

# Supplemental Type Approval

Number: SH93-25

**This approval is issued to:**

Onboard Systems  
11212 N.W. Saint Helens Road  
Portland, Oregon  
97231 U.S.A.

**Issue No.:** 1

**Approval Date:** May 5, 1993

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**Responsible Region**

Pacific

**Aircraft/Engine Type or Model:**

Bell 204B, 205A, 205A-1, 212, 412

**Canadian Type Approval or Equivalent:**

DOT H-86 and FAA H1SW

**Description of Type Design Change:**

Fabrication & Installation Of Onboard Systems Model E-47 and E-47B Cargo Hook Load Cell Systems Per FAA STC SH4751NM.

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

Fabrication is in accordance with FAA Approved Onboard Systems Master Drawing List No. 155-001-00, Revision 1, dated July 10, 1990\*.

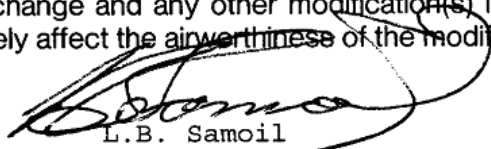
Installation is in accordance with either FAA Approved Onboard Systems Owners Manual No. 120-003-00, dated January 5, 1989\* (E-47), or 120-021-00, dated July 10, 1990\* (E-47B).

Inspect load cells in accordance with Section 5 of the appropriate Onboard Systems Owners Manual.

Required Equipment and Limitations: See Continuation Sheet

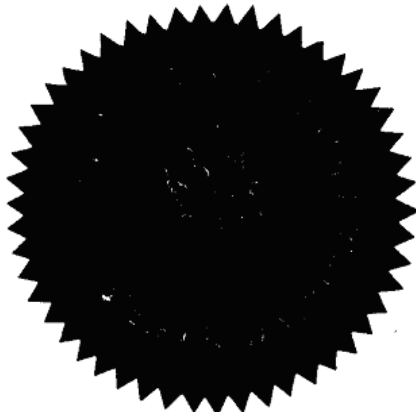
(\* or later FAA Approved Revision)

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



L.B. Samoil

Regional Airworthiness Engineer  
For Minister of Transport



# Supplemental Type Approval

(Continuation Sheet)

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NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE SUPPLEMENTAL TYPE APPROVAL REFERRED THEREIN.

Required Equipment:

1. Aircraft must be equipped with Bell external cargo hook suspension assembly P/N 204-072-915-11, and suspension link P/N 205-070-944-3.
2. FAA Approved copy of Onboard Systems Rotorcraft Flight Manual Supplement revised July 27, 1990, or later FAA Approved revision.

Limitation:

Approval of this change in type design applies to only those Bell model rotorcraft listed on FAA Approved Model List No. SH4751NM dated January 3, 1990, or later FAA approved revision.