

## Airship Specifications

Year	Country	Name	Volume Metres-3	Length Metres	Width Metres
1908	America	'U.S. Military I'	566	29.3	5.9
1910	America	'America'	9765	69.5	15.9
1917	America	Goodyear B class	2180	48.8	9.6
1923	America	ZR-1 'Shenandoah'	59890	207.3	24.1
1924	America	XR-3 'Los Angeles'	70000	200.6	27.6
1925	America	Goodyear advertising blimps	1614	33.5	9.8
1929	America	Metalclad ZMC-2	5663	45.5	16.1
1931	America	ZR4 'Akron' & ZR5 'Macon'	184060	239.3	40.5
1937	America	L class blimps	3483	45.4	11.9
1942	America	K-14 to K-135 patrol blimps	12035	76.7	19.1
1954	America	ZPG-2 class radar blimps	28628	104.6	23.0
1956	America	ZSG-4 class patrol blimp	14923	81.1	21.3
1969	America	Goodyear 'Super Skytacular'	5740	58.6	15.2
1907	Britain	'Nulli Secundus'	1586	36.6	7.9
1910	Britain	Willows II	566	29.3	5.9
1911	Britain	'Mayfly'	18774	156.1	14.6
1915	Britain	Sea Scout (SSZ) class	1982	43.6	9.8
1916	Britain	23 class	26675	163.1	16.2
1917	Britain	North Sea (NS) class	10194	79.9	17.3
1917	Britain	23X class	28050	164.3	16.2
1919	Britain	R34	55218	196.0	24.0
1920	Britain	R80	35396	162.8	21.3
1921	Britain	R36	59465	202.1	24.4
1929	Britain	R100	147248	216.1	40.5
1931	Britain	R101	155743	236.8	40.5
1852	France	Giffard's steam airship	2500	44.0	11.4
1884	France	La France	1864	50.4	8.4
1901	France	Santos-Dumont No. 6	622	33.0	6.0
1907	France	'Ville de Paris'	3195	60.4	10.5
1908	France	Republique class	3250	65.6	10.3
1912	France	Chalais-Meudon 'Fleurus'	6500	77.0	12.4
1900	Germany	Zeppelin LZ1	11300	128.0	11.7
1908	Germany	Parseval PL2 (P1)	4000	58.0	10.4
1910	Germany	Zeppelin LZ7 'Deutschland'	19300	148.0	14.0
1912	Germany	Zeppelin LZ13 'Hansa'	18700	148.0	14.0
1913	Germany	Zeppelin LZ18 (L2)	27000	158.0	16.6

1914	Germany	Zeppelin LZ24 (L3)	22470	158.0	14.9
1915	Germany	Schutte-Lanz SL3 (C1)	32500	153.0	19.8
1915	Germany	Zeppelin LZ40 (L10)	31900	163.5	18.7
1915	Germany	Zeppelin LZ47 (LZ77)	31900	163.5	18.7
1916	Germany	Zeppelin LZ62 (L30)	55200	198.0	24.0
1917	Germany	Zeppelin LZ104 (L59)	68500	226.5	24.0
1918	Germany	Zeppelin LZ112 (L70)	62200	211.5	24.0
1918	Germany	Parseval PL27	31300	157.0	19.6
1919	Germany	Zeppelin LZ120 'Bodensee'	20550	130.8	18.7
1920	Germany	Zeppelin LZ114 'Dixmunde'	62200	211.5	24.0
1928	Germany	Zeppelin LZ 127 'Graf Zeppelin'	105000	236.6	30.5
1936	Germany	Zeppelin LZ129 'Hindenberg'	200000	245.0	46.8
1916	Italy	Class M airship	12500	83.0	17.0
1924	Italy	N1 'Norge'	19000	106.0	19.5

Cross- Section	Ratio					Notes
	Length to width	Engines HP	Load Tons	Speed MPH	Gas	
27.7	4.9	20.0	0.20	19.6	H	
197.3	4.4	155.0	12.10	25.0	H	Load quoted is probably wrc
72.4	5.1	100.0	0.60	45.0	He	Load estimated from volume
456.2	8.6	1800.0	20.00	60.0	He	Load estimated from volume
598.3	7.3	2000.0	46.00	76.0	He	Built by Zeppelin
74.7	3.4	60.0	0.50	37.0	He	Load estimated from volume
202.3	2.8	440.0	0.34	62.0	He	Hull riveted aluminium scale
1288.2	5.9	4480.0	182.80	87.0	He	Payload 72.8 tons. Both cras
111.0	3.8	290.0	0.25	60.0	He	Load estimated from volume
285.0	4.0	1100.0	1.00	75.0	He	Load estimated from volume
415.5	4.5	1600.0	20.00	87.0	He	Load estimated from volume
357.7	3.8	1100.0	12.00	81.0	He	Load estimated from volume
182.4	3.8	420.0	12.00	35.0	He	Load estimated from volume
49.0	4.6	50.0	0.50	16.0	H	Load estimated from volume
27.7	4.9	20.0	0.23	19.6	H	The first Welsh airship
168.1	10.7	320.0	20.30	40.0	H	Performance estimated; dest
74.7	4.5	75.0	3.30	48.4	H	
204.8	10.1	1000.0	6.00	52.0	H	
235.1	4.6	520.0	3.81	57.6	H	
204.8	10.2	1000.0	8.62	55.3	H	R29, of this class, sank one s
452.4	8.2	1250.0	26.50	62.0	H	First airship to cross the Atl
357.7	7.6	920.0	17.00	65.0	H	A very streamlined design
467.6	8.3	1570.0	16.50	65.0	H	
1290.8	5.3	4020.0	72.57	81.0	H	Payload 25 tons. A civilian a
1290.8	5.8	2925.0	72.57	74.5	H	Payload 25 tons. Deisel engi
102.1	3.9	3.0	0.20	6.0	CO+H	Steam-driven. Load estimate
55.4	6.0	8.0	0.20	14.5	H	Electric motor. Load estimat
28.3	5.5	12.0	0.69	16.0	H	Load may be entire weight in
86.6	5.8	70.0	3.52	23.0	H	Speed estimated from journe
83.3	6.4	75.0	1.20	31.0	H	
120.8	6.2	160.0	5.00	36.0	H	Load estimated from volume
107.5	10.9	29.4	1.00	17.4	H	Load estimated - included 14
84.9	5.6	100.0	3.50	34.2	H	Load estimated from volume
153.9	10.6	360.0	14.90	37.3	H	
153.9	10.6	510.0	6.30	48.5	H	
216.4	9.5	720.0	11.10	49.0	H	

173.2	10.6	600.0	9.20	53.0	H	
306.4	7.7	840.0	14.00	53.0	H	
274.6	8.7	840.0	16.20	59.0	H	
274.6	8.7	840.0	16.20	59.0	H	
450.5	8.3	1440.0	32.50	64.0	H	
450.5	9.5	1200.0	52.10	67.0	H	
450.5	8.8	1820.0	43.50	81.0	H	
301.7	8.0	480.0	25.00	56.0	H	Load estimated from volume
274.6	7.0	1040.0	10.00	81.0	H	Confiscated and given to Ital
450.5	8.8	1820.0	43.50	81.0	H	Confiscated and given to Fra
730.6	7.8	2900.0	73.00	79.5	H	Payload 15 tons cargo & pas
1720.2	5.2	5280.0	214.00	84.0	H	Payload 19 tons. Burned on
227.0	4.9	500.0	3.80	43.5	H	
298.6	5.4	735.0	18.24	70.0	H	First airship to North pole (o

ing. Speed estimated. First airship to send radio message. First airship abandoned in flight.

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hed at sea, after several year's service, with many casualties.

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›. Advertising sky-sign dirigible.

›. An extraordinarily bad design.

royed before maiden flight!

submarine and co-operated with ships to destroy another  
antic in both directions

airship built in competition to the R101. Engineers on the project included Barnes Wallis and  
nes. The R100 was the official government airship project, built in competition to the civilian  
d, includes 350lb engine. Coal gas (carbon monoxide & hydrogen) in bag.

ed from volume

ncluding pilot etc.

y times

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50 kg balancing weight

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ly as war reparations

ince as war reparations

isengers

mooring during maiden flight

n loan to Norway)

Nevil Shute Norway.

R100, and was a spectacularly bad design which crashed on its first overseas flight.