

Certificate of Release to Service

Approval Reference: NL 145-1162

Aircraft type	:PA31	S/N:7812037	A/C hrs/landings	: 5002:33
LH Engine. type	:TIO-540-A2C	S/N:L-6191-61A	Engine hrs/cycles	: 1713:41
RH Engine. type	:TIO-540-A2C	S/N:L-3722-61A	Engine hrs/cycles	: 1604:16
LH Propeller type	:HC-E3YR-2ATF	S/N:DJ 9369A	Propeller hrs	: 94:05
RH Propeller type	:HC-E3YR-2ATF	S/N:DJ 11349	Propeller hrs	: 1604:16

Owner : Vredestein Hill **BVL Date: June 6th** **PH-OAL**

The following work has been accomplished i.a.w. Piper Service Manual 753 704, dated 18-02-'94 and RAS Maintenance Program, Rev 12 dated 05-05-2006:

1. 100 hrs inspection carried out.
2. 50 hrs LH & RH engine, check screen for loose rivets oil sump baffle assy p/n LW 13383 i.a.w. **Lycoming SB489A dd may 30 '90/ Add B-3**; Checked and found OK.
3. 50 hrs LH & RH engine fuel pump screw security check until renewal i.a.w. **BLA 2003-079 dd July 31 '03 / Lycoming SB529B dd June 10 '02/ Add B-35**; Checked and found OK.
4. 50 hrs LH & RH engine cowling baffle seals inspection i.a.w. **BLA94-016 dd Jan 28 '94 / Piper SB693 dd July 28 '80 / Add B-49**; Checked and found OK.
5. 50 hrs LH pneumatic pump inspection i.a.w. **OCMP/Add B-42** During run-up (see run-up sheet) (LH only) LH side installed at 4190:58 ACTT; Operation checked and found OK.
6. 100 hrs inspection of flap control system and note measurement i.a.w. **Piper SB494B dd July 17/1995, Add F-12**; LH: 2.8mm, RH: 2.6mm, limit: 5/16" (= 7.9375 mm)
7. 100 hrs air filters renewal i.a.w. **SM / Add B-28**; Replaced LH + RH filter.
8. 100 hrs fuel lines and clamps inspection i.a.w. **Lycoming SB342D /BLA2002-172 / Add B-32**; Checked and found OK.
9. 100 hrs LH lord mounts inspection i.a.w. **OCMP / Add B-50** Check cracks, rupture deterioration & flexibility; Checked and found OK
10. 100 hrs compression check LH engine i.a.w. **Lycoming SI1492C dd 14 July 2000**;
Cyl #1: 72, Cyl #2: 66, Cyl #3: 70, Cyl #4: 76, Cyl #5: 76, Cyl #6: 68 All within limits
11. 100 hrs compression check LH engine i.a.w. **Lycoming SI1492C dd 14 July 2000**;
Cyl #1: 72, Cyl #2: 76, Cyl #3: 74, Cyl #4: 76, Cyl #5: 68, Cyl #6: 75. All within limits
12. 100 hrs nose wheel bearings i.a.w. **RAS requirement**; Replaced bearings and repacked
13. **DIL**: 400 hrs engine exhaust valve inspection LH i.a.w. **SB301B SB388C, EASA AD2005-023R2**;
SB301B: Exhaust valves + springs etc inspected and found OK.
SB388C due at 5030:48 (incl extension)
14. 500 hrs inspection i.a.w. **MM**; Not due yet (Due:5038:23)
15. 1800 hrs engine mount LH i.a.w. **MM**; Not due yet. (Due:5077:46)
16. Annual BVLV inspection i.a.w. **MM**; Already carried out dd May 24, 2006, Wo 206-1267.
17. Annual / 100 hrs FWD heater i.a.w. **MM**; Not due yet, hrs now: 373.7 (Due:398:30)

PAGE: 1 of 4

We hereby certify that the work specified above except as otherwise specified was carried out in accordance with Part-145, and in respect to that work the aircraft is ready for release to service

Date	Certifying staff	GRS seq. No.:	Work order no.:
03-08-2006	R. Zee	242	206-1480

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Owner : Vredestein Hill

BVL Date: June 6th

PH-OAL

The following work has been accomplished i.a.w. Piper Service Manual 753 704, dated 18-02-'94 and RAS Maintenance Program, Rev 12 dated 05-05-2006:

18. **DIL:** LH MLG struts minor corrosion; Monitored and found acceptable for further flight until next scheduled maintenance inspection.
19. **DIL:** Some corrosion found on main spar upper cap splice bolts. Monitored and found acceptable for further flight until next scheduled maintenance inspection.
20. **DIL:** 2x Post light, 1x Co-pilot bank indicator LH lamp, 1x Co-pilot fuel pressure indicator RH lamp unserviceable; No permission from owner this inspection.
21. **DIL:** Knob seat attachment from seat 3 and 4 are missing. No permission from owner this inspection.
22. **DIL:** DME antenna cracked; Monitored and found acceptable for further flight until next scheduled maintenance inspection.
23. **DIL:** 24 monthly life vests i.a.w. OAL 76-001/7; Installed May 12, 2006. Wo 206-1300.
24. **DIL:** LH and RH nacelle fuel caps not closing properly. No permission from owner for repair this inspection.
25. **DIL:** 500 hrs manifold pressure gauge filter renewal; Renewed both sides.
26. **DIL:** Paint lower (outside) cabin door; Cosmetic only. No permission from owner this inspection.
27. **DIL:** 500 hrs NLG strut upper bearing block and retaining pins inspection and seal replacement. i.a.w. MM G-16; 10% extension given; next due at 5038:00 hrs.
28. **DIL:** 500 hrs LH + RH MLG strut upper bearing block and retaining pins and seal replacement. i.a.w. MM G-16; 10% extension given; next due at 5038:00 hrs.
29. **DIL:** BVLV 7: Due to the last aircraft re-weighing is 1988 and various items installed nihil also dirt-fod? Accumulation, re-weight required; Transferred to 500/1000 hrs inspection.
30. **DIL:** Temporary repaired cracked LH wing tip lens cover; New cover p/n 55802-16 installed.
31. Replaced bulb LH NAV light.
32. Checked Aft heater hours: 691.1 hrs.
33. Tightened loose Alt air inlet valve cable connection RH side.
34. LH brake line at wing spar corroded; Monitored and found acceptable for further flight until next scheduled maintenance inspection.
35. Adjusted RH engine magneto timing to 20° BTC.
36. Replaced leaking RH engine cylinder #5 intake seals.

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The following work has been accomplished i.a.w. Piper Service Manual 753 704, dated 18-02-'94 and RAS Maintenance Program, Rev 12 dated 05-05-2006:

37. Replaced 12x spark plug RH engine.
38. LH spinner cracked; Composite spinner (p/n: TCB43940-08, s/n 1156) installed i.a.w. STC SA 00554AT. Intern GWL 206-1480 made and filed. (FAA Form 8130-3, Form Tracking# FS2268)
39. Adjusted MLG down-lock hook cable. Performed gear check and found OK.
40. Adjusted LH engine magneto timing to 20° BTC.
41. RH wing outboard tank drain leaking; Cleaned drain.
42. Replaced rivets LH + RH wing root inspection panel reinforcement plate.
43. LH + RH brake cylinder, painted and replaced o-rings. Renewed brake fluid and bled brakes.

Deferred items:

Item 13: DIL: 400 hrs engine exhaust valve inspection LH i.a.w. SB301B SB388C, EASA AD2005-023R2; SB301B: Exhaust valves + springs etc inspected and found OK.

SB388C due at 5030:48 (incl extension)

Item 14: 500 hrs inspection i.a.w. MM; Not due yet (Due:5038:23)

Item 15: 1800 hrs engine mount LH i.a.w. MM; Not due yet. (Due:5077:46)

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Item 20: DIL: 2x Post light, 1x Co-pilot bank indicator LH lamp, 1x Co-pilot fuel pressure indicator RH lamp unserviceable; No permission from owner this inspection.

Item 21: DIL: Knob seat attachment from seat 3 and 4 are missing. No permission from owner this inspection.

Item 22: DIL: DME antenna cracked; Monitored and found acceptable for further flight until next scheduled maintenance inspection.

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RIJNMOND AIR SERVICES BV

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