

Cessna T182T – N6025F

Operating Checklist

BEFORE EXTERIOR CHECK

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| 1. Aircraft Papers (AROW) | Check |
| 2. Progressive Inspections & AD's | Current |
| 3. Transponder Inspection | Current |
| 4. ALT/Static Systems | IFR/Current |
| 5. VOR Receivers | IFR/Current |
| 6. Fire Extinguisher | Current |
| 7. Control Lock (place in pilot-side pocket) | Remove |
| 8. Avionics Master/Electrical Switches (except beacon) | OFF |
| 9. Ignition Switch | OFF/Key Out |
| 10. Master Switch | ON |
| 11. Exterior Lights (night flight only) | Check/OFF |
| 12. Fuel Quantity Gauges and Selector | Check/BOTH |
| 13. Wing Flaps | DOWN |
| 14. Annunciators (volts/vacuum/fuel/oil-flashing) | Check |
| 15. Master Switch | OFF |
| 16. Trims | SET T/O |
| 17. Fuel Shutoff | IN |
| 18. Alternate Static Source | Cycle |
| 19. Adjust Seats/Seat Backs | Check/Set |

EXTERIOR CHECK

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|-------------------------------|------------|
| 1. Left Landing Gear | Check |
| 2. Baggage Door | Check/Open |
| 3. Autopilot Static Source | Check |
| 4. Left Side Fuselage & Belly | Check |
| 5. Left Vertical Stabilizer | Check |
| 6. Left Horizontal Stabilizer | Check |
| 7. Left Elevator | Check |

8. Rudder	Check
9. Tail Tie-Down	Remove
10. Right Vertical Stabilizer	Check
11. Right Elevator & Trim	Check
12. Right Horizontal Stabilizer	Check
13. Right Side Fuselage and Belly	Check
14. Antennas	Check
15. Right Landing Gear	Check
16. Right Wing Flap	Check
17. Right Aileron	Check
18. Right Wing Tip & Lights	Check
19. Right Wing	Check
20. Right Wing Tie-Down	Remove
21. Right Wing Strut	Check
22. Right Side Air Vents	Check
23. Windshield	Check/Clean
24. Right Side Engine Cowl & Exhaust Stack	Check
25. Propeller Spinner	Check
26. Propeller	Check
27. Alternator Belt	Check
28. Nacelle Openings	Check
29. Engine Air Inlet & Filter	Check
30. Oil Sump Air Inlet	Check
31. Nose Wheel & Strut Assembly	Check
32. Cowl Flaps	Check
33. Left Side Engine Cowl	Check
34. Flight Instruments Static Port	Check
35. Left Side Air Vents	Check
36. Left Wing Tie-Down	Remove
37. Left Wing Strut	Check
38. Pitot Tube (remove cover, place in pilot-side pocket)	Remove
39. Stall Warning Orifice	Check

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|--------------------------|-------|
| 40. Fuel Air Vent | Check |
| 41. Landing/Taxi Lights | Check |
| 42. Left Wing | Check |
| 43. Left Wing Tip/Lights | Check |
| 44. Left Aileron | Check |
| 45. Left Wing Flap | Check |

AIRPLANE FLUIDS CHECK

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| 1. Baggage Compartment | Get Tools |
| 2. Left Wing Fuel Sumps (5) | Sample |
| 3. Right Wing Fuel Sumps (5) | Sample |
| 4. Belly Fuel Sump (3) | Sample |
| 5. Right Fuel Tank (use stick) | Check Quantity |
| 6. Right Fuel Tank Filler Cap | Secure |
| 7. Oil Quantity (max 8 quarts...add at 4 or below only) | Check |
| 8. Oil Dip Stick (if oil is needed, full quarts only – no partial) | Secure |
| 9. Engine Hatch | Close |
| 10. Left Fuel Tank (use stick) | Check Quantity |
| 11. Left Fuel Tank Filler Cap | Secure |
| 12. Baggage Compartment (replace tools) | Close & Lock |

ENGINE START CHECK

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|---|-----------------|
| 1. Passenger Briefing | Complete |
| 2. Charts, Plates, Logs, Runway Diagram | Review/Organize |
| 3. Seat Belts | Adjust & Fasten |
| 4. Doors & Windows | Close & Lock |
| 5. Fuel Selector Handle | BOTH |
| 6. Circuit Breakers | Check In |
| 7. Rotating Beacon | ON |
| 8. STBY Battery Switch | ON/ARM |
| 9. Avionics Switch | OFF |
| 10. Cowl Flaps | OPEN |

11. Engine Start (No fuel pump if hot)

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|--------------------|---------------------------|
| a. Mixture | RICH |
| b. Throttle | Open ¼ inch |
| c. Master Switch | ON |
| d. Propeller Area | “CLEAR” |
| e. Fuel Pump | ON UNTIL FUEL FLOW STABLE |
| f. Mixture | IDLE CUTOFF |
| g. Brakes | ENGAGE |
| h. Ignition Switch | ENGAGE |
| i. Mixture | ADVANCE |
| j. Throttle | 1,000 RPM |
| k. Oil Pressure | Check/Green |
| l. Mixture | Lean for Taxi |

BEFORE TAXI CHECKLIST

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|----------------------------------|-------------|
| 1. Avionics Master Switch | ON |
| 2. Wing Flaps | UP |
| 3. STBY Battery Switch | Check/ON |
| 4. COM & NAV Radios ATIS | ON/Set |
| 5. Barometric Pressure/Altimeter | Check/Set |
| 6. Transponder | Check/Set |
| 7. Interior/Exterior Lights | As Required |
| 8. Radio Calls | Complete |

TAXI CHECK

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|----------------|-----------------|
| 1. Brakes | Both Sets/Check |
| 2. Taxi Lights | ON |

ENGINE RUN-UP/BEFORE TAKEOFF CHECK

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| 1. Nose wheel | Straight |
| 2. Brakes | Hold/Set |
| 3. Flight Instruments (primary and standby) | Check/Set |

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| 4. Totalizer | Set |
| 5. Fuel Selector Switch | Both |
| 6. Flight Controls | Free & Correct |
| 7. Elevator Trim | Set for Takeoff |
| 8. Throttle | 1,800 RPM |
| 9. Prop | Cycle |
| 10. Engine Instruments | Green/Charging |
| 11. Magnetos (max 150rpm drop or 50rpm differential) | Check |
| 12. Alternator (min 24 volts) | Check Load Meter |
| 13. Annunciator Lights | No Warnings |
| 14. Throttle | Check for Idle the 1,000 RPM |
| 15. Friction Locks | Check |
| 16. COM & FLT PLN (GPS & VOR) Radios | Check & Set |
| 17. Transponder | Check |
| 18. Exterior Lights | ON |
| 19. Wing Flaps | Set for Takeoff |
| 20. Brakes | Release |
| 21. Radio Call (call made at runway hold short) | Complete |

CLIMB CHECK

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|-------------|-----------|
| 1. Vy | 83 KIAS |
| 2. Flaps Up | Check |
| 3. Prop | 2,400 RPM |
| 4. TIT | Monitor |

CRUISE CHECK

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|---------------|-----------------------|
| 1. Throttle | Set |
| 2. Prop | Set |
| 3. Mixture | Lean for decreased MP |
| 4. Cowl Flaps | Close |

BEFORE LANDING CHECK

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|-------------------------------------|--------------|
| 1. Landing, Strobe, & Beacon Lights | ON |
| 2. Gas/Fuel Pump | Set both/off |
| 3. Undercarriage | Fixed |
| 4. Mixture | Best Power |
| 5. Prop | High RPM |
| 6. Seatbelts | Secure |
| 7. Flaps | As required |

AFTER LANDING CHECK

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|-----------------------------|-----------|
| 1. Landing Lights & Strobes | OFF |
| 2. Flaps | UP |
| 3. COM Radio | Check/Set |
| 4. Radio Call | Complete |

ENGINE SHUTDOWN CHECK

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|---------------------------------|--------------------|
| 1. Throttle | 1000 |
| 2. Avionics Master | OFF |
| 3. Mixture | Lean/Cut Off |
| 4. Master Switch | OFF |
| 5. Ignition Switch | Off/Key Out |
| 6. STBY Avionics Switch | ON |
| 7. Hobbs Meter & Tachometer | Check/Record Times |
| 8. STBY Avionics Switch | OFF |
| 9. Control Lock/PT Cover/Chalks | Complete |
| 10. Clean Windshield | Complete |

CLOSE FLIGHT PLAN