

Make: NAVION  
Order No.: 42870  
S/N: NAV-4-2329B

Hobbs Time: 3354.00

Completed: 04/27/23  
TTAF:

Drained engine oil. Removed, cut, and inspected filter for debris and none found. I  
filter and serviced engine with Aeroshell W100 Plus oil. Run-up and leak checks co

Jonathan C Rider A&P



AEROSPACE

SPARK GAP  
RHB32E  
GAP .016"-.021"

(SEE OTHER SIDE)

FAA-PMA  
21-40-022

Cargill Aeronautical Academy

Make: NAVION

Model: NAVION B

Order No.: 43429

S/N: NAV-4-2329B

Tach Time: 3369.00

Removed bottom spark plug on #6 cylinder, tested and found to be faulty, installed new spark plug.

Borja F Arenzana A&P

White Hawk Aviation

Phone

Fax:

Brandy Station, Va. 22114

N5429K Continental IO550-B Serial number: 675101

Date: 22 January 2024 HOBBS: 3385.1 TTAF: 3385.1 TTENG: 2921.5 SMOH: 734.4

Inspected engine controls for security, freedom of movement, and travel limits. Adjusted right cowl flap. Tightened nose gear actuator. Drained oil. Removed filter screen, inspected contents, nothing found. Installed AA48109 filter and safried. Serviced with 1 lqts Aeroshell 100+. Inspected and tested plug leads. Mag timing checked ok at 22 degrees BTDC per engine data plate. Inspected all hoses, lines, fitting, and wires. Inspected intakes, exhaust, and muffler. Compression test readings 1=62/80 2=64/80 3=63/80 4=68/80 5=62/80 6=58/80. Run up, high power check, and leak checked ok. AD's searched through 2023-24.

I certify that this engine has been inspected in accordance with the scope and detail of FAR 43 appendix D for a 100hr/annual inspection and was determined to be in airworthy condition.

Kevin Woodside

|         |        |                                                                                                                  |
|---------|--------|------------------------------------------------------------------------------------------------------------------|
| 3/11/24 | 3433.2 | Replaced spark plugs off #2 cylinder. (RHB32E Champion)<br>Cleaned ALL remaining plugs check gap bet .021 & .026 |
| 3/21/24 | 3441.7 | Inspected Reattach throttle linkage w/ Castle Nut + Cotter Pin.<br>CPL                                           |
| 3/27/24 | 3448.1 | Change engine oil w/ Aeroshell 100 to PLUS 1 lqts, Remove<br>and replace oil filter. CPL                         |