

**CIAC            32-20 Independent Inspections**  
**Issue           01**  
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## 1. General

Cayman Islands Aviation Circulars are issued to provide advice, guidance and information on standards, practices and procedures necessary to support Overseas Territory Aviation Requirements. They are not in themselves law but may amplify a provision of the Air Navigation (Overseas Territories) Order or provide practical guidance on meeting a requirement contained in the Overseas Territories Aviation Requirements

## 2. Related Requirements

This Circular relates to OTAR Part 43.

## 3. Change Information

First Issue

## 4. Enquiries

Enquiries regarding the content of this Circular should be addressed to Director Air Safety Regulation

## 5. Introduction

OTAR Subpart C 43.111 requires an independent inspection when flight control systems, engine control systems or defined vital points are disturbed or adjusted. It requires competent and qualified persons to carry out the inspection. It states the second inspection is to be carried out by a 'suitably qualified' person

## 6. Recommended Actions

This circular is to clarify what is considered suitable qualifications.

- (a) What is an independent inspection? An independent inspection is an inspection performed by an 'independent qualified person' of a task carried out by an 'authorised person', taking into account that:
- (1) the 'authorised person' is the person who performs the task or supervises the task and they assume the full responsibility for the completion of the task in accordance with the applicable maintenance data;
  - (2) the 'independent qualified person' is the person who performs the independent inspection and attests the satisfactory completion of the task and that no deficiencies have been found.
- (b) The 'independent qualified person' does not issue a certificate of release to service, therefore they are not required to hold certification privileges;
- (1) the 'authorised person' issues the certificate of release to service or signs off the completion of the task after the independent inspection has been carried out satisfactorily;
  - (2) the work card system used by the organisation should record the identification of both persons and the details of the independent inspection as necessary before the certificate of release to service or sign-off for the completion of the task is issued.
- (c) Qualifications of persons performing independent inspections
- (1) The organisation should have procedures to demonstrate that the 'independent qualified person' has been trained and has gained experience in the specific inspection to be performed.
- (d) The organisation could consider making use of, for example:
- (1) staff holding a certifying staff or support staff or sign-off authorisation or equivalent necessary to release or sign off the critical maintenance task;
  - (2) staff holding a certifying staff or support staff or sign-off authorisation or equivalent necessary to release or sign off similar task in a product of similar category and having received specific practical training in the task to be inspected; or
  - (3) a commander holding a limited certification authorisation in accordance with OTAR 145.107 and having received adequate practical training and having enough experience in the specific task to be inspected and on how to perform an independent inspection.

## Cayman Islands Aviation Circular

(e) The suggested format for documenting the inspection is illustrated below. Operators may wish to have a manufactured stamp for each work card requiring an independent inspection. Alternatively this can be a hand written statement.

OTAR 43.11 Independent inspection certification	Date	Time	Signature	Authorisation
Insert details of item requiring inspection e.g. Left Aileron trim tab rod bearing replaced and turnbarrel adjusted in accordance with the AMM 27-XX-XX	1 <sup>st</sup>			
	2 <sup>nd</sup>			

Table 1 – Independent Inspection format acceptable means of compliance

- (f) Where the task involves complex assembly, consideration should be given to staged inspections.
  
- (g) It should be noted that the independent inspection must remain completely independent. The item(s) disturbed should be fully communicated to the independent inspector and all associated maintenance data provided where applicable.