**Kraemer Aviation / *Flymall.org***

**Aircraft Pre Purchase Checklist**

|  |  |
| --- | --- |
| Date:  | Aircraft Make & Model: |
| Serial Number: | Registration Number: |

**Aircraft Cosmetic Condition**

**Exterior:**

|  |  |  |
| --- | --- | --- |
| Yes | No | Does aircraft have **hail damage**? **Pay close attention to control surfaces, top of wings, horizontal stabilizer, etc.** |
| Yes | No | Aircraft is free from damage from **corrosion**, or other **dents**, **dings**, and **cracks, wrinkles, or scratches**. All rivets and hardware are present and correct. All glass is clear and free of cracks, scratches, and imperfections. **If no, list the aircraft exterior imperfections on the discrepancy list**. |
| Yes | No | Did you remove panels to check for corrosion? |
| Yes | No | Does the aircraft appear to have been hangered? |
| Yes | No | Does the aircraft have cracks on wing tips, elevator tips, or wheel fairings? |
|  |  | Date last painted? Was it a complete repaint or a touchup? |
|  |  | Rate the overall condition of decals or paint on a 1 to 10 scale (10 being “new”). |

**Interior:**

|  |  |  |
| --- | --- | --- |
| Yes | No | Aircraft interior surfaces are free from cracks, scratches, and imperfections. **If no, list the interior imperfections on the discrepancy list**. |
|  |  | Date last refurbished? |
|  |  | Overall condition rating on a 1 to 10 scale (10 being “new”). |

**Engine:**

|  |  |  |
| --- | --- | --- |
| Yes | No | Engine is clean and free of corrosion, flaking, or other cosmetic imperfections and all hoses, wires, belts, baffles, and hardware are correct. **If not, list the engine cosmetic imperfections on the discrepancy list.** |
| Yes | No | Firewall is free of cracks or other signs of un-due stress or misuse. **If not, list the firewall imperfections on the discrepancy list.** |
| Yes | No | Engine mounts and associated hardware are sound and free of cracks or other signs of undue stress or misuse. |
| Yes | No | Propeller(s) are free of nicks, scratches or cracks, and seals are free of any signs of seepage or leaking. Be sure to remove spinner, cycle propeller, and check prop dome! |
| Yes | No | Do the propeller heat boots work (if installed)? |
|  |  | Overall condition rating on a 1 to 10 scale (10 being “new”). |

**Undercarriage:**

|  |  |  |
| --- | --- | --- |
| Yes | No | Landing gear, struts, brakes, tries, and wheels fairings or gear doors are in excellent condition. **If no, list what the undercarriage requires to bring it to excellent condition (list items on the discrepancy list).** |
|  |  | Overall condition rating on a 1 to 10 scale (10 being “new”). |

**Aircraft Systems and Operation**

**Engine run:** Compressions are as follows, performed in compliance with the most current FAA AC.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | #1 | #2 | #3 | #4 | #5 | #6 |
| Left engine |  |  |  |  |  |  |
| Right engine |  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| Yes | No | Engine oil and filter are free of metal or other foreign matter after visual inspection. Check by removing and cutting the oil filter. |
| Yes | No | Has the oil suction screen ever been removed for cleaning? |
| Yes | No | Engine run up and systems check found all systems in working order and in compliance with the FAA Type Certificate Data Sheet. If equipped with de-icing, check operation of all systems. |
| Yes | No | All engine monitoring equipment is operational. **If no, list discrepancies found during engine run up and systems check on discrepancy list.** |

**Aircraft Systems and Operation**

**AMSAFE:** AMSAFE seat belts (if installed), look for dates on components underneath the seats.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| EMA dates |  |  |  |  |
| Inflator dates |  |  |  |  |

**Avionics:**

|  |  |  |
| --- | --- | --- |
| Yes | No | All systems are operational and databases are current. **If no, list discrepancies found on discrepancy list.** |
| Yes | No | G1000 system software version \_\_\_\_\_\_\_\_\_\_\_\_. Are G1000 disk and Cockpit Reference Guide present? |
|  |  | Overall condition rating on a 1 to 10 scale (10 being “new”). |

**Aircraft Documentation**

|  |  |  |
| --- | --- | --- |
| Yes | No | Original factory installed data plate confirming serial number attached to aircraft is present. |
| Yes | No | Registration painted on aircraft matches aircraft records. List the date the airworthiness certificate was issued: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  |
| Yes | No | All flight manuals, equipment list, FAA Approved Flight Manual / Pilots Operating Handbook, and weight and balance date are present. |
| Yes | No | All airframe, engine, and prop logs are original and complete. |

**Aircraft Logbook Research**

|  |  |  |  |
| --- | --- | --- | --- |
| Annual due date |  | IFR certification due date |  |
| ELT Battery due date |  | Fire extinguisher due date |  |
| Oxygen bottle age |  | Oxygen bottle hydrostatic due date |  |

**Aircraft Logbook Research - Continued**

**Airframe logs:**

|  |  |  |
| --- | --- | --- |
|  |  | Total hours on airframe verified by logbooks. |
| Yes | No | Damage history? **If yes, list details on discrepancy list.** |
| Yes | No | Is maintenance status current? If yes, list major inspections due within 6 months: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. **If not current, list overdue inspections on discrepancy list.** |
| Yes | No | All mandatory airframe ADs, and SBs have been complied with. **If not, list overdue items** on the **Mandatory Service Bulletin List.** |

**Engine logs:**

|  |  |  |
| --- | --- | --- |
| Manufacturername | Model | Serial # |
| RecommendedTBO | Total time |  |
| Time SMOH |  |  |

|  |  |  |
| --- | --- | --- |
| Yes | No | Original factory data plate installed (attached to engine) to confirm serial number. |
| Yes | No | Damage history or any abnormalities listed in logbooks? **If yes, list details and/or repairs on discrepancy list.** |
| Yes | No | Engine inspections are current and all mandatory ADs and SBs have been complied with. **If not list overdue items on Mandatory Service Bulletin List or under Discrepancy List – Airworthy items.** |

**Aircraft Logbook Research - Continued**

**Propeller logs:**

|  |  |  |
| --- | --- | --- |
| Manufacturername | Model | Serial (s) # |
| RecommendedTBO | Total time | Year of prop(s) |
| Time SMOH | Date of lastoverhaul |  |

**Avionics:**

|  |  |  |
| --- | --- | --- |
| Yes | No | Installed avionics and accessories match equipment list and provided spec sheet. |

**Name of inspection facility or inspector**:

|  |  |  |
| --- | --- | --- |
| Inspector name:(Sign & print) | A&P Certificate #: | Date: |

Overall inspection comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Discrepancy List – Airworthy items**

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**Discrepancy List – Cosmetic items**

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**Discrepancy List – Recommended**

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| Discrepancy | Price |
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**Mandatory Service Bulletin List**

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| --- | --- | --- | --- |
| Service Bulletin # | ComplianceDate | Service Bulletin # | ComplianceDate |
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