

BOEING

707

INTERCONTINENTAL

STRUCTURAL REPAIR MANUAL

DOCUMENT D6-2962

PUBLISHED BY BOEING COMMERCIAL AIRPLANES • SEATTLE, WASHINGTON U. S. A.



STRUCTURAL REPAIR MANUAL
BOEING DOCUMENT D6-2962
REVISION NO. 59

To: All holders of the 707-320 Structural Repair Manual, Boeing Document D6-2962.

The fifty-ninth revision to the 707-320 Structural Repair Manual, dated Dec 31, 1988 is attached.

FILING INSTRUCTIONS

Refer to the List of Effective Pages (LEP) for the page numbers and latest date of issue of pages within the manual.

Pages revised, added or deleted by this revision are indicated by an asterisk (*) against the applicable page in the LEP.

File all pages included in this revision in the order indicated on the list of effective pages. The following pages have been deleted by this revision and should be removed and destroyed.

INTRODUCTION, Pages 2A, 2B, 2C

The following Temporary Revisions have been incorporated by this revision. Remove and destroy:

51-39, 53-21, 54-2

The following Temporary Revisions are still active and must be retained:

NONE

BOEING
707



INTERCONTINENTAL
STRUCTURAL REPAIR

HIGHLIGHTS

Chapter/Section/Subject
and Page No.

Description of Change

Title Page	Changed Boeing Commercial Airplane Company to Boeing Commercial Airplanes.
Introduction 1-11	Added spare parts ordering procedure.
12-28	Changed owner/operator data.
Contents 51 1	Added figure.
51-0 6, 8-12	Added principal structural elements.
51-2-3 13, 18, 20, 25-31, 35, 36	Deleted H-11 bolts.
51-5-1 2, 3	Incorporated TR 51-39
Contents 53 3	Added figure.
53-3-6 15-23	Incorporated TR 53-20 and TR 53-21.
Contents 54 2	Added figure.
54-4-4 27-35	Incorporated TR 54-2.



**STRUCTURAL REPAIR
RECORD OF TEMPORARY REVISIONS**

CHAPTER 51

TEMPORARY REV. NO.	PAGE NUMBER	ISSUE DATE	BY	DATE REMOVED	BY
51-1	INCORPORATED				
51-2	INCORPORATED				
51-3	INCORPORATED				
51-4	INCORPORATED				
51-5	INCORPORATED				
51-6	INCORPORATED				
51-7	INCORPORATED				
51-8	INCORPORATED				
51-9	INCORPORATED				
51-10	INCORPORATED				
51-11	INCORPORATED				
51-12	INCORPORATED				
51-13	INCORPORATED				
51-14	INCORPORATED				
51-15	INCORPORATED				

Jul 5/72

D6-2962

TEMPORARY REVISION RECORD
Page 1



STRUCTURAL REPAIR

RECORD OF TEMPORARY REVISIONS

CHAPTER 51 (CONTINUED)

TEMPORARY REV. NO.	PAGE NUMBER	ISSUE DATE	BY	DATE REMOVED	BY
51-16	INCORPORATED				
51-17	INCORPORATED				
51-18	INCORPORATED				
51-19	INCORPORATED				
51-20	INCORPORATED				
51-21	INCORPORATED				
51-22	INCORPORATED				
51-23	INCORPORATED				
51-24	INCORPORATED				
51-25	INCORPORATED				
51-26	INCORPORATED				
51-27	INCORPORATED				
51-28	51-15-7 Pages 6 and 7	Jan 21/72		Jul 5/72	
51-29	51-15-7 Pages 1 thru 10	Jul 16/73		Oct 25/73	
51-30	51-15-10 Pages 1 thru 10	Jul 16/73		Oct 25/73	



RECORD OF TEMPORARY REVISIONS

CHAPTER 51 (CONTINUED)

TEMPORARY REV. NO.	PAGE NUMBER	ISSUE DATE	BY	DATE REMOVED	BY
51-31	51-15-9 Pages 1 thru 10	Jul 16/73		Oct 25/73	
51-32	51-15-8 Pages 1 thru 10	Jul 16/73		Oct 25/73	
51-33	51-11-2 Pages 1 thru 13	May 15/74		Jul 10/74	
51-34	51-2-3 Pages 1 thru 6	Sep 27/74		Jan 10/75	
51-35	51-2-9 Pages 1 thru 15	Sep 27/74		Jan 10/75	
51-36	51-8-2, Page 1	Oct 9/79		Jan 10/80	
51-37	51-2-11 Pages 10A, 10B	May 9/80		Jul 10/80	
51-38	51-15-9 Page 9	Jul 28/80		Jan 10/81	
51-39	51-5-1 Pages 2, 3	Sep 30/85		Dec 31/88	

RECORD OF TEMPORARY REVISIONS

CHAPTER 53

TEMPORARY REV. NO.	PAGE NUMBER	ISSUE DATE	BY	DATE REMOVED	BY
53-1	INCORPORATED				
53-2	INCORPORATED				
53-3	INCORPORATED				
53-4	INCORPORATED				
53-5	INCORPORATED				
53-6	INCORPORATED				
53-7	INCORPORATED				
53-8	INCORPORATED				
53-9	INCORPORATED				
53-10	INCORPORATED				
53-11	INCORPORATED				
53-12	INCORPORATED				
53-13	53-3-7 Pages 42 thru 44A INCORPORATED	Jul 21/71		Jul 5/72	
53-14	53-3-9 Pages 1 thru 6 INCORPORATED	Feb 15/72		Jul 5/72	

RECORD OF TEMPORARY REVISIONS

CHAPTER 53 (CONTINUED)

TEMPORARY REV. NO.	PAGE NUMBER	ISSUE DATE	BY	DATE REMOVED	BY
53-16	53-3-3 Page 8, 8A	May 19/72		Jul 5/72	
53-17	53-3-3 Page 12	May 19/72		Jul 5/72	
53-18	53-2-1 Page 9, 10	Mar 30/73		Jul 15/73	
53-19	53-3-6 Pages 9 thru 14	Jul 3/80		Jan 10/81	
53-20	Canceled by TR 53-21	---		May 31/85	
53-21	53-3-6 Pages 15 thru 23	May 31/85		Dec 31/88	



STRUCTURAL REPAIR

RECORD OF TEMPORARY REVISIONS

CHAPTER 55

TEMPORARY REV NO.	PAGE NUMBER	ISSUE DATE	BY	DATE REMOVED	BY
55-1	INCORPORATED				
55-2	INCORPORATED				
55-3	INCORPORATED				
55-4	55-3-8 Pages 1 thru 7	INCORPORATED	Feb 15/72	Jul 5/72	



RECORD OF TEMPORARY REVISIONS

CHAPTER 57

TEMPORARY REV NO.	PAGE NUMBER	ISSUE DATE	BY	DATE REMOVED	BY
57-1	INCORPORATED				
57-2	INCORPORATED				
57-3	INCORPORATED				
57-4	INCORPORATED				
57-5	INCORPORATED				
57-6	INCORPORATED				
57-7	57-3-4 Pages 54 thru 58	Feb 4/76		Jul 10/76	
57-8	57-2-1 Page 2E	Feb 21/79		Jul 10/79	
57-9	57-2-1 Page 6B	Feb 21/79		Jul 10/79	



LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
TITLE PAGE		* 17	Dec 31/88	CONTENTS 51		9	Jul 1/59
BLANK		* 18	BLANK	* 1	Dec 31/88	10	Apr 1/60
REVISION RECORD		INTRODUCTION/TAB		2	Jan 10/80	11	Jan 5/70
BLANK		* 1	Dec 31/88	3	Jan 10/80	12	BLANK
TEMPORARY REVISION RECORD		* 2	Dec 31/88	4	Jan 10/80	51-1-2	
1 Jul 5/72		* 2A	DELETED	5	Jan 10/80	1	Jan 10/79
2 Oct 25/73		* 2B	DELETED	6	Jan 10/80	2	Jan 10/75
* 2A Dec 31/88		* 2C	DELETED	7	Jan 10/80	3	Jan 10/75
2B BLANK		* 2D	DELETED	8	Jan 10/80	4	Jan 10/79
3 Jul 10/74		* 3	Dec 31/88	9	Jan 10/81	4A	Jan 10/79
4 Jul 5/72		* 4	Dec 31/88	10	Jan 10/81	4B	BLANK
5 Jul 5/72		* 5	Dec 31/88	11	Jan 10/81	5	Jan 10/75
* 6 Dec 31/88		* 6	Dec 31/88	12	Jan 10/81	6	Jan 10/75
* 7 Dec 31/88		* 7	Dec 31/88	13	Jan 10/81	7	Jan 10/75
8 Jul 5/72		* 8	Dec 31/88	14	Jan 10/80	8	Jan 10/79
9 Jul 5/72		* 9	Dec 31/88	15	Jan 10/80	9	Jan 10/79
10 Jul 5/72		* 10	Dec 31/88	16	Jan 10/80	10	Jan 10/79
11 Jul 5/72		* 11	Dec 31/88	17	Jan 10/80	51-1-3	
12 Jul 5/72		* 12	Dec 31/88	18	Jan 10/80	1	Jul 10/77
13 Jul 10/79		* 13	Dec 31/88	51-0		2	Jul 10/77
14 Jul 5/72		* 14	Dec 31/88	1	Oct 1/68	51-2-0	
LIST OF EFFECTIVE PAGES		* 15	Dec 31/88	2	Jan 1/62	1	Jan 10/80
* 1 Dec 31/88		* 16	Dec 31/88	3	Jan 10/74	2	Jan 10/80
* 2 Dec 31/88		* 17	Dec 31/88	4	Jan 1/62	3	Jan 10/80
* 3 Dec 31/88		* 18	Dec 31/88	5	Jan 1/62	4	BLANK
* 4 Dec 31/88		* 19	Dec 31/88	* 6	Dec 31/88	51-2-1	
* 5 Dec 31/88		* 20	Dec 31/88	7	Apr 1/69	1	Jul 10/76
* 6 Dec 31/88		* 21	Dec 31/88	* 8	Dec 31/88	2	Jul 10/76
* 7 Dec 31/88		* 22	Dec 31/88	* 9	Dec 31/88	3	Jul 10/76
* 8 Dec 31/88		* 23	Dec 31/88	* 10	Dec 31/88	4	Jul 10/76
* 9 Dec 31/88		* 24	Dec 31/88	* 11	Dec 31/88	5	Jul 10/76
* 10 Dec 31/88		* 25	Dec 31/88	* 12	Dec 31/88	6	Jul 10/76
* 11 Dec 31/88		* 26	Dec 31/88	51-1-1		7	Jul 10/79
* 12 Dec 31/88		* 27	Dec 31/88	1	Jan 1/64	8	Jul 10/76
* 13 Dec 31/88		* 28	Dec 31/88	2	Jul 1/62	9	Jul 10/76
* 14 Dec 31/88		TABLE OF CONTENTS		3	Jul 5/71	10	Jul 10/76
* 15 Dec 31/88		1 Jul 1/59		4	Jul 5/71	11	Jul 10/76
* 16 Dec 31/88		2 BLANK		5	Apr 1/60	12	Jul 10/76
		CHAPTER 51/TAB		6	Jul 1/59	13	Jul 10/76
				7	Jul 1/59		
				8	Jul 1/59		



INTERCONTINENTAL
STRUCTURAL REPAIR

LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE	
51-2-1 (Cont)		* 18	Dec 31/88	9	Jul 10/77	8	Jan 10/79	
14	Jul 10/76		19	Jul 10/79	10	Jan 10/81	9	Jan 10/79
15	Jul 10/76	* 20	Dec 31/88	11	Jan 10/81	10	Jan 10/79	
16	Jul 10/76		21	Jul 10/79	12	Jan 10/81	11	Jan 10/79
			22	Jul 10/79	13	Jan 10/81	12	Jan 10/79
51-2-2			23	Jul 10/79	14	BLANK	13	Jan 10/79
1	Jan 10/80		24	Jul 10/79			14	Jan 10/79
2	Jan 10/80	* 25	Dec 31/88	51-2-6			15	Jan 10/79
2A	Jan 10/80	* 26	Dec 31/88	1	Jan 1/60		16	Jan 10/79
2B	BLANK	* 27	Dec 31/88	2	Jan 1/60		17	Jan 10/79
3	Apr 1/65	* 28	Dec 31/88	3	Jul 1/59		18	Jan 10/79
4	Jul 1/61	* 29	Dec 31/88	4	Oct 1/66		19	Jan 10/79
5	Jan 1/60	* 30	Dec 31/88				20	Jan 10/79
6	Jul 1/59	* 31	Dec 31/88	51-2-7			21	Jan 10/79
7	Jul 1/59		32	Jul 10/79	1	Apr 1/60	22	Jan 10/79
8	Jul 1/59		33	Jul 10/79	2	Jul 1/59	23	Jan 10/79
9	Jul 1/59		34	Jul 10/79	3	Jul 1/60	23	Jan 10/79
10	Oct 1/59	* 35	Dec 31/88	4	Jul 1/59		24	Jan 10/79
11	Oct 1/59	* 36	Dec 31/88	5	Jul 1/59		25	Jan 10/79
12	Oct 1/59		37	Jul 10/79	6	Jul 1/59	26	BLANK
13	Jul 10/77		38	Jul 10/79	7	Jul 1/59		
14	Jul 10/77		39	Jul 10/79	8	BLANK	51-2-10	
15	Jul 10/77		40	Jul 10/79			1	Oct 1/66
16	BLANK		41	Jul 10/79	51-2-8		2	Oct 1/66
			42	Jul 10/79	1	Apr 1/60		
51-2-3		51-2-4			2	Apr 1/60	51-2-11	
1	Jan 10/79		1	Jan 10/80	3	Apr 1/60	1	Jan 10/77
2	Jul 10/76		2	Jan 10/80	4	Apr 1/60	2	Jan 10/78
3	Jan 10/81		3	Jan 10/80	5	Oct 1/65	3	Jan 10/78
4	Jul 10/79		4	Jan 10/80	6	Jul 10/77	4	Jan 10/75
5	Jul 10/79		5	Jan 10/80	7	Jul 10/77	5	Jan 10/75
6	Jul 10/79		6	Jan 10/80	8	Jul 10/77	6	Jan 10/80
7	Jul 10/79		6	Jan 10/80	9	Jul 10/77	6A	Jan 10/80
8	Jul 10/79				10	BLANK	6B	BLANK
9	Jul 10/79	51-2-5					7	Jan 10/80
10	Jul 10/79	1	Jul 10/77	51-2-9			8	Jan 10/80
11	Jul 10/79	2	Jul 10/77	1	Jan 10/79		8A	Jan 10/80
12	Jul 10/79	3	Jul 10/77	2	Jan 10/79		8B	Jan 10/80
* 13	Dec 31/88	4	Jul 10/77	3	Jan 10/79		9	Jan 10/80
14	Jul 10/79	5	Jul 10/77	4	Jan 10/79		10	Jan 10/78
15	Jul 10/79	6	Jul 10/77	5	Jan 10/79		10A	Jul 10/80
16	Jul 10/79	7	Jul 10/77	6	Jan 10/79		10B	Jul 10/80
17	Jul 10/79	8	Jul 10/77	7	Jan 10/79		11	Jul 10/79



**INTERCONTINENTAL
STRUCTURAL REPAIR**

LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
51-2-11 (Cont)		26	Apr 1/62	59	Jan 1/63	51-4-1	
12	Jul 10/79	27	Jan 1/63	60	Apr 1/62	1	Jul 1/62
13	Jul 10/79	28	Apr 1/62	61	Jul 1/59	2	Jul 1/62
14	Jul 10/79	29	Jul 1/59	62	Apr 1/64	3	Apr 1/66
15	Jul 10/79	30	Apr 1/64	63	Jul 1/59	4	Apr 1/66
16	Jul 10/79	31	Jul 1/59	64	Apr 1/62	5	Jul 1/62
17	Jul 10/79	32	Jul 1/59	64A	Jan 1/63	6	Jul 1/62
18	Jul 10/79	32A	Oct 1/60	64B	BLANK	7	Jul 1/62
19	Jul 10/79	32B	Jan 5/70	65	Apr 1/62	8	BLANK
20	Jul 10/79	33	Oct 1/60	66	Jul 1/59		
21	Jul 10/79	34	Jul 1/59	67	Oct 1/60	51-5-1	
22	Jul 10/79	35	Jul 1/59	68	Jul 1/59	1	Jul 10/80
23	Jul 10/79	36	Jul 1/59	69	Jul 1/59	* 2	Dec 31/88
24	Jul 10/79	37	Jul 1/59	70	Apr 1/62	* 3	Dec 31/88
25	Jul 10/79	38	Jul 1/59	71	Jul 1/59	4	BLANK
26	BLANK	39	Jul 1/59	72	Jul 1/59		
		40	Apr 1/62	73	Jul 1/59	51-5-2	
51-3-1		40A	Apr 1/62	74	Jul 1/59	1	Jan 10/78
1	Oct 1/69	40B	Apr 1/65	75	Jul 1/59	2	BLANK
2	Apr 1/62	41	Jul 1/59	76	Jul 1/59		
3	Apr 1/68	42	Oct 1/67	77	Jul 1/59	51-5-3	
4	Jan 5/70	43	Jul 1/59	78	Apr 1/68	1	Jan 10/80
5	Apr 1/67	44	Jul 1/59	79	Apr 1/62	2	BLANK
6	Jul 5/71	44A	Apr 1/67	80	Apr 1/62		
7	Apr 1/62	44B	BLANK	81	Oct 1/66	51-6-1	
8	Apr 1/62	45	Apr 1/67	82	Jan 5/71	1	Jul 10/76
9	Apr 1/62	46	Jul 1/59	83	Jan 5/71	2	Jul 10/76
10	Apr 1/62	47	Apr 1/62	84	Jan 5/71	2A	Jul 10/76
11	Jul 1/59	48	Jul 1/59			2B	BLANK
12	Apr 1/62	48A	Apr 1/62	51-3-2		3	Jan 10/78
13	Apr 1/63	48B	Apr 1/66	1	Jul 5/71	4	Jan 10/78
14	Jul 1/59	49	Oct 1/60	2	Jan 10/75	5	Jul 10/76
15	Apr 1/67	50	Apr 1/62	3	Jul 10/79	6	Jul 1/59
16	Jul 1/59	51	Apr 1/62	4	Jul 10/79	7	Jul 1/59
17	Jul 1/59	52	Apr 1/62	4A	Jul 10/79	8	Jan 1/60
18	Apr 1/62	52A	Apr 1/62	4B	BLANK	9	Oct 1/59
19	Jul 1/63	52B	Apr 1/62	5	Jul 10/80	10	Jan 1/60
20	Apr 1/68	53	Apr 1/62	6	Jan 10/79	11	Jan 10/81
21	Apr 1/62	54	Jul 1/59	7	Jan 10/79	12	Jul 10/76
22	Apr 1/68	55	Jul 1/59	8	Jul 10/74	13	Jan 10/77
23	Apr 1/62	56	Jul 1/59			14	Jan 1/60
24	Apr 1/62	57	Jul 1/59			15	Jul 10/76
25	Apr 1/62	58	Jan 1/63			16	Jul 1/59



LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
51-6-1 (Cont)		7	Apr 1/61	51-7-4		3	Jan 10/75
17	Jul 1/59	8	Apr 1/61	1	Oct 1/67	4	Jul 5/71
18	Jul 10/76	9	Apr 1/61	2	Jan 10/78	5	Jul 5/71
19	Jan 10/77	10	Apr 1/61	3	Apr 1/60	6	Jul 5/71
20	Oct 1/63	11	Jul 1/60	4	Jul 1/60	7	Jul 5/71
21	Jul 1/59	12	Oct 1/60	5	Oct 1/63	8	Jul 5/71
22	Jul 1/59	13	Oct 1/60	6	BLANK	9	Jul 5/71
23	Jul 1/62	14	BLANK			10	Jul 5/71
24	Jul 1/62			51-7-5		11	Jul 5/71
25	Jul 1/59	51-7-2		1	Jan 10/78	12	Jul 5/71
26	Jul 1/62	1	Apr 1/61	2	Jul 10/76	13	Jul 5/71
26A	Jul 1/62	2	Apr 1/62	3	Jul 10/76	14	Jul 5/71
26B	BLANK	3	Apr 1/62	4	Jul 10/76	15	Jul 5/71
27	Jul 1/62	4	BLANK	5	Jul 10/76	16	Jul 5/71
28	Jan 10/77			6	Jan 10/77	17	Jul 5/71
28A	Jan 10/77	51-7-3				18	Jan 10/78
28B	BLANK	1	Apr 1/60	51-7-6		18A	Jan 10/78
29	Jul 1/59	2	Apr 1/60	1	Apr 1/60	18B	Jan 10/78
30	Jul 1/59	3	Apr 1/60	2	BLANK	18C	Jan 10/78
31	Jul 1/59	4	Apr 1/60			18D	BLANK
32	Jul 1/59	5	Apr 1/60	51-8-0		19	Jan 10/78
33	Jul 10/79	6	Jul 1/61	1	May 5/70	20	Jul 5/71
34	Jul 10/76	7	Apr 1/60	2	May 5/70	21	Jul 5/71
35	Jul 1/59	8	Apr 1/60	3	May 5/70	22	Jul 5/71
36	Jul 1/59	9	Apr 1/60	4	May 5/70	23	Jul 5/71
37	Jul 1/59	10	Apr 1/60	5	Jul 5/71	24	BLANK
38	Jul 1/59	11	Apr 1/60	6	Jul 10/77	25	Jul 5/71
39	Jul 1/62	12	Apr 1/60	6A	Jan 10/81	26	Jan 10/78
40	Jul 1/61	13	Apr 1/60	6B	Jul 10/81	27	Jul 5/71
41	Jul 1/62	14	Apr 1/60	6C	Jul 10/81	28	Jul 5/71
42	Jul 1/62	15	Apr 1/60	6D	Jul 10/81	29	Jul 5/71
		16	Apr 1/60	6E	Jul 10/81	30	Jul 10/74
51-7-0		17	Apr 1/60	6F	BLANK	31	Jul 10/74
1	Oct 1/60	18	Apr 1/60	7	Jan 10/78	32	BLANK
2	BLANK	19	Apr 1/60	8	May 5/70		
		20	Apr 1/60	9	Jan 10/77	51-8-2	
51-7-1		21	Apr 1/60	10	Jul 10/77	1	Jan 10/80
1	Apr 1/60	22	Apr 1/60			2	Jul 10/79
2	Oct 1/60	23	Apr 1/60	51-8-1			
3	Apr 1/61	24	BLANK	1	Jul 5/71	51-9-1	
4	Oct 1/60			2	Jul 5/71	1	Jul 10/79
5	DELETED			2A	Jan 10/75	2	Jul 10/79
6	DELETED			2B	BLANK	3	Jul 10/79



LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
51-9-1 (Cont)		4N	Jan 10/81	39	Jan 10/81	51-10-4	
4	Jul 10/79	40	Jan 10/81	40	Jan 10/81	1	Oct 1/66
5	Jul 10/79	4P	Jan 10/81	41	Jan 10/81	2	Oct 1/66
6	Jul 10/79	5	Jul 10/74	42	Jul 10/81	2A	Oct 1/66
7	Jul 10/79	6	Jul 10/81	43	Jan 10/81	2B	Jul 10/75
8	Jul 10/79	6A	Jul 10/81	44	Jul 10/81	3	Jul 10/75
9	Jul 10/79	6B	Jul 10/81			4	Jul 10/75
10	Jul 10/79	6C	Jul 10/81	51-10-2		5	Jul 10/75
11	Jul 10/79	6D	BLANK	1	Oct 1/59	6	Apr 1/66
12	Jul 10/79	7	Jan 10/80	2	Apr 1/69		
13	Jul 10/79	8	Jul 10/75	3	Jan 10/76	51-11-1	
14	BLANK	9	Jul 10/75	4	Jul 10/74	1	Jul 10/75
		10	Jan 10/78	5	Apr 1/69	2	Jul 10/75
51-9-2		11	Jul 10/78	6	Jul 1/59	3	Jan 10/78
1	Apr 1/66	12	Jul 1/59	7	Jul 1/59	4	Jul 10/75
2	Jul 10/75	13	Jul 10/75	8	Jul 1/59	5	Jul 10/75
3	Jan 10/75	14	Jul 1/59			6	Jul 10/75
4	Jul 10/78	15	Jul 1/59	51-10-3		7	Jul 10/75
5	Jul 10/75	16	Jul 1/59	1	Apr 1/63	8	Apr 1/60
6	Jul 10/79	17	Jul 5/71	2	Apr 1/63	9	Jul 10/78
7	Jul 10/79	18	Jul 1/59	3	Jul 5/71	10	Jul 10/75
8	BLANK	18A	BLANK	4	Oct 1/66	11	Jul 10/75
		18B	Jul 10/79	5	Oct 1/66	12	Jul 10/75
51-10-1		19	Jul 10/79	6	Oct 1/65	13	Apr 1/69
1	Apr 1/64	20	Jan 10/75	7	Oct 1/65	14	BLANK
2	Jan 10/78	21	May 5/70	8	Oct 1/65	15	Jan 5/71
2A	Jan 10/78	22	Jul 10/75	9	Oct 1/65	16	Jan 10/77
2B	BLANK	23	Jul 5/71	10	Oct 1/65	17	Apr 1/69
3	Jul 10/75	24	Jul 10/75	11	Oct 1/65	18	Apr 1/69
4	Jul 10/75	25	Jan 10/78	12	Jan 10/75	19	Apr 1/69
4A	Jan 10/81	26	Jul 1/62	12A	Jan 10/75	20	Jul 5/72
4B	Jan 10/81	27	Jul 10/75	12B	Jan 10/75	21	Jul 10/75
4C	Jan 10/81	28	Oct 1/66	13	Jan 10/75	22	Jul 10/75
4D	Jan 10/81	29	May 5/70	14	Jan 10/75	23	Jan 10/75
4E	Jan 10/81	30	Jan 10/78	15	Jan 10/75	24	Jul 10/79
4F	Jan 10/81	31	Jan 10/78	16	Jan 10/75	24A	Jul 10/79
4G	Jan 10/81	32	Jan 10/78	17	Jan 10/75	24B	BLANK
4H	Jan 10/81	33	Jan 10/81	18	May 5/70	25	Jul 5/72
4I	Jan 10/81	34	Jan 10/81	19	Oct 1/65	26	Jul 5/72
4J	Jan 10/81	35	Jan 10/81	20	Oct 1/65	26A	Jul 5/72
4K	Jan 10/81	36	Jan 10/81			26B	BLANK
4L	Jan 10/81	37	Jan 10/81			27	Jul 10/75
4M	Jan 10/81	38	Jul 10/81			28	Jul 10/75



LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
51-11-1 (Cont)		65	Jan 10/75	51-12-1		3	May 5/70
29	Jul 10/75	66	Jan 10/75	1	Jan 1/61	4	May 5/70
30	Jul 10/75	66A	Jul 10/75	2	Jan 1/61	4A	Oct 1/67
31	Jan 5/70	66B	BLANK	3	Jul 10/74	4B	Oct 1/67
32	Oct 1/67	67	Jul 10/75	4	Jul 10/74	5	Jul 1/60
33	Jul 10/75	68	Apr 1/69	5	Jul 1/59	6	BLANK
34	Jul 10/75	69	Apr 1/69	6	Jul 1/59		
35	Oct 1/67	70	Jan 10/78			51-14-4	
36	Oct 1/67	71	Apr 1/69	51-13-1		1	Oct 1/69
37	Oct 1/67	72	Apr 1/69	1	Jul 10/81	2	Oct 1/60
38	Jan 10/79	73	Oct 1/69	2	Jul 10/81	3	Apr 1/67
38A	Jan 10/79	74	Apr 1/69	2A	Jul 10/81	4	Oct 1/60
38B	BLANK	75	Apr 1/69	2B	Jul 10/81	5	Oct 1/60
39	Jul 10/75	76	Apr 1/69	3	Apr 1/69	6	Oct 1/60
40	Apr 1/69	77	Jan 10/76	4	Jan 5/70	7	Jul 10/80
41	Jan 10/79	78	Jan 10/77	5	Jul 5/71	8	Jul 10/80
42	Jan 10/79	79	Jan 10/77	6	Jul 5/71	9	Jul 10/80
42A	Jan 10/79	80	Apr 1/69			10	Jul 10/80
42B	BLANK	81	Apr 1/69	51-14-0		11	Jan 10/81
43	Jul 10/75	82	Jul 15/73	1	Jan 1/60	12	Jan 10/81
44	Jul 10/75	83	Oct 1/69	2	BLANK	13	Jul 10/81
45	Jul 5/72	84	Apr 1/69			14	Jul 10/81
46	Jul 10/74	85	Jul 10/79	51-14-1		15	Jul 10/81
47	Oct 1/67	86	Jul 10/79	1	Oct 1/59	16	Jul 10/81
48	Jul 10/74			2	May 5/70	17	Jan 10/81
49	Jan 10/79	51-11-2		3	Oct 1/59	18	Jul 10/81
50	Jan 10/79	1	Jul 10/74	4	Jul 1/59	19	Jan 10/81
50A	Jan 10/79	2	Jul 10/74	5	Apr 1/64	20	Jul 10/81
50B	BLANK	3	Jul 10/74	6	Apr 1/64	21	Jan 10/81
51	Jul 10/75	4	Jul 10/74	7	Oct 1/59	22	Jan 10/81
52	Oct 1/67	5	Jul 10/74	8	BLANK	23	Jan 10/81
53	Oct 1/67	6	Jul 10/74			24	Jul 10/81
54	Jan 10/78	7	Jul 10/74	51-14-2		25	Jan 10/81
55	Oct 1/67	8	Jul 10/74	1	Jan 10/78	26	BLANK
56	Oct 1/67	9	Jul 10/74	2	Jul 10/75		
57	Oct 1/67	10	Jul 10/74	3	Jan 10/78	51-15-0	
58	Oct 1/67	11	Jul 10/74	4	Jul 10/75	1	Sep 15/71
59	Apr 1/69	12	Jul 10/74	5	BLANK	2	Oct 25/73
60	Apr 1/69	13	Jul 10/74	6	Apr 1/68	3	Sep 15/71
61	Jan 10/75	14	BLANK			4	Sep 15/71
62	Jul 10/76			51-14-3		4A	Oct 25/73
63	Jan 10/75			1	May 5/70	4B	BLANK
64	Jan 10/75			2	May 5/70	5	Oct 25/73



INTERCONTINENTAL
STRUCTURAL REPAIR

LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
51-15-0 (Cont)		8	Sep 15/71	5	Oct 25/73	6	Oct 25/73
6	Sep 15/71	9	Sep 15/71	6	Jan 5/70	7	Oct 25/73
7	Jan 10/75	10	BLANK	6A	Jul 10/80	8	Oct 25/73
8	Jul 10/80			6B	BLANK	9	Oct 25/73
9	Sep 15/71	51-15-3		7	Jul 10/80	10	Oct 25/73
10	Sep 15/71	1	Oct 25/73	8	Oct 25/73		
11	Sep 15/71	2	Oct 25/73	9	Oct 25/73	51-15-9	
12	Sep 15/71	3	Oct 25/73	10	Oct 25/73	1	Oct 25/73
12A	Jul 10/80	4	Oct 25/73	11	Oct 25/73	2	Oct 25/73
12B	BLANK	5	Oct 25/73	12	Oct 25/73	3	Oct 25/73
13	Jan 10/79	6	Oct 25/73	13	Oct 25/73	4	Oct 25/73
14	Jul 10/77	7	Sep 15/71	14	Oct 25/73	5	Oct 25/73
15	Jul 10/77	8	Oct 25/73	15	Oct 25/73	6	Oct 25/73
16	Jul 10/77	9	Oct 25/73	16	Sep 15/71	7	Oct 25/73
		10	Jul 10/78			8	Oct 25/73
51-15-1		11	Sep 15/71	51-15-6		9	Jan 10/81
1	Oct 25/73	12	Jul 10/78	1	Oct 25/73	10	Jul 10/76
2	Oct 25/73	13	Oct 25/73	2	Oct 25/73		
3	Oct 25/73	14	Sep 15/71	3	Oct 25/73	51-15-10	
4	Oct 25/73			4	Sep 15/71	1	Oct 25/73
5	Oct 25/73	51-15-4				2	Oct 25/73
6	Oct 25/73	1	Oct 25/73	51-15-7		3	Oct 25/73
6A	Jul 10/80	2	Oct 25/73	1	Oct 25/73	4	Oct 25/73
6B	BLANK	3	Oct 25/73	2	Jan 10/81	5	Jan 10/75
7	Jul 10/80	4	Oct 25/73	3	Oct 25/73	6	Jul 10/80
8	Jul 10/80	5	Oct 25/73	4	Oct 25/73	7	Jul 10/80
9	Oct 25/73	6	Oct 25/73	5	Oct 25/73	8	Oct 25/73
10	Oct 25/73	7	Oct 25/73	6	Oct 25/73	9	Oct 25/73
11	Oct 25/73	8	Jul 10/80	7	Oct 25/73	10	Jul 10/80
12	Oct 25/73	8A	Jul 10/80	8	Oct 25/73	11	Jan 10/79
13	Oct 25/73	8B	BLANK	8A	Jul 10/80	12	BLANK
14	Oct 25/73	9	Oct 25/73	8B	BLANK		
15	Oct 25/73	10	Oct 25/73	9	Oct 25/73	51-15-11	
16	BLANK	11	Oct 25/73	10	Jan 10/81	1	Jan 15/73
		12	Oct 25/73	11	Jan 10/81	2	Oct 25/73
51-15-2		13	Oct 25/73	12	Oct 25/73	3	Oct 25/73
1	Oct 25/73	14	Oct 25/73			4	Oct 25/73
2	Oct 25/73			51-15-8		5	Oct 25/73
3	Oct 25/73	51-15-5		1	Oct 25/73	6	Oct 25/73
4	Oct 25/73	1	Oct 25/73	2	Oct 25/73	6A	Oct 25/73
5	Oct 25/73	2	Oct 25/73	3	Oct 25/73	6B	BLANK
6	Oct 25/73	3	Oct 25/73	4	Oct 25/73	7	Sep 15/71
7	Jul 10/80	4	Oct 25/73	5	Oct 25/73	8	Oct 25/73



INTERCONTINENTAL
STRUCTURAL REPAIR

LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
51-15-11 (Cont)		52-0		35	Apr 1/62	53-0	
8A	Jul 10/80	1	Jul 1/59	36	Apr 1/62	1	Jul 10/77
8B	BLANK	2	BLANK	37	Apr 1/62	2	BLANK
9	Jan 5/71			38	Apr 1/68		
10	Jan 5/71	52-1-1				53-1-1	
11	May 5/70	1	May 5/70	52-2-1		1	Jan 10/74
12	Jul 5/72	2	Jul 15/73	1	Jul 10/74	2	Jan 5/72
13	Oct 25/73	3	Jul 15/73	2	Jan 1/61	2A	Jul 10/76
14	Oct 25/73	4	Jul 15/73			2B	BLANK
		5	Jul 15/73	52-3-1		3	Jan 5/72
51-15-12		6	Jul 15/73	1	Jan 5/70	4	Jan 5/72
1	Oct 25/73	7	Jul 15/73	2	Jan 5/70	5	Jan 5/72
2	Oct 25/73	8	Jul 15/73	3	Jan 5/70	6	Jan 5/72
3	Oct 25/73	9	Jul 15/73	4	Jan 5/70		
4	Jan 5/71	10	Jul 15/73	5	Jan 5/70	53-1-2	
5	Oct 25/73	11	Jul 15/73	6	Jan 1/60	1	Jul 1/59
6	Oct 25/73	12	Jul 15/73	7	Jan 1/60	2	BLANK
7	Oct 25/73	13	Jul 5/72	8	Jan 1/60		
8	Oct 25/73	14	Jul 10/79	9	May 5/70	53-1-3	
9	Oct 25/73	15	Jul 10/79	10	Apr 1/61	1	Jul 5/71
10	Oct 25/73	16	BLANK	11	Jul 1/60	2	Jul 5/71
11	Jan 5/71	17	Jul 5/72	12	Jul 1/60	3	Jul 5/71
12	Oct 25/73	18	Jul 5/72	13	Apr 1/63	4	Jul 5/71
		19	Jul 5/72	14	Jul 5/70	5	Jul 5/71
51-15-13		20	Jan 1/61	15	Oct 1/68	6	Jul 5/71
1	Oct 25/73	21	Jul 1/59	16	Oct 1/68		
2	Oct 25/73	22	Jan 1/61	17	Oct 1/68	53-2-1	
3	Oct 25/73	23	Jul 1/59	18	May 5/70	1	Jan 10/80
4	Jan 10/76	24	Jul 1/61	19	May 5/70	2	Jan 10/80
5	Jan 10/76	25	Jul 1/61	20	Jul 5/70	3	Jul 10/76
6	Jan 10/76	26	Jan 1/61	21	May 5/70	4	Jul 10/76
7	Jan 10/76	27	Jan 1/61	22	May 5/70	5	Jul 10/76
8	Oct 25/73	28	Jan 1/61	23	Oct 1/68	6	Jan 1/64
9	Jan 5/71	29	Jul 1/59	24	Oct 1/68	6A	Oct 1/69
10	BLANK	30	Jul 10/79			6B	Oct 1/69
		30A	Jul 10/79	CHAPTER 53/TAB		7	Oct 1/69
CHAPTER 52/TAB		30B	Jul 5/72	CONTENTS 53		8	Jan 1/64
		30C	Jul 10/76	1	Jul 10/76	9	Jul 15/73
CONTENTS 52		30D	BLANK	2	Jan 10/81	10	Jan 10/74
1	Jan 5/70	31	Apr 1/69	* 3	Dec 31/88	11	May 5/70
2	BLANK	32	Jul 1/61	4	BLANK	12	Jul 10/76
		33	Jul 1/61				
		34	Jul 1/61				



**INTERCONTINENTAL
STRUCTURAL REPAIR**

LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
53-3-1		2C	Jan 10/76	28D	Jan 10/81	12C	Jan 10/78
1	Jul 10/81	2D	Jan 10/76	28E	Jan 10/81	12D	Jan 10/80
2	Jul 10/81	2E	Jan 10/76	28F	Jan 10/81	13	Jul 5/72
3	Jan 10/79	2F	Jan 10/76	28G	Jan 10/81	14	Jul 5/72
4	Jan 10/79	2G	Jan 10/80	28H	BLANK	15	Jul 5/72
5	Jan 10/79	2H	Jan 10/76	29	Jan 10/81	16	Jul 5/72
6	Jul 10/79	3	Jan 10/76	30	Oct 1/68	16A	Jul 5/72
7	Jan 10/75	4	BLANK	31	Oct 1/66	16B	Jul 5/72
8	Jul 10/75	4A	Jan 10/76	32	Oct 1/66	17	Jul 5/72
8A	Jan 10/74	4B	Jul 10/76	33	Oct 1/66	18	Jul 5/72
8B	Jul 5/72	4C	Jan 10/76	34	Jul 5/70	19	Jul 5/72
8C	Jan 10/74	4D	Jan 10/76	35	Oct 1/68	20	Jul 5/72
8D	Jul 5/72	4E	Jan 10/76	36	Jul 5/70	21	Jul 15/73
9	Jul 5/72	4F	Jan 10/76	37	May 5/70	22	Jul 10/78
10	Jan 10/74	5	BLANK	38	Jul 10/75	22A	Jan 10/75
11	Jan 1/62	6	Jan 5/70	39	BLANK	22B	Jul 15/73
12	Jul 10/81	7	Jan 5/70	40	Jul 10/76	23	Jul 10/78
12A	Jul 10/81	8	Jan 10/76	41	Jul 10/76	24	Jan 10/74
12B	BLANK	9	Apr 1/60	42	Jul 10/76	24A	Jan 10/74
13	Jan 10/79	10	Oct 1/60	43	Jul 10/76	24B	Jul 15/73
14	Jan 10/79	11	Oct 1/67	44	Jul 10/76	24C	Jul 15/73
15	Jan 10/74	12	Apr 1/60	45	Jan 10/80	24D	Jan 10/74
16	Jan 10/79	13	Jan 10/80	46	Jan 10/82	25	Jul 15/73
16A	Jan 10/79	14	Oct 1/60	47	Jan 10/80	26	Jul 15/73
16B	Jan 10/79	15	Jan 1/61	48	BLANK	27	Jul 10/75
17	BLANK	16	Jan 1/61			28	Jul 10/75
18	Jul 10/74	17	Jan 1/61	53-3-3		29	Jul 15/73
19	Jul 10/74	18	Apr 1/61	1	Jan 5/72	30	Jul 15/73
20	Jul 10/76	19	Apr 1/61	2	Jan 5/72	30A	Jul 15/73
20A	Jul 10/74	20	Oct 1/61	3	Jan 5/72	30B	Jul 15/73
20B	Jul 10/74	21	Oct 1/61	4	Jan 5/72	30C	Jul 10/78
21	Jan 10/76	22	Oct 1/61	4A	Jul 10/75	30D	Jan 10/78
22	Jan 10/76	23	Oct 1/61	4B	Jul 10/74	30E	Jul 10/75
23	Jul 10/74	24	Oct 1/61	5	Jan 10/80	30F	Jul 10/75
24	Jan 10/74	25	Oct 1/61	6	Jul 10/75	30G	Jul 10/75
25	Jul 10/74	26	Jan 10/81	7	Jul 5/72	30H	Jul 10/75
26	BLANK	26A	Jul 10/81	8	Jan 10/80	31	Jan 5/72
		26B	BLANK	9	Jan 15/73	32	Jan 10/74
53-3-2		27	Jul 10/81	10	Jul 10/75	32A	Jul 15/73
1	Jan 10/76	28	Jan 10/77	11	Jul 10/74	32B	Jan 10/74
2	Jan 10/80	28A	Jul 5/71	12	Jul 5/72	32C	Jan 10/74
2A	Jul 10/76	28B	Jan 10/81	12A	Jan 5/72	32D	Jan 10/74
2B	Jan 10/76	28C	Jan 10/81	12B	Jul 10/75	33	Jan 5/72



INTERCONTINENTAL
STRUCTURAL REPAIR

LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
53-3-3 (Cont)		46B	Jan 10/74	69	Jul 10/77	90	Jan 10/74
34	BLANK	47	Jan 10/74	70	Jul 10/77	91	Jan 10/76
35	Jul 5/72	48	Jan 10/74	70A	Jul 10/77	92	Jan 10/76
36	Jul 5/72	49	Jan 10/74	70B	Jul 10/77	92A	Jan 10/76
36A	Jan 10/74	50	Jul 5/72	71	Jul 10/77	92B	Jan 10/76
36B	Jan 10/74	51	Jul 5/72	72	Jul 10/77	93	Jan 10/76
36C	Jan 10/74	52	Jul 15/73	73	Jul 10/77	94	Jan 10/76
36D	Jan 10/74	52A	Jan 10/74	74	Jul 10/77	94A	Jan 10/76
36E	Jan 10/74	52B	BLANK	75	Jul 10/77	94B	Jan 10/76
36F	Jan 10/74	53	Jul 5/72	76	Jul 10/77	95	Jan 10/76
36G	Jan 10/74	54	Jul 5/72	77	Jul 10/77	96	Jan 10/76
36H	Jul 10/74	55	Jul 5/72	78	Jul 10/77	97	Apr 1/66
36I	Jul 10/78	56	Jul 10/74	79	Jul 10/77	98	Jan 1/64
36J	Jul 10/80	56A	Jul 10/74	80	Jul 10/77	99	Jul 1/63
37	Jan 10/76	56B	BLANK	80A	Jul 10/77	100	Jul 1/63
38	Jul 10/78	57	Jan 10/76	80B	Jul 10/77	101	Jan 1/63
39	Jul 10/80	58	Jan 10/75	81	Jul 10/77	102	Apr 1/64
40	Jan 10/74	58A	Jul 10/78	82	Jul 10/77	103	Apr 1/64
40A	Jan 10/74	58B	Jul 10/74	83	Jul 10/77	104	Apr 1/64
40B	Jan 10/74	59	Jul 10/74	84	Jul 10/77	105	Jul 10/75
40C	Jan 10/74	60	Jul 10/74	84A	Jul 10/77	106	Jul 10/75
40D	Jan 10/76	60A	Jul 10/74	84B	Jul 10/77	107	Jul 10/75
41	Jul 10/78	60B	Jul 10/74	84C	Jul 10/77	108	Jul 10/75
42	Jul 10/80	60C	Jan 10/74	84D	Jul 10/77	109	Jul 10/79
43	Jul 10/74	60D	Jan 15/73	84E	Jul 10/77	110	Jul 10/79
44	Jan 10/74	60E	Jan 15/73	84F	Jul 10/77	111	Jul 10/79
44A	Jan 10/78	60F	Jan 15/73	84G	Jul 10/77	112	BLANK
44B	Jul 10/74	60G	Jan 10/76	84H	Jul 10/77		
44C	Jan 10/74	60H	Jan 10/74	84I	Jul 10/77	53-3-4	
44D	Jul 10/74	61	Jul 10/77	84J	Jul 10/77	1	Jan 5/70
44E	Jul 10/74	62	Jul 10/77	84K	Jul 10/77	2	Jul 1/59
44F	Jan 10/74	62A	Jul 10/77	84L	Jul 10/77	3	Jul 1/59
44G	Jan 10/74	62B	Jul 10/77	84M	Jul 10/77	4	Jul 10/77
44H	Jan 10/74	63	Jul 10/77	84N	Jul 10/77	5	Jul 10/77
44I	Jan 10/74	64	Jul 10/77	84O	Jul 10/77	6	Jul 10/77
44J	Jul 10/74	64A	Jul 10/77	84P	Jul 10/77	6A	Jul 10/77
44K	Jul 10/74	64B	BLANK	84Q	Jul 10/77	6B	Jul 10/77
44L	Jul 10/74	65	Jul 10/77	84R	Jul 10/77	7	Jul 10/77
44M	Jan 10/76	66	Jul 10/77	85	Jul 10/77	8	May 5/70
44N	Jul 10/78	67	Jul 10/77	86	Jan 10/76	9	May 5/70
45	Jul 10/78	68	Jul 10/77	87	Jan 10/76	10	May 5/70
46	Jul 5/72	68A	Jul 10/77	88	Jan 10/76	11	Jul 5/70
46A	Jan 10/74	68B	Jul 10/77	89	Jul 10/76	12	May 5/70



INTERCONTINENTAL
STRUCTURAL REPAIR

LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
53-3-5		* 19	Dec 31/88	36	Jan 10/75	CHAPTER 54/TAB	
1	Oct 1/68	* 20	Dec 31/88	37	Oct 1/69		
2	Oct 1/68	* 21	Dec 31/88	38	Jul 5/70	CONTENTS 54	
2A	Apr 1/68	* 22	Dec 31/88	39	Oct 1/69	1	Jan 5/70
2B	Apr 1/68	* 23	Dec 31/88	40	Oct 1/69	* 2	Dec 31/88
2C	Apr 1/68	* 24	BLANK	41	Oct 1/69		
2D	Jan 5/70			42	Jul 5/72	54-0	
2E	Jan 5/70	53-3-7		43	Jul 5/72	1	Jul 1/59
2F	Oct 1/68	1	Oct 1/69	44	Jul 5/72	2	BLANK
2G	Oct 1/68	2	May 5/70	44A	Jul 5/72		
2H	Oct 1/68	3	Jul 1/60	44B	BLANK	54-1-1	
3	Oct 1/68	4	Jul 1/60	45	Jul 5/70	1	Apr 1/67
4	Oct 1/68	5	Jul 1/60	46	Jan 10/75	2	Apr 1/67
5	Oct 1/68	6	May 5/70	47	Jan 10/75	3	Apr 1/68
6	Jul 1/61	7	Oct 1/67	48	Jan 10/75	4	BLANK
7	Jul 1/61	8	Jan 10/76	49	Jan 10/75		
8	Jul 1/61	9	Jan 10/76	50	Jan 10/75	54-2-1	
9	Apr 1/64	10	Jan 10/76	51	Jan 10/75	1	Jan 1/62
10	Apr 1/64	11	Jan 10/77	52	Jan 10/75	2	Apr 1/68
11	Jul 5/72	12	Apr 1/64	53	Jan 5/70	3	Jan 5/71
12	Jul 5/71	13	Apr 1/64	54	Jan 5/70	4	Jul 10/79
13	Jul 5/72	14	Apr 1/64	55	Jan 10/75	5	Jul 10/79
14	Jul 5/72	15	Apr 1/64	56	BLANK	6	Jul 10/79
		16	Apr 1/64				
53-3-6		17	Apr 1/64	53-3-8		54-2-2	
1	Apr 1/62	18	Apr 1/64	1	Jul 5/70	1	Oct 1/60
2	Apr 1/66	19	Apr 1/64	2	May 5/70	2	BLANK
3	Apr 1/64	20	Apr 1/64	3	May 5/70		
4	Jul 5/71	21	Apr 1/64	4	May 5/70	54-3-1	
5	Oct 1/65	22	Apr 1/64			1	Jan 10/78
6	Apr 1/66	23	Apr 1/64	53-3-9		2	Oct 1/63
7	Apr 1/66	24	Apr 1/64	1	Jul 5/72	3	Jul 10/76
8	Oct 1/66	25	Apr 1/64	2	Jul 5/72	4	BLANK
9	Jan 10/81	26	Apr 1/64	3	Jul 5/72		
10	Jan 10/81	27	May 5/70	4	Jul 5/72	54-3-2	
11	Jan 10/81	28	Apr 1/66	5	Jul 5/72	1	Jan 5/70
12	Jul 10/81	29	Jul 5/70	6	Jul 5/72	2	Jan 5/70
13	Jul 10/81	30	Apr 1/67			3	Jan 5/70
14	Jul 10/81	31	Apr 1/67	53-4-1		4	May 5/70
* 15	Dec 31/88	32	Apr 1/67	1	Oct 1/64	5	Jan 5/70
* 16	Dec 31/88	33	Apr 1/67	2	BLANK	6	May 5/70
* 17	Dec 31/88	34	Jan 10/75			7	Jan 5/70
* 18	Dec 31/88	35	Oct 1/67			8	May 5/70



LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
54-3-2 (Cont)		49	Jan 1/63	18	Jan 1/64	17	Jan 15/73
9	Jan 5/70	50	Jan 1/63	19	Jan 1/64	18	Jan 15/73
10	May 5/70	51	Jan 1/63	20	Jul 10/74	19	Jan 15/73
11	Jan 5/70	52	Oct 1/69	21	Jul 10/74	20	Jan 10/77
12	Jan 10/78	53	Jul 10/80	22	Jul 10/74	21	Jan 10/77
12A	Jan 10/78	54	Oct 1/69	23	Jul 10/74	22	Jan 10/77
12B	BLANK	55	Oct 1/69	24	Jul 10/74	23	Jan 10/77
13	Jan 10/78	56	Oct 1/69	25	Jul 10/74	24	Jan 10/77
14	Oct 1/60	57	Oct 1/69	26	Jul 10/74		
15	Oct 1/60	58	May 5/70	27	Jul 10/74	54-4-3	
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18	Jan 1/61			54-4-1		3	Jul 15/73
19	Oct 1/61	54-3-3		1	Jul 15/73	4	Jul 15/73
20	Apr 1/61	1	Oct 1/64	2	Jul 15/73	5	Jul 15/73
21	Apr 1/61	2	Oct 1/64	3	Jul 15/73	6	Jul 15/73
22	Oct 1/61	3	Jan 1/64	4	Jul 15/73	7	Jul 15/73
23	Oct 1/61	4	Jan 1/64	5	Jan 10/76	8	Jul 15/73
24	Oct 1/61	5	Oct 1/68	6	Jan 10/76	8A	Jul 15/73
25	Oct 1/64	6	Jul 10/76	7	Jan 10/76	8B	Jul 15/73
26	Jan 1/62	7	Jan 10/74	8	BLANK	8C	Jul 15/73
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31	Jan 1/62	54-3-4		3	Jan 5/70	12	Jan 5/70
32	Jan 1/62	1	Oct 1/60	4	Jan 5/70	13	Jan 5/70
33	Jan 1/62	2	Oct 1/61	5	Jan 10/77	14	Jan 5/70
34	Jan 1/62	3	Oct 1/61	6	Jan 10/77		
35	Jan 1/62	4	Oct 1/61	6A	Jan 10/77	54-4-4	
36	Jan 1/62	5	Oct 1/61	6B	BLANK	1	Oct 1/60
37	Jan 1/62	6	Oct 1/61	7	Oct 1/60	2	Oct 1/60
38	Jan 1/62	7	Oct 1/61	8	Oct 1/60	3	Apr 1/67
39	Apr 1/62	8	Jan 1/62	9	Apr 1/67	4	Oct 1/62
40	Apr 1/62	9	Apr 1/62	10	Apr 1/67	5	Jan 1/63
41	Apr 1/62	10	Apr 1/62	10A	Jan 10/77	6	Jan 1/63
42	Oct 1/63	11	Oct 1/63	10B	Oct 1/69	7	Jan 1/63
43	Oct 1/62	12	Oct 1/63	11	Oct 25/73	8	Jan 1/63
44	Oct 1/62	13	Jan 1/64	12	Oct 1/69	9	Jan 1/63
45	Jan 1/63	14	Jan 1/64	13	Oct 1/69	10	Oct 1/65
46	Jan 1/63	15	Jan 1/64	14	Oct 1/69	11	Oct 1/65
47	Jan 1/63	16	Jan 1/64	15	Jan 15/73	12	Apr 1/63
48	Jan 1/63	17	Jan 1/64	16	Jan 15/73	13	Apr 1/63



INTERCONTINENTAL
STRUCTURAL REPAIR

LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
54-4-4 (Cont)		55-1-1		55-3-6		5	Jul 5/71
14	Jan 10/78	1	Jul 10/79	1	Jan 5/70	6	Jul 5/71
15	Jan 10/78	2	Jul 1/62	2	Jan 10/80	7	Jul 5/71
16	Jan 10/78	3	Oct 1/62			8	Jul 5/71
17	Jan 10/78	4	BLANK	55-3-7		9	Jul 5/71
18	Jan 10/78			1	Jul 10/77	10	BLANK
19	Jul 10/81	55-2-1		2	Jul 10/77		
20	Jan 10/81	1	Apr 1/66	3	Jul 10/77	55-4-3	
21	Jan 10/81	2	Apr 1/68	4	Jul 10/77	1	Apr 1/68
22	Jan 10/81	3	Jul 1/59			2	Jul 5/72
23	Jan 10/81	4	Oct 1/65	55-3-8		3	Apr 1/68
24	Jan 10/81	5	Apr 1/68	1	Jul 5/72	4	Jul 5/70
25	Jul 10/81	6	Jul 1/59	2	Jul 5/72		
26	Jan 10/81			3	Jul 5/72	55-4-4	
* 27	Dec 31/88	55-3-1		4	Jul 5/72	1	May 5/70
* 28	Dec 31/88	1	Apr 1/69	5	Jul 5/72	2	BLANK
* 29	Dec 31/88	2	Oct 1/66	6	Jul 5/72		
* 30	Dec 31/88	3	Apr 1/69	7	Jul 5/72	55-5-1	
* 31	Dec 31/88	4	BLANK	8	BLANK	1	Jul 10/76
* 32	Dec 31/88					2	Jul 10/76
* 33	Dec 31/88	55-3-2		55-3-9		3	Jul 10/75
* 34	Dec 31/88	1	Jan 1/60	1	Jul 10/80	4	Jul 10/76
* 35	Dec 31/88	2	Jul 5/70	2	Jul 10/80	5	Jul 10/76
* 36	BLANK	3	Jan 5/70	3	Jul 10/80	6	BLANK
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54-5-1		5	Jan 1/60	5	Jul 10/80	55-5-2	
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		55-3-3		8	Jul 10/80	3	Jul 1/59
CHAPTER 55/TAB		1	Jul 5/72	9	Jul 10/80	4	BLANK
		2	Jul 10/74	10	Jul 10/80		
CONTENTS 55		3	Jul 10/78	11	Jul 10/80	55-5-3	
1	Jul 10/80	4	Jul 10/78	12	Jul 10/80	1	Jan 5/72
2	Jan 10/80	5	Jul 10/78			2	Jan 5/72
		6	Jul 10/78	55-4-1		3	Jan 5/72
55-0				1	Oct 1/59	4	Jul 10/76
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2	BLANK	1	Jul 1/59			4B	BLANK
		2	Jul 1/59	55-4-2		5	Jul 10/75
		55-3-5		1	Jul 5/71	6	Jan 5/72
		1	Apr 1/67	2	Jul 5/71	7	Jan 5/72
		2	BLANK	3	Jul 5/71	8	Jul 10/76
				4	Jul 5/71		



LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
55-5-4		55-8-1		57-0		23	Jan 10/79
1	Jul 1/59	1	Oct 1/67	1	Jul 1/59	24	Jan 10/79
2	BLANK	2	BLANK	2	BLANK	25	Jan 10/79
						26	Jan 10/79
55-5-5		55-8-2		57-1-1		27	Jan 10/79
1	Jan 1/60	1	Oct 1/67	1	Jan 5/71	28	BLANK
2	BLANK	2	BLANK	2	Jan 5/71		
				3	Jan 5/71		
55-5-6		CHAPTER 56/TAB		4	BLANK	57-2-2	
1	Jan 5/70					1	May 5/70
2	Jul 1/60	CONTENTS 56		57-2-1		2	May 5/70
3	Jul 1/60	1	Oct 1/69	1	Jul 10/78	3	May 5/70
4	BLANK	2	BLANK	2	Jul 10/81	4	Oct 1/64
				2A	Jul 10/81	5	May 5/70
55-5-7		56-0		2B	Jan 10/81	6	Apr 1/69
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2	Oct 1/65	2	BLANK	2D	Jan 10/81	8	Apr 1/65
3	Oct 1/65			2E	Jan 10/81	9	Oct 1/66
4	BLANK	56-1-1		2F	Jan 10/82	10	Apr 1/65
		1	Jan 10/76	2G	Jan 10/81	57-2-3	
55-6-1		2	Jan 10/76	2H	Jan 10/79	1	Jul 1/59
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2	BLANK	4	Jan 10/76	4	Jul 10/78		
		5	Jan 10/76	5	Jul 10/78	57-3-1	
55-6-2		6	Jan 10/76	6	Jan 10/79	1	Jul 10/78
1	Jul 1/59			6A	Jul 10/78	2	Jul 10/78
2	BLANK	56-2-1		6B	Jul 10/79	3	Jul 10/80
		1	May 5/70	7	Jul 1/59	4	Jul 10/80
55-6-3		2	Jul 1/59	8	Jul 1/59	5	Jul 10/80
1	Jul 10/74	3	Jul 1/61	9	Jul 1/59	6	BLANK
2	Jul 10/74	4	May 5/70	10	Jul 1/59		
3	Jan 5/72			11	Apr 1/63	57-3-2	
4	BLANK	56-3-1		12	Jul 1/59	1	Jul 10/78
		1	Jul 1/59	13	Oct 1/61	2	Jul 10/78
55-6-4		2	BLANK	14	Oct 1/61	2A	Jul 10/78
1	May 5/70			15	Jan 10/81	2B	Jul 10/78
2	Jul 1/59	CHAPTER 57/TAB		16	Jan 10/77	2C	Jul 10/78
		CONTENTS 57		17	Jan 10/77	2D	Jul 10/78
55-7-1		1	Jul 10/81	18	Jan 10/79	3	May 5/70
1	Oct 1/64	2	Jan 10/82	19	Jan 10/79	4	Jul 10/78
2	BLANK	3	Jul 10/76	20	Jan 10/79	4A	Jul 10/78
		4	BLANK	21	Jan 10/79	4B	Jul 10/78
				22	Jan 10/79	4C	Jul 10/78



LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
57-3-2 (Cont)		6	Jan 5/71	33	Jul 10/78	34	Jul 10/78
4D	Jul 10/78	7	Jan 5/71	34	Jul 10/78	35	Jul 10/78
5	Jul 10/76	8	Jan 5/71	35	Jul 10/78	36	Jan 10/79
6	Jan 1/61	9	Jan 5/71	36	Jul 10/81	37	Jul 10/78
7	May 5/70	10	Jan 5/71	37	Jul 10/76	38	Jul 10/78
8	Oct 1/65	11	Jul 15/73	38	Jul 10/78	39	Jul 10/78
9	May 5/70	12	Jan 5/71	39	Jul 10/78	40	Jul 10/78
10	Jul 1/61	12A	Jan 5/71	40	Jul 10/81	41	Jan 10/79
11	Jul 10/78	12B	Jan 5/71			42	Jan 10/79
12	Jul 10/78	13	Jul 10/78	57-3-4		43	Jan 10/79
13	Jul 10/78	14	Jan 10/75	1	Jul 10/78	44	Jul 10/78
14	Jul 10/78	14A	Jan 10/74	2	Jul 10/78	45	Jul 10/78
15	Jul 10/78	14B	Jul 10/81	3	Jul 10/78	46	Jul 10/78
16	Jul 10/78	15	Jul 10/81	4	Jul 10/78	47	Jul 10/78
16A	Jul 10/78	16	Jan 10/74	5	Jul 10/78	48	Jul 10/78
16B	Jul 10/78	17	Jul 5/72	6	Jul 10/78	49	Jul 10/78
16C	Jul 10/78	18	Jul 5/72	7	Jul 10/78	50	Jul 10/78
16D	Jul 10/78	18A	Jul 5/72	8	Jul 10/78	51	Jul 10/78
17	Jul 10/78	18B	Jul 5/72	9	Jul 10/78	52	Jul 10/78
18	Jul 10/78	19	Jan 5/72	10	Jul 10/78	53	Jul 10/78
18A	Jul 10/78	20	Jan 5/72	11	Jul 10/78	54	Jul 10/78
18B	Jul 10/78	20A	Jan 5/72	12	Jul 10/78	55	Jul 10/78
19	Jan 10/77	20B	Jul 15/73	13	Jan 10/79	56	Jul 10/78
20	Jan 10/77	20C	Jul 10/76	14	Jul 10/78	57	Jul 10/78
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22	Jul 10/80	21	Jan 5/72	16	Jul 10/78	59	Jul 10/78
22A	Jan 10/77	22	Jan 5/72	17	Jul 10/78	60	Jul 10/78
22B	BLANK	22A	Jan 5/72	18	Jan 10/79	61	Jul 10/78
23	Jul 10/82	22B	Jan 5/72	19	Jul 10/78	62	Jul 10/78
24	Jul 10/82	22C	Jul 15/73	20	Jul 10/78	63	Jul 10/78
25	May 5/70	22D	BLANK	21	Jul 10/78	64	Jul 10/78
26	Jan 5/70	23	Jul 10/78	22	Jul 10/78	65	Jan 20/82
27	Jan 5/72	24	Jul 10/78	23	Jan 10/79	66	Jan 20/82
28	Jan 5/72	25	Jul 10/78	24	Jul 10/78	67	Jan 20/82
		26	Jul 10/78	25	Jul 10/78	68	BLANK
57-3-3		27	Oct 1/69	26	Jul 10/78		
1	Jan 5/72	28	Jul 10/76	27	Jul 10/78	57-3-5	
2	Jul 10/78	28A	Jul 10/78	28	Jul 10/78	1	Apr 1/66
2A	Jan 10/81	28B	BLANK	29	Jul 10/78	2	Apr 1/61
2B	Jan 10/75	29	Oct 1/60	30	Jan 10/79	3	Apr 1/61
3	Jul 15/73	30	Apr 1/62	31	Jul 10/78	4	Apr 1/66
4	Jan 10/76	31	Apr 1/62	32	Jul 10/78	5	Apr 1/66
5	Jul 15/73	32	Jul 10/78	33	Jul 10/78	6	Oct 1/68



INTERCONTINENTAL
STRUCTURAL REPAIR

LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
57-3-6		11	Oct 1/64	8	Jul 15/73	2C	Jul 5/72
1	Jan 5/71	12	Oct 1/64	9	Jul 15/73	2D	Jul 5/72
2	Jul 1/60	13	Jul 15/73	10	Jan 10/74	3	Jul 5/72
3	Jul 1/60	14	Jul 15/73	10A	Jan 10/74	4	Jan 5/70
4	Jul 1/60			10B	BLANK	5	Jan 5/70
5	Jul 1/60	57-4-4		11	Jan 10/74	6	Jan 5/71
6	Jul 10/78	1	Jul 1/59	12	Jan 10/74	7	Jan 5/71
7	Jul 10/78	2	BLANK	13	Jan 10/74	8	Jan 5/70
8	Jul 10/78			14	Jul 15/73	9	Jan 10/76
9	Jul 10/78	57-4-5		15	Jan 10/74	10	Jan 10/76
10	Jul 10/78	1	Jul 10/75	16	Jul 15/73	11	Jul 10/75
		2	Jul 10/75	17	Jul 15/73	12	Jul 10/75
57-4-1		3	Jan 10/76	18	Jul 15/73	13	Jul 10/75
1	Jul 10/80	4	Jan 10/76	19	Jul 15/73	14	Jul 10/75
2	Jul 10/80	5	Jan 10/76	20	Jul 15/73	15	Jul 10/75
3	Jul 10/80	6	Jul 10/75	21	Jan 10/74	16	Jul 10/75
4	Jul 10/80	7	Jul 10/75	22	BLANK		
		8	Jul 10/78			57-6-4	
57-4-2				57-5-4		1	May 5/70
1	Jul 10/74	57-5-1		1	Oct 1/60	2	Oct 1/61
2	Jul 10/74	1	Jul 10/80	2	BLANK	3	Oct 1/61
2A	Jul 10/74	2	Jul 10/80			4	Oct 1/61
2B	Jul 10/74	3	Jul 10/80	57-6-1		5	Oct 1/61
3	Apr 1/60	4	Jul 10/80	1	Jul 10/80	6	Oct 1/61
4	Apr 1/60			2	Jul 10/80	7	Oct 1/61
5	Jan 1/60	57-5-2		3	Jul 10/80	8	May 5/70
6	May 5/70	1	Jul 5/71	4	Jul 10/80	9	May 5/70
7	Apr 1/60	2	Jul 5/71	5	Jul 10/80	10	Jan 10/74
8	May 5/70	3	Jul 5/71	6	Jul 10/80	11	Jan 10/74
9	Oct 1/60	4	Jul 5/71	7	Jul 10/80	12	Jan 10/74
10	BLANK	5	Jul 5/71	8	BLANK	13	Jan 10/74
		6	Jul 5/71			14	Jan 10/74
57-4-3		7	Jul 5/71	57-6-2		15	Jan 10/74
1	Jan 1/63	8	Jul 5/71	1	Oct 1/60	16	Jan 10/77
2	Jan 5/70			2	Oct 1/60		
3	Jan 1/63	57-5-3		3	Jul 1/61	57-7-1	
4	Jan 1/63	1	Jul 15/73	4	BLANK	1	Jul 10/80
5	Jul 15/73	2	Jul 15/73			2	Jul 10/80
6	Jan 5/70	3	Jul 15/73	57-6-3		3	Jul 10/80
7	Jan 1/63	4	Jul 15/73	1	Jan 1/62	4	BLANK
8	Jan 1/63	5	Jul 15/73	2	BLANK		
9	Jan 1/63	6	Jul 15/73	2A	Jan 5/72		
10	Jan 1/63	7	Jul 15/73	2B	Jul 5/72		



LIST OF EFFECTIVE PAGES

* Designates page and date of revised or added page
F Indicates foldout pages - printed one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE	PAGE	DATE
57-7-2							
1	Jul 1/59						
2	BLANK						
57-7-3							
1	Jan 10/74						
2	Apr 1/64						
3	Apr 1/60						
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57-7-4							
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57-8-1							
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57-8-2							
1	Jan 5/70						
2	Oct 1/69						
57-8-3							
1	Oct 1/60						
2	BLANK						
57-8-4							
1	Jan 1/60						
2	BLANK						
57-9-1							
1	Oct 1/64						
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INTERCONTINENTAL STRUCTURAL REPAIR

INTRODUCTION

This manual has been prepared in accordance with Air Transport Association Specification No. 100 to include descriptive information and specific instructions and data relative to the field repair of the structure of the Boeing 707 Intercontinental airplane. For 707-120 airplanes, see the 707 Stratoliner Structural Repair Manual, D6-1649. For 720 airplanes, see the 720 Structural Repair Manual, D6-1891.

COVERAGE

As originally issued, this manual contains: material identification for structure subject to field repair; typical repairs generally applicable to structural components of the airplane that are most likely to be damaged; information relative to material substitution, fastener installation, and airplane alignment check procedure; and a brief description of some procedures that must be performed concurrently with structural repair, such as protective treatment of the repair parts and sealing of integral fuel tanks, which are described more fully in the Boeing 707 Intercontinental Maintenance Manual.

**FAA Approved
Repair**

This symbol is used to identify repairs which have been approved by the FAA designated engineering representative at The Boeing Company. Where repairs are not included in the manual, it should not be construed that the structure concerned is nonrepairable, but that the application of a typical repair has not been found practicable. Where it is economically feasible or expedient, consider the preparation of a specific repair scheme for damage not covered by this manual.

As service experience indicates a requirement, this manual will be revised to include actual, specific repairs to both primary and secondary structure. To ensure consistent handling of these revisions, index categories have been established for all known types of repairs, although some information which falls within these categories will not be released until warranted by service experience. It is intended that in the event of major damage, the information included in this manual be supplemented as required by reference to Boeing Stress Analysis Reports and by direct liaison with the assigned Boeing Field Service Engineers.

This manual will serve as a medium through which all 707 airplane operators will be advised of actual repairs of general-interest nature designed by Boeing or designed and accomplished by any 707 airplane operator.



INTERCONTINENTAL ILLUSTRATED PARTS CATALOG

The Illustrated Parts Catalog, D6-1656, calls out structure that is considered to be replaceable during the service life of the airplane.

SUBJECT NUMBERING SYSTEM

In accordance with ATA Specification No. 100, the manual is divided into seven chapters under the following headings: Structures - General, Doors, Fuselage, Nacelles, Stabilizers, Windows and Wings. Information of general nature or information which is applicable to more than one chapter is included in Chapter 51: Structures - General.

Each chapter is divided into sections which, in turn, consist of a group of related subjects. Each subject within this manual is identified using a three-part dash number system. The first number designates the chapter to which the subject belongs and the second and third numbers designate the section and the specific subject, respectively, within the chapter.

Each page in this manual carries a subject and page number in the lower outside corner and the issue or revision date in the inside corner.

EXAMPLE:

SRM
Jul 10/74

55-3-2
Page 1

Chapter 55 - Stabilizers
Section 3 - Horizontal Stabilizer
Subject 2 - Skin Repair to Horizontal Stabilizer

Each subject starts with page 1.

REPAIR TERMINOLOGY

Repair types used in restoring damaged structure are defined in 51-13-1, par. 3.

DIMENSIONAL SYSTEM

Unless otherwise noted, dimensions are in inches.

BOEING
707



INTERCONTINENTAL
STRUCTURAL REPAIR

MANUAL USAGE FOR SPARE PARTS IDENTIFICATION

- A. The Structural Repair Manual may be used to order structural parts not readily identified from drawings or the Illustrated Parts Catalog, D6-1656.
- B. The following procedure may be used to obtain a kit of structural spare parts through the Commercial Spares Department.
 - (1) Make a copy of the page which identifies the damaged member.
 - (2) Color or shade in all damaged members or areas on the applicable pages. Structure shown only in left hand views must be marked to indicate either left or right hand. Any additional description should be included along with the illustration.
 - (3) Provide photographs.
 - (4) Indicate airplane model and serial number.
 - (5) Attach a Purchase Order to the completed data and forward to:

BOEING COMMERCIAL AIRPLANES
Spares Department
P.O. Box 3707
Seattle, Washington, USA 98124-2207

NOTE: Identification of damage and required replacement items can be further expedited by SITA, ARINC, TWX (telex), Rapifax (facsimile), or direct distance dialing (telephone). Reference the required structural parts using the chapter-section-subject and page number from the manual together with any other references on the page that will identify the part.

- C. Upon the receipt of the data and Purchase Order, the required parts will be identified and shipped as a kit. Parts shipped and not required may be returned to The Boeing Company for credit.



PROCEDURE FOR MANUAL USAGE

The following procedure is recommended for the efficient use of this manual:

- A. Check for allowable damage.
 - (1) From the Table of Contents of the manual find the chapter to which the damaged part belongs; in this example, it is Chapter 55, Stabilizers.
 - (2) Turn to the Table of Contents of the selected chapter, find subject number of Allowable Damage which is 55-2-1. Read it in conjunction with 51-13-1, General Repair Procedure to determine if the damage is allowable.
- B. Identify the damaged area. If it is found that the damage exceeds the allowable, the damaged part must be identified in order to determine the applicable repair figure.
 - (1) From Table of Contents of that chapter find subject number of identification figure that includes the damaged part; in this example, it is 55-5-3, Vertical Fin Structure Identification.
 - (2) Find the item number of the damaged part from the identification figure mentioned above which is item 14 in this example. Additional data for item 14 such as dimensions may be found in the Extrusion Tables, Section 51-3-1.
 - (3) Turn to tabulation sheets of the identification figure. Find the applicable repair figure number; in this example, it is 55-5-4, Fig. 1, Vertical Fin Interspar Rib Repair.
- C. Apply repair figure to actual damage. Turn to the pages of the repair figure mentioned above, read notes and instructions carefully, and perform the repair according to the figure. Repair figure also includes all needed references for performing repair such as fastener hole sizes, bonding techniques, sealing, etc.
- D. Use the Table of Contents at the beginning of each chapter as a numerical index to locate a specific subject within a specific section of a chapter. Read all the text material (when applicable), supporting figures and references within the specific subject. Chapter 51 lists the sections and subjects generally applicable (except when limited) to the entire airplane. Chapters 52, 53, 54, 55, 56, and 57 list such sections and subjects which are applicable respectively to those specific chapters only.
- E. The use of the Table of Contents to locate specific repairs supplements the information given above. Within every chapter except 56, any subject which contains the word "repair" lists each repair figure number and title which is applicable to the specific subject.

PROCEDURE FOR MANUAL USAGE (Continued)

- F. Members not listing specific repairs will fall into one of three categories:
- (1) Damaged part will require replacement.
 - (2) Area may be repaired in accordance with typical repair procedures listed in Section 51-14-1.
 - (3) Adequate repair can only be designed after complete damage evaluation.
- G. It is recommended that the specific skin and structure identification subjects be referred to for clarification of structural features, locations, etc., when using the structural diagrams 52-1-1 Fig. 1; 53-1-1 Fig. 1; 54-1-1 Fig. 1; 55-1-1 Fig. 1; 57-1-1 Fig. 1.
- H. References to Boeing Material Specifications, BMS (X) - (X) are contained within the manual in various chapters. See 51-1-2 for a listing of such specifications. The tabulation lists the available sources of these materials. References to Military Specifications MIL-X-XXXX within the manual are indicated only when equivalent Boeing Material Specifications are not available.

PUBLICATIONS CHANGE REQUESTS

- A. Communications concerning this publication should be directed to Boeing Commercial Airplanes, P.O. Box 3707; Seattle, Washington, USA 98124-2207; Attention: Manager, Maintenance Publications Engineering. To facilitate uniform handling and to provide direct routing of your questions to the proper Boeing organization, use of the Publication Change Request (PCR) Form is encouraged. Boeing makes this form available through your publications organization.



INTERCONTINENTAL STRUCTURAL REPAIR

B IF DAMAGE EXCEEDS THE ALLOWABLE, LOCATE DAMAGED MEMBER ON APPLICABLE STRUCTURE IDENTIFICATION AND DETERMINE REPAIR FIGURE NO.

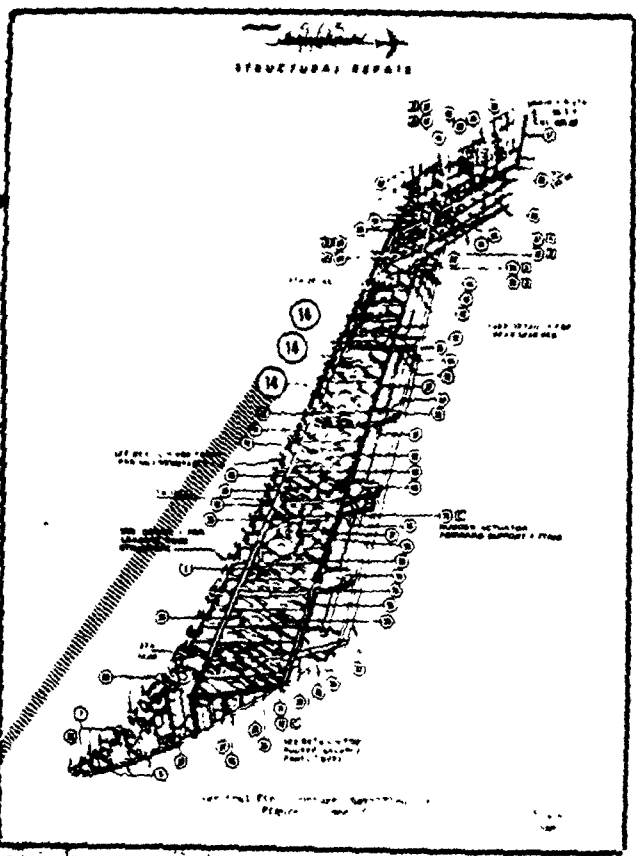
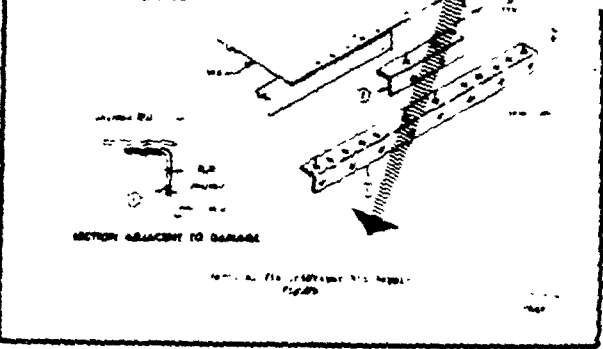


FIGURE NO.	DESCRIPTION	APPLICABLE TO	REPAIR FIGURE NO.	REPAIR FIGURE NO.	REPAIR FIGURE NO.
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REPAIR INSTRUCTIONS

1. This repair is applicable to damage to the structure of the fuselage which has exceeded the limits of an allowable repair according to 53.53, 53.57 and 53.58.
2. Before repair work the structure is checked for distortion in the repair area. The repair is made in accordance with the repair instructions.
3. After the repair work is completed the structure is checked for distortion in the repair area. The repair is made in accordance with the repair instructions.
4. After the repair work is completed the structure is checked for distortion in the repair area. The repair is made in accordance with the repair instructions.
5. After the repair work is completed the structure is checked for distortion in the repair area. The repair is made in accordance with the repair instructions.
6. After the repair work is completed the structure is checked for distortion in the repair area. The repair is made in accordance with the repair instructions.



C SELECT APPLICABLE REPAIR FROM TABLE



SERVICE BULLETINS

Service bulletins incorporated are listed below.

<u>The Boeing Company Service Bulletin No.</u>	<u>Incorporation Date</u>	<u>Location in Manual</u>
1642	Oct 1/66	57-3-3 Fig. 9
2014	Apr 1/69	57-3-3 Fig. 3
2324	Jan 5/72	53-3-3 Fig. 1
2352	Apr 1/67	57-3-3 Fig. 3
2386	May 5/70	55-4-3 Fig. 1
2406	May 5/70	51-15-7 Fig. 4
2416	Apr 1/69	53-3-3 Fig. 1
2422	Oct 1/69	53-3-1 Fig. 8 53-3-3 Fig. 6
2459	May 5/70	51-15-11 Fig. 4
2485	Oct 1/69	57-3-1 Fig. 2
2487	Oct 1/68	57-3-1 Fig. 2
2490	Jan 15/73	57-4-3 Fig. 1
2496	Jul 10/77	57-3-1 Fig. 2
2510	Jul 10/75	57-3-1 Fig. 2
2515	Jan 5/72	54-4-1 Fig. 2
2590	Jan 5/72	57-3-3 Fig. 1 57-3-3 Fig. 2
2607	May 5/70	57-3-3 Fig. 1 57-3-3 Fig. 3
2664	Oct 1/69	55-4-3 Fig. 1
2709	Jan 5/71	53-3-3 Fig. 2
2711	Jul 15/7	54-4-1 Fig. 1 & 2
2717	Jan 5/70	53-3-3 Fig. 6

BOEING
707**INTERCONTINENTAL
STRUCTURAL REPAIR**

<u>The Boeing Company Service Bulletin No.</u>	<u>Incorporation Date</u>	<u>Location in Manual</u>
2792	Jul 5/72	53-3-3 Fig. 1
2795	Jul 5/72	52-1-1 Fig. 3
2821	Jul 5/72	53-3-1 Fig. 3
2837	Jan 10/74	57-5-3 Fig. 1
2838	Jul 5/72	53-3-3 Fig. 2
2862	Jul 15/73	53-3-1 Fig. 7
2863	Jul 5/72	53-3-3 Fig. 3
2867	Jul 5/72	53-3-3 Fig. 1, 3, 5
2908	Jan 10/74	53-3-3 Fig. 3, 5
2923	Jan 10/74	53-3-1 Fig. 2, 3, 4, 6
2951	Jul 10/76	53-3-1 Fig. 1, 2, 5
2952	Jul 5/72 Jul 10/76	53-3-5 Fig. 7 53-3-1 Fig. 5, 6
2961	Jan 5/71	53-3-3 Fig. 2
2973	Jul 5/72	57-3-3 Fig. 2
2976	Jul 10/75	53-3-3 Fig. 3
2983	Jul 10/75 Jul 10/75 Jul 10/75 Jul 5/72	53-3-1 Fig. 1 53-3-2 Fig. 20 53-3-3 Fig. 1 56-1-1 Fig. 2
2999	Jul 5/72	52-1-1 Fig. 2
3001	Jan 10/74	55-3-3 Fig. 1
3005	Jan 15/73	53-3-3 Fig. 1
3007	Jan 5/72	55-6-3 Fig. 1
3010	Jan 10/74	51-3-2 Fig. 1
3017	Jan 15/73	53-3-3 Fig. 15



INTERCONTINENTAL
STRUCTURAL REPAIR

<u>The Boeing Company Service Bulletin No.</u>	<u>Incorporation Date</u>	<u>Location in Manual</u>
3024	Jul 5/72	53-3-3 Fig. 7
3055	Jan 10/75	57-3-3 Fig. 1
3066	Jul 5/72	55-5-3 Fig. 1
3067	Jul 5/72	55-3-3 Fig. 1
3077	Jan 15/73	53-3-3 Fig. 15
3083	Jan 10/75	53-3-3 Fig. 15
3098	Jan 10/74	53-3-1 Fig. 6
3108	Jan 10/74	53-3-1 Fig. 2
3124	Jan 10/74	53-3-3 Fig. 3
3169	Jul 10/75	57-6-3 Fig. 5
3173	Jan 10/81	57-3-3 Fig. 1
3211	Jul 10/76	55-3-1 Fig. 1
3214	Jul 10/76 Jul 10/76	54-3-1 Fig. 2 54-3-3 Fig. 2
3284	Jan 10/80	53-3-3 Fig. 1
3313	Jul 10/78	55-3-3 Fig. 1
3331	Jul 10/78	55-3-3 Fig. 1
3334	Jul 10/79	53-3-3 Fig. 15
3388	Jul 10/81	57-3-3 Fig. 2
3392	Jul 10/81	57-3-3 Fig. 5
3393	Jul 10/81 Jul 10/81	53-3-1 Fig. 1 33-3-1 Fig. 5



INTERCONTINENTAL
STRUCTURAL REPAIR

AIRPLANE EFFECTIVITY DESIGNATIONS

This manual contains information applicable to the Boeing 707 Intercontinental airplanes listed in the following table.

Pages that have no effectivity designation are applicable to all airplanes. Pages with effectivity designation ALL TURBOJET AIRPLANES are applicable to all airplanes with JT4 or Rolls-Royce engines (but not fan engines JT3D).

Effectivity designation which include the term "cargo" indicate airplanes with cargo/passenger capabilities.

Effectivity designations using the customer airline two-digit designator, such as "AA", indicate that the information is applicable to all airplanes of that customer, unless a limitation is indicated by airplane serial No. (e.g. 18426 thru 18450), model series (e.g. TURBOFAN) or by a specific mode series (e.g. 707-321). The two-letter airline code is the official airline code designation standard.

Effectivity designations using production cumulative line numbers (e.g. CUM LINE NO. 801 THRU 840) indicate that the information is applicable to all airplanes produced within a particular span of line numbers.

Reference to the three- and four-letter code, registry numbers and airplane serial numbers throughout the 707 manual remain; however, future airplane effectivity notes will refer to cumulative line numbers.



CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
ABC	ARAB AIR CARGO					
	-370C	09222	891		20890	4YB-CAC
ABD	PRIVATE FLIGHT DIRECTORATE (ABU DHABI)					
	-3L6B	06451	896		21049	A6-HPZ
ACT	AVIATION CONSULTANTS					
	-323C	07201	354		18689	N782U
	-336C	08073	645		19498	N14AZ
	-351C	07603	379		18748	CC-CCE
AET	AERITALIA (SOCIETA AEROSPAZIALE ITALIANA)					
	-3F5C	08329	857		20514	CS-TBT
	-382B	05827	840		20298	CS-TBG
AFX	AFRICAN EXPRESS AIRWAYS LTD.					
	-351C	07601	367		18746	5Y-AXC
AGF	ARGENTINE AIR FORCE					
	-372C	08310	721		20076	TC-93
		08312	728		20077	TC-92
	-387B	05851	528		19238	T-96
		05854	555		19241	T-95
		06461	897		21070	TC-91
	-387C	08452	755		19962	VR-21
AGZ	AGES, INC.					
	-337B	05701	375		18708	VT-DPM
		05702	402		18873	VT-DSI
		05703	520		19247	VT-DVA
AHK	AHK AIR HONG KONG LTD.					
	-336C	08077	854		20517	VR-HKK
ALY	ALYEMDA DEM. YEMEN AIRLINES					
	-336C	08075	838		20374	70-ACO

BOEING
707



INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
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ALY ALYEMDA DEM. YEMEN AIRLINES (CONTINUED)

-369C	08475	861	20547	70-ACS
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ANG ANGOLA AIRLINES

-347C	08401	723	19963	D2-TOL
	08403	734	19965	D2-TOM
-349C	07681	445	18975	D2-TOI
	07684	553	19355	D2-TOJ
-351C	07608	453	18964	D2-TOU
-373C	07102	346	18583	D2-TOG
-382B	05825	803	20136	D2-TOP

ANO ANGLO CARGO AIRLINES

-338C	07810	630	19296	G-BDEA
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ARG AEROLINEAS ARGENTINAS

-387B	05852	542	19239	CX-BNU
	05853	543	19240	LV-ISC

ASK INDEPENDENT AIR, INC.

-331B	05125	674	19570	N7232X
	05127	687	19572	N7231T

ASY AIR SEYCHELLES LTD.

-324C	07079	700	19869	S7-2HM
	07081	711	19871	S7-4HM

ATS ATASCO USA, INC.

-321B	05005	292	18339	N764SE
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AVI AVIANCA

-321B	05026	592	19276	HK-2016
	05029	618	19361	HK-2015
-359B	05891	681	19741	HK-1402
	05892	842	20340	HK-1410

BOEING**707**
 INTERCONTINENTAL
 STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
AVR AVIATION RESEARCH CENTRE						
	-337C	07701	549		19248	K2900
		07702	736		19988	K2899
BEJ CAAC-BEIJING REGION						
	-3J6B	06401	869		20714	B2402
		06402	870		20715	B2404
		06403	880		20716	B2406
		06404	882		20717	B2408
	-3J6C	09001	872		20718	B2410
		09002	873		20719	B2412
		09003	874		20720	B2414
		09004	875		20721	B2416
		09005	877		20722	B2418
		09006	879		20723	B2420
BNG BANGLADESH BIMAN						
	-351C	07606	440		18921	S2-ACF
		07618	566		19434	S2-ACA
		07625	732		19776	S2-ACE
BO2 BMAC E-3A FLT. CREW TRAINING						
	-331C	07403	378		18713	N131EA
		07455	717		19566	N132EA
BUF BUFFALO AIRWAYS, INC.						
	-323C	07260	668		19585	N8405
	-351C	07620	634		19631	N2215Y
CHA CHALLENGE AIR CARGO						
	-323C	07257	639		19582	N8402
	-330C	08055	806		20124	N707HE
CHL CHILEAN AIR FORCE						
	-330B	05305	446		18926	CAF 903
	-351C	07619	611		19443	CAF 902

BOEING
707INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
CLB	COLOMBIAN AIRFORCE					
	-373C	07109	644		19716	FAC1201
COA	COASTAL AIRWAYS AG					
	-436	04218	334		18413	N4465C
CRB	CARIBBEAN AIR CARGO CHARTER LTD					
	-351C	07617	563		19412	8P-CAC
		07621	649		19632	8P-CAD
DAW	DUBAI AIR WING					
	-3L6C	09251	900		21096	A6-HRM
DND	CANADIAN DEPT OF DEFENSE					
	-347C	08406	824		20315	13701
		08407	825		20316	13702
		08408	826		20317	13703
		08409	829		20318	13704
		08410	833		20319	13705
DOM	DOMINICANA AIRLINES					
	-399C	08192	659		19767	HI-442
ECU	ECUATORIANA AIRLINES					
	-321B	05023	529		19265	HC-BCT
		05027	603		19277	HC-BFC
		05059	797		20033	HC-BHY
	-321C	07045	580		19273	HC-BGP
EGG	GOVERNMENT OF EGYPT					
	-366C	08209	888		20919	SU-AXJ
EGP	EGYPTAIR					
	-366C	08201	744		19844	SU-AOU
		08203	834		20341	SU-APD
		08205	865		20760	SU-AVX



CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
EGP EGYPTAIR						(CONTINUED)
		08206	867		20761	SU-AVY
		08207	868		20762	SU-AVZ
		08210	893		20920	SU-AXK
ELA EL AL ISRAEL AIRLINES, LTD.						
	-331B	05120	496		18985	4X-ATD
	-358B	05831	459		19004	4X-ATR
		05832	551		19502	4X-ATS
		05833	779		20097	4X-ATT
	-358C	08581	807		20122	4X-ATX
		08582	835		20301	4X-ATY
ETH ETHIOPIAN AIRLINES, CORP.						
	-327C	08129	646		19531	ET-AIV
	-379C	08307	709		19820	ET-ACQ
FAC FASTAIR CARRIER						
	-331C	07454	629		19435	CC-CAF
FAL FALCON AIRCRAFT CONVERSIONS						
	-321B	05048	774		20022	N730Q
		05051	780		20025	N728Q
		05054	783		20028	VR-CBN
		05055	790		20029	N729Q
		05058	793		20032	N895SY
		05060	798		20034	N732Q
	-323B	05965	808		20174	N145SP
	-351B	05603	345		18586	N651F
GAS GAS AIR						
	-321C	07012	386		18825	5X-DAR
		07052	655		19372	5N-AWO
	-338C	07802	407		18809	5N-ARQ
	-351C	07612	508		19168	5N-AYJ
GEC GENERAL ELECTRIC CORP.						
	-321	02017	122		17608	N37681



CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
GMS GRUMMAN MELBOURNE SYSTEMS DIVISION						
	-323C	07265	710		19574	N780JS
	-338C	07817	703		19626	N770JS
GRF GERMAN REPUBLIC						
	-307C	08221	747		19997	10-01
		08222	750		19998	10-02
		08223	756		19999	10-03
		08224	759		20000	10-04
IAF IRAN ISLAMIC AIR FORCE						
	-3J9C	09101	876		20830	5-8301
		09102	881		20831	5-8302
		09103	886		20832	5-8303
		09104	890		20833	5-8304
		09105	894		20834	5-8305
		09106	895		20835	5-8306
		09107	908		21123	5-8307
		09161	910		21124	5-8308
		09162	912		21125	5-8309
		09163	914		21126	5-8310
		09164	915		21127	5-8311
		09165	917		21128	5-8312
		09166	918		21129	5-8313
		09167	936		21475	5-8314
IAI ISRAEL AIRCRAFT						
	-3H7C	08021	863		20629	4X-BYR
IAL INTERNATIONAL AIR LEASES						
	-321C	07005	364		18715	TC-JCC
		07043	574		19271	TC-JCF
IDO INDONESIAN AIR FORCE						
	-3M1C	09227	899		21092	A-7002
IRL GOVERNMENT OF ISRAEL						
	-328	02103	82		17615	4X-JYV

BOEING
707



INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
IRL	GOVERNMENT OF ISRAEL					(CONTINUED)
		02105	110		17617	4X-JYW
		02107	126		17619	4X-JYN
		02114	160		17921	4X-JY
		02115	161		17922	4X-JYX
		02119	269		18246	4X-JYK
	-329	02203	99		17625	4X-JYT
		02206	283		18374	4X-JYL
		02207	328		18460	4X-JYM
	-331C	07406	845		20428	4X-JYY
		07407	846		20429	4X-JY.
	-344C	08243	819		20230	4X-JYS
		08251	800		20110	4X-JYQ
IRN	IRAN ISLAMIC REPUBLIC AIRLINE					
	-321B	05019	475		18958	EP-IRJ
	-321C	07016	541		19267	EP-IRK
	-386C	08551	832		20287	EP-IRL
		08552	839		20288	EP-IRM
		08553	866		20741	EP-IRN
		09438	928		21396	EP-HIM
IRQ	IRAQI AIRWAYS					
	-370C	09221	889		20889	YI-AGE
		09223	892		20891	YI-AGG
JTC	JET CARGO, INC.					
	-309C	08501	827		20261	EL-ZGS
	-321B	05040	684		19695	N808ZS
KAL	KOREAN AIR LINES, INC.					
	-321B	05034	633		19366	HL-7435
	-321C	07049	648		19369	HL-7431
KAT	KATALE AERO TRANSPORT					
	-329C	07902	480		19162	9Q-CVG

BOEING
707



INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
KEN	KENYA AIRWAYS					
	-351B	05631	690		19633	5Y-BBJ
		05632	695		19634	5Y-BBI
		05635	742		19872	5Y-BBK
KWY	KEYWAY AIR TRANSPORT, INC.					
	-355C	08172	582		19417	N525EJ
LAA	LIBYAN ARAB					
	-3L5C	09411	911		21228	5A-DAK
	-338C	07819	716		19628	TF-IUD
	-351C	07604	425		18888	5A-DJT
LAB	LLOYD AERO BOLIVIANO					
	-323C	07204	358		18692	CP-1365
		07261	670		19586	CP-1698
LAN	LAN-CHILE S.A.					
	-321B	05035	658		19374	CC-CEK
		05047	769		20021	CC-CEI
	-385C	07661	447		19000	CC-CEB
LAP	LINEAS AEREAS PARAGUAYAS					
	-321B	05015	419		18841	ZP-CCE
		05018	472		18957	ZP-CCF
		05022	527		19264	ZP-CCG
LDE	LADECO					
	-351C	07614	515		19210	N152LM
LES	LESOTHO AIRWAYS					
	-323C	07253	614		19517	7P-LAN
LOW	LOWA, LTD.					
	-330B	05307	457		18928	N88ZL



INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
MEA MIDDLE EAST AIRLINES S.A.						
	-3B4C	08317	822		20259	OD-AFD
		08318	823		20260	OD-AFE
	-323C	07252	612		19516	OD-AHE
		07264	701		19589	OD-AHC
	-347C	08404	743		19966	OD-AGU
		08405	745		19967	OD-AGV
MEL MIDDLE EAST LEASING CORPORATION						
	-323B	05970	821		20179	5Y-BFF
MLL INTERFRET						
	-344	02303	155		17930	9Q-CZF
MOA MISR OVERSEAS AIRLINES						
	-323C	07269	724		20087	SU-FAC
	-351C	07624	729		19775	SU-EAA
MRC ROYAL MOROCCAN AIR FORCE						
	-3W6C	09441	941		21956	CN-ANR
NAT NORTH ATLANTIC TREATY ORGANIZATION(NATO)						
	-329C	07904	748		19996	LX-N19996
		07905	813		20198	LX-N20198
		07906	816		20199	N3238S
NAV NAVAERO AVIATION CORPORATION						
	-321B	05009	408		18835	N404PA
NIA NIGERIA AIRWAYS, LTD.						
	-3F9C	08319	843		20474	5N-ABJ
		08333	864		20669	5N-ABK
		09271	929		21428	5N-ANO
NMB NMB SINGAPORE LTD.						
	-355C	08313	730		19986	N707MB

BOEING
707



INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
NNG NAGANAGANI						
	-321B	05011	411		18837	XT-ABZ
	-336C	08072	452		18925	XT-ABX
NTC NORVALLE TRADING CO.						
	-321B	05006	403		18832	VN-B1416
	-379C	08309	718		19821	VN-B3415
OKD OKADA AIR						
	-355C	08301	643		19664	5N-AOQ
	-365C	08173	654		19590	5N-A00
OLY OLYMPIC AIRWAYS						
	-351C	07610	494		19163	SX-DBP
		07611	505		19164	SX-DBO
	-384B	05941	770		20035	SX-DBE
		05942	778		20036	SX-DBF
	-384C	08103	504		18950	SX-DBC
		08104	715		19760	SX-DBD
OMG OMEGA AIR						
	-323C	07255	619		19519	N5065T
	-344B	05801	441		18891	3B-NAE
		05802	538		19133	TF-IUC
PAI FLORIDA WEST AIRLINES						
	-321C	07058	753		20017	N710FW
	-331C	07401	370		18711	N700FW
		07451	588		19212	N227VV
	-351C	07616	540		19411	N740FW
PAV PAN AVIATION						
	-321C	07050	651		19370	N720GS
		07053	656		19373	N722GS
		07055	666		19377	N721GS



INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
PIA PAKISTAN INTERNATIONAL AIRLINES CORP.						
	-323C	07267	719		19576	AP-BBK
	-340C	08143	625		19286	AP-AXA
		08144	738		19866	AP-AWY
		08325	849		20488	AP-AXG
	-351B	05633	706		19635	AP-BAA
		05634	731		19636	AP-AZW
	-373C	07104	450		18991	AP-AWU
POC SKYWORLD AIRLINES, INC.						
	-321B	05013	417		18839	N454PC
	-323B	05961	795		20170	N708PC
		05963	804		20172	N711PC
		05966	811		20175	N709PC
		05967	817		20176	N712PC
		05968	818		20177	N706PC
		05969	820		20178	N457PC
	-323C	07262	686		19587	N705PC
PRF PERUVIAN AIR FORCE						
	-323C	07266	714		19575	HP-1028
QAT QATAR						
	-3P1C	09421	923		21334	A7-AAA
	-336C	08076	841		20375	A7-AAC
RAA ROYAL AUSTRALIAN AIR FORCE						
	-338C	07814	671		19623	A20-623
		07815	689		19624	A20-624
		07818	707		19627	A20-627
		07820	737		19629	A20-629
	-368C	09286	905		21103	HZ-ACG
		09288	919		21261	A20-261
RAC RACE AVIATION CORPORATION						
	-321C	07006	365		18716	J6-SLR
	-331C	07458	815		20069	CC-CUE

BOEING
707INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
RAM	ROYAL AIR MAROC					
	-351C	07622	705		19773	CN-RMB
		07623	708		19774	CN-RMC
RDC	RDC MARINE					
	-441	04301	114		17905	N59RD
		04303	353		18694	N58RD
REB	REPUBLIQUE POPULAIRE DU BENIN					
	-321	02019	212		18084	TY-BBW
REF	REFLECTONE TRAINING SYSTEMS					
	-382B	05821	456		18961	N45RT
		05822	501		18962	N46RT
RJA	ROYAL JORDANIAN AIRLINE					
	-3D3C	08327	852		20495	JY-ADP
	-384C	08101	495		18948	JY-AJK
		08102	497		18949	JY-AEC
RWD	AIR RWANDA					
	-328C	08002	560		19292	9XR-JA
SAB	SABENA BELGIAN WORLD AIRLINES					
	-373C	07107	609		19442	00-SBU
SAE	SAETA OF ECUADOR					
	-373C	07191	350		18709	HC-BLY
SAF	SPANISH AIR FORCE DATA SUPPORT					
	-331B	05131	773		20060	T.17-1
	-331C	07405	387		18757	N792TW
SAK	SCIBE-AIRLIFT KINSHASA					
	-321B	05024	531		19266	9Q-CBL



INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
SAK	SCIBE-AIRLIFT KINSHASA					(CONTINUED)
	-329C	07907	828		20200	9Q-CBS
SFA	SAFAIR FREIGHTERS (PTY) LTD.					
	-323C	07268	722		19577	ZS-LSH
	-344C	08242	691		19706	3D-ASC
		08244	831		20283	ZS-LSF
SHA	SHANGHAI AIRLINES, P.R.C.					
	-324C	07077	576		19352	B-2423
		07078	587		19353	B-2422
	-327C	08128	635		19530	B-2424
	-338C	07808	550		19294	B-2426
	-347C	08402	733		19964	B-2425
SOM	SOMALI AIRLINES					
	-330B	05311	545		19315	60-SBS
		05312	547		19316	60-SBT
SRC	SRAC (S. R. ACQUISITION CORP.)					
	-327C	08127	632		19529	N707AD
SRF	SAUDI ROYAL FLEET					
	-368C	09281	903		21081	HZ-HM2
		09290	925		21368	HZ-HM3
STT	SOUTHERN AIR TRANSPORT, INC.					
	-311C	08306	698		19789	N524SJ
	-321C	07010	372		18766	N865BX
		07042	572		19270	N863BX
		07054	662		19375	N864BX
		07057	752		20016	N527SJ
	-323C	07259	663		19584	N8404
	-338C	07807	546		19293	N861BX
		07812	652		19621	N526SJ
		07816	693		19625	N862BX
	-369C	08471	758		20084	N525SJ
		08472	760		20085	N528SJ

BOEING
707INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
STT	SOUTHERN AIR TRANSPORT, INC.					(CONTINUED)
		08474	860		20546	N523SJ
	-399C	08191	601		19415	N106BV
SUD	SUDAN					
	-3J8C	09231	885		20897	ST-AFA
		09232	887		20898	ST-AFB
	-330B	05310	482		18931	ST-NSR
	-330C	08054	788		20123	ST-AKW
	-368C	09287	906		21104	ST-DRS
	-369C	08473	764		20086	ST-AIX
TAP	T A PORTUGUESES					
	-3F5C	08330	859		20515	CS-TBU
	-373C	07105	500		19179	CS-TBJ
	-382B	05823	676		19740	CS-TBC
TAR	TAR AIRLINES					
	-338C	07811	636		19297	LV-MZE
TAU	TRANSCORP AUSTRALIA LTD.					
	-330C	08051	451		18937	VR-HTC
TBC	BOEING					
	-368C	08302	657		19809	HZ-ACC
		09289	922		21367	N7667B
TBL	TRANSBRASIL AIRLINES INC.					
	-323C	07270	727		20088	PT-TCN
	-330C	08053	557		19317	PT-TCM
	-349C	07683	503		19354	N324F
	-365C	08171	556		19416	PT-TCP
TEA	TRANS EUROPEAN AIRWAYS					
	-328B	05208	536		19291	00-TYC

BOEING
707



INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
TMA TRANS MEDITERRANEAN AIRWAYS						
	-321C	07041	570		19269	OD-AGO
		07046	594		19274	OD-AGP
	-323C	07206	437		18939	OD-AGD
	-327C	08121	498		19104	OD-AGX
		08122	499		19105	OD-AGY
		08125	511		19108	OD-AFY
	-331C	07453	626		19214	OD-AGS
TMP TAMPA AIRLINES/COLOMBIA						
	-321C	07004	362		18714	HK-3333
		07007	366		18717	HK-3232X
	-324C	07071	430		18886	HK-2600X
	-338C	07801	404		18808	HK-3030X
TOG REPUBLIC OF TOGO						
	-312B	05923	765		19739	5V-TAG
TRM TAROM ROMANIA						
	-3K1C	09201	878		20803	YR-ABA
		09202	883		20804	YR-ABB
		09203	884		20805	YR-ABC
		09204	938		21651	YR-ABD
	-321C	07044	578		19272	YR-ABM
		07056	677		19379	YR-ABN
TRT TRATCO LEASING						
	-328C	08004	596		19522	F-BLCH
		08005	665		19723	F-BLCI
		08008	763		19917	F-BLCL
TRW TRADEWINDS AIRWAYS						
	-321C	07008	368		18718	G-BNGH
UAA JAMAHIRIYA AIR TRANSPORT						
	-321B	05037	672		19378	5A-DJM
	-348C	07502	413		18880	5A-DIX
		07503	488		19001	5A-DIY

BOEING
707



INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
UAA	JAMAHIRIYA AIR TRANSPORT					(CONTINUED)
	-351C	07605	428		18889	5A-DJT
UAS	UNITED AIR SERVICE					
	-351C	07607	444		18922	5N-ASY
UGA	UGANDA AIRLINES					
	-351C	07602	369		18747	5X-UAC
VAR	VARIG AIRLINES					
	-323C	07207	439		18940	PP-VLP
	-324C	07073	513		19177	PP-VLN
		07075	537		19350	PP-VLO
	-341C	08152	532		19321	PP-VJS
	-385C	07662	534		19433	PP-VLI
WST	WEDGE AVIATION, INC					
	-321B	05004	287		18338	HZ-TA5
ZAA	ZAS AIRLINES					
	-328C	08003	584		19521	ST-AKR
		08007	762		19916	SU-DAA
	-336C	08074	735		19843	SU-DAC
	-338C	07813	660		19622	SU-DAE
ZAM	ZAMBIA AIRWAYS					
	-321C	07047	637		19367	9J-AEQ
	-338C	07809	617		19295	9J-AEL
	-349C	07682	449		18976	9J-ADY
	-351C	07615	516		19263	9J-AEB
ZAR	REPUBLIC OF ZAIRE					
	-382B	05824	751		19969	9T-MSS



INTERCONTINENTAL
STRUCTURAL REPAIR

CURR OPER	MODEL- SERIES	VARIABLE NO.	LINE NO.	OMNI NO.	MANUF S/N	REGSTY NO.
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ZMB AIR ZIMBABWE

-330B	05303	398	18819	Z-WKR
	05304	435	18923	Z-WKS
	05306	454	18927	Z-WKV
	05308	461	18929	Z-WKT
	05309	464	18930	Z-WKU



STRUCTURAL REPAIR

BOEING 707 INTERCONTINENTAL

STRUCTURAL REPAIR MANUAL

TABLE OF CONTENTS

<u>SUBJECT</u>	<u>CHAPTER NO.</u>
INTRODUCTION	
STRUCTURES - GENERAL	51
DOORS.	52
FUSELAGE	53
NACELLES	54
STABILIZERS.	55
WINDOWS.	56
WINGS.	57