



**LIGHT SPORT AND AMATEUR-BUILT
AIRCRAFT ASSOCIATION OF NAMIBIA**

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AIRCRAFT INSPECTION LIST

| | AIRCRAFT | ENGINE | | PROPELLER | |
|--------|----------|--------|--|-----------|--|
| | | TYPE | | TYPE | |
| | | SER NO | | SER NO | |
| REG NO | | TSN | | TSN | |
| TT | | TSOH | | TSRECON | |

DATE: _____

REASON FOR THIS INSPECTION _____

DATE OF LAST INSPECTION: _____

HOURS FLOWN SINCE LAST INSPECTION: _____

| | TICK | NOTES |
|-----------------------------|------|-------|
| CERTIFICATE OF REGISTRATION | | |
| SPECIAL FLIGHT PERMIT | | |
| LOGBOOK/S | | |
| PROOF OF 3RD PARTY | | |
| LISAMA MEMBERSHIP NO | | |
| RADIO STATION LICENSE | | |
| FLIGHT MANUAL | | |
| MASS AND BALANCE DATA SHEET | | |

DATE AND DETAILS OF ANY, IF ANY: ACCIDENTS, REPAIRS AND OR MAINTENANCE DONE ON AIRCRAFT

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I _____ AM THE OWNER AND/OR IS RESPONSIBLE FOR THE ABOVE MENTIONED AIRCRAFT, AND I AM FULLY CONVERSANT WITH THE ABOVE PROCEDURES, AND HAVE GIVEN THE FULL AND CORRECT DETAILS AS REQUESTED BY THE INSPECTOR FOR THE COMPLETION OF SUCH AN INSPECTION. I AM FULLY AWARE OF THE CONTENTS OF THE FLYING MANUAL AND UNDERSTAND IT ALL CLEARLY.

SIGNED _____ DATE _____

I _____ LISAMA INSPECTOR NO: _____ HAVE CARRIED OUT AN INSPECTION ON THE ABOVE AIRCRAFT AS PER ATTACHED CHECK LIST AND FOUND THE AIRCRAFT TO BE AIRWORTHY/ NOT AIRWORTHY CONDITION

SIGNED _____ DATE _____ STAMP _____

| 1 | ENGINE | CHECKED |
|-----|---|---------|
| 1.1 | START AND ALLOW TO WARM (3 MIN) | |
| 1.2 | RESPONSE TO POWER CHANGES | |
| 1.3 | MAX STATIC RPM | |
| 1.4 | RADIO INTERFERENCE FROM MAG/GEN/ALT/SPARK PLUGS | |
| 1.5 | ANY UNUSUAL NOISES | |
| 1.6 | GEARBOX OR BELT DRIVE NOISES | |
| 1.7 | IDLE RPM | |
| 1.8 | MAG CHECK | |
| | LEFT | |
| | RIGHT | |
| | DEAD CUT | |

| | | | |
|------|--|-------------|--|
| 1.9 | STOP ENGINE CHECK | FUEL LEAKS | |
| | | OIL LEAKS | |
| | | WATER LEAKS | |
| 1.10 | CHECK ALL COMPONENTS SECURE, EXHAUST, STARTER, CARBS ETC | | |
| 1.11 | CHECK OIL LEVELS AND WATER LEVELS | | |
| 1.12 | CHECK ALL WIRE LOCKINGS | | |
| 1.13 | CHECK THOROUGHLY IN RESPECT OF GENERAL CONDITION | | |

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| 2 | CHECK PROPELLER: | | |
| 2.1 | BLADES FOR NICKS, GOUGES, AND OTHER DAMAGE | | |
| 2.2 | ERROSION AND OR CORROSION | | |
| 2.3 | BLADE PLAY IN HUB IN ANY DIRECTION | | |
| 2.4 | PAINT FINISH | | |
| 2.5 | ALL BOLTS, NUTS AND FASTERS FOR SAFETYING | | |
| 2.6 | FOR CORROSION AND SERVICEABILITY ON BOLTS, NUTS, ETC | | |
| 2.7 | ATTACHMENT BOLT TORQUE | | |
| 2.8 | TRACK | | |

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| 3 | AIRFRAME CHECK: | | |
| 3.1 | THOROUGHLY IN RESPECT OF GENERAL CONDITION | | |
| 3.2 | FOR CORROSION AND SERVICEABILITY ON BOLTS, NUTS, CABLES ETC | | |
| 3.3 | FOR CRACKS, STRETCHING, CORROSION IN ALUMINIUM TUBES | | |
| 3.4 | FOR ELONGATED BOLT HOLES | | |
| 3.5 | ALL BOLTS, NUTS AND FASTERS FOR SAFETYING | | |
| 3.6 | CABLES FOR BROKEN STARND S OR KINKS | | |
| 3.7 | ALL MOVING CONTROLS FOR FREEDOM OF MOVEMENT AND SECURE | | |
| 3.8 | ENGINE MOUNTS SERVICEABLE AND SECURE | | |
| 3.9 | RIVETS CORRECT AND CORROSION FREE | | |
| 4 | LANDING GEAR CHECK: | | |
| 4.1 | TYRES FOR CONDITION, WEAR AND SERVICEABILITY | | |
| 4.2 | TYRE PRESSURE AND CREEP | | |
| 4.3 | BRAKE SYSTEM OPERATIVE AND SERVICEABLE (LEAKS) | | |
| 4.4 | RIMS FOR DAMAGE, CRACKS AND BEARING SERVICEABILITY | | |
| 4.5 | SHOCKS OR ANY DAMPENING ITEMS FOR SECIRUTY AND SERVICEABILITY | | |
| 4.6 | SHIMMY DAMPERS FOR SERVICEABILITY | | |

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| 5 | SEATING (CABIN) CHECK: | | |
| 5.1 | SEAT ATTACHMENT AND RAILS SECURE | | |
| 5.2 | SEATBELTS SECURE AND SERVICEABLE | | |
| 5.3 | SEATBELTS FOR FRAYED, DAMAGED OR WORN AREAS | | |
| 5.4 | SEATBELT FASTENERS SERVICEABILITY | | |
| 5.5 | FOR OBSTRUCTION OF PILOTS VIEW | | |
| 5.6 | WINDSCREEN FOR CRACKS, SCRATCHES AND SERVICEABILITY | | |
| 5.7 | ALL INSTRUMENTS FOR FUNCTION AND SERVICEABILITY | | |
| 5.8 | PODS, DASH BOARDS, INSTRUMENTS FOR SECURITY AND DAMAGE | | |
| 5.9 | ALL CONTROL CABLES AND LINAGES FOR FREEDOM OF MOVEMENT | | |
| 5.10 | ALL CONTROL CABLES AND LINAGES FOR SECURITY | | |
| 5.11 | DOORS, WINDOWS ETC FOR OPERATION AND SECURITY | | |
| 5.12 | ELECTRICS FOR SERVICEABILITY AND SAFTY (BATTERY SECURED) | | |
| 5.13 | ELECTRIC WIRING FOR DAMAGEOR LOOSNESS | | |
| 5.14 | FUEL SYSTEM FOR LEAKS, SECURITY OF PIPES, CLAMPS, TANKS, ETC | | |
| 5.15 | PITOT AND STATIC SYSTEM CLEAR AND SERVICEABLE | | |

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| 6 | WING CHECK: | | |
| 6.1 | FOR CORROSION AND SERVICEABILITY ON BOLTS, NUTS, CABLES ETC | | |
| 6.2 | CABLES FOR BROKEN STARND S OR KINKS | | |
| 6.3 | FOR ELONGATED BOLT HOLES | | |
| 6.4 | FOR CRACKS, STRETCHING, CORROSION IN ALUMINIUM TUBES | | |
| 6.5 | ALL BOLTS, NUTS, FASTERS AND SAFTY RINGS/PINS FOR SAFETYING | | |
| 6.6 | ALL MOVING CONTROLS FOR FREEDOM OF MOVEMENT AND SECURITY | | |
| 6.7 | HANGPOINT SECURITY AND SERVICEABILITY | | |
| 6.8 | TEST FABRIC OR SKIN, CHECK FOR SECURITY - BATTONS & BUNGIS | | |
| 6.9 | COVERING FOR TEARS, HOLES, LOOSE-, CORRODED-THREADS | | |
| 6.10 | THOROUGHLY IN RESPECT OF GENERAL CONDITION | | |

NOTE: THIS CHECK LIST IS ONLY A GUIDELINE. PLEASE REFER TO MANUFACTURERS INSPECTION CHECKLIST FOR MORE DETAIL.

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