

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

A1NW Revision 5 EAGLE (SEMCO) Model T October 1, 2003
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TYPE CERTIFICATE DATA SHEET NO. A1NW

This data sheet, which is part of Type Certificate No. A1NW, 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: Eagle Balloons Corp.
136 Highway 577N
Delhi, LA 71232

I - Model T, 2 Place Hot Air Balloon, Approved January 5, 1973

Air Heaters	2 - Semco Model "T"
Fuel	Commercial LPG
Maximum Weight	743 lbs. (this weight includes the canopy weight but excludes the weight of the lifting hot air).
Maximum Allowable Envelope Temperature	250°F.
Serial Nos. Eligible	SEM 78 and subsequent.
Certification Basis	Part 31 of the Federal Aviation Regulations dated July 1, 1964, as amended by 31-1 and 31-2. Application for Type Certificate dated May 5, 1972. Type Certificate No. A1NW issued January 5, 1973.
Production Basis	None. Prior to original certification of each aircraft, an FAA representative must perform a detailed inspection for workmanship, materials, conformity with the approved technical data, and a check of the flight characteristics.
Export Eligibility	Aircraft will be eligible for issuance of an Export Certificate of Airworthiness subject to compliance with Federal Aviation Regulation Part 21, Subpart L, Sections 21.321 thru 21.339. The applicable procedures are contained in Advisory Circular 21-2.
Equipment	The basic required equipment as prescribed in the applicable airworthiness regulations (see Certification Basis) must be installed in the aircraft for certification. In addition to the above required equipment, the following equipment is also required: Lighter - Torch Flint Sparker. Drag Rope - Minimum Diameter - 1/2 inch Minimum Length - 200 feet FAA Approved Balloon Flight Manual approved January 5, 1973, or later approved revision.

NOTE 1. Envelope maintenance check: Envelope material strength is adequate if material withstands without tearing or yielding, fifty-pounds tension 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. The following Semco Model T Balloons are eligible to receive Standard Airworthiness Certificate when modified per Semco Kit Drawing #8:

S/N SEM: 28, 60, 62, 64-73, 76 and 77.

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