AIRCRAFT TECHNICAL LOGS

Section 4. PROPELLER

PROPELLER LOG

| 1. | Make | MT-PROPELLER ENTWICKLUNG GMBH | | |
|----|-----------------------|-------------------------------|--|--|
| 2. | Model | MTV-6-A-C-F/CF187-129 | | |
| 3. | Specification No. | PIANE | | |
| 4. | Date of Manufacture | | | |
| 5. | Hub Serial No. | 071237 | | |
| 6. | Blades | | | |
| | (a) Design No. | CF187-129 | | |
| | (b) Blade Serial Nos. | Ř | | |
| | (i) | YJ-32485 | | |
| | (ii) | YJ-32486 | | |
| | (iii) | YJ-32487 | | |
| | (iv) | | | |
| | . (v) | | | |
| | (c) Pitch Setting | | | |
| | (i) Basic | | | |
| | (ii) High | | | |
| | (iii) Low | | | |
| | (iv) Revers | e | | |

PROPELLER SERVICE AND

TOTAL SINCE MFG.

| | DATE | | ERUN | | L TIME VERHAUL | | REPAIRS, ADJUSTMENTS, MODIFICATIONS | SIGNATURE | LICENCE |
|--|--------------------------|------|----------|------|-------------------|---|--|-----------|------------|
| | | HRS. | MIN. | HRS. | MIN. | NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE | ENTRIES. DRAW A DIA GONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS. | | NUMBER |
| | BROUGHT FORWARD | - | → | Ø | Ø | LH PROPELLER INSTALLED NEW ON DA 42 | SIN 42.9C127 | | DA Q 42 |
| | 1AR 17 2008 | | | 5, | 9 | HOURS BROUGHT FORWARD | | | (Q 42) |
| | | | | | | | | | |
| nber: | 4 | | | | | | | | |
| 079 | | | | | | TV. | | | |
| 3978 | 4 | | | | | | | | |
| ontract/Invoice er: | | | | | | * I | | | |
| 94 | | | | | | | | | |
| atus/Work: | | | | | | · · · · · · · · · · · · · · · · · · · | ANNUAL INSPECTION ENTRY W/O# LH | | |
| erhauled | | | | | | · · | Date 5/1/09 Acft Id N127US SMOH - | | |
| Elliadios | | | | | | | Hobbs Tach <u>45.5</u> TT <u>45.5</u> | | |
| | | | | | | | I certify that this PROPELLEDA has been inspected in | | |
| | | | | | | | accordance with An annual inspection and was | | |
| | | | | | | | determined to be in an airworthy condition. | | |
| | | | | | | | Insp. Sign. & Cert. No. 143114823 | | |
| in block 12/13 w ASA 145 and in | | 1 | | | | | Harris Aviation | | |
| sidered ready for acceptance Certif | ica | - | - | | | | Complied With (50hr)(100hr)(annual)Inspection | | |
| | - | | | - | | | Complied With (50hr)(100hr)(annual)Inspection Date 6 1-30 1200 A/C TT 118.6 Eng. TT 118.6 Eng. TSMO 118.6 | | |
| | | | 4 | - | | | Prop TT 118 6 Prop TSMO 118.16 | 1 | |
| bed in and in | | + | - | - | - | | Prop TTProp TSMO | | |
| | | - | - | - | | | Certificate No. 270592 Y | | |
| | | - | - | - | _22 | | VVO# <u>FTH 630</u> | | |
| ertificate No.: | - | +- | | | | | | | 2 |
| IR2R936K | - | | - | | | | LANDMARK | | |
| y): | | +- | + | + | - | | 14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400 | | |
| Γ/12/2010 | | | | | 1 | | N127US Date: January 27, 2011 Model #Diamond DA42 S/N 42.AC127 | | |
| | | | | | _ | | TACH: 42.6 HOBBS: 42.6 | | |
| | | _ | + | | | | MTV-6-A-C-F s/n 071237 PTT LEFT PROPELLER LOG ENTRY | | |
| specified in | | | + | | | | Removed and reinstalled the propeller after overhaul. See FAA | | |
| ed in Block1. | | | | | | | form 8130-3 dated 10/12/2010, WO# 1006494 by Aar Aircraft Services Oaklahoma. All three propeller blades were replaced | | |
| rdance with th | ie | - | | | | | at overhaul with overhauled blades. See EASA form 1 dated May 6, 2009, WO# 20900419 by MT-Propeller. | | |
| | | | | | | CARRIED FORWARD | I certify that the above stated maintenance was performed in | | |
| 0052-00-012 | | | | | 1 | | accordance with the current FAR's and this aircraft is approved | | |
| | TAL THIS PAG | _ | | - | | | for return to service. W.O. 829-10-02637 | | |
| | TOTAL FROM EVIOUS SUMMAR | | | | | | LANDMARK AVIATION FAA CRS # LN3R663L | | |

PROPELLER SERVICE AND

| | TIME | RUN | | L TIME | INSTALLATIONS, INSPECTIONS, | | N127US Date: March 1, 2013 Model #Diamond DA42 S/N 42.AC127 |
|--|---|----------------|------------------------|------------|---|----------|--|
| DATE | HRS. | MIN. | HRS. | MIN. | NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET | | TACH: 243.2 HOBBS: 243.2 |
| BROUGHT | | | | | | | LH MTV-6-A-C-F s/n 071237 PTT: 243.2 PTSO: 0 LEFT PROPELLER LOG ENTRY |
| FORWARD | | | | LAI | NDMARK | | Performed 50/100 hour / 6/12 month annual inspection per the Manufacturers check list. |
| | | 14600 | North Airpor | A V | I A T I O N tsdale, AZ 85260 • (480) 948-2400 Date: January 27, 2011 | | AD 2007-26-13 dated 1/31/2008, overhaul propeller, is not applicable by the manufacture date. |
| | | | | lel #Diar | nond DA42 S/N 42.AC127 138.5 HOBBS: 138.5 | | Performed lightning strike inspection. |
| | MTV-6-A-C-F s/n 071237 PTT LEFT PROPELLER LOG ENTRY | | | | | | Removed and reinstalled this propeller MTV-6-A-C-F s/n 071237 after overhaul. |
| | | Rem | oved and | reinstall | d the propeller after overhaul. See FAA | - 10 | See FAA form 8130-3 dated 11/5/2012, WO# 101588 by |
| | | Servi at ov | ices Oakl erhaul wi | lahoma. A | 2/2010, WO# 1006494 by Aar Aircraft Il three propeller blades were replaced uled blades. See EASA form 1 dated | | Ottosen Propeller & Accessories, Inc. All three propeller blades were replaced at overhaul with factory new. Blade model CF187-129 blade s/n 1. YJ32485, 2. YJ32486, 3. YJ32487. |
| | | | | | 00419 by MT-Propeller. | | I certify that the above stated maintenance was performed in |
| | I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. S29-10-02637 | | | | rrent FAR's and this aircraft is approved | | accordance with the current FAR's and this aircraft is approved for return to service. W.O. S29-12-04593 & S29-12-04534 |
| | | - 101 10 | - Co | CIVICC. IV | 0,020 10 0200 | | LANDMARK AVIATION FAA CRS # LN3R663L |
| | | LAND | DMARK A | VIATION | FAA CRS # LN3R663L | | LANDMARK AVIATION FAA CRS # LN3R663L ——— |
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| JULY 11,20 | KI | | | | I CERTIFY THAT THIS PROP HAS | | |
| TACH: 166 | 1. | | | \$ [] - [| BEEN ENSPECTED IN ACCORDANCE | j | |
| SMOH: 166 | | | DOMESTICAL AND | | WITH A 100 HR TRUSPECTION AND | <u>_</u> | |
| P.E.T.T. 166. | | | A lamo | | WAS DETERMINED TO BE IN | - | |
| | | | C. 100 (C) | - | AIRWORTHY CONDITION | _ | * |
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| | | | | | CARRIED FORWARD | | |
| TOTAL THIS PAG | E | | | | | | |
| TOTAL FROM PREVIOUS SUMMAR | Y | | 7 | | | | MAXIMUM HOURS BETWEEN OVERHAULS OR LIFE |
| TOTAL SINCE MFG. | | | = | | | | |



| N127US Date: March 1, 2013 Model #Diamond DA42 S/N 42.AC127 TACH: 243.2 HOBBS: 243.2 LH MTV-6-A-C-F s/n 071237 PTT: 243.2 PTSO: 0 LEFT PROPELLER LOG ENTRY Performed 50/100 hour / 6/12 month annual inspection per the Manufacturers check list. AD 2007-26-13 dated 1/31/2008, overhaul propeller, is not applicable by the manufacture date. Performed lightning strike inspection. Removed and reinstalled this propeller MTV-6-A-C-F s/n 071237 after overhaul. See FAA form 8130-3 dated 11/5/2012, WO# 101588 by Ottosen Propeller & Accessories, Inc. All three propeller blades were replaced at overhaul with factory new. Blade model CF187-129 blade s/n 1. YJ32485, 2. YJ32486, 3. YJ32487. | |
|---|-------------------|
| LH MTV-6-A-C-F s/n 071237 PTT: 243.2 PTSO: 0 LEFT PROPELLER LOG ENTRY Performed 50/100 hour / 6/12 month annual inspection per the Manufacturers check list. AD 2007-26-13 dated 1/31/2008, overhaul propeller, is not applicable by the manufacture date. Performed lightning strike inspection. Removed and reinstalled this propeller MTV-6-A-C-F s/n 071237 after overhaul. See FAA form 8130-3 dated 11/5/2012, WO# 101588 by Ottosen Propeller & Accessories, Inc. All three propeller blades were replaced at overhaul with factory new. Blade model | LICENCE NUMBER |
| Performed 50/100 hour / 6/12 month annual inspection per the Manufacturers check list. AD 2007-26-13 dated 1/31/2008, overhaul propeller, is not applicable by the manufacture date. Performed lightning strike inspection. Removed and reinstalled this propeller MTV-6-A-C-F s/n 071237 after overhaul. See FAA form 8130-3 dated 11/5/2012, WO# 101588 by Ottosen Propeller & Accessories, Inc. All three propeller blades were replaced at overhaul with factory new. Blade model | |
| Performed lightning strike inspection. Removed and reinstalled this propeller MTV-6-A-C-F s/n 071237 after overhaul. See FAA form 8130-3 dated 11/5/2012, WO# 101588 by Ottosen Propeller & Accessories, Inc. All three propeller blades were replaced at overhaul with factory new. Blade model | |
| Removed and reinstalled this propeller MTV-6-A-C-F s/n 071237 after overhaul. See FAA form 8130-3 dated 11/5/2012, WO# 101588 by Ottosen Propeller & Accessories, Inc. All three propeller blades were replaced at overhaul with factory new. Blade model | 1-17 |
| Removed and reinstalled this propeller MTV-6-A-C-F s/n 071237 after overhaul. See FAA form 8130-3 dated 11/5/2012, WO# 101588 by Ottosen Propeller & Accessories, Inc. All three propeller blades were replaced at overhaul with factory new. Blade model | |
| were replaced at overhaul with factory new. Blade model | |
| | |
| I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. S29-12-04593 & S29-12-04534 | 3 |
| LANDMARK AVIATION FAA CRS # LN3R663L | |
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_____HOURS.

| DATE | HRS. MIN. | | SINCE OV | TIME ÆRHAÚL | INSTALLATIONS, INSPECTIONS, | REPAIRS, ADJUSTMENTS, MODIFICATIONS | SIGNATURE | LICENCE |
|--------------------|-----------|---|----------|----------------|--|--|-------------|---------|
| | | | HRS. | MIN. | NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE | ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS. | | NUMBER |
| BROUGHT FORWARD | | - | 348 | 2 | Inspected props and found | | | |
| 6/1/2015 | | | | | to be airworthy Replaced | gear boxes to liquid Cooled. | Russell Han | TA 595 |
| Mov-1,2020 | | | 645. | 1 | Enspected prop and found to | | | |
| | | | | | be in an airworthy condition per | | | - |
| - | | | | | Certily that this prop has been | | | |
| | | | | | inspected and found to be arrivally | | | |
| | | | | | Puroell Famel Chris It 2705 924 | | | |
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| | | | _ | | | | | |
| | | | | TT 754. | S Left Prop Model MTV-6-R-C-F SN:071237 5 December30 ,2024 | | | |
| | | | | | nspected this Propeller and Reference to | | | |
| | | | _ | Diamor | nd 100 hour checklist and WT 62 62 KeV | | | |
| | | | l | detail | Certify this prop is airworthy at this time. Janel Hauria IA 2705924. | | | |
| 7 | | | | KUYSKA | | | | |
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| (E | | | | | CARRIED FORWARD | | | |
| TOTAL THIS PAGE | | | | | | MAXIMUM HOURS BETWEEN OVERHAULSHOURS. | | |
| PREVIOUS SUMMARY | 1 1 | | I. | | | OR LIFE | | |

PROPELLER SERVICE AND

| DATE | TIME | RUN | TOTAL SINCE OV | TIME ERHAUL | INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE |
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| | HRS. | MIN. | HRS. | MIN. | |
| BROUGHT FORWARD | | → | | | |
| 6-21-2024 | ACT | 1:07 | 258 | | N12745 DA-42 MT Propa |
| | | | | | inspected prop per MT Service |
| | | | | | letter Ker 8. inspected this prop |
| - | | | 3. | | in our annual inspection cend |
| | | | | | found to be in an airmorthy |
| | | | | | Condition Russell Farrell Jarris |
| | | | | | IA 2705929. |
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RECORD OF PROPELLER AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DETAILS s/1, MODS s/B, A/D, DATE **Diamend** Date: 17 March, 2008 S/N: 42.AC127 Reg: N127US Propeller LH S/N: 071237 TSN: 5.9 HRS MT-Propeller SB 1AF – Time between Overhaul of Propellers, Governors and Oil-Accumulators (TBO) 2000 HRS/72 Months – See SB For Approved Time limits/schedule, information only. MT-Propeller SB 16K – List of Mt-Propeller installations – N/A by M/N of A/C DAI-A MSB 42-024/3 (EASA-AD: 2006-0277,FAA AD 2007-12-24)–Install Prop System valve bracket –N/A due to A/C S/N.
Bi-weekly AWD check carried out to current revision 2008-The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL #55.98 Lic or Stamp Signature_