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FAA APPROVED

**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: Donald A. Wilsin
for Manager, Seattle Aircraft Certification Office

Date:

Revised: 18 June 08

	Rotorcraft Flight Manual Supplement	Document Number 121-006-00	
	MD 369/500 Cargo Hook Kit	Page 1 of 7	Rev. 4

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 external manual release cable. The electrical release harness and manual release cable interface with the rotorcraft's internal electrical wiring and internal manual release cable system (including the release lever) as supplied by MD Helicopters.

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 FAR Part 133 is applicable.

The cargo hook is approved for non-human cargo, class B rotorcraft load combinations only.

	Rotorcraft Flight Manual Supplement MD 369/500 Cargo Hook Kit	Document Number 121-006-00	Rev. 4
		Page 2 of 7	FAA Approved JUN 18 2008

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

Before each Cargo Hook use perform the following procedures. If the procedures are not successful do not use the equipment until the problem has been corrected.

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



Rotorcraft Flight Manual Supplement

MD 369/500 Cargo Hook Kit

Document Number
121-006-00

Rev. 4

Page
3 of 7

FAA Approved
JUN 18 2008

IV. NORMAL PROCEDURES continued

6. Cycle the manual release mechanism to ensure proper operation. Pulling the manual release handle 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 electrical release mechanism to ensure proper operation. Pressing CARGO RELEASE switch on 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.

	Rotorcraft Flight Manual Supplement MD 369/500 Cargo Hook Kit	Document Number 121-006-00	Rev. 4
		Page 4 of 7	FAA Approved JUN 18 2008

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.



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. Some combinations of small primary rings and large secondary rings could cause fouling during release.

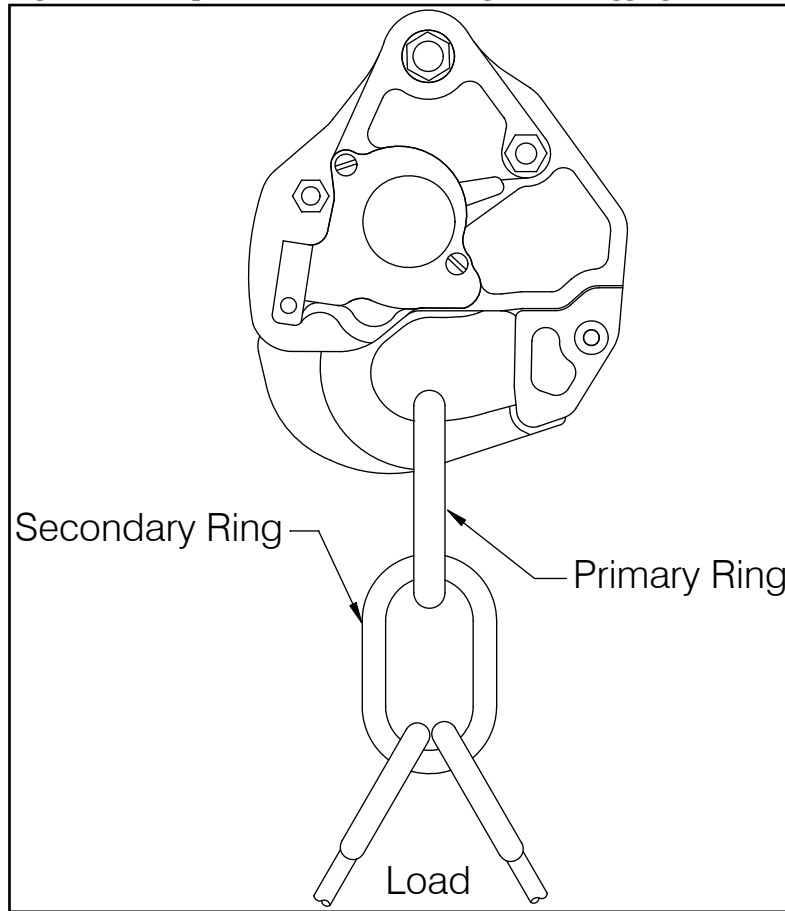
Nylon Type Straps or Rope



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.

IV. NORMAL PROCEDURES continued

Figure 1. Example of Recommended 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.



Rotorcraft Flight Manual Supplement

MD 369/500 Cargo Hook Kit

Document Number
121-006-00

Rev. 4

Page
7 of 7

FAA Approved
JUN 18 2008