

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

A3NM Revision 1 AVIAN SPARROW January 28, 2014
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TYPE CERTIFICATE DATA SHEET NO. A3NM

This data sheet, which is a part of Type Certificate No. A3NM, prescribes the 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 Riversid
Spokane, WA 99216

1-MODEL SPARROW 2-place Hot Air Balloon, approved August 10, 1983

Air Heater: Options specified in the latest FAA approved revision of Master Drawing List No. 77

Gondola: Options specified in the latest FAA approved revision of Master Drawing List No. 77

Envelope: Options specified in the latest FAA approved revision of Master Drawing List No. 77

Fuel: LPG (See FAA Approved Balloon Flight Manual for required additives instruction.)

Maximum Weight: Gross weight limited to 700 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: Two (2) 10 gal. (at 80% fill)

Serial Numbers Eligible: 1 and on

Certification Basis: FAR 31, effective July 1, 1964, including Amendments 31-1 through 31-4.

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: Reserved.

NOTE 2: This balloon must be operated according to the FAA approved Balloon Flight Manual. The envelope temperature indicator must be placarded to indicate the maximum allowable envelope temperature.

All placards required in the FAA approved Balloon Flight Manual must be installed in the appropriate locations.

NOTE 3: 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) must be accomplished.

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