

Certificate of Airworthiness Issuance / Renewal Requirements - Checklist

- **A/C Registered in Namibia.**
- A/C and documentation available for inspection
- Classification work carried out under the supervisory of an approved / accepted organization.
- Flight Test if required.
- Possible Classification

Class I	complete aircraft, engine or propeller
Class II	major component
Class III	standard parts

Documents for examination by the Authority

- Log books
- Aero plane Flight Manual
- Departures from Namibia's requirements.
- Type Certificate Data sheet (TCDS)
- Export Certificate of Airworthiness
- Current C of A
- Previous C of A.
- Mass & Balance Report
- Pilot report
- Records of previous inspections and maintenance
- Compliance with programme approved by NCAA.
- Maintenance done by qualified personnel entered in log book and certified
- Approved modifications and repairs
- Compliance with life limited components
- Compliance withy MEL/CDL
- Compliance with structural repair manual
- Markings and placarding in place
- Mass and balance in conformity with state of registry's (Namibia) requirements
- Operational equipment, serviceability if applicable.
- Aircraft records in conformity with Namibia's requirements
- Flight Manual including changes made mandatory by the state of Registry, Namibia
- Flight Test in applicable.

Reasons for loss of Airworthiness

- Wear and tear, damage
- Ageing, fatigue and corrosion
- Increased airworthiness requirements
- Newly discovered deficiencies
- Lack of proper maintenance
- None approved modifications/repairs
- None compliance with airworthiness directive

Airworthiness Flight Test

- Need in case of:
 - Issue of C of A
 - Renewal of C of A
 - Modification having impact on:
 - Flight characteristics,
 - Performance,
 - Functioning

Modification and Repairs

- **Modifications:**
 - Change to or alteration to the type design which is not a repair.
- Repair
 - To restore an aircraft to an airworthy condition after it has been damaged or subjected to wear.
- Major change
 - Appreciable effect on:
 - Mass and Balance limits
 - Structural strength
 - Performance
 - Power plant operation
 - Flight characteristics
 - Other qualities affecting airworthiness
 - Embodied according to non-standard practices
- Modification approval
 - Compliance programme

- Engineering reports
- Ground and Flight Test
- Flight Manual Changes
- Associated documentation
- Issue of approval.

- Repair Approval procedures
 - Impact on type design
 - Compliance with structural repair manual
 - Documentation
 - Service limitations for interim and temporary repairs

- Compatibility of modifications and repairs
 - Responsibilities of:
 - Holders of approval
 - Installers
 - Operations
 - States

Operator's Maintenance Control Manual

- Major objectives
 - Information to personnel
 - Management Tool
 - Substantiation of authority.