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|  | AIRWORTHINESS DIRECTIVE No F-2005-049 | | Distribution: A | Issue date: March 30, 2005 | Page : 1/2 |
| | Direction générale de l'aviation civile France GSAC publication | This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance. | | <i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i> | |
| No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry. | | | | | |
| Corresponding foreign Airworthiness Directive(s): Not applicable | | | Airworthiness Directive(s) replaced: None | | |
| Person in charge of airworthiness: APEX AIRCRAFT | | | Type(s): CAP 10B aircraft | | |
| Type certificate(s) No. 125 TCDS No 125 | | | | | |
| ATA chapter: 57 | Subject: Aileron - Inspection/Replacement of ailerons spades supports | | | | |

1. EFFECTIVITY:

This Airworthiness Directive (AD) is applicable to CAP 10B aircraft:

- from serial number 300 (inclusive)
- and to
- all serial numbers below the serial number 300 modified in accordance with modification 000302 also called "CAP10C wing".

2. REASONS:

This Airworthiness Directive (AD) is issued following the discovery of cracks on aileron spades of an in-service CAP 10B aircraft.

The consequence on the aircraft of these cracks might be the loss of the airplane rolling control.

APEX AIRCRAFT has designed a new models of inboard and mid-aileron spades supports which shall be installed in place of the previous supports models if cracks are found.


3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

The following measures are rendered mandatory from the effective date of this AD, unless previously accomplished:

3.1. INSPECTION/REPLACEMENT:

3.1.1. Prior to the next 10 flight hours from the effective date of this AD, Inspect the spades supports. None crack is permitted.

3.1.2. If any crack is found during § 3.1.1. inspection, before further flight replace the spades supports.

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|---|--|---------------------------|--------------------------------------|---------------------|
|  | AIRWORTHINESS DIRECTIVE No F-2005-049 | Distribution: A | Issue date: March 30, 2005 | Page: 2/2 |
|---|--|---------------------------|--------------------------------------|---------------------|

3.1.3. If no crack is found during § 3.1.1. inspection, repeat the inspection thereafter at intervals not to exceed 55 flight hours.

These actions must be done in accordance with the manufacturer's technical Publications.

Note 1: Inspection required by paragraph 3.1. of this AD does not concern spades supports with the letter "A" in their identification marking.

Note 2: Installation of new models of inboard and mid-aileron spades supports ends the repetitive inspection required by paragraph 3.1.3. of this AD.

4. REFERENCE PUBLICATION:

APEX AIRCRAFT Service Bulletin No 040401 dated October 14, 2004
(Any subsequent approved revision of this document is acceptable).

5. EFFECTIVE DATE:

Upon receipt, as of March 30, 2005.

6. REMARK:

For any questions concerning the technical content of the requirements in this AD, please contact:

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7. APPROVAL:

This AD is approved under EASA reference No 2005-2570 dated March 22, 2005.