

AA-5A Checklist version 1.1a		NORMAL PROCEDURES		AA-5A Checklist version 1.1a		NORMAL PROCEDURES	
PNF	PF	PNF	PF	PNF	PF	PNF	PF
<b>BEFORE START CHECKLIST</b> 1. PREFLIGHT INSPECTION .... DONE 2. SEATS & BELTS ..... ADJUSTED 3. PITCH TRIM ..... SET FOR T.O. 4. PARKING BRAKE ..... AS REQ'D 5. AVIONICS ..... OFF 6. ELECTRICAL EQUIP ..... OFF 7. CIRCUIT BREAKERS ... CHECKED 8. BATT / ALT'RMASTER ..... ON 9. LIGHTS ..... AS REQ'D 10. STARTUP CLERANCE` OBTAINED		<b>BEFORE TAKEOFF CHECKLIST</b> 1. PARKING BRAKE ..... AS REQ'D 2. CLOCK ..... SET 3. FLIGHT INST ..... SET / CHECKED 4. COM / NAV ..... Check SET 5. ENG INST / FUEL QUANT CHECKED 6. FLAPS ..... SET / VERIFIED 7. CIRCUIT BREAKERS ... CHECKED 8. PITCH TRIM ..... CHECK FOR T.O. 9. FUEL SELECTOR . FULLEST TANK ----- 1800 RPM ----- 10. MIXT / CARB HEAT ... SET / CYCLE 11. MAGS ..... L/R / BOTH (125-50) 12. ALT'R AM MTR CYCLE / CHECKED 13. SUCTION ..... (4.6 - 5.4) POSSITIVE ----- 1000 RPM ----- 14. SEATS/BELTS ..... SECURED 15. CANOPY ..... SECURED 16. PARKING BRAKE ..... RELEASED		<b>CRUISE CHECKLIST</b> 1. AUX FUEL PUMP ..... CHECK OFF 2. POWER ..... 2200 -2700 RPM 3. MIXTURE .PEAK EGT (-50° F RICH)		<b>AFTER LANDING CHECKLIST CLEAR OF RUNWAY</b> 1. FLAPS ..... UP/ VERIFIED 2. MIXTURE ..... SET FOR TAXI 3. CARB HEAT ..... OFF 4. AUX FUEL PUMP ..... OFF 5. TRANSPONDER ..... STANDBY 6. PITOT HEATER ..... OFF 7. LIGHTS ..... AS REQ'D	
<b>STARTING ENGINE CHECKLIST</b> 1. FUEL SELECTOR.. FULLEST TANK 2. MIXTURE ..... RICH 3. THROTTLE ..... SET 4. CARB HEAT ..... OFF 5. PRIMER ..... AS REQ'D / LOCKED 6. FUEL PUMP ..... ON -CKECK & OFF 7. PROP AREA ..... CLEAR 8. MAGNETO'S / CONTACTS ..... ON 9. STARTER ..... ENGAGED 10. RPM ..... 800-1200 RPM 11. OIL PRESSURE ..... POSITIVE 12. AMMETER ... POSITIVE (STARTER DISENGAGED) 13. SUCTION .... ( 4.6 – 5.4 ) POSITIVE		<b>TAKEOFF BRIEFING</b>		<b>APPROACH &amp; WX BRIEFING</b>		<b>SHUT DOWN CHECKLIST</b> 1. THROTTLE ..... 1200RPM 2. AVIONICS ..... OFF 3. ELECT EQUIP / LIGHTS ..... OFF 4. MIXTURE ..... IDLE CUT OFF 5. IGN START SWITCH ..... OFF 6. BATT / ALT'RMASTER ..... OFF 7. TRIM ..... RESET T.O. 8. PARKING BRAKE ..... AS REQ'D 9. CONTROLS ..... SECURED 10. SHUTS ..... SET 11. PAPERWORK ..... DONE	
<b>AFTER START CHECKLIST</b> 1. AVIONICS ..... ON & SET 2. TRANSPONDER ..... SBY 3. FLAPS ..... UP / VERIFIED 4. MIXTURE ..... SET FOR TAXI 5. PARKING BRAKE ..... RELEASED		<b>TAKEOFF CHECKLIST</b> 1. AUX FUEL PUMP ..... ON 2. MIXTURE ..... SET FOR T.O. 3. TRANSPONDER ..... ON/ALT 4. LIGHTS ..... AS REQ'D 5. PITOT HEATER ..... AS REQ'D 6. CLEARANCE ..... OBTAINED		<b>DESCENT APPROACH CHECK</b> 1. APPROACH PLATE .... REVIEWED 2. COMM / NAV ..... SET 3. COMPASS ..... CHECKED 4. LIGHTS ..... AS REQ'D 5. MIXTURE ..... SET 6. AUX FUEL PUMP ..... ON 7. FUEL SELECTOR FULLEST TANK 8. CARB HEAT ..... AS REQ'D		<b>BEFORE LANDING CHECKLIST</b> 1. FLAPS ..... AS REQ'D 2. LIGHTS ..... AS REQ'D 3. CLEARANCE ..... OBTAIN 4. AIRSPEED ..... 60 - 70 KTS	
<b>TAXI CHECKLIST</b> 1. BRAKES ..... CHECKED 2. CONTROLS ..... FREE / CORRECT 3. FLIGHT INSTRUMENTS CHECKED		<b>1000' AFTER T.O. CHECKLIST</b> 1. ENGINE TEMP ..... CHECKED 2. MIXTURE RPM ..... SET 3. AUX FUEL PUMP ..... OFF 4. LANDING LIGHTS ..... OFF 5. AIRSPEED ..... 85 KIAS (RECMD)					

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**ERRATIC AIRSPEED OR ALTIMETER-VVI INDICATIONS**

1. PITOT HEAT ..... ON  
**IF STILL ERRATIC**
2. VVI ..... BREAK GLASS (IMC ONLY)

**AMMETER INDICATES DISCHARGE (VOLTAGE LIGHT ILUM)**

1. ALT'R CIRCUIT BRAKER ..... PULL
2. ALT'R MASTER SWITCH ... CYCLE
3. AMMETER / LIGHT ..... CYCLE  
IF ALT'R DOES NOT RESET
4. ALT'R MASTER ..... OFF
5. ELECTRICAL LOAD ..... AS REQ'D
6. ATC ..... INFORM

**CANOPY OPEN IN FLIGHT**

1. AIRSPEED ..... REDUCE
2. ATC ..... INFORM

EXECUTE NORMAL LANDING

**ENGINE FIRE DURING START**

1. ING START SW . HOLD ENGAGED  
*IF ENGINE STARTS / FIRE EXT:*
2. THROTTLE ..... 1700 RPM (1MIN)
3. MIXTURE ..... IDLE CUTOFF
4. AIRCRAFT ..... ABANDON  
*IF ENGINE DOES NOT START:*
5. ENGINE CRANKING .... CONTINUE
6. MIXTURE ..... IDLE CUTOFF
7. THROTTLE ..... FULL OPEN
8. FUEL SELECTOR ..... OFF
9. BATT / ALT'RMASTER ..... OFF
10. AIRCRAFT ..... ABANDON

**ENGINE FIRE DURING TAXI**

1. MIXTURE ..... IDLE CUTOFF
2. BRAKES ..... AS REQ'D
3. FUEL SELECTOR ..... OFF
4. ATC (time permitting) ..... INFORM
5. BATT / ALT'RMASTER ..... OFF
6. AIRCRAFT ..... ABANDON

**ENGINE FIRE DURING FLIGHT**

1. MIXTURE ..... IDLE CUTOFF
2. FUEL SELECTOR ..... OFF
3. ATC (time permitting) ..... INFORM
4. IGN START SW ..... OFF
5. BATT / ALT'RMASTER ..... OFF
6. CABINE HEAT /AIR ..... CLOSE
7. AIRSPEED ..... 72KTS MIN  
*IF FIRE CONTINUES:*
8. FLAPS ..... UP
9. AIRSPEED ..... V<sub>NE</sub>  
**EXECUTE FORCED LANDING**

**ELECTRICAL SMOKE / FIRE**

1. BATT / ALT'RMASTER ..... OFF
2. ELECT SWITCHES ..... OFF
3. AVIONICS ..... OFF
4. CABINE HEAT /AIR ..... OFF  
*IF FIRE / SMOKE EXTINGUISHED:*
5. VENTS WINDOWS ..... OPEN
6. CABIN ..... VENTILATE
7. BATT / ALT'RMASTER ..... ON
8. ELECT EQUIP/AVIONICSAS REQ'D

**ABRUPT /SUSTAINED EXCESSIVE RATE OF CHARGE**

1. ALT'R MASTER ..... OFF
2. ALT'R CB's ..... PULL
3. ELECTRICAL LOAD ..... AS REQ'D

**ENGINE FAILURE OR UNSAFE CONDITION /RWY REMAINING**

1. THROTTLE ..... CLOSE
2. BRAKES ..... MAXIMUM
3. FUEL VALVE ..... OFF
4. BATTERY & ALT, ALT & FUEL BOOST SWITCHES ..... OFF
5. MAGNETO/START SWITCH ..... OFF
6. ATC ..... INFORM

**ENGINE FAILURE AFTER T.O. CRITICAL ALTITUDE**

1. LANDING AREA ..... SELECT
2. AIRSPEED ..... 72 KTS
3. ATC (time permitting) ..... INFORM

**ENGINE FAILURE IN FLIGHT / TIME & ALTITUDE AVAILABLE**

1. LANDING AREA .... ESTABLISHED
2. AIRSPEED ..... 72 KTS
3. FLAPS ..... UP / VERIFIED  
RESTART PROCEDURE:
4. FUEL SELECTOR ..... BOTH
5. MIXTURE ..... RICH
6. THROTTLE ..... MID/POS
7. CARB HEAT ..... ON
8. PRIMER ..... IN & LOCKED
9. MAGNETOS ..... L/R BOTH  
*BEFORE LANDING:*
10. TRANSPONDER ..... 7700
11. ATC ..... INFORM
12. FUEL SELECTOR ..... OFF
13. MIXTURE ..... IDLE CUTOFF
14. IGN START SW ..... OFF
15. FLAPS ..... AS REQ'D
16. BATT /ALT'R MASTER ..... OFF
17. DOORS ..... Unlatched AS REQ'D

**EMERGENCY DESCENT**

1. THROTTLE ..... CLOSE
2. FLAPS ..... UP / VERIFIED
3. AIRSPEED ..... V<sub>NE</sub>
7. ATC ..... INFORM

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