

The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer CESSNA Model 421 C
Serial 421 C 0165 Registration Number N711TX
Date of Manufacture 1976

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

START 6/2008 TT 5518.5 140BBS 4522.5

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Logbook Entry

Date 11/18/2008

Make Cessna

Reg. 7117X

Replaced cabin light circuit breaker.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Extensive details of this repair are on file at this Repair Station under Work Order 08-1501



Ronald Mattingly Cert # 3052186

For: Ron Collins Aviation Electronics LLC 2168 State Route 136W, Henderson, KY, 42420

Phone (270)827-1161 FAX (270)827-1164 CRS No. PG2R0A7L

URL www.roncollinsaviation.com E-Mail ron@roncollinsaviation.com

Performed Biennial check required by FAR 91.413

On GTX327 Transponder system

#1 S/N 83720247 #2 S/N 83720251

Specifications were met per Part 43 Appendix F
and were recorded on W.O.# 08-1522

Ron Collins Aviation Electronics LLC, Henderson KY
FAA Repair Station # PG2R082L

11/19/2008

Date

I Certify the Altimeter and Static System tests
required by FAR Part 91.411 have been performed.

#1 Altimeter was tested to 30 K feet on 11/19/08

#2 Altimeter was tested to 35 K feet on 11/19/08

#1 Data correspondence to 30 K feet on 11/19/08

#2 Data correspondence to 35 K feet on 11/19/08

Ron Collins Aviation Electronics LLC Henderson KY
FAA Repair Station # PG2R082L

11/19/2008

Date

Inspections, Tests, Repairs and Alterations

Endorsed with Name, Rating and Certificate Number of
air Facility. (See back pages for other specific entries.)

SCALE CORRECTION		ALT S/N 9A325	
Master	Altimeter	Master	Altimeter
-1000	-1010	10000	10020
0	5	12000	12040
500	500	14000	14000
1000	1010	16000	16030
1500	1500	18000	18000
2000	2020	20000	20050
3000	3000	22000	22030
4000	4000	25000	25000
5000	5030	30000	29900
8000	8010	35000	34800

Date: 11/19/08

Date:

Checked By RPN

YEAR

RECORDING

TODAY'S

TOTAL

20

DA

SCALE CORRECTION

ALT S/N

2783

Master	Altimeter	Master	Altimeter
-1000	-1020	10000	9970
0	5	12000	11980
500	500	14000	13900
1000	1010	16000	15960
1500	1500	18000	17930
2000	2020	20000	19970
3000	2980	22000	21900
4000	3990	25000	24910
6000	5980	30000	29900
8000	7950	35000	XXXX

Checked By

EW

Date:

11/19/08

Sections, Tests, Repairs and Alterations

ed with Name, Rating and Certificate Number of
cility. (See back pages for other specific entries.)

YE

20

DA

Logbook Entry

Date

11/19/2008

Make Cessna

N#

711TX

Repaired A/P and sys checks were normal on the ground.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current
FAA regulations and is approved for return to service for the work performed.

Pertinent details of this repair are on file at this Repair Station under Work Order 08-1519

Ron Collins

Louis A. Gaiser Cert # 2254646

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W. Henderson, KY 42420

Phone (270)827-1161 FAX (270)827-1164 CRS No. PG2R032L

URL: www.roncollinsaviation.com E-Mail: rl@roncollinsaviation.com

Logbook Entry

Date 11/19/2008 Make Cessna # 711TX

Removed HSI and sent in for repair. Received unit and installed in A/C. Sys checks were normal.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Permanent details of this repair are on file at this Repair Station under Work Order 08-1520

Louis A. Gaiser
 Louis A. Gaiser Cert # 2254646

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W Henderson, KY. 42420

Logbook Entry

Date 11/26/2008 Make Cessna # 711TX

Removed pilots H.S.I. ser# 1-4899b and replaced with Warranty exchange unit Ser# 1-8652B. Sys checks were normal after repairs.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Permanent details of this repair are on file at this Repair Station under Work Order 08-1555

Louis A. Gaiser
 Louis A. Gaiser Cert # 2254646

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W Henderson, KY. 42420
 Phone (270)827-1161 FAX (270)827-1164 CRS No. PG2R062L

URL www.roncollinsaviation.com E-Mail ai@roncollinsaviation.com

NSN: 0052-00-012-9005

Installation

components/assemblies

component/assembly.

Nov/18/2008

23. Date (m/d/y):

FAA CRS 012R061L

21. Approval/Certificate

work, the items are

force with

3

Installation

assemblies

NSN: 0052-00-012-9005

Approving National Aviation

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)	YEAR 20 DATE	RI T/ TI
1/28/2009	N711TX	Cessna 421C S/N: 421C0165			04/
	TCM	GTSIO-520-L			COI
Hobbs:4636.5	AFTT: 5632.5				ANI
Removed cabin blower fan from southwind heater. Replaced with overhaul unit PN 722043. Functional check OK. All work accomplished IAW AC43.13-1B/2A, Cessna 421C maintenance manual, and all applicable FARs.					FOI
<i>William Wood</i> William Wood A&P 2769598					COI
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06/12/09 HOBBS: 4703.1 AFTT: 5699.1 N711TX 421C S/N 421C0165 W.O. P21646W
REMOVED RIGHT STARTER P/N MHJ4003/S/N 9012635 AND INSTALLED OVERHAULED STARTER P/N
MHJ4003RX/S/N L000715 (ACCESSORIES INC., CRS TM2R1921, W.O. 61609R, 02/25/09) IN ACCORDANCE
WITH TCM MAINTENANCE MANUAL. ADJUSTED RIGHT VOLTAGE REGULATOR IN ACCORDANCE WITH
AIRCRAFT MAINTENANCE MANUAL. OPERATIONAL CHECKS GOOD AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE
WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS
APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER
THE ABOVE REFERENCED WORK ORDER.

SIGNED: *[Signature]* FOR
**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N**

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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04/01/09 HOBBS: 4658.4 AFTT: 5654.4 N711TX 421C S/N 421C0165 W.O. P21327W
COMPLIED WITH AN ANNUAL INSPECTION IN ACCORDANCE WITH AIRCRAFT MAINTENANCE MANUAL
AND FAR 43 APPENDIX D. DRAINED LEFT AND RIGHT ENGINE OIL, INSPECTED FILTERS, NO METAL
FOUND. INSTALLED NEW CH48111 FILTERS AND SERVICED WITH 20W50 OIL. PERFORMED
COMPRESSION CHECKS: LEFT ENGINE: 1:74/80 2:78/80 3: 78/80 4:75/80 5:76/80 6:75/80: RIGHT ENGINE:
1:22/80 2:50/80 3:69/80 4:64/80 5:57/80 6:74/80. COMPLIED WITH 30 DAY FIRE EXTINGUISHER WEIGHT
CHECK; WEIGHT WITHIN LIMITS. INSTALLED NEW ELT BATTERY P/N BS2166;S/N 010957337 (DUE
REPLACEMENT 03/2011). COMPLIED WITH 12 MONTH ELT INSPECTION/OPERATIONAL CHECK IN
ACCORDANCE WITH FAR 91.207D(1-4). COMPLY WITH TCM S.B. 96-12 CYLINDER CRACK LEAK CHECK
ON LEFT ENGINE; NO DEFECTS NOTED AT THIS TIME. COMPLIED WITH TCM S.B. 96-12 CYLINDER
CRACK LEAK CHECK ON RIGHT ENGINE; NO DEFECTS NOTED AT THIS TIME. COMPLIED WITH AD 2001-
01-16 FIGURE 1 ITEM B LEFT ENGINE EXHAUST VISUAL INSPECTION WITH NO DEFECTS NOTED.
COMPLIED WITH AD 2001-01-16 FIGURE 1 ITEM B RIGHT ENGINE EXHAUST VISUAL INSPECTION WITH
NO DEFECTS NOTED. COMPLIED WITH AD 2001-01-16 FIGURE 1, ITEM C "REMOVE TAIL PIPES AND
INSPECT" - LEFT ENGINE; REMOVED HEAT SHIELD, ACCESS PANEL BELOW WING, AND LEFT TAIL PIPE.
PERFORMED ITEM C INSPECTION, NO DEFECTS NOTED. REINSTALLED TAIL PIPE, ACCESS, AND HEAT
SHIELD. DURING REINSTALLATION REPLACED/RETIGHTENED DAMAGED SCREWS ON OUTBOARD
NACELLE. COMPLIED WITH AD 2001-01-16 FIGURE 1, ITEM E "INSPECT EXHAUST SYSTEM FROM THE
SLIP JOINTS AND AFT AND PERFORM A PRESSURE TEST IN ACCORDANCE WITH APPENDIX OF THIS AD."
- LEFT ENGINE; FOUND CRACKED WELDS ON BOTH EXHAUST MANIFOLDS AT INTERSECTION OF
CYLINDER AND COLLECTOR TUBES. NO OTHER DEFECTS NOTED. ALL WORK DONE IN ACCORDANCE
WITH 421C MAINTENANCE MANUAL AND AD 2001-01-16, ITEM E AND APPENDIX. COMPLIED WITH AD
2001-01-16 FIGURE 1, ITEM C "REMOVE TAIL PIPES AND INSPECT" - RIGHT ENGINE. REMOVED HEAT
SHIELDS, UNDER-WING ACCESS AND TAIL PIPE, PERFORMED ITEM C INSPECTION. NOTED WEAR ON
UPPER BEND OF TAILPIPE (CHAFING FROM MOUNT BRACKET). PERFORMED NDT TO CHECK FOR
CRACKING, NO CRACKS FOUND. NO FURTHER DEFECTS NOTED. REINSTALLED TAIL PIPE, ACCESS, AND
HEAT SHIELD. ALL WORK DONE IN ACCORDANCE WITH 421C MAINTENANCE MANUAL AND AD 2001-01-

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CRS MV5R055N

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YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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TRAVEL OF AILERON TRIM INDICATOR. REINSTALLED AUTOPILOT HEAD. FABRICATED NEW BRACKET FOR LEFT ALTITUDE COMPENSATING VALVE BRACKET USING 2024T3, 0.040 & 0.063, LOCATED, DRILLED AND INSTALLED REFERENCING AC43.13-1B, CHAPTER 4, SECTION 4. COMPLIED WITH GROUND RUN AND LEAK CHECKS; ALL CHECKS SATISFACTORY AT THIS TIME.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED Y.M.M. FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N**

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YEAR
20
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16 ITEM C. COMPLIED WITH AD 2001-01-16 FIGURE 1, ITEM E "INSPECT EXHAUST SYSTEM FROM THE SLIP JOINTS AND AFT AND PERFORM A PRESSURE TEST IN ACCORDANCE WITH APPENDIX OF THIS AD." - RIGHT ENGINE. NO DEFECTS NOTED. ALL WORK DONE IN ACCORDANCE WITH 421C MAINTENANCE MANUAL AND AD 2001-01-16, PART E AND APPENDIX. COMPLIED WITH LEFT ENGINE AD 2007-05-15 STARTER ADAPTER 100 HOUR INSPECTION; FOUND BACKLASH MEASURED 0.040, 0.050, 0.040, 0.050 INCHES. NO DEFECTS NOTED. ALL WORK DONE IN ACCORDANCE WITH 421C MAINTENANCE MANUAL AND AD 2007-05-15 PART 2. COMPLIED WITH RIGHT ENGINE AD 2007-05-15 STARTER ADAPTER 100 HOUR INSPECTION; FOUND BACKLASH MEASURED 0.055, 0.045, 0.055, 0.055, 0.055. NO DEFECTS NOTED. ALL WORK DONE IN ACCORDANCE WITH 421C MAINTENANCE MANUAL AND AD 2007-05-15 PART 2. COMPLIED WITH BOROSCOPE INSPECTION ON LEFT ENGINE IN ACCORDANCE WITH SID 97-2 WITH NO DEFECTS NOTED. OIL SAMPLE DEFERRED AT THIS TIME. COMPLIED WITH BOROSCOPE INSPECTION ON RIGHT ENGINE IN ACCORDANCE WITH SID 97-2 WITH NO DEFECTS NOTED. OIL SAMPLE DEFERRED AT THIS TIME. INSTALLED A 5/8 18 HELICOIL IN LEFT ENGINE OIL SUMP. REMOVED EXHAUST RISERS ON THE LEFT ENGINE AND RE-INSTALLED AFTER REPAIR BY DAWLEY AVIATION, CRS NJ5R069N, WORK ORDER #98513, 03/19/09. CHECKED ENGINE RIGGING ON POST MAINTENANCE GROUND RUNS; ALL CHECKS SATISFACTORY AT THIS TIME. REMOVED RIGHT ENGINE #1 CYLINDER P/N 655910 AND REINSTALLED FOLLOWING REPAIR (G & N AIRCRAFT, CRS MW2R020L, W.O. 56880, 03/19/09) IN ACCORDANCE WITH TCM OVERHAUL MANUAL. INSTALLED NEW RIGHT ENGINE EXHAUST ROCKER BOX GASKET P/N 1366-1 ON #2 CYLINDER, BOTH ROCKER GASKETS ON #4 CYLINDER AND INTAKE ROCKER GASKET ON THE #6 CYLINDER IN ACCORDANCE WITH TCM MAINTENANCE MANUAL. REMOVED RIGHT ENGINE #1 CONNECTING ROD P/N 655910 AND REINSTALLED FOLLOWING REPAIR BY G & N AIRCRAFT, CRS MW2R070L, W.O. 65880, 03/19/09 IN ACCORDANCE WITH TCM OVERHAUL MANUAL. RESEALED RIGHT WASTEGATE CONTROLLER USING NEW O-RINGS P/N MS28778-6 & MS28778-7. REMOVED EDM760 P/N 760000-6C; S/N 03852 AND REINSTALLED FOLLOWING REPAIR BY J.P. INSTRUMENTS, RMA26520, 03/20/09. TIGHTENED HYDRAULIC FITTINGS AT FORWARD PRESSURE BULKHEAD IN ACCORDANCE WITH AIRCRAFT MAINTENANCE MANUAL. COMPLIED WITH GEAR RETRACTION/EXTENSION CHECKS; OPERATIONAL AND LEAK CHECKS GOOD AT THIS TIME. CO

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CRS MV5R055N

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YEAR
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DATE

INSTALLED NEW NOSE WHEEL RACHES P/N LM29710, PACKED NEW BEARINGS P/N LM29749 WITH GREASE AND INSTALLED, AND REINSTALLED WHEEL ASSEMBLY AND SERVICED TIRE. RESEALED LEFT BRAKE CALIPER USING NEW O-RINGS P/N MS28775-132 AND REINSTALLED AND BLED. RESEALED RIGHT BRAKE CALIPER USING NEW O-RINGS P/N MS28775-132 AND REINSTALLED AND BLED. INSTALLED NEW LEFT BRAKE DISC WITH NEW P/N 164-06406, NEW BRAKE LININGS P/N 068-06600 AND NEW SHIM P/N 068-03100. INSTALLED NEW RIGHT BRAKE DISC P/N 164-06406, NEW LININGS P/N 066-06600 AND NEW SPACER P/N 068-03100. SAFETIED LEFT OUTBOARD FLAP INBOARD ACTUATOR CONNECTIONS. STRAIGHTENED RIGHT OUTBOARD FLAP WELL OUTBOARD FRAME, ADJUSTED RIGHT WING AILERON CABLE TENSION TO WITHIN LIMITS AND VERIFIED NEUTRAL POSITION. BLENDED DAMAGE AT TOP ELEVATOR SKIN PER CESSNA 421 SERVICE MANUAL 15-40-37. INSTALLED NEW RIGHT WING OUTBOARD AFT SUMP VALVE P/N 79C1 AND USING NEW O-RING P/N MS28775-132. TIGHTENED HYDRAULIC FITTINGS IN LEFT WING LEADING EDGE. CLEANED AND PREPPED AREA DORSAL FIN, APPLIED EPOXY AND APPLIED EDGE SEALANT. INSTALLED NEW LEFT WING INSPECTION LIGHT P/N 1385. SECURED IN-DASH CENTER RADIO RACK FRAME. REMOVED LOOSE RIVET ON RIGHT NACELLE LEFT AIR SCOOP AND INSTALLED BLIND FASTENER P/N S2456-4-4 IN ACCORDANCE WITH CESSNA S.R.M. 15-00-3. REMOVED AND REPLACED SHEARED RIVETS IN RIGHT NACELLE LEFT AFT CAMLOCK IN ACCORDANCE WITH CESSNA S.R.M. 15-00-3. REMOVED WORKING RIVETS ON LEFT NOSE GEAR DOOR HINGE AND REPLACED USING MS20426AD4 RIVETS IN ACCORDANCE WITH CESSNA 421 SRM 15-00-3. REMOVED PULLED RIVETS IN RIGHT WING ROOT FAIRING AND REPLACED USING NAS1097ADS RIVETS WET WITH PR1440-B2 SEALANT IN ACCORDANCE WITH CESSNA 421 SRM 15-00-04. REMOVED DAMAGED FASTENER, FABRICATED REPAIR DOUBLER FROM .032"2024-T3 (4INX4IN). DRILLED, TREATED AND PRIMED AND INSTALLED DOUBLER ON RIGHT NACELLE OUTBOARD SIDE USING S2457 AND NAS1097AD4 RIVETS IN ACCORDANCE WITH CESSNA 421 S.R.M. 15-40-39. INSTALLED NEW OIL RETURN LINE P/N 5100110-32 FOR THE LEFT MASTER GATE CONTROLLER. REMOVED AUTOPILOT HEAD TO ACCESS COLUMN INTERIOR. FOUND GEAR SHAFT BACKED AWAY FROM CORRECT POSITION, CAUSING LOSS OF CONTACT WITH INDICATOR AND DRIVE GEARS. REPOSITIONED SHAFT AND GEARS. VERIFIED CORRECT POSITION AND

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CRS MV5R055N

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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7/1/2009 N711TX C-421C S/N:421C0165
 TCM GTSIO-520L S/N: 265093-L S/N: 241213-R
 Hobbs: 4707.6 TTA: 5703.6 TTE:4474.6 TSOH: 1529.1

1. Drained Engine oil and removed oil filters, both engines serviced with 12qts Aeroshell 15W-50 and new Tempest AA48111 filters, cut open and inspected filters with no debris found.
2. Removed bad right engine alternator installed Aerotech overhauled unit P/N: 649304, S/N: 008HA284.
3. Removed and replaced nose tire with Goodyear P/N: 606C66-8 and nose tire tube with Aero Class P/N: TR-20.
4. Removed and replace both RH and LH main tires and tubes with (2) Goodyear tires P/N: 650C86-3 and (2) Aero Class tubes P/N: TR-25.
5. Complied with AD 2000-01-16 section (b) by visual inspection (next due at hobbs: 4757.6 or by 8/1/2009 which ever comes later.)

Run up accomplished with no leaks found and good ops check for right alternator charging system.
 All work accomplished IAW AC43.13-1B/2A, Cessna 421C maintenance manual, and all applicable FARs.

William Wood William Wood A&P 2769598

01/04/2010 N711TX Cessna 421C S/N: 421C0165
 TCM GTSIO-520-L

Hobbs: 4771.3 AFTT: 5767.3 TSOH: 0

1. Removed Lt engine S/N: 265093-R, repaired by Ram and reinstalled.
2. Removed Rt engine, Installed Ram overhauled engine S/N: 272347-R
3. Installed overhauled Aircraft heater fuel pump P/N: 714769. Tested heater and checked for fuel leaks with no discrepancies noted.
4. Flight tested aircraft with good operation of both engines and no discrepancies noted.

All work accomplished IAW AC43.13-1B/2B, Cessna 421C maint. manual, GTSIO-520 overhaul manual and all applicable FARs.

William Wood William Wood A&P IA. 2769598

ns are approved for return to
if in Block 13 was accomplished
ified in Block 13, the work
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05/27/10 HOBBS: 4836.5 AFTT: 5832.5 N711TX 421C S/N 421C0165 W.O. P22611W
COMPLIED WITH AN ANNUAL INSPECTION IN ACCORDANCE WITH AIRCRAFT MAINTENANCE
MANUAL AND FAR 43 APPENDIX D. OIL AND FILTERS WERE CHANGED 2.3 HOURS AGO. PERFORMED
COMPRESSION CHECKS: LEFT ENGINE: 1:78/80 2:76/80 3:76/80 4:76/80 5:77/80 6:77/80. RIGHT ENGINE:
1:75/80 2:78/80 3:79/80 4:78/80 5:77/80 6:76/80. COMPLIED WITH 50, 100, 500 & 1000 HOUR LUBRICATION
ITEMS IN ACCORDANCE WITH CESSNA 421 MAINTENANCE MANUAL. COMPLIED WITH ONE YEAR FIRE
EXTINGUISHER WEIGHT CHECK: FIRE EXTINGUISHER WEIGHT WITHIN LIMITS. COMPLIED WITH 12
MONTH ELT INSPECTION/OPERATIONAL CHECK IN ACCORDANCE WITH FAR 91.207D(1-4) WITH NO
DEFECTS NOTED. REMOVED THE OXYGEN BOTTLE AND FOUND DOT3AAA BOTTLE INSTALLED WHICH
HAS NO LIFE LIMIT, REINSTALLED OXYGEN BOTTLE AND SERVICED. COMPLIED WITH 400 HOUR
HYDRAULIC FILTER REPLACEMENT: INSTALLED NEW HYDRAULIC FILTER P/N AN6235-2A. COMPLIED
WITH 400 HOUR BAGGAGE COMPARTMENT AND WING LOCKER DOOR INSPECTIONS IN ACCORDANCE
WITH CESSNA 421 MAINTENANCE MANUAL WITH NO DEFECTS NOTED. COMPLIED WITH 400 HOUR
WHEEL BEARING INSPECTION IN ACCORDANCE WITH CESSNA 421 MAINTENANCE MANUAL WITH NO
DEFECTS NOTED. COMPLIED WITH 400 HOUR CABIN DOOR LUBRICATION IN ACCORDANCE WITH
CESSNA 421 MAINTENANCE MANUAL. COMPLIED WITH 600 HOUR/2 YEAR LANDING GEAR
FUNCTIONAL INSPECTION IN ACCORDANCE WITH CESSNA 421 MAINTENANCE MANUAL WITH NO
DEFECTS NOTED. COMPLIED WITH NOSE GEAR TRUNION PIVOT BEARING INSPECTION IN ACCORDANCE
WITH CESSNA 421 MAINTENANCE MANUAL WITH NO DEFECTS NOTED (DUE IN 1000 HOURS).
COMPLIED WITH LEFT AND RIGHT MAIN GEAR TRUNION PIVOT BEARING INSPECTION IN ACCORDANCE
WITH CESSNA 421 MAINTENANCE MANUAL WITH NO DEFECTS NOTED (DUE IN 1000 HOURS).
INSTALLED NEW LEFT INDUCTION FILTER P/N BA13. COMPLIED WITH 5 YEAR NITROGEN BOTTLE
HYDROSTATIC TEST: REMOVED THE NITROGEN BOTTLE P/N 900297-2: S/N 375 AND REINSTALLED
FOLLOWING OVERHAUL BY SHORELINE MARINE. CRS QLCR829X. W.O. 0038537. 05/26/10 AND SERVICED
WITH NITROGEN. COMPLIED WITH TCM SB96-12 CYLINDER CRACK LEAK CHECK ON THE LEFT ENGINE
WITH NO DEFECTS NOTED. COMPLIED WITH AD 2001-01-16 FIGURE 1 ITEM B (EXHAUST VISUAL
INSPECTION) ON THE LEFT ENGINE: INSPECTED THE LEFT ENGINE EXHAUST IN ACCORDANCE WITH

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CRS MV5R055N

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DATE _____

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YEAR
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DATE

SEALED AIR CONDITIONING HOSE AND RIGHT ENGINE CONTROL THRU WING USING PRI-440-B2 SEALANT. INSTALLED NEW 115W LIGHT BULB P/N CM6839. COMPLIED WITH GROUND RUN AND LEAK CHECKS. ALL CHECKS SATISFACTORY AT THIS TIME.

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I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS NOT APPROVED FOR RETURN TO SERVICE. LIST OF DISCREPANCIES FORWARDED TO OPERATOR. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N**

Logbook Entry

Date 6/18/2010

Make Cessna

N# 711TX

Installed aft pressure bulkhead connector at FS 277.2 IAW DER drawing number 70G-257F018 rev IR.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Pertinent details of this repair are on file at this Repair Station under Work Order 10-384S-111

[Signature]
Rowan N. Jones

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W. Henderson, KY. 42420
Phone (270)827-1161 FAX (270)827-1164 CRS No. PG2R082L

URL www.roncollinsaviation.com E-Mail rowan@rcae.info

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06/18/2010 N711TX C421C SN:412C0165
Hobbs: 4837.5 AFTT:5833.5

Removed right landing light assy. PN45-0148-4, Replaced motor with new Honeywell PN A6532 replaced bulb with GE 4553 reinstalled unit in aircraft. Operational check OK. List of discrepancies from Eagle Creek Aviation completed at this time. All work accomplished IAW AC43.13-1B/2B, Cessna 421C maintenance manual, and all applicable FAR's. I certify this aircraft is approved for return to service in respect to work performed.

William Wood
William Wood A&P IA 2769598

08/25/10 HOBBS: 4893.2 AFTT: 5889.2 N711TX 421C S/N 421C0165 W.O. P22935W
I CERTIFY THAT THE ALTIMETER(S)/STATIC SYSTEM(S), TRANSPONDERS, AND ENCODERS AS LISTED HAVE BEEN TESTED AS REQUIRED BY FAR 91.217, 91.411 AND 91.413. THE COMPONENTS AND SYSTEMS WERE FOUND TO BE AIRWORTHY AND ARE APPROVED FOR RETURN TO SERVICE. SYSTEMS WERE FOUND TO COMPLY WITH THE LIMITS SET FORTH IN FAR 43, APPENDICES E AND F AND AC 43.6B TO 35,000 FEET.

	MFG	MODEL	P/N	SERIAL #
ALTIMETER #1	ARC	EA-801A	43300-61288	2783
ALTIMETER #2	United Inst.		5934-PA-1D	9A326
ALTIMETER #3				
TRANSPONDER #1	Garmin	GTX 327	011-00490-00	83720251
TRANSPONDER #2	Garmin	GTX 327	011-00490-00	83720247
ENCODER #1	ARC	EA-801A	43300-61288	2783
ENCODER #2				

DETAILS OF THE INSPECTIONS AND TESTS ARE ON FILE AT THIS AGENCY UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED *Jeffery Wood* FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N**

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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9/29/10

N711TX Cessna 421C

S/N: 421C0165

TCM

GTSIO-520-L

AFTT: 5914.8

Hobbs: 4918.8

1. Installed 2 new 6.5-10 Aero Classic tubes and new Lt Goodyear Flight Custom III 6.5-10 tire S/N: 01962236 and new Rt Good year Flight Custom III tire S/N: 01952233 on both Rt. and Lt. main wheels. Lubricated main wheel bearing with Aeroshell 22 grease. Inflated tires to manufacturer recommended psi and checked for leaks with no leaks noted.
 2. Installed new 16 new Rapco RA66-66 brake linings on Rt and Lt brake calipers. Broke in new brakes as per manuf. Recommendation. Brakes operating satisfactorily at this time.
- All work accomplished IAW AC43-13-1B/2A, Cessna 421C maintenance manual, and all applicable FARs.

William Wood A&P 2769598

Date: 5/16/2011; Aircraft: N711TX; Type: 421C; S/N: 421C0165; Hobbs: 4984; Tach:: Total Time:
Shop Order #: SH-11-0176

Discrepancy: 2

RIGHT HAND COCKPIT SIDE WINDOW CHIPPED.

Corrective Action: 2

REMOVED THE OLD RIGHT SIDE COCKPIT WINDOW. INSTALLED REPAIRED WINDOW PART NUMBER 5111605-4, SERIAL NUMBER 1-22-10, FROM PERKINS AIRCRAFT SERVICES, INC. ON THEIR WORK ORDER NUMBER 027834, DATED 4/25/11.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.

Signed:

Dated: 5/16/11

Tri-State Aero, Inc. CR6AHTR102C 5101 Flightline Drive Evansville, Indiana 47725 812-426-1221

DA

Approved for return to service: 10-31-2011 Dated: 10-31-2011
Signed: David Robinson Evansville, Indiana 47725 812-426-1221
Tri-State Aero, Inc. CRSATR102C 6101 Flightline Drive

Alterations
a Number of
specific entries.)

[illegible]

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Date: 11/14/2011; Aircraft: N711TX; Type: 421C; S/N: 421C0165; Hobbs: 4984.1; Tach:; Total Time: 5980.1 Shop Order #: SH-11-0017 Discrepancy: 2 EVALUATE DAMAGE / REPAIR ESTIMATE. Corrective Action: 2 INSPECTED AIRCRAFT FOLLOWING RIGHT GEAR UP LANDING. MADE UP AIRCRAFT REPAIR ESTIMATE. ALL FINDINGS ARE LISTED ON THIS WORK ORDER. Discrepancy: 3 PERFORM NDT TESTING OF AIRCRAFT RIGHT WING SPAR AND ALL ATTACH FITTINGS. Corrective Action: 3 NDT TESTING PERFORMED BY S&S TESTING LLC. ON THEIR WORK ORDER NUMBER 3011, DATED 2/14/11. THEY PERFORMED NDT TESTING PER SID CESSNA 421C PAGE 1 MARCH 3, 2003 SEC IV GENERAL EDDY CURRENT INSPECTION. SURFACE SCAN OF LOWER RIGHT SPAR, ENGINE BEAMS, UPPER RIGHT HAND SPAR, WHEEL WELL FORWARD BOX SECTION, RETRACT CYLINDER MOUNTS, RETRACT CYLINDER UP LOCK MOUNTS. NO CRACKS NOTED, ALL WORK ACCOMPLISHED ON RIGHT WING. Discrepancy: 4 REPAIR DAMAGE TO THE RIGHT LOWER FUSELAGE SKIN AND FORMERS FROM THE RIGHT M/L/G UP LANDING. Corrective Action: 4 REMOVED DAMAGED SKIN, DRAINS AND FORMERS FROM THE RIGHT LOWER FUSELAGE. INSTALLED NEW FORMER PART NUMBER 5111115-13. AND INSTALLED NEW FUSELAGE SKIN SECTION PART NUMBER 5111303-62 WITH PRESSURIZATION SEALANT, TO THE RIGHT LOWER SIDE OF FUSELAGE BETWEEN FUSELAGE STATIONS 225.50, 238.13. INSTALLED NEW DRAIN ASSEMBLY PART NUMBER 5119541-2 TO BOTTOM OF FUSELAGE. WORK PERFORMED I/A/W CESSNA 421C AMM 15-30, AND AC
				Continued on next page (J)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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43.13-1B.

Discrepancy: 5

RIGHT WING BONDED PANEL REPAIR. DAMAGED DUE TO LANDING WITH RIGHT M/L/G IN UP POSITION.

Corrective Action: 5

REMOVED THE DAMAGED BONDED PANEL FROM RIGHT WING JUST OUTBOARD OF ENGINE NACELLE. INSTALLED NEW BONDED WING SKIN PANEL PART NUMBER 5122053-130, BETWEEN WING STATIONS 106.79, AND 163.29. WORK PERFORMED I/A/W CESSNA 421C AMM 15-10, AND AC 43.13-1B.

Discrepancy: 6

RIGHT WING TIP DAMAGED IN GEAR UP LANDING.

Corrective Action: 6

REMOVED THE RIGHT WING TIP PART NUMBER 1094-2, SERIAL NUMBER 1090 SHIPPED TO RAM FOR REPAIR. INSTALLED RIGHT WING TIP PART NUMBER 1094-2, SERIAL NUMBER 1090 FOLLOWING REPAIR AT RAM AIRCRAFT, ON THEIR WORK ORDER NUMBER 5626, DATED MAY 11, 2011. WING LET INSTALLED I/A/W RAM AIRCRAFT WING LET'S STC NUMBER SA5811SW, AND CHECKLIST NUMBER 1090-2.

Discrepancy: 7

BOTH INBOARD AND OUTBOARD FLAPS DAMAGED FROM RIGHT M/L/G UP LANDING.

Corrective Action: 7

REMOVED OLD DAMAGED INBOARD AND OUTBOARD RIGHT WING FLAPS. INSTALLED REPAIRED RIGHT OUTBOARD FLAP PART NUMBER 0825000-82, FROM WILLIAMS AIRMOTIVE ON THEIR WORK ORDER NUMBER 013568, DATED FEB. 28, 2011 WITH NEW HINGE PIN PART NUMBER 0820027-1. INSTALLED REPAIRED RIGHT INBOARD FLAP PART NUMBER 0825000-96, FROM WILLIAMS AIRMOTIVE ON THEIR WORK ORDER NUMBER 013569, DATED FEB. 28, 2011. WITH NEW HINGE PIN PART NUMBER 0820027-2. WORK PERFORMED I/A/W CESSNA 421C AMM 5-40.

Continued on next page. (58)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Discrepancy: 8 OUTBOARD RIGHT FLAP HINGE BROKEN. FROM RIGHT M/L/G UP LANDING. Corrective Action: 8 REMOVED BROKEN OUTBOARD RIGHT WING FLAP HINGE HALF FROM WING. INSTALLED NEW RIGHT WING OUTBOARD FLAP HINGE HALF PART NUMBER 0822275-184 Discrepancy: 9 ALL FLAP CONTROL CABLES REPLACE, BOTH FLAP PUSH PULL RODS REPLACE, AND FLAP MOTOR OPERATION TROUBLESHOOTING FROM RIGHT M/L/G UP LANDING. Corrective Action: 9 REMOVED ALL OLD FLAP CONTROL CABLES FROM LEFT AND RIGHT SIDES. REMOVED ALL RIGHT OUTBOARD AND INBOARD FLAPS PUSH/PULL RODS GOING FROM BELL CRANKS TO FLAPS. INSPECTED THE REST OF THE RIGHT AND LEFT SIDE FLAPS PUSH/PULL RODS, AND BELL CRANKS, NO DEFECTS NOTED AT THIS TIME. INSTALLED NEW LEFT LOWER RETURN FLAP CABLE PART NUMBER 5000008-159, INSTALLED NEW LEFT UPPER EXTEND FLAP CABLE PART NUMBER 5000008- 63CR, NEW RIGHT LOWER RETURN FLAP CABLE PART NUMBER 5000008-61CR, RIGHT UPPER EXTEND FLAP CABLE PART NUMBER 5000008-62CR, THREE, NEW RIGHT SIDE PUSH/PULL RODS FROM BELL CRANK TO FLAPS, PART NUMBERS 0862100-50, 0862100-51, 0862100-52. INSPECTED FLAP SYSTEM MOTOR AND LIMIT SWITCHES NO DEFECTS NOTED. RE-RIGGED THE FLAP CONTROL SYSTEM. WORK PERFORMED I/A/W CESSNA 421C AMM 5-40. Discrepancy: 10 RIGHT M/L/G UP/DOWN HYDRAULIC CYLINDER REPAIR. FOLLOWING RIGHT M/L/G UP LANDING. Corrective Action: 10 FOR CORRECTIVE ACTION SEE WORK ORDER SH-11-0081, ITEM 118. Discrepancy: 11 RIGHT M/L/G UP LOCK ASSEMBLY AND HYDRAULIC ACTUATOR REPAIR, FOLLOWING RIGHT M/L/G UP
				Continued on next page JB

Continued on next page (18)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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RIGHT ELEVATOR REQUIRES BALANCING.

Corrective Action: 19

BALANCED THE RIGHT ELEVATOR AS NEEDED, NO DEFECTS NOTED. WORK PERFORMED I/A/W
CESSNA 421C AMM 1-90.

Discrepancy: 20

LANDING GEAR NITROGEN BLOW DOWN BOTTLE VALVE ALLOWS NITROGEN TO GO TO GEAR WHEN
VALVE IS SHUT.

Corrective Action: 20

REMOVED THE NITROGEN STORAGE BOTTLE PART NUMBER 9910154-2, SERIAL NUMBER 375 SENT
OUT FOR REPAIR TO AMERON GLOBAL PRODUCT SUPPORT. INSTALLED REPAIRED NITROGEN
BOTTLE PART NUMBER 9910154-2, SERIAL NUMBER 375, CYLINDER 1101T. FROM AMERON GLOBAL
PRODUCT SUPPORT ON THEIR WORK ORDER NUMBER P11-0678, DATED 10/19/11. NO DEFECTS
NOTED AT THIS TIME. SERVICED BOTTLE WITH NITROGEN. WORK PERFORMED I/A/W CESSNA 421C
AMM 2-60, 4-60.

Discrepancy: 21

ANTENNA WAS DAMAGED ON BOTTOM OF FUSELAGE.

Corrective Action: 21

REMOVED UN-USED ANTENNA FROM BELLY. STRAIGHTENED ANTENNA OUT AND RE-INSTALLED
BACK ONTO BELLY.

Discrepancy: 400

REMOVE THE RIGHT ENGINE FOR SUDDEN STOPPAGE INSPECTION AFTER RIGHT MAIN GEAR UP
LANDING.

Corrective Action: 400

REMOVED THE RIGHT ENGINE MODEL NUMBER GTSIO-520-L, SERIAL NUMBER 272347-R, AND SENT
OUT TO RAM FOR SUDDEN STOPPAGE INSPECTION ON 2/28/11. ACTT=5980.1, ENGTSOH=212.7. RE-

Continued on next page.

(JB)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 11/14/2011; Aircraft: N711TX; Type: 421C; S/N: 421C0165; Hobbs: 4948.1; Tach; Total Time: 5980.1

Shop Order #: SH-11-0081

Discrepancy: 2

ANNUAL INSPECTION DUE ON THIS CESSNA 421C.

Corrective Action: 2

COMPLIED WITH THE ANNUAL INSPECTION ON THIS CESSNA 421C.

Discrepancy: 3

A.D. RESEARCH IS DUE.

Corrective Action: 3

COMPLIED WITH THE A.D. RESEARCH FOR THIS AIRCRAFT UP THE DATE OF THIS ANNUAL INSPECTION.

Discrepancy: 4

ELT INSPECTION IS DUE PER FAR 91.207 (d).

Corrective Action: 4

COMPLIED WITH THE ELT INSPECTION PER FAR 91.207(d). NO DEFECTS NOTED AT THIS TIME.

Discrepancy: 5

THE LEFT M/L/G HYDRAULIC ACTUATOR LEAKING. REMOVE AND SEND OUT.

Corrective Action: 5

REMOVED THE LEFT M/L/G HYDRAULIC ACTUATOR PART NUMBER 9910136-2. INSTALLED LEFT HYDRAULIC M/L/G ACTUATOR PART NUMBER 9910136-2, SERIAL NUMBER 2381, WITH NEW ORIFICED FITTING PART NUMBER 5727005-11. ACTUATOR OVERHAULED AT AIR CAPITOL JET ON THEIR WORK ORDER NUMBER 2381, DATED 4/1/2009. OPERATED THE LANDING GEAR THROUGH SEVERAL CYCLES. NO LEAKS OR DEFECTS NOTED AT THIS TIME. WORK PERFORMED I/AW CESSNA 421C AMM 4-31, 4-30.

Discrepancy: 6

Continued on next page (JB)

Records are approved for release

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

THE LEFT M/L/G UP LOCK HOOK ACTUATOR NEEDS OVERHAULED.

Corrective Action: 6

REMOVED THE LEFT M/L/G UP LOCK HYDRAULIC ACTUATOR PART NUMBER 5727110-9. INSTALLED OVERHAULED LEFT M/L/G UP LOCK HOOK HYDRAULIC ACTUATOR PART NUMBER 5727110-9, SERIAL NUMBER CE378, FROM THE AVIATION GROUP ON THEIR WORK ORDER NUMBER 36038, DATED MARCH 29, 2011. OPERATIONAL AND LEAK CHECK GOOD AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 4-33, 4-30.

Discrepancy: 7

FOUND CORROSION UNDER RIGHT WING DE-ICE BOOT

Corrective Action: 7

REMOVED THE CORROSION FROM THE RIGHT WING LEADING EDGE, AND ALODINED AS NEEDED. WORK PERFORMED I/A/W CESSNA 421C AMM 15-50.

Discrepancy: 8

RIGHT AILERON OUTBOARD HINGE BEARING WORN.

Corrective Action: 8

REMOVED THE OLD RIGHT OUTBOARD AILERON BEARING. INSTALLED NEW RIGHT AILERON BEARING PART NUMBER ASR4-402. WORK PERFORMED I/A/W CESSNA 421C AMM 5-10.

Discrepancy: 9

COMPLY WITH CESSNA MEB 77-34 TRIM CONTROL SYSTEM INSPECTION.

Corrective Action: 9

COMPLIED WITH CESSNA MEB77-34, TRIM CONTROL SYSTEM INSPECTION. NO DEFECTS NOTED AT THIS TIME.

Discrepancy: 10

S.B. ME75-4 BATTERY & BATTERY BOX MAINTENANCE DUE.

Corrective Action: 10

Continued on next page

7

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

COMPLIED WITH CESSNA MEB 75-4, BATTERY AND BOX MAINTENANCE. NO DEFECTS NOTED AT THIS TIME. NEXT DUE IN 50 HOURS.

Discrepancy: 11

AD 00-01-16 AMEND. 39-11514 DATED 2/15/00 (BOTH LEFT AND RIGHT ENGINE EXHAUST SYSTEM INSPECTION PER COMPLIANCE TABLE FIGURE 1 PARA. B,C,D,&E) DUE.

Corrective Action: 11

COMPLIED WITH AD 00-01-16, AMENDMENT 39-11514 DATED 2/15/00 ON BOTH LEFT AND RIGHT ENGINES EXHAUST SYSTEMS. PERFORMED THE REQUIREMENTS OF AD FIGURE ONE PARAGRAPH B,C,D,&E. NO DEFECTS NOTED AT THIS TIME ON LEFT ENGINE. RIGHT ENGINE LEAKING OUT TAIL PIPE CLAMP, AND WASTE GATE TO TAIL PIPE CLAMP. REMOVED OLD-CLAMPS, INSTALLED NEW MAIN TAIL PIPE ATTACH CLAMP PART NUMBER, 41195AB502, AND NEW WASTE GATE TO TAIL PIPE CLAMP PART NUMBER U10C050-240M. NO LEAKS NOTED ON RIGHT SIDE. PARAGRAPH "B" IS NEXT DUE IN 50 HOURS, OR 30 CALENDAR DAYS, WHICHEVER OCCURS LATER. PARAGRAPH "C" IS NEXT DUE NOT TO EXCEED 12 CALENDAR MONTHS. PARAGRAPH "D" NEXT DUE NOT TO EXCEED 500 HOURS TIME IN SERVICE. PARAGRAPH "E" NEXT DUE NOT TO EXCEED 12 CALENDAR MONTHS.

Discrepancy: 12

BOTH LEFT AND RIGHT HYDRAULIC FILTERS DUE CHANGE.

Corrective Action: 12

REMOVED OLD HYDRAULIC FILTERS FROM LEFT AND RIGHT SIDES. INSTALLED NEW HYDRAULIC FILTERS PART NUMBER AN6235-2A FOR THE LEFT AND RIGHT SIDES. NO LEAKS NOTED AT THIS TIME. WORK PERFORMED I/AW CESSNA 421C AMM 11-03.

Discrepancy: 13

CREW CHIEF TECHNICAL RESEARCH.

Corrective Action: 13

COMPLIED WITH CREW CHIEF TECHNICAL RESEARCH.

Continued on next page

JB

YEAR 20 _ _ _ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

Discrepancy: 14

LEFT M/L/G UP LOCK HOOK MOUNT BRACKET BROKEN.

Corrective Action: 14

REMOVED THE LEFT M/L/G UP LOCK HOOK INBOARD AND OUTBOARD BRACKETS. INSTALLED NEW LEFT M/L/G UP LOCK HOOK INBOARD BRACKET PART NUMBER 5141204-3, AND OUTBOARD SUPPORT PART NUMBER 5141205-203, AND NEW BEARING BLOCK PART NUMBER 5141203-3, WITH NEW ATTACHING HARDWARE. OPERATIONAL CHECK OF THE UP LOCK HOOK ASSEMBLY IS GOOD AT THIS TIME. WORK PERFORMED I/AW CESSNA 421C AMM 15-10.

Discrepancy: 15

RIGHT M/L/G UP LOCK HOOK MOUNT BRACKET BROKEN.

Corrective Action: 15

REMOVED THE RIGHT M/L/G UP LOCK HOOK INBOARD AND OUTBOARD BRACKETS. INSTALLED NEW RIGHT M/L/G UP LOCK HOOK INBOARD BRACKET PART NUMBER 5141204-4, AND OUTBOARD SUPPORT PART NUMBER 5141205-202, AND NEW BEARING BLOCK PART NUMBER 5141203-3. WITH NEW ATTACHING HARDWARE. OPERATIONAL CHECK OF THE UP LOCK HOOK ASSEMBLY IS GOOD AT THIS TIME. WORK PERFORMED I/AW CESSNA 421C AMM 15-10.

Discrepancy: 16

RIGHT M/L/G UP LOCK SWITCH WIRES PULLED OUT OF THE BACK OF IT.

Corrective Action: 16

REMOVED THE OLD RIGHT M/L/G UP LOCK SWITCH. INSTALLED AND RIGGED NEW RIGHT M/L/G UP LOCK SWITCH PART NUMBER 602EN55-6B. OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/AW CESSNA 421C 4-70.

Discrepancy: 17

RIGHT ALTERNATOR AXILLARY WIRE RING TERMINAL BROKEN.

Corrective Action: 17

Continued on next page. (JP)

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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REMOVED OLD RING TERMINAL. INSTALLED NEW RING TERMINAL PART NUMBER 36153 ON RIGHT ALTERNATOR AUXILIARY WIRE AS NEEDED.

Discrepancy: 18

RIGHT ENGINE PROPELLER CONTROL ROD END WORN AT THE GOVERNOR.

Corrective Action: 18

REMOVED OLD RIGHT PROPELLER CONTROL ROD-END. INSTALLED NEW ROD-END PART NUMBER S1105-3 FOR THE RIGHT ENGINE PROPELLER CONTROL CABLE AT THE GOVERNOR. WORK PERFORMED I/AW CESSNA 421C 7-50.

Discrepancy: 19

RIGHT ELEVATOR TIP RUBBING THE HORIZONTAL STABILIZER.

Corrective Action: 19

REMOVED THE OLD ELEVATOR ASSEMBLY PART NUMBER 5093400-6. INSTALLED REPAIRED RIGHT ELEVATOR ASSEMBLY PART NUMBER 5093400-6, SERIAL NUMBER 421C-1059, FROM CESSNA 421C-1059. ELEVATOR REPAIRED BY BEEGLES AIRCRAFT SERVICE INC. ON THEIR WORK ORDER NUMBER 10,856, DATED 02/06/08. ELEVATOR CAME FROM DODSON INTERNATIONAL, THEIR LOT NUMBER 91, BAR CODE NUMBER 6776554, DATED 2/25/08. INSPECTED, PAINTED AND BALANCED ELEVATOR BEFORE INSTALLATION. NO RUBBING, AND OPERATIONAL CHECK GOOD AT THIS TIME. WORKED PERFORMED I/AW CESSNA 421C AMM 5-30.

Discrepancy: 20

ELEVATOR TRIM TAB ROD END BEARING WORN IN TRIM TAB HORN.

Corrective Action: 20

REMOVED OLD BEARING. INSTALLED NEW BEARING PART NUMBER S3895-1 INTO THE ELEVATOR TRIM TAB HORN. WORK PERFORMED I/AW CESSNA 421C AMM 5-30.

Discrepancy: 21

SCAB PATCH INSTALLED ONTO ELEVATOR TRIM TAB.

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Corrective Action: 21 SEE ITEM NUMBER 19. INSTALLED REPLACEMENT ELEVATOR TRIM TAB, THAT CAME WITH ELEVATOR. Discrepancy: 22 RIGHT ELEVATOR HAS STICK ON WHEEL WEIGHTS INSTALLED ON TIP. Corrective Action: 22 SEE ITEM NUMBER 19 INSTALLED REPLACEMENT ELEVATOR. Discrepancy: 23 LEFT AND RIGHT M/L/G BRAKE DISCS ARE WORN BELOW LIMITS. Corrective Action: 23 REMOVED OLD BRAKE DISCS FROM LEFT AND RIGHT WHEEL ASSEMBLIES. INSTALLED NEW BRAKE DISCS PART NUMBER 164-06406 ONTO BOTH LEFT AND RIGHT MAIN WHEEL ASSEMBLIES. WORK PERFORMED I/A/W CESSNA 421C AMM 4-43. Discrepancy: 24 EMERGENCY EXIT WINDOW FRAME IS PUNCTURED IN LOWER AFT CORNER. Corrective Action: 24 REMOVED THE EMERGENCY EXIT WINDOW LOWER AFT AIRFRAME CORNER AND INSTALLED A NEW CORNER PIECE P/N=5111311-6 (GUSSET). WORK PERFORMED I/A/W CESSNA 421C AMM 15-30. Discrepancy: 25 WHILE REMOVING ACCESS PANEL UNDER RUDDER TRIM TAB, THE TRIM TAB WAS FOUND TO BE MAKING CONTACT WITH ACCESS PANEL. Corrective Action: 25 RE-POSITIONED THE UPPER TAIL CONE AS NEEDED, AND FILED OFF EXCESS SKIN FROM THE LOWER END OF THE RUDDER TRIM TAB TO PROVIDE MORE CLEARANCE BETWEEN TRIM TAB AND TAIL CONE. Continued on next page (708)

YEAR 20__ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Discrepancy: 26

LEFT ENGINE NUMBER TWO CYLINDER CHT PROBE WIRING BROKEN.

Corrective Action: 26

REMOVED OLD CHT PROBE FROM LEFT ENGINE NUMBER TWO CYLINDER. INSTALLED NEW CHT PROBE PART NUMBER 0813601-6 INTO THE NUMBER TWO CYLINDER OF THE LEFT ENGINE. OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 7-32.

Discrepancy: 27

LEFT AND RIGHT ENGINES' OUTBOARD SIDE COWLING'S' HINGE PINS ARE NOT SECURED.

Corrective Action: 27

SECURED BOTH THE LEFT AND RIGHT ENGINES SIDE COWLING'S' HINGE PINS AS NEEDED.

Discrepancy: 28

LOOSE AND WORKING RIVETS IN THE LEFT AND RIGHT ENGINES, INBOARD AND OUTBOARD ENGINE BEAMS TOP PLATES.

Corrective Action: 28

REMOVED THE LEFT AND RIGHT ENGINE FROM AIRPLANE. REMOVED THE OLD TOP CAPS OF THE LEFT AND RIGHT SIDES, INBOARD AND OUTBOARD BEAMS. INSTALLED NEW TOP CAPS PART NUMBER 5054020-7, AND 5054020-8 ONTO THE LEFT AND RIGHT SIDES, INBOARD AND OUTBOARD ENGINE BEAMS. RE-SEALED AREAS WITH FIRE WALL SEALANT AS NEEDED. RE-INSTALLED THE LEFT AND RIGHT ENGINES. NO LEAKS NOTED AT THIS TIME, OPERATIONAL CHECK GOOD. WORK PERFORMED I/A/W CESSNA 421C AMM 15, 7, AND AC43.13-1B. FILLED OUT AND SUBMITTED FAA FORM 337.

Discrepancy: 29

BOTH LEFT AND RIGHT M/L/G BRAKE CALIPERS LEAKING HYDRAULIC FLUID.

Corrective Action: 29

REMOVED LEFT AND RIGHT BRAKE CALIPERS FROM AIRPLANE. DIS-ASSEMBLED, CLEANED,

Continued on next page. (JB)

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				INSPECTED AND RE-SEALED BOTH LEFT AND RIGHT BRAKE CALIPERS WITH NEW O-RINGS PART NUMBER MS28775-132. RE-INSTALLED BOTH BRAKE CALIPERS ONTO AIRCRAFT WITH A NEW BRAKE SHIM PART NUMBER 068-02800 ON THE RIGHT SIDE. BLED BOTH LEFT AND RIGHT BRAKE SYSTEMS AS NEEDED. WORK PERFORMED I/A/W CESSNA 421C AMM 4-43. Discrepancy: 30 SHIMMY DAMPENER NEEDS RE-SEALED AND SERVICED WITH HYDRAULIC FLUID. Corrective Action: 30 REMOVED SHIMMY DAMPENER FROM AIRPLANE. DIS-ASSEMBLED, CLEANED, INSPECTED, AND RE-ASSEMBLED WITH NEW SEAL KIT PART NUMBER 0842410-200, AND NEW AFT BEARING PART NUMBER 0842413-2. SERVICED WITH HYDRAULIC FLUID AND RE-INSTALLED BACK ONTO NOSE GEAR. WORK PERFORMED I/A/W CESSNA 421C AMM 4-21. Discrepancy: 31 RIGHT ENGINE FUEL PRESSURE REGULATOR MOUNT BAD. Corrective Action: 31 REMOVED OLD FUEL PRESSURE MOUNT FROM RIGHT ENGINE. INSTALLED NEW FUEL PRESSURE MOUNT PART NUMBER 5154065-1 ON THE RIGHT ENGINE. Discrepancy: 32 GALLEY DRAIN LINE T-FITTING IS CORRODED UNDER FLOOR IN AFT FUSELAGE. Corrective Action: 32 REMOVED OLD GALLEY DRAIN T-FITTING. INSTALLED NEW DRAIN T-FITTING, AND NEW HOSES UNDER AFT CABIN FLOOR FOR THE GALLEY DRAINS. WORK PERFORMED I/A/W CESSNA 421C AMM 12-33. Discrepancy: 33 THE MAIN AIRCRAFT BATTERY IS BAD. ALL CELLS WERE DRY. Corrective Action: 33 Continued on next page. JB

DISCREPANCY: 30
 SHIMMY DAMPENER NEEDS RE-SEALED AND SERVICED WITH HYDRAULIC FLUID.
 Corrective Action: 30
 REMOVED SHIMMY DAMPENER FROM AIRPLANE. DIS-ASSEMBLED, CLEANED, INSPECTED, AND RE-ASSEMBLED WITH NEW SEAL KIT PART NUMBER 0842410-200, AND NEW AFT BEARING PART NUMBER 0842413-2. SERVICED WITH HYDRAULIC FLUID AND RE-INSTALLED BACK ONTO NOSE GEAR. WORK PERFORMED I/A/W CESSNA 421C AMM 4-21.
 DISCREPANCY: 31
 RIGHT ENGINE FUEL PRESSURE REGULATOR MOUNT BAD.
 Corrective Action: 31
 REMOVED OLD FUEL PRESSURE MOUNT FROM RIGHT ENGINE. INSTALLED NEW FUEL PRESSURE MOUNT PART NUMBER 5154065-1 ON THE RIGHT ENGINE.
 DISCREPANCY: 32
 GALLEY DRAIN LINE T-FITTING IS CORRODED UNDER FLOOR IN AFT FUSELAGE.
 Corrective Action: 32
 REMOVED OLD GALLEY DRAIN T-FITTING. INSTALLED NEW DRAIN T-FITTING, AND NEW HOSES UNDER AFT CABIN FLOOR FOR THE GALLEY DRAINS. WORK PERFORMED I/A/W CESSNA 421C AMM 12-33.
 DISCREPANCY: 33
 THE MAIN AIRCRAFT BATTERY IS BAD. ALL CELLS WERE DRY.
 Corrective Action: 33

Inspection, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of
 Technician or Repair Facility. (See back pages for other specific entries.)

REMOVED OLD AIRCRAFT BATTERY PART NUMBER G-246, SERVICED, CHARGED, AND
 INSTALLED NEW AIRCRAFT BATTERY PART NUMBER G-246, SERIAL NUMBER G02679388, AIRCRAFT
 ELECTRICAL OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C

AMM 13-21.
 Discrepancy: 34
 THE FLOOR ACCESS PANEL UNDER THE PILOT'S SEAT IS MISSING AND INSPECTION HOLES IN
 FORWARD CABIN FLOOR, PANELS NEED SECURED.

Corrective Action: 34
 INSTALLED USED SERVICEABLE FLOOR PANELS PART NUMBER 5015084-4 UNDER PILOT'S SEAT AS
 NEEDED. SECURED OPENINGS IN FORWARD CABIN FLOOR AS NEEDED.

Discrepancy: 35
 LEFT ENGINE WIRE BUNDLE CHAFING HYDRAULIC HOSE AT FILTER AND TURBO CONTROLLER DRAIN
 LINE.

Corrective Action: 35
 REPAIRED CHAFED AREA IN LEFT ENGINE WIRE BUNDLE AS NEEDED. RE-POSITIONED LEFT ENGINE
 WIRE BUNDLE TO PREVENT FUTURE CHAFING.

Discrepancy: 36
 LEFT ENGINE NUMBER FOUR CYLINDER EGT PROBE SHIELDING TORN AND BROKEN.

Corrective Action: 36
 REMOVED OLD EGT PROBE. INSTALLED NEW EGT PROBE PART NUMBER M-111-G, INTO THE LEFT
 ENGINE NUMBER FOUR CYLINDER. WORK PERFORMED I/A/W CESSNA 421C AMM 7-61.

Discrepancy: 37
 LEFT WING FUEL CAP LANYARD BROKEN.

Corrective Action: 37
 REMOVED BROKEN FUEL CAP LANYARD. INSTALLED NEW LEFT WING FUEL CAP LANYARD PART

Continued on next page. (JR)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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LEFT AND RIGHT WING FUEL BOOST PUMPS MOUNT PLATES HAVE BOLTS MISSING.

Corrective Action: 42

REMOVED HARDWARE FROM LEFT AND RIGHT BOOST PUMP MOUNTING PLATES, ADJUSTED MOUNTING PLATES TO ALINE MOUNTING HOLES, ALSO ADJUSTED AND RE SECURED THREE NUT PLATES ON RIGHT SIDE MOUNTING PLATES. INSTALLED NEW HARD WARE IN MOUNTING PLATES ON LEFT AND RIGHT SIDES. WORK PERFORMEDN I/A/W CESSNA 421C AMM 9-10.

Discrepancy: 43

LEFT AND RIGHT WINGS FUEL SELECTOR VALVE MOUNT BOLTS SAFETY WIRED BACK WARDS.

Corrective Action: 43

RE-SAFETIED THE MOUNT BOLTS FOR THE LEFT AND RIGHT WINGS FUEL SELECTOR VALVES I/A/W CESSNA 421C AMM 9-10.

Discrepancy: 44

LEFT M/L/G DOOR PUSH/PULL ROD. ROD END WORN AT THE DOOR.

Corrective Action: 44

REMOVED OLD ROD END FROM LEFT SIDE. INSTALLED NEW ROD END PART NUMBER ARB4EDUS ONTO THE LEFT SIDE M/L/G DOOR PUSH PULL ROD, DOOR SIDE. OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 3-14.

Discrepancy: 45

LEFT ENGINE INBOARD AFT NACELLE SKIN ON BOTTOM HAS LOOSE RIVETS, AND SKIN IS CRACKED.

Corrective Action: 45

REMOVED LOOSE RIVETS. STOP DRILLED SMALL CRACK IN SKIN. INSTALLED NEW RIVETS AS NEEDED.

Discrepancy: 46

BOTH M/L/G CENTER TORQUE LINK BOLTS ARE LOOSE. LEFT ONE LOOKS LIKE IT HAS IMPROPER HARDWARE.

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YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

Corrective Action: 46
DE-FLATED BOTH LEFT AND RIGHT M/L/G STRUTS. REMOVED OLD ATTACHING HARDWARE FROM BOTH LEFT AND RIGHT M/L/G CENTER TORQUE LINKS. REPLACED CENTER BUSHING PART NUMBER 5041013-3, ON LEFT SIDE UPPER TORQUE LINK. REPLACED ALL BOLTS, WASHERS, SPACERS, AND NUTS ON BOTH CENTER TORQUE LINKS. SERVICED BOTH LEFT AND RIGHT STRUTS WITH NITROGEN AS NEEDED PER CESSNA 421C AMM CHAPTER 4-10.

Discrepancy: 47
TWO RIVETS MISSING IN THE LEFT WING, INBOARD FLAP HINGE LINE.

Corrective Action: 47
INSTALLED TWO RIVETS INTO THE LEFT WING INBOARD FLAP HINGE LINE AS NEEDED.

Discrepancy: 48
LEFT WING NACELLE FUEL TANK, AFT SUMP SEEPING FUEL AROUND FITTINGS.

Corrective Action: 48
REMOVED THE LEFT AUX FUEL TANK FOR OTHER MAINTENANCE. FOUND THE AUX TANK BLADDER NIPPLE BROKEN AND LEAKING FUEL FROM THERE ONTO SUMP DRAIN. INSTALLED NEW LEFT NACELLE AUX BLADDER SEE ITEM NUMBER 111 ON THIS WORK ORDER.

Discrepancy: 49
LEFT WING PNEUMATIC DUCT CLAMP IS NOT POSITIONED CORRECTLY ON WING STRUCTURE MOUNT, AND HOLE TORN IN DUCT.

Corrective Action: 49
REMOVED OLD AIR DUCT. INSTALLED NEW AIR DUCT PART NUMBER CM3211-10B38.0 INTO THE LEFT WING FOR BLEED AIR BETWEEN ENGINE AND HEAT EXCHANGER. WORK PERFORMED I/AW CESSNA 421C AMM 6-23.

Discrepancy: 50
ALL LEFT AND RIGHT M/L/G BRAKE LININGS HELD ON WITH RTV.

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JB

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
				Corrective Action: 50 REMOVED ALL BRAKE LININGS FROM BACKING PLATES. CLEANED OFF SILICONE FROM LININGS AND BACKING PLATES. ADJUSTED BACKING PLATE PINS SO THAT THE LININGS WILL FIT TIGHTLY ON PLATES. FOUND ONE BACKING PLATE PIN DAMAGED. REMOVED BAD PIN AND INSTALLED NEW PIN PART NUMBER 06-01501. WORK PERFORMED I/A/W CESSNA 421C AMM 4-43.
				Discrepancy: 51 BATTERY BOX VENT TUBE ON BOTTOM OF WING MISSING.
				Corrective Action: 51 REMOVED THE REMAINDER OF THE OLD BATTERY BOX VENT TUBE. INSTALLED NEW BATTERY BOX VENT TUBE PART NUMBER 5118419-2 ONTO THE BOTTOM OF THE LEFT WING AND PAINTED. WORK PERFORMED I/A/W CESSNA 421C AMM 13-21.
				Discrepancy: 52 BUSHING MISSING FROM LEFT HEAT EXCHANGER BUTTERFLY VALVE ON THE INBOARD END.
				Corrective Action: 52 REMOVED THE LEFT WING HEAT EXCHANGER. INSTALLED MISSING BUSHING PART NUMBER S1080-2 INTO THE INBOARD END OF HEAT EXCHANGER BUTTERFLY VALVE. RE-INSTALLED LEFT SIDE HEAT EXCHANGER INTO WING WITH NEW LEFT SIDE LOWER HOSE PART NUMBER CM3211-1089.5. WORK PERFORMED I/A/W CESSNA 421C AMM 6-10.
				Discrepancy: 53 LOOSE RIVETS IN LEFT WING TO FUSELAGE FAIRING, BOTTOM FORWARD END.
				Corrective Action: 53 REMOVED OLD LOOSE RIVETS. INSTALLED NEW RIVETS INTO THE LEFT AND RIGHT WING TO FUSELAGE FAIRINGS AS NEEDED.
				Discrepancy: 54 BOTH MAIN CANNON PLUGS IN LEFT AND RIGHT INBOARD WING LEADING EDGES NEED TO BE
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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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SAFETIED.
Corrective Action: 54
SAFETY WIRED BOTH LEFT AND RIGHT MAIN CANNON PLUGS IN INBOARD LEADING EDGES.
Discrepancy: 55
FLEXIBLE DUCT COMING FROM RIGHT ENGINE BLEED AIR LINE, GOING TO RIGHT SIDE HEAT EXCHANGER HAS HOLE IN IT.
Corrective Action: 55
REMOVED OLD FLEXIBLE DUCT. INSTALLED NEW FLEXIBLE DUCT PART NUMBER CM3211-10B38.0 FROM RIGHT ENGINE BLEED AIR LINE TO THE RIGHT SIDE HEAT EXCHANGER. WORK PERFORMED I/AW CESSNA 421C AMM 6-23.
Discrepancy: 56
ROW OF LOOSE RIVETS, BOTTOM INBOARD AFT OF LEFT AND RIGHT NACELLE SKIN.
Corrective Action: 56
REMOVED OLD RIVETS. INSTALLED NEW RIVETS INTO THE LOWER LEFT AND RIGHT NACELLE SKIN AS NEEDED.
Discrepancy: 57
RIGHT ENGINE TOP COWLING HAS HOLE CHAFED THROUGH UPPER SKIN.
Corrective Action: 57
FABRICATED AND INSTALLED PATCH TO THE INSIDE OF THE RIGHT ENGINE TOP COWLING, AND PAINTED AS NEEDED.
Discrepancy: 58
LEFT AND RIGHT ENGINE TOP COWLING'S FORWARD STRINGERS ARE CRACKED.
Corrective Action: 58
CLEANED COWLING'S, FABRICATED DOUBLER AND ALODINED. STOP DRILLED CRACKS IN STRINGERS. INSTALLED DOUBLER TO THE FORWARD STRINGER ON EACH LEFT AND RIGHT UPPER

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Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Discrepancy: 63

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Inspection, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of
 Technician or Repair Facility. (See back pages for other specific entries.)

REMOVED OLD CO-PILOT'S FOUL WEATHER
 WINDOW PART NUMBER 511603-6. WORK PERFORMED I/AW CESSNA 421C AMM 3-30.

RIGHT HORIZONTAL STABILIZER DE-ICE BOOT HAS SMALL SPLIT IN IT.
 ROUGHED UP AND CLEANED AREA FOR PATCH PART NUMBER 74-451-187, INSTALLED ON SMALL
 SPLIT IN RIGHT HORIZONTAL STABILIZER DE-ICE BOOT. WORK PERFORMED I/AW CESSNA 421C AMM

LEFT ELEVATOR CENTER BEARING WORN.
 REMOVED LEFT ELEVATOR. REMOVED OLD CENTER MOUNT BEARING, INSTALLED NEW BEARING
 PART NUMBER MS24462-4 FOR THE CENTER MOUNT HINGE FOR THE LEFT ELEVATOR. WORK
 PERFORMED I/AW CESSNA 421C AMM 5-30.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				PERFORMED I/AW CESSNA 421C AMM 5-30. Discrepancy: 67 CO-PILOT'S STORM WINDOW CRACKED. Corrective Action: 67 REMOVED OLD CO-PILOT'S FOUL WEATHER WINDOW. INSTALLED NEW CO-PILOT'S FOUL WEATHER WINDOW PART NUMBER 511603-6. WORK PERFORMED I/AW CESSNA 421C AMM 3-30. Discrepancy: 68 RIGHT HORIZONTAL STABILIZER DE-ICE BOOT HAS SMALL SPLIT IN IT. Corrective Action: 68 ROUGHED UP AND CLEANED AREA FOR PATCH PART NUMBER 74-451-187, INSTALLED ON SMALL SPLIT IN RIGHT HORIZONTAL STABILIZER DE-ICE BOOT. WORK PERFORMED I/AW CESSNA 421C AMM 12-60. Discrepancy: 69 LEFT ELEVATOR CENTER BEARING WORN. Corrective Action: 69 REMOVED LEFT ELEVATOR. REMOVED OLD CENTER MOUNT BEARING, INSTALLED NEW BEARING PART NUMBER MS24462-4 FOR THE CENTER MOUNT HINGE FOR THE LEFT ELEVATOR. WORK PERFORMED I/AW CESSNA 421C AMM 5-30. Discrepancy: 70 TWO RUDDER TRIM PULLEYS IN TAIL ARE WORN. Corrective Action: 70 REMOVED OLD PULLEYS. INSTALLED TWO NEW RUDDER TRIM PULLEYS PART NUMBER MS20219-2, I/AW CESSNA 421C AMM 5-20. Discrepancy: 71 TWO ELEVATOR TRIM PULLEYS IN TAIL ARE WORN.

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YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Corrective Action: 71 REMOVED OLD PULLEYS. INSTALLED TWO NEW PULLEYS PART NUMBER S378-1, INTO THE TAIL FOR THE ELEVATOR TRIM SYSTEM, I/A/W CESSNA 421C AMM 5-30.
				Discrepancy: 72 TWO RUDDER CABLE PULLEYS IN LOWER VERTICAL STABILIZER ARE WORN.
				Corrective Action: 72 REMOVED OLD PULLEYS. INSTALLED TWO NEW PULLEYS PART NUMBER S378-4, INTO THE LOWER VERTICAL STABILIZER, FOR THE RUDDER CONTROL SYSTEM. I/A/W CESSNA 421C AMM 5-20.
				Discrepancy: 73 FOUR YAW DAMPENER RUDDER BRIDAL CABLE PULLEYS IN LOWER VERTICAL STABILIZER ARE WORN.
				Corrective Action: 73 REMOVED OLD PULLEYS. INSTALLED FOUR NEW PULLEYS, PART NUMBER S378-1, INTO THE LOWER VERTICAL STABILIZER, FOR THE RUDDER YAW DAMPENER SYSTEM I/A/W CESSNA 421C AMM 5-21.
				Discrepancy: 74 NUT PLATE COMING APART, LOWER LEFT INSPECTION PANEL ON VERTICAL STABILIZER.
				Corrective Action: 74 REMOVED OLD NUT-PLATE. INSTALLED NEW NUT-PLATE PART NUMBER MS21059L3 FOR THE LOWER LEFT INSPECTION PANEL ON THE VERTICAL STABILIZER.
				Discrepancy: 75 RIGHT HYDRAULIC FLOW ANNUNCIATOR LIGHT LENS IS BROKEN.
				Corrective Action: 75 REMOVED BROKEN LENS. INSTALLED NEW LENS AND PLACARD PART NUMBER 65-0890-3. FOR THE RIGHT HYDRAULIC FLOW INDICATOR LIGHT IN THE ANNUNCIATOR PANEL AS NEEDED. OPERATIONAL CHECK GOOD AT THIS TIME.
				Continued on next page. (50)

REPAIR RECORD
DATE: 10-1-70
BY: J.B.

Inspection, Tests, Repairs and Alterations

ENGINE MONITOR WIRING IN CENTER FLOOR AFT OF PEDESTAL IS LAYING ON FLIGHT CONTROL CABLES IN THE CENTER FLOOR AS NEEDED.

ELEVATOR CABLE PULLEY JUST FORWARD OF FLAP MOTOR WORN.

REMOVED OLD PULLEY. INSTALLED NEW PULLEY, PART NUMBER S378-3, INTO CENTER CABIN FLOOR, FOR THE ELEVATOR CONTROL SYSTEM. WORK PERFORMED I/A/W CESSNA 421C AMM 5-30.

TWO AILERON CONTROL CABLE PULLEYS ARE WORN IN CENTER FLOOR AFT OF FLAP MOTOR.

REMOVED OLD PULLEYS. INSTALLED TWO NEW PULLEYS, PART NUMBER S378-3, INTO THE CENTER FLOOR FOR THE AILERON CONTROL SYSTEM I/A/W CESSNA 421C AMM 5/10.

TWO WORN ELEVATOR PULLEYS IN CENTER FLOOR.

REMOVED OLD PULLEYS. INSTALLED TWO NEW PULLEYS PART NUMBER S378-3 FOR THE ELEVATOR CONTROL SYSTEM. I/A/W CESSNA 421C AMM 5-30.

TWO AILERON AUTO PILOT SERVO BRIDAL CABLE PULLEYS ARE WORN.

REMOVED OLD PULLEYS. INSTALLED TWO NEW PULLEYS PART NUMBER S378-1, INTO CENTER

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				Discrepancy: 76 ENGINE MONITOR WIRING IN CENTER FLOOR AFT OF PEDESTAL IS LAYING ON FLIGHT CONTROL CABLES. Corrective Action: 76 SECURED THE ENGINE MONITOR WIRING AWAY FROM THE FLIGHT CONTROL CABLES IN THE CENTER FLOOR AS NEEDED. Discrepancy: 77 ELEVATOR CABLE PULLEY JUST FORWARD OF FLAP MOTOR WORN. Corrective Action: 77 REMOVED OLD PULLEY. INSTALLED NEW PULLEY, PART NUMBER S378-3, INTO CENTER CABIN FLOOR, FOR THE ELEVATOR CONTROL SYSTEM. WORK PERFORMED I/A/W CESSNA 421C AMM 5-30. Discrepancy: 78 TWO AILERON CONTROL CABLE PULLEYS ARE WORN IN CENTER FLOOR AFT OF FLAP MOTOR. Corrective Action: 78 REMOVED OLD PULLEYS. INSTALLED TWO NEW PULLEYS, PART NUMBER S378-3, INTO THE CENTER FLOOR FOR THE AILERON CONTROL SYSTEM I/A/W CESSNA 421C AMM 5/10. Discrepancy: 79 TWO WORN ELEVATOR PULLEYS IN CENTER FLOOR. Corrective Action: 79 REMOVED OLD PULLEYS. INSTALLED TWO NEW PULLEYS PART NUMBER S378-3 FOR THE ELEVATOR CONTROL SYSTEM. I/A/W CESSNA 421C AMM 5-30. Discrepancy: 80 TWO AILERON AUTO PILOT SERVO BRIDAL CABLE PULLEYS ARE WORN. Corrective Action: 80 REMOVED OLD PULLEYS. INSTALLED TWO NEW PULLEYS PART NUMBER S378-1, INTO CENTER

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REMOVED OLD PULLEYS. INSTALLED NEW PULLEYS PART NUMBER S378-1, UNDER CENTER FLOOR AFT OF THE CABIN DOOR FOR THE RUDDER TRIM CONTROL SYSTEM I/A/W CESSNA 421C AMM 5-20.

Discrepancy: 86

TWO ELEVATOR TRIM PULLEYS WORN UNDER CABIN FLOOR, AFT OF CABIN DOOR.

Corrective Action: 86

REMOVED OLD PULLEYS. INSTALLED TWO NEW PULLEYS PART NUMBER S378-1, UNDER THE CENTER FLOOR AFT OF CABIN DOOR, FOR THE ELEVATOR TRIM CONTROL SYSTEM I/A/W CESSNA 421C AMM 5-30.

Discrepancy: 87

ELT BATTERY IS DUE REPLACEMENT.

Corrective Action: 87

REMOVED THE OLD ELT BATTERY. INSTALLED NEW ELT BATTERY PART NUMBER BP1010, OPERATIONAL CHECK GOOD AT THIS TIME. BATTERY NEXT DUE REPLACEMENT AUGUST 2013.

Discrepancy: 88

RUDDER GUST LOCK TAB, THAT RELEASES RUDDER LOCK, IS BENT AND BARELY TOUCHING RELEASES TRIGGER.

Corrective Action: 88

ADJUSTED THE RUDDER GUST LOCK RELEASE TAB AS NEEDED. I/A/W CESSNA 421C AMM 5-22.

Discrepancy: 89

CENTRAL VACUUM FILTER IS DUE REPLACEMENT.

Corrective Action: 89

REMOVED OLD VACUUM FILTER. INSTALLED NEW CENTRAL VACUUM FILTER PART NUMBER AM1035351A I/A/W CESSNA 421C AMM 10-20. NEXT DUE AGAIN IN 12 MONTHS.

Discrepancy: 90

CHECK ALL FLIGHT CONTROL TRAVELS AND CABLE TENSIONS.

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JB

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Corrective Action: 90
 CHECKED ALL FLIGHT CONTROL CABLE TENSIONS AND TRAVELS I/A/W CESSNA 421C AMM 5-00.
 Discrepancy: 91
 EMERGENCY EXIT WINDOW BROKEN OUT BETWEEN LOWER FASTENERS.
 Corrective Action: 91
 REMOVED OLD EMERGENCY EXIT WINDOW. INSTALLED NEW WINDOW PART NUMBER 511605-2, INTO
 THE EMERGENCY EXIT WINDOW FRAME. WORK PERFORMED I/A/W CESSNA 421C AMM 3-32.
 Discrepancy: 92
 UPRIGHT STRINGER ON EMERGENCY EXIT HAS BROKEN RIVET.
 Corrective Action: 92
 REMOVED REMAINDER OF BROKEN RIVET. INSTALLED NEW RIVET INTO THE STRINGER ON THE
 EMERGENCY EXIT WINDOW FRAME AS NEEDED.
 Discrepancy: 93
 ONE ENGINE HAS PAPER INDUCTION AIR FILTER. THE OTHER ENGINE IS A BRACKET FOAM AIR
 FILTER. BOTH ENGINES NEED TO BE THE SAME TYPE OF AIR FILTER.
 Corrective Action: 93
 REMOVED OLD ENGINE AIR FILTERS FROM BOTH SIDES. INSTALLED TWO NEW BRACKET AIR
 FILTERS PART NUMBER BA-108, INTO BOTH LEFT AND RIGHT ENGINE AIR BOXES. AIR FILTERS NEXT
 DUE REPLACEMENT IN 200 HOURS OR 12 MONTHS, OR 50% COVERED, WHICHEVER OCCURS FIRST.
 WORK PERFORMED I/A/W CESSNA 421C AMM 7-40.
 Discrepancy: 94
 RIGHT ELEVATOR TRIM TAB HINGE IS WORN, ON ELEVATOR SIDE.
 Corrective Action: 94
 SEE ITEM NUMBER 19. REPLACED ELEVATOR.
 Discrepancy: 95

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BOTH LEFT AND RIGHT RUDDER TORQUE TUBE INBOARD CLAMPS ARE LOOSE. ALSO FOUND RIGHT OUTBOARD TORQUE TUBE CLAMP TO BE LOOSE.

Corrective Action: 95

RE-SECURED LEFT AND RIGHT INBOARD RUDDER TORQUE TUBE CLAMPS, ALSO SECURED RIGHT OUTBOARD RUDDER TORQUE TUBE CLAMP. I/AW CESSNA 421C AMM 5-20.

Discrepancy: 96

THREE LOOSE RIVETS OUTBOARD OF LEFT ENGINE NACELLE, FORWARD OF TAIL PIPE.

Corrective Action: 96

REMOVED LOOSE RIVETS, REPLACED WITH NEW SOLID RIVETS.

Discrepancy: 97

CHANGE OUT ALL FLIGHT CONTROL CABLE PRESSURE VESSEL SEALS. PACK SEALS WITH GREASE.

Corrective Action: 97

REMOVED ALL OLD FLIGHT CONTROL CABLES PRESSURE VESSEL SEALS AND RETAINING CLIPS. INSTALLED ALL NEW FLIGHT CONTROL CABLES PRESSURE VESSEL SEALS AND NEW RETAINING CLIPS AS NEEDED. PACKED ALL FLIGHT CONTROL CABLES PRESSURE VESSEL SEALS WITH GREASE AS NEEDED.

Discrepancy: 98

CENTER BELLY PRESSURIZATION SEAL TORN.

Corrective Action: 98

REMOVED OLD SEALS. INSTALLED NEW FORWARD BELLY DRAINS PRESSURIZATION SEALS PART NUMBER CM3575-4. WORK PERFORMED I/AW CESSNA 421C AMM 15-40.

Discrepancy: 99

WHILE DOING ENGINE BEAM WORK, FOUND CORROSION BETWEEN SKIN PIECES.

Corrective Action: 99

REMOVED CORROSION FROM ENGINE BEAMS, AND LOWER SKINS AS NEEDED. ETCHED, ALODINED,

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JR

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AND PAINTED AREAS AS NEEDED. WORK PERFORMED I/A/W CESSNA 421C AMM 15-50.

Discrepancy: 100

AD 81-09-09 AMEND. 39-4102 DATED 5/08/81 ("AIRCRAFT HEATER INSPECTION PARA. A", 250 HEATER HOUR METER) DUE. HEATER HOUR METER 1470.8 HRS AT TIME OF AD.

Corrective Action: 100

COMPLIED WITH AD 81-09-09 AMENDMENT 39-4102, DATED 5/8/81. AIRCRAFT CABIN HEATER INSPECTION, AT HEATER HOUR METER OF 1470.8. NO DEFECTS NOTED AT THIS TIME, OPERATIONAL CHECK GOOD. NEXT DUE IN 250 HEATER HOURS.

Discrepancy: 101

AD 10-01-03 AMEND. 39-16159 DATED 1/20/10 (FIRE FIGHTING ENTERPRISES LIMITED CONTAMINATED HALON) DUE.

Corrective Action: 101

COMPLIED WITH AD 10-01-03 AMENDMENT 39-16159, DATED 1/20/10 (FIRE FIGHTING ENTERPRISES LIMITED CONTAMINATED HALON.) THIS AD DOES NOT APPLY, DIFFERENT MANUFACTURER OF THE CABIN FIRE EXTINGUISHER.

Discrepancy: 102

AD 10-04-16 AMEND. 39-16209 DATED 3/08/10 (TYPE H1-10 AIR HALON 1211 SICLI P/N=1708337B4 PORTABLE FIRE EXTINGUISHER CONTAMINATED HALON) DUE.

Corrective Action: 102

COMPLIED WITH AD 10-04-16 AMENDMENT 39-16209, DATED 3/8/10 (TYPE H1-10 AIR HALON 1211 SICLI PART NUMBER 1708337B4 PORTABLE FIRE EXTINGUISHER CONTAMINATED HALON) AD DOES NOT APPLY TO INSTALLED FIRE EXTINGUISHER BY MANUFACTURER.

Discrepancy: 103

AD 95-09-13 AMEND. 39-9217 DATED 6/14/95 (FUEL TANK INLET FLOAT VALVES INSPECT) DUE IN 10 HOURS.

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RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
			Corrective Action: 103 INFORMED AIRCRAFT OWNER, AND MANAGER THAT AD 95-09-13, AMENDMENT 39-9217, DATED 6/14/95 (FUEL TANK INLET FLOAT VALVES INSPECTION) IS COMING DUE IN 10 HOURS. THEY DUE NOT WISH TO COMPLY WITH THIS AD AT THIS TIME. Discrepancy: 104 BOTH LEFT AND RIGHT HEAT EXCHANGER BUTTERFLY VALVES DO NOT MOVE. Corrective Action: 104 REMOVED RIGHT AND LEFT HEAT EXCHANGER BUTTERFLY VALVES. INSTALLED NEW BUSHINGS S2323-1, AT CONTROL VALVE ARMS. RE-INSTALLED LEFT AND RIGHT HEAT EXCHANGER BUTTERFLY VALVES. OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 6-10. Discrepancy: 105 BOTH LEFT AND RIGHT BLEED AIR DUMP VALVE SEALS ARE BAD. Corrective Action: 105 REMOVED AND REPLACED THE RIGHT AND LEFT BLEED AIR DUMP VALVE SEALS WITH NEW SEALS PART NUMBER 2-0385613-60. OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 6-10. Discrepancy: 106 FOUND CORROSION UNDER THE LEFT WING AUXILIARY FUEL TANK AFTER IT WAS REMOVED FOR OTHER MAINTENANCE. Corrective Action: 106 REMOVED AUX FUEL TANK HOLD DOWN STRAPS BRACKETS. CLEANED ALL CORROSION FROM STRAP BRACKETS AND TOP OF WING SKIN. ETCHED, ALODINED AND PAINTED SKIN AND BRACKETS. RE-INSTALLED FUEL TANK HOLD DOWN STRAPS AND BRACKETS BACK ONTO AIRCRAFT. WORK PERFORMED I/A/W CESSNA 421 AMM 15-50 AND AMM 9-20.

Continued on next page. JB

Discrepancy: 107
FOUND AFT BULKHEAD OF LEFT ENGINE CANTED BEAM TO BE CRACKED.
Corrective Action: 107
REMOVED OLD AFT BULKHEAD OF LEFT CANTED BEAM. INSTALLED NEW AFT BULKHEAD, PART
NUMBER 505-4030-35, AND NEW MIDDLE SUPPORT CAP PART NUMBER 505-4030-34S OF LEFT SIDE
CANTED BEAM AS NEEDED, I/A/W CESSNA 421C AMM CHAPTER 15, AND AC43.13-1B.
Discrepancy: 108
LEFT ENGINE OIL FILTER MOUNT BRACKET CRACKED.
Corrective Action: 108
FABRICATED AND INSTALLED PATCHES TO THE LEFT ENGINE OIL FILTER MOUNT AS NEEDED. WORK
PERFORMED PER AC43.13,1B.
Discrepancy: 109
FOUND LEFT ENGINE OUTBOARD ENGINE BEAM TO BE CRACKED.
Corrective Action: 109
FABRICATED AND INSTALLED PATCHES TO LEFT ENGINE OUTBOARD ENGINE BEAM I/A/W DERT-
710242-SW. PERFORMED BY GEORGE B. SPARLING, DATED 8/8/11. PERFORMED ALL PARAGRAPHS
OF REPAIR SCHEME. INSPECTION REQUIREMENTS: AT A PERIOD TO NOT EXCEED EVERY 12
MONTHS. VISUALLY INSPECT THE REPAIR AREA TO INSURE THERE IS NO ADDITIONAL CRACKING.
FILLED OUT AND SUBMITTED FAA FORM 337. *
Discrepancy: 110
LEFT AND RIGHT NACELLE FUEL TANK FILLER NECK DRAIN LINE CORRODED, AND BROKEN IN HALF.
Corrective Action: 110
FABRICATED AND INSTALLED NEW AUXILIARY NACELLE FUEL TANK FILLER NECK DRAIN LINES FOR
LEFT AND RIGHT SIDES. PER AC43.13,1B.
Discrepancy: 111

Continued on next page. (18)

Continued on next page.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

LEFT NACELLE FUEL TANK RUBBER BLADDER NIPPLE BROKEN OFF, AND THE ALUMINUM CARRYING BOX IS SEVERELY CORRODED AND COMING APART.

Corrective Action: 111

REMOVED OLD RUBBER BLADDER AND BLADDER SUPPORT BOX FROM AIRPLANE. INSTALLED NEW RUBBER LEFT NACELLE FUEL BLADDER PART NUMBER 4941-3, SERIAL NUMBER 585, FROM FLOATS AND FUEL CELLS, INTO AN USED SERVICEABLE FUEL TANK BOX PART NUMBER 5156103-1.

INSPECTED LEFT NACELLE FUEL TANK BOX AND FOUND GOOD FOR SERVICE. INSTALLED COMPLETED ASSEMBLY INTO AIRCRAFT LEFT NACELLE. NO LEAKS NOTED AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 9-20.

Discrepancy: 112

BOTH LEFT AND RIGHT OUTBOARD ENGINE COWLING'S AFT SUPPORTS ARE CRACKED.

Corrective Action: 112

FABRICATED AND INSTALLED PATCHES AS NEEDED FOR THE LEFT AND RIGHT OUTBOARD ENGINE COWLING'S AFT SUPPORTS. PER AC43.13,1B.

Discrepancy: 113

BOTH LEFT AND RIGHT ENGINE THROTTLE CABLES HAVE COME APART AT FUEL SERVO.

Corrective Action: 113

REMOVED OLD LEFT AND RIGHT THROTTLE CABLES. INSTALLED NEW LEFT ENGINE THROTTLE CABLE PART NUMBER 9910272-29, AND RIGHT ENGINE THROTTLE CABLE PART NUMBER 9910272-28 INTO AIRPLANE. RE-SEALED FUSELAGE PASS THROUGH ON BOTH SIDES, AND RIGGED THROTTLES AS NEEDED. WORK PERFORMED I/A/W CESSNA 421C AMM 7-50.

Discrepancy: 114

LEFT AND RIGHT ENGINE POP OFF VALVE DRAIN LINES HAVE HOLES CHAFED INTO THEM.

Corrective Action: 114

REMOVED OLD DRAIN LINES. FABRICATED AND INSTALLED NEW LEFT AND RIGHT TURBO POP-OFF

Continued on next page. (58)

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

VALVE DRAIN LINES IN ENGINE NACELLES.

Discrepancy: 115

RIGHT ENGINE MANIFOLD PRESSURE LINE IS CHAFED INTO.

Corrective Action: 115

REMOVED OLD MANIFOLD PRESSURE LINE FROM RIGHT ENGINE. INSTALLED NEW MANIFOLD PRESSURE LINE PART NUMBER 5100109-58, FROM RIGHT ENGINE TO NACELLE FIRE WALL. MANIFOLD OPERATIONAL CHECK GOOD.

Discrepancy: 116

RIGHT ENGINE VACUUM HOSE IS BURNT, BECAUSE IT IS TOO SHORT CAUSING IT TO LAY ON THE EXHAUST Y-PIPE HEAT SHIELD.

Corrective Action: 116

REMOVED OLD VACUUM HOSE FROM RIGHT ENGINE. INSTALLED NEW 7' LENGTH OF PART NUMBER MIL-DTL-6000D-5/8 RUBBER HOSE WITH NEW FIRE SLEEVE PART NUMBER 05-01841.

Discrepancy: 117

LEFT ENGINE OUTBOARD SNIFFLE VALVE THREADS ARE STRIPPED.

Corrective Action: 117

REMOVED OLD LEFT ENGINE OUTBOARD FUEL DRAIN VALVE. INSTALLED NEW LEFT ENGINE OUTBOARD FUEL DRAIN VALVE INTO LOWER ENGINE NACELLE. NO LEAKS NOTED.

Discrepancy: 118

RIGHT M/L/G UP/DOWN HYDRAULIC CYLINDER REPAIR. FOLLOWING RIGHT M/L/G UP LANDING.

Corrective Action: 118

REMOVED THE RIGHT M/L/G HYDRAULIC CYLINDER PART NUMBER 9910136-2. INSTALLED OVERHAULED RIGHT M/L/G HYDRAULIC CYLINDER PART NUMBER 9910136.2, SERIAL NUMBER 3821, FROM AIR CAPITAL JET LLC, ON THEIR WORK ORDER NUMBER 3821, DATED 1/5/2011. INSTALLED NEW ORIFICE FITTING PART NUMBER 5727005-11 INTO THE CYLINDER. OPERATIONAL AND LEAK CHECK

Continued on next page.

JOB

Description

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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GOOD AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 4-31, 4-30.

Discrepancy: 119

AD 11-11-04 AMEND. 39-16703 DATED 6/17/11 (CONTAMINATED HALON 1211 IN THE HAND HELD FIRE EXTINGUISHER BOTTLE P/N=863520-00) DUE.

Corrective Action: 119

COMPLIED WITH AD 11-11-04 AMENDMENT 39-16703, DATED 6/17/11. (CONTAMINATED HALON 1211 IN THE HAND HELD FIRE EXTINGUISHER BOTTLE PART NUMBER 863520-00). AD DOES NOT APPLY, THAT FIRE EXTINGUISHER PART NUMBER NOT INSTALLED IN AIRCRAFT.

Discrepancy: 120

LEFT ENGINE FUEL PRESSURE CONTROLLER BRACKET CRACKED.

Corrective Action: 120

FABRICATED AND INSTALLED NEW LEFT ENGINE FUEL PRESSURE REGULATOR MOUNT BRACKET.

Discrepancy: 121

#2 & #3 CYLINDER EGT PROBES BAD ON LEFT ENGINE.

Corrective Action: 121

REMOVED OLD EGT PROBES FROM LEFT ENGINE. INSTALLED TWO NEW EGT PROBES PART NUMBER M-111-G, INTO CYLINDERS NUMBER 2 & 3, ON LEFT ENGINE. OPERATIONAL CHECK GOOD AT THIS TIME.

Discrepancy: 122

AIRCRAFT REQUIRES PAINT WORK.

Corrective Action: 122

RE-PAINTED THE BOTTOM OF BOTH ENGINE NACELLES, AND TOP COWLING'S AS NEEDED.

Discrepancy: 123

RIGHT AILERON CONTROL CABLE IS KINKED.

Corrective Action: 123

Continued on next page.

(JDR)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				REMOVED OLD CONTROL CABLE. INSTALLED NEW RIGHT AILERON CONTROL CABLE PART NUMBER 5000008-97. RIGGED, AND CHECKED TRAVELS. Discrepancy: 124 LANDING GEAR THREE GREEN LIGHTS NOT WORKING. Corrective Action: 124 TROUBLESHOT SYSTEM, AND FOUND CANNON PLUG GOING TO LIGHT DIMMER SWITCHES HAD BEEN PULLED LOOSE UPON CENTER CONSOLE REASSEMBLY. RECONNECTED DIMMER SWITCH CANNON PLUG AND SECURES AS NEEDED. LANDING GEAR GREEN LIGHTS OPERATIONAL CHECK GOOD AT THIS TIME. Discrepancy: 125 BOTH LEFT AND RIGHT PROP CONTROLS DUE NOT GO PAST THE FEATHER GATE. Corrective Action: 125 ADJUSTED BOTH LEFT AND RIGHT PROPELLER CONTROL CABLES IN ENGINE COMPARTMENT, TO ALLOW HANDLES IN CONSOLE TO GO PAST THE FEATHER GATES. OPERATIONAL CHECK GOOD. Discrepancy: 126 TAIL NAV LIGHT IS IN OP. Corrective Action: 126 REMOVED OLD LAMP. INSTALLED NEW LAMP PART NUMBER 50911-001 INTO THE TAIL NAV LIGHT ASSEMBLY. OPERATIONAL CHECK GOOD AT THIS TIME. Discrepancy: 127 BATTERY BOX SEAL CAME APART. Corrective Action: 127 REMOVED THE REMAINDER OF THE OLD BATTERY BOX SEAL. INSTALLED NEW BATTERY BOX SEAL PART NUMBER R581546 AS NEEDED TO THE BOX. Discrepancy: 128 Continued on next page. (JB)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

LEFTAILERON ACTUATOR ARM LOOSE IN AILERON.

Corrective Action: 128

REMOVED ACTUATOR ARM FROM LEFT AILERON. REMOVED OLD LOWER BEARING, AND BOLT.
INSTALLED NEW LOWER ARM BEARING PART NUMBER MS27641-4, AND BOLT PART NUMBER AN24-11.
RE-INSTALLED LEFT AILERON ACTUATOR ARM INTO AILERON. RE-INSTALLED LEFT AILERON. WORK
PERFORMED I/A/W CESSNA 421AMM 5-10.

Discrepancy: 129

MISSING ATTACH PINS IN PILOT'S SEAT FRAME.

Corrective Action: 129

INSTALLED NEW PINS IN THE PILOT'S SEAT FRAME FOR THE BACK REST RECLINING MECHANISM.

Discrepancy: 130

AIRCRAFT NEEDS WEIGHT AND BALANCE UPDATED BECAUSE OF MISSING INTERIOR PANELS AND
SEATS.

Corrective Action: 130

WEIGHED THE AIRCRAFT ON WHEELS PER THE POH, AND UPDATED THE AIRCRAFT WEIGHT AND
BALANCE REPORT TO SHOW THAT NO INTERIOR IS INSTALLED, AND ONLY ONE RADIO. SCALES USED
ARE ROAD RUNNER SCALES M/N=8500914-01 AND NEXT DUE CERTIFICATION 10/2012.

Discrepancy: 131

LEFT ENGINE ALTERNATOR OUT LIGHT IS NOT ON WHEN ENGINE NOT RUNNING.

Corrective Action: 131

REMOVED OLD LEFT ENGINE ALTERNATOR OUT LIGHT SENSOR PART NUMBER 9910094-4.
INSTALLED NEW LEFT ENGINE ALTERNATOR OUT LIGHT SENSOR PART NUMBER 9910094-4, SERIAL
NUMBER 80136726. OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/A/W CESSNA
421C AMM 13-22.

Discrepancy: 132

Continued on next page.

(JB)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				RIGHT ENGINE DRIVEN HYDRAULIC PUMP IS LEAKING AROUND DRIVE SHAFT. Corrective Action: 132 REMOVED OLD RIGHT ENGINE HYDRAULIC PUMP PART NUMBER 9910137-1, SERIAL NUMBER 11477. INSTALLED NEW RIGHT ENGINE HYDRAULIC PUMP PART NUMBER 9910137-1, SERIAL NUMBER 2627, FROM CESSNA AIRCRAFT COMPANY, ON THEIR WORK ORDER NUMBER 1143906, DATED NOV. 01, 2011. OPERATIONAL AND LEAK CHECK GOOD AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 11-02. Discrepancy: 133 RIGHT NACELLE TANK LEAKING. Corrective Action: 133 INFORMED PILOT THAT THE RIGHT NACELLE FUEL TANK LEAKS BEFORE TANK BECOMES FULL, THEY DO NOT WANT TO FIX AT THIS TIME. COVERED THE FILLER CAP WITH SPEED TAPE, AND PLACARDED TANK AS IN OF DO NOT USE. ALSO LISTED LEAKING FUEL TANK ON FERRY PERMIT. Discrepancy: 134 RIGHT WING FUEL TANK LEAKING FUEL OUT OF LOWER OUTBOARD CORNER. Corrective Action: 134 REMOVED OUTBOARD RIGHT WING FUEL TANK PANEL. RE-SEALED THE OUTBOARD WING RIB AND AFT CORNER AS NEEDED WITH SEALANT. RE-INSTALLED THE OUTBOARD FUEL TANK ACCESS PANEL. NO LEAKS NOTED AT THIS TIME. Discrepancy: 135 RIGHT ENGINE TACHOMETER INDICATES LOW AT IDLE TO MID RANGE POWER. Corrective Action: 135 REMOVED CANNON PLUG FROM RIGHT ENGINE TACHOMETER GENERATOR. FOUND LOOSE WIRE IN CANNON PLUG. RE-SOLDERED ALL THREE WIRES IN THE CANNON PLUG AS NEEDED, AND RE-INSTALLED CANNON PLUG TO GENERATOR. OPERATIONAL CHECK GOOD AT THIS
				Continued on next page. (JB)

CESSNA AIRCRAFT
 421C OPERATIONAL AND
 AMM 11-02
 Discrepancy: 133
 RIGHT NACELLE TANK
 Corrective Action: 133
 INFORMED PILOT THAT
 DO NOT WANT TO FIX
 TANK AS IN OF DO NOT
 Discrepancy: 134
 RIGHT WING FUEL TANK
 Corrective Action: 134
 REMOVED OUTBOARD
 AFT CORNER AS NEEDED
 PANEL. NO LEAKS NOTED
 Discrepancy: 135
 RIGHT ENGINE TACHOMETER
 Corrective Action: 135
 REMOVED CANNON PLUG
 FOUND LOOSE WIRE IN
 RE-SOLDERED ALL THREE
 NEEDED, AND RE-INSTALLED

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 7-80. Discrepancy: 136 LEFT HYDRAULIC FLOW ANNUNCIATOR DOES NOT EXTINGUISH WHEN ENGINE IS RUNNING. Corrective Action: 136 REMOVED THE LEFT HYDRAULIC FLOW SWITCH. CLEANED AND PRESSURE TESTED SWITCH, OPERATIONAL CHECK GOOD. RE-INSTALLED SWITCH BACK INTO WING LEAK, AND OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 11-10. Discrepancy: 137 PILOT'S SEAT, LEFT SIDE PIVOT ARM BROKE. Corrective Action: 137 REMOVED THE BROKEN LEFT SIDE PIVOT ARM FROM THE PILOT'S SEAT. REMOVED THE SAME PART NUMBER 0812735-3 LEFT SIDE PIVOT ARM FROM CO-PILOT'S SEAT, AND INSTALLED ONTO PILOT'S SEAT. INSTALLED BROKEN PIVOT ARM ONTO CO-PILOT'S SEAT. INFORMED OWNER/PILOT, THEY DON'T WANT TO FIX AT THIS TIME. PLACED BROKEN PIVOT ARM ON FERRY PERMIT. Discrepancy: 138 LEFT WASTE-GATE STICKS CLOSED. LEFT ENGINE OVER BOOSTS WHEN THROTTLE ADVANCED. Corrective Action: 138 REMOVED THE LEFT ENGINE WASTE GATE PART NUMBER C165006-0113, SERIAL NUMBER VKL0102. INSTALLED OVERHAULED LEFT TURBO WASTE GATE PART NUMBER 481064-9001, SERIAL NUMBER MIO00177, FROM KELLY AEROSPACE ENERGY SYSTEMS, ON THEIR WORK ORDER NUMBER M238160, DATED SEP. 25, 2009. OPERATIONAL CHECK GOOD, NO LEAKS NOTED AT THIS TIME. WORK PERFORMED I/A/W CESSNA 421C AMM 7-42. Discrepancy: 139 THE AFT PRESSURE BULK HEAD ACCESS PANEL HAS MISSING ATTACH BRACKET ON BOTTOM SIDE. Corrective Action: 139 Continued on next page. (JOB)

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Date: 11/14/11				TRI- State Aero Inc has completed an annual inspection on aircraft Cessna 421C, Serial number, 421C 0165, N 711TX and found the following unairworthy items. 1. Co-pilot's seat left pivot arm broken 2. Right nacelle aux. fuel tank leaks 3. Interior is not installed. Only crew seats 4. Number 1 communications radio is not installed
Hm: 4948.1				
ACT 5980.1				
				Special Flight permit issued for operational flight checks, required to be completed before departing from EVV. Operational checks completed and found to be satisfactory by:
				One Time Special Flight permit issued for N711TX from EVV to CHA. This aircraft has been inspected and has been found safe for the intended flight. CHA Special Flight permit dated 11/17/11. <u>W. H. M. K.</u> ATR 102C

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Date: 12/1/11		TBI - Steve Acro Inc.		has completed an annual inspection on
HM: 4948.1		aircraft Cessna 421C,		Serial number: 421C0165, N711TX and
ACT 5980.1		found the following unairworthy items:		
		1. Co-Pilot's seat left pivot arm broken		
		2. Right nacelle aux fuel tank leaks		
		3. Interior is not installed Only crew seats.		
		4. Number 1 communications radio is not installed		
		Special flight permit issued for operational flight checks.		
		required to be completed before departing from EVV		
		Operational checks completed and found to be satisfactory.		
		One time special flight permit issued for N711TX. From		
		EVV to CHA. This aircraft has been inspected and has		
		been found safe for the intended flight. IAW Special		
		flight permit dated 11/2/11		WJA Int'l ATTOR 102C
		Flight check Failed		(JB)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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1/5/12		TRT-state Aero Inc. has completed an annual inspection on		Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Hm: 4948.5		Aircraft Cessna 421C. Serial number: 421C0165, N711TX and		
ACT: 5980.5		Found the following unairworthy items:		
		1. Co-Pilot's Seat left pivot arm broken.		
		2. Right nacelle aux fuel tank leaks.		
		3. Interior is not installed only crew seats		
		4. Number 1 communications radio is not installed		
		Special Flight permit issued for operation at Flight		
		checks required to be completed before departing from FVV		
		operational checks. Completed and Found to be Satisfactory		
		by: <u>W. Wood</u>		
		One time special Flight permit issued for N711TX		
		from FVV to CHA. This aircraft has been inspected		
		and has been found safe for the intended flight I/A/w		
		Special Flight permit dated 1/5/12 <u>W. Wood</u>		
		AHTR 102C		

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Star Avionics, Inc.
 108 Nowlin Lane, Hangar 21
 Chattanooga, TN 37421
 CRS # TA4RS37M (423) 499-1100

Date: July 3, 2012

N711TX

S/N: 421C0165

Hobbs: 4985.6

A) Removed the following equipment:

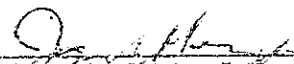
- Avidyne EX500 MFD P/N 700-00007-004 S/N 20071145 from P.S. 112.50 in the center instrument panel.
- Comant VHF Datalink Antenna (P/N CI 211-1 S/N 4056620 from P.S. 203.75 on top of aircraft.

B) Installed the following equipment:

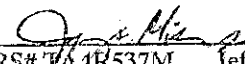
- Avidyne EX 600 MFD P/N 700-00167-104 S/N 92188085 at P.S. 112.50 in the center instrument panel.

C) All work was accomplished in accordance with STC SA00290BQ and the Avidyne EX500/EX600 Multi-Function Display Installation Manual (600-00175-000) Rev. 00 dated March 10, 2011. The Avidyne EX600 is connected to the Avidyne TAS 615 TCAS system, Avidyne MLB 700 MultiLink Broadcast system, Bendix/King RDR-130 Radar system, and the #1 and #2 Garmin GNS 430W GPS-NAV/COM systems.

D) FAA approved Airplane Flight Manual Supplement (600-00246-000) Rev. 00 dated January 12, 2010 and ICA Rev 10 dated October 20, 2009 for the Avidyne EX600 MFD was provided. The Avidyne EX600 was operationally tested and was found to be compatible with the above listed Installation Manual, ICA, and AFMS. A new empty aircraft weight and balance was calculated. The new C.G. falls within the limits as specified in the flight manual. The new electrical load does not exceed 80% of the aircraft capability. It is the responsibility of the pilot to ensure correct weight and balance before each flight. Details are on file at Star Avionics, Inc. under W.O. # 32023.

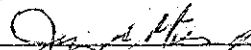

 CRS# TA4RS37M Jeffrey K. Miller

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Star Avionics, Inc. 108 Nowlin Lane, Hangar 21 Chattanooga, TN 37421 CRS # TA4R537M (423) 499-1100			
Date: July 3, 2012	N711TX	S/N: 421C0165	Hobbs: 4985.6
A) Installed the following equipment: -Avidyne TCAS L-Ban Top Antenna P/N S72-1750-31L S/N 9861 at F.S. 149.50 on top of aircraft. -Avidyne TCAS L-Ban Bottom Antenna P/N S72-1750-32L S/N 9927 at F.S. 171.35 on bottom of aircraft. B) All work was accomplished in accordance with DER drawing # N711TX-060612-1 and N711TX-00612-2; referencing Avidyne STC SA02013CH; Avidyne Traffic Advisory System Installation Manual (32-2351) Rev. 04, Oct. 2005; and AC 43.13-2B Chapter 3 (Antenna Installations) Paragraph 301 (Hazards and Warnings), 302 (Additional References), 303 (Structural Support), 304 (Physical Interference), 306 (Antenna Location), 307 (Antenna Bonding), 308 (Electromagnetic Interference), 309 (Mechanical Installation), 310 (Ground Plane Requirement [Wood and Composite]), and 311 (Antenna Feed Line Balun). The two Avidyne TCAS L-Ban Antennas were installed due to the installation of an Avidyne TAS615 TCAS System, see FAA Form 337 dated 7/3/2012. C) The Avidyne TAS 615 was operationally tested and was found to be compatible with the above listed DER Drawings, Installation Manual, STC, and AC43.13-2B. A new empty aircraft weight and balance was calculated. The new C.G. falls within the limits as specified in the flight manual. The new electrical load does not exceed 80% of the aircraft capability. It is the responsibility of the pilot to ensure correct weight and balance before each flight. Details are on file at Star Avionics, Inc. under W.O. # 32023.			
 CRS# TA4R537M Jeffrey K. Miller			

10-10-68

1944-1945

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Star Avionics, Inc. 108 Nowlin Lane, Hangar 21 Chattanooga, TN 37421 CRS # TA4R537M (423) 499-1100 Date: July 3, 2012 N711TX S/N: 421C0165 Hobbs: 4985.6 A) Installed the following equipment: -Avidyne 9900BX TAS Processor P/N 70-2420-[8TAS615] S/N M122169782 at F.S. 23.00 in nose of aircraft. -Avidyne XPDR Coupler #1 P/N 70-2040 S/N M122069532 at F.S. 103.50 behind the center instrument panel. -Avidyne XPDR Coupler #2 P/N 70-2040 S/N M122069169 at F.S. 103.50 behind the center instrument panel. B) All work was accomplished in accordance with STC SA02013CH and the Avidyne Traffic Advisory System Installation Manual (32-2351) Rev. 04, Oct. 2005. The Avidyne TAS 615 is connected to the Avidyne EX600 MFD, the Garmin GMA 340 Audio Panel, and the Pilot's Encoding Barometric Altimeter for altitude information. All test were conducted in accordance with Avidyne Traffic Advisory System Post Installation Performance Testing Procedures. System met accuracy requirements per Instructions for Continued Airworthiness for STC SA02013CH. C) FAA approved Airplane Flight Manual Supplement (600-00281-000) Rev. 00 dated May 02, 2011 and ICA dated March 11, 2011 for the Avidyne TAS 615 was provided. The Avidyne TAS 615 was operationally tested and was found to be compatible with the above listed Installation Manual, ICA, and AFMS. A new empty aircraft weight and balance was calculated. The new C.G. falls within the limits as specified in the flight manual. The new electrical load does not exceed 80% of the aircraft capability. It is the responsibility of the pilot to ensure correct weight and balance before each flight. Details are on file at Star Avionics, Inc. under W.O. # 32023.  CRS# TA4R537M Jeffrey K. Miller

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
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Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

Star Avionics, Inc.

108 Nowlin Lane, Hangar 21

Chattanooga, TN 37421

CRS # TA4R537M (423) 499-1100

N711TX

S/N: 421C0165

Hobbs: 4985.6

Date: July 3, 2012

A) Removed the following equipment:

- Garmin GNS 430 P/N 011-00280-10 S/N 97126600 from F.S. 113.00 in the center instrument panel.
- Garmin GNS 430 P/N 011-00280-10 S/N 97126625 from F.S. 113.40 in the center instrument panel.
- Garmin GA 56 Antenna P/N 011-00134-00 S/N 59405664 from F.S. 113.00 on top of aircraft.
- Garmin GA 56 Antenna P/N 011-00134-00 S/N 59405674 from F.S. 113.00 on top of aircraft.

B) Installed the following equipment:

- Garmin GNS 430W P/N 011-01060-40 S/N 97104435 in F.S. 121.00 in the center instrument panel.
- Garmin GNS 430W P/N 011-01060-40 S/N 97105808 in F.S. 122.40 in the center instrument panel.
- Garmin GA 35 Antenna P/N 013-00235-00 S/N 62020 from F.S. 113.00 on top of aircraft.
- Garmin GA 35 Antenna P/N 013-00235-00 S/N 78517 from F.S. 113.00 on top of aircraft.

C) All work was accomplished IAW Garmin STC SA01933LA-D, Garmin 400W/500W Series STC Upgrade Installation Manual P/N 190-00357-06 Rev. D, March 2008. The Garmin Dual GNS 430W is connected to the Pilot's HSI, ARC 800B IFCS, Avidyne EX600 MFD, Garmin GMA 340, and to the Dual Garmin GTX 327 Transponders for altitude information. The #1 and #2 WAAS Antennas were installed in existing holes and doublers.

D) FAA approved Airplane Flight Manual Supplement for Garmin GNS 430W dated July 31, 2009 and Garmin 400W/ICA Rev. B dated July 30, 2009 were provided and must be maintained in the aircraft at all times. The Garmin Dual GNS 430W system was operationally tested and was found to be compatible with the above listed Flight Manual Supplement and ICA. A new empty aircraft weight and balance was calculated. The new C.G. falls within the limits as specified in the flight manual. It is the responsibility of the pilot to ensure correct weight and balance before each flight.

Details are on file at Star Avionics, Inc. under W.O. # 32023.

CRS# TA4R537M

Jeffrey K. Miller

YEAR
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DATE

RE
TA
TIN

Star Avionics, Inc.

108 Nowlin Lane, Hangar 21

Chattanooga, TN 37421

CRS # TA4R537M (423) 499-1100

Date: July 5, 2012

N711TX

S/N: 421C0165

Hobbs: 4985.6

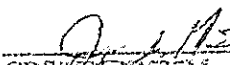
A) Installed the following equipment:

- Avidyne MLB700 MultiLink Broadcast Receiver P/N 700-00159-001 S/N M121465829 at F.S. 39.50 in nose of aircraft.
- Avidyne MLB700 Satellite Antenna P/N 200-00176-000 S/N M139489 at F.S. 203.75 on top of aircraft.
- Avidyne MLB700 Remote Control Antenna P/N 200-00175-000 S/N M125209 at F.S. 170.00 under cabin headliner.
- King KA-39 Voltage Converter P/N 071-1041 S/N 24131 at F.S. 137.00 under Copilot's seat.

B) All work was accomplished referencing STC SA00258BO; the Avidyne MLB700 Broadcast Datalink Receiver Installation Manual (600-00174-000) Rev. 04, May 13, 2008; and in accordance with the FAR AC 43.13-2B Chapter 1 (Structural Data) paragraphs 101 (Structural Design Process), 103 (Static Loads), 104 (Structural Sizing and Analysis), 105 (Static Tests), 106 (Materials and Workmanship), 107 (Material Strength Properties and Design Values), 108 (Fasteners), 109 (Protection of Structure), 110 (Accessibility), 111 (Effects on Weight and Balance), 112 (Effects on Safe Operation) pages 1 thru 8; Chapter 2 (Communication, Navigation, and Emergency Locator Transmitter System Installations) paragraphs 201 (Hazards and Warnings), 202 (Considerations when installing Avionics Equipment), 204 (Other Mounting Areas), 205 (Fabrication of Supporting Brackets for Attachment to Structure Other Than Flooring), 206 (Reinforcement of supporting Structure), 207 (Electrical Requirements), 208 (Electrical Load Analysis), 209 (Electromagnetic Compatibility), and 210 (Functional Hazard Assessment), Pages 9 thru 22; and Chapter 3 (Antenna Installation) paragraphs 301 (Hazards and Warnings), 303 (Structural Support), 304 (Physical Interference), 306 (Antenna Location), 307 (Antenna Bonding), 308 (Electromagnetic Interference), 309 (Mechanical Installation), and 311 (Antenna Feed Line Balun) pages 23 thru 28. The Avidyne MLB700 is connected to the Avidyne EX 600 MFD, the Garmin GMA 340 Audio Panel, and the aircraft avionics buss through a Klaxon 2 amp circuit breaker (P/N 7277-2-2). The circuit breaker was placarded "XM". The King KA-39 is connected to the power outlets located on the tables in the cabin and the aircraft avionics buss through a Klaxon 5 amp circuit breaker (P/N 7277-2-5). The circuit breaker was placarded "PWR Converter".

C) FAA approved ICA (AVSSG-008) Rev. 04 dated September 27, 2007 for the Avidyne MLB700 was provided. The Avidyne MLB700 was operationally tested and was found to be compatible with the above listed Installation Manual, ICA, and AC43.13-2B. A new empty aircraft weight and balance was calculated. The new C.G. falls within the limits as specified in the flight manual. The new electrical load does not exceed 80% of the aircraft capability. It is the responsibility of the pilot to ensure correct weight and balance before each flight.

Details are on file at Star Avionics, Inc. under W.O. # 32023.


CRS # TA4R537M Jeffrey K. Miller

YEAR
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STAR AVIATION SERVICES
LOVELL FIELD
CHATTANOOGA, TN 37421
423-499-1100

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ber of
tries.)

N711TX CESSNA 421C S/N 421C0165 HM: 4985.6 7-5-2012

REMOVED ALL INTERIOR FURNISHINGS FOR REFURBISHMENT. INTERIOR FURNISHING REFURBISHED BY M & M UPHOLSTERY. SEE ATTACHED BURN CERTS. REINSTALLED FURNISHINGS AFTER REFURBISHMENT. REMOVED AND REPLACED THE PILOTS SEAT PEDISTAL BASE P/N 5015079-16Z WITH A USED SERVICEABLE UNIT. REPLACED THE PILOTS SEAT, LH/OUTBOARD PIVOT ARM, P/N 0812735-350Z WITH A USED SERVICEABLE ARM. REPLACED THE PILOT & CO-PILOTS SIDE WINDOW TRIM PANELS P/N 5119101-13 LH & 5119101-14 RH, TRIMMED, FITTED, PAINTED & INSTALLED. REPLACED, BOTH LEFT AND RIGHT, WING LOCKER DOOR SEALS, P/N R581535 AND INTERIOR CARPETING. RESEALED, THE LOWER CABIN DOOR SNUBBER. ALL SEAT BELTS REWEBBED BY AVIATION SAFETY PRODUCTS, FAA CRS#XWJR831X. SEE ATTACHED 8130-3'S. DETAILS OF THESE REPAIRS ARE ON FILE AT THIS FACILITY UNDER W/O M5450. END-----

RANDALL MOATS A&P 3336808IA

Randall Moats
FOR: STAR AVIATION SERVICES

09/28/2012 N711TX C421C SN:412C0165
Hobbs: 5035.7 AFIT: 6031.7

1. Replaced Lamar Voltage Regulators with Plane Power PN R1224B, Left SN B-120517, Right SN B-115132. Removed over voltage relays as per Plane Power instructions. Set Voltages and tested system operation OK. Replaced starter vibrator with new 10-357487-242. Tested starting system OK.

All work accomplished IAW AC43.13-1B/2A, Cessna 421C maintenance manual, and all applicable FAR's. I certify this aircraft is approved for return to service in respect to work performed.

William Wood William Wood A&P IA 2769598

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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2/12/13 N711TX Cessna 421C S/N: 421C0165
TCM GTSIO-520-L

Hobbs: 5071.6 AFTT: 6067.6

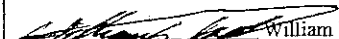
Prairie Star Aviation

618.262.6464

Mt. Carmel Airport (AJG)
10188 Mt. Carmel Airport Ln.
St. Francisville, IL 62460

1. Adjusted micro switch on Rt landing light to extend/retract properly.
2. Replaced Lt wing deice inspection light bulb P/N: GE1385
3. Replaced seal on Lt wing lower inboard fuel panel P/N:1556-2
4. Removed Rt wing aux fuel locker tank bladder and sent to FFC for repairs. Reinstalled repaired fuel bladder P/N:9941-4 with New inlet o-ring P/N: MS29513-250
5. Replaced ELT battery with Narco P/N: BP1010 battery. Next due: Feb 2015.
6. Replaced Instrument air filter P/N: AM103535IA. Next due: Feb 2013.
7. Replaced (16) brake linings with APS P/N: 66-066, brakes adjusted and services with 5606 fluid.
8. Replaced both Rt and Lt induction air filters Brackett P/N: BA-108.
9. Replaced Lt induction air scoop duct Ram P/N: 1151-1
10. Serviced all lubrication points according to Cessna MM lubrication chart.
11. Landing gear serviced with 5606 fluid and dry nitrogen to manufacturer specs.
12. Oxygen bottle removed and sent to Ameron Global Product Support RU2R148L for hydrostatic testing. Bottle re-installed and needs serviced with oxygen. Next hydro due: 12-2017
12. AD 95-09-13 due, all other AD's current through rev 2013-02.

All work accomplished IAW AC43.13-1B/2B, Cessna 421C maint. manual, GTSIO-520 overhaul manual and all applicable FARs. I certify this airframe has been inspected IAW annual inspection and a list of discrepancies and unairworthy items dated 2/12/13 has been provided to the owner.

 William Wood A&P IA. 2769598

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Prairie Star Aviation

618.262.6464

Mt. Carmel Airport (AJG)
10188 Mt. Carmel Airport Ln.
St. Francisville, IL 62460

2/12/13 N711TX Cessna 421C S/N: 421C0165
TCM GTSIO-520-L

Hobbs: 5071.6 AFTT: 6067.6

1. This aircraft has been inspected and found safe for the intended flight in accordance with special flight permit dated February 12, 2013

All work accomplished IAW AC43.13-1B/2B, Cessna 421C maint. manual, GTSIO-520 overhaul manual and all applicable FARs.
William Wood A&P IA. 2769598

02/15/13 HOBBS: 5072.3 AFTT: 6068.3 N711TX 421C S/N 421C0165 W.O. P25792W
COMPLIED WITH AD 95-09-13 FUEL INLET FLOAT VALVE FUNCTIONAL CHECK BY TESTING THE FLOAT VALVES IN ACCORDANCE WITH MEB93-10 R1 INSTALLATION TEST, NO DEFECTS NOTED. RE-INSPECTION DUE IN 600 HRS.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED *[Signature]* FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N**

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Prairie Star

Aviation

5/7/13 N711TX Cessna 421C S/N: 421C0165

618.262.6464

Mt. Carmel Airport (AJG)
10188 Mt. Carmel Airport

Ln.
Hobbs: 5096.4 AFTT: 6092.4

St. Francisville, IL 62460

1. Removed and replaced emergency oxygen bottle instrument line. Cessna P/N: C166011-0106

All work accomplished IAW AC43.13-1B/2B, Cessna 421C maint. manual, and all applicable FARs.

William Wood William Wood A&P IA. 2769598