

FOR IMMEDIATE RELEASE

## AEROSCRAFT CORPORATION AND CARGOLUX AIRLINES INTERNATIONAL S.A SIGN MEMORANDUM OF UNDERSTANDING (MOU)

### Aeros and Cargolux Will Examine European Air Transportation and Logistic Services with Aeroscraft Fleet

**December 12, 2013 – (LOS ANGELES/ LUXEMBURG)** – Aeroscraft Corporation (Aeros), the innovator of a new variable-buoyancy cargo airship known as the Aeroscraft, and Cargolux Airlines International S.A (Cargolux), the leading air cargo carrier in Europe, have signed a memorandum of understanding.



Cargolux and Aeros are working together to explore a strategic partnership that provides new vertical airfreight logistical services and intermodal standard container transportation solutions. The two aviation leaders will explore the benefits and structure surrounding utilization of the Aeroscraft's capabilities to provide air transportation and logistics services throughout the European and North African regions, and beyond.

The Aeroscraft will solve many current logistical problems through its vertical take-off and landing (VTOL) capability for heavy and oversized cargo, and ability to transport ISO containers vertically.

The Aeroscraft fleet ultimately augments air cargo distribution to new destinations throughout the world.

The new partnership with Aeroscraft will allow Cargolux to:

- Continue a 40-year history of innovation by becoming a launch partner for the Aeroscraft 66 short ton (ML866) and the Aeroscraft 250 short ton (ML868) models
- Evaluate the benefits of offering access to Aeroscraft vertical lift logistics services to global partners and strategic clients
- Take advantage of priority in the availability of the Aeroscraft service and operational fuel savings

*"Cargolux is pleased to sign this memorandum of understanding with Aeros and excited to further explore client solutions surrounding the introduction of this innovative new type of aircraft,"* adds **Richard Forson**, Cargolux's Interim President & CEO.

Similarly, the new partnership will allow Aeroscraft to:

- Gain access to Cargolux's leading airfreight network in Europe and the surrounding regions
- Leverage Cargolux's extensive project and general cargo expertise supporting operations
- Gain access to Cargolux's network and expertise in providing maintenance services to support the Aeroscraft's European operations

*“As the European leader in air cargo and project cargo logistics, Cargolux is a natural partner for Aeros’ while introducing a new global point-to-point network for air cargo delivery,” explains Igor Pasternak, CEO of Aeros. “We’re excited to work with Cargolux in expansion of their already impressive service capabilities to provide new delivery alternatives for both project and general cargo clients throughout Cargolux’s extensive network serving more than 50 countries.”*

Cargolux is a dedicated cargo airline and the leading air cargo carrier in Europe offering tailor made services to customers worldwide by leveraging expertise, reliability, and flexibility. Cargolux has grown over 40 years through sustained attention to customer needs to become Europe’s biggest all-cargo airline, now specialized in delivery of general cargo, perishables, oversized and heavy project cargo, and temperature sensitive goods, among others. In 2012, Cargolux carried 645,759 tons of cargo on its worldwide network; the airline operated one of the youngest fleets, including 11 Boeing 747-400F and six 747-8F aircraft as part of its growing fleet at the end of December 2012.

Aeros’ newest vehicle, the Aeroscraft, will deliver opportunities for business and consumers globally through access to remote locations, and by its new VTOL cargo delivery capabilities. Aeros plans to have the first of its initial fleet of 22 vehicles ready for operation in 2016, in two different classes; the 66-ton capacity ML866 with a range of up to 3,100 nautical miles and the 250-ton ML868 with a range exceeding 5,000 nautical miles. This fleet will operate on an ACMI lease model, providing services including aircraft, crew, maintenance, and insurance.

The proof-of-design technology demonstration vehicle for the Aeroscraft was successful in establishing its internal variable buoyancy technology in January 2013, known as COSH or control-of-static-heaviness, and the advanced prototype demonstrated integration of this key technology with other innovative sub-systems during flight operations in the fall of this year. The demonstration of technological maturity now leads Aeros into fleet development for two configurations of the innovative aircraft this decade, a smaller 66-ton capacity vehicle (ML866), and a larger 250-ton capacity vehicle (ML868).



**About Cargolux:** Cargolux, based in Luxembourg, is Europe’s leading all-cargo airline with a modern and efficient fleet composed of 9 Boeing 747-8 freighters and 11 Boeing 747-400 freighters. The Cargolux worldwide network covers 90 destinations, 60 of which are served on scheduled all-cargo flights. The company has more than 85 offices in over 50 countries, and also offers an extensive global

trucking network to more than 250 destinations as well as charter and aircraft maintenance services. Cargolux employs over 1,500 staff worldwide.



**About the Aeroscraft:** An Aeroscraft is a new type of Rigid Variable Buoyancy Air Vehicle, designed to control lift in all stages of air or ground operations, including the ability to off-load heavy payloads without the need to re-ballast. For the first time in history, an aircraft has been designed to control and adjust buoyant and dynamic

lift, creating a new paradigm for global air transportation and logistics. Poised to enhance the air transportation industry, the Aeroscraft will deliver opportunities for business and consumers globally through access to remote locations and by new VTOL cargo delivery capabilities. The key features of the Aeroscraft include a rigid structure, vertical takeoff and landing, and operational abilities at low speed, in hover, and from unprepared surfaces.

**The Aeroscraft Solution:** The Aeroscraft vehicle is a vertical logistical solution to many of the difficulties facing the cargo world today, and is poised to disrupt the current hub-and-spoke distributional model characterized by intermodal cargo transfers and distribution delays. The benefits of the Aeroscraft are expected to be globally transformational and significant to humanity. The Aeroscraft fleet will introduce global point-to-point air cargo delivery services for oversized and overweight project cargos, as well as general cargo, with capability to deliver to virtually any topographical location in under 72 hours. The network of globally positioned Aeroscraft vehicles will help take the chain out of the current supply chain while providing Aeros’ clients unlimited transcontinental reach.



**About Aeros:** Aeros was founded in 1987, and the company has grown from a small advertising aerostat production manufacturer overseas to a premiere U.S.-based airship producer and R&D firm for the aerospace industry. Today Aeros is an innovative, FAA certified, LTA manufacturer completing work on a new type of air vehicle called the Aeroscraft that combines many of the attributes and benefits of fixed-wing (airplanes), rotary (helicopter) and traditional lighter-than-air (LTA) aircraft. Through manufacturing quality, Aeros has achieved multiple FAA airship type certificates and operates with an FAA Production Certificate. Aeros currently possess a product line which includes advanced airships and tethered aerostats utilized in commercial and government applications throughout the world. For the past quarter century, Aeros has pioneered product advancements in the aerospace defense technology sector. The entire Aeros organization and the advisory board, comprised of military and commercial leaders, are dedicated to one goal of harnessing the exciting future and opportunities ahead.

For more information about Aeros and the Aeroscraft please visit our website: [www.aeroscraft.com](http://www.aeroscraft.com)

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