Form Approved

Electronic Tracking Number

| U.S Depart                     |  |                         | (Air            |                                     |                  |            | AND ALI                    |             |   | 11/30/20                    | 5. 2120-0020<br>007          |   |
|--------------------------------|--|-------------------------|-----------------|-------------------------------------|------------------|------------|----------------------------|-------------|---|-----------------------------|------------------------------|---|
| Federal Av                     | viation  |                         | (MII)           | ii ailie, FO                        | werbia           | alit,      | ropelle                    | er, or /    | Appliance)  |                             | . 1                          | For FAA Use Only  |
| Administra                     | ation  |                         |                 |                                     |                  |            |                            |             |   |                             |                              |   |
|                                | RUCTIONS: Pri<br>isposition of this<br>ch such violation |                         |                 |                                     |                  |            | Appendix B<br>.C. 1421). F | and AC      | 43.9-1 (or subseque<br>report can result in a               | ent revision<br>a civil pen | on thereof)<br>alty not to e | for instructions<br>exceed \$1,000  |
| 1. Aircraft                    | N833   |                         | Regis           | tration Mark                        |                  |            |                            |             | Serial No.<br>A15000036                                     |                             |                              |   |
|                                | Make<br>Cess   | ina                     |                 |                                     |                  | The second |                            |             | Model<br>A150K  |                             | s                            | eries   |
|                                | Name   | (As show                | vn on i         | registration cer                    | tificate)        |            |                            | -           | Address (As shown   | on registr                  | ation certifi                | cate)   |
| 2. Owner                       | Howa   | ard M. I                | Rand            | j                                   |                  |            |                            |             | Address 11007 M<br>City Marshfield<br>Zip 54449             |                             |                              | State_WI  |
|                                |  |                         |                 |                                     |                  |            | 3. For FAA                 |             |   |                             | Country_                     | U.S.A.  |
|                                |  |                         |                 |                                     |                  |            |                            |             |   | ٠                           |                              |   |
| 4                              | 4. Type  | ļ                       |                 |                                     | ·                |            |                            | 5. U        | nit Identification  |                             |                              |   |
| Repair                         | Alteration   |                         | U               | Init                                |                  |            | Make                       |             | Model   |                             |                              | Serial Number   |
| 9                              |  | AIRFR                   | ZAME            |                                     | 11               |            |                            |             | (As described in Ite  | em 1 abo                    | ve)                          |   |
|                                |  | POWE                    | RPL             | ANT                                 |                  |            |                            |             |   | E.                          |                              |   |
|                                |  | PROP                    | ELLE            | R                                   |                  |            |                            |             |   |                             |                              |   |
|                                |  | APPLI                   | ANCE            | <b>=</b>                            | Type<br>Manufact | urer       |                            |             | 2   | •                           |                              | 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 |
| \                              |  | L                       |                 |                                     |                  |            | 6. Conformi                | ity State   | ment .  | ********                    |                              | 72  |
| A. Agency'                     | 's Name and Ad   | dress                   |                 |                                     |                  | _          | Kind of Agen               | -           |   |                             | -                            |   |
| Name Alla                      |  |                         |                 |                                     |                  | B          | U.S. Certif                | ficated M   | echanic   |                             | Manufac                      | durer   |
| Address 20<br>City Neills      | 02 Court St.   |                         |                 | 140                                 |                  |            | Foreign Ce                 | ertificated | Mechanic  | C                           | Certificat                   | e No.   |
| Zip_54456                      |  |                         | 11.0            | State_WI                            |                  |            | Certificate                | d Repair    | Station   |                             |                              | 200792276   |
| D. I certi                     | tify that the repair                                     | accordant               | alterat         | ion made to the                     | ents of Pa       | 201 43     | ied in item 5              | ahove at    | nance Organization and described on the viation Regulations | reverse o                   | r attachmer                  | 399782276<br>Ints hereto  |
| Extended raper 14 CFR          |  | □                       | orrect          |                                     |                  |            | ed Individual              | 1           |   |                             | Novemb                       | per 28, 2014  |
|                                |  |                         |                 |                                     |                  |            | proval for F               |             |   |                             |                              |   |
| Administr<br>Administr         | to the authority rator of the Fede                       | given pe<br>eral Aviati | rsons<br>ion Ad | specified below<br>ministration and | v, the unit      | dident     | ified in item :<br>PROVED  |             | spected in the manne  | er prescri                  | bed by the                   |   |
| ву                             | FAA Fit Stand<br>Inspector                               | dards                   |                 | Manufacturer                        |                  |            | Maintenand                 | ce Organ    | ization   |                             |                              | Approved by Canadian ent of Transport   |
|                                | FAA Designe  | е                       |                 | Repair Station                      | 1                | x          | Inspection                 | Authoriza   | ation   | Othe                        | r (Specify)                  |   |
| Certificate on Designation 399 |  |                         | Sign            | ature/Date of                       | uthorized        | Indiv      | dua                        |             |   |                             | Novem                        | ber 28, 2014  |

| 8. Description of Work Accomplished                   |                        |                        |                        |                  |
|---|------------------------|------------------------|------------------------|------------------|
| (If more space is required, attach additional sheets. | Identify with aircraft | nationality and regist | ration mark and date w | ork completed.)  |
| .[  |                        | 36M                    | Nov. 28, 2             |                  |
| 5   |                        | d Registration Mark    |                        | Date             |
| Installed a 4" circular patch on the left side of     | f rudder, directly     | behind spar abou       | it 18' up. Installed   | a 2" by 3" patch |
| on the upper left elevator, directly behind spa       | ar about 12' from      | inboard end. Ins       | talled new inner ar    | nd outer patch   |
| plates at front tailwheel spring attach point. R      | Rudder and eleva       | ator repairs was m     | ade using .020 20      | 2T-3 aluminum.   |
| tailwheel attach plates made of .065 2024T-3          | 3 aluminum and         | either CR3213, C       | R3212 or MS2047        | 0AD rivets as    |
| needed. All work was inspected and found to           | be done in acc         | ordance with AC        | 43.13-1B, Chapter      | 4, Section 4 and |
| Cessna 150 Series Service Manual D971C3-<br>END.      | -13, Section 18 8      | Structural Repair.     |                        |                  |
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|   | Additional Sheets:A    | re Attached .          | 1                      | ×                |

| U.S Departm<br>Transportation<br>Federal Avia | on . "                     | etale (Ai<br>Probabili         | MAJOR<br>rframe, Po  | werplar             | R AND ALTE                       | RATION<br>or Appliance)  | Form Approved OMB No. 2120 11/30/2007 | -0020                      | Electronic Tracking Numbe   |
|---|----------------------------|--------------------------------|--|---------------------|----------------------------------|--|---------------------------------------|----------------------------|-----------------------------|
|   | UCTIONS: Pri               |                                | entries. See FAI<br>eport is required<br>I Federal Aviatio |                     | R 43 Appendix B, a               | nd AC 43.9-1 (or subseque  |                                       | reof) for insi             | tructions ,                 |
| :   | Nation                     | - (Occuon so                   | istration Mark   | an Act 1958         | )                                | Serial No  |                                       |                            | est to the first            |
| 1. Aircraft                                   | Make<br>Cess               | ina                            |  |                     | 1,21116                          | Model<br>A150K   |                                       | Series                     |                             |
| 2. Owner                                      |                            | (As shown or                   | registration cer   | tificațe)           | ,                                | Address_11007 McCity_Marshfield  | <u>cArthur</u>                        |                            | State_WI                    |
|   |                            |                                |  |                     | 3. For FAA U                     | Zip_54449  | Cou                                   | intry_U.S./                | <u>A.</u>                   |
|   | Туре                       | T                              |  |                     |                                  |  |                                       |                            |                             |
| 2032  |                            | -                              |  |                     |                                  | 5. Unit Identification   |                                       |                            |                             |
| Repair  | Alteration                 |                                | Unit   |                     | Make                             | Model  |                                       |                            | Serial Number               |
|   | 🗹                          | AIRFRAM                        | E,   |                     |                                  | (As described in Ite   | em 1 above)                           |                            | u                           |
|   |                            | POWERP                         | LANT   |                     | a afair a a                      |  |                                       | ing.<br>Selata             |                             |
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| ο.  |                            | APPLIANC                       | Æ.   | Type<br>Manufacture | ar .                             |  |                                       | * is *                     | 4 =                         |
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| Agency's                                      | Name and Ad                | drage                          |  |                     | 6. Conformity                    | Statement  |                                       |                            |                             |
|   | n Hatz                     | uless                          | •  |                     | B. Kind of Agency U.S. Certifica |  |                                       |                            |                             |
| ddress 202                                    | 2 Court St.                |                                |  | ŀ                   |                                  | ted Mechanic<br>ficated Mechanic   |                                       | nufacturer<br>tificate No. |                             |
| ity <u>Neillsv</u>                            |                            |                                | State_WI   | <u> </u>            | ☐ Certificated R                 | Repair Station   | 0. 06                                 |                            | 70070                       |
| D. I certify                                  | that the repai             | r and/or alter                 | ation made to the  | e unit(s) ide       | ntified in item 5 ab             | faintenance Organization ove and described on the r  | reverse or attac                      | h to b                     | 9782276<br>eto              |
| fumish  | ned herein is tr           |                                | to the best of r   |                     |                                  | eral Aviation Regulations a  | and that the info                     | ormation                   |                             |
| er 14 CFR F                                   |                            | □ <sub>. :</sub>               | Signature/D  | lete of Auth        | orized Individual                |  | May                                   | 28, 200                    | 8                           |
| Pursuant to<br>Administra                     | the authority              | given person<br>ral Aviation A | s specified below  | v, the unit is      | Approval for Ret                 | urn to Service<br>vas inspected in the manne<br>REJECTED   | er prescribed by                      | the the                    |                             |
| BÝ…   | FAA Fit Stand<br>Inspector | dards                          | Manufacturer   |                     | Maintenance                      | Organization   |                                       | son Approv                 | ed by Canadian<br>Transport |
|   | FAA Designe                | e                              | Repair Station   | ۱                   | x Inspection Au                  | thorization  | Other (Spe                            | cify)                      |                             |
| ertificate or<br>esignation N                 | lo.<br>782276              | Sig                            | nature/Date of A   | authorized I        | odividual                        |  | Jur                                   | ne 3, 200                  | 8                           |

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# MAJOR REPAIR AND ALTERATION

Form Approved OMB No. 2120-0020

Electronic Tracking Number

| U.S Departn<br>Transportati           | nent of<br>on  |                         | (Air              | frame, Po  | werp                  | ant.             | Propel                    | er.              | or Appliance)   | 11/30/20    | 007        |                    | 14                  |          |
|---------------------------------------|--|-------------------------|-------------------|--|-----------------------|------------------|---------------------------|------------------|---|-------------|------------|--------------------|---------------------|----------|
| Federal Avia<br>Administrati          |  |                         |                   |  |                       |                  |                           |                  | o. Appliance,   |             |            | For FAA            | Use Only            |          |
| INSTR<br>and dis<br>for each          | UCTIONS: Pri<br>position of this<br>h such violation | int or type<br>form. T  | e all e<br>his re | ntries. See FA<br>port is required<br>Federal Aviation   | R 43.9, I<br>by law ( | FAR 4:<br>49 U.S | 3 Appendix<br>5.C. 1421). | B, and<br>Failur | d AC 43.9-1 (or subseque<br>re to report can result in a        | nt revision | on thereof | f) for instruction | uctions<br>\$1,000  |          |
|                                       | 7  | ality and               | -                 | stration Mark  |                       |                  |                           |                  | Serial No.<br>A15000036   |             |            |                    |                     |          |
| 1. Aircraft                           | Make   |                         |                   |  |                       |                  |                           |                  | Model   |             |            | Series             |                     |          |
|                                       | Cess   |                         |                   |  |                       |                  |                           |                  | A150K   |             |            |                    |                     |          |
| 2. Owner                              |  | ard M.                  |                   | registration cei   | rtificate)            |                  |                           |                  | Address (As shown of Address 11007 Mc City Marshfield Zip 54449 |             |            | 2 2                | State_WI            |          |
|                                       |  |                         |                   |  |                       |                  | 3. For FA                 | A Us             |   |             | Journal    |                    | •                   | -        |
| 4.                                    | Туре   | T                       |                   |  |                       |                  |                           |                  | ×   |             |            |                    |                     |          |
| Repair                                | Alteration   | 1                       |                   | lait   |                       |                  |                           | 5                | 5. Unit Identification  |             |            |                    |                     |          |
| Поран                                 | Alteration   |                         |                   | Jnit   |                       |                  | Make                      |                  | Model   |             |            |                    | Serial Number       |          |
|                                       | 9  | AIRF                    | RAME              |  |                       |                  |                           |                  | (As described in Iter   | n 1 abov    | re)        |                    |                     |          |
|                                       |  | POWE                    | RPL               | ANT  |                       |                  |                           |                  |   |             |            |                    |                     |          |
|                                       |  | PROP                    | ELLE              | R  |                       |                  |                           |                  |   |             |            |                    |                     | -        |
|                                       |  | APPLI                   | ANCI              | <b>E</b>   | Type                  | turer            |                           |                  |   |             |            |                    |                     |          |
|                                       |  |                         |                   |  |                       |                  | 6. Conform                | nity S           | tatement  |             |            |                    |                     |          |
| Name Allar                            | Name and Ad  | dress                   |                   |  | *****                 |                  | Kind of Age               |                  |   |             |            |                    |                     | コ        |
|                                       | 2 Court St.  |                         |                   |  |                       |                  |                           |                  | ed Mechanic   |             | Manufa     |                    |                     |          |
| City Neills                           |  |                         |                   | State WI   |                       |                  |                           | _                | pair Station  | C.          | Certifica  | ate No.            |                     |          |
| ip_ <u>54456</u>                      |  | Country_                | U.S.              | <u>A.</u>  |                       | 늠                | _                         | -                | intenance Organization  | $\dashv$    |            | 3997               | 82276               | 1        |
|                                       |  |                         |                   | ion made to the<br>h the requirement<br>to the best of n |                       |                  | od in itom 5              | -bau             | re and described on the re<br>ral Aviation Regulations ar       | verse or    | attachme   | ents heret         | 0                   | 1        |
| er 14 CFR F                           |  |                         |                   | Signature/D  | ate of Au             |                  | ed Individua              | at               | 7   |             | May 28     | 3, 2008            | (40)                |          |
| Dur-                                  |  |                         |                   |  |                       | 7. A             | proval for                | Retur            | m to Service  |             | ****       |                    | -                   | $\dashv$ |
| Administrat                           | or of the Fede                                       | given per<br>ral Aviati | on Ad             | specified below<br>ministration an                       | v, the uni<br>d is    | t ident          | ified in item<br>PROVED   |                  | s inspected in the manner<br>REJECTED                           | prescrib    | ed by the  | )                  |                     | 7        |
| ву                                    | FAA Fit Stand<br>Inspector                           | ards                    |                   | Manufacturer   |                       |                  | Maintenar                 | ce Or            | ganization  |             | Departr    | ment of Tr         | by Canadian ansport |          |
|                                       | FAA Designee   | •                       |                   | Repair Station   | i e                   | ×                | Inspection                | Autho            | orization   | Other       | (Specify)  | )                  |                     |          |
| ertificate or<br>esignation N<br>3997 | o.<br>782276   |                         | Signa             | ature/Date of A  | uthorized             | d Indiv          | oual out                  |                  |   |             | June 3     | 3, 2008            |                     | 1        |

| 8. Description of Work Accomplished  | The risk of the State of the St | The terms of the the property of the terms o |
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| (If more space is required, attach additional she  | eets. Identify with aircraft nationality and r   | registration mark and date work completed  |
| and topic ord. So John M. Marchaeller Construction   |  | \$1761 623 123 123   |
|  | N8336M   | May 28; 2008   |
| 5 p. 110 g   | Nationality and Registration Ma  | lark Date  |
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| Installed Lycoming 0-320-E2D Engine and increase provided in Drawing List JS000,, revised 5/15/1990  | ad aircraft gross weight in accordance with  | n a DEL-AIR STC SA4795SW and instructions  |
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|  | Additional Sheets Are Attached   |  |
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# US Department of Transportation

Federal Aviation Administration

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

Form Approved OMB No. 2120-0020

For FAA Use Only Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (pr supsequent revision thereof) for instructions

|            | h such violation (Sec  |                                |         |                |                         | Model   |   |                          |                               |                     |
|------------|--|--------------------------------|---------|----------------|-------------------------|---|---|--------------------------|-------------------------------|---------------------|
| 1. Aircra  | ft Cess  | sna                            |         |                |                         |   | A150K                                     |                          |                               |                     |
|            | Serial No.   | 200026                         |         |                |                         | Nationality and Registration Mark N8336M Address (As shown on registration certificate) |   |                          |                               |                     |
|            |  | 00036<br>wn on registration ce | rtition | tal            |                         |   |   |                          |                               |                     |
|            |  | wii on registration ce         | runça   | le)            |                         | ertificate)   |   |                          |                               |                     |
| 2. Owner   | Rand   | d, Howard M                    |         | 11007 McArthur |                         |   |   |                          |                               |                     |
|            |  |                                |         |                |                         |   | Marshfiel                                 | d, WI                    | 54449                         |                     |
| -          |  |                                |         | 3.             | For FAA Use Or          | aly   |   |                          |                               |                     |
|            |  |                                |         |                |                         |   |   |                          |                               |                     |
|            | 91   |                                |         |                |                         |   | ** *                                      |                          | ¥                             |                     |
|            |  |                                |         |                |                         |   | * *********                               |                          |                               |                     |
|            |  |                                |         | 4.             | Unit Identification     | on  |   |                          | 5. Type                       |                     |
| Unit       |  | Make                           |         |                | Model                   |   | Serial No                                 | ).                       | Repair                        | Alteration          |
| AIRFRAME   |  |                                | As des  | cribe          | d in Item 1 abou        | o.l   |   |                          |                               |                     |
|            |  | 7.5 000                        |         |                | E) *****                | ······  |   |                          | Х                             |                     |
| OWERPL     | ANT  |                                |         |                |                         |   |   |                          |                               |                     |
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| ROPELLE    | R  | -                              |         |                |                         |   |   |                          |                               |                     |
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|            | Туре   |                                |         |                |                         |   |   |                          |                               |                     |
| PPLIANC    | Manufacturer   |                                |         |                |                         |   |   |                          |                               | <b>!</b>            |
|            |  |                                |         |                |                         |   |   | _                        |                               |                     |
|            |  |                                |         | 6. Co          | nformity Statem         | ent   |   |                          | -                             |                     |
| Agency     | y's Name and Address   | \$                             |         | _              | Kind of Agency          |   |   | C. Certif                | ficate No.                    |                     |
| A          | llan J. Hat  | Z                              |         | x              | U.S. Certificated       |   |   |                          |                               |                     |
|            | 02 Court St  |                                |         | -              | Foreign Certifica       |   |   | ARP 3                    | 997822                        | 76                  |
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| 0 1000     |  |                                |         | 1              | Manufacturer            |   |   |                          |                               |                     |
|            | ify that the repair and<br>been made in accord<br>shed herein is true an | ance with the reduit           | emeni   | SOIP           | art 43 of the LLS       | 4 above<br>. Federal  | and described on t<br>Aviation Regulation | he reverse<br>ons and th | or attachmen<br>at the inform | nts hereto<br>ation |
| ate        |  |                                | Of Illy |                | nature of Autho         | dinad lad   | fact of t                                 |                          |                               |                     |
| J          | une 12, 199  | 9                              |         | Sig            |                         | A P   | Widyal                                    | _                        |                               |                     |
|            |  |                                | 7 4.    | nrov           | al for Return To        |   | 101                                       |                          |                               |                     |
| Rursuan    | t to the authority giver   | ven persons specifie           | d belo  | w the          | unit identified         | in item   | 4 was inspected in                        | the mani                 | ner prescribe                 | ed by the           |
| 7.01111111 | FAA Fit. Standards   | Sviation Auministrati          | on and  | 1 12           | © APPROVED              | U R   | Other (Specify)                           |                          | 70                            |                     |
| Y          | Inspector  | Manufacturer                   | X       | Insp           | ection Authoriza        | tion  | Other (Specify)                           |                          |                               |                     |
|            | FAA Designee   | Repair Station                 |         | Pers           | on Approved by ada Airw | Transports Groub  | 1   |                          |                               |                     |
| ate of Ap  | proval or Rejection  | Certificate or                 |         | _              | ature of Autflor        |   | vidulai                                   |                          |                               |                     |
| June       | 13, 1999   | Designation No. 39978227       | 6       |                | 1 107                   | -   | <del> </del>                              |                          |                               |                     |

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. Description of Work Accomplished
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed BAS, Inc., tail pull handle in accordance with

BAS, Inc. STC No. SA3851NM, BAS, Inc. Installation Instructions

No. TPH-1 and BAS, Inc. Drawing No. TPH-1. END.

☐ Additional Sheets Are Attached

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

## MAJOR REPAIR AND ALTERATION

| INSTRUCT                   | MONS: Print or to | ype all entries. See  | FAR 4  | 3.9, FAR 43 App                                | endix B, and          | AC 43.9-1 (or                           | subsequent   | revision t             | hereof)            |
|----------------------------|-------------------|---|--------|--|-----------------------|---|--------------|------------------------|--------------------|
| ior instructi              | MAKE              | on of this form.  |        | <u> </u>                                       | MODEL                 |   | -            |                        |                    |
|                            | MARE              | - 130 .   |        |  | MODEL                 | A - 150                                 | K            | `e*                    |                    |
| ATRCRAFT                   | SERIAL NO.        | 3 0 -   |        |  | NATIONALI             | TY AND REGIST                           |              | ARK                    |                    |
|                            | A-                | 150 0003  | 6      |  | 1                     | 1833                                    | 6 M          |                        |                    |
| 7                          | NAME (As shown    | on registration certific  | cate)  | ADDRESS (As shown on registration certificate) |                       |   |              |                        |                    |
| . OWNER                    | HowAR             | d RAN   | 7      |  | MA                    | R# L<br>erh. Fiele                      | win          | 54                     | 449                |
|                            |                   |   | . 3.   | FOR FAA USE ON                                 | LY                    |   |              |                        |                    |
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| TINU                       |                   | MAKE .  |        | WODEL  |                       | SERIAL                                  | NO.          | REPAIR                 | ALTER-             |
|                            |                   |   |        |  |                       |   |              |                        |                    |
| IRFRAME                    | - *****           |   | As des | cribed in item 1 al                            | ove)                  | *************************************** | ~            |                        |                    |
|                            |                   |   |        |  |                       |   |              | <u> </u>               | -                  |
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| PPLIANCE                   | MANUFACTURER      |   |        |  |                       | 20                                      |              |                        | 100                |
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| è.                         |                   |   | 6. (   | ONFORMITY STATE                                |                       |   |              | • .                    |                    |
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| GALER                      | muille le         | in 54636  |        | MANUFACTURE                                    |                       |   |              |                        |                    |
| D. I certify               | that the repair a | and/or alteration ma<br>seen made in accorda<br>furnished herein is t | INCE W | ith the requireme                              | ents of Fart 4        | to of the O.S. I                        | described of | n the rev<br>tion Regu | erse or<br>lations |
|                            | t the information | Turnişmed merem is t  |        | SIGNATURE OF                                   |                       |   |              | •                      |                    |
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|                            |                   |   |        | VAL FOR RETURN                                 |                       |   |              |                        |                    |
| Pursuant to<br>the Adminis | the authority giv | en persons specified<br>ral Aviation Adminis                          | below  | , the unit identificant is and is APP          | ed in itèm 4<br>ROVED | was inspected i                         | n the mann   | er prescri             | bed by             |
|                            | A FLT. STANDARDS  | MANUFACTURER  | TV     | INSPECTION AUTHOR                              | ZATION                | OTHER (Specify)                         |              |                        |                    |
| Y                          | SPECTOR           | -   | 1      | CANADIAN DEPARTA                               | AENT                  |   | .*           |                        |                    |
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| D. DESCRIPTION OF THE PROPERTY |               |
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## DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION
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|                    | ctions and disposit                      | don of this form.  |         |               |  | 1  |  |                               | revision t           |                     |
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|                    | MAKE                                     |  | a je    |               |  | MODEL  | A-150  | <u></u>                       |                      |                     |
| 1. AIRCRAF         | SERIAL NO.                               | zm-  |         |               | <del></del>  | NATIONAL   | ITY AND REGI                                 |                               | · ·                  |                     |
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|                    |  | n on registration cert   |         |               | , 4  | ADDRESS (  | As shown on reg                              |                               | icate)               |                     |
| 2. OWNER           | Howard                                   | ENAS.  |         |               |  | KR   | Fa<br>Leth Fol                               |                               |                      | 440                 |
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|                    | ·  | 4. 1   | JNIT ID | ENTIF         | ICATION  |  |  | 1:                            | . 5.                 | TYPE                |
| זואט               |  | MAKE   |         | v             | MODEL  | •  | - SERIAL                                     | NO.                           | REPAIR               | ALTER-              |
|                    | <b>—</b>                                 | - <del></del>  | ٠       |               |  |  |  | 4 /                           |                      | ATION               |
| AIRFRAME           | *****                                    | ***************************************                          | (As de  | scribe        | ed in item 1 ab  | ove)   | ***************************************      | · .                           | 0.50                 | X                   |
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|                    | TYPE                                     |  |         |               | +  |  |  |                               |                      |                     |
| APPLIANCE          | MANUFACTURER                             |  | 1       |               |  |  |  |                               |                      |                     |
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|                    |  |  | · 6.    | CONF          | ORALITY STATEM   |  |  | T -                           |                      |                     |
|                    | AGENCY'S NAMI                            |  |         | 1             | U.S. CERTIFICAT  | ID OF AGE  |  | C. CER                        | TIFICATE             | NO.                 |
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| GAL                | soille, wi                               | re 54630   |         |               | MANUFACTURES   |  |  | 1.5                           |                      | 14 B                |
| attachi            | nents hereto have i                      | and/or alteration r<br>been made in accor<br>furnished herein is | dance v | with          | the requirement  | ats of Part  | 43 of the U.S.                               | described on<br>Federal Aviat | the reve<br>ion Regu | erse or-<br>lations |
|                    | 1 . 1                                    |  |         | SIG           | NATURE OF  | AUTHORIZED   | INDIVIDUAL                                   | · · · ·                       |                      | -                   |
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| G/<br>Pursuant     | o the authority giv                      | 7.<br>ven persons specified                                      | d below | , the         | unit identifie   | d in item 4  | was inspected<br>REJECTED                    | in the manne                  | r prescrib           | ed by               |
| Pursuant the Admir | o the authority giv                      | en persons specifie  | d below | n and         | unit identifie   | d in item 4<br>ROVED   | was inspected<br>REJECTED<br>OTHER (Specify) | in the manne                  | r prescrib           | oed by              |
| Pursuant the Admir | to the authority giv                     | en persons specified<br>eral Aviation Admin                      | d below | INSF          | unit identifie   | d in item 4 ROVED   ZATION   | REJECTED                                     | in the manne                  | r prescrib           | oed by              |
| Pursuant the Admir | to the authority givistrator of the Fede | ren persons specifier<br>eral Aviation Admin<br>MANUFACTURER     | d below | INSF          | E UNIT IDENTIFIE  TIS APPE  PECTION AUTHORI  TRANSPORT INSPI  AIRCRAFT | d in item 4 ROVED  ZATION ENT ECTOR  | REJECTED                                     |                               | r prescrib           | oed by              |

| 8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)   |
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| Installed Placands For use of Ato GAS Per  |
| EAA - Aviation Foundation- Inc. STC - # \$463361   |
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| US Departr<br>of Transport<br>Federal Av<br>Administra | nent (Airf                                     | ran           | AJOR REPAIR /<br>ne, Powerplant,   | Pro   | peller, or Ap  | N                          | 12 1080                               | Form Appro<br>OMB No. 2<br>Fo<br>Office Ident | 120-0020<br>FAA Use O   | nly<br>lc                |
| and disp   | osition of this form.                          | This          | entries. See FAR 43.9<br>report is required by I<br>301 Federal Aviation | aw (4 | 9 U.S.C. 1421). Fa   | nd AC 43.9<br>ilure to rep | -1 (or subseque<br>ort can result ir  | nt revision to<br>a civil penal               | nereof) for ins<br>ty not to exce   | structions<br>ed \$1,000 |
| i. Aircraft  | Make CESS                                      | NA            | 036  | 0.1   | bassoibs.  | Nationalit                 | A 150 K<br>y and Registra<br>N 8336 M | - C   | 20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>2 |                          |
| 2. Owner   | Name (As sho                                   | wn o          | n registration certific  | ate)  | 1. 40/11 1<br>1. 40/10 1                                     | 1100                       | As shown on re<br>7 MCARTH<br>HFIELD, | UR  |   | 449                      |
|  |  |               |  |       | . For FAA Use O  | ıly                        |                                       |   |   |                          |
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|  |  |               | gille haig i raphi   |       |  | on .                       |                                       |   | 5. Type   |                          |
| Unit   |  | Mak           | ю  |       | Model  |                            | Serial                                | No.   | Repair  | Alteration               |
| POWERPL  | ANT  |               |  |       |  |                            |                                       |   |   | XX                       |
| PROPELLE   | ER   |               |  |       |  |                            |                                       |   |   | 5                        |
| APPLIANC   | Type Manufacturer                              |               |  |       |  |                            |                                       |   |   |                          |
|  |  | -             |  | 6.    | Conformity State   | ment                       | •                                     |   |   |                          |
| A. Agend   | cy's Name and Addre                            | ss            |  |       | B. Kind of Agend   | y                          |                                       | C. Cert                                       | ificate No.   |                          |
| R. 2   |  |               | TTER<br>SCONSIN 544  | 43    | X U.S. Certificat Foreign Certif Certificated R Manufacturer | icated Mech                | anić                                  | A&P   | 399826  | 333                      |
| hav  | e been made in acco                            | ordar         | ralteration made to the course with the requirem correct to the best of  | ents  | t(s) identified in it<br>of Part 43 of the U<br>nowledge.    | .S. redela                 | Aylation nego                         | on the revers                                 | e or attachment the infor   | ents hereto<br>mation    |
| Date   | 06-30-89                                       | - ;<br>- \    |  | . Ap  | Signature of Aut   | Sam                        | lividual                              | 15  |   | 1990                     |
| Pursua   | ant to the authority<br>distrator of the Feder | give<br>al Av | n persons specified i  | below | the unit identifi  | ed in item                 | MEDICIFO                              |   | nner prescri  | bed by the               |
| ву   | FAA Fit, Standards<br>Inspector                | 3°            | Manufacturer   | /     | Inspection Author  |                            | Other (Spec                           | ony)<br>Z                                     |   |                          |
|  | FAA Designee                                   | 1             | Repair Station   |       | Person Approved<br>Canada Airworthia                         | ness Group                 |                                       | -11-  |   |                          |
| Date of A  | Approval or Rejection                          |               | Certificate or<br>Designation No.  |       | Signature of Aut   | ioused mo                  | 14                                    | 111   |   |                          |

FAA Form 337 (4-87)

7/7/89

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| (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)   |
|--|
| 1. Removed suction gauge Part # S1414-1 Serial # 5765.   |
| 2. Removed Datcon hour meter. Indicated hours - 2180.9.  |
| 3. Moved existing cylinder head temperature gauge and exhaust gas  |
| temperature gauge to previous suction gauge and hour meter locations.  |
| 4. Installed repaired King Model KT76A Transponder, serial number  |
| 23610 and new A.C.K. Technologies Inc. Model A-30 Altitude Encoder   |
| Serial # 10794.  |
| 5. Installed new Datcon hour meter part number 56576-00 in previous  |
| c.h.t. gauge location.   |
| 6. Installed new suction gauge PN 5001 in previous E.G.T. location.  |
| 7. Seperated avionics fuses from main buss with 35 amp circuit breaker   |
| Potter & Brumfield PN W31X2 MIG35  |
| to the same of the same to the |
| 8. All installations done in accordance with manufacturer's instructions and EA-AC 43.13, Chapter 11.  |
| 9. New empty weight 1108.1.  |
| New C.G. 34.94.  |
| Moment 38.717.23.  |
| New useful load 491.9.   |
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DEPARTMENT OF TRANSPORTATION Form Approved Budget Bureau No. 04-R060.1 FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ATTERATION
(Airframe, Powerplant, Propeller, or Application) FOR FAA USE ONLY OFFICE IDENTIFICATION AGL-FSDO-61 INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

AGL-FSDO #61 MAKE MILWAUKMODEL Cessna A150K 1. AIRCRAFT SERIAL NO. NATIONALITY AND REGISTRATION MARK A1500036 N8336M NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate) 2. OWNER 11007 McCarthur Drive Rand, Howard M. Marshfield, Wi. 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE TINU MAKE MODEL SERIAL NO. ALTER-REPAIR ATION AIRFRAME X POWERPLANT PROPELLER APPLIANCE MANUFACTURER 6. CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. U.S. CERTIFICATED MECHANIC Terry A. Mattson FOREIGN CERTIFICATED MECHANIC R. 1 Box 115 392746686 CERTIFICATED REPAIR STATION Plum City, WI. 54761 MANUFACTURER D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. SIGNATURE OF AUTHORIZED INDIVIDUAL September 3 . 7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

INSPECTION AUTHORIZATION

OF TRANSPORT INSPECTOR OF AIRCRAFT

SIGNATURE OF AUTHORIZED INDIVIDUAL

CANADIAN DEPARTMENT

FAA FLT. STANDARDS

INSPECTOR

DATE OF APPROVAL OR

9-3-87

FAA Form 337 (7-67)

FAA DESIGNEE

BY

REJECTION

MANUFACTURER

REPAIR STATION

CERTIFICATE OR

DESIGNATION NO.

11648427

(8320) -

OTHER (Specify)

| 8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)  Installed brackett filter_assembly_BA_klD6_in accordance with instruction sheet_BA_klD5_as_per_STO_SA7IGI.   | 8. DESCRIPTION OF WORK ACCOUNTS  |  |
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| Instruction sheet BA 4105 as per STC SA71GL.  A 100 In accordance with the state of | craft nationality and registration mark  | uired, attach additional sheets. Identify with air   |
| Instruction sheet BA 4105 as per STC SA71GL.  A 4100 in accordance with a 4105 as per STC SA71GL.  | Installed hrackett are   | ork completed.)  |
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DEPART OF TRANSPORTATION
FEDERAL ACTION ADMINISTRATION

MAJOR REPAIR AND ALTERATION

(Airframe, Powerplant, Propeller, or Appliance) FSDO #61

FOR FAA USE ONLY
OFFICE IDENTIFICATION
FOR THE STATE OF T

|                                       | MAKE CESSIV  | A               |   | MODEL         | 4 150 K         |                              | •          | 1                 |  |
|---------------------------------------|--|-----------------|---|---------------|-----------------|------------------------------|------------|-------------------|--|
| 1. AIRCRAFT.                          | SERIAL NO.   |                 |   | NATIONALI     | TY AND REGIS    | TRATION M                    | ARK        |                   |  |
| * * * * * * * * * * * * * * * * * * * |  |                 |   |               | 183367          |                              |            |                   |  |
| 2. OWNER                              | NAME (As shown on registra   |                 |   |               | s shown on regi |                              |            |                   |  |
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|                                       |  |                 | 3. FOR FAA USE ON                         | ILY           |                 | 150                          |            |                   |  |
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|                                       |  | 4. UNIT ID      | ENTIFICATION                              |               | 11000           |                              | 5.         | ГҮРЕ              |  |
| TINU                                  | MAKE   |                 | MODEL                                     | 3.2           | SERIAL          | но.                          | REPAIR     | ALTER-            |  |
| AIRFRAME                              | ***************************************  | As de           | scribed in item 1 ab                      | ove)          | ••••••          | •                            |            | X                 |  |
| POWERPLANT                            |  |                 | •   |               |                 | S XX                         |            |                   |  |
| PROPELLER                             |  |                 | . 19                                      | ¥.            |                 |                              |            |                   |  |
| APPLIANCE                             | MANUFACTURER   |                 | COMPORATIVE STATE                         |               |                 |                              |            |                   |  |
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| GREENWOOD WIS                         |  |                 | CERTIFICATED REPAIR STATION  MANUFACTURER |               |                 |                              |            |                   |  |
| D. I certify                          | that the repair and/or alternts hereto have been made in the information furnished h | n accordance    | the unit(s) ident                         | ified in item | of the U.S. F   | lescribed or<br>ederal Aviat | the reve   | rse or<br>lations |  |
| MAY                                   | 2,1980   |                 | SIGNATURE OF                              | AUTHORIZED    | . 37            |                              |            |                   |  |
|                                       |  | 7. APPRO        | VAL FOR RETURN TO                         | C.            |                 |                              | *          |                   |  |
| Pursuant to<br>the Administ           | the authority given persons<br>rator of the Federal Aviation                         | specified below | the unit identifie                        | d in item 4 v | as inspected in | the manne                    | r prescrib | ed by             |  |
| . FAA                                 | FLT. STANDARDS MANUFACT  |                 | INSPECTION AUTHORI                        | ZATION        | OTHER (Specify) | A C TEX                      |            |                   |  |
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### JERAL AVIATION AGENCY

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

Form Approved Budget Buresu No. 04-R060.1 FOR FAA USE ONLY

OFFICE IDENTIFICATION

GL-GA00-13

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. MODEL Cessna 1. AIRCRAFT 150 Aerobat SERIAL NO. NATIONALITY AND REGISTRATION MARK A150-00036 B-8336M NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate)

REG Box 168 2. OWNER Maxair, Incorporated Appleton, Wisconsin 54911 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE UNIT MAKE SERIAL NO. ALTER-PEPAIR ATION AIRFRAME x POWERPLANT PROPELLER APPLIANCE MANUFACTURER CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. CERTIFICATED MECHANIC Frederick H. Stroebel FOREIGN CERTIFICATED MECHANIC 2605 Belaire Drive A&B 1013907 CERTIFICATED REPAIR STATION . Appleton, Wisconsin 54911 MANUFACTURER D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. SIGNATURE OF AUTHORIZED INDIVIDUAL 4/9/71 7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Agency and is APPROVED REJECTED OTHER (Specify) FAA FLT. STANDARDS MANUFACTURER INSPECTION AUTHORIZATION INSPECTOR BY CANADIAN DEPARTMENT FAA DESIGNEE REPAIR STATION OF TRANSPORT INSPECTOR OF AIRCRAFT SIGNATURE OF AUTHORIZED INDIVIDUAL Tuesder H. Slescher DATE OF APPROVAL OR CERTIFICATE OR REJECTION DESIGNATION NO. 4/9/71 A-1013907 Frederick H. Stroebel FAA Form 337 (1-65) OBSOLETE PREVIOUS EDITION 0052-025-8000 (8320)

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| 8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with air-<br>craft nationality and registration mark and date work completed.)  |
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| Pollowing repairs made to aircraft:  1. Installed new inboard half of wing tip rib, tips and (PM 0426400-20) skin (PM 0523003-21) rear spar.   |
| 2. Repairs made to lower fire wall (FM 0453114-3) by splitting on lower half A0-43-13-1 chapter 3. Repairs made to skin 0413004-11 and 0413004-2 where mose gear steering rods extend thru.  |
| 3. Installed new engine mounts, lower engine cowling, exaust   |
| tail pipe, carb air filter, propeller and nose gear steering   |
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