

5.6 Preflight Checklist (Detailed)

Before each flight the pilot in command of the flight should conduct a preflight inspection to assure that the aircraft is in a safe condition for flight. The following is a detailed description of a suggested procedure for such a preflight inspection. The pilot in command is encouraged to develop his or her own inspection routine to suit their own individual aircraft configuration and needs. The following is only a suggested guide.

For convenience this suggested procedure starts at the left side of the front or nose wheel and proceeds rearward, around and back to the right front side of the nose wheel examining each point along the way. This is a detailed description of suggested procedure. An abbreviated checklist will be repeated afterwards which can be used as a checklist in the field to remind the pilot of what items are suggested to be covered in the preflight inspection.

Nose wheel, Brake and ground steering.

Check for security of the nose wheel on it's axle with nut secure, security of wheel fork and pivot bolt, brake mechanism secure and operating, centering springs OK, steering arm secure. Wheel and steering turn freely.

Left Hand flight steering foot bar, steering line, pulley and trim system.

Check that foot bar is secure, pivots freely, steering line in good order, pullies in good order and trim system secure, moves freely and in proper takeoff position.

Instrument Pod, instruments, switches, displays.

Check that instrument pod is secure, all instruments and switches secure, switches in safe position before engine startup.

Front ground steering .

Check for proper range of steering and check all nuts and bolts.

Front seat & belts left hand side.

Check that front seat and seat belts are securely fastened to airframe.