

**SPECIAL CONDITION****RPA Electronic Equipment Fault Detection & Isolation**Doc. No. : **SC-RPAS.101-01**Issue : 1  
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**SUBJECT** : RPA Electronic Equipment Fault Detection & Isolation  
**CERTIFICATION SPECIFICATION** : CS-VLA  
**PRIMARY GROUP / PANEL** : 5 (Electrical systems)  
**SECONDARY GROUPE / PANEL** : All systems  
**NATURE** : SC

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**SPECIAL CONDITION****RPA Electronic Equipment Fault Detection & Isolation**

- (a) Any equipment whose failure could lead to loss of functions or misleading data with hazardous or catastrophic effects on safety must have fault detection / fault isolation capabilities as agreed by the Certifying Authority.
- (b) A minimum essential set of Built-In-Test (BIT) performance shall be included in the design.
- (c) UAV faults and status information must be transmitted to the ground control station for display to the operator, when the link is available