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AEROS' ADVANCED '40E SKY DRAGON' ENTERS PRODUCTION INTEGRATION PHASE

Control Surface and Ballonet Assembly Complete, Aeros Fabricating Gondola and Envelope for ISR Airship

LOS ANGELES (Dec 22, 2015) – Worldwide Aeros Corp. (Aeros), a manufacturer of Type Certified airships under a FAA Production Certificate, revealed today additional production and certification progress for its '40E Sky Dragon' airship now under construction. The 40E airship has entered its integration stages of production, and will be outfitted with vectoring thrust that enhances performance during its multi-role flight operations.

Following ballonet and control surface fabrication completed on schedule, Aeros is now assembling the airship's envelope and gondola, expected to continue into early 2016. In conjunction with this exciting stage of production, the Federal Aviation Administration (FAA) has accepted additional proof compliance design documentation, as part of the continuing Type Certification process for Aeros' newest multi-role aircraft.

About the '40E Sky Dragon': Aeros' latest airship was developed for enhanced multi-role mission capability and flexibility during intelligence gathering (ISR) missions, whether border and port security, maritime patrol, event and critical infrastructure monitoring, or service. The 40E is a mobile aerial sensory platform with capabilities well beyond advertising and event broadcast support. The airship features expanded useful payload greater than, supporting ISR mission success and efficiency with multi-payload mounting systems for radar, EO/IR HD cameras, remote sensing technology (e.g. LLDR/LIDAR), and/or communications relay equipment. The advanced aircraft features flight performance capabilities for efficient aerial inspection and monitoring, delivering mission advantages including vertical takeoff (VTOL), single pilot operation, and lowered operational and sustaining costs versus robust ISR platform alternatives.



40E SKY DRAGON SPECIFICATIONS	
Useful Payload:	1,000 Kg / 2,200 lbs
Envelope Volume:	3200 m ³ / ~113K ft ³
Range:	510 km / ~275 nm
Propulsion:	twin, vectoring (160 hp x 2)
Engine:	Lycoming AEIO-320D
Fuel:	AV100; 267L / 70.5 U.S. gal
Speed, Cruise:	65 kph / 35 knots
Speed, Max:	92 kph / 50 knots
Ceiling:	3,050 m / 10,000 ft
Operation:	IFR/ VFR
Crew:	single pilot op.
Seating	1 pilot + 6 passengers

The aircraft's vectoring (*directionally-controlled*) propulsion improves pilot handling, reduces takeoff and landing requirements and lessens ground crew requirements, while empowering the vehicle's 500+ Km range and 100 Kph max speed. The propulsion design also permits heavier takeoff for improved LTA operational flexibility. Building on the performance strengths of the 40D 'Sky Dragon' airships in global operation since 2007, the 40E also presents extended time-on-station and cost advantages when delivering wide-area perspective of the air and ground environment, as well as greater passenger accommodation.

About Aeros: Founded more than 25 years ago, the Aeroscraft Corporation (Aeros) is the world's most innovative lighter-than-air, FAA-certified aircraft manufacturing company. Aeros has achieved multiple FAA airship type certificates and operates with an FAA Production Certificate, while featuring a product line that includes advanced airships, tethered aerostats and the Aeroscraft cargo airship. Learn more at www.aeroscraft.com or www.nadats.com

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