

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

Number SH594NE

This certificate issued to Aerosonic Corporation
1212 North Hercules Avenue
Clearwater, FL 33765

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 6 of the Civil Air Regulations.

Original Product Type Certificate Number: H3WE

Make: MD Helicopters Inc.

Model: 369D, 369E, 500N

Description of Type Design Change:

Installation of a Teledyne Avionics Power Analyzer and Recorder in accordance with the data contained in the following:

Configuration 1: Teledyne Avionics "Installation Manual Power Analyzer & Recorder "PAR" McDonnell Douglas Model 500/D/E System Number SL17011", Document No. IM17011, dated August 1, 1988.

Configuration 2: Teledyne Avionics "Installation Manual for PAR System SL17011 with computer SLZ7625 serial No. ZH0019 and up" McDonnell Douglas 369D/E Helicopters", dated June 1, 1992.

Configuration 3: Avionics Specialties, Inc. Installation Manual for PAR System SL17066 McDonnell Douglas 500N Helicopter", dated March 15, 1993

Limitations and Conditions:

- A. Configuration 1:
1. Teledyne Avionics Rotorcraft Flight Manual Supplement for McDonnell Douglas 500 Helicopters, FAA approved August 4, 1988 is required for this installation.

(See Continuation Sheet 2)

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: March 18, 1988

Date reissued: May 4, 1993, August 14, 2007

Date of issuance: August 4, 1988

Date amended: November 28, 1988, May 29, 1991,
November 3, 1992



By direction of the Administrator

(Signature)

Anthony Socias
Manager
New York Aircraft Certification Office

(Title)

United States of America
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Supplemental Type Certificate
(Continuation Sheet)

Number SH594NE

Date of Reissue: August 14, 2007

Limitations and Conditions (Continued):

2. Teledyne Avionics "Installation manual Power Analyzer Recorder "PAR" McDonnell Douglas Model 500 D/E System Number SL17011", Document No. IM17011.011, dated August 1, 1988, must accompany this installation
- B. Configuration 2:
1. Teledyne Avionics Rotorcraft Flight Manual Supplement for McDonnell Douglas 500D & E Helicopters, FAA Approved November 3, 1992, is required with this installation
 2. Teledyne Avionics Installation Manual for PAR Computer SLZ7625 serial No. ZH0019 and up McDonnell Douglas 369D/E helicopters, Document No. 17011IM, dated June 1, 1992 is required with this installation.
 3. Teledyne Avionics Operators Manual PAR-17011OM No. Rev. dated June 1, 1992 must accompany this installation.
- C. Configuration 3:
1. Avionics Specialties Flight Manual Supplement for McDonnell Douglas 500N Helicopter, FAA Approved May 4, 1993, is required with this installation.
 2. Avionics Specialties, Inc. "Installation Manual for PAR System SL17066 McDonnell Douglas 500N Helicopter" dated March 15, 1993 is required with this installation.
 3. Avionics Specialties, Inc. Operators Manual for PAR System SL17066, dated March 15, 1993 must accompany this installation.
- D. The Installer must determine whether this design change is compatible with previously approved modifications.
- E. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

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