



## INFORMATION BULLETIN 21/2006

<b>SUBJECT</b>	<b>: CERTIFICATE OF AIRWORTHINESS SURVEY REPORT</b>
<b>ORIGINATOR</b>	<b>: AIRWORTHINESS SECTION</b>
<b>STATUS</b>	<b>: MANDATORY</b>
<b>ADDRESSED TO</b>	<b>: ALL OPERATORS OF UAE REGISTERED AIRCRAFT</b>
<b>DATE</b>	<b>: SUNDAY JULY 16<sup>th</sup>, 2006</b>

### 1. Introduction

This notice is issued in line with the established GCAA rolling to introduce requirements to perform an airworthiness survey on certain aircraft when deemed required by the GCAA, its purpose is to give general guidance on the procedure to be followed by operators/organizations to be conduct the survey and issue recommendations to the GCAA.

### 2. Process

At the time of application for a new C of A <sup>1</sup> or C of A renewal, the GCAA after initial review of the applicable aircraft status may decide, at its own discretion and judgment, that prior to any further evaluation or review of the aircraft and its records by GCAA personal, the same shall be subjected to a comprehensive review by an organization specifically approved by the GCAA. For this a written notice will be served by the GCAA indicating that a survey is required.

The survey may only be conducted by an organization holding a current GCAA maintenance organizations approval, and indorsed as approved Airworthiness surveyor organization, the endorsement will be subjected to but not limited to the following:

- a. An application is made by the AMO <sup>2</sup> using GCAA form AD 127
- b. The AMO have established airworthiness evaluation procedures approved by the GCAA.

This endorsement will qualify the AMO to furnish a report to the GCAA detailing its findings and recommendations.

<sup>1</sup> Certificate of Airworthiness

<sup>2</sup> Approved Maintenance Organisation

The airworthiness survey should include the following:

1. Review of the aircraft, engine and components records, insuring that they are up to date and accurate, including cross check of the recorded time and cycles.
2. Review of all maintenance done to the aircraft, engine and components, to insure that it was done by qualified organisations and under an acceptable standard.
3. Repair mapping of the aircraft, engine and components, this should include the certification evaluation of every repair done, and waviness check of the skin
4. Fuel leak check, this should be done with aircraft fully refuelled.
5. Compliance review with current and latest aircraft maintenance program and CPCP <sup>3</sup>
6. Compliance review of all applicable ADs <sup>4</sup>, this should be done as a full back to birth review of the ADs, a list has to be produced by the AMO showing all ADs issued to this Aircraft type
7. List of 'Hard Time' components with the life remaining identified.
8. Cross check of all serialised components on the aircraft, with its current records, referring to the original certificate for the component (EASA <sup>5</sup> form one or FAA 'release Tag )
9. Completion of GCAA form AD111
10. Completion of GCAA form AD 127
11. Issuance of a CMR
12. Conformity of the aircraft interior to the approved configuration (LOPA <sup>7</sup>)
13. Conformity of the aircraft interior to the burn test and gas emission requirements
14. Aircraft weighing report
15. FULL boroscope of all the engines
16. Review of all modifications done to the aircraft, engine and components, this should include the certification evaluation of every repair done

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<sup>3</sup> Corrosion Prevention and Control Programme

<sup>4</sup> Airworthiness Directives

<sup>5</sup> European Aviation Safety Agency

<sup>6</sup> Federal Aviation Administration

<sup>7</sup> Layout Of Passenger Accommodation

17. Cabin pressurization check to test the cabin pressurization system, check for air leaks, and test the integrity of all structures repairs done in pressurized areas

Once the AMO have performed the survey it should compile a report and forward it to the GCAA , the report should be of 4 parts as follows

**Part one** : a general statement signed by the approved post holder indicating the organizations comments regarding the survey and the intended purpose ( i.e. C of A issuance / renewal )



**Part two** : list of certified personnel involved in this survey, the scope of work, and list of documents reviewed

**Part three**: detailed list of the survey (with a reference to every item on the scope of work, all statements should be clear of any ambiguities ,comments like as per customer request or as per customer should not be used)

**Part four** : copies or original of GCAA forms / certificates as applicable, copies or original of the AMO forms /certificates as applicable

The operator shall present to the GCAA a valid contract with the AMO, the contract should have a specific section for the survey, and it should refer to this information bulletin and be specific to the aircraft make/model, serial numbers and registration mark.

The GCAA C of A evaluation will only commence once a positive report is received and is acceptable to the GCAA.



**ISMAEIL AL BALOOSHI**  
**CHIEF OF AIRWORTHINESS**