

<b>COCKPIT CHECKLIST</b>	
Preflight inspection	<b>COMPLETED</b>
A/C doc & papers	<b>ABOARD</b>
Seat & seatbelts	<b>CHECKED</b>
Cabin doors	<b>CLOSED &amp; LOCKED</b>
Circuit breakers	<b>CHECKED</b>
Avionic master	<b>OFF</b>
Fuel pump	<b>OFF</b>
Magneto switch	<b>OFF</b>
Battery & alternator	<b>ON</b>
Landing gear	<b>DOWN/GREEN</b>
Fuel selector valve	<b>BOTH</b>
Fuel quantity	<b>CHECKED</b>
<b>COCKPIT CHECKLIST COMPLETED</b>	

<b>BEFORE START CHECKLIST</b>	
Beacon	<b>ON</b>
Parking brake	<b>SET</b>
Cowl flaps	<b>OPEN</b>
<b>BEFORE START CL COMPLETED</b>	

<b>STARTING ENGINE LIST</b>	
Carburetor heat	<b>COLD</b>
Propeller	<b>HIGH RPM</b>
Mixture	<b>RICH</b>
Propeller area	<b>CLEAR</b>
Throttle	<b>PUMP ONCE OR TWICE</b>
Ignition switch	<b>START</b>
Throttle	<b>1000 RPM</b>
Oil pressure	<b>CHECK</b>
Low voltage light	<b>CHECK</b>
Suction	<b>CHECK</b>
<b>ENGINE START LIST COMPLETED</b>	

<b>AFTER START CHECKLIST</b>	
Avionic master	<b>ON</b>
Radio & nav setting	<b>SET</b>
Gyro	<b>SET</b>
Altimeter	<b>SET</b>
Clock	<b>SET</b>
<b>AFTER START CL COMPLETED</b>	

<b>TAXI CHECKLIST</b>	
Taxi light	<b>ON</b>
Brakes	<b>CHECKED</b>
Flight instruments	<b>CECKED</b>
Flight controls	<b>FREE &amp; CORRECT</b>
Wing flaps	<b>CHECKED AND SET</b>
<b>TAXI CL COMPLETED</b>	

<b>ENGINE RUN-UP LIST</b>	
Parking brake	<b>SET</b>
Engine instruments	<b>IN LIMITS</b>
Elevator & rudder trim	<b>SET FOR TO</b>
Throttle	<b>1800 RPM</b>
-Magnetos	<b>CHECK</b>
-Propeller	<b>CHECK</b>
-Carburetor heat	<b>CHECK</b>
-Suction	<b>CHECK</b>
Throttle	<b>1000 RPM</b>
<b>ENGINE RUN-UP LIST COMPL.</b>	

<b>TAKE OFF BRIEFING</b>	
Type of take off/ runway	<b>-/-</b>
Departure route / altitude	<b>-/-</b>
V <sub>R</sub>	<b>55 KIAS</b>
Emergency briefing	<b>PERFORMED</b>

<b>BEFORE T/O CHECKLIST</b>	
Engine run up	<b>COMPLETED</b>
Magnetos	<b>BOTH</b>
Mixture	<b>RICH</b>
Carburetor heat	<b>COLD</b>
Elevator & rudder trim	<b>SET FOR T/O</b>
Wing flaps	<b>SET</b>
Fuel selector	<b>BOTH</b>
Doors & windows	<b>CLOSED</b>
Gyro	<b>SET</b>
Nav setting	<b>COMPLETED</b>
Take off briefing	<b>COMPLETED</b>
<b>BEFORE T/O COMPLETED</b>	

<b>CLEARED FOR T/O CHECKLIST</b>	
Transponder	<b>ALT</b>
Strobe/landing lights	<b>ON</b>
Pitot heat	<b>ON</b>
Gyro	<b>CHECKED</b>
<b>CLEARED FOR T/O CL COMPL.</b>	

<b>AFTER T/O CHECKLIST</b>	
Landing gear	<b>UP</b>
Flaps	<b>UP</b>
Power (25 inch/2500 rpm)	<b>SET</b>
Landing/taxi lights	<b>OFF</b>
Altimeters	<b>SET</b>
<b>AFTER T/O CL COMPLETED</b>	

<b>APPROACH CHECKLIST</b>	
Fuel selector valve	<b>BOTH</b>
Mixture	<b>RICH</b>
Carburetor heat	<b>.....</b>
Gyro	<b>CHECKED</b>
Altimeters	<b>SET</b>
V <sub>REF</sub> /V <sub>TGT</sub>	<b>-/-</b>
Approach briefing	<b>COMPLETED</b>
<b>APPROACH CL COMPLETED</b>	

<b>FINAL CHECKLIST</b>	
Flaps	<b>SET</b>
Propeller	<b>FULL FORWARD</b>
Landing gear	<b>DOWN/GREEN</b>
Landing / taxi lights	<b>ON</b>
<b>FINAL CHECKLIST COMPLETED</b>	

<b>AFTER LANDING CHECKLIST</b>	
Transponder	<b>STAND BY</b>
Carburetor heat	<b>OFF</b>
Flaps	<b>UP</b>
Strobe/landing lights	<b>OFF</b>
Pitot heat	<b>OFF</b>
Trims	<b>NEUTRAL</b>
Cowl flaps	<b>OPEN</b>
<b>AFTER LANDING CL COMPLETED</b>	

<b>PARKING &amp; SHUTDOWN LIST</b>	
Parking brake	<b>SET</b>
Avionic master	<b>OFF</b>
Throttle	<b>1000 RPM</b>
All switches & lights	<b>OFF</b>
Mixture	<b>CUT OFF</b>
Battery & alternator	<b>OFF</b>
Controllock	<b>INSTALL</b>
<b>PARK. &amp; SHUTDOWN LIST COMPL.</b>	

**OPERATIONAL DATAS**

V <sub>NE</sub>	<b>164 KIAS</b>
V <sub>NO</sub>	<b>145 KIAS</b>
V <sub>A</sub>	<b>106 KIAS AT 1199 kg</b>
	<b>98 KIAS AT 1021 kg</b>
	<b>89 KIAS AT 839 kg</b>
V <sub>FE</sub>	<b>130 KIAS FOR 10° FLAPS</b>
	<b>100 KIAS FOR 10°-30°</b>
V <sub>LO</sub>	<b>140 KIAS</b>
V <sub>LE</sub>	<b>164 KIAS</b>
V <sub>R</sub>	<b>55 KIAS</b>
V <sub>X</sub>	<b>68 KIAS</b>
V <sub>Y</sub>	<b>84 KIAS</b>
V <sub>CC</sub>	<b>90 KIAS</b>
V <sub>REF</sub>	<b>63 KIAS</b>
V <sub>TGT</sub>	<b>V<sub>REF</sub>+1/2 WIND + GUST</b>