

COCKPIT CHECKLIST

| | |
|----------------------|----------------------------|
| Preflight inspection | COMPLETED |
| A/C doc & papers | ABOARD |
| Seat & seatbelts | FASTENED |
| Cabin doors | CLOSED & LOCKED |
| Circuit breakers | CHECKED |
| Avionic master | OFF |
| Fuel pump | OFF |
| Magneto switch | OFF |
| Battery & alternator | ON |
| Landing gear | DOWN/GREEN |
| Fuel selectors | ON |
| Fuel quantity | CHECKED |

COCKPIT CHECKLIST COMPLETED

BEFORE START CHECKLIST

| | |
|---------------|-------------|
| Beacon | ON |
| Parking brake | SET |
| Cowl flaps | OPEN |

BEFORE START CL COMPLETED

STARTING ENGINE LIST 1+2

| | |
|------------------------|-------------------|
| Mixture/Throttle | RICH/OPEN |
| Propeller | HIGH RPM |
| Magnetos | ON |
| Primer (POH / t) | ON |
| Throttle | CLOSE |
| Propeller area | CLEAR |
| Ignition switch+Primer | START |
| Throttle | 1000 RPM |
| Oil pressure | CHECK |
| Alternators / lights | ON / CHECK |
| Suction | CHECK |

ENGINE START LIST COMPLETED

AFTER START CHECKLIST

| | |
|---------------------|--------------|
| Avionic master | ON |
| Radio & nav setting | SET |
| Gyro | SET |
| Altimeter | SET |
| Annunciator panel | CLEAR |

AFTER START CL COMPLETED

TAXI CHECKLIST

| | |
|--------------------|----------------------------|
| Alternate air | OFF |
| Man.Press Lines | DRAIN |
| Taxi light | ON |
| Brakes | CHECKED |
| Flight instruments | CHECKED |
| Flight controls | FREE & CORRECT |
| Wing flaps | CHECKED AND SET |
| Fuel selectors | ON & CROSS FEED |

TAXI CL COMPLETED

ENGINE RUN-UP LIST

| | |
|------------------------|--------------------|
| Parking brake | SET |
| Engine instruments | IN LIMITS |
| Elevator & rudder trim | SET FOR T/O |
| Prop control | CHECK FEATH |
| Throttle | 1900 RPM |
| -Magnetos | CHECK |
| -Propeller | CHECK |
| -Suction | CHECK |
| Throttle | 1000 RPM |

ENGINE RUN-UP LIST COMPL.

TAKE OFF BRIEFING

| | |
|----------------------------|------------------|
| Type of take off/ runway | -/- |
| Departure route / altitude | -/- |
| V _R | 66 KIAS |
| Emergency briefing | PERFORMED |

BEFORE T/O CHECKLIST

| | |
|-------------------|------------------|
| Engine run up | COMPLETED |
| Mixture | RICH |
| Wing flaps | SET |
| Fuel selectors | ON |
| Gyro | CHECKED |
| Nav setting | COMPLETED |
| Take off briefing | COMPLETED |

BEFORE T/O COMPLETED

CLEARED FOR T/O CHECKLIST

| | |
|-----------------------|----------------|
| Transponder | ALT |
| Gyro | CHECKED |
| Engine gauges | GREEN |
| Strobe/landing lights | ON |
| Pitot heat | ON |

CLEARED FOR T/O CL COMPL.

AFTER T/O CHECKLIST

| | |
|--------------------------|---------------|
| Landing gear | UP |
| Flaps | UP |
| Cowl flaps | AS REQ |
| Power (31 inch/2450 rpm) | SET |
| Landing/taxi lights | OFF |
| Altimeters cross check | SET |

AFTER T/O CL COMPLETED

APPROACH CHECKLIST

| | |
|------------------------------------|------------------|
| ATIS | CHECKED |
| Altimeters 1 u. 2 | SET QNH |
| Fuel selectors | ON |
| Mixture | RICH |
| Gyro | CHECKED |
| DA/MDA | -/- |
| MAP (MAPT) | REBRIEF |
| V _{REF} /V _{TGT} | 83/- |
| Approach briefing | COMPLETED |

APPROACH CL COMPLETED

FINAL CHECKLIST

| | |
|-----------------------|---------------------|
| Flaps | SET |
| Propeller | FULL FORWARD |
| Landing gear | DOWN/GREEN |
| Landing / taxi lights | ON |

FINAL CHECKLIST COMPLETED

AFTER LANDING CHECKLIST

| | |
|-----------------------|-----------------|
| Wx-Radar | OFF |
| Strobe/landing lights | OFF |
| Pitot heat | OFF |
| Transponder | STAND BY |
| Cowl flaps | OPEN |
| Flaps | UP |
| Trims | NEUTRAL |

AFTER LANDING CL COMPLETED

PARKING & SHUTDOWN LIST

| | |
|------------------------|-----------------|
| Parking brake | SET |
| Avionic master | OFF |
| Throttle (2 min cool.) | 1000 RPM |
| Mixture | CUT OFF |
| Magnetos | OFF |
| All switches & lights | OFF |
| Battery & alternator | OFF |
| Controllock | INSTALL |

PARK. & SHUTDOWN LIST COMPL.

OPERATIONAL DATAS

| | |
|------------------|----------------------------------------|
| GPS-PW | MGUA |
| V _{NE} | 195 KIAS |
| V _{NO} | 163 KIAS |
| V _A | 135 KIAS AT 4250 lbs |
| | 121 KIAS AT 3068 lbs |
| V _{MC} | 66 KIAS |
| V _{FE} | 138 KIAS FOR 10° FLAPS |
| | 121 KIAS FOR 25° |
| | 107 KIAS FOR 40° |
| V _{LO} | 129 KIAS |
| M _{SE} | 89 KIAS |
| V _{LE} | 129 KIAS |
| V _R | 66 KIAS |
| V _X | 76 KIAS |
| V _Y | 89 KIAS |
| V _{S0} | 60 KIAS AT 4250 lbs |
| V _{S1} | 63 KIAS AT 4250 lbs |
| V _{REF} | 83 KIAS |
| V _{TGT} | V_{REF}+1/2 WIND + GUST |

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