

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SR09178RC

This Certificate issued to **MD Helicopters, Inc.
4555 E. McDowell Road
Mesa, AZ 85215**

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 27 of the Federal Aviation Regulations.

Original Product Type Certificate Number: H3WE

Make: MDHI (Hughes)

Model: 600N

Description of Type Design Change: Installation of a Vapor-Cycle air conditioning system with a belt-driven compressor in accordance with Integrated Flight Systems, Inc., Master Drawing List DL-44, Revision A, dated July 22, 1997, or later FAA approved revision.

Limitations and Conditions: FAA Approved Rotorcraft Flight Manual Supplement for 600N Air-Conditioning dated October 21, 1997, or later FAA approved revision is required. Any modification to the electrical wire routing and/or electrical equipment modifications for this installation shall require EMI testing including EMI effects on Full Authority Digital Electronic Control. Instructions for Continued Airworthiness dated October 7, 1997, or later FAA accepted revision is required for this installation.

Compatibility of this design change with previously approved modifications must be determined by installer. This installation should not be incorporated in any rotorcraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the rotorcraft. A copy of this STC must be included in the permanent records of the modified rotorcraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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: April 21, 1997

Date reissued: August 22, 2001, March 25, 2010,
May 20, 2016, July 1, 2016

Date of issuance: October 21, 1997

Date amended:



By direction of the Administrator

(Signature)
Manager, Cabin Safety, Mechanical &
Environmental Systems Branch
Los Angeles 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.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____
(Number and street)

(City, State, and ZIP Code)

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____
(Number and street)

(City, State, and ZIP Code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

★U.S. GPO 1987-763-28

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