**PRE-PURCHASE EVALUATION CHECKLIST**

Date: Aircraft Make & Model:

Serial No: Registration Marks:

Aircraft Cosmetic Condition:

|  |  |
| --- | --- |
| Exterior: |  |
| Yes or No | Aircraft is clean and free from damage from hail, corrosion or other dents, dings, and cracks, wrinkles or scratches. All screws, rivets and hardware are present and correct. All glass is clear and free of cracks, scratches or other imperfections. *If no, attach a list of the aircraft exterior imperfections:* |
|  |  |

|  |  |
| --- | --- |
|  |  |
| Yes or No | Aircraft appears to have been hangared |
| Yes or No | Does aircraft have cracks on wing tips, elevator tip, wheel fairings? (Be sure to check upper and lower surfaces) |
|  |  |

Yes or No

Did you remove panels to check for corrosion?

Date last painted: Complete or Touch-up

Overall condition of decals or paint rating 1-10 scale (10 being “as New”)

Interior:

Yes or No Aircraft interior surfaces are free from cracks, scratches and imperfections.

*If no, attach a list of interior imperfections.*

Date last refurbished

Overall condition rating 1-10 scale (10 being “as New”)

Aircraft Engine(s), Engine Enclosure(s) and Prop(s):

Yes or No Engine is clean and free of corrosion, flaking paint or other cosmetic imperfections and all hoses, wires, belts, baffles and hardware are correct.

*If no, attach a list of engine cosmetic imperfections.*

Yes or No Firewall is free of cracks or other signs of un-due stress or miss-use.

*If no, attach a list of Firewall imperfections.*

Yes or No Engine mounts and associated hardware are sound and free of cracks or other signs of un-due stress or misuse.

Yes or No *Propeller(s) are free of nicks, scratches or cracks and seals free of any signs of seepage or leaking. Be sure to remove spinner cycle propeller, and check prop dome!!*

Overall condition rating 1-10 scale (10 being “as New”)

Undercarriage:

Yes or No Landing gear, struts, brakes, tires and wheel fairings or gear doors are in excellent condition.

*If no, attach a list of what the undercarriage requires the following to bring it to excellent condition.*

Overall condition rating 1-10 scale (10 being “as New”)

Aircraft Systems and Operation:

Engine Check-

Compressions are as follows as per-compression check performed in compliance with FAA AC 43.13-18 Chapter 8-14.

Compression test:

Left Eng. 1. \_\_ / 80 2. \_\_/80 3. \_\_/80 4. \_\_/80 5. \_\_/80 6. \_\_/80

Right Eng.1. \_\_ / 80 2. \_\_/80 3. \_\_/80 4. \_\_/80 5. \_\_/80 6. \_\_/80

Yes or No Engine Oil and Filter are free of metal or other foreign matter after visual inspection; check by removal and cutting open the filter.

Yes or No Has the Oil Suction Screen ever been removed for cleaning?

Yes or No Engine Run Up and Systems Check find all systems in working order (if equipped with de-icing confirm operation of hot prop) and in compliance in accordance with FAA type certification data sheet and all engines monitoring equipment operational. *If no, attach a list of discrepancies found during Engine Run Up and Systems Check.*

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Avionics Systems Function Check-

Yes or No All systems are operational and databases are current. G1000 System Software current version installed with disk and Cockpit Reference guide present.

*If no, attach a list of the discrepancies found with the avionic equipment*.

Overall condition rating 1-10 scale (10 being “as New”)

Aircraft Documentation

|  |  |
| --- | --- |
|  |  |
| \_Yes \_ No | 1. Original factory installed data plate confirming serial number attached to aircraft. |
| \_Yes \_ No | 2. Registration painted on aircraft matches aircraft records? |
| / / | Date *original airworthiness certificate* issued. |
| \_Yes \_ No | 1. All flight manuals, equipment lists and operating handbooks present? |

\_Yes \_ No 2. All airframe, engine, and propeller logs original and complete?

Airframe Logbook Research

Total hours on airframe verified by logbooks.

\_Yes \_ No 1. Damage history? *If yes, attach details of incident(s) and repairs completed*.

\_Yes \_ No 2. Currently maintained under maintenance program?

Name or type of program, if any:

\_Yes \_ No 3. Maintenance status is current? If yes, major inspections due within 6 months.

*If not current, attach a list of overdue inspections.*

*\_*

Yes \_ No 4.

All mandatory AD's and SB's have been complied with?

*If no, attach list of items overdue.*

Engine Logbook Research

Manufacturer: Model: Serial Number(s):

TBO Interval Total Time(s) /

Hrs since Hot/MPI/MLI / Hrs SOH/CZI /

Cycles SNEW / SOH /

\_Yes \_ No 1. Original factory installed data plate confirming serial number(s) attached to engine(s)?

\_Yes \_ No 2. Damage history or any abnormalities listed in logs?

***If yes, atta***

***ch details of incident/entry and repairs made, etc.***

\_Yes \_ No 3.

**Inspections current and all mandatory AD's and SB's complied with?**

***If no, attach a list of overdue items.***

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. Name of Engine Program, if any (MSP,etc.) Paid through

Propeller(s) Logbook Research

Manufacturer Model Serial Number(s)

TBO Interval Hours Years

Last Overhaul Date / / Hrs since OH

Avionics Verification

\_Yes \_ No 1. Installed avionics & accessories match equipment list or specifications provided?

Annual Due Date:

IFR Certification Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ELT Battery Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fire Extinguisher Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Evaluation Comments:

Name of Evaluation Facility:

Evaluation By:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Name A&P License # and Date