United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SH4793NM

This certificate, issued to Onboard Systems
11212 NW. St. Helens Road
Portland, Oregon 97231

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 29 *of the* Federal Aviation *Regulations.*

Original Product — Type Certificate Number: H9SW

Make: Bell Helicopters

Model: 222, 222B, and 222U

Description of Type Design Change: Fabrication of Onboard Systems Model E-73 Cargo Hook Load Cell System in accordance with FAA Approved Onboard Systems Master Drawing List No. 155-003-00, dated September 15, 1989, or later FAA approved revision; and. Installation of this system in accordance with FAA approved Onboard Systems Owners Manual No. 120-011-00, dated August 5, 1989, or later FAA approved revision. Inspect load cell in accordance with Section 5 of Onboard Systems Owners Manual No. 120-011-00, dated August 5, 1989, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to Bell models 222, 222B, and 222U rotorcraft, which are equipped with Bell external cargo hook suspension assembly 222-706-904-101 (222 and 222B), or 222-706-904-105 (222U), and cargo hook, P/N 222-320-929-103, only. This approval should not be extended to helicopters of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that helicopter.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 15, 1989

Date of issuance: January 20, 1990

Date reissued:

Date amended:

By direction of the Administrator

(Signature)

Assistant Manager, Seattle
Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

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Supplemental Type Certificate

(Continuation Sheet)

Number SH4793NM

LIMITATION AND CONDITIONS: (continued)

Rotorcraft modified in accordance with this STC must be operated in accordance with an FAA approved copy of Rotorcraft Flight Manual Supplement revised January 20, 1990 or later FAA approved revision. A copy of the Certificate, Continuation Sheet No. SH4793NM, and FAA approved Rotorcraft Flight Manual Supplement must be maintained as part of the permanent records of the modified helicopter.

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.