



Aero Design Ltd.
Helicopter Cargo Baskets and Accessories

The Product

Aero Design cargo baskets provide operators with the ability to carry any item large or small, protecting both passengers and the aircraft interior from harmful or uncomfortable items, and allowing operators to consider potential new contract types and sources of revenue. Dirty or potentially damaging items such as chainsaws, shovels, bambi-buckets or other work gear, as well as ski's, snow boards, poles or even a VIP lunch for the day, are perfect examples of items that can be carried in our cargo baskets. From an operational standpoint, necessary items such as fuel jugs or bear spray that could be harmful to passengers and crew are required to be external cargo. In an environment where a long line is not always an option, an Aero Design cargo basket is the perfect choice.

The Aero Design quick release system is the superior choice on the market. Once the hard mount provisions are installed, the basket simply clips on and off using basket mounted lugs and keyways in the mounting beams. The entire process of basket installation and subsequent removal only takes a few seconds, and with the addition of the optional hangar wheel, the pilot or technician can complete the task in less time than it takes to do the weight and balance amendment.

Aero Design has a selection of steps that work complementary with the quick release mounts used for the cargo basket installation. Where possible, additional keyways have been incorporated into the mounting beams to allow for stowage of the step while the cargo basket is installed. Several models of forward cabin steps for the Eurocopter AS350/355 are available to fit with the Aero Design cargo baskets, and a number of maintenance step options are also available.

Knowing how important the bottom line is to your business, a low cost conversion kit is available for operators wishing to shorten their existing step to work with an Aero Design cargo basket. For tour operators, Aero Design has two models of commuter step for the AS350/355 allowing passengers three easy, evenly placed steps up into the cabin as opposed to the traditional high step up and long step in to the cabin.

No matter what your mission is, Aero Design has you covered for all of your external cargo carrying needs.



Aero Design - The Company

Aero Design has been developing and building approved helicopter cargo baskets since 1999, and have a catalogue of products of various sizes and configurations for a range of helicopters.

Aero Design changed ownership in 2013 and partners Jason Rekke, Jeff Clarke, and Wanda Rekke have since relocated the business from Calgary, Alberta, Canada to a new facility in Powell River, British Columbia, Canada. This beautiful West Coast facility has enabled the expansion of Aero Design product lines.

The business is managed by long-term Aero Design employee Jeff Clarke, Professional Technologist (Engineering), along with Jason Rekke, an M1/M2 Licensed AME, and Wanda Rekke, Office Manager.

Aero Design has developed into the premier manufacturer of aeronautical products including helicopter cargo baskets and steps, the replacement Bell 206/407 Cyclic Friction, and the Bell medium Rappel Mount and Cargo Deployment System.

All Aero Design products are certified in Canada and the USA. The broadening number of certifications available to Europe and other regions will ensure that Aero Design is the source for your helicopter cargo basket and accessory needs.



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Bell 206L/407

All four sizes of Aero Design Bell 206L/407 helicopter cargo basket are available for the right hand side of the aircraft, affording the pilot a visual on the contents and lid for security. Sizes range from the low-mounted 75.25" long utility basket, all the way up to the two massive high and low-mounted ski baskets at 96.5" long. For those operators wishing to maintain a smaller fleet of baskets while still having the ability to carry longer items, all three low-mounted options use the same mounting provisions giving multi-aircraft operators the option of moving a variety of baskets throughout their fleet without changing provisions.



Eurocopter AS350/355

The AS350/355 line of baskets is available in four sizes and can be installed on either side of the aircraft, with the short, long and extra large ski basket models able to swap from side to side. The mounting provisions, though sided to the aircraft, are able to accept any of the four baskets. With the highest payload volumes and weights, and the lightest installed weights, coupled with the premier quick release system on the market, the Aero Design Eurocopter AS350/355 line of cargo baskets is easily the best choice for any operator.



Robinson R44

At 75.25" long and available for the left or right side of the aircraft, the Aero Design R44 cargo basket is a must for any private or commercial operator. Offering much needed additional cargo carrying capacity and a number of optional cut-out possibilities, items such as LIDAR scanners or camera mounts can easily be fitted to the interior of the basket and have allowed safe and legal options to Robinson operators in various industries around the globe. With the addition of the Aero Design dry bag, personal items such as golf bags can be stowed for flight without the risk of wind or water damage.



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Bell 206B

With 53.1", 71.5" and 83.5" lengths available and the optional front end cut-out, the added cargo capacity along with the industry known low direct operating costs of the old "Jet Buggy", once again Aero Design is able to offer operators the ability to explore new revenue streams that may not have otherwise been available.



Bell 429

The Aero Design Bell 429 cargo basket is one of the newest models to enter the Aero Design fleet of products. The lid is completely covered in aluminum checker plate and a solid sheet front face give this basket a very distinctive look, though the bones are obviously Aero Design. The basket is available on the left or right hand side and once again has the signature Aero Design quick release fittings and comes in a standard 96.5" length.

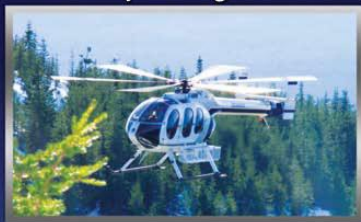


Bell 205/212/412

Aero Design offers two cargo baskets for the Bell medium helicopter to suit your mission requirements. Whether you are transporting firefighting equipment or a full cabin of skiers and their gear up the mountain for a day on the backcountry slopes, the Aero Design 71.5" or 89.25" cargo baskets offer exceptional volume and versatility proving once again that Aero Design continues to be the source for your external cargo carrying needs.



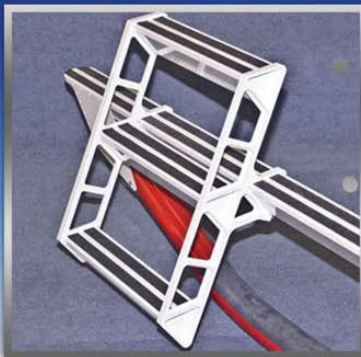
Helicopter Cargo Baskets



MD 600N

The MD600N is a solid platform in its own right with a tiny footprint, outstanding noise characteristics and a get up and go attitude, but add into that mix the Aero Design MD600N Utility Basket Installation and you really have something. Available for left or right hand configuration, this basket allows the operator to add quick and easy additional cargo space in mere seconds.

Accessories



Commuter Step

Aero Design strives to offer products and solutions that give your company the competitive edge and the Aero Design Commuter Step Installation for tour operators is no exception. The AS350/355 Commuter Step Installation is offered in either a fixed mount Supplemental Type Certified version or a quick release removable version, each offering passengers three evenly spaced comfortable steps up into the cabin of the helicopter.



Cabin, Maintenance, and Pilot Access Steps

Aero Design offers a variety of fixed and quick release step options to suit the needs of operators from all areas of the helicopter industry. Where possible, quick release step storage provisions have been incorporated into the cargo basket mounting beams for convenience and sustaining payload volumes. And finally, optional peg steps and extended maintenance steps offer two more examples of Aero Design products that come from the industry for the industry.

For AS350 operators who have already invested in a fixed cabin step from our competitors, Aero Design offers a low cost conversion kit that shortens the existing steps to work with any of the Aero Design AS350 line of baskets.



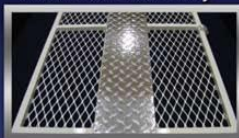
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Basket Options

Dry Bag



Lid Mounted Walkway



Front End Cut-Out



Hangar Wheel



Additional Aero Design Products

The Bell 206/407 Cyclic Friction

Aero Design Ltd. offers the only option currently available for the replacement of the Bell 206/407 cyclic friction. With roots in the utility helicopter industry in North America, the part was designed for easy installation and set up of minimum friction with exceptional control of additional and full friction. The historical wear components have been removed from the installation ensuring the initial purchase price far out weighs parts replacement costs of the OEM design.



The Bell 205/212/412 Rappel Mount and Cargo Deployment System

The Aero Design Bell 205/212/412 Rappel Mount and Cargo Deployment System is a low cost solution for any firefighting operator wishing to pursue the lucrative Rapatack firefighting contracts. The Aero Design system employs a light weight low profile rappel bar with an easy stow cargo deployment arm that locks into place when either in use or in the stowed position.



Technical Information

Bell 206B Cargo Baskets

Canadian STC: SH09-5

FAA STC: SR02721NY

	Short Basket	Medium Basket	Long Basket
Cargo Capacity	200.0 lb / 90.5 kg	200.0 lb / 90.5 kg	200.0 lb / 90.5 kg
Installation Weight	61.1 lb / 27.6 kg	71.1 lb / 32.2 kg	76.1 lb / 34.4 kg
Length	53.1 in / 134.9 cm	71.5 in / 181.6 cm	83.5 in / 212.1 cm
Width	21.0 in / 53.3 cm	21.0 in / 53.3 cm	21.0 in / 53.3 cm
Depth	15.8 in / 40.0 cm	15.8 in / 40.0 cm	15.8 in / 40.0 cm
Volume	8.3 cu. ft. / 235.0 L	11.2 cu. ft. / 317.1 L	13.1 cu. ft. / 371.0 L
Flight Restrictions (Vne)	none	none	none
Cabin Step Weight	9.0 lb / 4.1 kg	9.0 lb / 4.1 kg	9.0 lb / 4.1 kg
Pilot Peg Step Weight	1.0 lb / 0.5 kg	1.0 lb / 0.5 kg	1.0 lb / 0.5 kg

Bell 206L Cargo Baskets

Canadian STC: SH00-48

FAA STC: SR02253NY

	Standard Basket	Extra Wide Basket	Ski Basket	Ski Basket (high mounted)
Cargo Capacity	300.0 lb / 135.7 kg	300.0 lb / 135.7 kg	300.0 lb / 135.7 kg	200.0 lb / 90.5 kg
Installation Weight	71.0 lb / 32.1 kg	73.8 lb / 33.4 kg	89.0 lb / 40.4 kg	84.8 lb / 38.4 kg
Length	75.3 in / 191.1 cm	75.3 in / 191.1 cm	96.5 in / 245.1 cm	96.5 in / 245.1 cm
Width	21.0 in / 53.3 cm	24.3 in / 61.6 cm	24.3 in / 61.6 cm	21.0 in / 53.3 cm
Depth	15.8 in / 40.0 cm	17.0 in / 43.2 cm	17.0 in / 43.2 cm	18.8 in / 47.6 cm
Volume	14.1 cu. ft. / 399.3 L	17.5 cu. ft. / 495.5 L	21.1 cu. ft. / 597.5 L	21.3 cu. ft. / 603.1 L
Flight Restrictions (Vne)	none	none	none	none
Cabin Step Weight	8.2 lb / 3.7 kg	8.2 lb / 3.7 kg	8.2 lb / 3.7 kg	N/A
Pilot Peg Step Weight	1.0 lb / 0.5 kg	1.0 lb / 0.5 kg	1.0 lb / 0.5 kg	1.0 lb / 0.5 kg

Bell 407 Cargo Baskets

Canadian STC: SH00-48

FAA STC: SR02253NY

	Standard Basket	Extra Wide Basket	Ski Basket	Ski Basket (high mounted)
Cargo Capacity	300.0 lb / 135.7 kg	300.0 lb / 135.7 kg	300.0 lb / 135.7 kg	200.0 lb / 90.5 kg
Installation Weight	68.1 lb / 30.8 kg	70.9 lb / 32.1 kg	86.1 lb / 39.0 kg	81.9 lb / 37.1 kg
Length	75.3 in / 191.1 cm	75.3 in / 191.1 cm	96.5 in / 245.1 cm	96.5 in / 245.1 cm
Width	21.0 in / 53.3 cm	24.3 in / 61.6 cm	24.3 in / 61.6 cm	21.0 in / 53.3 cm
Depth	15.8 in / 40.0 cm	17.0 in / 43.2 cm	17.0 in / 43.2 cm	18.8 in / 47.6 cm
Volume	14.1 cu. ft. / 399.3 L	17.5 cu. ft. / 495.5 L	21.1 cu. ft. / 597.5 L	21.3 cu. ft. / 603.1 L
Flight Restrictions (Vne)	140 KIAS	140 KIAS	140 KIAS	140 KIAS
Cabin Step Weight	8.2 lb / 3.7 kg	8.2 lb / 3.7 kg	8.2 lb / 3.7 kg	N/A
Pilot Peg Step Weight	1.0 lb / 0.5 kg	1.0 lb / 0.5 kg	1.0 lb / 0.5 kg	1.0 lb / 0.5 kg

Bell 205 / 212 / 412 Cargo Baskets

Canadian STC: SH07-56
 FAA STC: SR02730NY

Standard Basket
 Cargo Capacity 300.0 lb / 135.7 kg
 Installation Weight 68.1 lb / 30.8 kg
 Length 71.5 in / 181.6 cm
 Width 21.0 in / 53.3 cm
 Depth 15.8 in / 40.0 cm
 Volume 13.4 cu. ft. / 379.4 L
 Flight Restrictions (Vne) none
 Cabin Step Weight 7.8 lb / 3.5 kg

Extra Large Ski Basket
 Cargo Capacity 300.0 lb / 135.7 kg
 Installation Weight 70.9 lb / 32.1 kg
 Length 89.3 in / 226.7 cm
 Width 24.3 in / 61.6 cm
 Depth 17.0 in / 43.2 cm
 Volume 20.8 cu. ft. / 589.0 L
 Flight Restrictions (Vne) none
 Cabin Step Weight 7.8 lb / 3.5 kg

Bell 429 Cargo Baskets

Canadian STC: SH00-48
 FAA STC: SR02253NY EASA STC: 10043360

Standard Basket
 Cargo Capacity 300.0 lb / 135.7 kg
 Installation Weight 102.4 lb / 46.3 kg
 Length 96.5 in / 245.1 cm
 Width 24.3 in / 61.6 cm
 Depth 17.0 in / 43.2 cm
 Volume 22.5 cu. ft. / 637.1 L
 Flight Restrictions (Vne) 130 KIAS
 Cabin Step Weight 6.0 lb / 2.7 kg

Eurocopter AS35 / 355 Cargo Baskets

Canadian STC: SH08-16
 FAA STC: SR02680NY

Short Basket
 Cargo Capacity 300.0 lb / 135.7 kg
 Installation Weight 41.4 lb / 18.7 kg
 Length 56.8 in / 144.1 cm
 Width 21.0 in / 53.3 cm
 Depth 17.4 in / 44.1 cm
 Volume 10.5 cu. ft. / 297.3 L
 Flight Restrictions (Vne) none
 Cabin Step Weight 5.0 lb / 2.3 kg

Steps

Canadian STC: SH09-38
 FAA STC: SR02770NY

Medium Basket
 Cargo Capacity 250.0 lb / 113.1 kg
 Installation Weight 51.4 lb / 23.3 kg
 Length 75.3 in / 191.1 cm
 Width 21.0 in / 53.3 cm
 Depth 17.4 in / 44.1 cm
 Volume 13.9 cu. ft. / 393.6 L
 Flight Restrictions (Vne) none
 Cabin Step Weight 5.0 lb / 2.3 kg

Long Basket
 Cargo Capacity 250.0 lb / 113.1 kg
 Installation Weight 63.9 lb / 28.9 kg
 Length 92.8 in / 235.6 cm
 Width 21.0 in / 53.3 cm
 Depth 17.4 in / 44.1 cm
 Volume 17.2 cu. ft. / 487.0 L
 Flight Restrictions (Vne) none
 Cabin Step Weight 4.2 lb / 1.9 kg

Extra Large (Ski) Basket
 Cargo Capacity 300.0 lb / 135.7 kg
 Installation Weight 71.2 lb / 32.2 kg
 Length 96.5 in / 245.1 cm
 Width 24.3 in / 61.6 cm
 Depth 18.3 in / 46.4 cm
 Volume 21.8 cu. ft. / 617.3 L
 Flight Restrictions (Vne) none
 Cabin Step Weight 4.2 lb / 1.9 kg

MD Helicopters MD600N Cargo Baskets

Canadian STC: SH09-1
 FAA STC: SR02728NY

Standard Basket
 Cargo Capacity 200.0 lb / 90.5 kg
 Installation Weight 56.2 lb / 25.5 kg
 Length 65.0 in / 165.1 cm
 Width 21.0 in / 53.3 cm
 Depth 15.8 in / 40.0 cm
 Volume 12.2 cu. ft. / 345.5 L
 Flight Restrictions (Vne) 135 KIAS
 Cabin Step Weight 5.0 lb / 2.3 kg

Robinson R44 Cargo Baskets

Canadian STC: SH10-48
 FAA STC: SR02991NY

Standard Basket
 Cargo Capacity 175.0 lb / 79.2 kg
 Installation Weight 53.4 lb / 24.2 kg
 Length 75.3 in / 191.1 cm
 Width 21.0 in / 53.3 cm
 Depth 15.8 in / 40.0 cm
 Volume 13.3 cu. ft. / 376.6 L
 Flight Restrictions (Vne) 110 KIAS
 Cabin Step Weight N/A

Build Options

<i>Helicopter</i>	<i>Basket (Length)</i>	<i>Options & Accessories</i>
Bell		
<input type="checkbox"/> 206L Series	<input type="checkbox"/> Standard (75.3")	<input type="checkbox"/> Basket Front End Cur-Out
<input type="checkbox"/> 407	<input type="checkbox"/> Extra Wide Utility (75.3")	<input type="checkbox"/> Lid Maintenance Walkway
<input type="checkbox"/> Right Side Only	<input type="checkbox"/> Extra Large Ski (96.5")	<input type="checkbox"/> Hangar Wheel
	<input type="checkbox"/> High Mounted Ski (96.5")	<input type="checkbox"/> Pilot Peg Step
		<input type="checkbox"/> Quick Release Cabin Step
<input type="checkbox"/> 206B	<input type="checkbox"/> Short (53.1")	<input type="checkbox"/> Basket Front End Cur-Out
<input type="checkbox"/> Right Side Only	<input type="checkbox"/> Medium (71.5")	<input type="checkbox"/> Lid Maintenance Walkway
	<input type="checkbox"/> Long (83.5")	<input type="checkbox"/> Hangar Wheel
		<input type="checkbox"/> Quick Release Cabin Step
<input type="checkbox"/> 205 / 212 / 412	<input type="checkbox"/> Standard (71.5")	<input type="checkbox"/> Basket Front End Cur-Out
<input type="checkbox"/> Right Side	<input type="checkbox"/> Large Ski (89.3")	<input type="checkbox"/> Lid Maintenance Walkway
<input type="checkbox"/> Left Side		<input type="checkbox"/> Hangar Wheel
		<input type="checkbox"/> Pilot Peg Step
		<input type="checkbox"/> Quick Release Cabin Step
<input type="checkbox"/> 429	<input type="checkbox"/> Standard (96.5")	<input type="checkbox"/> Hangar Wheel
<input type="checkbox"/> Right Side		<input type="checkbox"/> Quick Release Cabin Step
<input type="checkbox"/> Left Side		<input type="checkbox"/> Fixed Cabin Step
Eurocopter		
<input type="checkbox"/> AS350 / AS355 Series	<input type="checkbox"/> Short (56.8")	<input type="checkbox"/> Basket Front End Cur-Out
<input type="checkbox"/> Right Side	<input type="checkbox"/> Medium (75.3")	<input type="checkbox"/> Lid Maintenance Walkway
<input type="checkbox"/> Left Side	<input type="checkbox"/> Long (92.8")	<input type="checkbox"/> Hangar Wheel
	<input type="checkbox"/> Extra Large Ski (96.5")	
<input type="checkbox"/> DART Check Pods	<input type="checkbox"/> Short / Medium Basket	<input type="checkbox"/> Long Fixed Cabin Step; or
<input type="checkbox"/> ECL Check Pods	<input type="checkbox"/> Long DART Step Conversion
	<input type="checkbox"/> Long / Extra Large Basket	<input type="checkbox"/> Short Fixed Cabin Step; or
	<input type="checkbox"/> Short DART Step Conversion
		<input type="checkbox"/> Quick Release Maintenance Step
		<input type="checkbox"/> Maintenance Peg Step
MD Helicopters		
<input type="checkbox"/> MD600N	<input type="checkbox"/> Standard (65")	<input type="checkbox"/> Quick Release Cabin Step
<input type="checkbox"/> Right Side		<input type="checkbox"/> Fixed Cabin Step
<input type="checkbox"/> Left Side		<input type="checkbox"/> Hangar Wheel
Robinson		
<input type="checkbox"/> R44 / R44 II	<input type="checkbox"/> Standard (75.3")	<input type="checkbox"/> Hangar Wheel
<input type="checkbox"/> Right Side		
<input type="checkbox"/> Left Side		



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BEARPAWS!

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