



Fact Sheet

	Goodyear	Zeppelin
Company Founded	1898	1898
First Airship Built	1919	1900
Number of Airships Built	300+	123
Routine Operations Established	1925	1909*
Operations Located	U.S., Europe, Latin America, Asia	U.S., Europe
Current Airship Model In Service	GZ-20A	LZ N07-100**
In Service Since	1968	1997
Overall Length	192 feet	246.4 feet
Max. Envelope Width	46 feet	64.6 feet
Overall Height	59.5 feet	57.4 feet
Internal Framework	None	Aluminium and Carbon Fiber Trusses
Envelope Volume	202,700 cu. ft.	297,527 cu. ft.
Envelope Life	10 to 14 Years	10 Years +
Maximum Weight	12,840 lbs.	19,780 lbs.
Maximum Speed	54 mph	73 mph
Gondola Seating (Pilot + Passengers)	7	2 + 13
Aerial LED Sign, # LEDs	Yes; 82,656	Under development
Night Sign Both Sides of Airship	Possible	Possible
Static Lift***	2530 lbs.	2940 lbs.
Max. Dynamic Lift	800 lbs.	1100 lbs.
Total Useable Lift	3330 lbs.	4040 lbs.
Vectored Engines	None	3
Engine Horsepower	2 x 210 h.p.	3 x 200 h.p.
Endurance****	24 hours	24 - 40 hours*****
Decibels In/Outside Cabin	110	64 / 69.4 dB(A)*****

* No airship building and operation between 1939 and 1997.

** New airship model developed: LZ N07-101.

*** Payload with 1 pilot (standard 170 lbs.) and fuel (gasoline at 6 lbs. per. gallon) for 10 hours at cruise power. All figures based on standard atmospheric conditions and optimum airship design characteristics.

**** Based on cruise power, maximum fuel load and optimum atmospheric conditions.

***** Maximum endurance in conjunction with optional extended range kit.

***** External noise level in 1000 feet AGL at max. continuous power on all engines, measurement according to ICAO Annex 16, Vol I, Chapter VI.

All data compiled from FAA and EASA governmental type certificate data sheets, manufacture's pilots, maintenance manuals and web sites specifics. All technical data of the Zeppelin airship refer to the new model LZ N07-101.