



# Precision Lift, Inc.



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## Helicopters That Can Transport a Heli-Basket®

### Introduction

The Heli-Basket is carried as an external load by a helicopter with sufficient power and lift capability. The pilot uses standard military external load procedures or vertical reference to lift and land the Heli-Basket.

### Load Requirements

All helicopters with an external load lifting capability of 5100 lbs. are able to maximize the use of the Heli-Basket. This includes the Type 1 helicopters listed by the Inter-Agency Fire Aviation Center in Boise, Idaho (see link below). The empty Heli-Basket and its rigging weigh 600 lbs. The maximum load of cargo that can be carried in a standard Heli-Basket is 4,500 pounds. Smaller helicopters may be able to carry smaller loads.

### An Abbreviated List of Rotorcraft Manufacturers

[Sikorsky](#)

[Bell](#)

[Kaman Aerospace](#)

[Eurocopter](#)

[American Eurocopter](#)

[Boeing](#)

[Agusta](#)

[AgustaWestland](#)

[Westland](#)

[MD Helicopters](#)

[Vertical Aviation Technologies](#)

[Erickson Aircrane](#)

[Kamov](#)

[Mil](#)

[Hindustan](#)

### FAA Regulations on Helicopters Carrying External Loads

- [Airworthiness Standards](#) (See Section 29.865 for External Loads.)
- [External Load Operations](#) (See all sections in Part 133)

[Note: Use of the Heli-Basket for commercial (i.e. for compensation) movement of persons requires a supplemental type certificate for the particular aircraft type used.]

### **National Interagency Fire Center Helicopter Operations Manual**

- [Helicopter Operations including External Loads](#)

## **Links to Other Sites**

### **Data and Photos for Various Helicopter Models**

[Flug-Revue](#) Website on helicopters.

### **Helicopter Organizations**

[Helicopter Association International](#) - Contains websites of many operators.

[Airborne Law Enforcement Association \(ALEA\)](#) - News, photos, and videoclips.

[American Helicopter Museum and Education Center](#) - Museum, airshow, and many links.

[AHS-Int'l - The Vertical Flight Society](#) - Advancing vertical flight technology.

[Association of Air Medical Services \(AAMS\)](#) - Represents companies operating medical air transport services.

[Helicopter Association of Canada](#) - Civil helicopter industry in Canada.

[California Section of the Mountain Rescue Association](#) - Search and rescue operations in California.

[National EMS Pilots Association \(NEMSPA\)](#) - This association for medical flight pilots has a pamphlet on how to prepare landing zones.

[Popular Rotorcraft Association](#) - Personal and training rotorcraft.

[Igor Sikorsky Historical Archives](#) - History of the inventor and first manufacturer of helicopters.

### **Up-To-Date News About the Helicopter Industry**



***Rotorhub.com***  
The Hub of the Helicopter Industry

- [Rotorhub.com](http://Rotorhub.com)  
- an online magazine

- [Helicopter Association International](#) - an association for the commercial helicopter industry

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