TO: ALL HOLDERS OF BRAKE PEDAL BUS ASSEMBLY OVERHAUL MANUAL, 32-47-01

REVISION NO. 4, DATED MAR 1/03

HIGHLIGHTS

DESCRIPTION OF CHANGE	TOPICS AFFECTED												
	D&O	D/Assy	Cleaning	Insp/Chk	Repair	Assy	F/C	Test	T/Shooting	S/Tools	Storage	IPL	L/Overhaul
Added bus assembly 65-46375-502 to title page													

BRAKE PEDAL BUS ASSEMBLY

32-47-01

BOEING P/N 65-46375-3, -4, -12 thru -17, -19 thru -22, -502 thru -506

AIRLINE P/N

THE FOLLOWING DIRECTIVES APPLY TO THIS SUBJECT:

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVES	DATE DIRECTIVE INCORPORATED INTO TEXT
		PRR 34475-2	Sep 5/89

LIST OF EFFECTIVE PAGES

* Indicates pages revised, added or deleted in latest revision
F Indicates foldout pages - print one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE
32-47-01					
* T-1	Mar 1/03				
T-2	BLANK				
* LEP-1	Mar 1/03				
LEP-2	BLANK				
T/C-1	Mar 1/96				
T/C-2	BLANK				
1	Mar 1/96				
2	Mar 1/96				
101	Mar 1/96				
102	BLANK				
301	Mar 1/96				
302	BLANK				
401	Mar 1/96				
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403	Mar 1/96				
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501	Mar 1/96				
502	BLANK				
1101	Mar 1/96				
1102	Mar 1/96				
1103	Mar 1/96				
1104	Mar 1/96				
1105	Mar 1/96				
1106	Mar 1/96				
1107	Mar 1/96				
1108	BLANK				

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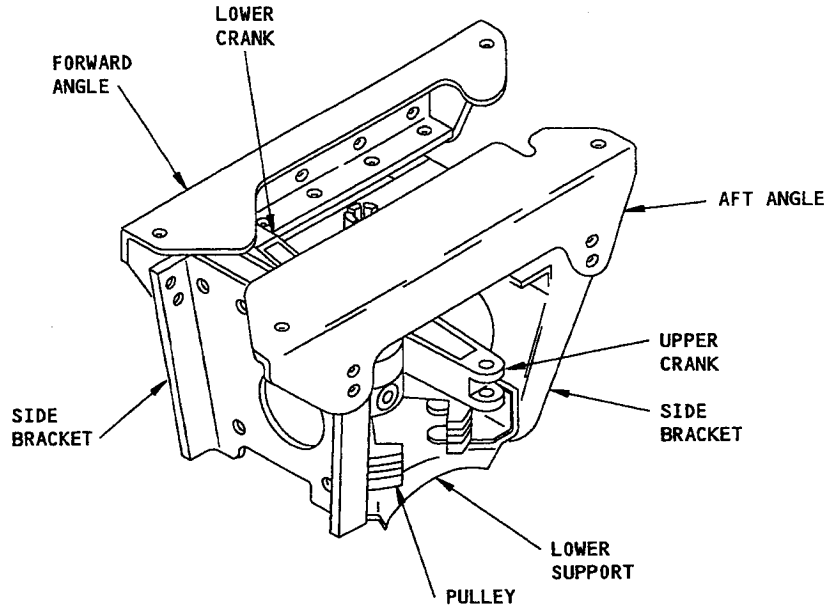
*[1] Special instructions are not necessary. Use standard industry practices and the instructions in SOPM 20-30-01 and 20-30-03.

*[2] Special instructions are not necessary. Use standard industry practices and the instructions in SOPM 20-44-02 and 20-70-01.

BRAKE PEDAL BUS ASSEMBLY



Brake Pedal Bus Assembly
Figure 1

DESCRIPTION AND OPERATION

1. The brake pedal bus assembly, part of the landing brake control system, has two cranks and a pulley on a common shaft, which is supported by bearings in a bracket.

2. Movement of the left or the right brake pedal turns the cranks which move control cables to operate a brake metering valve. The brake pedal bus also makes the captain's and first officer's brake pedals send the same inputs to the brakes through control linkages.

3. Leading Particulars (approximate)

   Length -- 11 inches
   Width -- 10 inches
   Height -- 8 inches
   Weight -- 5 pounds

DISASSEMBLY

NOTE: Refer to Fig. 1101 for item numbers.

1. Remove cotter pins (1), nuts (2) and washers (3).
2. From bracket assembly (4), remove bolts (5, 6) lower support (7), retainer assembly (11), and angles (19, 20). Do not disassemble bracket assembly (4) more unless necessary for repair or replacement.
3. Remove shaft (54), with all attached parts, from bracket assembly (4).
4. Remove crank assembly (47) from shaft (54).
5. Remove bearing (45) and spacer (46) from crank assembly (47). Do not remove bearing (48) from bellcrank (49) of crank assembly (47) unless replacement is necessary.
6. From crank assembly (50), remove nuts (51), washers (52) and bolts (53). Pull out outer and inner shafts (54, 55), pulley (56) and cranks (57, 58).
7. Do not remove bearing (12) from retainer (13), or bearing (45) from plate (43), unless necessary for repair or replacement.

1. Examine all parts for defects with standard industry practices.

2. Penetrant examine lower support (7), retainer (13), upper plate (43), and bellcrank (49) per SOPM 20-20-02.

REPAIR

1. Materials

   A. Solvent -- Methyl ethyl ketone, TT-M-261 (Ref 20-60-01)

   B. Adhesive -- Type 40 or 38 (BMS 5-14) (Ref 20-50-12)

   C. Primer -- BMS 10-11, Type 1 (Ref 20-60-02)

   D. Enamel -- BMS 10-11, Type 2 (Ref 20-60-02)

   E. Sealant -- BMS 5-95 (Ref 20-60-04)

2. Repair

   A. Remove corrosion and small defects with standard industry practices.

3. Refinish -- See Fig. 401

   NOTE: Refer to SOPM 20-30-02 for stripping of protective finishes and to SOPM 20-41-01 for explanation of F and SRF finish codes.

4. Replacement (Fig. 1101)

   A. Replace all parts found unserviceable or damaged beyond easy repair.

   B. Replace all cotter pins (1) at each overhaul.

   C. Lower support (7) -- Remove rivets (8), nutplates (9), retainer assembly (11), and angles (19, 20) per steps 4.D. through 4.F. below, and defective lower support (7). Get a replacement lower support and install items (8 thru 20) on it.

   D. Nutplates (9) -- Drill out rivets (8), remove defective nutplate, and install a replacement nutplate with new rivets (8).

   E. Retainer assembly (11)

      (1) Bearing (12) -- Press out old bearing (12) from retainer (13). Install replacement bearing with wet BMS 10-11, type 1 primer. Roller swage per SOPM 20-50-03.

         NOTE: Bearing (12) can be removed without removal of retainer (13) from lower support (7).

      (2) Retainer (13) -- Drill out rivets (10) and remove retainer assembly (11). Install a replacement bearing (12) in retainer (13) per step (1) above. Then install this retainer assembly (11) on lower support (7) with new rivets (10).

F. Angle (19 or 20)

(1) Remove nut (14), washer (15), spacer (16) and bolt (17), if applicable.

(2) Drill out rivets (8, 18) and remove defective angle (19 or 20).

(3) Install new angle (19 or 20) and install with new rivets (18). Install bolt (17), spacer (16), washer (15) and nut (14) in angle (19).

NOTE: Items (14 thru 17) are used to fasten angle (19) only. Remove only the fasteners for each individual angle as necessary.

(4) Install nutplates (9) with rivets (8).

G. Side bracket (23) -- Drill out rivets (21, 22), remove defective side bracket, and install a replacement with new rivets (21, 22).

H. Filler (28 or 29), or side bracket (30)

(1) Remove nutplates (9) attached to side bracket (30), and carefully drill out rivets (27) and defective filler. Install replacement filler (28 or 29) with new rivets (27). Install nutplates (9) with new rivets (8).

NOTE: Filler (28 or 29) can be removed without removal of side bracket (30) from bracket assembly (4).

(2) Side bracket (30) -- Drill out rivets (24, 25) and side bracket assembly (26). Remove fillers (28, 29) from defective side bracket (30) per step (1) above. Install fillers (28, 29) and nutplates (9) on the replacement side bracket (30). Then install the side bracket assembly (26).

I. Angle (32 or 34) -- Drill out rivets (21, 24, and 31 or 33) defective angle (32 or 34). Install replacement angle (32 or 34) with new rivets (31 or 33, 21, 22).

J. Radius filler (35, 35A, 35B) -- Remove the defective radius filler with a sharp-edged knife. Bond a replacement radius filler with Type 40 or 38 adhesive per SOPM 20-50-12.

K. Angle (37, 39, or 41) -- Drill out the applicable rivets (22, 25, 36, 38, 40) and remove the defective angle. Install a replacement angle with new rivets.

L. Upper plate (43) -- Drill out rivets (42) and remove defective upper plate (43). Install replacement upper plate with new rivets.

M. Upper support (44) -- Remove angle (32), rivets (36, 38, 40), and plate (43) and defective upper support (44). Install a replacement upper support (44) with new rivets (36, 38, 40). Install angle (32) and plate (43).

N. Bearing (45) in plate (43) -- Press out old bearing (45) and install a replacement per SOPM 20-50-03.

O. Bearing (48) -- Remove the old bearing from bellcrank (49). Install a replacement bearing with wet sealant BMS 5-95 and roller swage it per SOPM 20-50-03.

FIG. 1101 ITEM NO.	PART NUMBER LIMITS	MATERIAL				PLATING/CHEMICAL TREATMENT							PRIMER/ ENAMEL TOPCOAT		NOTES
		AL ALLOY	4340M STEEL 275-300 KSI	4340M STEEL 150-170 KSI	15-5PH CRES 180-200 KSI	ANODIZE, PRIMER SRF-2.19	ANODIZE F-2.26	CHEMICAL TREAT, PRIMER SRF-2.31	ANODIZE F-17.02	ANODIZE, PRIMER F-18.04	ANODIZE, PRIMER F-18.05	ANODIZE, PRIMER F-18.06	APPLY PRIMER ALL OVER BMS 10-11, TYPE 1 (SRF-12.205 OR F-20.02)	APPLY ENAMEL ALL OVER BMS 10-11, TYPE 2 (F-21.03)	
7		X										X		X	
13		X				X									1 IN HOLE FOR BEARING
19	69-52823-3,-4	X										X			
19	69-52823-7,-8	X										X		X	
20	69-52823-1,-2,-501,-502	X										X			
20	69-52823-5,-6	X										X		X	
23	69-38242-3,-4	X										X			
23	69-38242-7,-8	X										X		X	
28		X									X				
29		X									X				
30	69-38245-7,-8	X						X							
30	69-78687-1,-2	X										X		X	
32	69-38240-1,-2,-502	X						X							
32	69-38240-3 THRU -6	X										X		X	
34	69-38241-1,-2	X						X							
34	69-38241-3 THRU -6	X										X		X	
35,35A,35B		X									X				
37	69-38244-1	X										X			
37	69-38244-4	X										X		X	
39	69-38244-2	X										X			
39	69-38244-5	X										X		X	
41	69-38244-3	X										X			
41	69-38244-6	X										X		X	
44	69-38243-1,-2	X										X			
44	69-38243-3,-4	X									X				
49	65-46389-5,-8	X					X						X		1 ON BEARING BORES OR IN HOLES
49	65-46389-502,-504	X							X				X		1 ON BEARING BORES OR IN HOLES
54,55									X						
56,57										X					1 IN HOLE ID
58									X				X		1 IN HOLES OR BORE

Refinish Details
Figure 401

F51713

ASSEMBLY

1. Materials

   NOTE: Equivalent substitutes can be used.

   A. Primer -- BMS 10-11, Type 1 (Ref 20-60-02)

2. Assembly (Fig. 1101)

   A. Crank assembly (50)

      (1) Apply BMS 10-11, type 1, primer to faying surfaces of lower crank (58), crank (57), pulley (56), and outer shaft (54), and slip lower crank (58), crank (57), and pulley (56) in that order over outer shaft (54) while the primer is wet. Put the lower crank (58) approximately at the center of the shaft.

      (2) Apply BMS 10-11, type 1, primer to faying surfaces of outer and inner shaft (54, 55), and put inner shaft (55) into outer shaft (54) while the primer is wet.

      (3) Align cotter pin and bolt holes through cranks (57, 58), pulley (56), and outer and inner shafts (54, 55).

      (4) Install bolts (53), washers (52) and nuts (51). Do not tighten nuts (51) at this time.

   B. Put crank assembly (47) and spacer (46) on shaft of crank assembly (50).

   C. Install bearing in crank assembly (47).

   D. Install this unit into bracket assembly (4).

   E. Install lower support (7), together with retainer assembly (11) and angles (19, 20), and install bolts (5, 6).

   F. Install washers (3) and nuts (2). Tighten nuts (2) to 50-300 pound-inches. Install cotter pin (1).

   G. Tighten nuts (51) on crank assembly (50) to standard torque.

3. Assembly Check (Fig. 1101)

   A. Manually turn crank assembly (47) around the shaft of crank assembly (50) through the full travel. Parts must move freely and smoothly.

   B. Hold bracket assembly (4) and crank assembly (47) stopped and manually turn rotate crank assembly (50) through the full travel. Parts must move freely and smoothly.

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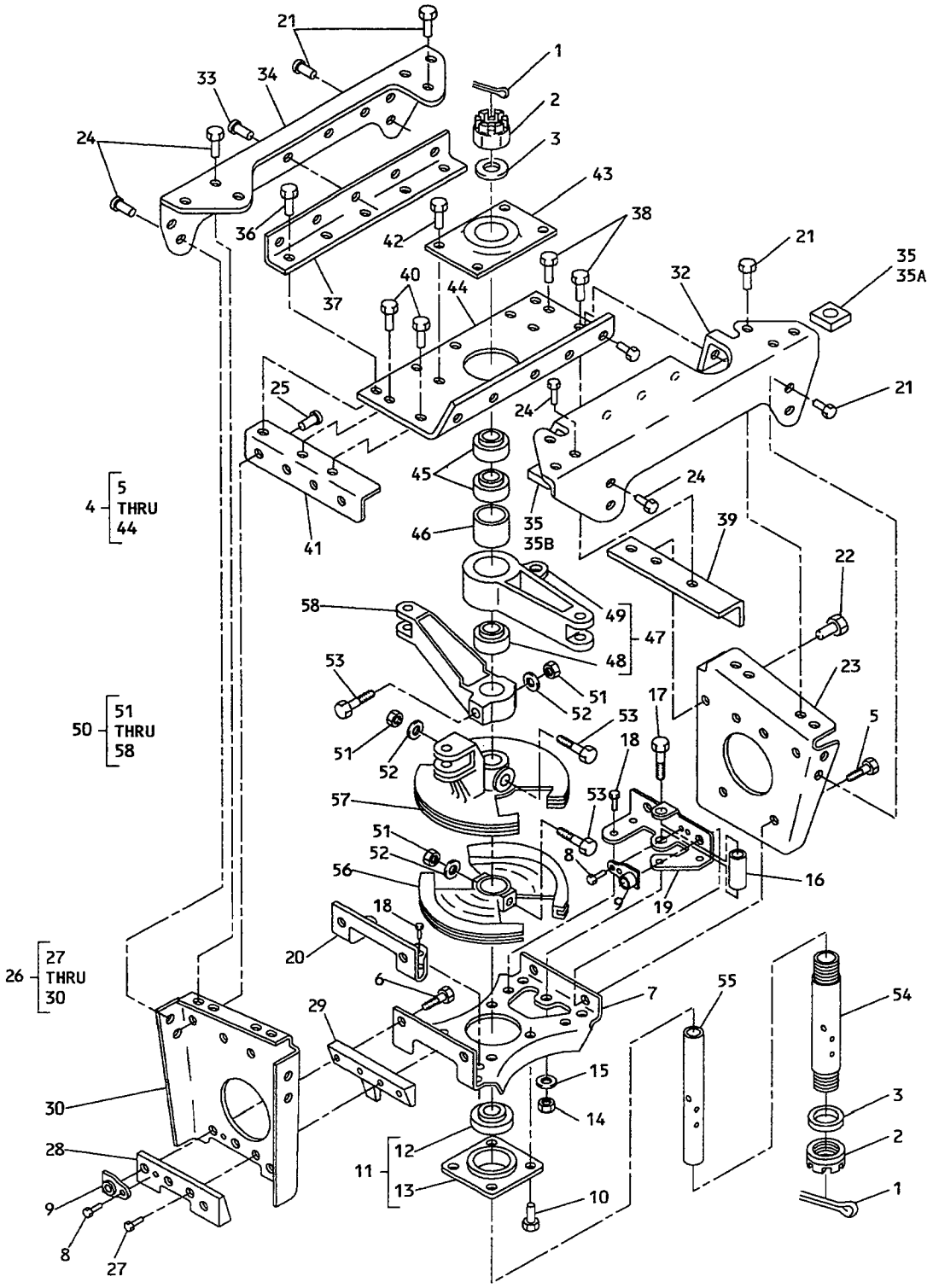

Brake Pedal Bus Assembly
Figure 1101

F51991

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
	65-46375-3		BUS ASSY, BRAKE PEDAL	A	RF
	65-46375-4		BUS ASSY, BRAKE PEDAL	B	RF
	65-46375-12		BUS ASSY, BRAKE PEDAL	C	RF
	65-46375-13		BUS ASSY, BRAKE PEDAL	D	RF
	65-46375-14		BUS ASSY, BRAKE PEDAL	E	RF
	65-46375-15		BUS ASSY, BRAKE PEDAL	F	RF
	65-46375-16		BUS ASSY, BRAKE PEDAL	G	RF
	65-46375-17		BUS ASSY, BRAKE PEDAL	H	RF
	65-46375-19		BUS ASSY, BRAKE PEDAL	I	RF
	65-46375-20		BUS ASSY, BRAKE PEDAL	J	RF
	65-46375-21		BUS ASSY, BRAKE PEDAL	K	RF
	65-46375-22		BUS ASSY, BRAKE PEDAL	L	RF
	65-46375-502		BUS ASSY, BRAKE PEDAL	M	RF
	65-46375-503		BUS ASSY, BRAKE PEDAL	N	RF
	65-46375-504		BUS ASSY, BRAKE PEDAL	O	RF
	65-46375-505		BUS ASSY, BRAKE PEDAL	P	RF
	65-46375-506		BUS ASSY, BRAKE PEDAL	Q	RF
1	MS24665-289		. COTTER PIN		2
2	AN320D14		. NUT		2
3	BACW10P272AN		. WASHER		2
4	65-46376-7		. BRACKET ASSY	ADF	1
4	65-46376-8		. BRACKET ASSY	BCE	1
4	65-46376-9		. BRACKET ASSY	H	1
4	65-46376-10		. BRACKET ASSY	G	1
4	65-46376-11		. BRACKET ASSY	I	1
4	65-46376-12		. BRACKET ASSY	J	1
4	65-46376-15		. BRACKET ASSY	K	1
4	65-46376-16		. BRACKET ASSY	L	1
4	65-46376-502		. BRACKET ASSY	M	1
4	65-46376-503		. BRACKET ASSY	NP	1
4	65-46376-504		. BRACKET ASSY	OQ	1
5	BACB30NE3-1		. . BOLT (REPLS NAS1103-1)		1
5	NAS1103-1		. . BOLT (REPLD BY BACB30NE3-1)		1
6	BACB30NE3-10		. . BOLT (REPLS NAS1103-10)		1
6	NAS1103-10		. . BOLT (REPLD BY BACB30NE3-10)		1
7	69-38239-5		. . SUPPORT, LOWER (USED ON 65-46376-8, -10, -12, -502, -504)		1
7	69-38239-6		. . SUPPORT, LOWER (USED ON 65-46376-7, -9, -11, -503)		1
7	65-46376-7		. . SUPPORT, LOWER (USED ON 65-46376-15)		1
7	65-46376-8		. . SUPPORT, LOWER (USED ON 65-46376-16)		1
8	MS20426D3		. . RIVET		8
9	BACN10KB3F		. . NUTPLATE (REPLS NAS687A3)		4

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
9	NAS687A3		. . NUTPLATE (REPLD BY BACN10KB3F)		4
9	BACN10JR3F		. . NUTPLATE (USED ON 65-46376-7 THRU -12, -502, -503, -504)		4
10	MS20470D5		. . RIVET		4
11	69-38237-3		. . RETAINER ASSY		1
12	BACB10A28DD		. . . BEARING (OPT)		1
12	BACB10CF14PP		. . . BEARING		1
13	69-38237-4		. . . RETAINER		1
14	BACN10JC3		. . NUT (REPLS NAS679A3W)		1
14	NAS679A3W		. . NUT (REPLD BY BACN10JC3)		1
14	BACN10YR3CD		. . NUT (REPLS BACN10JC3, NAS679A3W)		1
15	AN960PD10L		. . WASHER (USED ON 65-46376-7 THRU -12, -502, -503, -504)		1
15	NAS1149D0332J		. . WASHER (USED ON 65-46376-15, -16)		1
16	NAS42DD6-72		. . SPACER		1
17	NAS623-3-19		. . BOLT		1
18	MS20470D5		. . RIVET (USED ON 65-46376-7 THRU -12, -502, -503, -504)		8
18	BACR15BB5D		. . RIVET (USED ON 65-46376-15, -16)		8
19	69-52823-3		. . ANGLE (USED ON 65-46376-8, -10, -12, -502, -504)		1
19	69-52823-4		. . ANGLE (USED ON 65-46376-7, -9, -11, -503)		1
19	69-52823-7		. . ANGLE (USED ON 65-46376-15)		1
19	69-52823-8		. . ANGLE (USED ON 65-46376-16)		1
20	69-52823-1		. . ANGLE (USED ON 65-46376-8, -10, -502)		1
20	69-52823-2		. . ANGLE (USED ON 65-46376-7, -9)		1
20	69-52823-501		. . ANGLE (USED ON 65-46376-12, -504)		1
20	69-52823-502		. . ANGLE (USED ON 65-46376-11, -503)		1
20	69-52823-5		. . ANGLE (USED ON 65-46376-15)		1
20	69-52823-6		. . ANGLE (USED ON 65-46376-16)		1
21	MS20470D6		. . RIVET (USED ON 65-46376-7 THRU -12, -502, -503, -504)		8
21	BACR15BB6D		. . RIVET (USED ON 65-46276-15, -16)		8
22	MS20470D5		. . RIVET		4
23	69-38242-3		. . BRACKET, SIDE (USED ON 65-46376-7, -9, -11, -503)		1
23	69-38242-4		. . BRACKET, SIDE (USED ON 65-46376-8, -10, -12, -502, -504)		1
23	69-38242-5		. . BRACKET, SIDE (USED ON 65-46376-15)		1
23	69-38242-6		. . BRACKET, SIDE (USED ON 65-46376-16)		1
24	MS20470D6		. . RIVET (USED ON 65-46376-7 THRU -12, -502, -503, -504)		8
24	BACR15BB6D		. . RIVET (USED ON 65-46376-15, -16)		8

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
25	MS20470D5		. . RIVET (USED ON 65-46376-7 THRU -12, -502, -503, -504)		4
25	BACR15BB5D		. . RIVET (USED ON 65-46376-15, -16)		4
26	69-38245-5		. . SIDE ASSY, BRACKET (USED ON 65-46376-7, -9, -11, -503)		1
26	69-38245-6		. . SIDE ASSY, BRACKET (USED ON 65-46376-8, -10, -12, -502, -504)		1
26	69-38245-9		. . SIDE ASSY, BRACKET (USED ON 65-46376-15)		1
26	69-38245-10		. . SIDE ASSY, BRACKET (USED ON 65-46376-16)		1
27	MS20426D4		. . . RIVET (USED ON 69-38245-5, -6)		2
27	BACR15BB4D		. . . RIVET (USED ON 69-38245-9, -10)		2
28	66-24167-2		. . . FILLER		1
29	66-24167-3		. . . FILLER (USED ON 65-38245-5, -9)		1
29	66-24167-4		. . . FILLER (USED ON 65-38245-6, -10)		1
30	69-38245-7		. . . SIDE, BRACKET (USED ON 69-38245-5)		1
30	69-38245-8		. . . SIDE, BRACKET (USED ON 69-38245-6)		1
30	69-78687-1		. . . SIDE, BRACKET (USED ON 69-38245-9)		1
30	69-78687-2		. . . SIDE, BRACKET (USED ON 69-38245-10)		1
31	MS20470D5		. . RIVET		5
32	69-38240-1		. . ANGLE, AFT (USED ON 65-46376-7)		1
32	69-38240-2		. . ANGLE, AFT (USED ON 65-46376-8)		1
32	69-38240-3		. . ANGLE, AFT (USED ON 65-46376-9, -11 -503)		1
32	69-38240-4		. . ANGLE, AFT (USED ON 65-46376-10,-12, -504)		1
32	69-38240-5		. . ANGLE, AFT (USED ON 65-46376-15)		1
32	69-38240-6		. . ANGLE, AFT (USED ON 65-46376-16)		1
32	69-38240-502		. . ANGLE, AFT (USED ON 65-46376-502)		1
33	MS20470D5		. . RIVET		5
34	69-38241-1		. . ANGLE, FORWARD (USED ON 65-46376-7)		1
34	69-38241-2		. . ANGLE, FORWARD (USED ON 65-46376-8, -502)		1
34	69-38241-3		. . ANGLE, FORWARD (USED ON 65-46376-9, -11, -503)		1
34	69-38241-4		. . ANGLE, FORWARD (USED ON 65-46376-10, -12, -504)		1
34	69-38241-5		. . ANGLE, FORWARD (USED ON 65-46376-15)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
34	69-38241-6		. . ANGLE, FORWARD (USED ON 65-46376-16)		1
35	65-46376-3		. . RADIUS FILLER (USED ON 65-46376-7 THRU -10, -502, -503, -504)		4
35A	65-46376-13		. . RADIUS FILLER (USED ON 65-46376-11, -12, -15, -16)		2
35B	65-46376-14		. . RADIUS FILLER (USED ON 65-46376-11,-12, -15, -16)		2
36	MS20470D5		. . RIVET (USED ON 65-46376-7 THRU -12, -502, -503, -504)		5
36	BACR15BB5D		. . RIVET (USED ON 65-46376-15, -16)		5
37	69-38244-1		. . ANGLE (USED ON 65-46376-7 THRU -12, -502, -503, -504)		1
37	69-38244-4		. . ANGLE (USED ON 65-46376-15, -16)		1
38	MS20470D5		. . RIVET (USED ON 65-46376-7 THRU -12, -502, -503, -504)		2
38	BACR15BB5D		. . RIVET (USED ON 65-46376-15, -16)		2
39	69-38422-2		. . ANGLE (USED ON 65-46376-7 THRU -12, -502, -503, -504)		1
39	69-38244-5		. . ANGLE (USED ON 65-46376-15, -16)		1
40	MS20470D5		. . RIVET (USED ON 65-46376-7 THRU -12, -502, -503, -504)		2
40	BACR15BB5D		. . RIVET (USED ON 65-46376-15, -16)		2
41	69-38244-3		. . ANGLE (USED ON 65-46376-7 THRU -12, -502, -503, -504)		1
41	69-38244-6		. . ANGLE (USED ON 65-46376-15, -16)		1
42	MS20470D5		. . RIVET (USED ON 65-46376-7 THRU -12, -502, -503, -504)		4
42	BACR15BB5D		. . RIVET (USED ON 65-46376-15, -16)		4
43	69-38232-1		. . PLATE, UPPER		1
44	69-38243-1		. . SUPPORT, UPPER (USED ON 65-46376-7, -9, -11, -503)		1
44	69-38243-2		. . SUPPORT, UPPER (USED ON 65-46376-8, -10, -12, -502, -504)		1
44	69-38243-3		. . SUPPORT, UPPER (USED ON 65-46376-7, -9, -11, -503)		1
44	69-38243-4		. . SUPPORT, UPPER (USED ON 65-46376-8, -10, -12, -502, -504)		1
44	69-38243-5		. . SUPPORT, UPPER (USED ON 65-46376-15)		1
44	69-38243-6		. . SUPPORT, UPPER (USED ON 65-46376-16)		1
45	BACB10A28DD		. BEARING	A-D	2
46	NAS42DD14-61		. SPACER	FGHM	1
47	65-46389-4		. CRANK ASSY	NO	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
47	65-46389-7		. CRANK ASSY	I-LPQ	1
47	65-46389-501		. CRANK ASSY		1
47	65-46389-503		. CRANK ASSY		1
48	BACB10A28DD		. . BEARING (USED ON 65-46389-4)		1
48	BACB10CF14PP		. . BEARING (USED ON 65-46389-7, -501, -503)		2
49	65-46389-5		. . BELLCRANK (USED ON 65-46389-4)		1
49	65-46389-8		. . BELLCRANK (USED ON 65-46389-7)		1
49	65-46389-502		. . BELLCRANK (USED ON 65-46389-501)		1
49	65-46389-504		. . BELLCRANK (USED ON 65-46389-503)		1
50	65-46374-1		. CRANK ASSY	AB	1
50	65-46374-2		. CRANK ASSY	C-Q	1
51	BACN10JC4		. NUT		3
52	AN960PD416L		. . WASHER		3
53	BACB30NE4-22		. . BOLT (REPLS BACB30NF4-22)		3
53	BACB30NF4-22		. . BOLT (REPLD BY BACB30NE4-22)		3
54	69-38233-1		. . SHAFT, OUTER		1
55	69-38234-1		. . SHAFT, INNER		1
56	65-46373-1		. . PULLEY		1
56	65-46373-3		. . PULLEY (OPT)		1
57	65-46372-1		. . CRANK (USED ON 65-46374-1)		1
57	65-46372-3		. . CRANK (USED ON 65-46374-2)		1
57	65-46372-4		. . CRANK (USED ON 65-46374-2) (OPT)		1
58	65-46371-5		. . CRANK, LOWER		1