



– COMMERCIAL PILOT PRE-FLIGHT TEST –

Admission to Test

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|---|---|--|
| <input type="checkbox"/> Photo identification | <input type="checkbox"/> Valid licence | <input type="checkbox"/> Flight time – 150 hours |
| <input type="checkbox"/> Recommend letter | <input type="checkbox"/> Medical – Category 1 | <input type="checkbox"/> Written exam complete and corrected to 100% |

Pre-Test Briefing

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|--|---|
| <input type="checkbox"/> The sequence of flight test items | <input type="checkbox"/> Method of simulating emergencies |
| <input type="checkbox"/> If in doubt – ASK! | <input type="checkbox"/> Who will do what in the event of an actual emergency |
| <input type="checkbox"/> Who is pilot in command – (<i>instructor for the pre-flight test</i>) | <input type="checkbox"/> Ground references – intended touchdown zones and specific touchdown points |
| <input type="checkbox"/> How to transfer control | |

Ground Test Items

Documents and Airworthiness

- ☐ Validity of documents on board
- ☐ Ensure if the maintenance release ensures aeroplane serviceability and currency of inspection for proposed flight
- ☐ Number of hours remaining before next inspection or maintenance task
- ☐ Ensure any conditions or limitations can be complied with
- ☐ Determine the impact of deferred defects
- ☐ Explain the process for dealing with aeroplane unserviceabilities discovered during flight

Aeroplane Performance

- ☐ Demonstrate a practical knowledge of operating procedures, performance capabilities and limitations
- ☐ State from memory V_X _____, V_Y _____, V_A _____ and other essential speeds _____
- ☐ Take-off distance required to clear a 50' or existing obstacle _____
- ☐ Landing distance required to clear a 50' or existing obstacle _____
- ☐ Determine the power setting proposed for the planned enroute cruising flight and expected cruise speed KTAS and KIAS
- ☐ Calculate the available flight time with the fuel load and power settings proposed for the flight
- ☐ Final approach speed corrected for predicted landing weight

Weight and Balance

- ☐ Take-off, landing and zero-fuel weights and C of Gs in each case are within limits
- ☐ Practical knowledge of how to correct a situation when C of G or gross weight is out of limits
- ☐ Explain the effect of various C of G locations on aeroplane flight characteristics
 - Range / Endurance / Stability / Stall & Spin Recovery / Stall speed

Pre-Flight Planning Procedures

- ☐ Current aeronautical charts and flight publications
- ☐ Airspace, obstructions, terrain features and map symbols
- ☐ Obtain pertinent information about en route and destination airports
- ☐ Retrieve and interpret weather and NOTAMs
- ☐ Determine acceptability of departure and destination runways under existing or forecast conditions
- ☐ Route is safe and efficient
- ☐ Prepare contingency plans for intermediate or alternate destinations
- ☐ Select appropriate altitudes, considering weather and equipment capabilities
- ☐ Prepare a chart and navigation log, including headings / ground speed / fuel requirements / ETE / ETA
- ☐ Make a competent "GO/NO GO" decision
- ☐ ICAO flight plan
- ☐ Complete all planning within 45 minutes.
- ☐ Demonstrate practical knowledge regarding key elements of flight planning (how to determine ETA, fuel...)
- ☐ Explain correct procedures for VDF steers, emergency radar assistance and/or SVFR clearance
- ☐ VFR position report

[illegible]