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**ROTORCRAFT FLIGHT MANUAL
SUPPLEMENT**

**Cargo Hook Kit for
MD Helicopter Models
369D, 369E, 369F, 369FF, 369HE, 369HS, 369HM & 500N**

R/N _____ S/N _____

FAA Approved:
for - Manager, Seattle Aircraft Certification Office

Date:

Revised: *03 June 2014*



**Rotorcraft Flight
Manual Supplement**
MD 369/500 Cargo Hook Kit

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I. INTRODUCTION

This supplement must be attached to the appropriate MD Helicopter's Rotorcraft Flight Manual when an Onboard Systems 200-264-00 Cargo Hook Kit is installed in accordance with Supplemental Type Certificate (STC) NO. SR00892SE. The information contained herein supplements or supersedes the basic manual only in those areas listed herein. For limitations, procedures and performance information not contained in this supplement consult the basic Rotorcraft Flight Manual and the "Cargo Hook Kit" Rotorcraft Flight Manual Supplement issued by MD Helicopters, Inc.

The Onboard Systems 200-264-00 Cargo Hook Kit includes a cargo hook, external electrical release harness, and manual release cable. The electrical release harness interfaces with the rotorcraft's internal cargo hook electrical wiring as supplied by MD Helicopters including the release switch on the cyclic and the manual release cable interfaces with the manual release lever on the cyclic as supplied by MD Helicopters.

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II. LIMITATIONS

The basic Flight Manual and the “Cargo Hook Kit” Rotorcraft Flight Manual Supplement issued by MD Helicopters, Inc. remain applicable.

With a load attached to the cargo hook, operation shall be conducted in accordance with the respective national operational requirements. For U.S. operators 14 CFR part 133 is applicable.

The cargo hook kit does not meet the 14 CFR part 27 certification requirements for Human External Cargo (HEC).

NOTICE

The external load equipment certification approval does not constitute operational approval; operational approval for external load operations must be granted by the local Aviation Authority.



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III. EMERGENCY PROCEDURES

The basic Flight Manual and the “Cargo Hook Kit” Rotorcraft Flight Manual Supplement issued by MD Helicopters, Inc. remain applicable.

IV. NORMAL PROCEDURES

Prior to a flight involving external load operations perform the following procedures. If the procedures are not successful do not use the equipment until the problem has been corrected.

1. Visually check all mounting fasteners to ensure that they are secure.
2. Visually check the electrical harness and connectors for damage and security.
3. Visually check the manual release cable and its connection at the cargo hook for damage and security.
4. Visually check the cargo hook case and covers for cracks and damage.
5. Visually check the load beam for gouges and cracks.

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IV. NORMAL PROCEDURES continued

6. Cycle the cargo hook's manual release mechanism to ensure proper operation. Pulling the manual release lever located on the cyclic should cause the cargo hook to open. The cargo hook may be returned to the locked position by manually pushing up on the load beam. The load beam should snap shut. The hook may be flown in the open position to facilitate loading by a ground crew.
7. Cycle the cargo hook's electrical release mechanism to ensure proper operation. Pressing the CARGO RELEASE switch on the cyclic should cause the cargo hook to open. The cargo hook may be returned to the locked position by manually pushing up on the load beam. The load beam should snap shut. The hook may be flown in the open position to facilitate loading by a ground crew.



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IV. NORMAL PROCEDURES continued

Cargo Hook Rigging

Extreme care must be exercised in rigging a load to the Cargo Hook. The following illustration shows the recommended rigging configuration and rigging configurations to avoid.



The example shown is not intended to represent all possibilities. It is the responsibility of the operator to assure the hook will function properly with the rigging.

Nylon Type Straps or Rope



Nylon type straps (or similar material) or rope must not be used directly on the cargo hook load beam. If nylon straps or rope must be used they should be first attached to a steel primary ring. Verify that the ring will freely slide off the load beam when it is opened. Only the primary ring should be in contact with the cargo hook load beam. See Figure 1.



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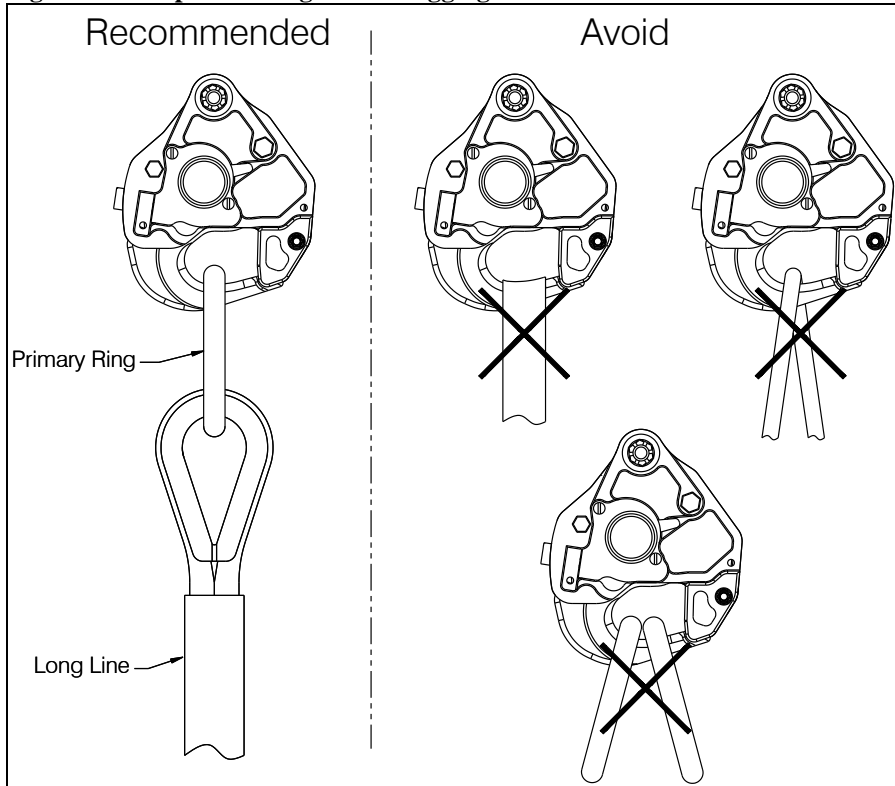
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IV. NORMAL PROCEDURES continued

Figure 1 Examples of Cargo Hook Rigging



V. PERFORMANCE

The basic Flight Manual and the “Cargo Hook Kit” Rotorcraft Flight Manual Supplement issued by MD Helicopters, Inc. remain applicable.

VI. WEIGHT AND BALANCE DATA

The “Cargo Hook Kit” Rotorcraft Flight Manual Supplement issued by MD Helicopters, Inc. remains applicable.

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