

Curriculum Vitae

A.C. Lawrence (Andy)

AP # 245

1. AP since: November 2011
2. Examinations written:
 - 2.1 CATS and CARS. Pass mark 90%
 - 2.2 Avionics, Instruments and Electrics. Pass mark 80%
 - 2.3 Engines, Propellers and Fuel systems. Pass mark 86.7%
 - 2.4 Sheet metal structures. Pass mark 76%
 - 2.5 Wood, Fabric and Welded structures. Pass mark 88%
 - 2.6 General. Pass mark 95%
3. Courses attended:
 - 3.1 Alexander Sportair 2 day Fabric Covering course in the USA.
 - 3.2 Various short courses in the USA including: magneto strip and overhaul, engine management, TIG welding, Gas welding.
4. Certificates held:
 - 4.1 US Dept. of Transportation, FAA, Certificate of Training "Silver Award".
5. AP ratings held:
 - 5.1 APC2 Aeroplanes including microlights. A, C & W Repair and Maintenance certificate.
 - 5.2 Engine groups: Normally aspirated Piston, Turbo charged Piston, and Radial engines.
 - 5.3 Airframe groups: Aeroplanes, wooden construction, MTOW<5700kg, Aeroplanes, Tube & Fabric, MTOW<5700kg, Aeroplanes all metal Unpress, MTOW <5700kg.
 - 5.4 Types: Wood, Tube & Fabric and Metal Aeroplanes.
 - 5.5 Other: W: Avionics, Electrical and Instrumental equipment.
6. Projects completed:
 - 6.1 I started building my first aircraft – a Bushbaby 500 in 1998. This was a tube and fabric aircraft powered by a Rotax 912. The plane won the EAA national award for the "Best Homebuilt Tube and Fabric aircraft "in 2001.
 - 6.2 I completed my second aircraft, a RV 6 in 2007. This is an all metal aircraft equipped with a Lycoming 0360 engine and a constant speed propeller. This plane was judged the best "All metal Homebuilt" at the National EAA convention in 2007. It also won the "Concours d' Elegance" award at the same convention.

6.3 The third aircraft I built was an RV 10 completed in 2015. This aircraft is a sophisticated full IFR approved machine with complex autopilot systems and a modern glass cockpit. The aircraft won the "Grand Champion Award" the highest accolade possible at the National EAA Convention in 2016.

7. AP Inspection highlights:

During my tenure as an AP, I have overseen, mentored and inspected three aircraft builds by amateur builders from start to finish. Two of the builders were first timers. All three aircraft were test flown by myself and all three have their full ATF's and are successfully flying today. In addition I taught an amateur builder in Botswana to build an aircraft and also mentored him and inspected his project to completion. This was the first amateur built NTCA aircraft in Botswana.

Besides the regular annual inspections of various aircraft conducted by myself, I am also currently overseeing and inspecting two projects – a Nieuport II Replica which is being rebuilt, and an Isaacs Fury II build which is equipped with a Rotec Radial engine.

8. Current Projects:

I am currently rebuilding a 1947 Piper PA 12 vintage aircraft and I am also building a Murphy Renegade Biplane with a radial engine.

A handwritten signature in black ink, appearing to read 'Andy Lawrence', with a long horizontal flourish extending to the right.

Andy Lawrence
1st July 2019