DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

A3NW
AVIAN
SKYHAWK
Rev. 2

January 28, 2014

TYPE CERTIFICATE DATA SHEET NO. A3NW

This data sheet which is a part of type certificate No. A3NW prescribes conditions and limitations under which the product for which the type certificate was issued meets the airworthiness requirements of the Federal Aviation Regulations.

Type Certificate Holder	AVIAN BALLOON 12925 East Riverside Spokane, WA 99216

I - Model SKYHAWK, 4-place Hot Air Balloon, approved August 8, 1977

Air Heater	Options specified in the latest FAA approved revision of Master Drawing List No. 76
Gondola	Options specified in the latest FAA approved revision of Master Drawing List No. 76
Envelope	Options specified in the latest FAA approved revision of Master Drawing List No. 76
Fuel	LPG (See FAA Approved Balloon Flight Manual for required additives instruction.)
Maximum Weight	Gross weight limited to 1400 lbs. or to weight requiring maximum continuous envelope temperature of 250°F, whichever is less. See FAA Approved Balloon Flight Manual. (Weight includes the envelope weight.)
Maximum Allowable Envelope Temperature	250°F
Fuel Capacity	See FAA Approved Balloon Flight Manual
Serial Numbers Eligible	1 and on
Certification Basis	FAR 31, effective July 1, 1964, including Amendments 31-1 and 31-2.
Production Basis	None.
Equipment	The basic required equipment as prescribed in the applicable airworthiness regulations (See Certification Basis) must be installed in the aircraft for certification. Additional required items of equipment are listed in the FAA Approved Avian Balloon Flight Manual.

NOTE 1 Every 100 flight hours or annually, whichever occurs first, the following envelope maintenance check must be performed: Envelope material strength is adequate if the material withstands without tearing or yielding the following tension loads; for envelope 76- 5000 - 50 lbs. and for envelopes 76-5500 and 76-5510 - 35 lbs., uniformly distributed one-inch crosswise to, and applied in the direction of the weave. The envelope should be tested in several areas, with particular attention to the upper portion which is subject to higher operating temperatures.

NOTE 2 It is recommended that every 100 flight hours or annually, whichever occurs first, the inspections specified in the FAA approved Airworthiness Limitations (Section 9 of the latest FAA accepted revision of Document No. ICA-1) be completed.

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