

ENGINE LOG BOOK



CONTINENTAL MOTORS

Cirrus SR 22
N525BE

Horner Chen, Jr.
01-03-2002

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.**

This engine model I0550N7, Serial Number 685883
was manufactured on 11-19-01 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

Hrs.		Min.		Hrs.		Min.	
11-28-01	0	0					

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

SERVICED ENGINE WITH 8 QUARTS OF
 20W-50 MINERAL OIL. CIRRUS DESIGN CORP

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1
 Repair Station #NF2R029L ENGINE LOG #1
 Type CIRRUS SR22 TT 25
 N # 525BE TSMOH -----
 S/N 0136 REC. HR. METER 25

ENGINE MODEL IO-550-N(7)
 ENGINE S/N 685883

CHANGE OIL AND FILTER-
 DRAINED OIL AND REMOVED FILTER. INSPECTED FILTER FOR CON-
 TAMINANTS. NONE DETECTED. INSTALLED NEW FILTER P/N CH48108
 AND SERVICED ENGINE WITH 8 QUARTS OF 20W50 PHILLIPS TYPE M
 OIL. GROUND RAN THE ENGINE AND CHECKED FOR LEAKS.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
 REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
 OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
 SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
 REPAIR STATION UNDER W.O. # 10235 DATE: 1-17-02
 SIGNED: BRUCE P. REBECHINI *Bruce Rebechini* For
 J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185
 F.A.A. APPROVED REPAIR STATION #NF2R029L

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1
 Repair Station #NF2R029L ENGINE LOG #1
 Type CIRRUS SR22 TT 33
 N # 525BE TSMOH -----
 S/N 0136 REC. HR. METER 33

ENGINE MODEL IO-550-N(7)
 ENGINE S/N 685883

INSTALL OPTIONAL IMPROVED INDUCTION DRAIN FITTINGS-
 INSTALLED 6 NEW DRAIN FITTINGS P/N 655742 AS PER CIRRUS
 SERVICE ADVISORY SA02-02 AND TCM SERVICE LETTER SIL00-11A.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
 REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
 OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
 SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
 REPAIR STATION UNDER W.O. # 10439 DATE: 3-13-02
 SIGNED: *Bruce Rebechini* For
 J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185
 F.A.A. APPROVED REPAIR STATION #NF2R029L

Date	J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1
	Repair Station #NF2R029L ENGINE LOG #1
	Type CIRRUS SR22 TT 41
	N # 525BE TSMOH
Brought Forward	S/N 0136 REC. HR. METER 41
	ENGINE MODEL IO-550-N(7)
	ENGINE S/N 685883
	CHANGE OIL AND FILTER-
	CHANGED THE OIL AND FILTER. OPENED AND INSPECTED THE FILTER
	SERVICED THE ENGINE WITH 20W50 EXON ELITE AND A NEW CH48108
	FILTER. GROUND RAN AND LEAK CHECKED.
	THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
	REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
	OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
	SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
	REPAIR STATION UNDER W.O. # 10638 DATE: 4-19-02
	SIGNED: BRUCE P. REBECHINI <i>Bruce P. Rebechini</i> For
	J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185
	F.A.A. APPROVED REPAIR STATION #NF2R029L

Record
Inspections,

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1
Repair Station #NF2R029L ENGINE LOG #1
Type CIRRUS SR22 TT 88
N # 525BE TSMOH
S/N 0136 REC. HR. METER 88
ENGINE MODEL IO-550-N(7)
ENGINE S/N 685883
OIL CHANGE-
DRAINED OIL & REMOVED FILTER. INSPECTED FILTER FOR
CONTAMINANTS, NONE DETECTED. SERVICED ENGINE WITH 8 QTS OF
20W50EL EXXON OIL & NEW FILTER P/N CH48108.
THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
REPAIR STATION UNDER W.O. # 11289 DATE: 9/6/02
SIGNED: DONALD K. MORGAN <i>Donald K. Morgan</i> For
J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185
F.A.A. APPROVED REPAIR STATION #NF2R029L

Record
Sections,

1. Approving National Aviation Authority Country FAA United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number SAME AS BLOCK 5	
4. Organization Name and Address Teledyne Continental Motors P.O. Box 90 Mobile, Alabama 36601				5. Work Order/Contract/Invoice Number P30177	
6. Item 1	7. Description COOLER-ENG	8. Part Number 654585	9. Eligibility * I0550G		
10. Quantity 1	11. Serial/Batch Number L02-200-802	12. Status/Work NEW			
13. Remarks					
14. Certifies the items identified above were manufactured in conformity to:			<input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		
15. Authorized Signature <i>William F. Sciabarrasi</i>		16. Approval/Authorization No. DMIR#CE-511008	20. Authorized Signature XXXXXXXXXXXXXXXXXXXX		21. Approval/Certificate Number XXXXXXXXXX
17. Name (Typed or Printed) W. F. Sciabarrasi		18. Date (m/d/y) 01/02/2003	22. Name (Typed or Printed) XXXXXXXXXXXXXXXXXXXX		23. Date (m/d/y) XXXXXXXXXX
User/Installer Responsibilities					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					

*installer must cross check eligibility with applicable technical data.

Brought Forward →

Modifications and Service Bulletins

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 4
 Repair Station #NF2R029L ENGINE LOG #1
 Type CIRRUS SR22 TT 132
 N # 525BE TSMOH
 S/N 0136 REC. HR. METER 132

ENGINE MODEL IO-550-N(7)
 ENGINE S/N 685883

ENGINE INSPECTION-
 AT THIS TIME, THIS ENGINE WAS INSPECTED AND SERVICED AS PER CIRRUS & TCM SERVICE MANUALS FOR AN ANNUAL INSPECTION. COMPRESSION WAS TESTED AS FOLLOWS: #1-75, #2-71, #3-70, #4-70, #5-75, #6-72---ALL OVER 80. THE OIL & FILTER WERE CHANGED. OPENED AND INSPECTED THE FILTER. SERVICED THE ENGINE WITH 20W50 EXXON ELITE OIL. FUEL INJECTORS WERE ULTRASONICALLY CLEANED. FUEL SCREENS WERE CLEANED. MAG TIMING AND CONDITION WERE CHECKED. IGNITION LEADS AND CONDITION OF PLUGS WERE CHECKED. ENGINE ACCESSORIES WERE CHECKED FOR CONDITION, SECURITY AND PROPER OPERATION. THE EXHAUST AND INDUCTION SYSTEM WERE CHECKED FOR CONDITION AND SECURITY. THESE ITEMS WERE REPAIRED, REPLACED OR CORRECTED.

OIL COOLER FLANGE CRACKED-
 REMOVED CRACKED OIL COOLER. INSTALLED NEW COOLER P/N 654585 S/N L02-200-802. RAN ENGINE WITH NO LEAKS DETECTED.

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 2
 Repair Station #NF2R029L ENGINE LOG #1
 Type CIRRUS SR22 TT 132
 N # 525BE TSMOH
 S/N 0136 REC. HR. METER 132

ENGINE MODEL IO-550-N(7)
 ENGINE S/N 685883

I CERTIFY THAT THIS *Engine* WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER W.O.# 11729/11733 . DATE 01/10/03
 J.A. AIR CENTER, DUPAGE AIRPORT, WEST CHICAGO, IL 60185
 FAA APPROVED REPAIR STATION #NF2R029L

*
 * *Donald K. Morgan*
 DONALD K. MORGAN INSPECTOR

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 Forward	→			

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 4
 Repair Station #NF2R029L ENGINE LOG #1
 Type CIRRUS SR22 TT 132
 N # 525BE TSMOH
 S/N 0136 REC. HR. METER 132

ENGINE MODEL IO-550-N(7)
 ENGINE S/N 685883

ENGINE INSPECTION-

AT THIS TIME, THIS ENGINE WAS INSPECTED AND SERVICED AS PER CIRRUS & TCM SERVICE MANUALS FOR AN ANNUAL INSPECTION. COMPRESSION WAS TESTED AS FOLLOWS: #1-75, #2-71, #3-70, #4-70, #5-75, #6-72—ALL OVER 80. THE OIL & FILTER WERE CHANGED. OPENED AND INSPECTED THE FILTER. SERVICED THE ENGINE WITH 20W50 EXXON ELITE OIL. FUEL INJECTORS WERE ULTRASONICALLY CLEANED. FUEL SCREENS WERE CLEANED. MAG TIMING AND CONDITION WERE CHECKED. IGNITION LEADS AND CONDITION OF PLUGS WERE CHECKED. ENGINE ACCESSORIES WERE CHECKED FOR CONDITION, SECURITY AND PROPER OPERATION. THE EXHAUST AND INDUCTION SYSTEM WERE CHECKED FOR CONDITION AND SECURITY. THESE ITEMS WERE REPAIRED, REPLACED OR CORRECTED.

OIL COOLER FLANGE CRACKED—
 REMOVED CRACKED OIL COOLER. INSTALLED NEW COOLER P/N 654585 S/N L02-200-802. RAN ENGINE WITH NO LEAKS DETECTED.

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 2
 Repair Station #NF2R029L ENGINE LOG #1
 Type CIRRUS SR22 TT 132
 N # 525BE TSMOH
 S/N 0136 REC. HR. METER 132

ENGINE MODEL IO-550-N(7)
 ENGINE S/N 685883

I CERTIFY THAT THIS Engine WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER W.O.# 11729/11733 . DATE 01/10/03
 J.A. AIR CENTER, DUPAGE AIRPORT, WEST CHICAGO, IL 60185
 FAA APPROVED REPAIR STATION #NF2R029L

* *Donald K. Morgan*
 * DONALD K. MORGAN INSPECTOR

Brought Forward

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1
Repair Station #NF2R029L ENGINE LOG #1
Type CIRRUS SR22 TT 172
N # 525BE TSMOH
S/N 0136 REC. HR. METER 172
ENGINE MODEL IO-550-N(7)
ENGINE S/N 685883

CHANGED OIL AND FILTER-
DRAINED OIL AND REMOVED FILTER. CUT OPEN AND INSPECTED FOR
CONTAMINANTS, METAL SHAVINGS FOUND. OIL SAMPLE WAS TAKEN.
PERFORMED COMPRESSION CHECK, FOUND #3 CYLINDER TO BE
48 OVER 80 WHICH IS WITHIN CONTINENTAL TOLERANCES. REMOVED
#3 VALVE COVERS AND INSPECTED OIL FOR METAL SHAVINGS, NONE
DETECTED. SERVICED ENGINE WITH 8 QTS. EXXON ELITE 20W50 OIL
AND INSTALLED NEW FILTER P/N CH48108. RAN ENGINE AND
INSPECTED FOR LEAKS, NONE DETECTED.
THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
REPAIR STATION UNDER W.O. # 12333 DATE: 6/5/03
SIGNED: DONALD K. MORGAN *D.K. Morgan* For
J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185
F.A.A. APPROVED REPAIR STATION #NF2R029L

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 2
Repair Station #NF2R029L ENGINE LOG #1
Type CIRRUS SR22 TT 200
N # 525BE TSMOH
S/N 0136 REC. HR. METER 200
ENGINE MODEL IO-550-N(7)
ENGINE S/N 685883

OIL AND FILTER CHANGE-
DRAINED OIL AND REMOVED FILTER. CUT OPEN AND INSPECTED FOR
CONTAMINANTS. OIL SAMPLE TAKEN. SERVICED ENGINE WITH
8 QTS. EXXON ELITE 20W50 OIL AND INSTALLED NEW FILTER
P/N CH48108.
THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
REPAIR STATION UNDER W.O. # 12463 DATE: 08/06/03
SIGNED: DONALD K. MORGAN *D.K. Morgan* For
J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185
F.A.A. APPROVED REPAIR STATION #NF2R029L

Date

J. A. AIR CENTER DuPage Airport/West Chicago, IL. 60185 P 2
Repair Station #NF2R029L

Type CIRRUSS SR22 ENGINE LOG #1

N # 525BE TT 240

S/N 0136 TSMOH

REC. HR. METER 240

ENGINE MODEL IO-550-N(7)

ENGINE S/N 685883

ENGINE INSPECTION-

AT THIS TIME, THIS ENGINE WAS INSPECTED AND SERVICED AS PER CIRRUSS & TCM SERVICE MANUALS FOR AN ANNUAL INSPECTION. COMPRESSION WAS TESTED AS FOLLOWS: #1-67, #2-65, #3-66, #4-67, #5-67, #6-63---ALL OVER 80. THE OIL & FILTER WERE CHANGED. OPENED AND INSPECTED THE FILTER. SERVICED THE ENGINE WITH ROWSOEL PHILLIPS OIL. FUEL INJECTORS WERE ULTRASONICALLY CLEANED. FUEL SCREENS WERE CLEANED. MAG TIMING AND CONDITION WERE CHECKED. IGNITION LEADS AND CONDITION OF PLUGS WERE CHECKED. ENGINE ACCESSORIES WERE CHECKED FOR CONDITION, SECURITY AND PROPER OPERATION. THE EXHAUST AND INDUCTION SYSTEM WERE CHECKED FOR CONDITION AND SECURITY. THESE ITEMS WERE REPAIRED, REPLACED OR CORRECTED.

OIL FILLER NECK LEAKING AROUND BASE-

REMOVED OIL FILLER NECK. REPLACED O-RINGS P/N MS9970-117 AND MS9970-116. ALSO REPLACED GASKET P/N 649965. REINSTALLED FILLER NECK AND ALL OTHER PARTS THAT WERE REMOVED TO NECESSITATE INSTALLATION.

VALVE COVERS LEAKING OIL-

REPLACED VALVE COVER GASKETS P/N 655705 ON ALL CYLINDERS.

FULL POWER FUEL FLOW INDICATION LOW-

SET THE TAKE OFF FUEL PRESSURE PER TCM SPECS. OPERATIONAL CHECK SATISFACTORY.

IDLE MIXTURE LEAN-

CORRECTED THE ENGINE IDLE MIXTURE PER TCM SPECS.

I CERTIFY THAT THIS *Engine* WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER W.O.# 12815/12817 DATE 1/6/04

J.A. AIR CENTER, DUPAGE AIRPORT, WEST CHICAGO, IL 60185

FAA APPROVED REPAIR STATION #NF2R029L

* *Donald K. Morgan*
DONALD K. MORGAN

INSPECTOR

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 For

Mukenschnabl, Inc.

DuPage Airport, West Chicago, IL 60185

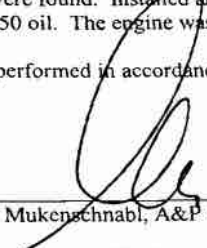
Aircraft: 525BE Date: 7/1/04 Shop Order: 4574

TACH: 285.1 HOBBS: TTAF: 285.1 TTENG 285.1 TSMO

Accomplished the following:

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. Installed and safetied new oil filter P/N CH48108-1. Serviced engine with 8 qts of Exx Elite 20W50 oil. The engine was run and checked for leaks (none apparent).

All work performed in accordance with manufacturer's specifications and Federal Aviation Regulations.


Robert F. Mukenschnabl, A&P 1490429

(end)

Mukenschnabl, Inc.

DuPage Airport, West Chicago, IL 60185

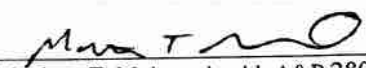
Aircraft: 525BE Date: 10/22/04 Shop Order: 4679

HOBBS: 314.2

The following work was accomplished:

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. Installed and safetied new oil filter P/N CH48108-1. Serviced engine with 8 qts. of Exxon Elite oil. The engine was run and checked for leaks (none apparent).

All work was performed in accordance with Cirrus's specifications and Federal Aviation Regulations.


Matthew T. Mukenschnabl, A&P 2802644

(continued) (end)

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 For

Mukenschnabl, Inc.
DuPage Airport, West Chicago, IL 60185
Aircraft: N525BE Date: 3/16/05 Shop Order: 4806

TT A/F 342.5 HOBBS 342.5 TT ENG: 342.5

The following engine work was accomplished: Removed fuel nozzles, cleaned, and reinstalled nozzles.

SB 2X-71-06 R1, Issued 2003/12/18: Premium Engine Mount Upgrade, C/W by installation of six-point premium engine mount and modifying existing exhaust system.

All work was performed in accordance with Cirrus Design specifications and Federal Aviation Regulations.


Matthew T. Mukenschnabl, IA 2802644

(end)

Mukenschnabl, Inc.
DuPage Airport, West Chicago, IL 60185
Aircraft: N525BE Date: ~~12/04/05~~ 6/10/05 Shop Order: ~~4759~~ 4854

TTAF: 370.0 HOBBS: 370.0 TT ENG 370.0

Accomplished the following:

The engine oil was drained, the filter element removed, opened and inspected. Installed and safetied new oil filter P/N CH48108-1. Serviced engine with 8 qts. of Exxon Elite 20W50 oil. The engine was run and checked for leaks (none apparent).

All work performed in accordance with manufacturer's specifications and Federal Aviation Regulations.


Matthew T. Mukenschnabl, A&P 2802644

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	→				<i>This log entry is out of sequence</i>

Mukenschnabl, Inc.
 DuPage Airport, West Chicago, IL 60185
 Aircraft: N525BE Date: 1/20/05 Shop Order: 4759

TT A/F 334.8 HOBBS 334.8 TT ENG: 334.8

This engine has been given a 100 hr/annual inspection in accordance with the Aircraft Manufacturer's Instructions and the Engine Manufacturer's Instructions. Re-timed magnetos to 22° BTDC.

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. A new filter p/n CH48108-1 was installed. The engine was serviced with 8qts. of 20W50 Elite oil. The engine was run and checked for leaks (none apparent). Cylinder compression #1 73/80, #2 73/80, #3 71/80, #4 70/80, #5 73/80, #6 73/80

The current status of applicable ADs was researched through 05-01.

I certify that this ENGINE has been inspected in accordance with a 100 hr/annual inspection and was determined to be in AIRWORTHY condition.


 Matthew T. Mukenschnabl, IA 2802644

(continued) (end)

Mukenschnabl, Inc.
 DuPage Airport, West Chicago, IL 60185
 Aircraft: 525BE Date: 8/19/05 Shop Order: 5025

HOBBS: 404.7

Accomplished the following:

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. Installed and safetied new oil filter p/n CH48108-1. Serviced engine with 8 qts of Exxon Elite 20W50 oil. The engine was run and checked for leaks (none apparent).

All work performed in accordance with manufacturer's specifications and Federal Aviation Regulations.


 Matthew T. Mukenschnabl, A&P 2802644

Mukenschnabl, Inc.
DuPage Airport, West Chicago, IL 60185
Aircraft: N525BE Date: 01/01/06 Shop Order: 5170

TT A/F 437.0 HOBBS 437.0 TT ENG: 437.0

This engine has been given a 100 hr/annual inspection in accordance with the Aircraft Manufacturer's Instructions and the Engine Manufacturer's Instructions. Re-timed magnetos to 22° BTDC.

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. A new filter p/n CH48108-1 was installed. The engine was serviced with 8qts. of 20W50 Elite oil. The engine was run and checked for leaks (none apparent). Cylinder compression #1 77/80, #2 70/80, #3 70/80, #4 72/80, #5 73/80, #6 72/80.

The current status of applicable ADs was researched through 05-24.

I certify that this ENGINE has been inspected in accordance with a 100 hr/annual inspection and was determined to be in AIRWORTHY condition.


Matthew T. Mukenschnabl, IA 2802644

(continued) (end)

Mukenschnabl, Inc.
DuPage Airport, West Chicago, IL 60185
Aircraft: N525BE Date: 05/12/06 Shop Order: 5282

TACH: HOBBS: 0473.3 TTAF: 0473.3 TTENG 0473.3 TSMO

Accomplished the following:

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. Installed and safetied new oil filter p/n CH48108-1. Serviced engine with 8 qts of 20W50 Exxon Elite oil. The engine was run and checked for leaks (none apparent). All rocker box cover gaskets were changed and new parts p/n 655705 were installed. Twelve (12) new spark plugs and gaskets were installed p/n RHB32S.

All work performed in accordance with manufacturer's specifications and Federal Aviation Regulations.


Robert F. Mukenschnabl, A&P 1490429

(end)

Aircraft: N525BE Date: 07/21/06 Shop Order: 5327

TACH: HOBBS: 0497.2 TTAF: 0497.2 TTENG 0497.2 TSMO

Accomplished the following:

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. Installed and safetied new oil filter p/n CH48108-1. Serviced engine with 8 qts of 20W50 Exxon Elite oil. The engine was run and checked for leaks (none apparent).

All work performed in accordance with manufacturer's specifications and Federal Aviation Regulations.


Robert F. Muckenschnabl, A&P 1490429

(end)

Date: 1/18/2007; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 527.3; Total Time: 527.3; Engine - Type: IO-550N7, S/N: 685883, Time: 527.3; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 527.3

Engine Work ID 2349

Completed an Annual Inspection in accordance with the Cirrus Design SR22 Inspection Form and Service Manual. Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. 20W50 Exxon Elite. Compression test as follows: #1) 71/80, #2) 72/80, #3) 72/80, #4) 74/80, #5) 68/80, #6) 73/80. Clean, gap and tested spark plugs. Completed 500 hr magneto inspection in accordance with TCM Service Manual on left and right mags. Replaced contact points p/n 10-382584 in left mag with new. Replaced oil seals p/n 10-35792 felt strips p/n 10-163374, felt washers p/n 10-50752 and gaskets p/n 10-400813 on left and right mags with new. Internally timed mags and timed mags to engine. Complied with TCM MSB 845 by inspection of impulse coupling, no defects noted, next due 1027.3 ACTT. Checked engine control travels and lubricated. Ground run for ops and leak ck good.

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

Kevin Fenske
A&P2886592 IA



Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 5/18/2007; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 552.6; Total Time: 552.6

Engine Work ID 2719

Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. 20W50 Exxon Elite. Ground run for ops and leak ck good.

Benjamin J. Pitterle
A&P390747277 IA



Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



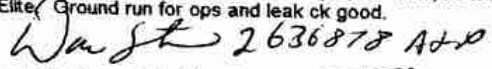
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1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 9/20/2007; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 589.4; Total Time: 589.4

Engine Work ID 3139

Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. 20W50 Exxon Elite. Ground run for ops and leak ck good.

Dan Stammen
A&P 2636878



Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



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1741 River Drive
Watertown, WI 53094
920-261-4567

Ice Record
Special Inspections,

Date: 1/25/2008; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 608.5; Total Time: 608.5; Engine - Type: IO-550N7, S/N: 685883, Time: 608.5, SMOH: 608.5; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 608.5, SMOH: 608.5

Engine Work ID 3449

Completed an Annual Inspection in accordance with the Cirrus Design SR22 Inspection Form and Service Manual. Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. 20W50 Exxon Elite. Compression test as follows: #1) 74/80, #2) 73/80, #3) 73/80, #4) 78/80, #5) 68/80, #6) 74/80. Clean, gap and tested spark plugs. Checked mag to engine timing. Checked engine control travels and lubricated. Ground run for ops and leak ck good.

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

Scott E. Yeager
A&P262535793 IA

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



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1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 9/09/2008; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 646.7; Total Time: 646.7

Engine Work ID 4128

Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Exxon Elite 20W50. Ground run for ops and leak check good.

Kevin K. Fenske
A&P2886592 IA

Kevin K. Fenske A&P2886592

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 2/10/2009; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 672.8; Total Time: 672.8; Engine - Type: IO-550N7, S/N: 685883, Time: 672.8; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 672.8

Engine Work ID 4501

Completed an Annual Inspection in accordance with the Cirrus Design SR22 Inspection Form and Service Manual. Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. 20W50 Exxon Elite. Compression test as follows: #1) 70/80, #2) 76/80, #3) 68/80, #4) 73/80, #5) 74/80, #6) 73/80. Cleaned, gapped and tested spark plugs. Checked mag to engine timing. Checked engine control travels and lubricated. Ground run for ops and leak ck good.

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

Kevin K. Fenske
A&P2886592 IA

Kevin K. Fenske A&P2886592

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



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1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 5/05/2009; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 684.6; Total Time: 684.6

Engine Work ID 4676

Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Exxon Elite 20W50. Ground run for ops and leak checked good.





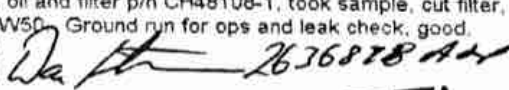

Doug Seibel
A&P389765035 IA

Doug Seibel A&P389765035

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



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1741 River Drive
Watertown, WI 53094
920-261-4567

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					
					<p>Date: 1/04/2010; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 715.2; Total Time: 715.2; Engine - Type: IO-550N7, S/N: 685883, Time: 715.2; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 715.2</p> <p>***Engine Work***</p> <p>Completed an Annual Inspection in accordance with FAR 43, Appendix D</p> <p>AD 09-24-52 (11/18/09) Hydraulic Valve Lifters not applicable due to engine mfg year and no lifter work after dates specified in AD. AD 09-16-03 (9/9/09) Superior Air Parts Investment Cast Cylinder Assemblies not applicable due to Superior cylinders not installed. AD 09-19-07 (10/7/09) EQ3 Cylinder Head Assemblies not applicable due to engine model number. Complied with TCM 300Hr Fuel nozzle cleaning recommendations. Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Exxon Elite 20W50. Compression test as follows: #1) 72/80, #2) 74/80, #3) 73/80, #4) 72/80, #5) 73/80, #6) 73/80. Cleaned, gapped and tested spark plugs. Adjusted idle mixture and idle to be within specs per Cirrus Operational and Functional Checklist. Checked mag to engine timing. Checked engine control travels and lubricated. Ground run for all ops and leak check good.</p> <p>I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</p> <p>Kevin K. Fenske A&P2886592 IA</p> <p><input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003</p>   <p>IA2096592</p> <p><input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567</p>
					<p>Date: 1/11/2011; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 766.9; Total Time: 766.9; Engine - Type: IO-550N7, S/N: 685883, Time: 766.9; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 766.9</p> <p>***Engine Work***</p> <p>Completed an Annual inspection in accordance with FAR 43, Appendix D.</p> <p>AD 10-11-04 (6/16/10) Hydraulic Valve Lifters not applicable due to engine mfg year and no lifter work performed during dates specified in AD. Compression test as follows: #1) 62/80, #2) 60/80, #3) 66/80, #4) 68/80, #5) 67/80, #6) 65/80. Removed and sent cylinder to Poplar Grove Airmotive for repair. Installed cylinder #5 IO550N, s/n PGA3870, after repair by Poplar Grove Airmotive, Inc. CRS# YYBR664L, Wo# 3870, dated 1/5/2011. Changed oil and filter CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Shell 080M. Ground run for ops and leak check good. Cleaned, gapped and tested spark plugs. Replaced #6 cylinder spark plug RHB32S with new. Checked mag to engine timing. Checked engine control travels and lubricated.</p> <p>I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.</p> <p>Kevin K. Fenske A&P2886592 IA</p> <p><input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003</p>   <p>IA2096592</p> <p><input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567</p>
					<p>Date: 10/14/2011; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 795.0; Total Time: 795.0</p> <p>***Engine Work***</p> <p>Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Exxon Elite 20W50. Ground run for ops and leak check, good.</p> <p>Dan Stammen A&P 2636878</p> <p><input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003</p>   <p><input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567</p>

Hrs.	Min.	Hrs.	Min.
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Engine Service and Maintenance Record

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

Date: 2/01/2012; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 807.2; Total Time: 807.2; Engine - Type: IO-550N7, S/N: 685883, Time: 807.2; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 807.2
 *** Engine Work ***

Completed an Annual inspection in accordance with FAR 43, Appendix D.
 AD 11-15-10 (8/16/11) Fuel servo inspection is not applicable by no servo work performed during times specified in the AD. Complied with Cirrus SB 2X-74-01 (11/15/11) Fine wire spark plug replacement by removing fine wire plugs and installed new RHB32E plugs. Compression test as follows: #1) 64/80, #2) 61/80, #3) 66/80, #4) 65/80, #5) 78/80, #6) 68/80. Changed oil and filter CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Phillips X/C 20W/50. Checked mag to engine timing. Checked engine control travels and lubricated. Ground run for ops and leak check good. Cleaned, gapped and tested spark plugs.

I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.
 Kevin K. Fenske
 A&P2886592 IA

Kevin K. Fenske *IA2886592*

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date: 2/01/2012; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 807.2; Total Time: 807.2; Engine - Type: IO-550N7, S/N: 685883, Time: 807.2; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 807.2
 *** Engine Work ***

AD 11-26-07 (1/24/12) Champion Aerospace Slick Magneto inspection is not applicable by engine model number. AD11-25-51 (11/29/11) Starter Adapter inspection is not applicable by engine not turbocharged. AD 12-03-06 (2/24/12) AvStar Fuel System fuel servo diaphragm inspection is not applicable by no fuel servo work done during times specified in the AD.

Scott Reynolds
 A&P 3433994

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date: 3/06/2013; Aircraft: N525BE; Type: CIRRUS SR22; S/N: 0136; Hobbs: 848.6; Total Time: 848.6; Engine - Type: IO-550N7, S/N: 685883, Time: 848.6; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 848.6
Engine Work

Completed an Annual inspection in accordance with FAR 43, Appendix D.
AD 12-10-13 (6/8/12) Starter Adapter Shaft Gear inspection is not applicable by starter adapter has greater than 100 hours time in service at release of the AD.

Compression test performed in accordance with TCM SB03-3, compressions as follows: #1) 76/80, #2) 77/80, #3) 76/80, #4) 78/80, #5) 78/80, #6) 78/80. Master Orifice of the day 68. Performed borescope inspection per TCM SB03-3, no defects noted.

Changed oil and filter CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Phillips X/C 20W50. Checked mag to engine timing. Checked engine control travels and lubricated. Cleaned, gapped and tested spark plugs. Replaced cylinder #4 and #5 engine rocker covers gaskets p/n 655705 with new. Replaced #6 induction tube gasket p/n 649950 with new. Replaced fuel line hold down clip on cylinder #6 fuel line p/n 652436-1 with new. Adjusted engine idle speed to within specs. Ground run for operational and leak checks good.

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

Bobby Wangler
A&P 2702325 IA

Bobby Wangler AP 2702325 IA

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Brought F

Date: 4/01/2014; Aircraft: N525BE; Type: CIRRUS SR22; S/N: 0136; Hobbs: 879.0; Total Time: 879.0; Engine - Type: IO-550N7, S/N: 685883, Time: 879.0; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 879.0
Engine Work

Completed an Annual inspection in accordance with FAR 43, Appendix D.
Continental Motors SB13-4A (8/26/13) Aneroid Equipped Fuel Pumps Inspection is not applicable by engine model number and no fuel pump replacements with affected units

Compression test performed in accordance with TCM SB03-3, compressions as follows: #1) 66/80, #2) 68/80, #3) 68/80, #4) 70/80, #5) 77/80, #6) 65/80. Master Orifice of the day 46/80. Performed borescope inspection per TCM SB03-3, no defects noted.

Changed oil and filter CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Phillips X/C 20W50. Reset magneto to engine timing. Checked engine control travels and lubricated. Cleaned, gapped and tested spark plugs. Ground run for operational and leak checks good.

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

Bobby Wangler *Bobby Wangler AP2702325 IA*
A&P 2702325 IA

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 9/03/2014; Aircraft: N525BE; Type: CIRRUS SR22; S/N: 0136; Hobbs: 895.4; Total Time: 895.4
*** Engine Work ***

Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 7 qts. Phillips X/C 20W50. Ground run for operational and leak checks good.

Dan Stammen *Dan Stammen 2636878 IA*
A&P 2636878 IA

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 4/08/2015; Aircraft: N525BE; Type: CIRRUS SR22; S/N: 0136; Hobbs: 915.2; Total Time: 915.2; Engine - Type: IO-550N7, S/N: 685883, Time: 915.2; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 915.2
Engine Work

Completed an Annual inspection in accordance with FAR 43, Appendix D.
AD 14-05-29 (4/25/14) Superior Air Parts Cast Cylinder Assemblies is not applicable by SAP cylinders are not installed.

Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 7 qts. Phillips X/C 20W50. Compression test performed in accordance with TCM SB03-3, compressions as follows: #1) 69/80, #2) 68/80, #3) 74/80, #4) 69/80, #5) 66/80, #6) 65/80. Master Orifice of the day 46/80. Performed borescope inspection per TCM SB03-3, no defects noted. Cleaned, gapped and tested spark plugs. Checked mag to engine timing. Checked engine control travels and lubricated. Replaced cylinder #2, 4, & 6 rocker cover gaskets p/n 632459 with new. Cleaned oil from around crankshaft seal. Ground run for operational and leak checks good.

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

Randall Effinger *Randall Effinger*
A&P 3439510 IA

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

