



ESDU 00030

Issued September 2000

Issue 4, December 2013

Structures series organisation: preface amendment record

ESDU Copyright material. For current status contact ESDU.

STRUCTURES SERIES ORGANISATION

CONTENTS

	Page
1. PREFACE TO STRUCTURES SERIES	1
2. AMENDMENT RECORD FOR STRUCTURES SERIES	3

STRUCTURES SERIES ORGANISATION

1. PREFACE TO STRUCTURES SERIES

The design engineer who is concerned with aircraft and aircraft equipment faces an ever-increasing demand for products with a performance that must be substantiated under stringent conditions of cost and environment. Assuming the basic skill of the designer, no other single factor can contribute more to the economic preparation of a satisfactory, competitive design than having to hand good reliable design data.

Data concerning aerospace structures are widely scattered and, when located, are of variable quality and relevance to industrial applications. The task of collecting and evaluating all the relevant data available on a particular aspect of aircraft structures is time consuming and therefore expensive. Even if such a task is performed it is often found that the customer will wish to view the design, not against some locally derived data, but against what can be demonstrated to be the best data that can be ascertained and that are vouched for by a significant cross-section of the engineering and scientific community concerned with both the derivation and application of data on structures. Accordingly, the Structures Series has been prepared to meet design requirements with regard to aircraft structures for both the designer and his customer and, by serving the needs of many, accomplishes the task at much lower cost and with a higher reliability than could the individual.

A qualified staff, with the assistance of many individuals and establishments throughout the world in research, industry and academia, collect and evaluate the existing data. The staff discard those data that are irrelevant or unreliable, correlating and distilling those that remain into an authoritative working tool for engineering application. Throughout, their work is guided and monitored by an expert group and *ad hoc* working parties. This series on aerospace structures is prepared under the guidance of the Aerospace Structures Committee which first met in 1940 and now has the following constitution:

Chairman	
Mr K. Fitzsimons	— Westland Helicopters Ltd
Members	
Prof. P. Bartholomew	— QinetiQ, Farnborough
Mr J. Baldwin *	— Spirit AeroSystems, USA
Dr R. Biswas	— SELEX Sensors and Airborne Systems Ltd, Luton
Mr A. Dickson	— BAE SYSTEMS, Samlesbury
Mrs L.K. Flansburg *	— Lockheed Martin Aeronautics, USA
Dr M.J. Graves *	— The Boeing Company, Seattle, USA
Mr T. Henriksen *	— European Space Agency, The Netherlands
Mr M.K. Hughes *	— The Boeing Company, Seattle, USA
Mr A. Missenden	— Cranfield Aerospace Ltd, Bedfordshire
Dr A. Murphy	— Queen's University, Belfast
Mr B. Popham	— Independent
Mr M.S. Pressnell	— Independent
Prof. A. Rothwell	— Professor Emeritus, Delft University of Technology, The Netherlands
Mr J.H. van der Sloot	— Independent.

* Corresponding Member

The members of staff of the Engineering Sciences Data Unit concerned are:

- | | |
|-----------------|--|
| Mr A.C. Quilter | – Head of Strength Analysis Group and Technical Director - Aerospace |
| Mr N. Dev-Anand | – Senior Engineer, Strength Analysis Group. |

Unlike many other forms of information, design data are being constantly generated and tested in practice. Therefore, ESDU draws its strength not only from the sources of new data but also from those who apply the working tools that it provides. Accordingly, users of the service are encouraged to regard ESDU as a widely based group of people available to answer questions on, and discuss the application of, data in engineering. ESDU can be contacted by using the contact details at the inside back cover page.

2. AMENDMENT RECORD FOR STRUCTURES SERIES

The following is a complete list of all amendments and withdrawals made to Data Items in the Structures Series since its inception in 1940. It provides a check on the current and past status of all amended or superseded Data Items. All Data Items carry their date of issue and current amendment status. Further details relating to the changes made may always be obtained from ESDU.

AMENDMENT RECORD

This Data Item will be updated periodically. The following list is complete up to Notice of Amendments No. 119, December 2013. The following table is provided for you to record that you have checked that your set is complete, and to record the incorporation of future amendments. It is recommended that when this amendment record is re-issued the table be retained for your records.

Supplementary Issue No.	102	103	104	105	106	107
Amendments carried out by	3	3	3	3	3	3
Date	Feb. 1999	May 2000	Sep. 2000	May 2001	Nov. 2001	Apr. 2002
Supplementary Issue No.	108	109	110	111	112	113
Amendments carried out by	3	3	3	3	3	3
Date	June 2003	Aug. 2003	Sep. 2004	Apr. 2005	Apr. 2006	May. 2006
Supplementary Issue No.	114	115	116	117	118	119
Amendments carried out by	3	3	3	3	3	3
Date	Nov. 2006	Nov. 2006	Feb. 2008	Dec. 2009	Oct. 2011	June 2012

Item		Change	Date
00.00.01	Withdrawn		Sep. 1972
00.00.02	Withdrawn	Superseded by List Vol. 1.	Aug. 1966
00.00.03	Withdrawn	Superseded by List Vol. 2.	Aug. 1966
00.00.04	Withdrawn		Nov. 1958
00.00.05	Withdrawn	Superseded by List Vol. 4	Aug. 1966
00.01.00 00.02.00 00.01.01 00.02.01 to 00.02.05	Withdrawn	Superseded by Item No. 76016.	Sep. 1976
00.06.00	Amend. A	Replaced by reprint.	Dec. 1980
00.06.01	Amend. A	Replaced by reprint.	Dec. 1980

Item		Change	Date
00.06.02	Withdrawn	Superseded by Item No. 77023.	Sep. 1977
00.06.03	Withdrawn	Superseded by Item No. 77023.	Sep. 1977
00.06.04	Amend. A	Replaced by reprint.	Dec. 1980
00.06.05	Amend. A	Replaced by reprint.	Dec. 1980
00.07.00	Amend. A	Replaced by reprint.	Jan. 1983
00.07.01	Amend. A	Replaced by reprint (incorporating Item No. 00.07.03).	Jan. 1983
00.07.02	Withdrawn	Superseded by Item No. 77023.	Sep. 1977
00.07.03	Withdrawn	Incorporated into Item No. 00.07.01	May 1983
00.07.04	Amend. A	Replaced by reprint.	Jan. 1983
00.07.05	Withdrawn	Superseded by Item No. 77023.	Sep. 1977
00.07.06	Withdrawn	Superseded by Item No. 77023.	Sep. 1977
01.00.01	Amend. A	Replaced by reprint.	Apr. 1980
01.00.02 to 01.00.04	} Withdrawn	Incorporated into 01.00.01 at Amend. A.	Apr. 1980
01.01.00			
01.01.01	Amend. B	Replaced by reprint.	Nov. 1978
	Amend. C	Pages 1 to 9 reprinted with Amend. C.	Oct. 1990
01.01.02 to 01.01.07	} Withdrawn	Superseded by Item No. 01.01.01 at Amend. B.	Nov. 1963
01.01.08			
	Amend. B	Replaced by reprint.	Nov. 1978
	Amend. C	Pages 1 and 2 reprinted with Amend. C	Nov. 1990
01.01.09	Withdrawn	Superseded by Item No. 78020.	July 1978
01.01.10	Amend. B	Replaced by reprint.	Nov. 1978
01.01.11 01.01.12 01.01.13 01.01.14 01.01.15 01.01.16	} Withdrawn	Superseded by Item No. 78030.	Nov. 1978
01.01.17			
01.01.18			
01.01.19			
01.01.20			
01.01.17	Withdrawn		Dec. 1963
01.01.18	Withdrawn	Superseded by Item No. 76023.	Nov. 1976
01.01.19	Amend. B	Complete reprint with Amend. B.	Aug. 2001
01.01.20	Withdrawn	Superseded by Item No. 76023.	Nov. 1976

Item		Change	Date
01.01.21	Withdrawn	Superseded by Item No. 76023.	Nov. 1976
01.01.22	Amend. B Withdrawn	Replaced by reprint. Superseded by Item No. 89007.	Nov. 1978 Sep. 1989
01.01.23	–	Replaced by reprint.	Mar. 1969
01.01.24	Amend. A	Replaced by reprint.	Mar. 1976
01.01.25	Withdrawn	Superseded by Item No. 78030.	Nov. 1978
01.06.00	–	Replaced by reprint.	May 1971
01.06.01	–	Replaced by reprint.	Mar. 1983
01.06.02	–	Replaced by reprint.	May 1987
01.06.03	–	Replaced by reprint.	Mar. 1983
02.00.00	Amend. A	Replaced by reprint.	Apr. 1969
02.01.00	Withdrawn	Superseded by Item No. 72012.	June 1972
02.01.01	Withdrawn	Superseded by Item No. 72019.	Aug. 1972
02.01.02	Amend. A	Replaced by reprint.	Aug. 1977
02.01.03	Amend. A	Replaced by reprint.	Aug. 1977
02.01.04 02.01.05 02.01.06 02.01.07	} Withdrawn		Feb. 1955
02.01.08		–	Aug. 1968
		Amend. A	Sep. 1976
		Amend. B	May 1983
		Amend. C	Nov. 1990
02.01.09	Amend. A	Replaced by reprint.	Aug. 1968
	Amend. B	Pages 1 and 2 replaced by reprint.	Sep. 1976
02.01.10	Amend. A	Replaced by reprint.	Sep. 1979
02.01.11	Amend. B	Replaced by reprint.	May 1978
02.01.12 02.01.13 02.01.14	} Withdrawn		May 1978
02.01.15		Withdrawn	Oct. 1962
02.01.16	Amend. A	Replaced by reprint.	Aug. 1977
02.01.17	Amend. A	Replaced by reprint.	Feb. 1982