

**PLEASE CHECK WEB SITE AT WWW.ONBOARDSYSTEMS.COM FOR
THE LATEST REVISION OF THIS MANUAL**

**FAA APPROVED
ROTORCRAFT FLIGHT MANUAL
SUPPLEMENT**

STC SR00886SE

**Airbus Helicopters Models
AS350B, AS350B1, AS350B2, AS350B3
AS350BA, AS350D & EC130B4**

R/N _____ S/N _____

FAA Approved:

for



Manager, Seattle Aircraft Certification Office
Federal Aviation Administration
Renton, Washington

Date: 2/22/2018



RFM Supplement

Document Number
121-005-00

Cargo Hook Kit

Page
1 of 10

Revision 4

Record of Revisions

Rev.	Date	Page(s)	Reason for Revision
0	March 6, 2001	All	Initial Release.
1	Jan. 2, 2003	All	Added AS350B3 model.
2	Dec. 10, 2004	All	Added EC130B4 model.
3	June 9, 2006	All	Revised RFMS to new Onboard Systems format for the AS350 series and also to match the OEM format (this included adding a separate section titled Emergency Procedures).
4	Feb. 22, 2018	All	Removed reference to RLC classes. Updated formatting throughout.



RFM Supplement

Document Number
121-005-00

Rev. 4

Cargo Hook Kit

Page
2 of 10

FAA Approved
FEB 22 2018

1. GENERAL

This supplement must be attached to the appropriate FAA approved Airbus Helicopters Rotorcraft Flight Manual when an Onboard Systems 200-261-00 Cargo Hook Kit is installed in accordance with Supplemental Type Certificate (STC) NO. SR00886SE. 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 Airbus Helicopters Rotorcraft Flight Manual Supplement – External Load Transport.

The 200-261-00 Cargo Hook Kit is a replacement hook kit that is intended for a rotorcraft with a type certificated cargo hook previously installed. The kit includes the cargo hook and adapters to interface with the rotorcraft's manual and electrical release systems. In combination with the rotorcraft's existing cargo hook provisions, it provides a means for transporting jettisonable external loads.

	RFM Supplement	Document Number 121-005-00	Rev. 4
	Cargo Hook Kit	Page 3 of 10	FAA Approved FEB 22 2018

2. LIMITATIONS

The limitations specified in the basic Flight Manual and the Airbus Helicopters' Flight Manual Supplement – External Load Transport remain applicable and are completed or modified by the following.

Operating Limitations

With a load attached to the cargo hook, operation shall be conducted in accordance with the respective national operational requirements.

The cargo hook kit configuration as installed per this STC (SR00886SE) does not meet the 14 CFR part 27 certification requirements for Human External Cargo (HEC).



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

	RFM Supplement	Document Number 121-005-00	Rev. 4
	Cargo Hook Kit	Page 4 of 10	FAA Approved FEB 22 2018

2. **LIMITATIONS** continued


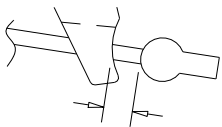
Cargo hook maximum load

The maximum load to be carried on the cargo hook is the lesser of that specified by the Airbus Helicopters' Flight Manual Supplement – External Load Transport or 3500 lbs (1587 kg).



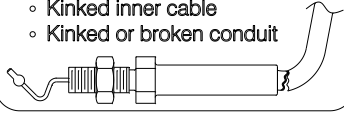
Placards

The following placards are included with the cargo hook kit. Consult the Airbus Helicopters Flight Manual Supplement for additional placards.

Adhered on the underside of the cargo hook electrical housing:

	<p>WARNING</p> <p>Inadvertent loss of load can result from improper cable adjustment. See manual for complete instructions.</p>	 <p>.13 in / 3.2 mm min</p>
---	--	--

If Onboard Systems manual release cable P/N 268-024-02 is installed the following is attached around the manual release cable.

 <p>WARNING</p> <ul style="list-style-type: none"> ◦ Route to avoid strain ◦ Rig with proper free play ◦ Replace as condition requires (See reverse) ◦ See manual for complete instructions <p style="text-align: center;">One Side</p>	 <p>WARNING</p> <p>Causes for replacement:</p> <ul style="list-style-type: none"> ◦ Kinked inner cable ◦ Kinked or broken conduit  <p style="text-align: center;">Opposite Side</p>
--	--



RFM Supplement

Document Number
121-005-00

Rev. 4

Cargo Hook Kit

Page
5 of 10

FAA Approved
FEB 22 2018

3. **EMERGENCY PROCEDURES**

Consult the Airbus Helicopters Flight Manual Supplement for emergency procedures.

4. **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 cargo hook fasteners to ensure that they are secure.
2. Visually check the electrical connector for damage and security.
3. Visually check the cargo hook case and covers for cracks and damage.
4. Visually check the cargo hook load beam for gouges and cracks.
5. Cycle the cargo hook's manual release system to ensure proper operation. Pull the manual release lever on the collective and the cargo hook should open (without a load on it). Return the cargo hook to its closed position by manually pushing up on the load beam. The load beam should snap shut.
6. Cycle the cargo hook's electrical release system to ensure proper operation. Press the CARGO RELEASE switch on the cyclic and the cargo hook load beam should open (without a load on it). Return the cargo hook to its closed position by manually pushing up on the load beam. The load beam should snap shut. The cargo hook may be flown in the open position to facilitate loading by a ground crew.

	RFM Supplement	Document Number 121-005-00	Rev. 4
	Cargo Hook Kit	Page 6 of 10	FAA Approved FEB 22 2018

4. NORMAL PROCEDURES continued

7. If an Onboard Systems manual release cable P/N 268-024-02 is installed visually check it for damage and security. Pay close attention to the flexible conduit at the area of transition to the steel fitting at the cargo hook. Check for kinked, broken, or splitting of the heat shrink and outer black conduit in this area and separation of the conduit from the steel fitting.



Manual release cables are wearable items and must be replaced as condition requires. Broken or kinked conduit, inner cable kinks, frays, or sticky operation are each cause for immediate replacement.



RFM Supplement

Document Number
121-005-00

Rev. 4

Cargo Hook Kit

Page
7 of 10

FAA Approved
FEB 22 2018

4. **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 to avoid.



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



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 4.1.



RFM Supplement

Document Number
121-005-00

Rev. 4

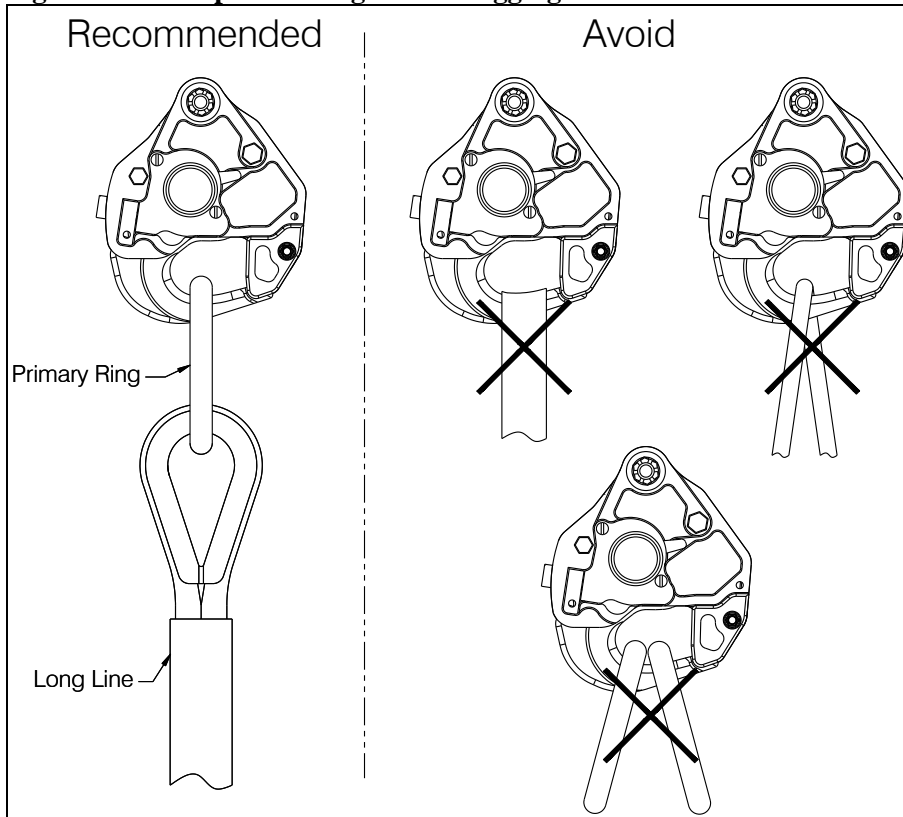
Cargo Hook Kit

Page
8 of 10

FAA Approved
FEB 22 2018

4. NORMAL PROCEDURES continued

Figure 4.1 Examples of Cargo Hook Rigging



5. PERFORMANCE

The basic Flight Manual and Rotorcraft Flight Manual Supplement-External Load Transport issued by Airbus Helicopters remain applicable.

	RFM Supplement	Document Number 121-005-00	Rev. 4
	Cargo Hook Kit	Page 10 of 10	FAA Approved FEB 22 2018