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***FAA APPROVED***

***ROTORCRAFT FLIGHT MANUAL  
SUPPLEMENT***

***Llama Helicopter Model SA315B***

R/N \_\_\_\_\_ S/N \_\_\_\_\_

FAA Approved:   
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Seattle Aircraft Certification Office

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Manual Supplement

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Cargo Hook

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# INTRODUCTION

This supplement must be attached to the appropriate approved Rotorcraft Flight Manual when an Onboard Systems 200-270-00 or 200-271-00 Cargo Hook Kit is installed in accordance with Supplemental Type Certificate (STC) NO. SR00897SE. 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 applicable supplements.

## I. LIMITATIONS

The basic Flight Manual remains applicable. With a load attached to the cargo hook, operation shall be conducted in accordance with the respective national operational requirements. For US operators FAR Part 133 is applicable. This cargo hook is approved for non-human cargo, class B and C rotorcraft load combinations only.

## II. PERFORMANCE

The basic Flight Manual and Rotorcraft Flight Manual Supplement – Transport of External Loads remains applicable.

## III. 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. Inspect all mounting fasteners to ensure that they are tight.
2. Visually inspect the electrical connector for damage.
3. Inspect the case and covers for cracks and damage.
4. Inspect the load beam for gouges and cracks.
5. Cycle the manual release mechanism to ensure proper operation. Pulling manual release handle will cause hook to open. Hook may be returned to the locked position by manually pushing up on the loadbeam. The hook should snap shut. The hook may be flown in the open position to facilitate loading by a ground crew.
6. Cycle the electrical release mechanism to ensure proper operation. Pressing CARGO RELEASE switch on cyclic will cause hook to open. Hook may be returned to the locked position by manually pushing up on the loadbeam. The hook should snap shut. The hook may be flown in the open position to facilitate loading by a ground crew.



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### III. PROCEDURES, continued

Charge Larguee (load released) light when Onboard Hook Kit 200-271-00 is installed on a swing type suspension system. The load released light will be inoperative. Disregard references to this light in the Flight Manual Supplement – Transport of External Loads.

#### **Cargo Hook Rigging**

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

*CAUTION:* 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**

*CAUTION:* 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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### III. PROCEDURES, continued

Figure 1. Example of Recommended Cargo Hook Rigging.

