



Worldwide Aeros Corp.
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The Most Popular, Most Advanced, State-of-the-Art Airship Available.

The United States Federal Aviation Administration (FAA) Type Certified **Aeros 40D Sky Dragon** is the most advanced airship available today, incorporating innovative design, the latest state-of-the-art technologies, and unsurpassed quality.

The Type Certificate issued by the FAA approves complete design of the aircraft, which ensures safety and reliability. Aeros 40D is also certified in Europe and China.

The Aeros 40D Sky Dragon was designed to carry different types of surveillance and monitoring equipment, including TV broadcasting and infrared cameras. This ability makes the airship the perfect platform for Surveillance Operations both for government and commercial applications. The Aeros-40D is an ideal aerial platform for Advertising and Promotions as well as Tourism.



Surveillance

The surveillance capabilities of the Aeros 40D Sky Dragon Airship are enhanced by its ability to loiter over targeted areas. The quiet operation and non radar detection fabric allows for stealthy operation modes. All of that makes Aeros 40D the perfect platform for both government and commercial applications.

With the use of the communication relay the Aeros 40D is also capable to make communication possible between many different security units like helicopters, cost guards and police ground units. When combined with optical video and infrared thermal sensor cameras, Aeros 40D becomes a useful airborne platform for Law Enforcement, Search and Rescue, Border and Harbor Patrol, Traffic Control, Forest and Mapping Surveyors, Broadcasting at Special Events, as well as a multitude of other roles where a stable long endurance platform is needed.



Advertising

The visual appearance of an airship has always attracted attention and imagination of general public. This fascination with helium-filled airships creates the ultimate advertising vehicle and will generate millions of dollars in revenue. A large part of this market comes from high-profile sporting events. As the effectiveness of traditional advertising media continues to erode; advertisers need to explore innovative solutions to make an impact on the public consciousness. Blimp participation at nationally televised sporting event guarantees advertisers audience attention.



Multimedia Platform

As an eye in the sky, the multimedia airship will provide camera footage of these events from a perspective that cannot be matched. Under special arrangements with TV networks and cable, blimps carry the aerial camera and reciprocally receive on-air publicity at no cost.



Tourism

The Aeros 40D presents a unique and extraordinary way of air excursion. The airship is superbly suited for VIP rides and the use as a hospitality suite for entertainment at special events. Because of its comfort and level of safety, the Aeros 40D Sky Dragon airship is a system of choice for the tourism application.

Passengers in helicopters or airplanes may enjoy comparable views but they will never experience the gentle pace of the airship, nor its spaciousness. The flight characteristics are smooth and unlikely to upset even the most delicate of stomachs. Another surprise is the sound, or rather the lack of it. Engines can cut for gentle and smooth ballooning over beautiful scenic landscapes providing spectacular views.





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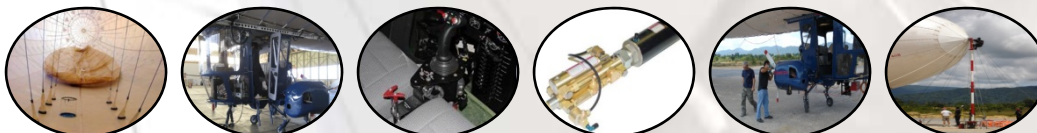
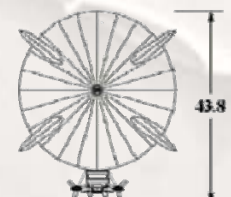
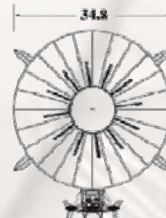
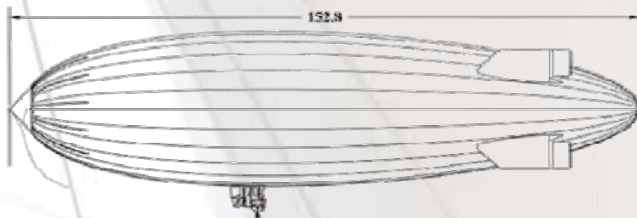
The Aeros 40D Sky Dragon Airship Training, Support and Specifications

Training & Support

Aeros provides airship owners and operators with a comprehensive training program. The program includes training courses for pilots, ground crew chiefs and ground crew personnel. The intensive airship maintenance course consists of envelope, power plant, instruments and avionics, electrical, pneumatic and pressure system overview. Aeros' commitment and support never ends.

Specifications

Airship Length	152.8 ft / 46.6 m
Max Flight Speed	51 mph / 82 kmh
Operating Altitude Range	0 – 10,000 ft / 0 – 3,048 m
Envelope Max Diameter	34.8 ft / 10.6 m
Envelope Volume	100,032 ft ³ / 2,833 m ³
Illumination	Yes
Number of Ballonets	2
Engines	2 x 125 bhp ea Teledyne Continental IO-240B
Available Advertising Banner Area (2)	4,250 ft ² (25 ft high x 85 ft long each) / 395 m ² (7.62 m high x 25.9 m long each)
Propeller	3 Blade, reversible, low noise configuration
Fuel Capacity	75.9 US Gallons / 287 Liters (usable)
Fuel Type	AVGAS 100 or 100LL
Flight Controls	"Fly-by-Wire", Digitally Controlled, Pneumatically Actuated
Nose Cone Mast Mooring	Yes
Rotating Platform Docking	Yes (belly mast)
Flight Crew	Certified for Single Pilot Operations
Operating Capability	VFR / IFR Certified
Number of Seats (nominal/max)	4 / 5



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