United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SH546NW

This certificate, issued to Measurement Systems International, Inc.

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 * *of the* * *Regulations.*

Original Product—Type Certificate Number: *See attached Master Eligibility List (MEL) No. SH546NW for list of approved helicopter models and applicable airworthiness regulations.

Make:

Model:

Description of Type Design Change: Installation of an electronic weighing system (for monitoring cargo and/or hoist hook weight) in accordance with Measurement Systems International Installation Drawing No. D00419 or Drawing D00477.

Limitations and Conditions: Approval of this change in type design applies basically to the above model helicopters only. This approval should not be extended to other helicopters of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship 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. A copy of this Certificate, MEL No. SH546NW, and FAA Approved Rotorcraft Flight Manual Supplements shall be maintained as part of the modified helicopters' permanent records.

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: October 17, 1977

Date reissued:

Date of issuance: December 28, 1977

Date amended: December 4, 1980

By direction of the Administrator

Charles C Schroeder

(Signature)

Acting Chief, Seattle Area 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.

FAA Form 8110-2 (10-68)

FAA APPROVED
MASTER ELIGIBILITY LIST NUMBER SH546NW
FOR
LOAD SYSTEM
MEASUREMENT SYSTEMS INTERNATIONAL, INC.

Date: December 28, 1977

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA SEALED DRAWING/ DRAWING LIST		AFM SUPPLEMENT NUMBER/ DATE	MEL AMENDMENT DATE
					NUMBER	REV.		
1.	Sikorsky	S-64A S/N 64004, 64007	H1EA	CAR 8 effective 10/11/50	D 00419 D 00477	None	SH546NW	12-4-80
2.	Sikorsky	S-64E S/N 64058, 64059, 64060	H4EA	FAR 21.25(a)(2) eff. 2/1/65	D 00419 D 00477	None	SH546NW	12-4-80
3.	Sikorsky	S-64E S/N 64002, 64003, 64058, 64079	H6EA	FAR 29 eff. 2/1/65	D 00419 D 00477	None	SH546NW	12-4-80
4.	Sikorsky	S-64F Approved when S/N is added to Data Sheet H6EA	H6EA	FAR 29 eff. 2/1/65	D 00419 D 00477	None	SH546NW	12-4-80