DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

. Fund.

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

| | (Airtr | ame, | Powerpia | 17, PF | obei | ier, | or Applia | nce) | | | | | | |
|---|--------------------------------------|---|---|------------------|-----------------------------------|--------------------|--|--------------------|--------------------------|---------------|------------------------------|----------------------|--------------------|--|
| INSTR | UCTIONS: Pr | int or isposit | type all entries | . See m. | FAR | 43.9 | , FAR 43 App | endix B, and | AC 43.9-1 | (or | subsequent | revision t | hereof) | |
| | MAKE | | | | | | | | MODEL | | | | | |
| 1. AIRCRA | ы | Piper | | | | | | | PA 22-150 | | | | | |
| i. Ainean | " SERIAL N | | 5050 | | NATIONALITY AND REGISTRATION MARK | | | | | | | | | |
| | 22-5250 | | | | | | N7522D | | | | | | | |
| | 1 600 | NAME (As shown on registration certificate) | | | | | ADDRESS (As shown on registration certificate) 405 Norman Ave. | | | | | | | |
| 2. OWNER | () TI | Thomas D. Stewart | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| Cashmere, Wn. 9 | | | | | | | | | | | . 9001 | | | |
| THE SEAZALTERATION IDENTIFIED HEREIN COURTES WITH APPLICABLE AIR CONTHINESS INCOMERCIANS AND IS APPROVED STRY FOR THE ABOUT DESCRIPTO AIRCRAFT SUBJECT TO CORPORATTY INSPECTION BY A PERSON AUTHORIZED IN FAR 43.7. | | | | | | | | | | | | | | |
| | | | 3-11-8 Date | ************ | | n | FAA Inspecie | NW VSDO 61 | arson | _ | | | | |
| | | | | 4. UN | IT ID | ENTIF | ICATION | | | | | 5. | ГҮРЕ | |
| זואט | | MAKE | | | | MODEL | | | SERIAL NO. | | | REPAIR | ALTER- | |
| | | mont | | | | | | | | | | REPAIR | ATION | |
| AIRFRAME (As described in item 1 above) | | | | | | | | ₩ | | x | | | | |
| | <u> </u> | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | |
| POWERPL | ANT | | | | | | | | | | | | | |
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| DDODE!! E | . | | | | | | | | | | | | 3.4 | |
| PROPELLES | ` . | | | | | | | | ŀ | | | | | |
| | TYPE | TYPE | | | | | | | | | | | | |
| | 1 | | | | | | | | | | U 401 | | | |
| APPLIANC | E MANUFACT | MANUFACTURER | | | | | | | | | 1.00 | 4 | | |
| | | | | | | | | | | | | 1. | | |
| | 6. CONFORMITY STATEMENT | | | | | | | | | | | | | |
| | A. AGENCY'S | NAM | E AND ADDRE | SS | | | B. KII | ND OF AGE | NCY | | C. CER | TIFICATE | NO. | |
| | willi | William C. Markey 1506 Walla Walla St. | | | | X | U.S. CERTIFICA | TED MECHANIC | c | | A&P 1740086 | | | |
| | | | | | | _ | | FICATED MECHANIC | | 10000 T/40000 | | | | |
| | | atchee, Wn. 98801 | | | | | | REPAIR STATION | | | | | | |
| | | | | | | <u> </u> | MANUFACTURE | k | | | | | | |
| attac | hments hereto | have | and/or alterat been made in furnished her | accorda | nce v | vith | the requireme | ents of Part 4 | 13 of the U. | nd o S. F | described or ederal Aviat | the reve ion Regu | erse or lations | |
| DATE | , , | | | | | SIG | NATURE OF | AUTHORIZED | INDIVIDUA | M. | | ٠. | | |
| 3. | -11-8 | lo l | | | | | Tulu | llian | 0 | m | ink | | | |
| | | | | 7. / | APPRO | VAL | FOR RETURN T | O SERVICE | | | | | | |
| Pursuant | t to the author inistrator of the | ity giv | ven persons spe eral Aviation A | cified dminis | below tration | , the | e unit identifi d is 🙀 APP | ed in item 4 ROVED | was inspecte REJECTED | ed in | the manne | r prescrib | ed by | |
| ву | FAA FLT. STANDA INSPECTOR | RDS | MANUFACTUR | ER | 义 | INSPECTION AUTHORI | | | OTHER (Specify | r) | | | * | |
| | FAA DESIGNEE | DESIGNEE | | ОИ | | OF | IADIAN DEPARTM TRANSPORT INSF AIRCRAFT | | | | | | | |
| DATE OF APPROVAL OR CERTIFICATE OR DESIGNATION NO. 3-11-89 1740086 SIGNATURE OF AUTHORIZED INDIVIDUAL CHICAGO Make | | | | | | | | | | | | | | |
| 3-11-84 1740086 | | | | | | | telet | leam | | 11 | Talles | | | |

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

| 8. DESCRIPTIO | ON OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with air- tionality and registration mark and date work completed.) | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|
| ୍ଦିର (୭୫୭) ଓ ୧୯ ୧୯ | March 7, 1986 | | | | | | | | | | | |
| regit | Installed Bendix Eclipse 12V. fuel pump on inner left side of firewall for use only as back-up boost pump. This is the same unit Piper uses on Cherokee 180 A/C for boost pump operation. Pump is wired through 5A Circuit Breaker. | | | | | | | | | | | |
| g trop g (A 176) A companya ang ang | The following fuel flow test was done to verify adequate gravity flow with fuel pump installed. | | | | | | | | | | | |
| e (m) | With fuel line removed from carb. and fuel pump off, fuel was drained through normal A/C fuel system. | | | | | | | | | | | |
| YHELF | Fuel from each tank, with A/C in level flight attitude, was fed into a Wash. State calibrated 5 gal. test can that is used to test service station gas pump meters. The results were as follows. | | | | | | | | | | | |
| A WOOD AND TO | Left tank fuel flow through system is 5 gal. in 10 min. 42 sec. for fuel flow of 28.3 gph. (60/10.6=5.66x5=28.3) | | | | | | | | | | | |
| SO SERVICE | Right tank fuel flow through system is 5 gal in 11 min. 18 sec. for fuel flow of 26.5 gph. $(60/11.3 = 5.3 \times 5 = 26.5)$ | | | | | | | | | | | |
| VIII. SV. V. | | | | | | | | | | | | |
| in deductive engagement | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | | | | | | | | |
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| Andrew Marganetes | | | | | | | | | | | | |
| COMME | | | | | | | | | | | | |

ADDITIONAL SHEETS ARE ATTACHED

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