

MAJOR ALTERATIONS

| DATE | DESCRIPTION OF ALTERATION |
|-------------|--|
| 8-20-87 | TACH READS 2807 - INSTALLED PETERSON AVIATION STC SA 1948CE FOR AUTO FUEL Maf 12 Plm Dr P 507263671 |
| Jan 6, 1989 | Tach 2819.78 Clean lubricate pulleys controls & cables Install button battery, cable replace several machine screws in Cowl Yr AD 87-23-03R. by Insp and 96-07-12 by Test. Maf 12 Plm Dr P 507263671 |
| | <p>I certify this <u>Airframe</u> has been inspected in accordance with FAR 43 Appendix "D" in accordance with a <u>Annual</u> inspection and as of this date, return it to service. DATE <u>Jan 6, 1989</u> TACH <u>2819.78</u> Signature <u>Maf 12 Plm Dr P</u> # <u>507263671</u></p> |

AIF LOGS Vol III

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

| NAME OF PART | PART NUMBER | SERIAL NUMBER | INSTALLATION DATE/HOURS | TIME ON PART AT INSTALL. | LIFE LIMIT OR T.B.O. | REMOVAL DATE/HOURS | AGENCY CERT. NO. |
|--|-------------|---------------|-------------------------|--------------------------|----------------------|--------------------|------------------|
| SEP Sept 29, 1991 | Tach | 282303 | | | | | |
| Clean lube & Check Pulleys | | | | | | | |
| Controls and Cables Free up brake pins Do DM | | | | | | | |
| new ELI Battery due Febr 1992 | | | | | | | |
| C/w Ad 87-20-03 by Inspection - M. J. [Signature] | | | | | | | |
| Remove Don't Ruds & install M-1512 see 292 This date | | | | | | | |
| 507262671 | | | | | | | |
| I certify this [Part] has been inspected in accordance with FAR 43 Appendix "D" in accordance with a [Manual] inspection and as of this date, return to service. DATE: Sept 20, 1991 T. 282303 | | | | | | | |
| TACH. 282303 Signature: M. J. [Signature] IA | | | | | | | |
| # 507262671 | | | | | | | |
| Installed FLAP GAP SEAL | | | | | | | |
| as per STCSA-3105-WL | | | | | | | |
| THERMAL AIRCRAFT COMPANY | | | | | | | |
| Date: 11-16-91 | | | | | | | |
| 6 [Signature] Chief Inspector | | | | | | | |
| A.P. 1669521 IA | | | | | | | |

Frank Setzler

RADIO & ELECTRONIC CHECKS

| DATE | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF CHECK | ERROR OR RESULTS | NEXT CHECK DUE | CHECKED BY: SIGNATURE — CERT. NO. |
|------|------------|-------------------|---------------|------------------|----------------|-----------------------------------|
|------|------------|-------------------|---------------|------------------|----------------|-----------------------------------|

CHANDLER AVIATION INC.
 Chandler Municipal
 Chandler, AZ
 (602) 732-9118

REG. NO. N-5384R
 MODEL 172F
 S/N 17252919
 ENG. MOD. XXXX
 ENG. S/N XXXXX

DATE June 21, 1993
 W.O.# 4524
 HOBBS XXXX
 TACH 2862
 TOTAL XXXX

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.

DATE 6-21-93 SIGNATURE *Arthur L. Pfeifer* AUTHORIZED NO. 513382574A&P

Installed new lower rear nose strut bracket. Installed new rear lower belly skin. Removed horizontal stabilizer & replaced with serviceable unit. Removed L/H wing & replaced with serviceable wing. Repaired R/H rear door post I/C/W factory approval drawing & letter, for reference see FAA Form 337 dated June 21, 1993.

END

RADIO & ELECTRONIC CHECKS

| ED BY: — CERT. NO. | DATE | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF CHECK | ERROR OR RESULTS | NEXT CHECK DUE | CHECKED BY: SIGNATURE — CERT. NO. |
|-----------------------|------|------------|-------------------|---------------|------------------|----------------|--------------------------------------|
| | | | | | | | |

CHANDLER AVIATION INC.

REG. NO. N-5384R
 MODEL 172F
 S/N 17252919
 ENG. MOD. XXXXX
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Chandler Municipal
 Chandler, AZ
 (602) 732-9118

DATE June 21, 1993
 W.O.# 4524
 HOBBS XXXX
 TACH 2862
 TOTAL XXXX

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.

DATE 6-21-93 SIGNATURE *[Signature]* AUTHORIZED NO. 2307335IA

Service tires, service battery, Clean and grease all wheel bearings. Install new pitot tube. Install new front windshield. Remove compass for overhaul, see yellow tag dated 6-17-93. Removed unapproved right hand aileron trim tab. I certify that this airframe has been inspected in accordance an annual inspection and was determined to be in airworthy condition. For a complete A.D. listing see airworthiness directive report.

END

MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|---|---|
|--------------------|--------------------------|---|---|

CHANDLER AVIATION INC.

| | | |
|--------------------------|--------------------|---------------------------|
| REG. NO. <u>N-5384R</u> | Chandler Municipal | DATE <u>July 13, 1993</u> |
| MODEL <u>C 172F</u> | Chandler, AZ | W.O.# <u>4670</u> |
| S/N <u>XXXXXXX</u> | (602) 732-9118 | HOBBS <u>XXXXXX</u> |
| ENG. MOD. <u>0-300-D</u> | | TACH <u>2864</u> |
| ENG. S/N <u>XXXXXX</u> | | TOTAL <u>XXXXXXX</u> |

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.

DATE 7-13-93 SIGNATURE *Mad. Deke* AUTHORIZED NO. 572495816A&P

Install new tachometer with required power range and red line markings.
Tach set to 2864.5 hrs. OP test O.K.

| | | |
|---------------------------|------------------------|-------------------------------|
| REG. NO. <u>N-5384R</u> | CHANDLER AVIATION INC. | DATE <u>February 17, 1994</u> |
| MODEL <u>C-172</u> | Chandler Municipal | W.O.# <u>5125</u> |
| S/N <u>XXXXXXXX</u> | Chandler, AZ | HOBBS <u>XXXXXXX</u> |
| ENG. MOD. <u>XXXXXXXX</u> | (602) 732-9118 | TACH <u>2876</u> |
| ENG. S/N <u>XXXXXX</u> | | TOTAL <u>XXXXXXXX</u> |

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.

DATE 2-17-94 SIGNATURE *[Signature]* AUTHORIZED NO. 2307335A&P

Install new instrument panel dimming rheostat in accordance with Cessna SEB92-33R1.

REG. NO. N 5384R CHANDLER AVIATION INC. DATE 7-1-94
 MODEL 172F Chandler Municipal W.O.# 5395
 S/N 17252919 Chandler, AZ HOBBS XXXX
 ENG. MOD. XXXX (602) 732-9118 TACH 2886
 ENG. S/N XXXX TOTAL 2886

SERVICE

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.

DATE 7-1-94 SIGNATURE [Signature] AUTHORIZED NO. 572495816 AP
 Replaced Rear window with new. Replaced strut cuffs on
 1t wing strut with new. C/W AD 87-20-03 R1. See + rods
 C/W AD 76-07-12 Bendix Mags

---END---

REG. NO. N 5384R CHANDLER AVIATION INC. DATE 7-1-94
 MODEL 172F Chandler Municipal W.O.# 5386
 S/N 17252919 Chandler, AZ HOBBS XXXX
 ENG. MOD. XXXX (602) 732-9118 TACH 2866
 ENG. S/N XXXX TOTAL 2886

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.

DATE 7-1-94 SIGNATURE [Signature] AUTHORIZED NO. 2307335 IA
 Lubed all pulleys, bellcranks and rod ends. Inspected
 wing attach points. Ground run satisfactory. I certify
 that this airframe has been inspected in accordance with
 a Annual inspection and was determined to be in airworthy
 condition.

---END---

MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|---|---|
| 7-13-95 | T20, 2901.9 | 91.44 ^{4.413} Due 6-11-95 making APU illegal for flight in controlled Air space. EIT Due July 97 AD 92-20-03 R3 seat Ribs check AD 76-07-12 mag Sabender ok | |
| | | <p>THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH SECTION AND WAS DETERMINED TO BE IN AIRWORTHINESS CONDITION.</p> <p style="text-align: right;">Wendell Schufert OPTI AIR 38416</p> | |
| 8-27-97 | 2921.9 To To | 91.44 Due now EIT Due July 97 AD 92-20-03 R3 seat Ribs check AD 76-07-12 mag Sabender ok | |
| | | <p>THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH SECTION AND WAS DETERMINED TO BE IN AIRWORTHINESS CONDITION.</p> <p style="text-align: right;">Wendell Schufert OPTI AIR 38416</p> | |
| 16 | 2925.5 | New Air Filter ordered & installed AD 72-03-03 Fly jids screw inspected & approved with to be in an airworthy condition. | |

MAINTENANCE RECORD

F.A.R. 43.9

NO. TO SERVICE

97

7

6

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|---|---|
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10-25-95 CESSNA 172 N5384R
TACH 2906 2 HRS

RESEALED NOSE STRUT, FILLED
WITH 5606 OIL PER MAINTAINCE
MANUAL.

Gary W. Edman

A&P 560785343 IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

| E NO. TO SERVICE | DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|---------------------|--------------------------------|-----------------------------|---|
| | 7-28-98 | 2931.9 | Installed New anti collision light top stabilized vertical. Installed New ELT battery due sept. 00 |
| | Aircraft | Condition Form | 91411 & 91412 due 7-12-00 |
| | Form 8620-1 | AD 82-20-03 R3 | seat Roike visual check ok |
| | Complied this | AD 26-07-12 | Massw Bendix ok ok. |
| | date Item | Westach comba inst. | installed by persons |
| | #3 pilots seat Map | holder ok order. | unknown see form 337 this date. |
| | holder ok order. | pointa model 300 | outside antenna installed |
| | by persons unknown | see form 337 | |
| | Bracket deg. | AD 95-03-02 | Bracket Air Filter installed by persons |
| | Bracket 9-25-00 | unknown | see form 337 this date |
| | FAR 91.207 (a) (d) transponder | Antenna check | Marco Transponder & encoder installed by persons unknown see form 337 this date. |

I Certify this A/C has been
inspected in accordance with
annual inspection & was determined
to be in an airworthiness condition.

Wendell E. Schuber
A & P I 1438416

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE

AIRCRAFT TIME IN SERVICE

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

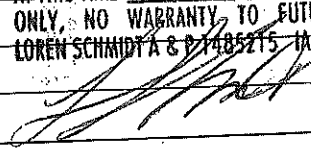
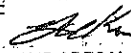
| DATE | AIRCRAFT TIME IN SERVICE | SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|---------|--------------------------|---|
| 12-6-99 | TTL 2989.0 | |
| | | AD 82-20-03R3 seat Rails chg. visual obj. |
| | | AD 76-07-12 Meqsw chg obj. |
| | | E/T Due 00 |

I Certify this ALL has been inspected in accordance with AD 82-20-03R3 inspection & was determined to be in an airworthiness condition.

W. A. H. [Signature]
A. J. T. 51433416

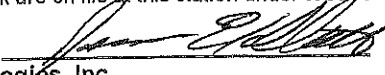
INSPECTION RECORD

F.A.R. 43.11 - 91.217

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|--|--------------------------|---|
| 12-16-08 | TACH | 3015.0 check cables & Pulleys Repair flap mechanism CW 911207 |
| | 3015.0 | Replaced ECTBATT for AD completion See sheet check hooks 100h insp |
| <p>I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED I/A/W/A <u>Adm</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME <u>1230</u> AND DATE <u>12-16-08</u> ONLY. NO WARRANTY TO FUTURE CONDITION. LOREN SCHMIDT A & P 1485215 - IA</p>  | | |
| <p>7/11/2001 CESSNA 172 N5394R TRANSPONDER TESTED PER F.A.R. 91.413 OK PER PART 43/F  AIRBORNE ELECTRONICS C.R.S. #ND3R706L</p> | | |

INSPECTION RECORD

F.A.R. 43.11 - 91.217

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|-----------------------------|--|
| | | <p>N5384R, S/N 172-52919. Removed failed horizon and directional gyro. Installed overhauled horizon (s/n 9505) and overhauled directional gyro (s/n 29985c). Both systems ground checked good.</p> <p style="text-align: center;">MAINTENANCE RELEASE</p> <p>The aircraft and/or component(s) identified above were repaired and inspected in accordance with current FAA regulations and have been found airworthy and approved for return to service for the work performed. Pertinent details of this work are on file at this station under WORK ORDER # <u>124905</u>.</p> <p>DATE <u>10 September 2001</u> SIGNED </p> <p style="text-align: center;">Avionics Technologies, Inc. 282 AIRPORT ROAD SUITE 201 ANDERSON, IN 46017 CRS# V8AR389N</p> |
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| 22 | | |

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

| DATE | AIRCRAFT TIME IN SERVICE | SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|---------|--------------------------|---|
| 1-12-02 | 3138.3 | old Tach time, Tach reads 000.0 hr. |

Install new Mitchell Tach. old Tach read 3138.3 hrs. lube all control hinges + pullys. Install 2 new flexible brake lines at calipers. new springs in caliper new inboard wheel hub on left side, also replace axle with service unit on left side, 2 new wheel bearings in inboard main wheels. new tire + tube on left side. Service brakes with 5606 fluid. Replace both wheel bearings in nose wheel. new puffer seal on eng. baffle. Check EIT IAW 91.209.

| |
|---|
| This <u>Aircraft</u> has been inspected in accordance with an <u>annual</u> inspection and was determined to be in airworthy condition this date <u>1-12-02</u> <u>James R. Solenberg</u> James R. Solenberg A & P 314421605IA |
|---|

Remove out
Install
th.
4-15 thru

51B
557-80C
561-86B

A.D.
24-18-05

A.D.
92-15-16

SERVICEABLE

SERVICE

MFGR. NAME Slick
COMPONENT NAME MAGNETO
MODEL NO. 664
PART NO. 664

MFGR. NAME MAVIS
COMPONENT NAME CR
MODEL NO. MA-3
PART NO. 10-44

SERIAL NO.

SERIAL NO. S-5-1

- OVERHAUL
- REPAIR
- TEST ONLY

- OVERHAUL
- REPAIR
- TEST ONLY

Remarks: Disassemble

Remarks: Front Assy & Drive pin replaced

Front Assy & Drive pin replaced
Front Assy & Drive pin replaced
AND TEST SAFETY WITH UNIT COMPLETE

Work Order

Work Order No. 112

Date

Date 6-16-93

Authorized Signature

Authorized Signature [Signature]

H
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HOLMES AV
2330 S. Airport
Chandler, AZ
(602) 966-1814
APR 18 1993

The aircraft and/or component identified was repaired and inspected in accordance with current Federal Aviation Agency Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under

Work Order No. 3816
Date 6-17-93
Signed D.W. Budy for

CRS No. KY3R648L
Varga Enterprises, Inc.
dba **FLITE INSTRUMENTS**
AIRCRAFT INSTRUMENT SALES & SERVICE
2350 So. Airport Blvd.
Chandler, AZ 85249
602-963-6936 / 1-800-966-6936

The Standard
 **AIRCRAFT LOG**

ASA-SA-2