



Transport Canada

Transports Canada

**Department of Transport**

# Supplemental Type Certificate

**This approval is issued to:**

Eurocopter Canada Limited  
1100 Gilmore Road  
P.O. Box 250  
Fort Erie, Ontario  
Canada L2A 5M9

**Number:** SH03-15

**Issue No.:** 2

**Approval Date:** 11 June, 2003

**Issue Date:** 09 November, 2005

**Responsible Office:**

Ontario

**Aircraft/Engine Type or Model:**

EUROCOPTER FRANCE EC 120 B

**Canadian Type Certificate or Equivalent:**

H-102

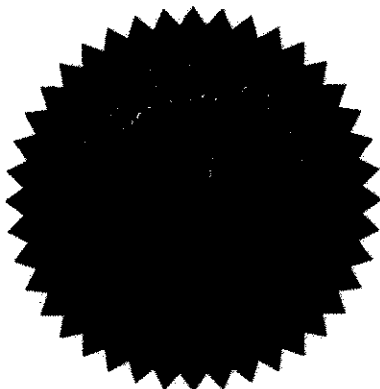
**Description of Type Design Change:**

SX-16 System Installation (p/n 120-901234)

**Installation/Operating Data,  
Required Equipment and Limitations:**

1. Installation and Configuration must be in accordance with Eurocopter Canada Limited Master Drawing List MDL-03-008, Issue D, Transport Canada approved 08 November, 2005, or later Transport Canada approved revisions.
2. The exterior mount must be installed in accordance with FAA STC SR01302LA.

*-See Continuation Sheet-*



**Conditions:** This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated will not adversely affect the airworthiness of the modified product.

James W. Palmer  
Senior Engineer – Aircraft certification  
For Minister of Transport



*(Continuation Sheet)*

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NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN.

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3. Operation of the SX-16 system must be in accordance with following Flight Manual Supplements:
- a. Configuration 1 (p/n 120-901234-01 with Cyclic Control)
    - i. Eurocopter Canada Limited Flight Manual Supplement FMS-ECL-110, Revision 1, Transport Canada approved 08 November 2005, or later Transport Canada approved revisions.
    - ii. Flight Manual Supplement required by FAA STC SR01302LA
  - b. Configuration 2 (p/n 120-901234-02 without Cyclic Control)
    - i. Eurocopter Canada Limited Flight Manual Supplement FMS-ECL-109, Revision 1, Transport Canada approved 08 November, 2005, or later Transport Canada approved revisions.
    - ii. Flight Manual Supplement required by FAA STC SR01302LA.
  - c. Configuration 3 (p/n 120-901234-03 quick connect with Cyclic Control)
    - i. Eurocopter Canada Limited Flight Manual Supplement FMS-ECL-110, revision 1, Transport Canada approved 08 November,2005, or later Transport Canada approved revisions.
    - ii. Flight Manual Supplement required by FAA STCSR01302LA.
  - d. Configuration 4 (p/n 120-901234-04 quick connect without Cyclic Control)
    - i. Eurocopter Canada Limited Flight Manual Supplement FMS-ECL-109, revision 1, Transport Canada approved 08 November,2005, or later Transport Canada approved revisions.
    - ii. Flight Manual Supplement required by FAA STCSR01302LA.
  - e. Configuration 5 (p/n 120-901234-05 quick connect with SLASS)
    - i. Eurocopter Canada Limited Flight Manual Supplement FMS-ECL-114, revision 0, Transport Canada approved 08 November,2005, or later Transport Canada approved revisions.
    - ii. Flight Manual Supplement required by FAA STCSR01302LA.



*(Continuation Sheet)*

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4. The SX-16 system must be maintained in accordance with the following Instructions for Continued Airworthiness:
- a. Eurocopter Canada Limited Instructions for Continued Airworthiness for model EC120B series helicopter equipped with the Spectrolab SX-16 Nightsun with Meeker Mount, ICA-ECL-122, rev 1, Transport Canada accepted 08 November, 2005, or later Transport Canada accepted revisions.
  - b. Airfilm Camera Systems Document No AF120-005, revision o, dated January 17, 2002.
  - c. Spectrolab SX-16 Nightsun Searchlight Operation & Maintenance Instructions, Document Number 031734, revision N/C, amended July 15, 1999.

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