

**MANDATORY**  
**SERVICE BULLETIN**

December 16, 2002

Supplement No. 1

To

Service Bulletin No. 553

Supplement No. 1 to Lycoming Service Bulletin No. 553 provides the following additions or revisions:

1. Specific numbering information will assist in the identification of affected crankshafts. Lycoming crankshaft serial numbers are in one of the following formats:
  - a. "V5379" followed by 4 or 5 digits (1997 to present).
  - b. An "I" followed by 5 digits (1996 – 1997).
  - c. A "V" followed by a number of from 3 to 5 digits (1985 – 1996).
  - d. A number of from 3 to 5 digits (pre 1985).

**NOTE**

Some field repair stations mark their own identification numbers and/or letters on the propeller flange outside diameter. These numbers are not related to any Lycoming information.

2. Additions to Service Bulletin No. 553 effectivity.
  - a. To the list of affected engines in Service Bulletin No. 553, Table 1, add:

| <u>Engine</u> | <u>Serial Number</u> |
|---------------|----------------------|
| TIO-540-AE2A  | L-9812-61A           |
| TIO-540-AJ1A  | L-10116-61A          |
| TIO-540-AJ1A  | L-10062-61A          |
| TIO-540-AJ1A  | L-10417-61A          |
| TIO-540-AH1A  | L-10274-61A          |
| TIO-540-J2BD  | L-5644-61A           |

- b. To the list of affected crankshafts in Service Bulletin No. 553, Table 2, add:

V53792797  
V53793317  
V53793778  
V537910019  
V537912939  
V53795273

3. In order to ensure a more thorough inspection, six core samples will be removed rather than the three originally specified in Service Bulletin No. 553.
4. **From the attached list of authorized core sample testing facilities (see Attachment I) customers must contact the facility of their choice to schedule core testing.**

## **ATTACHMENT – PAGE 1 – Supplement No. 1 to Service Bulletin No. 553**

Following is a list of approved testing facilities that must be contacted directly for compliance with Service Bulletin No. 553.

### **DOMESTIC FACILITIES:**

#### **ALABAMA**

Montgomery Aviation  
P.O. Box 92  
Dannelly Field  
Montgomery, AL 36101  
Phone: 334-288-7334  
Fax: 334-288-7377

#### **ALASKA**

Avalaska  
4340 Post Mark Drive  
Anchorage, AK 99502  
Phone: 907-248-7070  
Fax: 907-248-7771

#### **ARIZONA**

Cutter Aviation – AZ  
530 W. Deer Valley Road  
Phoenix, AZ 85027  
Phone: 623-581-1444  
Fax: 623-581-1555

#### **CALIFORNIA**

Leading Edge Aviation  
2138B Palomar Airport Road  
Carlsbad, CA 92008  
Phone: 760-931-8565  
Fax: 760-931-8567

Ly-Con Rebuilders, Inc.  
8231 West Doe Avenue  
Visalia, CA 93291  
Phone: 559-651-1070  
Fax: 559-651-3212

Northern California Piper  
1901 Embarcadero Road  
Palo Alto, CA 94303  
Phone: 650-354-1399  
Fax: 650-354-1395

Tom's Aircraft Maintenance  
2641 E. Spring Street  
Long Beach, CA 90806  
Phone: 562-426-5331  
Fax: 562-426-1052

#### **COLORADO**

Aviation Sales  
12260 E. Control Tower Rd.  
Englewood, CO 80112  
Phone: 303-799-9999  
Fax: 303-799-6130

Western Skyways  
21 Creative Place  
Montrose, CO 81401  
Phone: 970-249-0232  
Fax: 970-249-4155

#### **CONNECTICUT**

Columbia Air Services  
Groton New London Airport  
175 Tower Road  
Groton, CT 06340  
Phone: 860-449-1257  
Fax: 860-449-3057

#### **FLORIDA**

Banyan Air Service  
1635 N.W. 51<sup>st</sup> Place  
Ft. Lauderdale, FL 33309  
Phone: 954-491-3172  
Fax: 954-491-2006

Flightline Group Inc.  
3526 Capital Circle SW  
Tallahassee, FL 32310  
Phone: 850-576-3515  
Fax: 850-576-8473

Sun Aviation  
3106 Cherokee Drive  
Vero Beach, FL 32961  
Phone: 561-562-9257  
Fax: 561-569-2489

#### **GEORGIA**

Signature Combs – Georgia  
One Corsair Drive  
Atlanta, GA 30341  
Phone: 770-458-2495  
Fax: 770-458-2499

#### **ILLINOIS**

J.A. Air Center  
3n060 Powis Road  
W. Chicago, IL 60185  
Phone: 630-584-3200  
Fax: 630-513-1249

#### **INDIANA**

Muncie Aviation  
5201 N. Walnut Street  
Muncie, IN 47303  
Phone: 765-289-7141  
Fax: 765-289-7142

#### **IOWA**

Des Moines Flying Service  
5600 Fleur Drive  
International Airport  
Des Moines, IA 50321  
Phone: 800-622-8311  
Fax: 515-256-5359

#### **KANSAS**

Kansas City Avia Center  
151<sup>st</sup> & Pflumm Road  
Olate, KS 66063  
Phone: 913-782-0530  
Fax: 913-324-1279

#### **MAINE**

Maine Aviation Corp.  
8 Al Mckay Ave.  
Portland, ME 04102  
Phone: 207-780-1811  
Fax: 207-772-6900

Telford Aviation, Inc.  
154 Main Avenue  
Bangor, ME 04401  
Phone: 207-990-5555  
Fax: 207-990-5557

#### **MARYLAND**

Sky Tech Inc. (MD)  
Martin State Airport  
Baltimore, MD 21220  
Phone: 410-574-4144 x1400  
Fax: 410-574-9627

#### **MASSACHUSETTS**

Shoreline Aviation  
93 Old Colony Lane  
Marshfield, MA 02050  
Phone: 781-834-4923  
Fax: 781-837-5103

#### **MICHIGAN**

Michigan Aviation  
6150 Highland Road  
Waterford, MI 48327  
Phone: 248-666-3440  
Fax: 248-666-4630

Northern Air  
5500 44<sup>th</sup> Street SE  
Grand Rapids, MI 49512  
Phone: 616-336-4737  
Fax: 616-988-4164

#### **MINNESOTA**

Crystal Shamrock, Inc.  
6000 Douglas Drive North  
Crystal, MN 55429  
Phone: 763-533-2214  
Fax: 763-553-5519

#### **MISSOURI**

Thunder Aviation  
739 North Bell Ave.  
St. Louis Airport  
Chesterfield, MO 63005  
Phone: 636-532-5600  
Fax: 636-898-0819

## **ATTACHMENT – Page 2 – Supplement No. 1 to Service Bulletin No. 553**

### **DOMESTIC FACILITIES (CONT.):**

#### **MONTANA**

Lynch Flying Service  
Logan Field  
Billings, MT 59105  
Phone: 406-252-0508  
Fax: 406-245-9491

#### **NEBRASKA**

Duncan Aviation, Inc.  
P.O. Box 81887  
Lincoln Airport  
Lincoln, NE 68501  
Phone: 402-475-2611  
Fax: 402-475-5541

#### **NEVADA**

Ron's Aircraft  
2810 Perimeter Rd Ste 101  
North Las Vegas, NV 89032  
Phone: 702-646-6191  
Fax: 702-646-2744

#### **NEW MEXICO**

Robertson Aircraft, Inc.  
2505 Clark Carr Lp SE  
Albuquerque, NM 87106  
Phone: 505-842-4999  
Fax: 505-842-4211

#### **NEW YORK**

Dunkirk Aviation  
3389 Middle Road  
Dunkirk, NY 14048  
Phone: 716-366-6938  
Fax: 716-366-7686

Eastway Aircraft Services, Inc.  
Long Island MacArthur Airport  
Ronkonoma, NY 11779  
Phone: 516-737-2020  
Fax: 516-737-3257

#### **NORTH CAROLINA**

Triad Aviation  
3439 South Aviation Drive  
Burlington, NC 27215  
Phone: 800-334-6437  
Fax: 336-227-1258

#### **NORTH DAKOTA**

Executive Air Taxi Corp.  
2301 University Drive  
Bismark, ND 58504  
Phone: 701-258-5024  
Fax: 701-258-2693

#### **OHIO**

Lane Aviation Corp.  
4379 International Gateway  
Columbus, OH 43219  
Phone: 614-237-3747  
Fax: 614-237-4274

#### **OREGON**

Flightcraft, Inc.  
90454 Boeing Dr.  
Eugene, OR 97402  
Phone: 541-607-7221  
Fax: 541-688-5749

Flightcraft, Inc. (Portland)  
7505 NE Airport Way  
Portland, OR 97218  
Phone: 503-331-4216  
Fax: 503-331-4273

#### **SOUTH DAKOTA**

Business Aviation  
3501 Aviation Avenue  
Sioux Falls, SD 57104  
Phone: 605-336-7791  
Fax: 605-332-6800

#### **TENNESSEE**

Signature Combs Aviation  
2488 Winchester Road  
Memphis, TN 38116  
Phone: 901-345-4711  
Fax: 901-345-4716

Tri City Aviation  
P.O. Box 5155  
Kingsport, TN 37663  
Phone: 423-325-6275  
Fax: 423-325-6654

#### **TEXAS**

Abilene Aero  
2850 Airport Blvd.  
Abilene, TX 79602  
Phone: 915-677-2601  
Fax: 915-671-8018

Broadies Aircraft  
200 Commerce Rd.  
Meacham Field  
Fort Worth, TX 76106  
Phone: 817-626-1532  
Fax: 817-626-1537

#### **TEXAS (CONT.)**

Cutter (San Antonio)  
367 Sandau Road  
San Antonio, TX 78216  
Phone: 210-340-6780 dial 2  
Fax: 210-340-8802

Cutter Aviation (Dallas)  
5661 Mariner Drive  
LB #18  
Dallas, TX 75237  
Phone: 214-467-6056  
Fax: 214-467-6069

Julies Aircraft Service  
6805 Boeing Drive  
El Paso, TX 79925  
Phone: 915-772-2900  
Fax: 915-779-8822

Tradewind Turbines Corp.  
10001 American Drive  
Amarillo, TX 79111  
Phone: 806-335-1400  
Fax: 806-335-1536

#### **UTAH**

Intermountain Air  
301 North 2370 West  
Salt Lake City, UT 84116  
Phone: 801-322-1645  
Fax: 801-521-6534

#### **VIRGINIA**

Dominion Aviation, Inc.  
7511 Airfield Drive  
Richmond, VA 23237  
Phone: 804-271-7793  
Fax: 804-275-2783

Horizon Aviation  
1777 West Road  
Chesapeake, VA 23323  
Phone: 757-421-9000  
Fax: 757-421-7165

#### **WASHINGTON**

Felts Field Aviation  
East 5829 Rutter Ave.  
Spokane, WA 99212  
Phone: 509-535-9011  
Fax: 509-535-9014

#### **WISCONSIN**

Wisconsin Aviation  
3606 Corben Court  
Madison, WI 53704  
Phone: 608-249-2189  
Fax: 608-268-5037

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### INTERNATIONAL FACILITIES:

#### **CANADA**

Aviation Unlimited Maintenance  
2833 16<sup>th</sup> Ave.  
Markham, Ontario  
L3R0P8 Canada  
Phone: 905-477-4655  
Fax: 905-477-1711

Leavens Aviation  
2555 Derry Road East  
Mississauga, Ontario  
L4T1A1 Canada  
Phone: 905-678-1234 x208  
Fax: 905-678-7028

Progressive Aviation  
Kamloops Airport  
Kamloops, British Columbia  
V2B7W8 Canada  
Phone: 250-376-6226  
Fax: 250-376-1995

#### **FRANCE**

Rectimo Aviation  
F-73420 Viviers du Lac  
Aéroport De Chambéry  
Viviers du Lac, France  
Phone: +33 4-79-520000  
Fax: +33 4-79-544527

#### **GERMANY**

Flughafen Kassel  
D-34379 Calden 1  
Germany  
Phone: +49 5674-70423  
Fax: +49 5574-70444

Roeder Praezision GMBH  
D-63329 Egelsbach  
Egelsbach, Germany  
Phone: +49 6103-40020  
Fax: +49 6103-400271

#### **SOUTH AFRICA**

Aircraft Powerplant Co.  
P.O. Box 3137  
Wooderboom Airport  
Montana Park, Pretoria  
159 South Africa  
Phone: +27 12-543-0775  
Fax: +27 12-567-3630

#### **SOUTH AFRICA (CONT)**

Placo  
P.O. Box 18017  
Rand Airport  
Germiston  
1419 South Africa  
Phone: +27 11-827-9301  
Fax: +27 11-824-3661

#### **SWEDEN**

Saab Nyge Aero  
Box 321  
Nykoeping  
S-611 27 Sweden  
Phone: +46 155-77100  
Fax: +46 155-285248

#### **UNITED KINGDOM**

Signature Aircraft Engineering  
Kidlington, Oxford  
Oxford Airport  
Kidlington  
OX51RA United Kingdom  
Phone: +44 1-865-841234  
Fax: +44 1-865-379123