TO: ALL HOLDERS OF LANDING GEAR CONTROL LEVER ASSEMBLY OVERHAUL MANUAL, 32-34-08

REVISION NO. 11, DATED MAR 1/09

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 clarification to cable part number and use codes												X	
Added more washers at the solenoid for a better fit		X				X						X	

LANDING GEAR CONTROL LEVER ASSEMBLY

32-34-08

BOEING P/N 65-54219-5, -7, -13, -15, -21, -24, -25, -27, -30 thru -32, -35 thru -38, -40, -43, -45, -5001 thru -5017

AIRLINE P/N

THE FOLLOWING DIRECTIVES APPLY TO THIS SUBJECT:

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVES	DATE DIRECTIVE INCORPORATED INTO TEXT
32-1041		PRR 31874	Mar 25/73
		PRR 24267	Jan 5/80
		PRR 32808	Jan 5/80
		PRR 33193	Dec 5/83

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
	32-34-08					
	T-1	Mar 1/97				
	T-2	BLANK				
*	LEP-1	Mar 1/09				
	LEP-2	BLANK				
	T/C-1	Nov 10/79				
	T/C-2	BLANK				
	1	Mar 25/73				
	2	Nov 15/67				
*	101	Mar 1/09				
	102	BLANK				
	301	Mar 1/05				
	302	BLANK				
	401	Mar 1/05				
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	403	Jul 1/01				
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*	501	Mar 1/09				
	502	Mar 1/05				
	503	Mar 1/05				
	504	Dec 5/83				
	701	Jul 1/00				
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	703	Jul 1/00				
	704	Jul 1/00				
	801	Sep 1/97				
	802	BLANK				
*	1101	Mar 1/09				
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	1103	Mar 1/97				
*	1104	Mar 1/09				
	1105	Mar 1/05				
	1106	Mar 1/05				
*	1107	Mar 1/09				
	1108	Mar 1/05				

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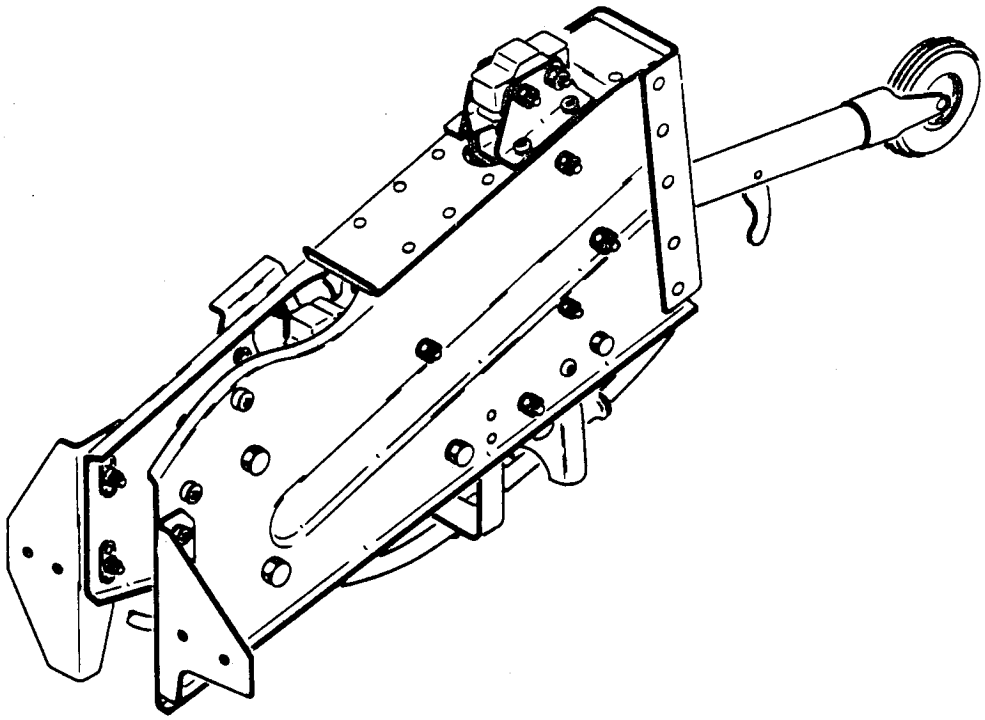
*[1] Special instructions not required. Use standard industry practices and applicable information contained in 20-30-01 and 20-44-02.

LANDING GEAR CONTROL LEVER ASSEMBLY



Landing Gear Control Lever (65-54219-5 shown)
Figure 1

DESCRIPTION AND OPERATION

1. Description

   A. The landing gear control lever assembly controls extension and retraction of the landing gear. It consists of a riveted shell which contains the lever cables, pulleys, switches, and a solenoid. The assembly is mounted on the pilot's instrument panel. A spring-loaded lever is used to select the desired landing gear position: UP, OFF, or DN. A solenoid-actuated locking mechanism prevents selection of UP position while airplane is on the ground.

2. Operation

A. Movement of the landing gear control lever from detent to detent is transmitted by pulleys and cables to a selector valve which controls flow of hydraulic fluid used for landing gear extension and retraction. The locking mechanism, which is designed to prevent inadvertant retraction of the landing gear, may be overridden by a hand-operated trigger mechanism should the solenoid fail to function.

3. Leading Particulars

Length (overall) -- 22 inches
Height (overall) -- 11.5 inches
Width (overall) -- 6.75 inches
Weight -- 8.4 pounds

DISASSEMBLY

1. Wire bundle (1, Fig. 1101)

   A. Disconnect the wires from the terminals of switches (34, 65) as applicable, and solenoid (31). Remove diode (4) if applicable.

   B. Remove clamps (7) with parts (8, 9, 10, 11).

   C. Pull wire bundle (1) out from tube (14). Remove nuts (12) and screws (13) and receptacle from angle (100).

2. Remove tube (14) with parts (15 thru 20).

3. Remove support (21) and solenoid (31) with parts (25 thru 30, 32, 32A, 33).

4. On 65-52419-5 assembly, remove switch (34) and actuator (35) with parts (36 thru 41).

5. Remove mounting angles (42, 45) with parts (43 thru 46).

6. Remove nuts (48), spacers (49), and screws (50).

7. Remove pulleys (51) and lock lever with parts (52 thru 61).

8. Remove support bracket (62) with parts (63, 64).

9. Remove switch (65) and actuator (66) with parts (67, 68, 69). It is not necessary to remove bonded washers (70).

CAUTION: LEVER (89) HAS A SPRING WHICH PUSHES AGAINST LOCKPLATE (71).

10. Remove parts (72 thru 81) and lockplate (71).

11. Remove parts (82 thru 88).

13. Remove parts (90 thru 95) and lever (89). Refer to OHM 32-34-02 for overhaul of lever (89).

14. Remove cotter pins (98) and cables (96, 97).

    NOTE: Do not remove marker (99) or disassemble parts (100 thru 107) unless repair or replacement is necessary.

INSPECTION/CHECK

1. Examine all parts for defects by standard industry practices.
2. Manually operate plunger on solenoid (31). Make sure it extends and retracts smoothly.

   NOTE: If necessary, lubricate the plunger with dry film lubricant, or other permanent type lubricant which will not collect dirt or other contamination.

3. Apply 25 - 29 volts dc to solenoid (31). Make sure the mechanism extends and retracts smoothly.
4. Examine applicable switches (34, 65) for mechanical function and electrical continuity.
5. Make continuity checks of wire bundle (1) (Ref Wiring Diagram Manual, Chapter 32).

REPAIR

1. Repair small defects by standard industry practices.

2. Refinish (Fig. 1101)

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

A. Tube (14) — Chemical treat (F-2.742) and apply BMS 10-11, Type 1 primer (SRF-12.205). Material: Al Alloy.

B. Support (22) — Anodize (F-2.201) and apply BMS 10-11, Type 1 primer (SRF-12.205), or anodize and apply BMS 10-11, Type 1 primer (SRF-2.19), but no primer on surface mating with solenoid (31). Material: Al Alloy.

C. Mounting bracket (39, 40), mounting angle (42), angle (45, 45D) — Chemical treat or chromic acid anodize and apply BMS 10-11, Type 1 primer (F-18.05). Material: Al alloy.

D. Support bracket (62), spacers (74, 75), angle (100) — Chemical treat or chromic acid anodize and apply BMS 10-11, Type 1 primer (SRF-2.30). Material: Al Alloy.

E. Lock lever (57) — Chromic acid anodize (F-17.02). Material: Al Alloy.

F. Lock plate (71) — Chemical treat or chromic acid anodize and apply BMS 10-11, Type 1 primer (F-18.05), but no primer on the detents and the area between them, or on the 0.70-inch ID hole. Material: Al Alloy.

G. Spacer (94) — Apply BMS 3-8 solid film lubricant (F-19.10). Outside diameter after coating 0.3119-0.3130 inch. Inside diameter after coating 0.2510-0.2526 inch. This lubricant is not necessary on the inside diameter. Material: 4130 steel, 125-145 ksi.

H. Angle (100C) -- Chemical treat or chromic acid anodize and apply BMS 10-11, Type 1 primer (SRF-2.30). Material: Al alloy.

I. End Channel (101) — Chemical treat or chromic acid anodize and apply BMS 10-11, Type 1 primer (F-18.05) and BMS 10-11, Type 2 enamel (SRF-14.903-701). Material: Al Alloy.

J. Panel (104), Outbd Channel (107) — Chemical treat and apply BMS 10-11, Type 1 primer (F-18.06). Material: Al alloy.

K. Inbd Channel (106) — Chemical treat or chromic acid anodize and apply BMS 10-11, Type 1 primer (SRF-2.30). Material: Al alloy.

L. Strap (111) -- Chemical treat and apply BMS 10-11, Type 1 primer (F-18.05). Material: Al alloy.

3. Replacement (Fig. 1101)

   A. Replace all cotter pins and locknuts.

   B. Bearings in pulleys (51) — Replacement of the complete pulley is necessary.

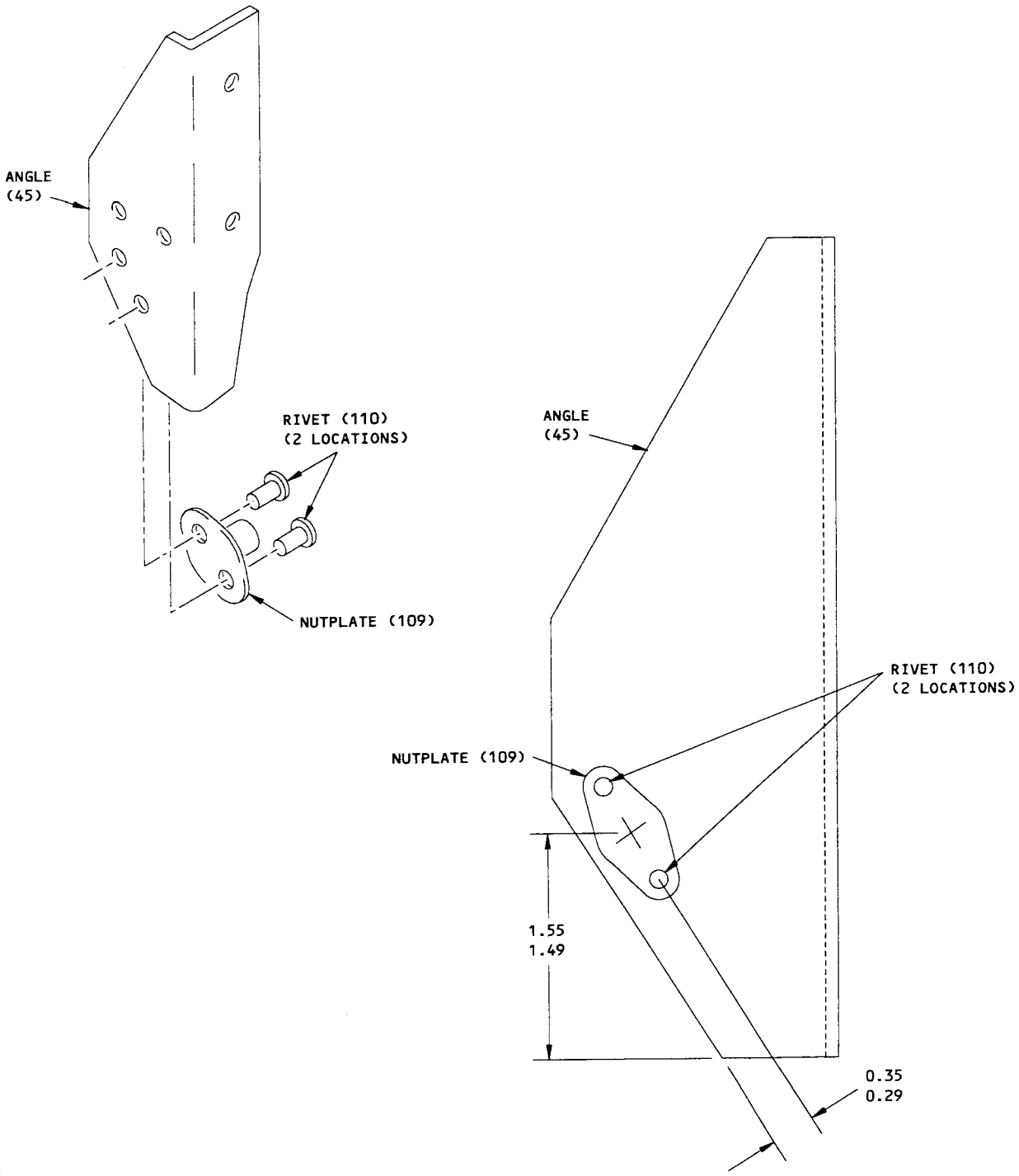
   C. Angle (45) -- New angles do not come with nutplate (109) installed. If you replace this angle, install nutplate (109) on it with new rivets (110) as shown in Fig. 401.

      NOTE: Replacement angle assemblies (45A) come with the nutplate installed, but the same dimensions are applicable as shown in Fig. 401.

   D. Nutplates (45B, 100A, 109) — Remove the rivets and the old nutplate. Install a replacement nutplate with new rivets.

   E. Panels (101, 104, 106, 107) — Drill out the rivets. Remove the bad panel. Install a replacement panel with new rivets.

   F. Marker (99) — Remove the bad marker. Apply a replacement per SOPM 20-50-05.



Nutplate Replacement
Figure 401

ASSEMBLY

1. Materials

   NOTE: Equivalent substitutes can be used.

   A. Grease -- MIL-G-23827 (SOPM 20-60-03)

   B. Grease -- BMS 3-24 (Replaces MIL-G-7187, MIL-G-25760) (SOPM 20-60-03)

   C. Grease -- BMS 3-33 (Replaces BMS 3-24) (SOPM 20-60-03)

2. Lubricate all sliding surfaces of lever assembly (89) with BMS 3-33 or MIL-G-23827 grease.

3. Install cables (96, 97) on control lever (89) with cotter pins (98). Lubricate cables (96, 97) with BMS 3-33 or BMS 3-24 grease.

4. Install lever (89) in the box with bolt (95), spacer (94), bearing (93), washers (91, 92), nut (90).

5. Install cable guards with bolt (84), spacer (83), and nut (82), and bolt (88), spacer (87), washer (86), nut (85).

6. Install lockplate (71) with screws (76, 79, 81), spacers (74, 75, 77, 78), washers (73, 80), nuts (72).

   NOTE: To make lockplate installation easier, you can release the spring tension put on lockplate (71) by lever (89). Pull the lever and the trigger as necessary.

7. Install switch (65) and actuator (66) with screws (69), washers (68), nuts (67). Make sure that the bonded washers (70) are still in position.

8. Install support bracket (62) with screws (64), washers (63).

9. Install lock lever (57) with screw (61), bushing (60), washer (59), nut (58).

10. Install pulleys (51) with bolts (56), spacers (54, 55), washers (53), nuts (52).

11. Install cable (97) in upper pulley (51), and install cable (96) in lower pulley (51).

12. Install three cable guards with screws (50), spacers (49), nuts (48).

13. Install angles (45, 42) with screws and washers (43, 44, 46, 47).

14. On the 65-54219-5 assembly, install mounting brackets (39, 40) with screws (41). Install switch (34) and actuator (35) with screws (38), washers (37), nuts (36).

15. Install solenoid (31) in support (21) with washers (32), screws (33). Use washers (32A) as necessary to let the threads of screws (33) engage fully. Tighten screws (33) gradually for a good fit of the solenoid.

16. Install solenoid support (21) with screws (29, 30), washers (28), nuts (27). Connect solenoid (31) to lock lever (57) with pin (26), cotter pin (25).

17. Install tube (14) with screws (19, 19A), washer (18), clamps (17), spacers (16, 20), nuts (15).

18. Wire bundle (1) (Fig. 501).

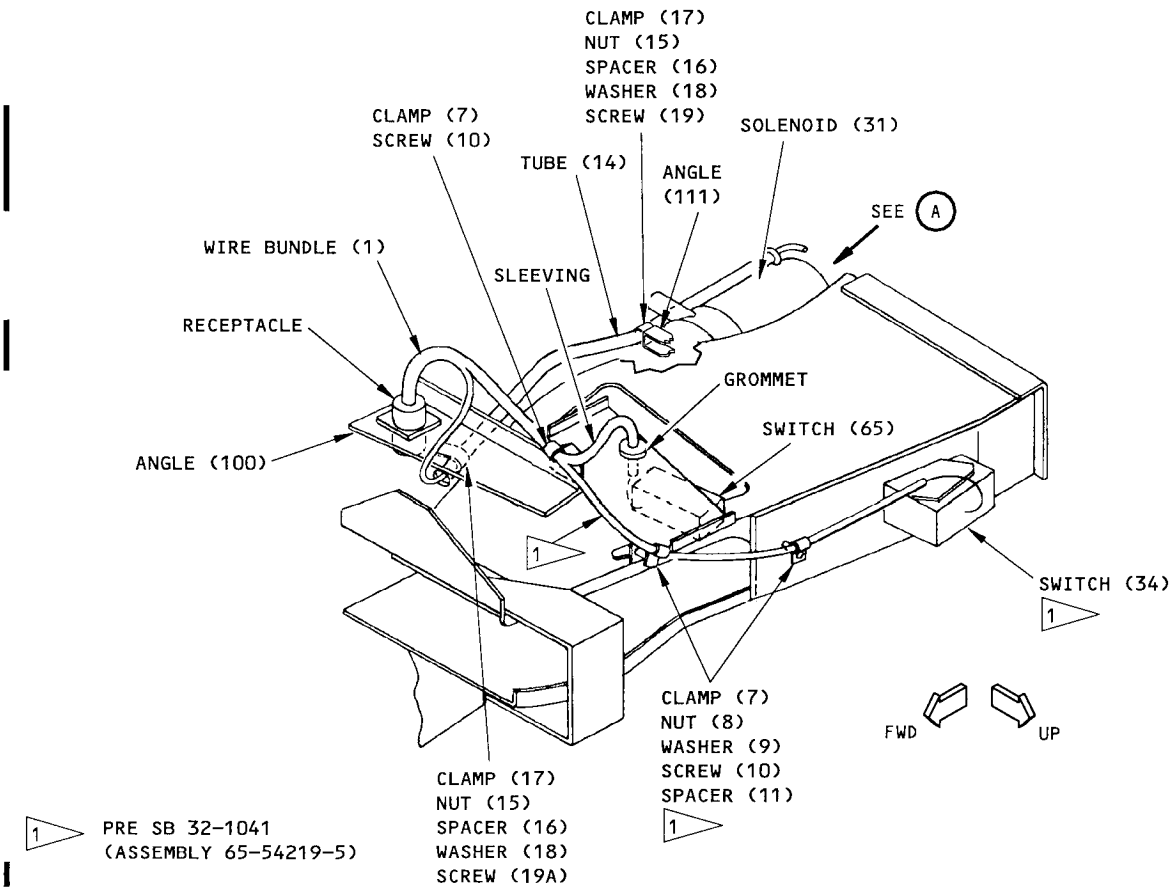
    A. Install the electrical receptacle on angle (100) with screws (13), nuts (12). Put the wide keyway of the receptacle toward the narrow end of angle (100).

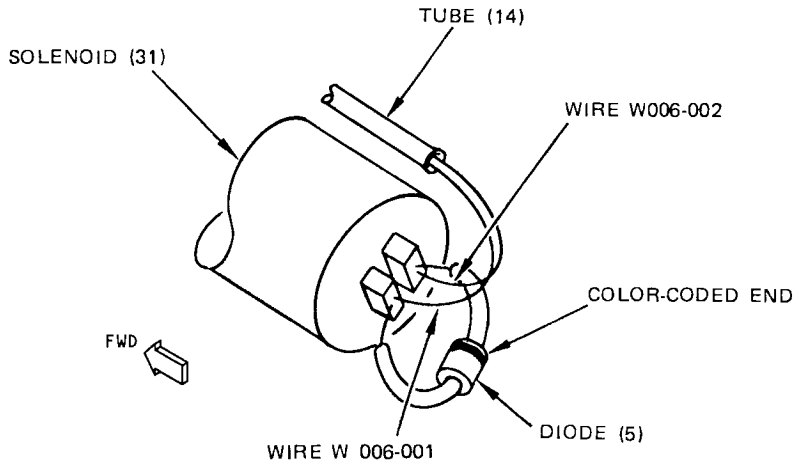
    B. Put wire bundle (1) through tube (14). Attach tube (14) with clamps (7), screws (10), spacers (11), washers (9) and nuts (8). Attach the wire bundle to angle (100) with clamp (7), screw (10).

    C. Connect the terminal lugs of wire bundle (1) to the terminals of solenoid (31). Where applicable, install diode assembly (4) under the terminal lugs. Attach the color coded end of diode (5) to the same terminal as wire W006-002 from wire bundle (1).

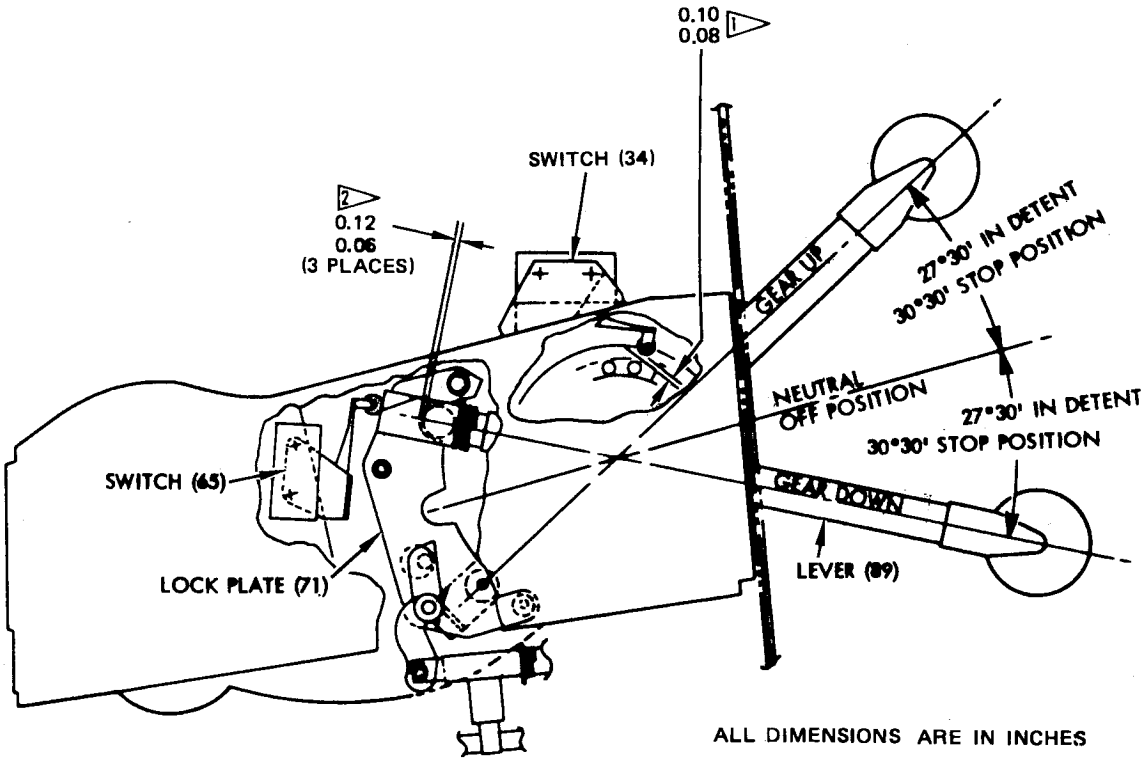
    D. Connect the wires to the terminals of switches (34, 65), as applicable. Be sure there is a grommet installed where the wires for switch (65) go through the shell.

19. Adjust switches (34, 65) to operate within the dimensions shown in Fig. 502.





Wiring Details
Figure 501



1 WITH LEVER (89) IN NEUTRAL (OFF) POSITION, ADJUST SWITCH (34) TO ACTUATE 0.08–0.10 AWAY FROM CAM (65-54219-5 ASSEMBLY ONLY)

2 ADJUST SWITCH (65) TO ACTUATE WITH LEVER (89) 0.06 – 0.12 FROM BOTTOM OF DETENT

Switch Adjustments
Figure 502

TESTING

1. Test Equipment

   A. Power Supply -- 27-29 volt dc power supply

   B. Multimeter -- Simpson 260P or equivalent

2. Functional Test

   A. Mechanical

      (1) Landing gear control lever assembly (89) must lift smoothly, and have a stroke sufficient to clear the detents.

      (2) Lever cam roller must go in and out of the detents smoothly, without interference.

   B. Electrical (Fig. 701)

      NOTE: Figure 701 shows only typical schematics. For exact schematic details for your unit, refer to the airplane's wiring diagram manual.

      (1) Apply 27-29 volts dc and ground to the pins shown below. Make sure solenoid (31) retracts smoothly with no interference.

Unit	Apply DC	Ground
65-54219-7	Pin 4	Pin 5
Others	Pin 2	Pin 1

      (2) With solenoid (31) retracted and lever (89) in the extended position, lever must travel freely through the arc shown in Fig. 502 smoothly, without interference.

      (3) Remove the connections from the solenoid pins. Make sure the solenoid extends freely.

      (4) With solenoid (31) extended, it must not be possible to move the lever to the GEAR UP position unless you operate the lock override trigger.

(5) With the multimeter, make these continuity checks:

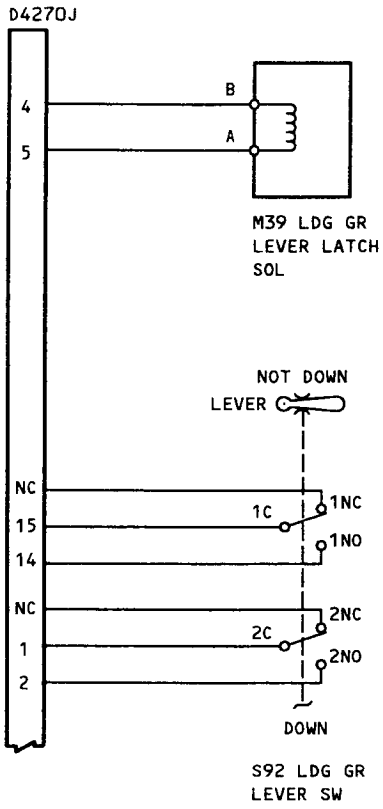
Unit	Lever Position *[2]	Pin to	Pin	Measurement *[1]
*[3]	OFF/UP	14	15	No Continuity
	OFF/UP	1	2	No Continuity
*[4]	OFF/UP	9	3, 12	Continuity
	OFF/UP	3	12	Continuity
	OFF/UP	3, 9, 12	6, 8	No Continuity
*[3]	DOWN	1	2	Continuity
	DOWN	14	15	Continuity
*[4]	DOWN	8	3, 6	Continuity
	DOWN	3	6	Continuity
	DOWN	3, 6, 8	9, 12	No Continuity

*[1] Continuity equals a resistance of 3 ohms or less. No Continuity equals a resistance of 900 kilohms or greater.

*[2] The Landing Gear Lever Switch must operate when the lever goes from the OFF position to the DOWN position. The switch must not operate when the lever goes from the OFF position to the UP position.

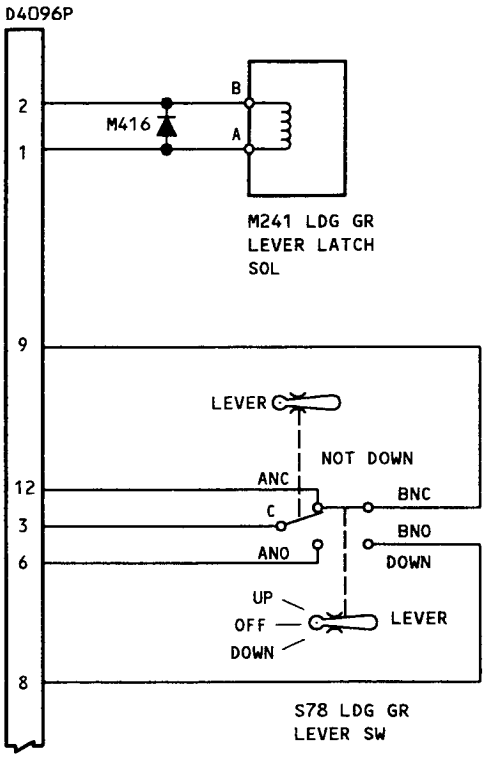
*[3] 65-54219-7

*[4] Other units.



65-54219-7 SHOWN

Typical Schematic Diagram
Figure 701 (Sheet 1)



65-54219-40 SHOWN

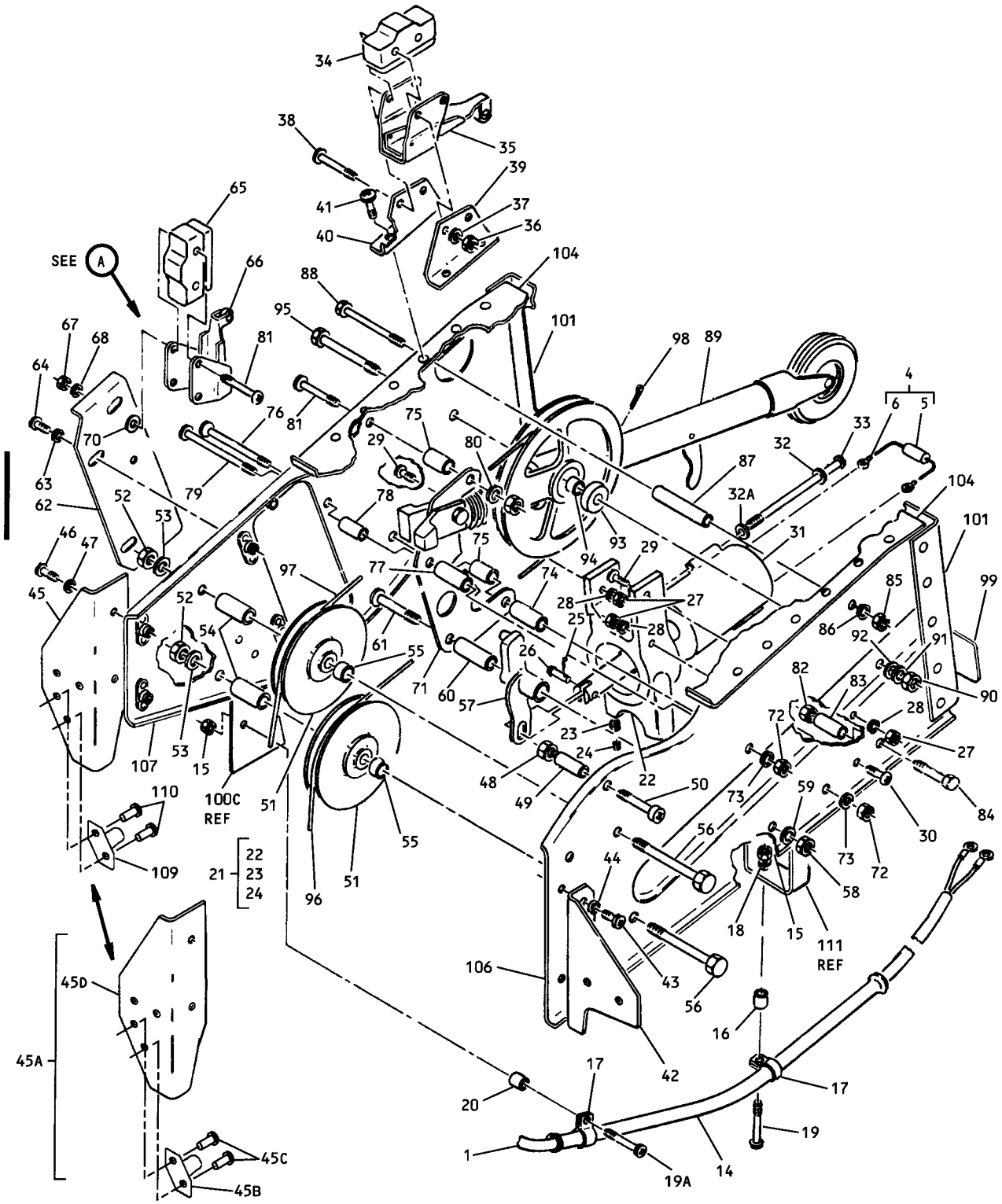
Typical Schematic Diagram
Figure 701 (Sheet 2)

L25359

TROUBLE SHOOTING

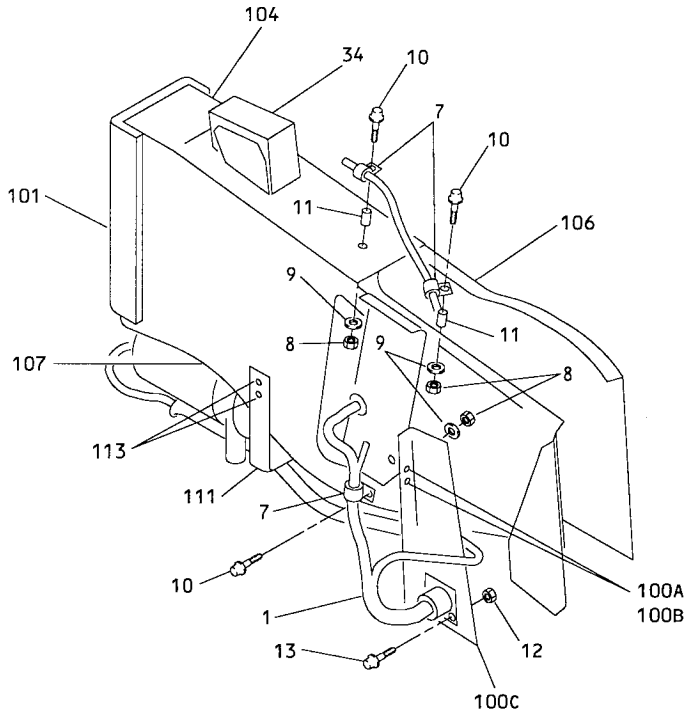
1. Trouble During Test After Overhaul

	Trouble	Possible Cause	Correction
A	Operation of landing gear control lever (89) not smooth	Unwanted material between lever parts	Disassemble, clean, and assemble per OHM 32-34-02
B.	Solenoid (31) does not operate correctly	Solenoid (31) or wiring defective	Replace solenoid (31). Examine wiring
C.	Lock override trigger does not operate	Trigger, plug and spring pin incorrectly installed	Disassemble, examine, clean and replace parts as necessary, per OHM 32-34-02
D.	Pulleys (51) do not permit correct cable travel	Spacers (54 and 55) not installed in correct locations	Disassemble, remove and install spacers as shown in Fig. 1101
E.	Parts rub and catch during operation	Spacers incorrectly installed. Parts worn or bent	Disassemble and examine parts. Replace worn or defective parts. Straighten bent parts if possible. Assemble and try again.



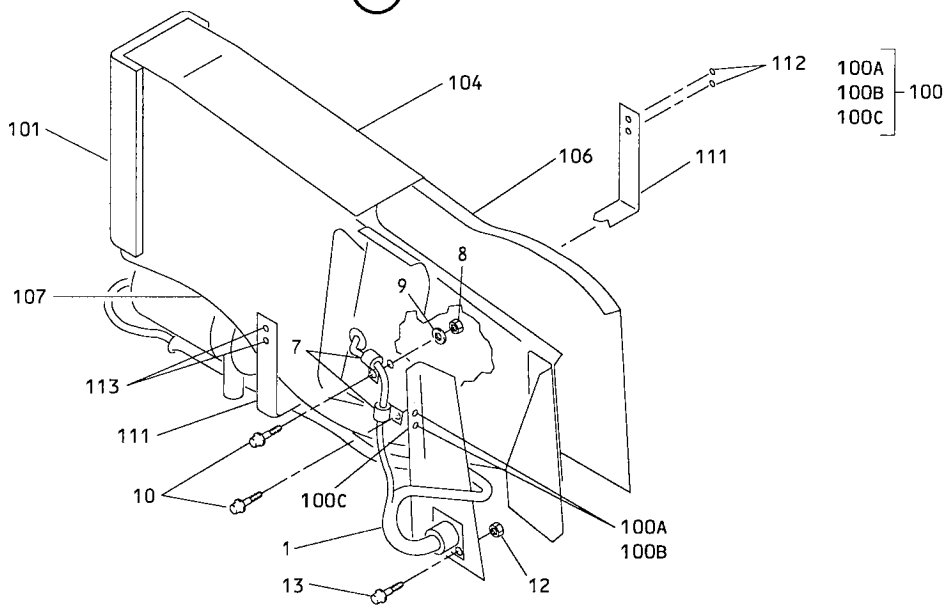
Landing Gear Control Lever Assembly
Figure 1101 (Sheet 1)

G29837



65-54219-5

(A)



65-54219-7 AND ON

(A)

Landing Gear Control Lever Assembly
Figure 1101 (Sheet 2)

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
	65-54219-5		LEVER ASSY, LANDING GEAR CONTROL	A	RF
	65-54219-7		LEVER ASSY, LANDING GEAR CONTROL	B	RF
	65-54219-13		LEVER ASSY, LANDING GEAR CONTROL	C	RF
	65-54219-15		LEVER ASSY, LANDING GEAR CONTROL	D	RF
	65-54219-21		LEVER ASSY, LANDING GEAR CONTROL	E	RF
	65-54219-24		LEVER ASSY, LANDING GEAR CONTROL	F	RF
	65-54219-25		LEVER ASSY, LANDING GEAR CONTROL	G	RF
	65-54219-27		LEVER ASSY, LANDING GEAR CONTROL	H	RF
	65-54219-5001		LEVER ASSY, LANDING GEAR CONTROL	I	RF
	65-54219-5002		LEVER ASSY, LANDING GEAR CONTROL	J	RF
	65-54219-5003		LEVER ASSY, LANDING GEAR CONTROL	K	RF
	65-54219-5004		LEVER ASSY, LANDING GEAR CONTROL	L	RF
	65-54219-5005		LEVER ASSY, LANDING GEAR CONTROL	M	RF
	65-54219-5006		LEVER ASSY, LANDING GEAR CONTROL	N	RF
	65-54219-5007		LEVER ASSY, LANDING GEAR CONTROL	O	RF
	65-54219-5008		LEVER ASSY, LANDING GEAR CONTROL	P	RF
	65-54219-5009		LEVER ASSY, LANDING GEAR CONTROL	Q	RF
	65-54219-5010		LEVER ASSY, LANDING GEAR CONTROL	R	RF
	65-54219-5011		LEVER ASSY, LANDING GEAR CONTROL	S	RF
	65-54219-5012		LEVER ASSY, LANDING GEAR CONTROL	T	RF
	65-54219-5013		LEVER ASSY, LANDING GEAR CONTROL	U	RF
	65-54219-5014		LEVER ASSY, LANDING GEAR CONTROL	V	RF
	65-54219-5015		LEVER ASSY, LANDING GEAR CONTROL	W	RF
	65-54219-5016		LEVER ASSY, LANDING GEAR CONTROL	X	RF
	65-54219-5017		LEVER ASSY, LANDING GEAR CONTROL	Y	RF
	65-54219-30		LEVER ASSY, LANDING GEAR CONTROL	Z	RF
	65-54219-31		LEVER ASSY, LANDING GEAR CONTROL	BA	RF
	65-54219-32		LEVER ASSY, LANDING GEAR CONTROL	CA	RF
	65-54219-35		LEVER ASSY, LANDING GEAR CONTROL	DA	RF
	65-54219-36		LEVER ASSY, LANDING GEAR CONTROL	EA	RF
	65-54219-37		LEVER ASSY, LANDING GEAR CONTROL	FA	RF
	65-54219-38		LEVER ASSY, LANDING GEAR CONTROL	GA	RF
	65-54219-40		LEVER ASSY, LANDING GEAR CONTROL	HA	RF
	65-54219-43		LEVER ASSY, LANDING GEAR CONTROL	IA	RF
	65-54219-45		LEVER ASSY, LANDING GEAR CONTROL	JA	RF
1	61-30006-001		. WIRE BUNDLE	A	1
1	61-20696-001		. WIRE BUNDLE	BI	1
1	61-30006-002		. WIRE BUNDLE	C-F BA DA FA	1
1	61-30006-502		. WIRE BUNDLE	GHZ CA EA GA-JA	1
1	61-20696-001		. WIRE BUNDLE (OPT)	I	1
1	61-20696-004		. WIRE BUNDLE (OPT)	INQRT	1
1	61-20696-008		. WIRE BUNDLE (OPT)	IOPQ	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
1	61-20696-002		. WIRE BUNDLE	J	1
1	61-20696-009		. WIRE BUNDLE	KU	1
1	61-20696-003		. WIRE BUNDLE	L	1
1	61-20696-005		. WIRE BUNDLE	M	1
1	61-20696-004		. WIRE BUNDLE	N-T	1
1	61-20696-011		. WIRE BUNDLE	VXY	1
1	61-20696-013		. WIRE BUNDLE	W	1
4	69-37133-1		. DIODE ASSY	AC-H Z-JA	1
5	1N4385		. . ZENER DIODE, V14936		1
6	BACT12AC2		. . TERMINAL		2
7	BACC10DK2		. CLAMP	A	3
7	BACC10DK2		. CLAMP	B-JA	2
8	NAS679A3W		. NUT	A	3
8	NAS679A3W		. NUT	B-JA	2
9	AN960D		. WASHER	A	3
9	AN960D		. WASHER	B-JA	2
10	BACS12CB3		. SCREW	A	3
10	BACS12CB3		. SCREW	B-JA	2
11	NAS42DD6-24		. SPACER	A	2
12	BACN10NW1		. NUT		2
13	BACS12CB04		. SCREW		2
14	65-54219-8		. TUBE		1
15	NAS679A3W		DELETED		
15	MS21042L3		. NUT		2
16	NAS42DD6-23FC		. SPACER		1
17	AN735-6		. CLAMP		2
18	AN960PD10L		. WASHER		1
19	NAS623-3-6		. SCREW		1
19A	NAS623-3-7		. SCREW		1
20	NAS42DD6-16FC		. SPACER		1
21	65-54215-1		. SUPPORT ASSY		1
22	65-54215-2		. . SUPPORT		1
23	MS21209F1-20		. . COIL, HELICAL		2
24	MS21209F1-15		. . COIL, HELICAL		2
25	MS24665-132		. PIN, COTTER		1
26	MS20392-2C17		. PIN		1
27	NAS679A3W		. NUT		3
28	AN960PD10L		. WASHER		3
29	NAS517-3-3		. SCREW		2
30	NAS623-3-4		. SCREW		1
31	10-3087-5		. SOLENOID, V73949		1
31	10-3087-4		. SOLENOID, V73949 (OPT)		1
32	AN960PD10L		. WASHER		2
32A	AN960PD10		. WASHER		AR

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
33	NAS623-3-54		. SCREW (USED WITH 10-3087-4)		2
33	NAS623-3-43		. SCREW (USED WITH 10-3087-5)		2
34	MS25011-2		. SWITCH *[1]	A	1
35	ADH3721R2		. ACTUATOR, V91929 *[1]	A	1
36	NAS679A06W		. NUT	A	2
37	AN960PD6L		. WASHER	A	2
38	NAS601-16P		. SCREW	A	2
39	69-40883-1		. BRACKET *[1]	A	1
40	69-40883-2		. BRACKET *[1]	A	1
41	NAS623-3-2		. SCREW		4
42	69-40859-1		. ANGLE, MOUNTING		1
43	NAS623-3-2		. SCREW		3
44	AN960PD10L		. WASHER		3
45	69-41785-5		. ANGLE	A-HA	1
45	69-41785-7		. ANGLE	IA	1
45A	69-41785-8		. ANGLE ASSY	JA	1
45A	69-41785-9		. ANGLE ASSY	JA	1
45B	BACN10TL3A10		. . NUT, SPACER PLATE		1
45C	BACR15BB3		. . RIVET		2
45D	69-41785-7		. . ANGLE (USED ON 69-41785-8)		1
45D	69-41785-10		. . ANGLE (USED ON 69-41785-9)		1
46	NAS603-7P		. SCREW		2
47	AN960PD10L		. WASHER		2
48	NAS679A3W		. NUT		3
49	NAS42DD6-56		. SPACER		3
50	NAS623-3-14		. SCREW		3
51	MS20220-2		. PULLEY	A-D I-V	2
51	BACP30J7		. PULLEY	D-H Y-JA	2
51	MS20220-2		. PULLEY (OPT)	WX	2
51	BACP30J7		. PULLEY (OPT)	WX	2
52	NAS679A5		. NUT		2
53	AN960PD516L		. WASHER		2
54	NAS43DD5-66		. SPACER		2
55	NAS43DD5-12		. SPACER		2
56	NAS1105-31		. BOLT		2
57	65-54214-1		. LEVER, LOCK		1
58	NAS679A4W		. NUT		1
59	AN960PD416L		. WASHER		1
60	NAS75-4-102		. BUSHING		1
61	NAS517-4-18		. SCREW		1
62	66-9622-2		. BRACKET, SUPPORT		1
63	AN960PD10L		. WASHER		3
64	NAS623-3-2		. SCREW		3

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-65	MS25383-1		. SWITCH	AC-H Z-JA	1
65	MS25008-1		. SWITCH	BI-Y	1
66	ADH3721R2		. ACTUATOR, V91929		1
67	NAS679A06W		. NUT		2
68	AN960PD6L		. WASHER		2
69	NAS601-17P		. SCREW		2
70	AN960PD6		. WASHER		2
71	69-40858-1		. LOCKPLATE		1
72	NAS679A3W		. NUT		3
73	AN960PD10L		. WASHER		2
74	65-54219-3		. SPACER		1
75	65-54219-9		. SPACER		2
76	NAS517-3-29		. SCREW		1
77	NAS43DD3-68		. SPACER		1
78	NAS43DD3-42		. SPACER		1
79	NAS623-3-30		. SCREW		1
80	AN960-10		. WASHER		1
81	NAS623-3-14		. SCREW		1
82	NAS679A3W		. NUT		1
83	NAS42DD6-52		. SPACER		1
84	NAS1103-13		. BOLT		1
85	NAS679A3W		. NUT		1
86	AN960PD10L		. WASHER		1
87	NAS42DD6-118		. SPACER		1
88	NAS1103-31		. BOLT		1
89	65-54221-1		. LEVER ASSY (OHM 32-34-02)	ACE-H Z-CA EA	1
89	65-54221-2		. LEVER ASSY (OHM 32-34-02)	BJ-OQ RT-WY	1
89	65-54221-8		. LEVER ASSY (OHM 32-34-02)	DIPSX	1
89	65-54221-9		. LEVER ASSY (OHM 32-34-02)	FA-JA	1
89	65-54221-10		. LEVER ASSY (OHM 32-34-02)	DA	1
90	NAS679A4W		. NUT		1
91	AN960PD416		. WASHER		1
92	AN960PD416L		. WASHER		1
93	BACB10A661		. BEARING		1
94	30-1583		. SPACER		1
95	NAS1104-30		. BOLT		1
96	69-40925-1		. CABLE ASSY (LGVA)	A	
96	BACC13AP4D1046		. CABLE ASSY (LGVA)	BI-NQ	1
96	61-32155B4HK1054L348		. CABLE ASSY (LGVA)	C-HZ	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
96	69-40925-1		. CABLE ASSY (LGVA) (OPT)	CD	1
96	BACC13AP4D1 046		. CABLE ASSY (LGVA) (OPT)	IK	1
96	69-40925-6		. CABLE ASSY (LGVA) (OPT)	IK	1
96	69-40925-6		. CABLE ASSY (LGVA)	IPR-U	1
96	61-31255B4HK10 46 L340		. CABLE ASSY (LGVA)	V-Y	1
96	69-40925-6		. CABLE ASSY (LGVA) (OPT)	VWX	1
96	61-32155E4HK10 54 L348		. CABLE ASSY (LGVA)	BA-JA	1
97	BACC13AP4D996		. CABLE ASSY (LGVB)	A	1
97	BACC13AP4D123 2		. CABLE ASSY (LGVB)	BI-U	1
97	BACC2A4B00996 EG		. CABLE ASSY (LGVB)	C-HZ	1
97	BACC13AP4D996		. CABLE ASSY (LGVB) (OPT)	CD	1
97	BACC2A4B0123 2EG		. CABLE ASSY (LGVB)	V-Y	1
97	BACC13AP4D12 32		. CABLE ASSY (LGVB) (OPT)	V-Y	1
97	BACC2C4C0099 6EG		. CABLE ASSY (LGVB)	BA-JA	1
98	MS24665-134		. PIN, COTTER		2
99	BAC27DCT152		. MARKER, FOIL		1
100	69-40901-1		. ANGLE ASSY		1
100A	BACN10MK3-45		. . NUTPLATE		1
100B	MS20470D4		. . RIVET		2
100C	69-40901-2		. . ANGLE		1
101	69-40857-2		DELETED		
101	69-40857-3		DELETED		
101	69-40857-4		. CHANNEL, END	A	1
101	69-40857-4		. CHANNEL, END (OPT)	BIJLMNT	1
101	69-40857-5		. CHANNEL, END	C-HK O-S U-JA	1
101	69-40857-5		. CHANNEL, END (OPT)	BIJLMNT	1
-102	MS20470D6		. RIVET		4
-103	MS20426D5		. RIVET		5
104	69-40856-1		. PANEL, TOP		1
-105	NAS1398D5-3		. RIVET		10
106	69-40862-3		. CHANNEL ASSY, INBD		1
107	69-40863-3		. CHANNEL ASSY, OUTBD	A-D I-Y	1
107	69-40863-3		. CHANNEL ASSY, OUTBD (OPT)	E-H Z-JA	1
107	69-40863-5		. CHANNEL ASSY, OUTBD	E-H Z-JA	1
109	BACN10TL3A10		. NUT, SPACER PLATE	Z EA HA	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
110	BACR15BB3		. RIVET	Z EA HA	2
111	69-40896-1		. STRAP		1
112	BACR15BB5D		. RIVET		2
113	BACR15BA5D		. RIVET		2

*[1] PRE SB 32-1041

VENDORS

V14936 GENERAL SEMICONDUCTOR, INC., 10 MELVILLE PARK RD., MELVILLE, NEW YORK 11747-3113

V73949 GUARDIAN ELECTRIC MFG. CO., 1425 LAKE AVE., WOODSTOCK, ILLINOIS 60098-7419

V91929 HONEYWELL SENSING AND CONTROL, 11 W. SPRING ST., FREEPORT, ILLINOIS 61032-4353