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FOR IMMEDIATE RELEASE

LIGHTNING HYBRIDS INTRODUCES LIGHTWEIGHT HYDRAULIC ACCUMULATORS

Colorado company produces tanks that are one-third the weight of standard tanks

Loveland, Colorado (July 12, 2010) — Lightning Hybrids Inc. (LHI) today introduced their lightweight **high pressure composite bladder accumulators** for hydraulic and other energy storage applications.

Prices for LHI's compositetanks are **comparable to prices on similarly-priced steel accumulators** and are **one-third the weight** of standard steel accumulators and offer significant **energy savings** due to weight reduction, **increased safety** due to a higher than standard burst pressure factor, and cost savings because they are **easier and less expensive to ship and install** since weight and mounting hardware is minimized.

The patent-pending tanks were **engineered by Lightning Hybrids** specifically for use in the company's HyPER Assist™ hydraulic hybrid vehicle application. Though it quickly became evident that there are other uses for these lightweight energy storage tanks such as emergency vehicles, forestry, agricultural and mining mobile equipment, among others.

"Our lightweight accumulators enhance the performance and efficiency of a variety of hydraulic systems," stated **Dan Johnson, LHI's CEO**, "in addition they add a higher dimension of safety and reliability over standard steel accumulators for the same price."

Structural Composites Industries, a subsidiary of Worthington Cylinders, manufactures the accumulators for Lightning Hybrids. SCI is a world-recognized leader in high pressure tank manufacturing with an impeccable safety record and has managed the certifications required for these high-pressure tanks.

Lightning Hybrids' accumulators are **6,000 PSI bladder accumulators** and range in size from 10 to 30 gallons. They are a Type 3 tank and consist of an aluminum lining and a spun carbon fiber wrapped shell, encompassing a nitrogen gas compression bladder. LHI's carbon fiber wrapped vessels are considerably lighter than their steel counterparts. For

example, a 15 gallon accumulator weighs 115 pounds compared to 465 pounds for a steel accumulator. LHI's accumulators are **made and assembled in the U.S.A.** Orders are currently being taken with delivery 60 days from receipt of order. For more information please call 1-800-223-0740 ext. 102 or email bonnie@lightninghybrids.com.

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About Lightning Hybrids Inc.

Lightning Hybrids is an innovative automotive research and manufacturing company based in Loveland, Colorado. We focus on hydraulic solutions for vehicles – ranging from the fuel efficient HyPER Assist™ retrofit system to lightweight composite accumulators and hydraulic-hybrid sports sedans. The HyPER Assist™ (Hydraulic Propulsion & Energy Recovery) is a hydraulic hybrid system for fleet vehicles that delivers more than **40 percent improvement in fuel economy** by regenerating braking energy and **decreases greenhouse gas emissions by 50 percent**. Our **high pressure composite bladder accumulators** for hydraulic and other energy storage applications are safer and weight only one-third the amount of standard steel accumulators.

For more information about Lightning Hybrids, please visit www.lightninghybrids.com

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