

THE  
**adlog**<sup>TM</sup>

AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**AIRFRAME  
MAINTENANCE  
RECORDS**



# AIRFRAME MAINTENANCE RECORDS

Aircraft Registration No. N7582V Log No. 4

Aircraft Mfg. Cessna Model 177Rg Serial No. 177Rg0873

Engine Mfg. Lycoming Model D0360A1B6D Serial No. L-22309-S1A

Engine Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Propeller Mfg. MC-CALLEY Model B2D34C207-B Serial No. 842470

Hub Design No. \_\_\_\_\_ Hub Serial No. FA018 FA029

Blade Design No. 78TCA D Blade Serial No's. ~~B55987~~ ~~B55988~~  
g 78TCA-0

Propeller Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

Blade Design No. \_\_\_\_\_ Blade Serial No's. \_\_\_\_\_

(All applicable information must be filled in)

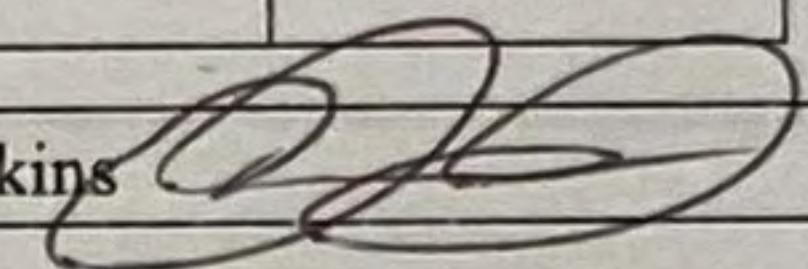
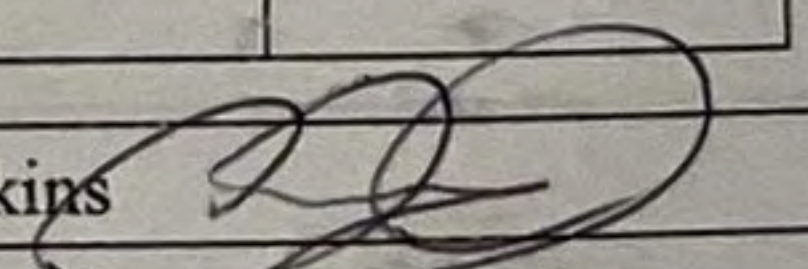


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| DATE                          | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
|-------------------------------|-----------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--|--------------------------|--|-------------|-----------------|-------------|-----------------|-------|-----|--------|-----|---|-----|--------|-----|-----|-----|--------|-----|-------|-----|--------|-----|-------|-----|--------|-----|-------|-----|--------|-----|-------|-----|--------|-----|-------|-----|--------|-----|-------|-----|--------|-----|-------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--|--|
|                               |                       |                              | <b>TOTAL</b> brought forward from previous page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
|                               |                       |                              |  <p>The Ohio State University<br/>2160 W. Case Rd. Hgr. 3<br/>Columbus, Ohio 43235<br/>CRS# IKBR028F</p> <p>Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.</p> <table border="1"> <thead> <tr> <th colspan="2">Scale Corrections for: N7582V</th> <th colspan="2">Altimeter Serial: 440800</th> </tr> <tr> <th>Test Points</th> <th>Indicator Error</th> <th>Test Points</th> <th>Indicator Error</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>-10</td><td>14,000</td><td>-80</td></tr> <tr><td>0</td><td>0</td><td>16,000</td><td>-80</td></tr> <tr><td>500</td><td>0</td><td>18,000</td><td>-80</td></tr> <tr><td>1,000</td><td>0</td><td>20,000</td><td>-80</td></tr> <tr><td>1,500</td><td>10</td><td>22,000</td><td>XXX</td></tr> <tr><td>2,000</td><td>10</td><td>25,000</td><td>XXX</td></tr> <tr><td>3,000</td><td>10</td><td>30,000</td><td>XXX</td></tr> <tr><td>4,000</td><td>10</td><td>35,000</td><td>XXX</td></tr> <tr><td>6,000</td><td>0</td><td>40,000</td><td>XXX</td></tr> <tr><td>8,000</td><td>-30</td><td>45,000</td><td>XXX</td></tr> <tr><td>10,000</td><td>-50</td><td>50,000</td><td>XXX</td></tr> <tr><td>12,000</td><td>-70</td><td></td><td></td></tr> </tbody> </table> <p>Date: 04/08/2020 Technician: Charles Jenkins </p>       | Scale Corrections for: N7582V |  | Altimeter Serial: 440800 |  | Test Points | Indicator Error | Test Points | Indicator Error | -1000 | -10 | 14,000 | -80 | 0 | 0   | 16,000 | -80 | 500 | 0   | 18,000 | -80 | 1,000 | 0   | 20,000 | -80 | 1,500 | 10  | 22,000 | XXX | 2,000 | 10  | 25,000 | XXX | 3,000 | 10  | 30,000 | XXX | 4,000 | 10  | 35,000 | XXX | 6,000 | 0   | 40,000 | XXX | 8,000 | -30 | 45,000 | XXX | 10,000 | -50 | 50,000 | XXX | 12,000 | -70 |  |  |
| Scale Corrections for: N7582V |                       | Altimeter Serial: 440800     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| Test Points                   | Indicator Error       | Test Points                  | Indicator Error                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| -1000                         | -10                   | 14,000                       | -80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 0                             | 0                     | 16,000                       | -80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 500                           | 0                     | 18,000                       | -80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 1,000                         | 0                     | 20,000                       | -80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 1,500                         | 10                    | 22,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 2,000                         | 10                    | 25,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 3,000                         | 10                    | 30,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 4,000                         | 10                    | 35,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 6,000                         | 0                     | 40,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 8,000                         | -30                   | 45,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 10,000                        | -50                   | 50,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 12,000                        | -70                   |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
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| Scale Corrections for: N7582V |                       | Altimeter Serial: 12503      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| Test Points                   | Indicator Error       | Test Points                  | Indicator Error                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| -1000                         | -20                   | 14,000                       | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 0                             | -20                   | 16,000                       | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 500                           | -20                   | 18,000                       | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 1,000                         | -20                   | 20,000                       | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 1,500                         | -20                   | 22,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 2,000                         | -20                   | 25,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 3,000                         | -20                   | 30,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 4,000                         | -25                   | 35,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 6,000                         | -20                   | 40,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 8,000                         | -10                   | 45,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 10,000                        | -10                   | 50,000                       | XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |
| 12,000                        | -10                   |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |  |                          |  |             |                 |             |                 |       |     |        |     |   |     |        |     |     |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |       |     |        |     |        |     |        |     |        |     |  |  |

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**Aero Precision Unlimited**  
1075 Pittsburgh Dr.  
Delaware Ohio 43015  
9372090962

**Make:** Textron (Cessna)  
**Model:** 177RG  
**Tail:** N7582V  
**S/N:** 177RG-0873

**Hours:** Tach Time:3142.17

Investigated owner concerns of right brake pedal soft  
Removed right brake, inspected linings, rotor and caliper. found leak at fitting on top of caliper, disassembled braked, cleaned fitting on top of caliper, re-installed brake hose and fitting, torqued fitting and brake caliper bolts.  
Bled right brake system with MIL-5606, ops checked and taxied aircraft with several hard braking episodes. No leaks noted at this time, ops check good at this time.

**Signed:** Joseph Rambosek **Cert:** AP 3761674  
**Name:** Joseph Rambosek **Date:** 07/16/2021



**Aero Precision Unlimited**  
1075 Pittsburgh Dr.  
Delaware Ohio 43015  
9372090962

**Make:** Textron (Cessna)  
**Model:** 177RG  
**Tail:** N7582V  
**S/N:** 177RG-0873

**Hours:** TT:3133.43

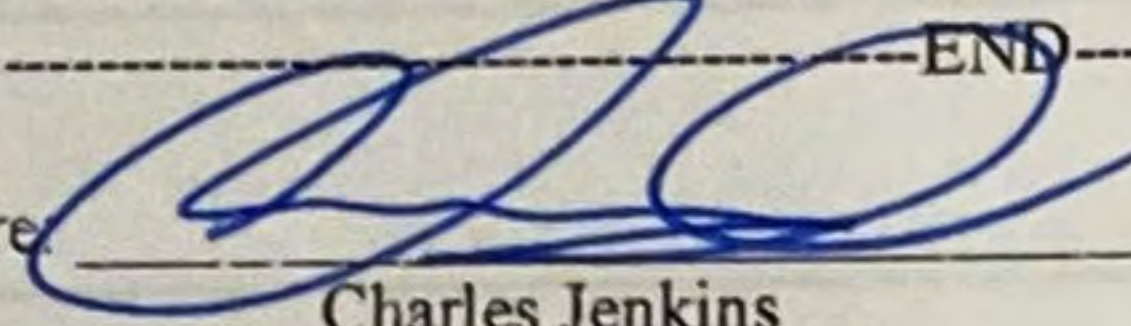
Troubleshoot INOP vacuum pump, Replaced vacuum pump with overhauled unit from aircraft spruce. P/N:AA215CC, S/N:0RCF01 with an 8130-3.  
Trouble shot Alternator high voltage light, found light light connected to vacuum pump inop light. Rewired correctly, found voltage regulator wired wrong. Voltage regulator overvoltage protection found tripped.  
Installed new Plane Power voltage regulator I/A/W instruction provided. P/N:R1224 S/N:H-V064367 with an 8130-3.  
Installed new 60 amp circuit breaker, 1 amp alternator inop light circuit breaker.  
Post maintenance ops check satisfactory at this time.

**Signed:** Joseph B. Rambosek **Cert:** AP 3761674  
**Name:** Joseph Rambosek **Date:** 09/11/2021

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| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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|      |                       |                              | <p style="text-align: center;">  <b>THE OHIO STATE UNIVERSITY AIRPORT</b><br/>           2160 West Case road<br/>           Columbus, Ohio 43235-2526<br/>           CRS# IKBR028F         </p> <p> <b>THE OHIO STATE UNIVERSITY AIRPORT</b><br/>           Date: 04/29/2022    Work Order #: AV02077    NH: 7582V<br/>           Aircraft Make/Model: CESSNA/177RG    Serial #: 177RG0873<br/>           Tach. Time: 3182.72         </p> <p><b>Airframe Log:</b></p> <ol style="list-style-type: none"> <li>Removed existing Aspen EFD internal battery (P/N:409-00003-001 S/N:163100093) and installed a new Aspen internal battery (P/N:409-00003-001 S/N:220400011) referencing Aspen EFD1000 and EFD500 Instructions for Continued Airworthiness Document 900-00012-001, Rev AE Section 14 "Removal and Replacement"</li> <li>Next replacement due date is 04/29/2026 or Tech Time 5382.72.</li> </ol> <p>The aircraft and/or component listed above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under Work Order No. AV02077</p> <p style="text-align: center;">END</p> <p>Signature:  for FAA CRS # IKBR028F<br/>Charles Jenkins</p> |



907 Aviation LLC.  
1075 Pittsburgh Dr.  
Delaware Ohio 43015  
9372090962

**Make:** Textron (Cessna)

**Model:** 177RG

**Tail:** N7582V

**S/N:** 177RG-0873

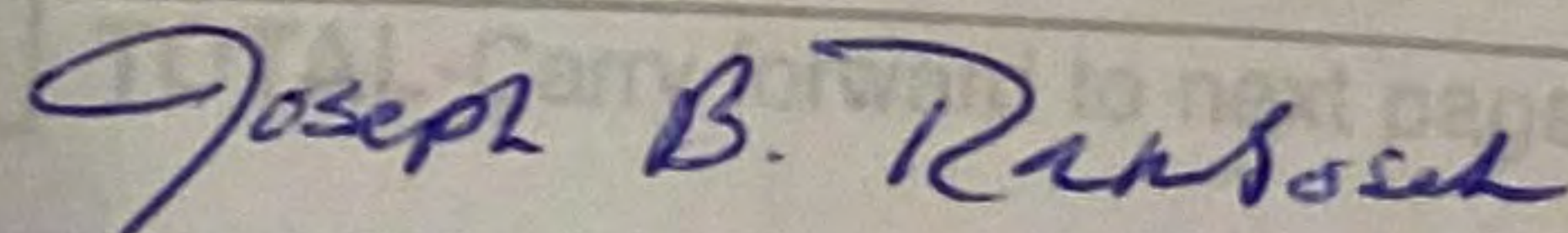
**Hours:** AC: 3209.35 TT: 3209.35 EngTT: TSMOH: 688.35 PropTT: TSPOH: 688.35 Hobbs: N/A Misc:

Performed 100 Hour/Annual inspection using Cessna 177RG MM and AC 43-13-1B as reference.

- Lubricated Airframe. Opened all inspection panels and removed fairings and cowls. All piano hinges, bell cranks, pulley's, chains, and push/pull rods lubricated per Cessna 177RG MM.
  - Alternator wire bundle clamp padding missing on motor mount. Alternator wire bundle padded clamp at motor mount replaced with new padded type clamp. Chaffe protection added to bundle under #3 Cylinder to prevent chafe against induction tube.
  - ELT Battery EXP: 12-26
  - Control Column chafes wiring bundle under panel behind center column. Center Column cover removed. Wires inspected and adjusted for clearance.
  - Duke's Electric fuel pump missing drain fitting. Replaced with AN833-2 Elbow.
  - Fuel Cap Gaskets weather checked. Left and Right Fuel cap gaskets removed and replaced with (2x) new PN: B100142-
  - Gaps in corners of induction filter airbox sealed with high-temperature RTV.
  - Aircraft jacked. Nose, left, and right MLG wheels removed. All wheel bearings removed, cleaned, inspected, repacked with grease, and reinstalled in wheels. Nose Wheel reinstalled on AC. Left MLG Tire SN: 7114S00120 removed and replaced with new Condor Tire 15x6.0-6 6 Ply SN:2233T00141 and new tube. Left and Right MLG Wheels reinstalled with new cotter pins and brake calipers reassembled. Gear Retraction test performed. Emergency extension performed. Normal at this time. Aircraft lowered from jacks, tail-stand removed.
  - Rudder Trim wheel contacts center column cover piece. Cover removed and adjusted for clearance of rudder trim wheel. Cover reinstalled.
  - Unable to service Nose Gear Torque Links. Removed from aircraft. disassembled and cleaned. Reassembled, reinstalled on aircraft, and fittings serviced with grease.
  - Vacuum Garter Filter due for replacement. Replaced with new Rapco Filter PN: RAB3-5-1.
  - Wasp Nest found in left flap and aileron. Nests removed. Access sealed.
  - Wiring under panel found pulled from connector. Wire reconnected using new 14 ga insulated butt splice.
- All AD's current and C/W as of this date.  
Small Aircraft, FAA Bi-Weekly 2022-27, 12/19/2022-01/01/2023  
I certify this aircraft has been inspected in accordance with an annual inspection and was in airworthy condition at this time.

Jeffrey Guy A&P 2147901 IA

**Name:** Joseph Rambosek



**Date:** 01/06/2023

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
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4128 40<sup>th</sup> Street S.E. • Grand Rapids, MI 49512  
 Phone: 616-974-1100 • Fax: 616-974-1111  
 F.A.A. Repair Station N3DR341N

**Aircraft Maintenance Entry**  
 Model: Cessna 177RG Serial No.: 177RG0873 Registration: N7582V  
 Tach Time: 3255.83 Hobbs: N/A Work Order: B27144

**AD 2023-02-17 paragraph 2.(h) (EDDY CURRENT INSPECTION)**

Performed Eddy Current inspections of the carry-thru spar as specified and prescribed in accordance with step 7. of the Cessna Single Engine Mandatory Service Letter SEL-57-09 R1, dated August 3, 2020.

Performed **Eddy Current** of the kick area as specified in SEL-57-09 R1, step 7.E.:

**RESULTS**

Cracks: None Found  
 Corrosion: None Found

Performed **Eddy Current** of blended areas as prescribed in SEL-57-09 R1, step 7.D.:

**RESULTS**

Cracks: None Found  
 Corrosion: None Found  
 Other Damage: None Found

All areas where corrosion was noted visually and repaired & blended as allowable per SEL-57-09 R1, steps 6.B.(1) through (7).  
 Note: If no previous corrosion was noted per step 6, record N/A

The above **Eddy Current** inspections were performed in accordance with current Federal Aviation regulations, AD 2023-02-17 paragraph 2.(h) Cessna SEL-57-09R1 step 7. (dated August 3, 2020), and AMM Chapter 2A-13-01 Nondestructive Inspection Methods and Requirements, and unless defects are noted above, only that work as described herein shall be considered for an approval for a return to service. Pertinent details of the inspection are on file at this Repair Station under Work Order: B27144

Certified Inspector: [Signature]  
 CRS Number: N3DR341N

Date: 06 MAR 2024



907 Aviation LLC.  
 1075 Pittsburgh Dr.  
 Delaware Ohio 43015  
 9372090962

Make: Textron (Cessna)  
 Model: 177RG  
 Tail: N7582V  
 S/N: 177RG-0873

Hours: Tach Time: 3255.83 AFTT: 3255.83 ETSMOH: 734.83 PTSMOH: 734.83

Performed 100 Hour/Annual inspection using Cessna 177RG MM and AC 43-13-1B as reference.  
 1. Lubricated Airframe. Opened all inspection panels and removed fairings and cowls. All piano hinges, bell cranks, pulley's, chains, and push/pull rods lubricated per Cessna 177RG MM.  
 Removed ELT, Tested in accordance with FAR 91.207 paragraph D. ELT Battery EXP: 12-26  
 5. Duke's Electric fuel pump missing drain fitting. Replaced with AN833-2 Elbow. ERROR - Done Last Year  
 Aircraft jacked. Nose, left, and right MLG wheels removed. All wheel bearings removed, cleaned, inspected, repacked with grease, and reinstalled in wheels. Gear Retraction test performed. Emergency extension performed. Normal at this time. Aircraft lowered from jacks, tail-stand removed.  
 Vacuum Garter Filter due for replacement. Replaced with new Rapco Filter PN: RAB3-5-1.  
 Landing and Taxi light wiring incorrect. Wiring corrected. New ground run to taxi light using new shielded 14 ga wire and new blade connectors.  
 Landing Light (Right Bulb) Inop PN: GE 4509 Aircraft 13V, replaced landing light.  
 Nose Gear door Left forward bracket cracked. Replaced with new bracket. Door reinstalled. Function check ok at this time. 2052009- Nose gear door hinge, Nose gear door hinge bearings S1896-4L1 (6)  
 C/W AD 11-10-09 Seat rail track assembly  
 C/W AD 23-02-17 Carry-Thru Spar Fatigue via Eddie Current inspection, Blended 2 areas of corrosion per Cessna SEL-57-09 Rev: Rev 1 NOT IN KICK AREA, Eddie current inspection conducted for a second time. Carry through spar passed inspection.

All AD's current and C/W as of this date.  
 Small Aircraft, Biweekly 2024-05, 02/26/2024-03/10/2024

I certify this aircraft has been inspected in accordance with an annual inspection and was in airworthy condition at this time.

Signed: Joseph B. Rambosek  
 Name: Joseph Rambosek

Cert: AP 3761674 IA  
 Date: 03/13/2024

[illegible]

907 Aviation LLC.  
1075 Pittsburgh Dr.  
Delaware Ohio 43015  
9372090962

**Make:** Textron (Cessna)

**Model:** 177RG

**Tail:** N7582V

**S/N:** 177RG-0873

Hours: TT: 3285.2

Alternate static control loose in panel, removed, resecured set screws and re-installed control back into panel  
Customer concerns of nose wheel shimmy, Removed shimmy damper. Re-sealed and serviced with MIL 5606.  
Reinstalled into aircraft and safety wired bolt heads  
customer requested Blackstone oil analysis. Collected and sent to Blackstone for analysis.  
Customer requested oil change w/camguard, Drained oil, cut open oil lifter and inspected for debris, nothing of notable  
size or quantity noted at this time  
Serviced engine oil with AeroShell W15W50 7 quarts and Camguard.  
Gear up indicator light bulb out, replaced with a GE330 light bulb  
Customer states fuel flows are erratic. Removed fuel flow transducer, installed a new transducer from Insight avionics,  
P/N:1000-004A-2, S/N:287129.  
Re programmed Insight G2 engine analyzer to 68,000 for the K factor per Insight instructions.

Signed: Joseph B Rambosek  
Name: Joseph Rambosek

**Cert:** AP 3761674 IA

**Date:** 08/23/2024

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| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TOTAL<br>TIME<br>IN<br>SERVICE | TACH OR<br>RECORDING<br>METER<br>TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                  | Page No. |
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|  <div>907 Aviation LLC.<br/>1075 Pittsburgh Dr.<br/>Delaware, Ohio 43015</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                |                                       | <div>Make: <u>Textron (Cessna)</u></div> <div>Model: <u>177RG</u></div> <div>Tail: <u>N7582V</u></div> <div>S/N: <u>177RG-0873</u></div> |          |
| Hours: <u>Tach Time: 3300.17 AFTT: 3300.17</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                |                                       |                                                                                                                                          |          |
| <p>Performed 100 Hour/Annual inspection using Cessna 177RG MM and AC 43-13-1B as reference.</p> <p>1. Lubricated Airframe. Opened all inspection panels and removed fairings and cowls. All piano hinges, bell cranks, pulley's, chains, and push/pull rods lubricated per Cessna 177RG MM.</p> <p>Removed ELT, Tested in accordance with FAR 91.207 paragraph D. ELT Battery EXP: 12-26</p> <p>Aircraft jacked. Nose, left, and right MLG wheels removed. All wheel bearings removed, cleaned, inspected, repacked with grease, and reinstalled in wheels. wheel bearings and cups in the left main landing gear wheel removed and replaced.</p> <p>Gear Retraction test performed. Emergency extension performed. Normal at this time. Aircraft lowered from jacks, tail-stand removed.</p> <p>Left brake master cylinder found flat on pre maintenance run up / function checks. Removed master cylinder, cleaned internals, inspected and reassembled with a new seal kit. Bled left brake system using MIL-5606.</p> <p>Vacuum Garter Filter due for replacement. Replaced with new Rapco Filter PN: RAB3-5-1.</p> <p>Removed challenger induction air filter, cleaned, serviced and reinstalled per challenger instructions from website</p> <p>C/W AD 11-10-09 Seat rail track assembly</p> <p>All AD's current and C/W as of this date.</p> <p>Small Aircraft, Biweekly 2025-01 12/30/2024-01/12/2025</p> <p>I certify this aircraft has been inspected in accordance with an annual inspection and was in airworthy condition at this time.</p> |                                |                                       |                                                                                                                                          |          |
| Signed: <u>Joseph B. Rambosek</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                |                                       | Cert: <u>AP 3761674 IA</u>                                                                                                               |          |
| Name: <u>Joseph Rambosek</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                                       | Date: <u>01/13/2025</u>                                                                                                                  |          |
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|  <div>907 Aviation LLC.<br/>1075 Pittsburgh Dr.<br/>Delaware, Ohio 43015</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                |                                       | <div>Make: <u>Textron (Cessna)</u></div> <div>Model: <u>177RG</u></div> <div>Tail: <u>N7582V</u></div> <div>S/N: <u>177RG-0873</u></div> |          |
| Hours: <u>Tach: 3316.57</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                |                                       |                                                                                                                                          |          |
| <p>Remove existing landing and taxi lights. Replace with new FAA PMA LED landing and taxi lights, PN: 01-0771833-10, 01-0771833-15.</p> <p>Jacked aircraft, removed nose strut, installed a new seal kit, P/N: MCSK172-1F, serviced strut with nitrogen and MIL-5606</p> <p>Relocate fuel flow sending unit and wrapped in fire sleeve due to fluctuations in fuel flow readings at current position. After relocation, ran aircraft and ops checked fuel flow transducer reads. Readings consistent at this time with no fluctuations.</p> <p>Installed STC SA01120SE ( Mtn. View Aviation Door stewards) per Mtn View Aviation LLC. document MVA-177C10M&amp;O.</p> <p>Revision A dated January 31, 2022.</p> <p>Form 337 completed this date and mailed. +</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                |                                       |                                                                                                                                          |          |
| Signed: <u>Joseph B. Rambosek</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                |                                       | Cert: <u>AP 3761674 IA</u>                                                                                                               |          |
| Name: <u>Joseph Rambosek</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                                       | Date: <u>06/13/2025</u>                                                                                                                  |          |
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| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
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907 Aviation LLC.  
1075 Pittsburgh Dr  
Hangar B  
Delaware, Ohio 43015

Make: Textron (Cessna)  
Model: 177RG  
Tail: N7582V  
S/N: 177RG-0873

Hours: TTAF: 3338.44 Tach: 3338.44

Performed 100 Hour/Annual inspection using Cessna 177RG MM and AC 43-13-1B as reference.  
Lubricated Airframe. Opened all inspection panels and removed fairings and cowls. All piano hinges, bell cranks, pulley's, chains, and push/pull rods lubricated per Cessna 177RG MM.  
Removed ELT, Tested in accordance with FAR 91.207 paragraph D. ELT Battery EXP: 12-26  
Aircraft jacked. Nose, left, and right MLG wheels removed. All wheel bearings removed, cleaned, inspected, repacked with grease, and reinstalled in wheels. wheel bearings and cups in the left main landing gear wheel removed and replaced.  
Gear Retraction test performed. Emergency extension performed. Normal at this time. Aircraft lowered from jacks, tail-stand removed.  
Vacuum Garter Filter due for replacement. Replaced with new Rapco Filter PN: RAB3-5-1.  
Removed challenger induction air filter, cleaned, serviced and reinstalled per challenger instructions from website  
Discrepancy: Shimmy dampener removal, reseal and installation  
Corrective Action: Removed shimmy damper, installed a new seal kit and serviced with MIL-5606. Cessna 177RG Shimmy Damper seal kit (Qty: 1)  
Discrepancy: Repair rivets around landing lights in nose lower cowling  
Corrective Action: Removed lower engine cowling, replaced rivets around landing light  
Discrepancy: Remove and replace worn nose gear door hinges  
Corrective Action: Repaired nose gear door hinges using 6061T6 Aluminum  
C/W AD 11-10-09 Seat rail track assembly  
All AD's current and C/W as of this date.  
Small Aircraft, Biweekly 2026-11 05/18/2026-05/31/2026  
I certify this aircraft has been inspected in accordance with an annual inspection and was in airworthy condition at this time.

Signed: Joseph B. Rambosek  
Name: Joseph Rambosek

Cert: AP 3761674 IA  
Date: 06/04/2026

**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 06/10/2026  
Aircraft Make/Model: CESSNA/177RG  
Tach. Time: 3341.14  
N#: 7582V  
Serial #: 177RG0873

**Airframe Log:**

1. Altimeter and static system tests required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E, para. A and B.
2. Automatic pressure altitude reporting system tested as required by FAR 91.411 in accordance with FAR 43, Appendix E, paragraph C.
3. ATC Transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F.

The aircraft and/or component listed above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under Work Order No. AV02648

|                                  |                          |                          |                      |
|----------------------------------|--------------------------|--------------------------|----------------------|
| Altimeter P/N:<br>EFD1000        | Altimeter S/N:<br>12503  | Tested to:<br>20,000 FT. | Next Due:<br>06/2028 |
| Altimeter P/N:<br>5934P-3        | Altimeter S/N:<br>44050Q | Tested to:<br>20,000 FT. | Next Due:<br>06/2028 |
| Encoder P/N:<br>SSD129-30N-RS232 | Encoder S/N:<br>18655    | Tested to:<br>20,000 FT. | Next Due:<br>06/2028 |
| Xponder P/N:<br>Narco AT150      | Xponder S/N:<br>44195    | Tested to:<br>20,000 FT. | Next Due:<br>06/2028 |

Signature: Charles Jenkins for FAA CRS # IKBR028F

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| DATE | TOTAL<br>TIME<br>IN<br>SERVICE | TACH OR<br>RECORDING<br>METER<br>TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|------|--------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|
|      |                                |                                       | <b>TOTAL</b> brought forward from previous page                                         |



907 Aviation LLC  
1075 Pittsburgh Dr  
Hangar B  
Delaware, Ohio 43015

Make: Textron (Cessna)

Model: 177RG

Tail: N7582V

S/N: 177RG-173

Hours: Tach: 3343.3

Removed electric auxiliary fuel pump P/N 4140-00-17 (Cessna P/N C291504-0101), S/N 27864. Installed overhauled electric auxiliary fuel pump P/N 4140-00-17 (Cessna P/N C291504-0101), S/N AC-423, with FAA Form 8130-3 attached. Work performed in accordance with Cessna Model 177RG Series (1976 thru 1978) Service Manual P/N D2009-4-13, Revision 4 dated 2 October 1995 (original issue 1 October 1975), Section 12 – Fuel System, Electrical Auxiliary Fuel Pump – Removal and Installation. Fuel system leak-checked. Auxiliary fuel pump operational check satisfactory. Aircraft determined to be in airworthy condition with respect to the work performed.

Replaced broken wing mounted convex mirror on underside of right wing and replaced it with STC # SA2791CE from Aero-Mach Wilco LLC. Removed existing inspection panel P/N: S225-4 and replaced it with P/N: W210106-6 from Aero-Mach Wilco LLC using existing hardware and receptacles already in wing at wing station 130.00. No weight and balance calculations needed ICA- inspect mirror and inspection plate as per AC 43.13. FAA form 337 completed and filed this date.

Signed: Joseph B. Rambossek

Cert: AP 3761674 IA

Name: Joseph Rambossek

Date: 08/25/2026

