

FEDERAL AVIATION AGENCY

1A14  
Revision 2  
GOODYEAR  
S-30  
S-121  
813  
May 1, 1965

AIRCRAFT SPECIFICATION NO. 1A14

Holder of Type Certificate: Balloon Club of America  
230 Rutgers Avenue  
Swarthmore, Pa.

**I Free Balloon Models S-30 and S-121, Approved May 31, 1956**

Description	(a) Diameter	53.4 ft.
	(b) Displacement	80,000 cu. ft.
	(c) Lifting gases	Helium, hydrogen, illuminating gas and coke oven gas.
	(d) Ballast provisions	Sand bags
	(e) Empty Weight	1205 lbs. (excluding occupants and ballast)
Number of Occupants	6 Crew and passengers.	
Serial Nos. eligible	P-1 and P-3 only.	

**II Free Balloon Model 813, Approved May 31, 1956.**

Description	(a) Diameter	40.6 ft.
	(b) Displacement	35,000 cu. ft.
	(c) Lifting gases	Helium, hydrogen, illuminating gas and coke oven gas.
	(d) Ballast provisions	Sand bags
	(e) Empty weight	750 lbs. (excluding occupants and ballast)
Number of occupants	6 crew and passengers.	
Serial Nos. eligible	P-2, P-5, P-7 and P-8 only.	

**III - Free Balloon Model S-94 (Approved October 23, 1957).**

Description	(a) Diameter	33.0 ft.
	(b) Displacement	19,000 cu. ft.
	(c) Lifting gases`	Helium, hydrogen, illuminating gas and coke oven gas.
	(d) Ballast provisions	Sand bags
	(e) Empty weight	525 lbs. (excluding occupants and ballast)
Number of occupants	3 (crew and passengers).	
Serial Nos. eligible	P-4 and P-6 only.	

Specifications pertinent to all Models.

Certification basis	Type Certificate No. 1A14 (CAR 3.10)
Operating limitations	(a) All flights shall be in accordance with VFR (day) rules. (b) Adequate and acceptable precautions will be taken during inflation and deflation procedures for the proper protection of personnel and property.

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