

**AIRCRAFT LOG**  
**AF5-1**

*Cirrus SR22 - N525BE*  
**Horner Chen, Jr.**  
*Aircraft Logbook 1*

# AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR22 DATE OF MFG. 12/01

SERIAL NUMBER 0136 REGISTRATION NUMBER N525BE

REGISTERED OWNER HORNER CHEN, SR.

STREET ADDRESS 11 NO. MEADOW CT.

CITY, STATE, ZIP SOUTH BARRINGTON, IL 60010

OPERATOR \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

OPERATOR \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

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## Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED \_\_\_\_\_

MAINTENANCE RESPONSIBILITY

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## INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL	IO550N7	R I I 685883
ENGINE			
PROPELLER	HARTZELL	PHC-J34F- IRF/F7694	FP1530B
PROPELLER			
ENGINE			
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PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			







## MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
1-4-02	15.1	Replaced Broken Console Laptop IAW AMM CH25 Replaced A/C Duv PN 12755-401 SN 90797 WITH NEW A/C Duv PN 12755-401 SN 90805 IAW AMM CH34-40 Removed scratch in Left Pass window IAW standard maintenance practices	Pertinent details are on file at this agency under Work Order # <u>D10402-04</u> Date <u>1-4-02</u> Signature <u>[Signature]</u> Cirrus Design Factory Service Center Duluth, MN Repair Station Cert. No. YD5R855Y
01-05-02	19.2	ADJUSTED R/H FUEL QUANTITY INDICATOR Full LEVEL DOWN IAW CIRRUS SR-22 AMM CHAPTER 28-40 PAGES 1 + 2.	Pertinent details are on file at this agency under Work Order # <u>D10502-01</u> Date <u>01-05-02</u> Signature <u>[Signature]</u> Cirrus Design Factory Service Center Duluth, MN Repair Station Cert. No. YD5R855Y

# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1  
 Repair Station #NF2R029L AIRFRAME LOG  
 Type CIRRUS SR22 TT 25  
 N # 525BE REC. HR. METER 25  
 S/N 0136

25 HOUR INSPECTION-  
 COMPLETED A 25 HOUR INSPECTION. CHECKED LIGHTS, SERVICED THE TIRES AND BATTERY. CHECKED THE GENERAL CONDITION OF THE AIRCRAFT AND SYSTEMS.

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 P. Rebechini* For  
 J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185  
 F.A.A. APPROVED REPAIR STATION #NF2R029L



## MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1  Repair Station #NF2R029L AIRFRAME LOG  Type CIRRUS SR22 TT 33  N # 525BE  S/N 0136 REC. HR. METER 33</p> <p>COMPLY WITH SB 22-71-02 IMPROVED INDUCTION FILTER SUPPORT-  COMPLIED WITH SB 22-71-02 BY INSTALLATION OF KIT 70020-002.  COMPLY WITH SB A22-95-01  COMPLIED WITH SB A22-95-01 BY INSTALLING CLAMP P/N 14055  I.A.W. BALLIATIC RECOVERY SYSTEMS INC.  COMPLY WITH SB 22-95-02 "MODIFICATON AND RE-ROUTE OF CAPS  ACTUATION CABLE"-  COMPLIED WITH SB 22-95-02 BY INSTALLING ASSY P/N 14055 NEXT  TO CAPS ACTUATION HANDLE. REMOVED ADEL CLAMP ADJACENT TO  ROCKET CONE ADAPTER. RE-ROUTED CABLE I.A.W. ACCOPUSHMENT  INSTINCTIONS. SPIRAL WRAPPED CABLE WHERE REQUIRED.  THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS  REPAIRED &amp; 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. # 10440 DATE: 3-13-02</p> <p>SIGNED: <i>[Signature]</i> For  J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185  F.A.A. APPROVED REPAIR STATION #NF2R029L</p>	

# MAINTENANCE RECORD

## F.A.R. 43.9

OF TION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>J A AIR CENTER DuPage Airport/West Chicago, IL. 60185</p> <p>Repair Station #NF2R029L</p> <p>Type CIRRUS SR22</p> <p>N # 525BE</p> <p>S/N 0136</p> <p>INSTALL OPTIONAL INDUCTION DRAIN IMPROVEMENT KIT-            INSTALLED 6 NEW DRAINS P/N 655742, AS PER CIRRUS SERVICE            ADVISORY SA 02-02 AND TCM SERVICE INSTRUCTION SILOO-11A.            THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS            REPAIRED &amp; 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</p> <p>SIGNED: <i>Dave Robinson</i></p> <p>J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185</p> <p>F.A.A. APPROVED REPAIR STATION #NF2R029L</p>	<p>P 1</p> <p>AIRFRAME LOG</p> <p>TT 33</p> <p>REC. HR. METER 33</p> <p>For</p>

## MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1  
 Repair Station #NF2R029L AIRFRAME LOG  
 Type CIRRUS SR22 TT 41

N # 525BE  
 S/N 0136

REC. HR. METER 41

SA01-19 AM-SAFE SB S04907-25-01 "WEB STOP INSTALLATION"-  
 COMPLIED WITH SA01-19 BY INSTALLING AM-SAFE WEB STOPS P/N  
 504636-1 AS PER SB S04907-25-01.

SB22-01-00 VIBRATION REDUCTION-  
 COMPLIED WITH SB22-01-00 BY INSTALLING SERVICE KIT P/N  
 70029-001 AS PER PARTS A THROUGH D OF THE SERVICE BULLETIN.  
 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.D. # 10637 - DATE: 4-19-02

SIGNED: *Eric Beckman*  
 J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185  
 F.A.A. APPROVED REPAIR STATION #NF2R029L

For

# MAINTENANCE RECORD

## F.A.R. 43.9

AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	<p>J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1</p> <p>Repair Station #NF2R029L AIRFRAME LOG</p> <p>Type CIRRUS SR22 TT 88</p> <p>N # 525BE</p> <p>S/N 0136 REC. HR. METER 88</p> <p><del>SB22-27-02</del> "FLAP WIRING HARNESS"-            INSTALLED P/N 70041- 101 FLAP WIRING HARNESS PER  <del>SB22-27-02</del></p> <p><del>SB22-95-03</del> "CAPS HANDLE ACCESS COVER"-            COMPLIED WITH <del>SB22-95-03</del> BY INSTALLING NEW ACCESS COVER OVER            HANDLE PER INSRUCTIONS.</p> <p>THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS            REPAIRED &amp; 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. # 11290 DATE: 9/6/02</p> <p>SIGNED: DONALD K. MORGAN <i>Donald Morgan</i> For</p> <p>J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185</p> <p>F.A.A. APPROVED REPAIR STATION #NF2R029L</p>	

## MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1</p> <p>Repair Station #NF2R029L AIRFRAME LOG</p> <p>Type CIRRUS SR22 TT 105</p> <p>N # 525BE</p> <p>S/N 0136 REC. HR. METER 105</p> <p>LEFT WHEEL FAIRING IS FUEL STAINED- REMOVED DECAL. CLEANED AND PAINTED THE FAIRING AND INSTALLED A NEW DECAL.</p> <p>REMOVE FUEL STAINS FROM THE LOWER LEFT WING- PAINTED LOWER WING PANEL TO REMOVE STAINS FROM LEAKING DRAIN</p> <p>NOSE WHEEL FAIRING IS LOOSE- REMOVED FAIRING AND TIGHTENED BRACKETS ON BOTH SIDES AND REINSTALLED THE FAIRING.</p> <p>SB22-76-01 POWER LEVER BEARING REPLACEMENT- C/W SB 22-76-01, BY INSTALLING POWER LEVER BEARING. P/N 14929-001.</p> <p>C/W SB A22-27-03 TRIM CARTRIDGE NUT REPLACEMENT- C/W SB A22-27-03, REPLACED NUTS ON TRIM CARTRIDGES FOR AILERON AND RUDDER PER THIS SB.</p> <p>C/W OWNER SERVICE ADVISORY SR22 EXHAUST SYSTEM FAILURE- C/W OWNERS SERVICE ADVISORY PER INSTRUCTIONS. #4 &amp; #5 EXHAUST SYSTEMS OK AT THIS TIME.</p> <p>SA-02-10, TACH SENSORS- C/W SA-02-10 BY CHECKING THE TACH. SENSOR. UNIT DOES NOT</p>	

# MAINTENANCE RECORD

## F.A.R. 43.9

LOCATION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 2  
 Repair Station #NF2R029L AIRFRAME LOG  
 Type CIRRUS SR22 TT 105  
 N # 525BE REC. HR. METER 105  
 S/N 0136

APPLY BY S/N.  
 SB22-32-03, NOSE GEAR SPINDLE CUP INSP.-  
 C/W SB22-32-03. BY INSTALLING A NEW TEFLON WASHER. THE  
 SPINDLE INSPECTED OK. RETORQUED AND SAFETIED PER  
 INSTRUCTIONS.

SB22-27-01 RUDDER PEDAL TORQUE TUBE BRACKET REPLACEMENT-  
 COMPLIED WITH SB22-27-01 BY INSTALLING NEW TORQUE TUBE  
 BRACKETS P/N 11478-002.

CHECK NOSE WHEEL FOR CRACKS AND CHECK BEARINGS-  
 INSPECTED THE NOSE WHEEL HALVES FOR CRACKS. NONE DETECTED.  
 CLEANED AND REPACKED THE BEARINGS AND BALANCED THE WHEEL  
 ASSY.

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. # 11347/11449 DATE, 9/26/02

SIGNED: DONALD K. MORGAN *Donald Morgan*  
 J.A. AIR CENTER, DUPAGE AIRPORT, W CHICAGO, IL 60185  
 F.A.A. APPROVED REPAIR STATION #NF2R029L

For

## MAINTENANCE RECORD F.A.R. 43.9

SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1  
 Repair Station #NF2R029L AIRFRAME LOG  
 Type CIRRUS SR22 TT 122  
 N # 525BE  
 S/N 0136 REC. HR. METER 122

REMOVE AILERON FOR AUTOPILOT REPAIR-  
 REMOVED AILERON AND RE-INSTALLED AFTER COMPLETION OF AUTO-PILOT REPAIR.

COMPLY WITH SB22-95-05 "REPLACEMENT OF CAPS ACTIVATION CABLE"

COMPLIED WITH SB22 95-05 BY INSTALLING NEW ACTIVATION CABLE MODIFYING EXISTING ROCKET SHIELD AND MODIFYING EXISTING ROCKET CONE ADAPTER. TESTED CABLE FOR PROPER OPERATION USING CAPS TEST FIXTURE P/N ST277 ALL FUNCTIONS NORMAL. SB22-95-04 NEW CABLE BRACKET INSTALLATION COMPLIED AFTER COMPLETING SB22-95-05,

AD2002-21-02-

AD2002-21-02 C/W BY COMPLIANCE WITH SB A22-27-03. 9/06/02.

# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 2  
 Repair Station #NF2R029L AIRFRAME LOG  
 Type CIRRUS SR22 TT 122  
 N # 525BE REC. HR. METER 122  
 S/N 0136

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. # 11551 DATE: 11/07/02

SIGNED: DONALD K. MORGAN *Donald Morgan* For  
 J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185  
 F.A.A. APPROVED REPAIR STATION #NF2R029L



## MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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J A AIR CENTER DuPage Airport/WestChicago, IL. 60185	P	1	
Repair Station #NF2R029L	AIRFRAME LOG		
Type CIRRUS SR22	TT 132		
N # 525BE	REC. HR. METER 132		
S/N 0136			

**AIRFRAME INSPECTION**

AT THIS TIME THIS AIRCRAFT WAS OPENED, CLEANED, INSPECTED & SERVICED AS PER CIRRUS SERVICE MANUAL FOR AN ANNUAL INSPECTION. ALL FLIGHT CONTROLS WERE CHECKED FOR PROPER CABLE TENSION, TRAVELS, CONDITION & LUBRICATED AS NECESSARY. THE ELECTRICAL & LIGHTING SYSTEMS WERE CHECKED FOR PROPER OPERATION & CONDITION. SERVICED THE AIRCRAFT BATTERY. FUNCTIONALLY TESTED THE ELT AND INSPECTED AS PER FAR91.207D. BATTERY EXPIRATION DATE IS MARCH 2008. INSPECTED AND SERVICED THE VACUUM SYSTEM. THE FUEL SYSTEM WAS CHECKED FOR CONDITION, LEAKS AND SECURITY. SERVICED THE FILTERS AND SUMPS. WHEELS WERE REMOVED. BEARINGS WERE CLEANED, INSPECTED AND GREASED. BRAKES WERE CLEANED AND SYSTEM SERVICED. INTERIOR COMPONENTS, SEAT STRUCTURES AND SEAT BELTS WERE CHECKED FOR PROPER OPERATION. THESE ITEMS WERE REPAIRED, REPLACED OR CORRECTED:

INSTALL ARNAV EMM-35 ENGINE MONITOR KIT-  
 INSTALLED ENGINE MONITORING ACCESSORY KIT P/N 425-0600A  
 PER ARNAV INSTALLATION MANUAL P/N 570-1210. INSTALLED

# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>J A AIR CENTER DuPage Airport/WestChicago, IL. 60185</p> <p>Repair Station #NF2R029L</p> <p>Type CIRRUS SR22</p> <p>N # 525BE</p> <p>S/N 0136</p> <p>EMM-35 P/N 453-5030-00 S/N 09095 UNDER THE COPILOT KICK PANEL. WIRING WAS ACCOMPLISHED IN ACCORDANCE WITH DRAWING #ENG-4971. INSTALLED HARNESS P/N 611-0602 THROUGH THE FIRE-WALL. INSTALLED SIX EGT PROBES, FIVE CHT PROBES, ONE CHT COMBO PROBE AND AN OAT PROBE PER THE INSTRUCTIONS. TESTED THE UNIT FOR PROPER OPERATION. REVISED THE AIRCRAFT WEIGHT &amp; BALANCE. SEE 337 FORM IN THE AIRCRAFT PAPERWORK.</p> <p>BRACKETT AIR FILTER ELEMENT IS DUE FOR REPLACEMENT- INSTALLED A NEW BRACKETT AIR FILTER ELEMENT P/N BA-24. REPLACEMENT IS DUE WITHIN 12 MONTHS OR ON CONDITION.</p> <p>AD 2002-05-05 CAPS CABLE CLAMP INSTALLATION- AD 2002-05-05 PREVIOUSLY COMPLIED WITH PER SB 22-95-01 ON 3/13/02.</p> <p>AD2002-24-08 CAPS ACTIVATION CABLE REPLACEMENT- AD 2002-24-08 PREVIOUSLY COMPLIED WITH PER SB 22-95-05 ON 11/08/02.</p> <p>SB22-24-01 GROUND CONTACT PLATE MODIFICATION- COMPLIED WITH SB22-24-01 BY INSTALLING NEW GROUND PLATE KIT P/N 70033-001.</p>	<p>P 2</p> <p>AIRFRAME LOG</p> <p>TT 132</p> <p>REC. HR. METER 132</p>

## MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 3            Repair Station #NF2R029L AIRFRAME LOG            Type CIRRUS SR22 TT 132            N # 525BE            S/N 0136 REC. HR. METER 132</p> <p>SA-02-16 EXHAUST INSPECTION-            COMPIED WITH SA02-16 BY VISUALLY INSPECTING THE EXHAUST            SYSYEM. NO DEFECTS DETECTED.</p> <p>I CERTIFY THAT THIS <i>A:plane</i> 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 . DATE 01/10/03            J.A. AIR CENTER, DUPAGE AIRPORT, WEST CHICAGO, IL 60185            FAA APPROVED REPAIR STATION #NF2R029L</p> <p>* <i>Donald K. Morgan</i>            * DONALD K. MORGAN INSPECTOR</p>	

# MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION      AIRCRAFT TIME IN SERVICE      DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED      AGENCY & CERTIFICATE WORK PERFORMED/RETURNED

**J.A. AIR CENTER**  
DuPage Airport • West Chicago, IL 60185  
FAA Repair Station #NF2R029L  
**AIRFRAME LOG ENTRY**

Type SR-22  
S/N 0136  
N# 525BE

Description of work done:

Replaced the roll trim servo p/n 12546-001  
s/n 315 with a warranty exchange unit  
p/n 12546-001, s/n 0700. Final ground check ok.


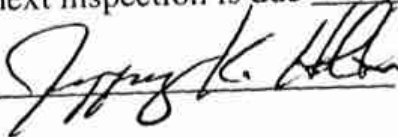
### MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and 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

WO 195041 Date 10-8-02 Tech/Hobbs 122 Signature *Norman Shambaugh*  
Inspector (print) Norman Shambaugh

## INSPECTION RECORD F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
12-27-01	9.1 Hrs	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Daniel Ryan      Date: <u>27 Dec 01</u></p> <p>Signature: <u></u></p> <p>Title: Director of Production Flight Test</p>
12-27-01	9.1	<p>I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>12/27/01</u>.</p> <p>The next inspection is due <u>12/31/02</u>.</p> <p><u></u></p> <p>Jeffrey K. Holter DMIR410073CE</p>

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT TIME  
IN SERVICE

**J.A. AIR CENTER**  
DuPage Airport • West Chicago, IL 60185  
FAA Repair Station #NF2R029L  
**AIRFRAME LOG ENTRY**

Type SR 22  
S/N 036  
N# 525BE

Description of work done:

REPLACED A-30 ENCODER WITH NEW UNIT  
SN/82100. TESTED STATIC AND ALTITUDE  
REPORTING.

### MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and 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

WO 195681 Date 12/17/03 Tach/Hobbs 128.2 Signature *Doug Mall*  
Inspector (print) Doug Mall

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
		SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1  
 Repair Station #NF2R029L AIRFRAME LOG  
 Type CIRRUS SR22 TT 151  
 N # 525BE  
 S/N 0136 REC. HR. METER 151

COMPLY WITH SB22-52-01-  
 INSTALLED DRAIN HOLES PER SB22-52-01.

COMPLY WITH SB22-55-05-  
 ENLARGED DRAIN HOLES PER SB22-55-05.

COMPLY WITH SB2X-57-03 AUXILIARY STRUCTURE WING TIP  
 SHEAR PIN ENGAGEMENT-  
 COMPLIED WITH SB2X-57-03 SERVICE INSTRUCTIONS AND FOUND  
 TO BE WITHIN LIMITS.

SB22-51-01-  
 INSTALLED LIGHTNING PROTECTION PER SB22-51-01.

COMPLY WITH SB22-71-03 BAFFLE MODIFICATION-  
 MODIFIED BAFFLE PER SB22-71-03.

SB2X-32-06 NOSE WHEEL FAIRING INSPECTION-  
 INSTALLED COUNTERSUNK WASHERS PER SB2X-32-06 ON THE NOSE  
 WHEEL FAIRING.

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT TIME  
IN SERVICE

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 2  
Repair Station #NF2R029L AIRFRAME LOG  
Type CIRRUS SR22 TT 151  
N # 525BE REC. HR. METER 151  
S/N 0136

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. # 12035/12034 DATE: 4/10/03

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



## INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1                      Repair Station #NF2R029L AIRFRAME LOG                      Type CIRRUS SR22 TT 156                      N # 5258E                      S/N 0136 REC. HR. METER 156</p> <p>SB2X-71-05 INDUCTION DUCT MODIFICATION-                      INSTALLED AIR INDUCTION DUCT ASSEMBLY SUPPORT                      BRACKET KIT P/N 70051-001 PER SB2X-71-05.</p> <p>THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS                      REPAIRED &amp; 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.D. # 12128 DATE: 4/30/03                      SIGNED: DONALD K. MORGAN <i>Donald Morgan</i> For                      J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185                      F.A.A. APPROVED REPAIR STATION #NF2R029L</p>

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION STATUS & DISCREPANCY LIST  
SIGNATURE - CRT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT TIME  
IN SERVICE

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1

Repair Station #NF2R029L

AIRFRAME LOG

Type CIRRUS SR22

TT 172

N # 525BE

S/N 0136

REC. HR. METER 172

SB2X-78-04 REPLACEMENT OF #4 & #5 EXHAUST HEADERS-  
COMPLIED WITH SB2X-78-04 BY INSTALLING NEW #4 WELDMENT  
HEADER P/N 70048-101 AND NEW #5 WELDMENT HEADER  
P/N 70048-102. INSPECTED WITHIN TOLERANCES. NO FURTHER  
ACTION IS REQUIRED.

SB2X-57-04 OUTBOARD AILERON HINGE INSPECTION-  
INSPECTED OUTBOARD AILERON HINGES PER SB2X-57-04, NO  
DISCREPANCIES FOUND. NO FURTHER ACTION TAKEN.

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. # 12253. DATE: 06/05/03

SIGNED: BRUCE P. REBECHINI

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

F.A.A. APPROVED REPAIR STATION #NF2R029L

For

## INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p> 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 &amp; 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. # 12233 DATE: 6/5/03  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 </p>

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT TIME  
IN SERVICE

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1  
Repair Station #NF2R029L AIRFRAME LOG  
Type CIRRUS SR22 TT 186

N # 525BE

S/N 0136

REC. HR. METER 186

AIRPLANE VIBRATES ON LANDING ROLL OUT-  
INSTALL NEW LEFT MAIN TIRE DUE TO FLAT SPOT. BALANCED  
BOTH MAIN WHEEL ASSEMBLIES. NO ABNORMAL VIBRATIONS WERE  
DETECTED DURING HIGH SPEED TAXI TEST.

NOSE GEAR FAIRING LOOSE-  
REMOVED LANDING GEAR FAIRINGS AND INSPECTED GEAR. FOUND  
RIGHT BRACKET FOR NOSE WHEEL FAIRING LOOSE. INSTALLED NEW  
BRACKET P/N 11799-002. FOUND CLICK BOND NUT PLATE BROKEN  
LOOSE FROM THE LEFT GEAR LEG. REATTACHED CLICK BOND WITH  
ADHESIVE.

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. # 12344 DATE:

SIGNED: DONALD K. MORGAN

For

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

F.A.A. APPROVED REPAIR STATION #NF2R029L

## INSPECTION RECORD

### F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION STATUS & DISCREPANCY LIST	
		SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
		<p>J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 2</p> <p>Repair Station #NF2R029L AIRFRAME LOG</p> <p>Type CIRRUS SR22 TT 186</p> <p>N # 525BE</p> <p>S/N 0136 REC. HR. METER 186</p> <p>THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED &amp; 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. # 12348/12344 DATE: 7/3/03</p> <p>SIGNED: DONALD K. MORGAN <i>Don Morgan</i> For</p> <p>J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185</p> <p>F.A.A. APPROVED REPAIR STATION #NF2R029L</p>	

# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

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 \_\_\_\_\_  
AIRCRAFT TIME \_\_\_\_\_  
INS \_\_\_\_\_

**J.A. Air Center**  
**FAA Repair Station NF2RO29L**

D

*525 BE*

**ALTIMETER CALIBRATION**

MFG UNITED MODEL 5934D-3 S/N 422399

SCALE ERROR		FRICTION		HYSTERESS
ALT	ERROR	ALT	OFF	
1000	-20	1000	35	
0	-10	2000	30	50% 30
500	-10	3000	40	
1000	-10	5000	50	40% 20
1500	-10	10000	70	
2000	+10	15000	25	AFTEREFFECT -20
3000	+10	20000	20	
4000	-10	25000		CASELEAKO
6000	-15	30000		
8000	-20	35000		
10000	-30	40000		
12000	-45	45000		
14000	-45			
16000	-50			
18000	-50			
20000	-40			
22000				
25000				
30000				
35000				
40000				
45000				
50000				

ALTIMETER TESTED IN ACCORDANCE WITH PART 43, APPENDIX 'E', TO COMPLY WITH FAR 91.411

DATE 12-30-03

W.O. # 199939

INSP. Kurt Pad

Description of work done:

FAA Repair Station #NF2R029L  
**AIRFRAME LOG ENTRY**

S/N 0150  
N# 525BE

Tested Altimeter(s), Altitude Reporting and Static System(s)  
in accordance with Part 43, Appendix E for compliance with  
FAR 91.411 and FAR 91.413.

Pilot Altimeter P/N 5934D-3 S/N 422399 Range 20K

Copilot Altimeter P/N \_\_\_\_\_ S/N \_\_\_\_\_ Range \_\_\_\_\_

Transponder tested in accordance with Part 43, Appendix F  
for compliance with FAR 91.413 this date.

Date 12-30-03 Make Garmin Model GTX-327 S/N 83707464

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and 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

WO 199939 Date 12-30-03 Tach/Hobbs 240.6 Signature Kurt Paskewic

Inspector (print) Kurt Paskewic



# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION STATUS & DISCREPANCY LIST  
SIGNATURE - CRT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME IN SERVICE

J. J. AIR CENTER DuPage Airport/West Chicago, IL. 60185 P 1  
 Repair Station #NF2R029L AIRFRAME LOG  
 Type CIRRUS SR22 TT 240  
 N # 525BE REC. HR. METER 240  
 S/N 0136

**AIRFRAME INSPECTION -**

AT THIS TIME THIS AIRCRAFT WAS OPENED, CLEANED, INSPECTED & SERVICED AS PER CIRRUS SERVICE MANUAL FOR AN ANNUAL INSPECTION. ALL FLIGHT CONTROLS WERE CHECKED FOR PROPER CABLE TENSION, TRAVELS, CONDITION & LUBRICATED AS NECESSARY. THE ELECTRICAL & LIGHTING SYSTEMS WERE CHECKED FOR PROPER OPERATION & CONDITION. SERVICED THE AIRCRAFT BATTERY. FUNCTIONALLY TESTED THE ELT AND INSPECTED AS PER FAR91.207D. BATTERY EXPIRATION DATE IS MARCH 2008.

THE FUEL SYSTEM WAS CHECKED FOR CONDITION, LEAKS AND SECURITY. SERVICED THE FILTERS AND SUMPS. WHEELS WERE REMOVED. BEARINGS WERE CLEANED, INSPECTED AND GREASED. BRAKES WERE CLEANED AND SYSTEM SERVICED. INTERIOR COMPONENTS, SEAT STRUCTURES AND SEAT BELTS WERE CHECKED FOR PROPER OPERATION. THESE ITEMS WERE REPAIRED, REPLACED OR CORRECTED:

LEFT BRAKE CALIPER LEAKING AND BRAKE LININGS WORN- REMOVED PUCKS FROM CALIPER. INSTALLED NEW O-RINGS P/N MS28775-222 ON PUCKS AND REASSEMBLED CALIPER. BLEED THE LEFT

**INSPECTION RECORD**  
**F.A.R. 43.11-91.409**

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 2

Repair Station #NF2R029L

AIRFRAME LOG

Type CIRRUS SR22

TT 240

N # 525BE

S/N 0136

REC. HR. METER 240

BRAKE SYSTEM. INSTALLED NEW BRAKE LININGS P/N 066-10500 ON BOTH BRAKES. OPERATIONAL CHECK SATISFACTORY.

BAFFLE SEAL RUBBING ON PROP SPINNER BULKHEAD- TRIMMED BAFFLE SEAL TO GAIN CLEARANCE BETWEEN THE SEAL AND BULKHEAD.

HOLE WORN IN ENGINE BAFFLING BY #5 CYLINDER- REMOVED OLD BAFFLE. INSTALLED NEW BAFFLE P/N 13654-002, AND MADE CHANGES TO FIT.

ALTERNATE AIR SCAT TUBE BRACKET BROKEN- FABRICATED AND INSTALLED NEW BRACKET.

ALTERNATE AIR SCAT TUBE CHAFING ON BAFFLING- SECURED SCAT TUBE AND APPLIED RTV SILICON BETWEEN BAFFLE AND TUBE.

RIGHT CABIN DOOR IS CHAFFING ON DOOR FRAME- DRESSED OUT CHAFED AREA. PRIMED AND PAINTED. OPERATIONAL CHECK SATISFACTORY.

FLAP SWITCH TURNS BEYOND 100% DETENT- INSTALLED NEW FLAP SELECTOR SWITCH P/N 11729-001 REV. B. OPERATIONAL CHECK SATISFACTORY.

BOTH ASSIST STEPS NON-SKID TAPE WORN- REMOVED ALL OLD NON-SKID TAPE AND ADHESIVE FROM STEPS. MAS-

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT TIME  
IN SERVICE

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 3  
Repair Station #NF2R029L AIRFRAME LOG  
Type CIRRUS SR22 TT 240  
N # 525BE  
S/N 0136 REC. HR. METER 240

KED OFF AREA AND APPLIED WING WALK COMPOUND PAINT TO STEPS.

EXCESSIVE ENGINE VIBRATION-

INSPECTED AREAS AROUND ENGINE FOR CHAFING. LOWER FOUND COWL  
CHAFING NEAR LANDING LIGHT. REMOVED MATERIAL IN  
AFFECTED AREA TO PREVENT CHAFING.

MANIFOLD PRESSURE INDICATOR STICKS-

INSTALLED A NEW MANIFOLD/FUEL FLOW INDICATOR P/N 13558-001.  
OPERATIONAL CHECK SATISFACTORY.

CABIN DOOR HANDLES DIFFICULT TO OPERATE-

INSPECTED AND LUBRICATED BOTH CABIN DOOR LATCHING MECHANISMS  
OPERATIONAL CHECK SATISFACTORY.

CENTER CONSOLE LANYARD BROKEN-

INSTALLED A NEW LANYARD P/N 15062-001.

PROP GOV. CONTROL CABLE WEARING INTO #4 CYLINDER OIL LINE-  
REPOSITIONED ALUMINUM TUBE TO PREVENT ANY FURTHER CHAFFING  
WITH PROPELLER GOVERNOR CONTROL CABLE.

ANALOG AND MFD EGT INDICATIONS DON'T INDICATE THE SAME-  
CHECKED EGT INDICATING SYSTEM CALIBRATIONS. DETERMINED  
THE MFD WAS INDICATING HIGH. CALIBRATED THE MFD EGT

# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 4

Repair Station #NF2R029L

AIRFRAME LOG

Type CIRRUS SR22

TT 240

N # 525BE

S/N 0136

REC. HR. METER 240

INDICATING SYSTEM PER ARNAV INSTRUCTIONS. OPERATIONAL  
CHECK SATISFACTORY.

DEFROST SYSTEM INOPERATIVE-

INSPECTED ALL LINKAGES AND TUBING. FOUND KNOB  
LOOSE ON SHAFT. TIGHTENED KNOB. OPERATIONAL CHECK  
SATISFACTORY.

BOTH MAIN GEAR LEG MOUNTING GROMMETS WORN-

REMOVED OLD GEAR GROMMETS AND INSTALLED NEW GROMMETS P/N  
10209-001.

SB2X-25-05 SEAT BELT IMPROVEMENT-

COMPLIED WITH SB2X-25-05 BY INSTALLING PLUGS IN SEAT BELT  
BUCKLE ASSEMBLIES P/N 502913.

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
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AIRCRAFT TIME  
IN SERVICE

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 5  
Repair Station #NF2R029L

Type CIRRUS SR22 TT 240

N # 5258E

S/N 0136

REC. HR. METER 240

I CERTIFY THAT THIS *Airplane* 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.# 12815/12827 DATE 1/6/04

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

FAA APPROVED REPAIR STATION #NF2R029L

\*


\*

*D.K. Morgan*  
DONALD K. MORGAN

INSPECTOR

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — KIND OF INSPECTION — STATUS & DISCREPANCY LIST — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>Mukenschnabl, Inc. DulPage Airport, West Chicago, IL 60185 Aircraft: N525BE Date: 4/26/04 Shop Order: 4505</p>
	FAHTE 260.9	
		<p>The following work was accomplished: Replaced left main tire with new Flight Custom III p/n 15x600-6-6. All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.</p>
		<p> Matthew T. Mukenschnabl, A&amp;P 2802644</p>
		<p>(end)</p>

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Mukenschnabl, Inc.  
 DuPage Airport, West Chicago, IL 60185  
 Aircraft: 525BE      Date: 8/17/04      Shop Order: 4604

HOBBS: 0296.8

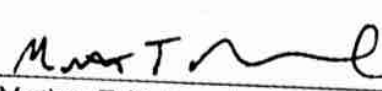
The following work was accomplished:

- |                |   |  |
|----------------|---|--|
| SB 2X-24-03    | DC Generation MCU sealing   | C/W by sealing with RTV sealant.         |
| SB 2X-27-08 R1 | Trim cartridge lubrication/modification modifying pitch trim cartridge. | C/W by replacing roll trim cartridge and |
| SB 2X-28-02 R1 | Fuel selector valve extension shaft extension shaft.                    | C/W by replacing the fuel selector       |
| SB 2X-32-08 R1 | Brake line inspection & spacer inspection noted in brake line.          | C/W by installing spacers - no defects   |
| SB 2X-33-02    | Landing light contact adjustment taping.                                | C/W by drilling a chafe clearance hole & |
| SB 2X-34-08    | OAT probe ground wire installation installed.                           | N/A by Avidyne FlightMax 5000 not        |
| SB 2X-55-10    | Horizontal stabilizer inspection hole closeout                          | C/W by installing closeout patches.      |
| SB 2X-71-04 R2 | Cowling winterization kit   | C/W by cowling modifications.            |
| SB 2X-71-07    | Engine oil drains breather line reroute                                 | C/W by installing new breather tube.     |

(continued) ~~(end)~~

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE									
		<p>Mukenschnabl, Inc.            DuPage Airport, West Chicago, IL 60185            Aircraft: 525BE    Date: 8/17/04    Shop Order: 4604</p>									
		<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">SB 2X-76-03</td> <td style="width: 40%;">Optional control quadrant installation</td> <td style="width: 30%;">C/W by SB instructions.</td> </tr> <tr> <td>SB 2X-95-06</td> <td>CAPS lanyard rigging inspection</td> <td>C/W by visual inspection.</td> </tr> <tr> <td>SB 2X-95-07</td> <td>CAPS bulkhead 222 placard installation</td> <td>C/W by placard installation.</td> </tr> </table>	SB 2X-76-03	Optional control quadrant installation	C/W by SB instructions.	SB 2X-95-06	CAPS lanyard rigging inspection	C/W by visual inspection.	SB 2X-95-07	CAPS bulkhead 222 placard installation	C/W by placard installation.
SB 2X-76-03	Optional control quadrant installation	C/W by SB instructions.									
SB 2X-95-06	CAPS lanyard rigging inspection	C/W by visual inspection.									
SB 2X-95-07	CAPS bulkhead 222 placard installation	C/W by placard installation.									
		<p>All work was performed in accordance with Cirrus's specifications and Federal Aviation Regulations.</p>									
		<p style="text-align: center;">             Matthew T. Mukenschnabl, A&amp;P 2802644         </p>									
		<p><del>(continued)</del> (end)</p>									



# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE

Mukenschnabl, Inc.  
DuPage Airport, West Chicago, IL 60185  
Aircraft: 525BE    Date: 10/22/04    Shop Order: 4679

HOBBS: 320.6

The following work was accomplished:

SB 2X-95-08	CAPS Line Cutters Logbook Entry Correction	C/W by changing logbook entry
SB.2X-25-06	Cabin crew seat lock installation	C/W by lock installation
SB.2X-25-09	Seat lap belt anti rotation tab	C/W on pilot and co pilot
SB.A2X-25-08	Crew seat break-over bolt adjustment copilot seats	C/W by adjusting bolt on pilot and copilot seats

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

  
Matthew T. Mukenschnabl, A&P 2802644

~~(continued)~~ (end)

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SER.

DATE  
AIRCRAFT TIME  
IN SERVICE

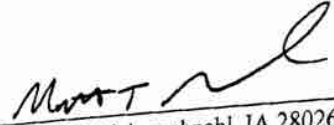
Mukenschnabl, Inc.  
DuPage Airport, West Chicago, IL 60185  
Aircraft: N525BE Date: 3/7/05 Shop Order: 4806

TTAF: 345.2 HOBBS: 345.2

The following work was accomplished:

SB 2X-25-07 R1, Issued 2004/10/08, Revised 2004/11/24; Dual Inertia Reel Seat Belt Installation, c/w by installation of new harness per SB instruction.

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

  
Matthew T. Mukenschnabl, IA 2802644

(end)

## INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Mukenschnabl, Inc.  
DuPage Airport, West Chicago, IL 60185

Aircraft: N525BE    Date: ~~1/20/05~~ **6/10/05**    Shop Order: ~~4754~~ **4854**

TTAF: 370.0    HOBBS: 370.0

The following work was accomplished:

- SA 04-09. Issued 2004/12/07, Aileron Hinge Bearing Migration, c/w by inspection of aileron hinge per SA instruction.
- SA 04-07. Issued 2004/11/24, Forward Crew Seat's Single Inertia-Reel Restraint System Replacement, p/c/w by installing Dual Initial Reel system.
- SA 05-01. Vendor Service Documents. Issued 2005/01/21, Noted.
- AIB NE-04-73, Dated 8/3/04, Inspection of capacitors. D/N/A due to capacitor date code.

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

  
Matthew T. Mukenschnabl, A&P 2802644

(end)

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<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	TT ENG:	334.8	TT PROP:	334.8	ELT. INSP:	01/06
HOBBS:	334.8	XPONDER	12/05	ALT/STATIC	12/05	ELT BATT DUE:	03/08

This aircraft has been given a 100/annual inspection in accordance with the manufacturer's checklist following the guidelines of the F.A.R, Part 43, Appendix D, and 91, Subpart E,. : Replaced batteries 1 & 2 with new p/n NP7-12 and a/c battery with new p/n G243S. Replaced right outbd side tire with new Goodyear p/n 301-249-006. Replaced air filter with new p/n BA24.

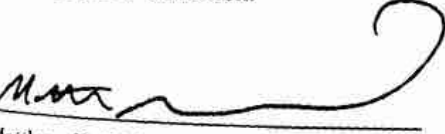
FAR 91.207, (d), 1,2,3 and 4 c/w, next due 01/06 Battery due 03/08.

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

SB 2X-28-03. Issued 2004/10/08: Fuel Selector Valve Extension Shaft Sleeve Installation: C/W per instructions.  
SB 2X-34-05 R2. Issued 2004/02/02, Transponder Antenna Ground Plane Improvement, C/W per instructions.

The aircraft engine was run and determined to have satisfactory performance in accordance with the manufacturer's recommendations. [ FAR 43.15, (2) (i) (ii) (iii) and (iv) ]

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

  
Matthew T. Mukenschnabl, IA 2802644

# INSPECTION RECORD

Mukenschnabl, Inc.

DuPage Airport, West Chicago, IL 60185

Aircraft: 525BE      Date: 8/19/05      Shop Order: 5025

HOBBS: 404.7

Accomplished the following:

Serviced tires and checked brakes. Left brake caliper repaired with composite materials. Repaired left side of nose wheel pant with composite material and touched up with gloss white paint.

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



Matthew T. Mukenschnabl, A&P 2802644

(end)


**J.A. Air Center  
FAA Repair Station NF2RO29L**

**ALTIMETER CALIBRATION**

MFG United MODEL 5934D-3 S/N 422399

SCALE ERROR		FRICTION		HYSTERESS	
ALT	ERROR	ALT	OFF		
1000	0	1000	30		
0	0	2000	30	50%	10
500	-5	3000	20		
1000	0	5000	40	40%	10
1500	-5	10000	40		
2000	-5	15000	30	AFTEREFFECT	0
3000	0	20000	40		
4000	-10	25000		CASELEAK	0
6000	-20	30000			
8000	-35	35000			
10000	-30	40000			
12000	-20	45000			
14000	-20				
16000	-30				
18000	-30				
20000	-30				
22000					
25000					
30000					
35000					
40000					
45000					
50000					

ALTIMETER TESTED IN ACCORDANCE WITH PART 43, APPENDIX 'E', TO COMPLY WITH FAR 91.411

DATE 12/15/05

W.O. # 206966

INSP. Doug [Signature]

AIRCRAFT IN SERVICE

SERIAL NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

**J.A. AIR CENTER**

DuPage Airport • West Chicago, IL 60185  
FAA Repair Station #NF2R029L

Type SR 22  
S/N 0136  
N# 525BE

Description of work done:

**AIRFRAME LOG ENTRY**

Tested Altimeter(s), Altitude Reporting and Static System(s)  
in accordance with Part 43, Appendix E for compliance with  
FAR 91.411 and FAR 91.413.

Pilot Altimeter P/N 5934D-3 S/N 422399 Range 20k

Copilot Altimeter P/N \_\_\_\_\_ S/N \_\_\_\_\_ Range \_\_\_\_\_

Transponder tested in accordance with Part 43, Appendix F  
for compliance with FAR 91.413 this date.

Date 12/15/05 Make GARMIN Model GTX 327 S/N 83707464

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and 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

WO 206966 Date 12/15/05 Tach/Hobbs 437.4 Signature Doug Mall  
Inspector (print) DOUG MALL

# INSPECTION RECORD F.A.R. 43.11-91.409

Mukenschnabl, Inc.

DuPage Airport, West Chicago, IL 60185

Aircraft: N525BE Date: 01/01/06 Shop Order: 5170

TT A/F	437.0	TT ENG:	437.0	TT PROP:	437.0	ELT. INSP:	12/06
HOBBS:	437.0	XPONDER	12/07	ALT/STATIC	12/07	ELT BATT DUE:	03/08

This aircraft has been given a 100/annual inspection in accordance with the manufacturer's checklist following the guidelines of the F.A.R., Part 43, Appendix D, and 91, Subpart E. : Replaced air filter with new p/n BA24. Installed Rosen visors per instructions. Replaced fuel drain valve with new p/n 440200. Tightened nose wheel fairing brackets. Tightened ignition switch. Replaced Sandel bulb per instructions, p/n 90122-B.

FAR 91.207, (d), 1,2,3 and 4 c/w, next due 12/06 Battery due 03/08.

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

AD 2005-12-06, Eff 07/19/05, Prevent failure of the magneto impulse coupling assembly; DNA by engine manufacture.  
AD 2005-17-19, Eff 10/13/05, Prevent the crew seats from folding forward during emergency landing, P/C/W by installing SB 2X-25-06.

SB 2X-28-04 R1, Issued 11/01/2005; Fuel Line Chafing: C/W per instructions.  
SB 2X-27-12 R1, Issued 10/19/2005, Elevator & Pitch Trim System Flight Control System Freeplay, C/W per instructions.

The aircraft engine was run and determined to have satisfactory performance in accordance with the manufacturer's recommendations. [ FAR 43.15, (2) (i) (ii) (iii) and (iv) ]

I certify that this AIRFRAME 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)



# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME  
IN SERVICE

Mukenschnabl, Inc.

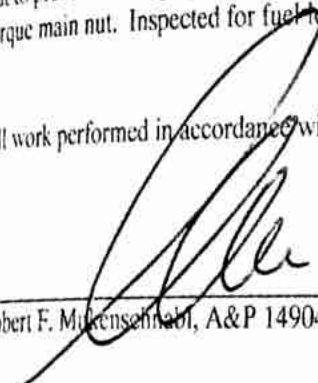
DuPage Airport, West Chicago, IL 60185

Aircraft: N525BE Date: 05/12/-06 Shop Order: 5282

TACH: HOBBS: 0473.3

Accomplished the following: A new Gill Battery p/n G243S was installed. Removed portion of landing light baffle and smoothed out to prevent chafing against engine mount. Reattached a piece of cowl stripping. Checked main wheels for possible vibration, re-torque main nut. Inspected for fuel leaks; none found.

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

  
Robert F. Mukenschnabl, A&P 1490429

(end)

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

Mukenschnabl, Inc.

DuPage Airport, West Chicago, IL 60185

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

TACH: HOBBS: 0497.2

Accomplished the following:

Routine inspection of fuel line and electrical line for chaffing c/w Now is:

AD 2006-07-06, eff May-11-2006, Prevent wire chaffing on fuel line, c/w in accordance with the Cirrus Design Corporation Service Bulletin SB 2X-28-04 R1, part (c), (1), (2) no damage, and (3).

Routine inspection of nose wheel torque for vibration, c/w in accordance with Cirrus SA 01-16. Removed, cleaned and inspected and when installed torqued to 14 foot lbs. Front wheel bearings repacked.

Routine inspection of brake line, c/w in accordance with the following Cirrus Service Bulletins: SB2X-32-13R1, SB2X-32-14 R1, SA-06-03 and SA-05-04. Main wheels bearings removed, cleaned inspected and repacked.

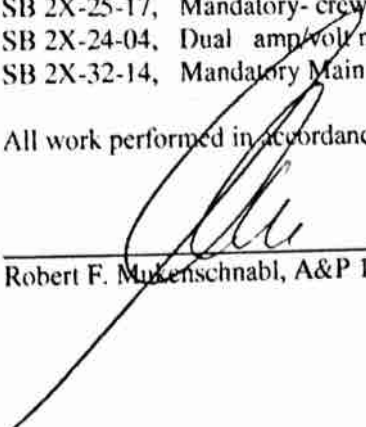
SB 2X-57-05 R1, aileron inspection c/w by visual inspection and found ok for service

SB 2X-25-17, Mandatory- crew seat inspection was accomplished in accordance with the SB ok for service.

SB 2X-24-04, Dual amp/volt meter adapter installation, found 60 amp meter installed no further action required at this time.

SB 2X-32-14, Mandatory Main landing gear, c/w by completing wheel mod in R1.

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

  
Robert F. Mukenschnabl, A&P 1490429

(end)

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE  
AIRCRAFT TIME  
IN SERVICE

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  
\*\*\*Airframe Work\*\*\* ID 2348

Completed an Annual inspection in accordance with the Cirrus Design SR22 Inspection Form and Service Manual. Complied with SB 2X-52-04R2 by installing cabin door strut modification kit # 70151-001. Complied with SB 2X-53-03 by installing tail tie down assembly using kit # 70120-001. Complied with section 4 of SB 2X-57-05R1 by installation of kit p/n 70105-001, new bolts and large area washers at aileron attach points. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 1/08. Replaced CAPS reefing line cutters p/n BRS kit # 12020, LOT Toso 6 H, next due 8/2012. Replaced #2 batteries p/n 50979-001 with new, next due 1/09 or 1027.3 ACTT. Completed the following 5 yr items: Replaced gascolator seals p/n's MS29513-137, NAS1523-8B and NAS1593-015 with new. Replaced left and right lower brake hoses p/n 50555-072 from leg line to brake caliper with new. Replaced aileron-rudder interconnect shock cord p/n 12983-001 with new. Replaced OAT / clock battery with new, next due 1/09. Replaced induction air filter p/n BA-24 with new. Resealed MCU. Replaced nose gear bevel washers p/n 50750-101 with new and retorqued. Replaced lower nose gear polymer shock absorbing assembly p/n 13703-001 with new. Replaced left and right caliper o-rings p/n 101-34500 with new. Bleed brakes. Replaced left and right main gear landing gear grommets p/n 10209-001, shims p/n 17080-001 and clamps p/n 17079-001 with new. Replaced #5 EGT sensor p/n 12692-001 with new. Replaced left rear passenger map lamp p/n 400 with new. Replaced left engine drain line p/n 13914-002 with new. Ground run for ops and leak ck good.

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

Kevin Fenske  
A&P2886592 IA

*Kevin 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

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>Date: 5/18/2007; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 552.6; Total Time: 552.6            ***Airframe Work*** ID 2718            Complied with SB 2X-27-14 by replacing hardware on rudder-aileron bungee interconnect using kit # 70187-001.            All work performed in accordance with Cirrus Design SR22 Service Manual.</p> <p>Pat Harrington <i>Pat Harrington A&amp;P 2634950</i>  <input type="checkbox"/> A&amp;P 2634950            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>
		<p>Date: 5/18/2007; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 552.6; Total Time: 552.6            ***Airframe Work*** ID 2717            Complied with SB 2X-95-09R1 by performing CAPS compartment retaining strap inspection and CAPS fuselage strap inspection, chafing and cut strands noted on left strap, ok for contiued service at this time. Installed left fuselage strap assembly protective sheath p/n 70142-001. Complied with A2X-95-10R1 by replacing CAPS pick up collar support p/n 70181-002 with new.            All work performed in accordance with Cirrus Design SR22 Service Manual.</p> <p>Tim McGuire <i>Tim McGuire A&amp;P 473138392 IA</i>  <input type="checkbox"/> A&amp;P 473138392 IA            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>

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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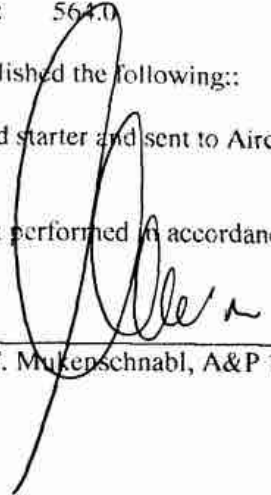
Mukenschnabl, Inc.  
DuPage Airport, West Chicago, IL 60185  
Aircraft: 525BE    Date: 7/16/07    Shop Order: 5507

HOBBS: 564.0

Accomplished the following::

Removed starter and sent to Aircraft Systems, Inc RS#KC2R94K for repair. Reinstalled starter.

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



Robert F. Mukenschnabl, A&P 1490429

(end)


525BF

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG			3. SYSTEM TRACKING REG. NO:		
		US Department of Transportation Federal Aviation Administration			5. WORK ORDER, CONTRACT, OR INVOICE NO:  7697		
4. ORGANIZATION CRS # DBKR124D Wisconsin Aviation-Four Lakes, Inc. 3606 Corben Ct., Madison, WI 53704 Phone (608) 268-5006							
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK	
	GTX-327 xpdf	011-00490-00	T/B/D	1	83707464	Repair od	
13. REMARKS Updated to V2.09 iaw Garmin SB 0545 Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.							
14. New Newly Overhauled <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design date and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.				19. Return to Service in Accordance with FAR 43.9 o Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.:		20. Authorization Signature: Ryan Walsh		21. Certificate Number: DBKR124D	
17. Name (typed or printed):		18. Date:		22. Name (typed or printed): Ryan Walsh		23. Date: 7-19-07	
Airworthiness Approval Tag User/Installer Responsibilities							
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.							
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.							
Statements in block 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 under/installer before the aircraft may be flown.							
*Optional installer must cross check eligibility with applicable technical data.							


**WISCONSIN AVIATION FOUR LAKES, INC.**

**DESCRIPTION OF WORK DONE:**

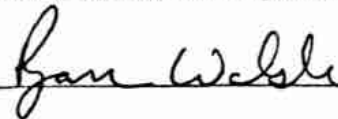
**N# 525BE**

Removed, updated transponder GTX-327 s/n 83707464 to software version 2.09 in accordance with Garmin SB 0545. Ramp checked in accordance with B-E. Updated both #1 and #2 GNS-430's main and gps software in accordance with Garmin SB's 0532 and 0502. Systems ramp checked satisfactory.

-----**END**-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

**DATE:** 7-19-2007 **HOBBS:** 565.3 **WO#:** 7697 **SIGNED:**



**3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D**  
**(608) 268-5006 (608) 268-5038 FAX**

## ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE N525BE

Wisconsin Aviation-Four Lakes, Inc.  
FAA CRS No. DBKR124D 608-268-5006

3606 Corben Ct.  
Madison, WI 53704

Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	+20	-6	-7	+3	+2	+8	+13	-2	-14	-22	-36	-29	-36	-38	-34
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	80	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 5934D-3 S/N: 422399		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	OK	50% Max	9			
Actual ± Ft.	-26	X	X	X	X	X	X	X	Temp C	25	40% Max	8			

CERTIFIED ALTIMETER PER FAR 43 APP. E. TO 20K FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 91.411 (a)(1).  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a)(c) AND 91.217 (b) IN  
 ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL: Garmin GTX-327                      S/N: 83707464

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date: 19 Jul 2007

W.O.: 7697

Signed: *E. T. [Signature]*

BLIND ENCODER  
MAKE: ACK  
MODEL: A-30  
S/N: 82100

#2 TRANSPONDER  
MAKE: XXX  
MODEL: XXX  
S/N: XXX