Plunger Assembly (See S.I. No. 1011)
268	Table of Limits
269	Salvage of Accessory Housings and Covers Eroded at Magneto Pilots (See S.I. No. 1171)
270	Inspection of Cylinder Head Assemblies (See S.I. No. 1135)
274	Increase of Sodium Cooled Exhaust Valve Stem Clearance
275	Insertion of Engine Oil Dip Stick in Aero Commander Model 500
277	Lubrication of Felt Washer in S4 and S6 Magnetos
278	Scintilla S.B. No. 466-Replacement of Magneto Capacitor
279	Procedure for Cleaning Fuel Injection Nozzles (See S.I. No. 1275)
280	Modification of Injection Lines
281	Modification or Replacement of Oil Dip Stick
282	Factory Recommended Procedures for Cleaning Fuel and Oil Filters (See S.I. No. 1109)
283	Modification to Improve Engine Breathing and Reduce Operating Oil Temperature
284	Crankcase Inspection
285	Replacement of AC SR-87 Spark Plugs (See S.I. No. 1042)
286	“Long Lok” Modification to Marvel-Schebler Carburetors
287	Modification of Simmonds #580 Fuel Injector in all Aero Commander 680F
288	Maintenance Recommendations for Servo Bleed Screen in Bendix RS10 Fuel Injection Systems
289	Sticking Exhaust Valves
290	Propeller Leakdown Inspection
291	Instructions for Replacement of Starter Drive Adapter
292	Instructions for Installation of Spring Coupling Accessory Drive
294	Replacement of Intake Hose Clamps; Installation of New and Additional Primer Line Clamps
295	Inspection and Replacement of Oil Pump Drive Shaft
296	Connecting Rod Bolt Replacement and Rod Inspection to Preclude Failure (See S.B. No. 303)
298	Fuel and Oil Vent Restriction Requirement for AC Lightweight Diaphragm Fuel Pumps
299	Safety Wire Requirements for Marvel-Schebler Carburetors
304	Replacement of Thermostatic Oil Cooler Bypass Valves (See S.I. No. 1255)
306	Bendix Aircraft Carburetor Bulletin No. 893, Rev. 1
309	Modification Effectivity for Marvel-Schebler Carburetors
312	Scintilla Division S.B. 515
315	Limited Travel Valve Lifter Replacement (See S.L. No. L187)
316	Replacement of Piston Pins and Plugs (See S.L. L187)
317	Replacement of Differential Pressure Controller (See S.L. No. L187)
320	Fuel Injection Line Adding Support Clamps (See S.L. No. L187)
321	Fuel Line Heat Shield Installation (See S.L. No. L187)
322	Bendix Energy Controls Division Bulletin No. RS-29
323	Drain Plug Inspection for Excessive Lubrication, Marvel-Schebler Bulletin No. A1-69

## List of Inactive Lycoming Service Bulletins

S.B. No.	Description
324	Compressor Wheel Replacement, AiResearch Instruction No. 969-2
325	Controller Linkage Rod End Replacement (See S.L. No. L187)
332	Replacement of V-Band Exhaust Manifold Couplings
335	Fuel Line Inspection and Support Clamp Installation (See latest revision of S.B. No. 342)
336	Periodic Inspection and Lubrication of Magneto Distributor Bushing
338	Model T1879 Turbocharger Modification (See S.L. No. L187)
339	Turbocharger Exhaust Systems Inspection and Modification (See S.L. No. L187)
346	Model TA1108 Turbocharger, AiResearch Instruction No. 1271-1 (See S.B. No. 391 and Supplement 1)
348	Clearance Between Valve Rocker and Cylinder Head
350	Replacement of Torquemeter Oil Pump (See S.L. No. L187)
355	Alternator Fan Replacement, Prestolite Bulletin No. ASM-8 (See S.L. No. L187)
358	AiResearch Industrial Division Bulletin No. 872-5 (See S.L. No. L187)
360	Connecting Rod Bolt Length Gage
368	Exhaust Manifold Clamp Inspection (See S.B. No. 393)
378	Exhaust Slip Joint Modification (See S.B. No. 393)
381	Oil Pump Woodruff Key Drive and Impeller Replacement (See S.B. No. 524)
385	Oil Pump Impeller and Drive Replacement (See S.B. No. 524)
396	Parts Catalog PC-106 Listing for Camshaft (Wide Cylinder Flange) (See S.I. No. 1350)
413	Hydraulic Tappet Face Inspection (See S.B. No. 424)
454	Replacement of Oil Pump Impellers (See S.B. No. 524)
455	Replacement of Oil Pump Impellers (See S.B. No. 524)
456	Replacement of Sintered Iron Oil Pump Impellers (See S.B. No. 524)
462	NOT USED
476	Exhaust Slip Joint Modification (See S.B. No. 479)
489	Oil sump Baffle Assembly P/N LW-13383 (See S.I. 1279)
493	NOT USED
495	Reprint of Precision Airmotive Corporation Service Bulletin MSA-1 (See S.B. No. 582A)
512	Inspection of Marmon Flange Joint at Transition Inlet (See S.B. No. 521)
513	NOT USED
535	NOT USED
542	NOT USED
546	NOT USED
550	Crankshaft Replacement in Lycoming TIO and LTIO-540-Engines Rated at 300 Horsepower and Higher (See S.B. No. 552)
551	NOT USED
560	NOT USED
562	NOT USED
575	NOT USED
586	NOT USED
587	NOT USED
600	NOT USED
602	Incorrect Part Numbers on Service Instruction No. 1098G (Superseded by S.I. 1098N)
615	Diaphragm-Type Fuel Pump Replacement (Superseded by S.B. 621)
617	Fuel pumps part number 62B26931 shipped from the factory from December 16, 2014 through January 14, 2015 not marked with "SB615" stamp (Superseded by S.B. 621)
618	Engine Start Problems Due to Drift in Magneto-to-Engine Timing (See S.L. No. L264)

## List of Inactive Lycoming Service Instructions

S.I. No.	Description
1000	Replacement of Standard Exhaust Valves with Sodium Cooled Exhaust Valves
1001	Marvel Schebler S.B. 12-59 (See S.B. 237)
1003	Marvel-Schebler S.B. 3-60
1004	Diffuser Pinch on Supercharged Engines
1005	Improved Valve Seats to Minimize Seat Distortion
1006	Conversion of O-235-C Model Aircraft Engine to O-235-C1
1007	Replacement of Engine Mount Bushings
1010	Installation of Front Crankshaft Oil Seal, All Direct Drive Engines
1013	Modification of Lycoming P/N 72070 Oil Filter Assembly (See S.I. No. 1169)
1015	Tightening Torque Recommendations (See Current Table of Limits and Torque Value Recommendations) (See S.B. 268)
1017	Valve Seat Reconditioning
1018	Correct Method for Installing Oil Pressure and Oil Suction Screens in Sump
1019	Scintilla Bulletin No. 465A
1021	Marvel-Schebler Bulletin No. 12-60
1022	Marvel-Schebler Bulletins Nos. 11-60 and 13-60
1023	Inspection Requirements Following Overboost or Overspeed (See S.B. No. 369 and 592)
1024	Assembly of Valve Rocker Shaft Covers
1027	Improved Piston and Ring Combination (See S.I. No. 1037)
1028	Modification of Cylinder to Incorporate Large Stem Exhaust Valve
1030	Cylinder Head Fin Stabilizers
1031	Redesigned Piston and Ring Combination for Chrome Plated Cylinder Assemblies (See S.I. No. 1037)
1033	Replacement of Propeller Shaft Seal Rings
1034	Alternate Cylinder Assemblies for O-290-D Engines (See S.I. No. 1037)
1035	Modifications of O.D. of Valve Seats and Height of Exhaust Valve Seats
1036	Modifications Available for VO-540 Engines Installed in Hiller Helicopters
1038	Torque Limit for Rocker Box Screws (See Current Table of Limits and Torque Value Recommendations)
1039	Marvel-Schebler Bulletins Nos. A2-61 and A4-61
1041	Special Tools for Lycoming Aircraft Engines (See Textron Lycoming Reciprocating Tool Catalog)
1045	Checking Dry Tappet Clearance
1046	Turbocharger Density Control and Bypass Valve Maintenance Procedures
1048	Replacement of Carburetor Attaching Studs with Cap Screws
1049	Lightweight Diaphragm Fuel Pump for Direct Drive Engines (See S.I. No. 1110)
1050	Replacement of Front Crankshaft Oil Seal
1051	Increase Running Clearance Between Exhaust Valve Stem and Guide
1052	Approved Starters for Direct Drive Engines (See S.I. No. 1154)
1053	Installation of Redesigned Camshaft to Increase Valve Life
1054	Facilities for Chrome Plating Cylinder Barrels (See S.L. No. L159)
1055	Troubleshooting Information for Scintilla S-200 and S-600 Magnetos
1056	Installation of Vent Shields on S-200 and S-600 Series Magnetos
1057	Replacement of Pistons at Overhaul (See S.I. No. 1037)
1058	Replacement of Propeller Shaft Oil Seal Rings
1061	Modification of Marvel-Schebler MA-4-5 Carburetors in Mooney and Piper Aircraft
1063	Magnetic Inspection of Oil Screens (See S.I. No. 1285)
1064	Modification of Reduction Gear Housing to Install Oil Seal Rings at Magneto Drive Adapters
1065	Installation of Exhaust Flange Gaskets (See S.I. No. 1204)
1066	Dry Tappet Clearance
1067	Valve and Rocker Modifications to Prevent Valve Corrosion
1071	Procedure for Tightening and Modification to Strengthen Connecting Rod Bolts
1073	Installation of Crankshaft Oil Seal Retaining Plate Safety Kit
1074	Scintilla Bulletin No. 480
1077	Modification to Replace Connecting Rod Bolts

## List of Inactive Lycoming Service Instructions

S.I. No.	Description
1078	Modification to Improve Operating and Starting Hughes 269A Helicopters
1081	Inspection of Connecting Rods for Galling (See S.B. No. 430)
1082	Modification of Fitting and Hoses on Flowmeter Modulator and Nozzle Assembly
1083	Replacement of Pistons (See S.I. No. 1037)
1085	Modification to Secure Throttle Levers
1086	Fuel System Conversion of IO-540-B1A5 and IGO-540-B1A
1087	Installation of Fuel Pressure Regulator and Provision of Overboard Vent
1088	Inspection Procedure to Determine Exhaust Valve Wear (See S.B. No. 388)
1089	Carbon Removal (Decoking) from Turbochargers
1090	Modification to Turbocharger Exhaust Support to Prevent Chafing of Crankcase Assembly
1091	Viton Tip Carburetor Float Valve Assembly
1093	Rubber Cushioned Starter Drive Kit
1095	Improved Dual Carburetor Throttle Linkage
1096	Scintilla Bulletins Nos. 484, 487, 488, 494
1097	Increased Torque Value for ½” Cylinder Hold-Down Nuts (See S.I. No. 1029)
1099	Crankshaft Counterweight Bushing Identification Symbol
1100	Inspection of Reduction Gear Housing and Replacement of Gasket and Attaching Studs
1101	Scintilla Bulletin No. 491
1102	Modification to Accessory Housing Breather Tube and Plate Assembly
1103	Modification to Fuel Injector Automatic Mixture Control Assembly
1104	Inspection and Replacement of Magneto Drive Gears and Cushion Retainers (See S.B. No. 311)
1106	Connecting Rod Bolt Nut Crimping Requirements (Superseded by S.I. 1458G)
1107	Modification of Fuel Pump Vent Lines
1114	Repair Procedures for Worn Reduction Gear Pinion Cage (See S.I. No. 1236)
1115	Rubber Strike-Through on Wire Braided Hose
1117	Field Modification Permit Use of Body Fit Bolts in Flanged Reduction Gear Units
1119	Shielded Ignition Cable
1124	Oil Consumption Test Limits (See S.I. No. 1427C)
1127	Bendix RS Fuel Injection Bulletin No. 18 (See S.B. 305)
1128	Vented Rocker Boxes and Tappet Vent Plugs
1131	Modification to Incorporate Fuel Divider Rosette
1134	Delco-Remy Bulletin No. DR-7269
1137	Accessory Housing Modification to Incorporate Outboard Crankshaft Idler Gear Shaft Support (S.L. 187)
1146	Turbocharger Exhaust System (S.L. 187)
1147	Improved Rocker Box Gaskets and Attaching Screws
1150	Removal of Lockwire, Pal Nuts and Lockwashers from Cylinder Base Nuts
1151	Enlarged Oil Passage Hole in Sump Gasket
1153	Avco Lycoming Five Millimeter Ignition Harness
1155	Fuel Injector Line Support Bracket (See latest revision of S.B. No. 342) (S.L. 187)
1160	Turbocharger Compressor Clamp Replacement
1162	Intake Pipe Replacement
1163	Scintilla Bulletin No. 518
1165	Scintilla Bulletin No. 522
1174	Installation of Lightweight Turbocharger (S.L. 187)
1175	Carburetor Float Valve Clip Replacement
1178	Bendix Fuel Injection Bulletin No. 23
1179	Inspection and Repair of Gear Assembly and Crankshaft (See S.B. No. 475)
1183	New Connecting Rod Bolt with Increased Torque Limit
1184	Repair of High Performance Connecting Rods (See S.B. No. 439)
1188	Bendix Fuel Injection Bulletin No. 22, Rev. 2
1194	Bendix Fuel Injection Bulletin No. RS-25
1195	Slow Leak-Down Hydraulic Tappet Plunger Assemblies (S.L. 187)

## List of Inactive Lycoming Service Instructions

S.I. No.	Description
1198	Resetting Density Controller and Exhaust Bypass Valve
1199	Bendix Fuel Injection Bulletin No. RS-24
1201	Accessory Housing Modification to Accommodate New Drive Shaft (See S.I. No.1084)
1202	Inspection and Modification of Exhaust Bypass Valve Housing
1207	Increased Torque for Impulse Coupling Magneto Drive Gear Nut
1217	NOT USED
1219	NOT USED
1220	Bendix SpecialS.B. SSB-316
1222	Throttle Lever Stop Plate Assembly
1229	AiResearch Instruction No. 270-1 (See S.B. No. 391)
1233	Front Crankshaft Oil Seal Installation (See S.I. No. 1324)
1235	Oil Filter Sealant and Torque Application (See S.B. No. 337)
1243	Piston Identification and Inspection (See Overhaul Manual and the latest revision of S.I. 1037)
1245	Bendix Bulletin No. RS-36
1258	Crankcase P/N Listing: Catalog PC-206; IO-360 Series Engines
1261	Sealing Oil Supply Ports
1269	Bendix Bulletin No. 556 (See S.B. No. 376)
1272	Hardened Oil Pump Impeller (See S.B. No. 524)
1281	Bendix Bulletin No. 556 (See S.B. No. 376)
1297	Cylinder Modification for Shroud Tubes with Helical Spring Retention
1303	Solid Ring Oil Seal Installation (See S.I. No. 1324)
1305	Carburetor Nozzle Replacement – O-320-E2A, -E2D, -E2G, -E3D (Kit obsolete)
1311	Oversize Connecting Rod Bolts (Superseded by S.I. 1458G)
1317	NOT USED
1318	Strengthened Connecting Rod Bolts (Superseded by S.I. 1458G)
1319	Engine Mounted Oil Filter Kits and Replacement Filters (See latest revision of SSP-885)
1322	NOT USED
1336	Tappet Body Identification (See Service Instruction No. 1011J)
1348	NOT USED
1349	NOT USED
1350	HIO-360-D1A, Redesigned Camshaft
1353	NOT USED
1358	Turbocharger Mount Bushings (See S.B. No. 420)
1371	NOT USED
1372	NOT USED
1374	Slick Magnetos (See S.I. No. 1443G)
1401	NOT USED
1405	NOT USED
1412	NOT USED
1426	NOT USED
1429	NOT USED
1440	NOT USED
1450	Connecting Rod Bolts (See S.I. 1458G)
1456	NOT USED
1460	NOT USED
1475	NOT USED
1476	NOT USED
1477	NOT USED
1478	NOT USED
1482	NOT USED
1488	NOT USED
1490	NOT USED

### List of Inactive Lycoming Service Instructions

S.I. No.	Description
1493	NOT USED
1496	NOT USED
1499	NOT USED
1501	NOT USED
1507	NOT USED
1557	NOT USED
1516	NOT USED
1526	New Piston Part Numbers (See S.I. 1037U)
1527	NOT USED
1529	Hydraulic Lifter and Tappet Body Part Numbers (Superseded by S.I. 1011L)
1536	NOT USED
1537	NOT USED
1538	NOT USED
1541	NOT USED
1542	NOT USED
1544	NOT USED
1547	NOT USED
1548	NOT USED
1550	NOT USED
1551	NOT USED
1553	Additional Cylinder Fin Stabilizer
1555	NOT USED
1556	NOT USED
1557	NOT USED

This page intentionally left blank.