

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

A3NM AVIAN SPARROW August 10, 1983

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
South 3722 Ridgeview Drive
Spokane, Washington 99206

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

Air Heater: Avian Burner Assembly, Dwg. 78-2100 and 78-3200 or Dwg. 76-2000 and 76-3100

Gondola: Avian Basket, Dwg. 77-1100 or Dwg. 75-1100.

Envelope: Avian Envelope, Dwg. 77-5500.

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: APIS in accordance with FAR 21, Subpart F.

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 10 of the Instructions for Continued Airworthiness for the Sparrow) must be accomplished.

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