UNITED KINGDOM
CIVIL AVIATION AUTHORITY

FAS2
Issue 2
March 2000
Global Skyship Industries Inc.
Skyship 600

TYPE CERTIFICATE DATA SHEET No. FAS2

This data sheet is a part of CAA Type Certificate No. FAS2 prescribes conditions and limitations under which the product, for which the type certificate was issued, meets the airworthiness requirements of the Civil Aviation Authority.

Note: Type Certificate number BAS2 and the associated data sheet has been superseded by this document for Skyship 600 airships which have been imported into the United Kingdom, as a consequence of the type certificate transfer to GSI Inc. Skyship 600 serial numbers stated on this data sheet are eligible for issue of a UK Certificate of airworthiness if shown to conform to the original UK type design definition, and any subsequent CAA approved modifications.

AIRCRAFT MANUFACTURER: Airship Industries (UK) Ltd
(no longer trading)

AIRSHIP TYPE/MODEL NUMBERS:

Serial Numbers applicable — Skyship 600

1215-01	1215-07
1215-02	1215-08
1215-05	1215-10
1215-06	

TYPE CERTIFICATE HOLDER: Global Skyship Industries Inc.

FAA TYPE CERTIFICATE NO: AS1EU

TYPE DESIGN DEFINITION: Described in AAN 17846
AAN 17846 Addendum 1
AAN 17846 Addendum 2
AAN 17848 Addendum 3

CERTIFICATE BASIS

The following requirements were the basis of certification of the Skyship 600 type design:

BCAR Section J Issue 3 September 1966
BCAR Section Q Issued December 1979
BCAR Section R Issue 4 April 1974

BCAR Blue Paper No. 727 dated 21 November 1980
BCAR Blue Paper No. 772 dated 21 November 1980
BCAR Blue paper No. Q819 dated 27 February 1985

CAA Airworthiness Notices:

No. 33 dated February 1972
No. 76 dated April 1980
No. 82 dated June 1973
No. 91 dated November 1983

CAA Specification Papers:

No. 1 dated September 1979
No. 3 dated July 1953
No. 4 dated February 1962
No. 7 dated August 1962
No. 8 dated September 1973

CERTIFICATION CATEGORY

UK: Transport Category (Passenger)

PERFORMANCE GROUP CLASSIFICATION

UK: This airship has no performance group classification.

FLIGHT MANUAL

The limitations, recommended procedures and information required, are contained in the following CAA approved Pilot's Operating Handbook.

Airship Industries Skyship 600: DR/AI 100 Pilot's Operating Handbook

POWER UNITS

Two PORSCHE 930/67/A!/3 each fitted with one Hoffman HO-V155A-R/137CL Propeller.

MINIMUM CREW

Two Pilots

MAXIMUM NUMBER OF OCCUPANTS

The maximum number of persons, including crew, not to exceed 10.
For airships modified in accordance with modifications Nos. 647 and 669 The maximum number of persons, including crew, not to exceed 15.
The number restricted by the POH which in turn is governed by the amount of seating layout installed for each flight. (POH Section 2.35).

MAXIMUM WEIGHTS	**Skyship 600**
Maximum take-off weight	7100 kg
Maximum landing weight	7100 kg
Maximum water ballast	450 kg
Maximum shot ballast in front compartment	2 x 180 kg
Maximum shot ballast in mid gondola compartment	2 x 150 kg
Maximum static heaviness (take-off)	350 kg
Maximum static heaviness (landing)	350 kg
Minimum static heaviness (hover)	350 kg*
Maximum static lightness (take-off)	150 kg
Maximum static lightness (landing)	250 kg
Maximum static lightness (hover)	250 kg

* Limited at OAT greater than 31 deg C to 100 kg

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