

BE – 36 N 39AD		NORMAL PROCEDURES		BE – 36 N 39AD		NORMAL PROCEDURES	
PNF	PF	PNF	PF	PNF	PF	PNF	PF
<b>BEFORE START CHECKLIST</b> 1. EXT. INPECTION ..... COMPLETED 2. GEAR SELECTOR.....DOWN 3. PAPERS ..... ON BOARD 4. FUEL SELECTOR.. FULLEST TANK 5. DOOR & SEATBELTS LOCKED&ON 6. PARKING BRAKE ..... AS REQ'D 7. PITCH TRIM ..... SET FOR T.O. (6) 8. MIXTURE ..... IDLE.CUT.OFF 9. AVIONICS ..... OFF 10. CIRCUIT BREAKERS ..... CHECKED 11. MAGNETO SWITCHES.....OFF 12. ELECTRICAL EQUIPM.....OFF 13. BATT&ALT/ MASTER SWITCH.. ON 14. FUEL QTY ..... CHECKED 15. LIGHTS (beacon)..... AS REQ'D		<b>AFTER START CHECKLIST</b> 1. AVIONICS .....ON&SET 2. TRANSPONDER ..... SBY 3. AMMETER & VOLT ...RE-CHECKED 4. GYROS .....SET 5. FLAPS .....UP / VERIFIED 6. COWL FLAPS ..... OPEN 7. MIXTURE ..... SET FOR TAXI 8. TAXI LIGHTS ..... ON 9. PARKING BRAKE ..... RELEASED <b>TAXI CHECKLIST</b> 1. BRAKES ..... CHECKED 2. CONTROLS .....FREE & CORRECT 3. FLIGHT INSTRUMENTS .CHECKED		<b>TAKEOFF BRIEFING</b>		<b>DESCENT &amp; APPROACH CHECKLIST</b> 1. WX ..... REVIEWED 2. APPROACH PLATE ..... REVIEWED 3. COMM / NAV ..... SET 4. ALT MTR ..... SET/VERIFIED 5. COWL FLAPS .....CLOSED 6. FUEL SELECTOR ...FULLEST TANK 7. MIXTURE ..... RICH or AS REQ'D 8. POWER..... SET 9. COMPASS /GYRO..... CHECKED 10. LANDING LIGHTS .. ON or as REQ'D	
<b>STARTING ENGINE CHECKLIST</b> 1. THROTTLE FULL COURSE .... OPEN 2. MIXTURE .....RICH 3. FUEL PUMP ON /PRESS. PEAKS OFF 4. MIXTURE .....IDLE.CUT.OFF 5. THROTTLE ½ Inch.....OPEN 6. PROP AREA ..... CLEAR 7. MAGNETOS&STARTER .ENGAGED 8. MIXTURE ..... RICH 9. RPM .....1000 -1200 RPM 10. OIL PRESSURE (min 30psi)POSITIVE 11. AMMETER&BUS VOLT ... POSITIVE 12. SUCTION . (4.3-5,9 in HG) POSITIVE		<b>BEFORE TAKEOFF CHECKLIST</b> 1. PARKING BRAKE..... AS REQ'D 2. CLOCK .....SET 3. FLIGHT INSTR ..... SET / CHECKED 4. COM / NAV .....SET&IDENT 5. ENG INST / FUEL QUANT CHECKED 6. FLAPS .....VERIFIED / SET FOR T.O. 7. PITCH TRIM .. CHECK SET FOR T.O. 8. FUEL SELECTOR ...FULLEST TANK ----- 1700 RPM ----- 9. MIXTURE..... RICH 10. MAGS .....L/R / BOTH (125-50) 11. PROPELLER ..... CHECK (Exercise at 1700 RPM to obtain 400 drop) 12. PROPELLER ..... HIGH RPM 13. AL'TR AMMETER CYCLE/CHECKED 14. SUCTION..... POSITIVE ----- 1000 ( IDLE) ----- 15. AMMETER &VOLT ...RE-CHECKED 16. DOORS/WINDOWS .....SECURED 17. SEATS/BELTS .....SECURED 18. PARKING BRAKE ..... RELEASED		<b>TAKEOFF CHECKLIST</b> 1. COWL FLAPS..... OPEN 2. MIXTURE ..... SET FOR T.O. 3. TRANSPONDER .....ON/ALT 4. PITOT DE ICE ..... ON 5. LIGHTS ..... AS REQ'D 6. GYROS/ALTMTR .. CHECK ON RWY 7. RPM/MP/FF ..... FINAL CHECK		<b>1000' AFTER T.O. CHECKLIST</b> 1. GEAR / FLAPS .....CHECKED UP 2. CLIMB POWER.....2500 RPM 25" MP 3. ENGINE TEMP ..... CHECKED 4. MIXTURE ..... SET 5. FUEL FLOW/ CYL.TEMP CHECKED 6. COWL FLAPS..... OPEN or as REQ'D 7. LANDING LIGHTS . OFF or as REQ'D 8. AIRSPEED .... +/- 100 KIAS (RECMD)	
© 1998 - 2005 W. v. GENK ATP-CFII For Professional Pilot Training REV 1 / 1		<b>CRUISE CHECKLIST</b> 1. POWER .....2300 RPM 22" MP 2. MIXTURE PEAK EGT (-75° Rich side) 3. FUEL FLOW/TEMP .. SET/VERIFIED 4. COWL FLAPS...CLOSED or as REQ'D 5. COMPASS /GYRO .....CHECKED		<b>APPROACH BRIEFING</b>		<b>BEFORE LANDING CHECKLIST</b> 1. LANDING-GEAR ... DOWN (3 greens) 2. FLAPS ..... AS REQ'D 3. AIR SPEED..... +/- 90 KTS 4. PROPELLER ..... FULL FORWARD 5. CLEARANCE .....OBTAINED	
				<b>AFTER LANDING CHECKLIST</b> 1. TRANSPONDER ..... STANDBY 2. PITOT HEATER ..... OFF 3. FLAPS ..... UP/ VERIFIED 4. COWL FLAPS .....OPEN 5. MIXTURE ..... SET FOR TAXI 6. LIGHTS ..... AS REQ'D		<b>SHUT DOWN CHECKLIST</b> 1. PARKING BRAKE ..... AS REQ'D 2. FUEL BOOST PUMP VERIFIED OFF 3. AVIONICS ..... OFF 4. ELECT EQUIP / LIGHTS ..... OFF 5. THROTTLE ..... 1200RPM 6. MIXTURE ..... IDLE CUT OFF 7. IGN START SWITCH ..... OFF 8. BATT / ALT'RMASER ..... OFF 9. COWL FLAPS ..... CLOSED 10. TRIM ..... RESET T.O. 11. CONTROLS ..... SECURED 12. KEY ..... REMOVED	

Remark: This checklist is meant for multi crew instrument training only and can never be used as a substitution for the original instructions, checklist, or owners manual of the constructor of the aircraft.

**ERRATIC AIRSPEED OR ALTIMETER--VVI INDICATIONS**

- PITOT HEAT ..... ON
- VVI ..... BREAK GLASS (IMC ONLY)

**IF STILL ERRATIC**

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

- ALT'R CIRCUIT BRAKER ..... PULL
- ALT'R MASTER SWITCH ..... CYCLE
- AMMETER / LIGHT ..... CYCLE IF ALT'R DOES NOT RESET
- ALT'R MASTER ..... OFF
- ELECTRICAL LOAD ..... AS REQ'D
- ATC ..... INFORM

**DOOR OPEN IN FLIGHT**

- AIRSPEED ..... REDUCE
- ATC ..... INFORM

EXECUTE NORMAL LANDING

**ENGINE FIRE DURING START**

- ING START SW ....HOLD ENGAGED
- IF ENGINE STARTS / FIRE EXT:
- THROTTLE ..... 2000 RPM (1MIN)
- MIXTURE ..... IDLE CUTOFF
- FUEL BOOST PUMP ..... **OFF**
- AIRCRAFT ..... ABANDON\*
- \*(IF ENGINE DOES NOT START):
- ENGINE CRANKING ..... CONTINUE
- THROTTLE ..... FULL OPEN
- FUEL SELECTOR ..... OFF
- BATT / ALT'RMASTER ..... OFF
- AIRCRAFT ..... ABANDON

**ENGINE FIRE DURING TAXI**

- MIXTURE ..... IDLE CUTOFF
- FUEL BOOST PUMP ..... **OFF**
- BRAKES ..... AS REQ'D
- FUEL SELECTOR ..... OFF
- ATC (time permitting) ..... INFORM
- BATT / ALT'RMASTER ..... OFF
- AIRCRAFT ..... ABANDON

**ENGINE FIRE DURING FLIGHT**

- FUEL SELECTOR ..... OFF
- MIXTURE ..... IDLE CUTOFF
- PROPELLER ..... FULLY FORWARD
- FUEL BOOST PUMP ..... **OFF**
- CABINE AIRCTRL ..... PULL OFF
- DEFROST VALVE ..... PUSH OFF
- ATC (time permitting) ..... INFORM
- IGN START SW ..... **OFF**
- BATT / ALT'RMASTER ..... **OFF**
- AIRSPEED ..... 95- 105 KTS
- FLAPS ..... UP
- AIRSPEED ..... V<sub>NE</sub>
- GEAR DOWN ..... MANUALLY

**EXECUTE FORCED LANDING**

**ELECTRICAL SMOKE / FIRE**

- BATT / ALT'RMASTER ..... OFF
- ELECT SWITCHES ..... OFF
- AVIONICS ..... OFF
- CABINE AIR/DEFROST ..... OFF
- IF FIRE / SMOKE EXTINGUISHED:
- VENTS WINDOWS ..... OPEN
- CABIN ..... VENTILATE
- BATT / ALT'RMASTER ..... ON
- ELECT EQUIP/AVIONICS .AS REQ'D

**ABRUPT /SUSTAINED EXCESSIVE RATE OF CHARGE**

- ALT'R & MASTER ..... OFF
- ALT'R CIRCUIT BRAKERS ..... PULL
- ELECTRICAL LOAD ..... AS REQ'D

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

- THROTTLE ..... CLOSE
- BRAKES ..... MAXIMUM
- FUEL VALVE ..... OFF
- BATTERY & ALT, ALT & FUEL BOOST SWITCHES ..... OFF
- MAGNETO/START SWITCH ..... OFF
- ATC ..... INFORM

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

- LANDING AREA ..... SELECT
- GEAR ..... DOWN CHECKED
- AIRSPEED ..... 79 KTS
- ATC (time permitting) ..... INFORM
- FLAPS ..... AS REQ'D

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

- LANDING AREA ..... ESTABLISHED
- GEAR ..... DOWN CHEKED
- AIRSPEED ..... 79 KTS
- FLAPS ..... UP / VERIFIED
- RESTART PROCEDURE:
- FUEL SELECTOR ..... BOTH
- MIXTURE ..... RICH
- THROTTLE ..... MID/POS
- FUEL PUMP ..... ON
- MAGNETOS ..... L/R BOTH
- BEFORE LANDING:
- TRANSPONDER ..... 7700
- ATC ..... INFORM
- FUEL SELECTOR ..... OFF
- MIXTURE ..... IDLE CUTOFF
- IGN START SW ..... OFF
- FLAPS ..... AS REQ'D
- BATT /ALT'R MASTER ..... OFF
- DOORS ..... Unlatched AS REQ'D

**EMERGENCY DESCENT**

- THROTTLE ..... CLOSE
- FLAPS ..... UP / VERIFIED
- AIRSPEED ..... 135 KTS-V<sub>NE</sub>
- GEAR ..... DOWN CHEKED
- ATC ..... INFORM

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