# Fact Sheet

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

* 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 1, 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.