

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book
Directly to:

Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 07/28/2005


This engine model TSI0550C10, Serial No. 802787 was manufactured on 07/27/2005 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 505

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
8-17-05	0	0	0	0	 This engine S/N 802787 installed in LC41-550FG S/N 41512 <i>Francie Mills</i> The Lancair Company

ENGINE MODEL: TS10550
 ENGINE S/N:
 REG. NO: 400LP
 WORK ORDER: 6309

Lincoln Park Aviation
 Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-833-0450

DATE: 6/9/2006
 A/C TSN:
 ENG TT: 93.7
 TSMOH: 139
 HOBBS: 139

Engine Entries

(1) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 15w50 oil.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 6/9/2006

SIGNED:

Frank R Galella
 Certified Repair Station No. LKPR101K

[Signature]
 Inspector 2

Work Order: 6309

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TS10550
 ENGINE S/N:
 REG. NO: 400LP
 WORK ORDER: 6463



Lincoln Park Aviation
 Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-833-0450

DATE: 7/26/2006
 A/C TSN: 160.9
 ENG TT: 160.9
 TSMOH: 160.9
 HOBBS: 160.9

Engine Entries

(4) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 20w50 oil.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 7/26/2006

SIGNED:

Frank R Galella
 Certified Repair Station No. LKPR101K

[Signature]
 Inspector 2

Work Order: 6463

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Engine Service and Maintenance Record

Date	Total Time	Time Since
	Hrs.	
8-17-05	0	

ENGINE MODEL: TS10550
 ENGINE S/N:
 REG. NO: 400LP
 WORK ORDER: 5797



Lincoln Park Aviation
 Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-633-0450

DATE: 11/2/2005
 A/C TSN: 36.4
 ENG TT: 36.4
 TSMOH: 36.4
 HOBBS: 36.4

Engine Entries

(4) Complied with oil and filter change, cut and inspected oil filter, added 8 qts Exxon elite, run up and leak check ok.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 11/2/2005

SIGNED:
 Frank R Galella
 Certified Repair Station No. LKPR101K

[Signature] Inspector 2

Work Order: 5797

ENGINE MODEL: TS10550
 ENGINE S/N:
 REG. NO: 400LP
 WORK ORDER: 5829



Lincoln Park Aviation
 Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-633-0450

DATE: 11/9/2005
 A/C TSN: 38.4
 ENG TT: 38.4
 TSMOH: 36.4
 HOBBS: 36.4

Engine Entries

(1) Complied by installing a Reiff Heater.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 11/9/2005

SIGNED:
 Frank R Galella
 Certified Repair Station No. LKPR101K

[Signature] Inspector 2

DATE: 2/22/2006
 A/C TSN: 5829
 ENG TT: 87
 TSMOH: 87
 HOBBS: 87

ENGINE MODEL: TS10550
 ENGINE S/N:
 REG. NO: 400LP
 WORK ORDER: 6051



Lincoln Park Aviation
 Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-633-0450

Engine Entries

(3) OPS CHECK GOOD, FUNCTIONING NORMAL... (8) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 20w50 oil.

DATE: 2/22/2006

SIGNED:
 Frank R Galella
 Certified Repair Station No. LKPR101K

[Signature] Inspector 2

Printed by EBis 3 (dalcornedia) Work Order: 6051

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

ENGINE MODEL: TS10550
ENGINE S/N:
REG. NO. 400LP
WORK ORDER: 6636



Lincoln Park Aviation
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0450

DATE: 9/28/2006
A/C TSN:
168.9 ENG TT: 499
168.9 TSMOH: 499
HOBBBS: 168.9

Engine Entries

(2) ANNUAL/ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 70/80 #2) 70/80 #3) 72/80 #4) 70/80 #5) 71/80 #6) 69/80
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required... (13) REMOVED OIL PRESSURE TRANSDUCER ADAPTER AND RESEALED. INSTALLED OIL PRESSURE TRANSDUCER ADAPTER, AND LEAK CHECK OK... (14) REMOVED AND REPLACED OIL PRESSURE REGULATOR CRUSH GASKET WITH NEW... (15) REMOVED AND REPLACED ROCKER COVER GASKETS WITH NEW... (16) REPOSITIONED REIFF HEATER THERMOSTAT, OPS CHECK OK... (17) REMOVED AND REPLACED ALL FUEL INJECTOR SEAL WASHERS WITH NEW... (18) CHECKED TORQUE OF RIGHT HAND REAR ISOLATOR RE SAFTEY WIRED... (21) ADJUSTED AIR CONDITIONING COMPRESSOR BELT TO MANUFACTURES SPECIFICATIONS.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 9/28/2006

SIGNED:
Frank R Galella, IA: 2764795

Inspector 2

Work Order: 6636

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ENGINE MODEL: TS10550
ENGINE S/N:
REG. NO. 400LP
WORK ORDER: 6722



Lincoln Park Aviation
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0450

DATE: 11/3/2006
A/C TSN: 179.8
ENG TT:
TSMOH: 179.8
HOBBBS: 179.8

Engine Entries

(1) REMOVED AND REPLACED CHT PROBE WITH NEW.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 11/3/2006

SIGNED:
Frank R Galella

Inspector 2

Work Order: 6722

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PO. BOX 1499, GRAND STRAND AIRPORT
NORTH MYRTLE BEACH, SC 29598

AIRFRAME/ENG/PROP
LOG BOOK ENTRY

DATE 3-27-07
MAKE Continental
MODEL TS IO-550-C
S/N 802787
REG # N400LP
A/C TIME 210.2

Cleaned and gapped sparkplugs. Replaced top plug on cylinder 5. Removed two inches of incrustion lead and installed old plug end to top cylinder 5 spark plug. Installed all the fuel injection nozzle with TCM Tuned kit EG 7480. Replaced cylinder 1# EGT probe

THE AIRCRAFT, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE, WITH RESPECT TO THE ABOVE SPECIFIED REPAIR. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS FACILITY.

07-16540 3-27-07 AP 24915942
WORK ORDER # DATE SIGNATURE CERTIFICATE #

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

ENGINE MODEL: TS10550
ENGINE S/N:
REG. NO. 400LP
WORK ORDER: 7011



Lincoln Park Aviation
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-833-0450

DATE: 4/12/2007
A/C TSN:
ENG TT:
TSMOH: 184.7
HOBBS: 213

Engine Entries

(6) COMPLIED WITH SID 97-3C FUEL FLOW SET-UP... (7) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 20w50 oil.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 4/12/2007 SIGNED: Inspector 2
Frank R Galella Work Order: 7011
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TS10550
ENGINE S/N:
REG. NO: 400LP
WORK ORDER: 7248



Lincoln Park Aviation
Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-833-0450

DATE: 7/24/2007
A/C TSN:
ENG TT:
TSMOH: 184.7
HOBBS: 252.8

Engine Entries

(1) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 20w50 oil.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 7/24/2007 SIGNED: Inspector 2
Frank R Galella Certified Repair Station No. LKPR101K Work Order: 7248
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ENGINE MODEL: TS10550
ENGINE S/N:
REG. NO: 400LP
WORK ORDER: 7412



Lincoln Park Aviation
Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-833-0450

DATE: 9/26/2007
A/C TSN:
ENG TT:
TSMOH: 278.1
HOBBS: 278.1

Engine Entries

(2) ANNUAL/ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 70/80 #2) 72/80 #3) 73/80 #4) 72/80 #5) 70/80 #6) 85/80
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required... (10) REMOVED AND REPLACED RIGHT TIT PROBE WITH NEW.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 9/26/2007 SIGNED: Inspector 2
Frank R Galella Certified Repair Station No. LKPR101K Work Order: 7412
Printed by EBis 3 (datcomedia.com)

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought In				

ENGINE MODEL: TS10550
ENGINE S/N:
REG. NO: 400LP
WORK ORDER: 7790



Lincoln Park Aviation
Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0450

DATE: 4/24/2008
A/C TSN: 321.8
ENG TT:
TSMOH: 321.8
HOBS: 321.8

Engine Entries

(4) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 20w50 oil.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 4/24/2008

SIGNED:

Frank R Galella
Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 7790

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ENGINE MODEL: TS10550
ENGINE S/N:
REG. NO: 400LP
WORK ORDER: 7970



Lincoln Park Aviation
Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0450

DATE: 7/31/2008
A/C TSN: 349.2
ENG TT:
HOBS: 349.2

Engine Entries

(7) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 20w50 oil.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 7/31/2008

SIGNED:

Roland Wattenbach
Certified Repair Station No. LKPR101K

Work Order: 7970

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ENGINE MODEL: TS10550
ENGINE S/N:
REG. NO: 400LP
WORK ORDER: 8199



Lincoln Park Aviation
Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0450

DATE: 12/2/2008
A/C TSN: 385.2
ENG TT:
HOBS: 386.2

Engine Entries

(2) ANNUAL/ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 60/80 #2) 70/80 #3) 65/80 #4) 65/80 #5) 65/80 #6) 60/80
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required... (9) COMPLIED WITH SB 08-74-02, IAW SLICK SB2-08 AND SB3-08 AND THE SLICK 4300/6300 MAGNETO MAINTENANCE AND OVER HAUL MANUAL L-1363. REPLACED GEAR, CAPACITOR, POINT KIT, DISTRIBUTER BLOCK, AND SEAL KIT IN BOTH MAGNETOS... (17) REMOVED AND REPLACED ALL TWELVE SPARK PLUGS WITH NEW... (20) COMPLIED WITH SID 97-3C BY SETTING FUEL FLOWS AND MAP TO SPEC IAW SERVICE INSTRUCTIONS AND ENGINE MM.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 12/2/2008

SIGNED:

Frank R Galella
Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 8199

Printed by EBis 3 (datcomedia.com)

Date	Total Time	
	Hrs.	Min
Brought Forward		

Engine Log

N400LP

October 16, 2009

Hobbs: 436.5, Total Time: 436.5

Changed oil and filter. Cut open old filter, no metal found. Serviced with 8 quarts Exxon Elite 20W50. Spark plugs cleaned and gapped, magneto timing checked. Replaced leaking compressor drive pulley garloc seal and corroded scavenge pump gears with new. Engine washed and run-up checked OK.

I certify that this engine has been inspected in accordance with an **annual inspection** and determined to be in an airworthy condition.

Steven Vander Valk
Steven Vander Valk A&P 2919106 IA
Paragon Aircraft Service

CYLINDER COMPRESSION

#1	#2	#3	#4	#5	#6
80	80	80	80	80	80
72	76	74	72	76	74

ance Record
, Special Inspections,

Engine Log

N400LP

April 7, 2010

Hobbs: 463.0, Total Time: 463.0

Changed oil and filter. Cut open old filter, no metal found. Serviced with 8 quarts Exxon Elite 20W50. Engine washed and run-up checked OK.

Steven Vander Valk
Steven Vander Valk A&P 2919106
Paragon Aircraft Service

Engine Log

N400LP

September 2, 2010

Hobbs: 484.3, Total Time: 484.3

Changed oil and filter. Cut open old filter, no metal found. Serviced with 8 quarts Exxon Elite 20W50. Engine washed and run-up checked OK.

Steven Vander Valk
Steven Vander Valk A&P 2919106
Paragon Aircraft Service

Engine Log

N400LP

April 7, 2011

Hobbs: 490.3, Total Time: 490.3

Changed oil and filter. Cut open old filter, no metal found. Serviced with 8 quarts Exxon Elite 20W50. Spark plugs cleaned and gapped, magneto timing checked. #1 74/80, #2 76/80, #3 76/80, #4 74/80, #5 74/80, #6 76/80. Engine washed and run-up checked OK.

I certify that this engine has been inspected in accordance with an **annual inspection** and determined to be in an airworthy condition.

Steven Vander Valk
Steven Vander Valk A&P 2919106 IA
Paragon Aircraft Service

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections,

Engine Logbook Entry		Paragon Aircraft Service, Inc. 19 Wright Way, Fairfield, NJ 07004 Phone: (973)575-0364 Fax (973)244-1884					Authorized Cessna Service Center	
Date	N' Number	Make/Model	Serial#	Tach	TSMOH	Total Time	W. O.	
5/25/2012	N400LP	TSIO550C10	802787		506.8	506.8	7148	
<p>Changed oil and filter. Cut open oil filter no metal found. Serviced with 8 quarts Aeroshell 15W50. Spark plugs cleaned, gapped and rotated. Magneto timing checked. #1 70/80, #2 70/80, #3 72/80, #4 70/80, #5 72/80, #6 70/80. Engine run up checked OK.</p> <p>I certify that this engine has been inspected in accordance with an Annual Inspection and determined to be in an airworthy condition.</p> <p>I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed.</p>								
Authorized Signature: 				Steven VanderValk A&P 2919106 IA				

Engine Logbook Entry		Paragon Aircraft Service, Inc. 19 Wright Way, Fairfield, NJ 07004 Phone: (973)575-0364 Fax (973)244-1884					Authorized Cessna Service Center	
Date	N' Number	Make/Model	Serial#	Tach	TSMOH	Total Time	W. O.	
10/15/2013	N400LP	TSIO550C10	802787		548.3	548.3	7621	
<p>Changed oil and filter. Cut open oil filter no metal found. Serviced with 8 quarts Phillips X/C20W50M. Removed and reinstalled cylinders #1,3 and 6 after repair by Coastal Aviation Industries due to low compressions. Spark plugs cleaned, gapped and rotated. Magneto timing checked. #1 78/80, #2 62/80, #3 78/80, #4 60/80, #5 60/80, #6 78/80, Master Orifice 43/80. Engine run up checked OK.</p> <p>I certify that this engine has been inspected in accordance with an Annual Inspection and determined to be in an airworthy condition.</p> <p>I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed.</p>								
Authorized Signature: 				Steven VanderValk A&P 2919106 IA				

Engine Logbook Entry		Paragon Aircraft Service, Inc. 19 Wright Way, Fairfield, NJ 07004 Phone: (973)575-0364 Fax (973)244-1884					Authorized Cessna Service Center	
Date	N' Number	Make/Model	Serial#	Tach	TSMOH	Total Time	W. O.	
12/3/2018	N400LP	TSIO550C10	802787		559.6	559.6	9172	
<p>Changed oil and filter. Cut open oil filter no metal found. Serviced with 8 quarts Phillips X/C20W50. Spark plugs cleaned, gapped and rotated. Magneto timing checked. Removed right magneto, disassembled and inspected for corrosion, checked OK. Reassembled magneto and installed on engine. #1 780/80, #2 70/80, #3 78/80, #4 68/80, #5 54/80, #6 70/80, Master Orifice 44/80. Installed new #3 intake pipe. Installed new right turbo transition exhaust manifold. Removed and reinstalled fuel pump SN B05FA343 after overhaul by Ametek B&S Aircraft Parts & Accessories, see 8130 in aircraft records. Installed overhauled CMI starter adapter, see 8130 in aircraft records. Replaced air conditioning compressor mount EQ7527. Engine run up checked OK.</p> <p>I certify that this engine has been inspected in accordance with an Annual Inspection and determined to be in an airworthy condition.</p> <p>I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed.</p>								
Authorized Signature: 				Steven VanderValk A&P 2919106 IA				