

AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

PROPELLER LOG

- 1. Make Hartzell
- 2. Model HC-C24R-IBFP
- 3. Specification Number _____
- 4. Date of Manufacture _____
- 5. Hub Serial Number CH 38279B
- 6. Blades
 - (a) Design No. F7497
 - (b) Blade Serial Numbers:
 - (1) 1269659
 - (2) 1130559
 - (3) _____
 - (4) _____
 - (5) _____
 - (c) Pitch Settings
 - (1) Basic _____
 - (2) High _____
 - (3) Low _____
 - (4) Reverse _____

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 3/25/2024 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6061.6 TSMOH: 84.8
Total Time: 11474.4

Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.



Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 3/25/2024 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6061.6 TSMOH: 84.8
Total Time: 11474.4

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.



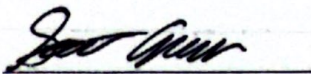
Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: ~~3/25/2024~~ ^{5/23/2024} Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6151.4 TSMOH: 174.6
Total Time: 11564.2

Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. Replaced ring gear with serviceable replacement. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.



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22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: ~~3/25/2024~~ ^{5/23/2024} Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6151.4 TSMOH: 174.6
Total Time: 11564.2

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.



Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 6/5/2024 Tail #: N38CF

Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell

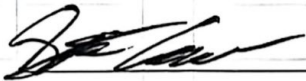
Propeller Model: HC-C2YR-IBFP

Propeller S/N: CH38279B Tach Time: 6237.4 TSMOH: 260.6

Total Time: 11650.2

Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.



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Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 6/5/2024 Tail #: N38CF

Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell

Propeller Model: HC-C2YR-IBFP

Propeller S/N: CH38279B Tach Time: 6237.4 TSMOH: 260.6

Total Time: 11650.2

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.



Scott Emmons A&P.4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 8/22/2024 Tail #: N38CF

Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell

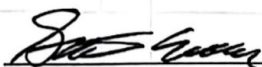
Propeller Model: HC-C2YR-IBFP

Propeller S/N: CH38279B Tach Time: 6328.0 TSMOH: 351.2

Total Time: 11740.8

Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.



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Propeller Date: 8/22/2024 Tail #: N38CF

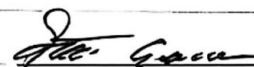
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell

Propeller Model: HC-C2YR-IBFP

Propeller S/N: CH38279B Tach Time: 6328.0 TSMOH: 351.2

Total Time: 11740.8

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.




Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 11/01/2024 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6425.4 TSMOH: 448.6
Total Time: 11838.2

Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.


Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 11/01/2024 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6425.4 TSMOH: 448.6
Total Time: 11838.2

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.



Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 1/11/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6515.7 TSMOH: 538.9
Total Time: 11628.5

Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

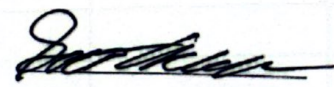
All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.


Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 1/11/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6515.7 TSMOH: 538.9
Total Time: 11628.5

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.

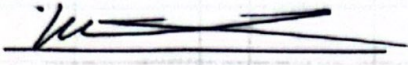

Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 2/10/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6560.1 TSMOH: 583.3
TT: 11972.9

Work Performed: Dressed all minor erosion from blade leading edges. Serviced hub with Aeroshell #5. C/W ICA on Hartzell Propeller STC SA02/476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.


William Painter A&P 31706951A

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 2/10/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6560.1 TSMOH: 583.3
TT: 11972.9

Work Performed: I certify this propeller has been serviced and inspected I/R/T a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.



William Painter A&P 31706951A

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 4/11/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6656.6 TSMO: 679.8
Total Time: 12069.4

Work Performed: Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. C/W ICA on Hartzell Propeller STC SA02/476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

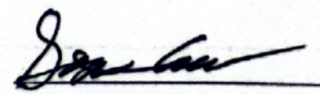
All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.


Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 4/11/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6656.6 TSMO: 679.8
Total Time: 12069.4

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.


Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 5/22/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6749.3 TSMO: 772.5
Total Time: 12069.4

Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.



Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 5/22/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6749.3 TSMO: 772.5
Total Time: 12069.4

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.



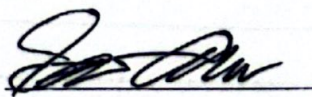
Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 7/2/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6845.2 TSMO: 868.4
Total Time: 12258.0

Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.

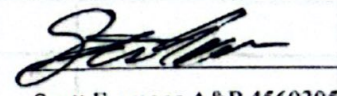


Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 7/2/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6845.2 TSMO: 868.4
Total Time: 12258.0

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.



Scott Emmons A&P 4560305


Section 4A: Propeller Service and Maintenance Record

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 8/29/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 6936.9 TSMO: 960.1
Total Time: 12349.7

Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.


All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.


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Propeller Date: 8/29/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
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Total Time: 12349.7

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Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 10/2/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 7012.7 TSMO: 1035.9
Total Time: 12425.5

Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #6. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

All work listed above was performed I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13 In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.


Scott Emmons A&P 4560305

Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

Propeller Date: 10/2/2025 Tail #: N38CF
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-IBFP
Propeller S/N: CH38279B Tach Time: 7012.7 TSMO: 1035.9
Total Time: 12425.5

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.


Scott Emmons A&P 4560305

