

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

A18WE
Revision 9
Sundance Balloons (US)
(Dawson Property Group LLC)
(GALAXY BALLOON)
(PICCARD)

AX-6

June 29, 2006

TYPE CERTIFICATE DATA SHEET NO. A18WE

This data sheet, which is a part of Type Certificate No. A18WE, 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 Sundance Balloons (US)
810 Salisbury Road
Statesville, North Carolina 28677

I. - Model AX-6, (LeMans) 3-place manned free balloon, approved August 2, 1968

Airborne Heaters	Piccard Burner Model No. 5030, 5040, 5041
Fuel	LPG Commercial Mix NGPA Spec. 2140-66 or later
Maximum Weight	1210 pounds (This weight includes the envelope weight.)
Maximum Allowable Envelope Temperature	250°F
Minimum Crew	1 pilot
Fuel Capacity	One two, three or four ten-gallon Lee steel LPG cylinders, Model TR40SX-14. Approved alternates are: (1) 8.5 gallon Worthington 33.5 lb. aluminum LPG cylinders, Model 3757-U4-56; (2) ten-gallon Worthington 43.5 lb. aluminum LPG cylinders, Model 4100 -U4-15; and (3) ten-gallon Manchester 43 lb. steel LPG cylinder Model FL-519.
Serial Nos. Eligible	29,101 and subsequent (SEE NOTE 5)
Certification Basis	FAR 31, effective July 1, 1964, Amendments 31-1, and 31-2, FAR 21 and FAR 1
Production Basis	None. Prior to original certification of each aircraft manufactured after April 15, 1983, an FAA representative must perform a detailed inspection for workmanship, materials and conformity with the approved technical data, and a check of the flight characteristics.
Export Eligibility	Balloon 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 through 21.339.

