NORMAL PROCEDURES

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INTRODUCTION

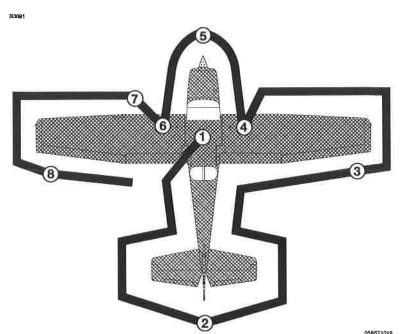
Section 4 provides procedures and amplified instructions for normal operations using standard equipment. Normal procedures associated with optional systems can be found in Section 9, Supplements.

AIRSPEEDS FOR NORMAL OPERATION

Unless otherwise noted, the following speeds are based on a maximum weight of 2550 pounds and may be used for any lesser weight.

TAKEOFF Normal Climb
ENROUTE CLIMB, FLAPS UP Normal, Sea Level. 75 - 85 KIAS Normal, 10,000 Feet 70 - 80 KIAS Best Rate of Climb, Sea Level 74 KIAS Best Rate of Climb, 10,000 Feet 72 KIAS Best Angle of Climb, Sea Level 62 KIAS Best Angle of Climb, 10,000 Feet 67 KIAS
LANDING APPROACH Normal Approach, Flaps UP
BALKED LANDING Maximum Power, Flaps 20°
MAXIMUM RECOMMENDED TURBULENT AIR PENETRATION SPEED
2550 POUNDS 105 KIAS 2200 POUNDS 98 KIAS 1900 POUNDS 90 KIAS
MAXIMUM DEMONSTRATED CROSSWIND VELOCITYTakeoff, Flaps UP.20 KNOTSTakeoff, Flaps 10°.20 KNOTSLanding, Flaps 10°.20 KNOTS

NORMAL PROCEDURES PREFLIGHT INSPECTION



NOTE

Visually check airplane for general condition during walkaround inspection. Airplane should be parked in a normal ground attitude, refer to Figure 1-1, to make sure that fuel drain valves allow for accurate sampling. Use of the refueling steps and assist handles will simplify access to the upper wing surfaces for visual checks and refueling operations. lñ cold weather. remove even accumulations of frost, ice or snow from wing, tail and control surfaces. Also, make sure that control surfaces contain no internal accumulations of ice or debris. Prior to flight, check that pitot heater is warm to touch within 30 seconds with battery and pitot heat switches on. If a night flight is planned, check operation of all lights, verify all LED landing/taxi light bulbs are operational (if installed) and make sure a flashlight is available.

Figure 4-1

① CABIN

- 1 Pitot Tube Cover REMOVE (check for pitot blockage)
- 2. Pilot's Operating Handbook ACCESSIBLE TO PILOT
- 3. Garmin G1000 Cockpit Reference Guide ACCESSIBLE TO PILOT
- Airplane Weight and Balance CHECKED
- 5. Parking Brake SET
- Control Wheel Lock REMOVE

WARNING

WHEN THE MASTER SWITCH IS ON, USING AN EXTERNAL POWER SOURCE, OR MANUALLY ROTATING THE PROPELLER, TREAT THE PROPELLER AS IF THE MAGNETOS SWITCH WERE ON. DO NOT STAND, NOR ALLOW ANYONE ELSE TO STAND, WITHIN THE ARC OF THE PROPELLER SINCE A LOOSE OR BROKEN WIRE, OR A COMPONENT MALFUNCTION, COULD CAUSE THE ENGINE TO START.

- 7. MAGNETOS Switch OFF
- 8. AVIONICS Switch (BUS 1 and BUS 2) OFF
- 9. MASTER Switch (ALT and BAT) ON
- 10. Primary Flight Display (PFD) CHECK (verify PFD is ON)
- 11. FUEL QTY (L and R) CHECK
- 12. LOW FUEL L and LOW FUEL R Annunciators CHECK (verify annunciators are not shown on PFD)
- OIL PRESSURE Annunciator CHECK (verify annunciator is shown)
- 14. LOW VACUUM Annunciator CHECK (verify annunciator is shown) (if installed)
- 15. AVIONICS Switch (BUS 1) ON
- 16. Forward Avionics Fan CHECK (verify fan is heard)

- ① CABIN (Continued)
 - 17. AVIONICS Switch (BUS 1) OFF
 - 18. AVIONICS Switch (BUS 2) ON
 - 19. Aft Avionics Fan CHECK (verify fan is heard)
 - 20. AVIONICS Switch (BUS 2) OFF
 - 21. PITOT HEAT Switch ON (carefully check that pitot tube is warm to the touch within 30 seconds)
 - 22. PITOT HEAT Switch OFF
 - 23. LOW VOLTS Annunciator CHECK (verify annunciator is shown)
 - 24. MASTER Switch (ALT and BAT) OFF
 - 25. Elevator Trim Control TAKEOFF position
 - 26. FUEL SELECTOR Valve BOTH
 - 27. ALT STATIC AIR Valve OFF (push full in)
 - 28. Fire Extinguisher CHECK (verify gage pointer in green arc)

2 EMPENNAGE

- 1. Baggage Compartment Door CHECK (lock with key)
- 2. Rudder Gust Lock REMOVE (if installed)
- 3. Tail Tiedown DISCONNECT
- 4. Control Surfaces CHECK (freedom of movement and security)
- 5. Elevator Trim Tab CHECK (security)
- 6. Antennas CHECK (security of attachment and general condition)

3 RIGHT WING Trailing Edge

- 1. Flap CHECK (security and condition)
- 2. Aileron CHECK (freedom of movement and security)

4 RIGHT WING

- Landing/Taxi Light(s) CHECK (condition and cleanliness of cover) (If installed)
- 2. Wing Tiedown DISCONNECT
- 3. Main Wheel Tire CHECK (proper inflation and general condition (weather checks, tread depth and wear, etc.))
 - Fuel Tank Sump Quick Drain Valves DRAIN

 Drain at least a cupful of fuel (using sampler cup) from each sump location to check for water, sediment, and proper fuel grade before each flight and after each refueling. If water is observed, take further samples until clear and then gently rock wings and lower tail to the ground to move any additional contaminants to the sampling points. Take repeated samples from all fuel drain points until all contamination has been removed. If contaminants are still present, refer to WARNING below and do not fly airplane.

NOTE

Collect all sampled fuel in a safe container. Dispose of the sampled fuel so that it does not cause a nuisance, hazard or damage to the environment.

WARNING

IF, AFTER REPEATED SAMPLING, EVIDENCE OF CONTAMINATION STILL EXISTS, THE AIRPLANE SHOULD NOT BE FLOWN. TANKS SHOULD BE DRAINED AND SYSTEM PURGED BY QUALIFIED MAINTENANCE PERSONNEL. ALL EVIDENCE OF CONTAMINATION MUST BE REMOVED BEFORE FURTHER FLIGHT.

- 5. Fuel Quantity CHECK VISUALLY (for desired level)
- Fuel Filler Cap SECURE and VENT CLEAR

(5) NOSE

 Fuel Strainer Quick Drain Valve (located on bottom of fuselage) -DRAIN

Drain at least a cupful of fuel (using sampler cup) from valve to check for water, sediment, and proper fuel grade before each flight and after each refueling. If water is observed, take further samples until clear and then gently rock wings and lower tail to the ground to move any additional contaminants to the sampling points. Take repeated samples from all fuel drain points, including the fuel reservoir and fuel selector, until all contamination has been removed. If contaminants are still present, refer to WARNING below and do not fly the airplane.

NOTE

Collect all sampled fuel in a safe container. Dispose of the sampled fuel so that it does not cause a nuisance, hazard, or damage to the environment.

WARNING

IF, AFTER REPEATED SAMPLING, EVIDENCE OF CONTAMINATION STILL EXISTS, THE AIRPLANE SHOULD NOT BE FLOWN. TANKS SHOULD BE DRAINED AND SYSTEM PURGED BY QUALIFIED MAINTENANCE PERSONNEL. ALL EVIDENCE OF CONTAMINATION MUST BE REMOVED BEFORE FURTHER FLIGHT.

- 2. Engine Oil Dipstick/Filler Cap:
 - a. Oil level CHECK
 - b. Dipstick/filler cap SECURE

NOTE

Do not operate with less than 5 quarts. Fill to 8 quarts for extended flight.

- 3. Engine Cooling Air Inlets CHECK (clear of obstructions)
- 4. Propeller and Spinner CHECK (for nicks and security)
- 5. Air Filter CHECK (for restrictions by dust or other foreign matter)

- **⑤ NOSE** (Continued)
 - 6. Nosewheel Strut and Tire CHECK (proper inflation of strut and general condition of tire (weather checks, tread depth and wear, etc.))
 - 7. Static Source Opening (left side of fuselage) CHECK (verify opening is clear)

6 LEFT WING

- 1. Fuel Quantity CHECK VISUALLY (for desired level)
- 2. Fuel Filler Cap SECURE and VENT CLEAR
- 3. Fuel Tank Sump Quick Drain Valves DRAIN

Drain at least a cupful of fuel (using sampler cup) from each sump location to check for water, sediment, and proper fuel grade before each flight and after each refueling. If water is observed, take further samples until clear and then gently rock wings and lower tail to the ground to move any additional contaminants to the sampling points. Take repeated samples from all fuel drain points until all contamination has been removed. If contaminants are still present, refer to WARNING below and do not fly airplane.

NOTE

Collect all sampled fuel in a safe container. Dispose of the sampled fuel so that it does not cause a nuisance, hazard, or damage to the environment.

WARNING

IF, AFTER REPEATED SAMPLING, EVIDENCE OF CONTAMINATION STILL EXISTS, THE AIRPLANE SHOULD NOT BE FLOWN. TANKS SHOULD BE DRAINED AND SYSTEM PURGED BY QUALIFIED MAINTENANCE PERSONNEL. ALL EVIDENCE OF CONTAMINATION MUST BE REMOVED BEFORE FURTHER FLIGHT.

4. Main Wheel Tire - CHECK (proper inflation and general condition (weather checks, tread depth and wear, etc.))

DEFT WING Leading Edge

- 1. Fuel Tank Vent Opening CHECK (blockage)
- 2. Stall Warning Opening CHECK (blockage)

NOTE

To check the system, place a clean handkerchief over the vent opening and apply suction; a sound from the warning horn will confirm system operation.

- 3. Wing Tiedown DISCONNECT
- Landing/Taxi Light(s) CHECK (condition and cleanliness of cover)

8 LEFT WING Trailing Edge

- 1. Aileron CHECK (freedom of movement and security)
- 2. Flap CHECK (security and condition)

BEFORE STARTING ENGINE

- 1. Preflight Inspection COMPLETE
- 2. Passenger Briefing COMPLETE
- 3. Seats and Seat Belts ADJUST and LOCK (verify inertia reel locking)
- 4. Brakes TEST and SET
- 5. Circuit Breakers CHECK IN
- 6. Electrical Equipment OFF
- 7. AVIONICS Switch (BUS 1 and BUS 2) OFF

CAUTION

THE AVIONICS SWITCH (BUS 1 AND BUS 2) MUST BE OFF DURING ENGINE START TO PREVENT POSSIBLE DAMAGE TO AVIONICS.

- 8. FUEL SELECTOR Valve BOTH
- 9. FUEL SHUTOFF Valve ON (push full in)

STARTING ENGINE (With Battery)

- 1. Throttle Control OPEN 1/4 INCH
- 2. Mixture Control IDLE CUTOFF (pull full out)
- 3. STBY BATT Switch:
 - a. TEST (hold for 10 seconds, verify that green TEST lamp does not go off)
 - b. ARM (verify that PFD comes on)
- Engine Indicating System CHECK PARAMETERS (verify no red X's through ENGINE page indicators)
- 5. BUS E Volts CHECK (verify 24 VOLTS minimum shown)
- 6. M BUS Volts CHECK (verify 1.5 VOLTS or less shown)
- 7. BATT S Amps CHECK (verify discharge shown (negative))
- 3. STBY BATT Annunciator CHECK (verify annunciator is shown)
- 9. Propeller Area CLEAR (verify that all people and equipment are at a safe distance from the propeller)
- 10. MASTER Switch (ALT and BAT) ON
- 11. BEACON Light Switch ON

NOTE

If engine is warm, omit priming procedure steps 12 thru 14 below.

- 12. FUEL PUMP Switch ON
- 13. Mixture Control SET to FULL RICH (full forward) until stable fuel flow is indicated (approximately 3 to 5 seconds), then set to IDLE CUTOFF (full aft) position.
- 14. FUEL PUMP Switch OFF
- 15. MAGNETOS Switch START (release when engine starts)
- 16. Mixture Control ADVANCE SMOOTHLY TO RICH (when engine starts)

NOTE

If the engine is primed too much (flooded), place the mixture control in the IDLE CUTOFF position, open the throttle control 1/2 to full, and engage the starter motor (START). When the engine starts, advance the mixture control to the FULL RICH position and retard the throttle control promptly.

STARTING ENGINE (With Battery) (Continued)

- 17. Oil Pressure CHECK (verify that oil pressure increases into the GREEN BAND range in 30 to 60 seconds)
- 18. AMPS (M BATT and BATT S) CHECK (verify charge shown (positive))
- 19. LOW VOLTS Annunciator CHECK (verify annunciator is not shown)
- 20. NAV Light Switch ON as required
- 21. AVIONICS Switch (BUS 1 and BUS 2) ON

STARTING ENGINE (With External Power)

- 1. Throttle Control OPEN 1/4 INCH
- 2. Mixture Control IDLE CUTOFF (pull full out)
- STBY BATT Switch:
 - a. TEST (hold for 10 seconds, verify green TEST lamp does not go off)
 - b. ARM (verify that PFD comes on)
- 4. Engine Indication System CHECK PARAMETERS (verify no red X's through ENGINE page indicators)
- 5. BUS E Volts CHECK (verify 24 VOLTS minimum shown)
- 6. M BUS Volts CHECK (verify 1.5 VOLTS or less shown)
- 7. BATT S Amps CHECK (verify discharge shown (negative))
- 8. STBY BATT Annunciator CHECK (verify annunciator is shown)
- 9. AVIONICS Switch (BUS 1 and BUS 2) OFF
- 10. MASTER Switch (ALT and BAT) OFF
- 11. Propeller Area CLEAR (verify that all people and equipment are at a safe distance from the propeller)
- 12. External Power CONNECT (to ground power receptacle)
- 13. MASTER Switch (ALT and BAT) ON
- 14. BEACON Light Switch ON
- 15. M BUS VOLTS CHECK (verify that approximately 28 VOLTS is shown)

NOTE

- If engine is warm, omit priming procedure steps 16 thru 18.
- 16. FUEL PUMP Switch ON

STARTING ENGINE (With External Power) (Continued)

- 17. Mixture Control SET to FULL RICH (full forward) until stable fuel flow is indicated (approximately 3 to 5 seconds), then set to IDLE CUTOFF (full aft) position.
- 18. FUEL PUMP Switch OFF
- 19. MAGNETOS Switch START (release when engine starts)
- 20. Mixture Control ADVANCE SMOOTHLY TO RICH (when engine starts)

NOTE

If the engine is primed too much (flooded), place the mixture control in the IDLE CUTOFF position, open the throttle control 1/2 to full, and engage the starter motor (START). When the engine starts, advance the mixture control to the FULL RICH position and retard the throttle control promptly.

- 21. Oil Pressure CHECK (verify oil pressure increases into the GREEN BAND range in 30 to 60 seconds)
- 22. Power REDUCE TO IDLE
- 23. External Power DISCONNECT FROM GROUND POWER (latch external power receptacle door)
- 24. Power INCREASE (to approximately 1500 RPM for several minutes to charge battery)
- 25. AMPS (M BATT and BATT S) CHECK (verify charge shown (positive))
- 26. LOW VOLTS Annunciator CHECK (verify annunciator is not shown)
- 27. Internal Power CHECK
 - a. MASTER Switch (ALT) OFF
 - b. Taxi and Landing Lights

For Airplanes Equipped With HID Landing/Taxi Lights

(1) TAXI and LAND Light Switches - ON

For Airplanes Equipped With LED Landing/Taxi Lights

- (1) LAND Switch ON
- c. Throttle Control REDUCE TO IDLE
- d. MASTER Switch (ALT and BAT) ON
- e. Throttle Control INCREASE (to approximately 1500 RPM)

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STARTING ENGINE (With External Power) (Continued)

- f. M BATT Ammeter CHECK (verify battery charging, amps positive)
- g. LOW VOLTS Annunciator CHECK (verify annunciator is not shown)

WARNING

IF M BATT AMMETER DOES NOT SHOW POSITIVE CHARGE (+ AMPS), OR LOW VOLTS ANNUNCIATOR DOES NOT GO OFF, REMOVE THE BATTERY FROM THE AIRPLANE AND SERVICE OR REPLACE THE BATTERY BEFORE FLIGHT.

- 28. NAV Light Switch ON (as required)
- 29. AVIONICS Switch (BUS 1 and BUS 2) ON

BEFORE TAKEOFF

- 1. Parking Brake SET
- 2. Pilot and Passenger Seat Backs MOST UPRIGHT POSITION
- 3. Seats and Seat Belts CHECK SECURE
- 4. Cabin Doors CLOSED and LOCKED
- 5. Flight Controls FREE and CORRECT
- 6. Flight Instruments (PFD) CHECK (no red X's)
- 7. Altimeters:
 - a. PFD (BARO) SET
 - b. Standby Altimeter SET
- 8. ALT SEL SET
- 9. Standby Flight Instruments CHECK (if Standby Flight Instrument installed, CHECK no red X's (except for heading) and unit's backup battery status)
- 10. Fuel Quantity CHECK (verify level is correct)

NOTE

Flight is not recommended when both fuel quantity indicators are in the yellow band range.

- 11. Mixture Control RICH
- 12. FUEL SELECTOR Valve SET BOTH

BEFORE TAKEOFF (Continued)

- Autopilot ENGAGE (if installed) (push AP button on either PFD or MFD bezel)
- Flight Controls CHECK (verify autopilot can be overpowered in both pitch and roll axes)
- A/P TRIM DISC Button PRESS (if installed) (verify autopilot disengages and aural alert is heard)
- 16. Flight Director OFF (if installed)
 (push FD button on either PFD or MFD bezel)
- 17. Elevator Trim Control SET FOR TAKEOFF
- 18. Throttle Control 1800 RPM
 - MAGNETOS Switch CHECK (RPM drop should not exceed 175 RPM on either magneto or 50 RPM differential between magnetos)
 - b. VAC Indicator CHECK (if installed)
 - c. Engine Indicators CHECK
 - d. Ammeters and Voltmeters CHECK
- 19. Annunciators CHECK (verify no annunciators are shown)
- 20. Throttle Control CHECK IDLE
- 21. Throttle Control 1000 RPM or LESS
- 22. Throttle Control Friction Lock ADJUST
- 23. COM Frequency(s) SET
- 24. NAV Frequency(s) SET
- 25. FMS/GPS Flight Plan AS DESIRED

NOTE

GPS availability and status can be checked on AUX-GPS STATUS page.

26. XPDR - SET

BEFORE TAKEOFF (Continued)

27. CDI Softkey - SELECT NAV SOURCE

WARNING

- THE G1000 HSI SHOWS A COURSE DEVIATION INDICATOR FOR THE SELECTED GPS, NAV 1 OR NAV 2 NAVIGATION SOURCE. THE G1000 HSI DOES NOT PROVIDE A WARNING FLAG WHEN A VALID NAVIGATION SIGNAL IS NOT BEING SUPPLIED TO THE INDICATOR. WHEN A VALID NAVIGATION SIGNAL IS NOT BEING SUPPLIED, THE COURSE DEVIATION BAR (D-BAR) PART OF THE INDICATOR IS NOT SHOWN ON THE HSI COMPASS CARD. THE MISSING D-BAR IS CONSIDERED TO BE THE WARNING FLAG.
- WHEN THE AUTOPILOT IS ENGAGED IN NAV, APR OR BC OPERATING MODES, IF THE HSI NAVIGATION SOURCE IS CHANGED MANUALLY. USING THE CDI SOFTKEY OR SBAS UNAVAILABLE DURING A LP APPROACH (PRIOR TO FAF), THE NAVIGATION SIGNAL TO THE AUTOPILOT WILL BE INTERRUPTED AND CAUSE THE AUTOPILOT TO REVERT TO ROL MODE AURAL ALERT OPERATION. NO WILL PROVIDED. IN ROL MODE, THE AUTOPILOT WILL ONLY KEEP THE WINGS LEVEL AND WILL NOT CORRECT THE AIRPLANE HEADING OR COURSE. SET THE HDG BUG TO THE CORRECT HEADING AND VERIFY/SELECT THE CORRECT NAVIGATION SOURCE ON THE HSI BEFORE ENGAGING THE AUTOPILOT IN ANY OTHER OPERATING MODE.
- 28 CABIN PWR 12V Switch OFF (if installed)
- 29. Wing Flaps UP 10° (10° preferred)
- 30. Cabin Windows CLOSED and LOCKED
- 31. STROBE Light Switch ON
- 32, Brakes RELEASE

TAKEOFF

NORMAL TAKEOFF

- 1. Wing Flaps UP 10° (10° preferred)
- 2. Throttle Control FULL (push full in)
- 3. Mixture Control RICH (above 3000 feet pressure altitude, lean for maximum RPM)
- 4. Elevator Control LIFT NOSEWHEEL AT 55 KIAS
- 5. Climb Airspeed 70 80 KIAS
- 6. Wing Flaps RETRACT (at safe altitude)

SHORT FIELD TAKEOFF

- 1. Wing Flaps 10°
- 2. Brakes APPLY
- 3. Throttle Control FULL (push full in)
- 4. Mixture Control RICH (above 3000 feet pressure altitude, lean for maximum RPM)
- 5. Brakes RELEASE
- 6. Elevator Control SLIGHTLY TAIL LOW
- 7. Climb Airspeed 56 KIAS (until all obstacles are cleared)
- 8. Wing Flaps RETRACT SLOWLY (when airspeed is more than 60 KIAS)

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ENROUTE CLIMB

- 1. Airspeed 70 85 KIAS
- 2. Throttle Control FULL (push full in)
- 3. Mixture Control RICH (above 3000 feet pressure altitude, lean for maximum RPM)

NOTE

For maximum performance climb speeds, refer to Section 5, Figure 5-6, Maximum Rate of Climb at 2550 Pounds.

CRUISE

- 1. Power 2100 2700 RPM (no more than 75% power recommended)
- 2. Elevator Trim Control ADJUST
- 3. Mixture Control LEAN (for desired performance or economy)
- 4. FMS/GPS REVIEW and BRIEF (OBS/SUSP softkey operation for holding pattern procedure (IFR))

DESCENT

- 1. Power AS DESIRED
- Mixture ADJUST (if necessary to make engine run smoothly)
- 3. Altimeters:
 - a. PFD (BARO) SET
 - b. Standby Altimeter SET
- ALT SEL SET
- CDI Softkey SELECT NAV SOURCE
- 6. FMS/GPS REVIEW and BRIEF (OBS/SUSP softkey operation for holding pattern procedure (IFR))

WARNING

- THE G1000 HSI SHOWS A COURSE DEVIATION INDICATOR FOR THE SELECTED GPS, NAV 1 OR NAV 2 NAVIGATION SOURCE. THE G1000 HSI DOES NOT PROVIDE A WARNING FLAG WHEN A VALID NAVIGATION SIGNAL IS NOT BEING SUPPLIED TO THE INDICATOR. WHEN A VALID NAVIGATION SIGNAL IS NOT BEING SUPPLIED, THE COURSE DEVIATION BAR (D-BAR) PART OF THE INDICATOR IS NOT SHOWN ON THE HSI COMPASS CARD. THE MISSING D-BAR IS CONSIDERED TO BE THE WARNING FLAG.
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- 7. FUEL SELECTOR Valve BOTH
- 8. Wing Flaps AS DESIRED (UP 10° below 110 KIAS)

(10° - FULL below 85 KIAS)

BEFORE LANDING

- 1. Pilot and Passenger Seat Backs MOST UPRIGHT POSITION
- Seats and Seat Belts SECURED and LOCKED
- 3. FUEL SELECTOR Valve BOTH
- 4. Mixture Control RICH
- 5. LAND and TAXI Light Switches ON
- 6. Autopilot OFF (if installed)
- 7. CABIN PWR 12V Switch OFF (if installed)

LANDING

NORMAL LANDING

- 1. Airspeed 65 75 KIAS (Flaps UP)
- 2. Wing Flaps AS DESIRED (UP 10° below 110 KIAS)

(10° - FULL below 85 KIAS)

- 3. Airspeed 60 70 KIAS (Flaps FULL)
- Elevator Trim Control ADJUST
- 5. Touchdown MAIN WHEELS FIRST
- Landing Roll LOWER NOSEWHEEL GENTLY
- 7. Braking MINIMUM REQUIRED

SHORT FIELD LANDING

- 1. Airspeed 65 75 KIAS (Flaps UP)
- 2. Wing Flaps FULL
- 3. Airspeed 61 KIAS (until flare)
- 4. Elevator Trim Control ADJUST
- 5. Power REDUCE TO IDLE (as obstacle is cleared)
- 6. Touchdown MAIN WHEELS FIRST
- 7. Brakes APPLY HEAVILY
- 8. Wing Flaps UP

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LANDING (Continued)

BALKED LANDING

- 1. Throttle Control FULL (push full in)
- 2. Wing Flaps RETRACT to 20°
- 3. Climb Speed 60 KIAS
- Wing Flaps 10° (as obstacle is cleared), then UP (after reaching a safe altitude and 65 KIAS)

AFTER LANDING

- 1. Wing Flaps UP
- 2. STROBE Light Switch OFF
- 3. LAND Light Switch OFF
- 4. TAXI Light Switch AS DESIRED

SECURING AIRPLANE

- 1. Parking Brake SET
- 2. TAXI Light Switch OFF
- 3. Throttle Control IDLE (pull full out)
- 4. Electrical Equipment OFF
- 5. AVIONICS Switch (BUS 1 and BUS 2) OFF
- 6. Mixture Control IDLE CUTOFF (pull full out)
- 7. MAGNETOS Switch OFF
- 8. MASTER Switch (ALT and BAT) OFF
- 9. STBY BATT Switch OFF
- 10. Control Lock INSTALL
- 11. FUEL SELECTOR Valve LEFT or RIGHT (to prevent crossfeeding between tanks)