TO: ALL HOLDERS OF CONTROL STAND UPPER MECHANISM ASSEMBLY OVERHAUL MANUAL, 27-16-11

REVISION NO. 20, DATED MAR 1/04

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 top assemblies 65-45125-87 thru -95				X	X							X	
Incorporated SB 27-1204					X							X	
Edited without technical change					X							X	

CONTROL STAND UPPER MECHANISM ASSEMBLY

27-16-11

BOEING P/N 65-45125-1, -11, -12, -14 THRU -19, -25 THRU -49, -51, -54, -55, -58, -62, -63, -66 THRU -77, -79, -81, -82, -85 THRU -95

AIRLINE P/N

THE FOLLOWING DIRECTIVES APPLY TO THIS SUBJECT:

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVES	DATE DIRECTIVE INCORPORATED INTO TEXT
		PRR 30073	May 15/69
		PRR 30766	May 15/69
		PRR 30766-1	May 15/69
		PRR 30795	May 15/69
		PRR 31030-14	May 15/69
		PRR 31113	May 15/69
		PRR 31170	May 15/69
		PRR 31231	May 15/69
		PRR 31270	May 15/69
		PRR 31270-1	May 15/69
		PRR 31251-2	Mar 10/71
22-1006		PRR 31545	Mar 10/71
71-1016		PRR 31554	Mar 10/71
71-1016, Rev 1		PRR 31554-1	Mar 10/71
76-1002		PRR 31554-5	Mar 10/71
78-1005		PRR 31595	Mar 10/71
78-1005, Rev 1		PRR 31883	Mar 10/71
22-1012		PRR 31926	Mar 10/71
		MC 3400-20K	Mar 10/71

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVES	DATE DIRECTIVE INCORPORATED INTO TEXT
		MC 3510-4K	Mar 10/71
		MC 3910-1	Mar 10/71
		MC 3910-1K	Mar 10/71
28-1020		PRR 32056	Sep 10/71
		PRR 31960-11	Mar 10/72
		PRR 32039	Dec 25/72
		PRR 32256	Jun 25/73
		PRR 32294	Sep 25/73
		PRR 32200-10	Sep 25/73
		PRR 32388	Dec 25/74
		PRR 32285-10	Jun 25/75
		PRR 32509	Jun 25/75
		PRR 32540	Dec 25/75
27-1087		PRR 32664	Jan 5/77
		PRR 32682	Jan 5/77
		PRR 32811	Jul 5/77
		PRR 32899	Jan 5/80
27-1100		PRR 32899-R	Jul 5/81
		PRR 33025	Jul 5/81
		PRR 33027	Jul 5/81
		PRR 33076	Jul 5/81
22-1027			Jul 5/82
28-1035			Jul 5/82
22-1063			Dec 5/85
27-1204		PRR 35375	Mar 1/04

LIST OF EFFECTIVE PAGES

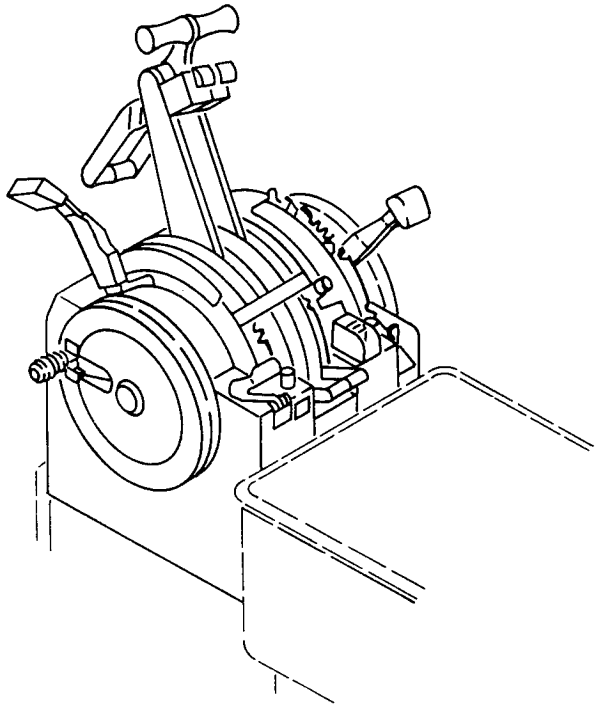
* Indicates pages revised, added or deleted in latest revision
F Indicates foldout pages - print one side only

	PAGE	DATE
	27-16-11	
*	T-1	Mar 1/04
*	T-2	Mar 1/04
*	LEP-1	Mar 1/04
	LEP-2	BLANK
	T/C-1	Jul 5/81
	T/C-2	BLANK
	1	Jun 25/75
	2	May 15/69
	101	Jul 1/02
	102	Jun 25/75
	103	Mar 10/71
	104	Jun 25/75
	105	Dec 5/85
	106	Dec 5/85
	107	Jan 5/80
	108	Dec 5/85
	201	Jan 5/80
	202	BLANK
*	301	Mar 1/04
	302	BLANK
	401	Mar 10/71
	402	Mar 5/88
*	403	Mar 1/04
	404	Dec 5/84
	405	Dec 5/84
	406	May 15/69
	407	May 15/69
	408	Jun 5/85
	409	May 15/69
*	410	Mar 1/04
	501	Sep 10/71
	502	Sep 25/73
	503	Jul 5/81
	504	Jun 25/75
	505	Jun 25/75
	506	Dec 5/85
	507	Jun 25/75
	508	Dec 5/84
	509	Jul 1/02
	510	Jun 25/75
	701	Jul 1/02
	702	May 15/69
	801	May 15/69
	802	Jul 1/02
	803	May 15/69
	804	May 15/69
	1001	May 15/69
	1002	BLANK
	1101	May 15/69
	1102	Jul 5/81
	1103	Dec 5/85
*	1104	Mar 1/04
F	1105	Dec 5/85
	1106	BLANK
	1107	Dec 5/85
	1108	Jan 5/80
	1108A	Jun 25/75
	1108B	Jul 5/82
	1109	BLANK
	1110	Jul 5/82
	1111	Jul 5/82
	1112	Dec 5/85
	1113	Mar 10/71
	1114	Dec 5/84
	1115	Mar 10/71
	1116	Jun 5/86
	1116A	BLANK
	1116B	Jan 5/80
	1117	Dec 5/85
*	1118	Mar 1/04
*	1119	Mar 1/04
*	1120	Mar 1/04
*	1121	Mar 1/04
*	1122	Mar 1/04
*	1123	Mar 1/04
*	1124	Mar 1/04
*	1124A	Mar 1/04
*	1124B	Mar 1/04
*	1125	Mar 1/04
*	1126	Mar 1/04
*	1127	Mar 1/04
*	1128	Mar 1/04
*	1129	Mar 1/04
*	1130	Mar 1/04
*	1131	Mar 1/04
*	1132	Mar 1/04
*	1133	Mar 1/04
*	1134	Mar 1/04
*	1135	Mar 1/04
*	1136	Mar 1/04
*	1137	Mar 1/04
*	1138	Mar 1/04
*	1139	Mar 1/04
*	1140	Mar 1/04
*	1141	Mar 1/04
*	1142	Mar 1/04
*	1143	Mar 1/04
*	1144	Mar 1/04
*	1145	Mar 1/04
*	1146	Mar 1/04
*	1147	Mar 1/04
*	1148	Mar 1/04
*	1149	Mar 1/04
*	1150	Mar 1/04
*	1151	Mar 1/04
*	1152	BLANK

TABLE OF CONTENTS

*[1] Special instructions not required. Use standard industry practices and the information contained in 20-44-02 and 20-70-01.

CONTROL STAND UPPER MECHANISM ASSEMBLY



Control Stand Upper Mechanism Assembly
Figure 1

DESCRIPTION AND OPERATION

1. Description

   A. The control stand upper mechanism assembly consists of a frame which contains and supports the start levers, thrust levers, stabilizer trim controls, flap lever, and speed brake lever, together with associated drums, bearings, shafts, linkages, covers, seals, stops, detents, cams, toggles, switches, and indicators.

2. Operation

A. Components

(1) The stabilizer trim wheel may be turned manually to correct general "nose up" or "nose down" flight tendencies. An indicator is provided to show horizontal stabilizer position either in manual or automatic operation.

(2) The flap lever may be operated to control flap position throughout the full operating range from up to down.

(3) The speed brake lever may be operated to place spoilers, drag devices, and variable aerodynamic fairings in either up or down position.

(4) Each thrust lever is used as a throttle for its respective engine. A thrust reverser lever is included as an adjunct to each lever. The thrust lever and thrust reverser lever interlock to permit reverse on forward idle position only. Stowed and position indicating detents are provided for reverse thrust levers.

(5) Each start lever is used to actuate relays and start switches for its respective engine.

B. Leading Particulars

Length -- 20.5 inches (approximately)
Width -- 11 inches (approximately)
Height -- 24 inches (approximately)
Weight -- 35.5 pounds (approximately)

DISASSEMBLY

1. General

   A. Secure or remove parts that have been loosened or packaged within the assembly for overhaul.

   B. Identify all parts and assemblies, including washers, shims, and spacers, in order to return them to the original position and combination.

   C. Perform tests of TESTING paragraph. Note worn, malfunctioning and questionable parts for subsequent inspection/check and repair or replacement.

2. Components (Fig. 1101)

   A. Remove nuts (1), tie rod (2), screws (2E), lightplates (2A thru 2D), and stabilizer trim wheel assemblies (3). Discard the nuts (1).

   B. Disassemble stabilizer trim wheel assemblies (3):

      (1) Remove nuts (4), washers (5), bolts (6), latch plates (7, 8), and pin (9) from wheel (10).

      (2) Remove rivet (11), handle latch (12), bushing (13), spring (14), and latch release (15); remove retainer ring (16), washer (17), spindle (18), and handle (19).

   C. Disassemble upper mechanism frame assembly (20):

      (1) Remove bolts (21 , 22), screws (23), retainer (24), and seal (25).

      (2) Remove screws (26), retainers (27, 28 , 29), seals (30, 31, 32) and spacer strips (33, 33A).

      (3) Remove bolts (34, 35, 36, 37, 38, 53B), stops (39 , 40), angle (41), thrust-lever cover assembly (42), shim (46) upper right-side cover assembly (47), access plate (53A), and bumper (40A).

         NOTE: Do not remove rivets (43), filler (44), or cover (45) from thrust-lever cover assembly (42); rivets (48, 52, 54), nutplates (49, 50, 53, 55B), cover (51), or flap control detent (55) from upper right-side cover assembly (47) unless repair or replacement is necessary.

(4) Remove bolts (56) and door assemblies (57, 61).

NOTE: Do not remove rivets (58) or nutplates (59) from door (60); or rivets (62), nutplates (63), and doubler (64) from door (65) unless repair or replacement is necessary.

(5) Remove bolts (66) and channel splice assembly (67).

NOTE: Do not remove rivets (68) or rub strips (69) from splice channel (70), and do not remove rivets (71) or nutplates (72, 73, 74) from channel splice assembly (67) unless repair or replacement is necessary.

(6) Remove bolt (75), spacer (76), screws (77, 84F), actuator support channel assembly (78), and support assembly (84C).

CAUTION: TO PREVENT BENDING OR TWISTING, SECURE STABILIZER TRIM JACK ASSEMBLY (135) UNTIL REMOVED.

NOTE: Do not remove rivets (79 or 82), nutplates (80 or 83), or bushings (84, 84A) unless repair or replacement is necessary.

(7) Remove bolts (85, 87).

NOTE: Upper right-side frame assembly (86), except stiffener angle (88), will be removed with an attached portion of control shaft components. Stiffener angle (88) will remain riveted to frame structure (125).

(8) Remove screws (317), cover (314), switch (315) and actuator (316).

D. Disconnect mechanical linkages as follows:

(1) Reach through top of upper mechanism assembly with a long hook and unhook springs of reverse-thrust-detent roller assembly (249).

NOTE: A suitable hook may be made from a coat hanger or similar wire. An overall length of 22 inches, hook of approximate 1/8-inch opening and diameter, and two or three loops of wire on the end opposite the hook to serve as a handle is suggested.

(2) Remove nut (126), washers (127, 127A), and bolt (128). Separate linkages of start lever assemblies (184, 185) from engine start drum components (260 thru 260P).

(3) Remove cotter pins (129), washers (130), and pins (131). Separate stabilizer trim crank (140) from stabilizer trim indicator link assemblies (156, 212).

(4) Remove nut (132), washer (133), bolt (134), and stabilizer trim jack assembly (135). Overhaul stabilizer trim jack assembly according to Subject 27-44-02.

(5) Remove nut (136), bolt (137), and washers (138 and 139).

NOTE: Stabilizer trim crank (140) is now loose but cannot be removed until control shaft components are removed.

E. Disassemble stabilizer wheel shaft and associated components:

(1) Grasp right-side end of stabilizer wheel shaft (141); pull to remove it and parts mounted on it. Tap lightly with a plastic-faced hammer, if necessary to start shaft.

CAUTION: TAP LIGHTLY TO AVOID DAMAGE.

NOTE: One stabilizer wheel (10) may be slipped onto right-side end of stabilizer wheel shaft (141) and temporarily secured with tie rod (2) and nuts (1) to provide a handhold.

(2) Complete the removal of stabilizer wheel shaft (141), bearings (142), spacers (143 and 144), and sprocket (145).

F. Disassemble components mounted on shaft (148) and attached to frame assembly (86):

(1) Remove right-side nut (146), remaining right-side frame assembly (86), key (147), shaft (148), shim (149), stabilizer trim indicator assembly (150), with attached link assembly (156), spacer (159), flap handle assembly (160), bearings (178), and spacer (179).

(2) Remove nut (153), washer (154), and bolt (155), separating stabilizer trim indicator assembly (150) and link assembly (156).

NOTE: Do not remove bearings (151 and 157) from indicator (152) and link (158) respectively unless repair or replacement is necessary.

(3) Disassemble flap handle assembly (160):

(a) Remove pins (161 and 162), handle assembly (163), knob (167), stop (168), and spring (169).

NOTE: Do not remove handle (164), rivet (165), or plug (166); or collars (170) and rivets (171) to separate lever (172) from drum or drum assembly (173); or rivets (174), cam (175) or drum (176) from drum assembly (173) unless repair or replacement is necessary.

G. Disassemble auto throttle switch assembly (177A, 65-77424) as follows:

(1) Remove screws (177B) and washers (177C) and separate items (177D, 177E, 177G thru 177J, 177L, 177N) as a unit.

(2) Remove nuts (177D), screws (177E), and washers (177G, 177H) and separate switches (177J) and actuators (177L) from bracket (177N).

NOTE: Note number and location of washers (177H) to facilitate reassembly.

Do not remove rivets (177P or 177S) and disassemble bracket assembly (177Q), unless repair or replacement of bracket (177T), or replacement of nutplates (177R), is required.

(3) Remove cam (177W) from drum or drum assembly (173) by cutting lockwire and removing bolts (177U) and washers (177V).

NOTE: Do not remove inserts (177 or 177X) from drum or drum assembly (173) unless replacement is required.

H. Disassemble auto throttle switch assembly (177A, 65-77470) as follows:

(1) Remove nuts (177D), screws (177E and/or 177F) and washers (177G) and remove switches (177J), wire bundle (177K or 177Z), actuator(s) (177L and/or 177M) and spacer (177N or 177Y).

NOTE: Do not remove rivets (177P) to separate bracket (177Q), unless repair or replacement is required.

(2) Remove cam (177W) from drum or drum assembly (173) by cutting lockwire and removing bolts (177U) and washers (177V).

I. Disassemble components from shaft (189):

(1) Remove left-side nut (146). Using a suitable dowel, push shaft (189) to the right through bulkhead assembly (109) until thrust lever assembly (180) is free of shaft (189).

NOTE: A suitable dowel may be of hardwood, aluminum, or steel, approximately 12 inches long and 1.25 to 1.30 inches in diameter.

(2) Position thrust handle assemblies (180, 181) to lift free of reverse-thrust-detent roller assemblies (249).

(3) Alternately withdraw dowel and shaft (189); as they become free, remove thrust handle assemblies (180 and 181), two spacers (182), shim (182A), two bearings (183), start system lever assemblies (184, 185), two spacers (186), shim (187), spacer (188), shaft (189), shim(s) (190), speed brake handle assembly (191), spacer (204), bearing (205), shim(s) (206), stabilizer trim indicator assembly (207), and shim (215).

NOTE: Refer to 76-14-11 and 76-18-05 for overhaul of thrust handle assemblies (180, 181) and start lever assemblies (184, 185).

Note thickness, location, and number of shim(s) (190, 206) to ensure proper spacing of parts when reassembling.

Do not remove bearing (208), indicator (209), rivet (210), washer (211), or link assembly (212) from stabilizer trim indicator assembly (207), or link (213) or bearing (214) from link assembly (212).

(4) Disassemble speed brake handle assembly (191):

(a) Remove spring pin (192), handle assembly (193), spring (197), and stop (198).

(b) Remove bolts (199), knob (200), screws (203B) and switch actuator (203A) from handle assembly (193).

NOTE: Do not remove bearing (202) or lever (203) from lever assembly (201) unless repair or replacement is necessary.

J. Remove remaining other-than-engine-control mechanisms as follows.

(1) Slide free-hanging stabilizer trim crank (140) through opening in bulkhead assembly (109), and remove bearings (139A) and spacer (139B).

(2) Remove cotter pin (216), washer (217), pin (218), spacer (219), and stabilizer switch lever assemblies (220 and 223).

NOTE: Do not remove pins (221 or 224) and levers (222 or 225) from stabilizer switch lever assemblies (220, 223), respectively.

(3) Remove bolts (226) and parking brake lever assembly (227). Remove pin (228); separate lever assembly (229) and hinge-half assembly (232).

NOTE: Do not remove pin (230) or lever (231) from lever assembly (229).

Do not remove nutplates (233), rivets (234) or hinge-half (235) from hinge-half assembly (232) unless repair or replacement is necessary.

(4) Remove nuts (236), washers (237), bolts (238 and 239) and cable guards (240).

K. Remove remaining engine engine control components.

(1) Remove screws (241), washers (242) and screws (243), freeing support assemblies (244), shims (248), and reverse-thrust-detent roller assembly (249).

NOTE: Do not remove plate (245), rivets (246), or nutplates (247) from support assemblies (244) unless repair or replacement is necessary.

Do not remove rivets (250) or support (251) from frame structure (124) unless repair or replacement is necessary.

Overhaul reverse-thrust-detent roller assembly (249) according to 76-14-11.

(2) Remove bolts (252) and start-handle detents (253).

NOTE: Do not remove rivets (254) or nutplates (255) unless repair or replacement is necessary.

(3) Remove cotter pin (256), nut (257), and washer (258).

(4) Using suitable dowel, push bolt (259) from engine-start drum components (260 thru 276); keep all parts in place in dowel and remove them from frame assembly (20).

NOTE: A suitable dowel may be of hardwood, aluminum, or steel, approximately 5 inches long and 0.44 to 0.49 inch in diameter.

(5) Push dowel from engine-start drum components (260 thru 276), using bolt (259).

(6) Remove shims (260), spacers (261 thru 264), engine-start drum assemblies (265, 266 or 267) and engine-start switch brackets (268 and 269 or 268A and 269A) with attached parts.

NOTE: Refer to 76-14-11 for overhaul of engine-start drum assemblies (265, 266 or 267)

(7) Remove nut (270), washer (271) and screw (272); separate brackets (268 and 269, or 268A and 269A), switches (273, 274) and actuators (275 and 276).

(8) If installed, remove nuts (268E), washers (268F), screws (268G), switches (268J), switch actuators (268H) and shields (268K).

(9) Unhook spring (285). Remove nut (286), washer (287) and bolt (288). This will free items (289 thru 294).

(10) Remove nut (295), washer (296) and shaft (313). This will free items (296A thru 312). On applicable assemblies, remove lifting arm (299A) by loosening screw (299C).

NOTE: Do not disassemble bonded cam-followers (303) from shaft (313) unless necessary for repair or replacement.

On applicable assemblies, do not remove insert (299B) from lifting arm (299A) unless necessary for repair or replacement.

(11) Remove nuts (318), washers (319), screws (320), switch (321) and actuator (322).

(12) Remove capscrew (323), washer (324) and switch mount (325).

L. Miscellaneous items, such as chain assembly (277) will have been disassembled at time of removal from airplane and might not be included for overhaul. Control cables, although disconnected from the airplane, will probably be attached to their respective control drums. Disassemble as follows:

(1) Cut safety wire and remove flap control cable (278) from flap handle assembly (160).

(2) Cut safety wire and remove thrust control cables (279) from thrust handle assemblies (180, 181).

(3) Remove cotter pins (280) and start control cables (281) from engine start drum assemblies (265, 266 or 267).

M. Complete disassembly of upper mechanism frame assembly (20) as follows:

(1) Strip right-side frame assembly (86).

NOTE: Do not remove rivets (89, 92), nutplates (90, 91), doubler (93), bearing plate (94), or lockwire clip (95) from right-side frame (96) unless repair or replacement is required.

(a) Remove bolt (97) and switch lever support assembly (98) with filler (103).

NOTE: Do not remove rivets (99, 102, 104), nutplates (100, 105), or filler (103) from bracket (101) unless repair or replacement is necessary.

(2) Remove and strip bulkhead assembly (109).

(a) Remove nut (106), bolt (107), and spacer (108).

(b) Remove nuts (110), washers (111), screws (112), bolts (113). Leave support angles (114 and 115) riveted to frame structure (124).

NOTE: Do not remove rivets (116), chain guard (117), and bulkhead (118) from bulkhead assembly (109) unless repair or replacement is necessary.

(3) Strip frame structure (124).

(a) Remove screws (119), wire guard (120), and cable guard assembly (121).

NOTE: Do not remove rivets (122), phenolic strip (123), or bracket (123A) from cable guard assembly (121) unless repair or replacement is necessary.

CLEANING

1. Clean all parts except cables using standard industry practices and informations contained in 20-30-03 and 20-30-01.

2. Clean cables with a dry cloth throughout their length. Immediately coat the entire length, except clad areas, with a minimum quantity of MIL-G-25760 grease sufficient only to produce a continuous visible ribbon of grease in the cable grooves.

   NOTE: Do not apply any solvent for cleaning purposes. Do not thin grease by heating or diluting with solvent.

INSPECTION/CHECK

1. Check all parts for obvious defects in accordance with standard industry practices.

2. Penetrant check per SOPM 20-20-02 -- wheel (10), stabilizer trim crank (140), handle (164), and drums (173 and 176).

3. Magnetic particle check per SOPM 20-20-01 -- tie rod (2) and shafts (148 and 189).

4. Check springs -- Fig. 301.

5. Check cables (278, 279 and 281) as follows:

   A. Examine for breaking, "popping" of core, damaging kinks and excessive wear.

   B. Proof-load check flap control cable, thrust control and start control cables (278, 279 and 281, respectively) at 400 to 425 pounds. Re-examine for breaks.

Index No. Figure 1101	Approximate Free Length (Inches)	Test Length (Inches)	Allowable Load Limits (Pounds)
14	1.30	0.75 0.40	1.03 to 1.27 1.66 to 2.02
169	2.00	1.16 0.75	3.10 to 3.90 4.70 to 5.70
197	1.10	0.72 0.47	1.0 to 2.0 2.0 to 3.0

Spring Check Data
Figure 301

REPAIR

1. Repair

A. General

(1) Remove minor defects and corrosion from metal parts with abrasive cloth, 220 grit or finer. Use care to preserve dull-matte finish of plated or stainless surfaces. Refinish as necessary.

(2) Repair minor defects in threaded areas with triangular file or thread chaser.

(3) Correct minor deformation of parts such as denting, twisting, or bending using standard shop procedures provided that no structural weakness occurs, and provided that no binding or interference occurs in operation of that part alone or in conjunction with others. Refinish as necessary.

B. Components (See figure 1101.)

(1) If bonding of doublers (64) to door (65) has failed, renew bonding using adhesive, type 44, per Subject 20-50-12.

2. Refinish (See figure 1101.)

NOTE: Refer to Subject 20-30-02 for stripping of protective finishes, and to Subject 20-41-01 for decoding of F and SRF finish symbols and their BAC equivalents.

A. If plated, painted, or stainless steel dull-matte surfaces of any parts listed below are worn or chipped, apply finish as follows:

NOTE: Mask or remove nutplates and bearings, if applicable. Protect dry-lubricated areas to avoid contamination.

(1) Tie rod (2) -- Apply F-1.1913 all over.

(2) Latch Plates (7 and 8), Latch Release (15), and Spindle (18) -- Apply F-1.912 all over; apply F-14.97 except where F-19.10 is specified in figure 401. Hold indicated dimensions after finishing.

(3) Pin (9) -- Apply F-1.912 plus F-19.10 all over. Hold 0.187- to 0.188-inch diameter and 1.21- to 1.23-inch length after finishing.

(4) Wheel (10) -- Apply following finishes as indicated in Fig. 401:

(a) Nonspecular black modified urea formaldehyde thermosetting plastic per Specification P-30, Barber Webb Co., Los Angeles, California, or nonspecular black ethyl cellulose as manufactured by Pyroxylin Products Inc., Chicago, Illinois. Apply coat by Pisanko Method of Specialized Coating Inc., Chicago, Illinois. Coating should be 0.01 to 0.03 inch thick. Feather edge of plastic coating for approximately 0.3 inch where it meets a noncoated machined surface.

(b) White modified urea formaldehyde thermosetting plastic coating, 0.01 to 0.03 inch thick, to indicated area.

(5) Handle latch (12) -- Apply F-19.10 to wearing surfaces between ears. Hold dimension of 0.156 to 0.160 inch between ears after finishing.

(6) Bushing (13) -- Apply F-19.10 to outsidee diameter surface. Hold 0.143- to 0.153-inch diameter after finishing.

(7) Spring (14) -- Apply F-1.20 all over. Bake at 350 to 400°F for 3 hours after plating.

(8) Latch release (15) -- Apply F-1.912 all over. Hold dimensions after finishing as indicated in Fig. 401.

(9) Washer (17) -- Apply F-1.20 all over. Hold thickness within 0.058 to 0.068 inch and inside diameter within 0.50 to 0.51 inch.

(10) Upper mechanism frame assembly (20) -- Apply F-14.907 to all exterior surfaces which will be visible from cockpit, including screw heads and rivets. Omit finish from wheels, knobs, indicators, nameplates, and surfaces already decoratively finished.

(11) Seal retainers (24, 27, 28, 29), thrust handle stops (39, 40), angle (41), filler (44), cover assembly (51), access plate (53A), upper left door (60), splice channel (70), channel (81), support (84D), stiffener angle (88), doubler (93), upper right side frame (96), support angles (114, 115), chain guard (117), bulkhead (118), bracket (118B), frame structure (124), spacer (177N), brackets (177N, 177Q, 177T), spacer (177Y), plate (245), shim (248, 65-45125-7), support (251), retainer (290) -- Apply SRF-2.30 all over.

(11A) Plate (51A), arm (299), cam follower (304), mount (325) -- Apply F-1.1929 and SRF-12.205, except omit primer in threaded holes and splines.

(11B) Detent (55) (65-51549-8,-9,-10 only) -- Chrome plate to a matte finish (F-14.111) all over.

(12) Cover Assembly (45) -- Cadmium plate (F-1.20) all over.

(13) Bearing Plate (94) -- Chemical treat or chromic acid anodize and apply BMS 10-11, Type 1 primer (SRF-2.30) all over except to 1.563-inch diameter shaft hole.

(14) Bracket (101) -- Anodize and apply MIL-L-46010 solid film lubricant (F-2.14) all over.

(15) Bolt (137) -- Cadmium plate (F-1.20) all over. Hold diameter to 0.1854 to 0.1880 inch before plating and 0.1860 to 0.1890 inch after plating.

(16) Stabilizer Trim Crank (140) -- Anodize or chemical treat and apply BMS 10-11, Type 1 primer (SRF-3.30) all over except in 0.6248-inch diameter bearing bores.

(17) Stabilizer Wheel Shaft (141) -- Cadmium plate and apply BMS 10-11, Type 1 primer (F-1.61) all over, except 0.0002 to 0.0003 inch thick. Omit plating on major diameter of splines.

(18) Sprocket (145) -- On 6-63629-2000, cadmium plate or cadmium-titanium plate and apply BMS 10-11, Type 1 primer (F-1.30) all over, except 0.0002 to 0.0003 inch thick. On 69-73201-1, -2, cadmium plate (F-15.02) and apply BMS 10-11, Type 1 primer (F-20.02), except omit primer from internal splines and gear teeth (outside 5.00 in. dia).

(19) Nut (146) -- Cadmium plate or cadmium-titanium plate and apply BMS 10-11, Type 1 primer (F-1.30) plus two coats lacquer, per TT-L-20, flat gray number 36251, Federal Standard 595. Omit finish from threads.

(20) Key (147) -- Cadmium plate (F-1.20) all over, except 0.0002- to 0.0003-inch single plating thickness. Hold cross-section dimensions to 0.1551- to 0.1559-inch square before plating; 0.1555- to 0.1565-inch square after plating.

(21) Shaft (148) -- 69-1977-1, cadmium plate (F-1.20), 69-76357-2, cadmium plate (F-15.06), except 0.0002- to 0.0003-inch plating thickness per SOPM 20-20-01. Hold shaft OD to 1.5601 to 1.5609 inches before plating and 1.5605 to 1.5615 inches after plating.

(22) Indicator (152 and 209) and Links (158 and 213) -- Chemical treat and apply BMS 10-11, Type 1 primer (SRF-2.31) all over, except no primer in bearing bore.

(23) Stabilizer Trim Indicator Assembly (150 and 207) and Link Assembly (156) --

(a) Apply BMS 10-11, Type 1 primer (SRF-12.205) to areas not previously primed plus two coats lacquer all over, per TT-L-20, flat black color 37038, Federal Standard 595.

NOTE: Protect bearings from primer or lacquer.

(b) Apply lacquer per TT-L-20, flat white color 37875, Federal Standard 595, to extreme tip and approximate 1/4-inch beveled surface of pointer.

(24) Spacers (159, 179, 182, 186, 188, 204), cam (177W, 65C14023-2) -- Apply F-2.20 all over.

(25) Handle assembly (163) -- Apply F-1.803, except 0.001-inch minimum coating thickness, to interior surfaces only. Apply dull-matte finish, dry abrasive blast, to exterior surfaces using 180 or finer garnet, aluminum oxide, or silicon carbide grit. Apply PA-1 white (alkyd) nylon baking enamel, BA-G8S-1, Sun Chemical Corporation, Nutley, New Jersey, to surfaces indicated in Fig. 401.

NOTE: Refer to 20-30-03 for general dry blasting procedures.

Do not remove plug (166).

The assembly must be visibly free of rust, dirt, or other contaminants before finishing.

(26) Knob (167) -- Apply lacquer per TT-L-20, flat black color 37038, Federal Standard 595, to fill letters.

(27) Stop (168) -- Apply F-1.191 all over.

(28) Spring (169) -- Apply F-1.92 all over except omit primer. Bake at 350-400°F for 3 hours after plating.

(29) Lever (172) -- Apply F-1.20 plus F-19.10 all over.

NOTE: Protect dry-lubricated surface to avoid contamination.

(30) Drum (173), retainer (310), arm (312) -- Apply F-2.30 all over except in groove and splines.

(31) Flap position indicator cam (175) -- Apply F-2.30 all over except on cam friction (internal) surfaces.

(32) Drum (176) -- Apply F-2.93 all over except in groove.

(33) Shaft (189) -- Apply F-1.611 all over, except 0.0002-0.0003 inch thick. Omit primer on interior machined surface of threaded end, approximately 1 inch deep. Hold shaft OD to 1.5061-1.5069 inches before plating and 1.5605-1.5615 inches after plating.

(34) Handle assembly (193) -- Apply matte chromium plate all over except as noted in Fig. 401. Apply PA-1 white alkyd nylon baking enamel (BA-G8S-1, Sun Chemical Corporation, Nutley, New Jersey) and dry film lube (F-19.10) to surfaces indicated in Fig. 401.

(35) Compression spring (197) -- Apply F-1.20 all over. Bake at 350 to 400°F for 3 hours after plating.

(36) Stop (198) -- Apply F-1.1911 all over.

(37) Knob (200) -- Apply lacquer per TT-L-20, flat black color 37038, Federal Standard 595, to fill letters.

(38) Lever (203) (65-21898-10) -- Apply F-2.20 all over, except dry lubricated areas, plus finish indicated in Fig. 401.

Lever (203) (65-21898-13) -- F-17.04 all over, except dry lubricated areas. F-17.06 dry lubricated areas plus BMS 3-8 dry lubricant.

(38A) Actuator (203A) -- Apply F-17.04 all over.

(39) Stabilizer switch lever assembly (220, 223) -- Apply dull-matte finish, dry abrasive blast, all over. Use 180 or finer garnet, aluminum oxide, or silicon carbide grit for dry blasting.

NOTE: The part must be visibly free of rust, dirt or other contaminants before finishing.

Refer to 20-30-03 for general dry blasting procedures.

(40) Lever assembly (229) -- Apply dull-matte finish, dry abrasive blast, all over, plus finish indicated in Fig. 401. Use 180 or finer garnet, aluminum oxide, or silicon carbide grit for dry blasting.

NOTE: The part must be visibly free of rust, dirt or other contaminants before finishing.

Refer to 20-30-03 for general dry blasting procedures.

(41) Start handle detent (253, 69-26858-2) -- Apply SRF-12.205 plus SRF-14.907 except on edges of forward and aft detents and circumferential edge between.

(42) Start handle detent (253, 69-36643-1) -- Apply dull-matte finish, dry abrasive blast, all over. Use 180 or finer garnet, aluminum oxide, or silicon carbide grit for dry blasting.

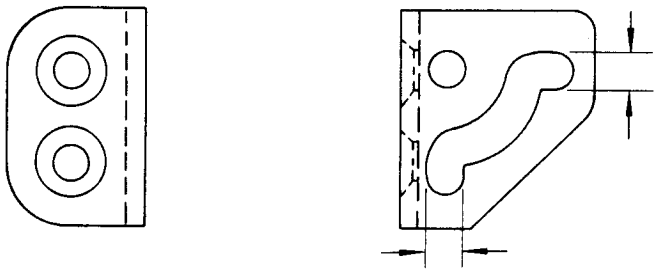
NOTE: The part must be visibly free of rust, dirt or other contaminants before finishing.

Refer to 20-30-03 for general dry blasting procedures.

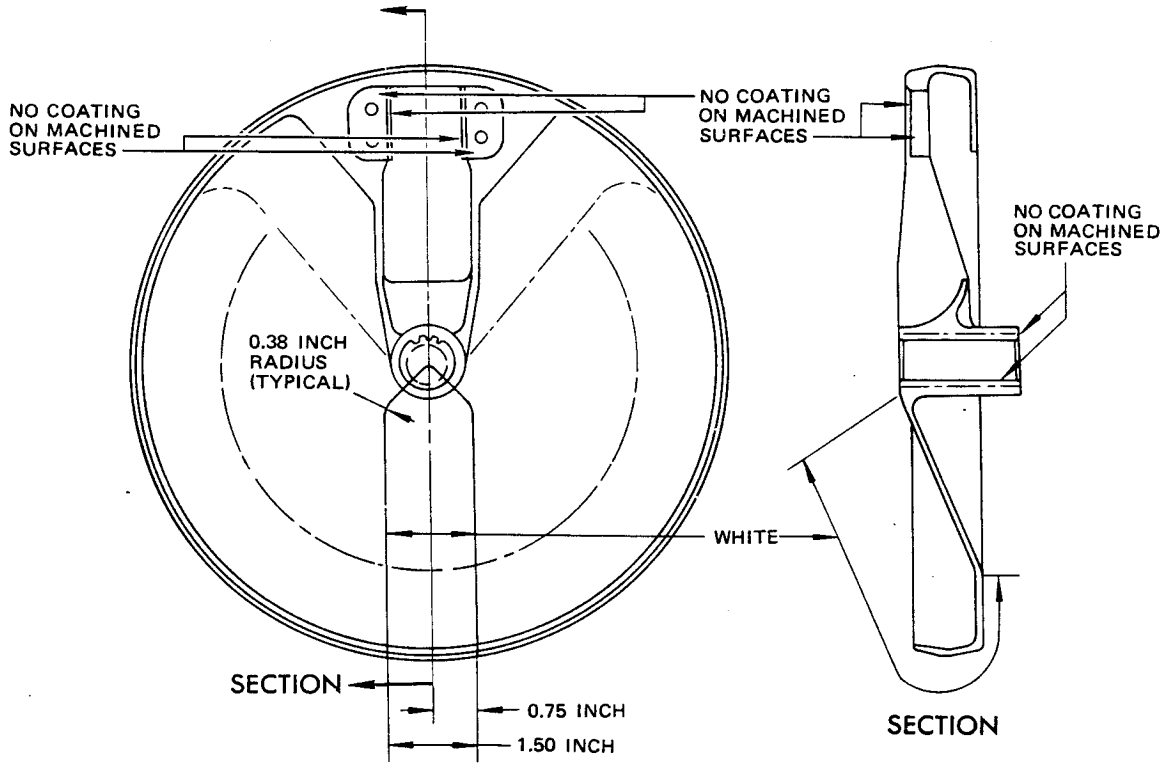
(43) Drum support bolt (259) -- Apply F-1.61 all over, except 0.0002- to 0.0003-inch thickness.

(44) Engine-start switch brackets (268, 268B, 269, 269B) -- Apply SRF-2.30 all over, except no primer in bearing bore or grooves, or on faying surfaces.

(45) Shaft (313) -- Apply F-15.03 to 0.365-0.368 DIA (after plate) on end of shaft, up to shoulder. Apply F-1.1930 to all remaining area.



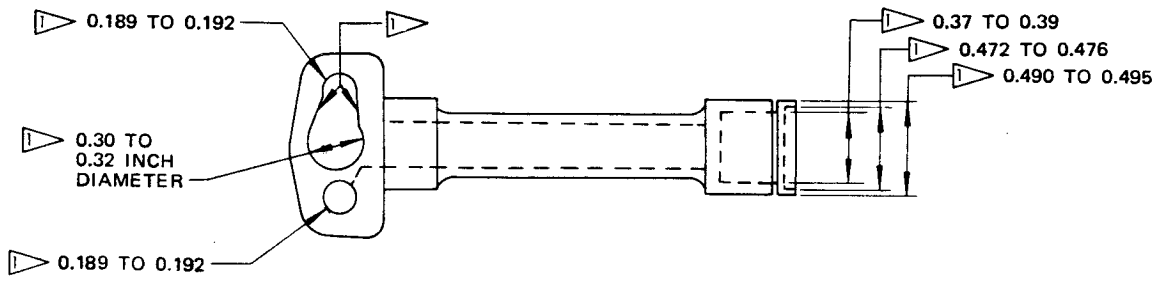
LATCH PLATES (7 AND 8)

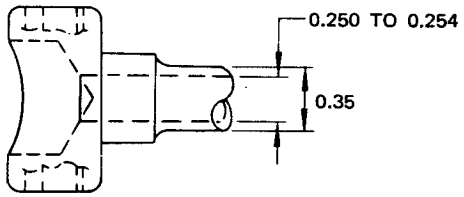


APPLY BLACK FINISH ALL OVER EXCEPT AS NOTED,
PLUS WHITE FINISH ON SURFACE INDICATED

NOTE: ITEM NUMBERS REFER
TO FIGURE 1101

WHEEL (10)

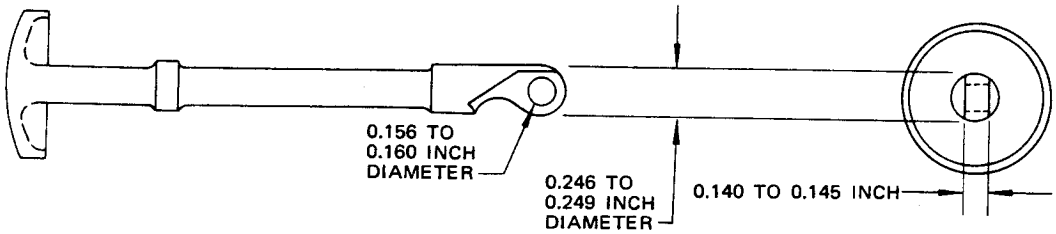




APPLY F-19.10

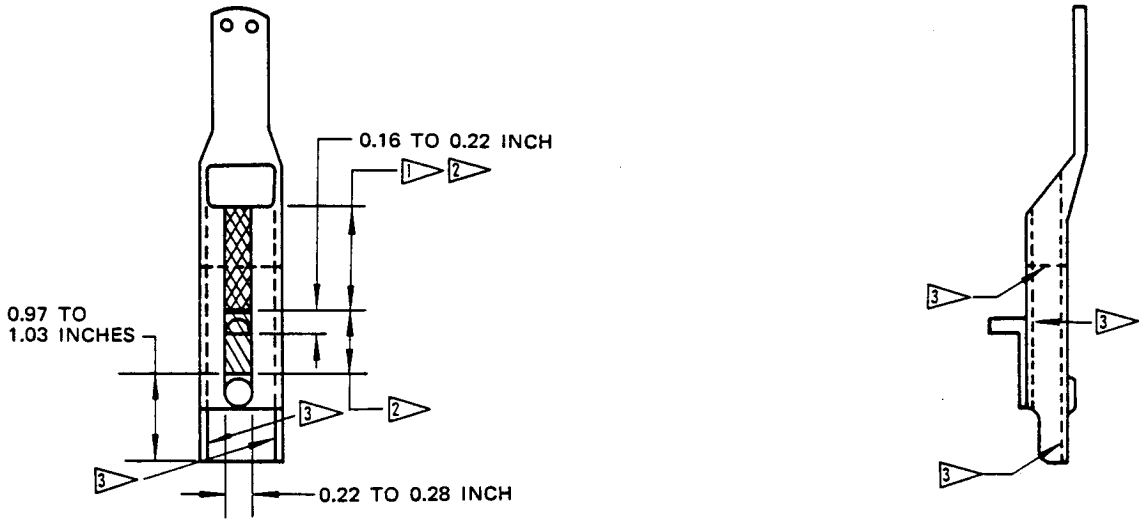
NOTE: ALL DIMENSIONS IN INCHES

SPINDLE (18)



LATCH RELEASE (15)

NOTE: ITEM NUMBERS REFER TO FIGURE 1101

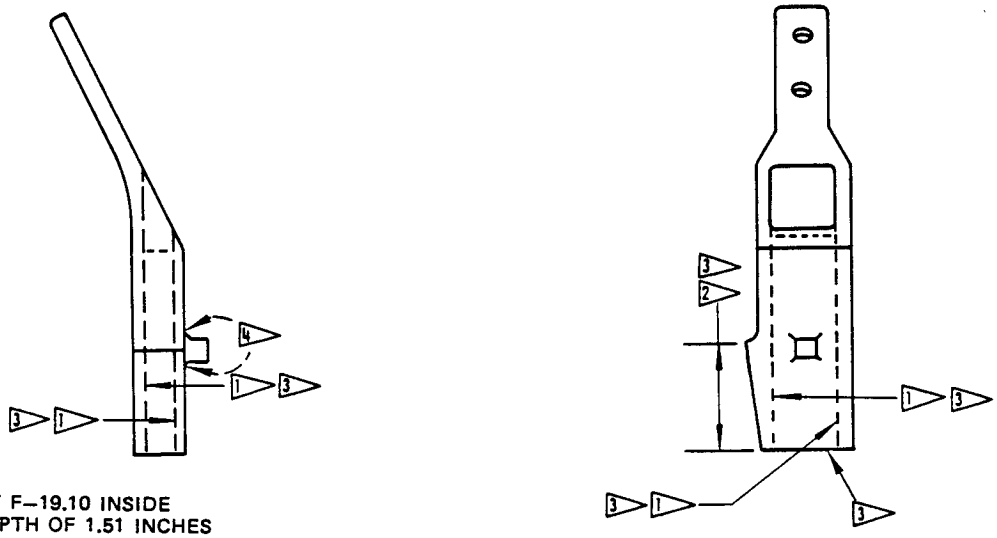


1 APPLY BA-G8S-1 TO NEAR SIDE

2 APPLY BA-G8S-1 TO FAR SIDE

3 APPLY F-19.10

HANDLE ASSEMBLY (163)



1 APPLY F-19.10 INSIDE TO DEPTH OF 1.51 INCHES

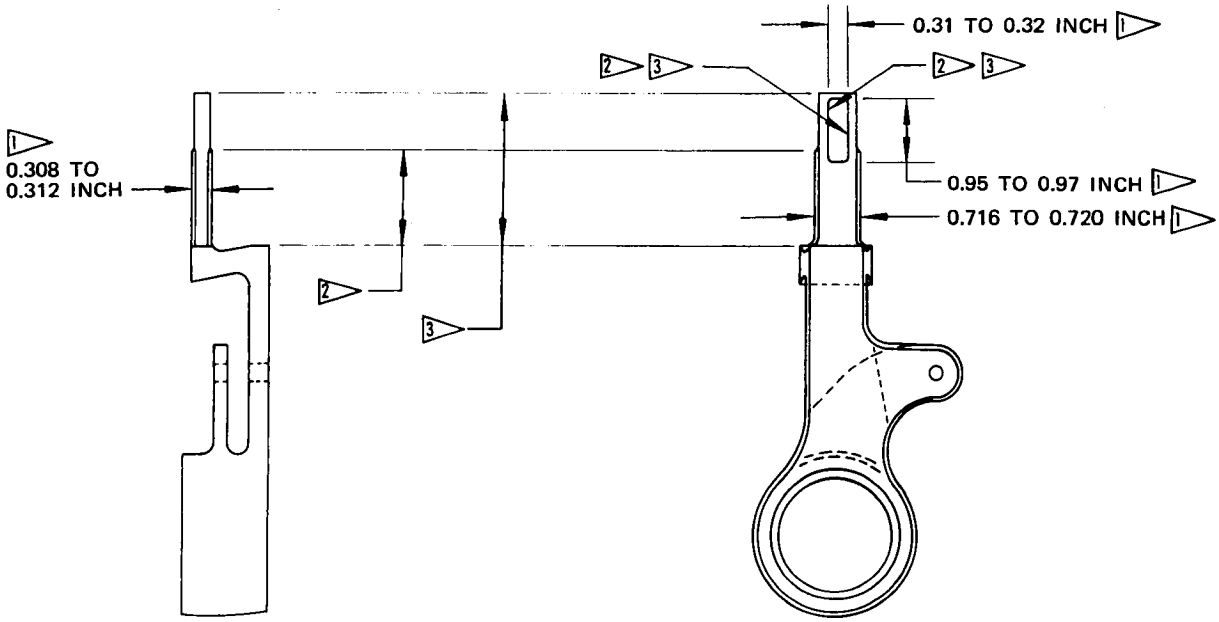
2 APPLY BA-G8S-1

3 DO NOT CHROME PLATE THIS SURFACE

4 LIQUID SALT BATH NITRIDE FOR MAXIMUM ALLOWED TIME THIS AREA ONLY

NOTE: ITEM NUMBERS REFER TO FIGURE 1101

HANDLE ASSEMBLY (193)

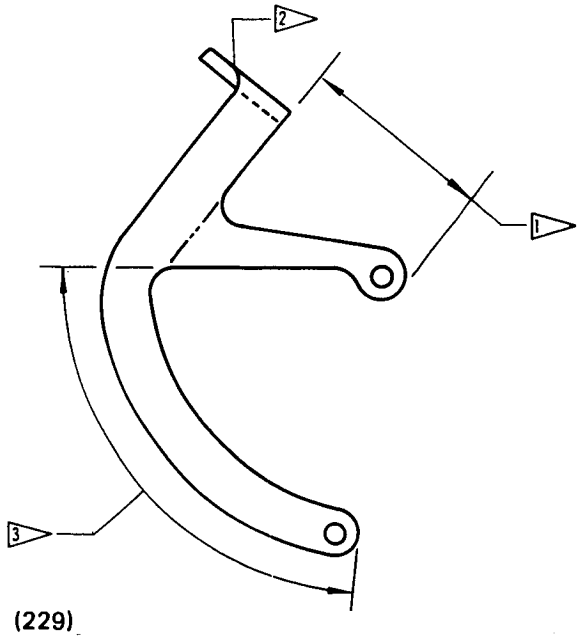


1 HOLD TO DIMENSIONS SHOWN AFTER APPLYING F-2.204, BUT PRIOR TO F-19.10

2 APPLY F-2.204, EXCEPT 0.002 TO 0.003 INCH THICK

3 APPLY F-19.10

LEVER (203)



1 APPLY F-8.22

2 APPLY LACQUER PER TT-L-20, FLAT BLACK 37038, FEDERAL STANDARD 595, TO RESTORE LETTERING

3 APPLY SRF-12.205 PLUS 2 COATS LACQUER PER TT-L-20, FLAT RED 31136, FEDERAL STANDARD 595

NOTE: ITEM NUMBERS REFER TO FIGURE 1101

LEVER ASSEMBLY (229)

3. Replacement (Fig. 1101)

NOTE: Not all parts bearing the same part number are interchangeable. Nominally identical spacers and shims, when reused, should be returned to original location, and , when renewed, should be fit and tried to ensure that cumulative tolerances do not impair use of the control stand upper mechanism assembly.

A. Replace all parts found worn or damaged beyond simple repair.

B. To replace any nutplate, carefully remove rivets; replace nutplate with new like-kind nutplate and rivets, using standard shop procedures.

C. Doubler (64) -- Pry off with a sharp-edged wood or plastic scraper, clean surface and apply adhesive, Type 44, per SOPM 20-50-12 and install new doubler.

D. Bushings (84 or 84A) -- Swage bushing in place with staking tool, ST922C4 or equivalent. Ream to 0.285-0.286-inch diameter hole.

NOTE: Ream with actuator channel support assembly (78) bolted in place for alignment.

E. Bearing (157, 208 or 214, 202) -- Apply BMS 10-11, Type 1, to bearing bore in related indicator (152 or 209) or link (158 or 213), or lever (203). Install bearing while primer is still wet, and roller swage per SOPM 20-50-03.

F. Bearing (151) -- Apply grease MIL-G-23827 per SOPM 20-50-03.

G. Replace any control cable (278, 279, or 281) which has kinks or broken wires, or which exhibits excessive wear.

H. Bearings (139A) -- Install per SOPM 20-50-03.

I. Replace inserts (177, 177X) by inserting 1/4 to 1/2 turn below surface of drum or drum assembly (173), and removing tang.

ASSEMBLY

1. General

   A. When components are replaced, related washers or shims noted for use "as required" in the illustrated parts list will have to be determined on a try-fit basis.

2. Components (See figure 1101.)

   A. Assemble upper mechanism frame assembly (20) as follows:

      (1) Position cable guard assembly (121) and wire guard (120); install screws (119).

      (2) Place bulkhead assembly (109) and install bolts (112 and 113), washers (111), and nuts (110). Position spacer (108) and install bolt (107) and nut (106).

      (3) Position switch lever support assembly (98) with filler (103) and install bolt (97).

   B. Position start control cables (281), thrust control cables (279), and flap control cables (278) with ball cable-terminal in drum recess provided, so that the "A" end of each passes aft and the "B" end passes forward from the ball cable-terminal. Secure start control cable (281) in place with cotter pins (280). Using safety wire MS20995C32 or equivalent, secure remaining cables.

      (1) Thrust control cables (279) -- Pass each end of a short piece of safety wire from the top through each hole provided so that a continuous piece of wire crosses the cable and the ends protrude through the inside circumference. Make three to six twists to fasten. Adjust and clip the twisted ends to avoid interference.

(2) Flap control cables (278) -- Pass each end of a short piece of safety wire from one side through each of the pair of in-line holes to the other side. Secure by three to six turns, double-twist method and clip.

CAUTION: USE CARE TO AVOID KINKING AND DAMAGING CABLE DURING ASSEMBLY. AFTER ASSEMBLY COIL INTO LOOPS OF 14-INCH MINIMUM DIAMETER. SECURE WITH PRESSURE SENSITIVE TAPE.

NOTE: Chain assembly (277) cannot be assembled prior to installation in airplane. Upon completion of overhaul, include properly packaged chain assembly with control stand upper mechanism assembly for later installation.

C. Install engine control components as follows:

(1) Assemble engine-start drum components.

(a) Align four switches (273) with four actuators (275), or two switches (273) and two switches (274) with two actuators (275) and two actuators (276); install brackets (268 and 269), screws (272), washers (271), and nuts (270).

NOTE: When actuators (275 and 276) are used in combination, mate with switches as noted in Illustrated Parts List.

(b) If used, install switches (268J), switch actuators (268H) and shields (268K) with screws (268G), washers (268F) and nuts (268E). Each shield is clamped between switch (268J) and switch actuator (268H).

(c) Position shim (260) and spacer (264) on bolt (259); insert through start switch bracket (268 or 268A). Position spacer (262) left-side engine-start drum assembly (265, 266 or 267), spacer (263), right-side engine-start drum assembly (265, 266 or 267), and spacer (262) on bolt (259); then insert bolt (259) through start switch bracket (269 or 269A) and assemble spacer (261), shim (260), washer (258), and nut (257).

(2) Install engine-start drum components.

(a) Remove cotter pin (256), nut (257) and washer (258), temporarily installed.

(b) Use suitable dowel to position parts and push bolt (259) from components (260 thru 276). Keep all parts in place on dowel for installation as indicated below.

(c) Push bolt (259) into place through frame and through engine-start components to displace dowel. Install washer (258), nut (257), and cotter pin (256).

(3) Install start-handle detent (253) and bolts (252).

(4) Install reverse-thrust-detent roller assemblies (249) and related components as follows:

(a) Position detent roller assemblies (249), shims (248), as required, and support assemblies (244); loosely install screws (241) with washers (242), then screws (243).

(b) Place detent roller assembly (249) in midpoint adjustment position and tighten screws (241, 243).

D. Install remaining other-than-control-shaft components as follows:

(1) Position cable guards (240), bolts (238, 239), and washers (237); thread nuts (236) in place and tighten.

(2) Install switch (321) as follows:

(a) Thread set screw (326) into switchplate (51A) 6.5-7.5 turns.

(b) Assemble switch (321), actuator (322), switch mount (325) with screws (320), washers (319) and nuts (318).

(c) Center slot in switch mount over threaded hole in switchplate and install capscrew (323).

(3) Assemble items (289 thru 294) in order shown while installing bolt (288), washer (287) and nut (286). Adjust quantity of washers (291, 292) to obtain 0.01-0.03-inch clearance between end of inner cable guard (294) and side of thrust handle (181).

(4) Assemble items (296A thru 312) in order shown while installing shaft (313), washer (296) and nut (295).

(a) Adjust quantity of washers (297, 298) and (300, 301) adjacent to lifting arm (299) to make end of finger on lifting arm flush with indicator plate (65C10043-1) on frame assembly (20) within $\pm$ 0.02 inch. Apply grease, MIL-G-23827B, to washers (297, 298), bushing (296A), and large end of shaft (313).

(b) Adjust quantity of washers (300, 301) adjacent to cam followers (303), to align centerline of bearings (305) with centerline of cam face within $\pm$ 0.02 inch.

(c) Attach spring (285) to retainers (290, 310).

(5) Assemble lever assembly (229), hinge-half assembly (232), and pin (228). Position parking brake lever assembly (227) and install bolts (226).

(6) Position stabilizer switch lever assemblies (220, 223) with spacer (219) and install with pin (218), washer (217) and cotter pin (216).

(7) Slide stabilizer trim crank (140) through opening in bulkhead assembly (109).

E. Assemble control shaft components as follows:

(1) Speed brake handle assembly (191).

(a) Position knob (200) on handle (196) and install bolts (199).

(b) Position spring (197) on stop (198) and place them in handle assembly (193); position handle assembly (193) on lever assembly (201) and install pin (192).

(c) Install switch actuator (203A) with screws (203B).

(2) Flap handle assembly (160).

(a) Position knob (167) on handle assembly (163) and install pins (161).

(b) Position spring (169) on stop (168) and place them in lever (172); position handle assembly (163) on lever (172) and install pin (162).

(c) Install cam (177W) on drum or drum assembly (173), using bolts (177U) and washers (177V). Do not tighten to final torque until after rigging has been completed.

(d) On auto throttle switch assembly (177A, 65-77424), install switches (177J) and actuators (177L) to bracket (177N) using screws (177E), washers (177G) and nuts (177D). Use washers (177H) if and as required to center switches (177J), as noted in Disassembly.

(e) Install components assembled in preceding step to bracket assembly (177Q), using screws (177B) and washers (177C).

(f) On auto throttle switch assembly (177A, 65-77470), install switches (177J), wire bundle (177K or 177Z), actuator(s) (177L and/or 177M), and spacer (177N or 177Y) to cover assembly (47) using screws (177E and/or 177F), washers (177G), and nuts (177D).

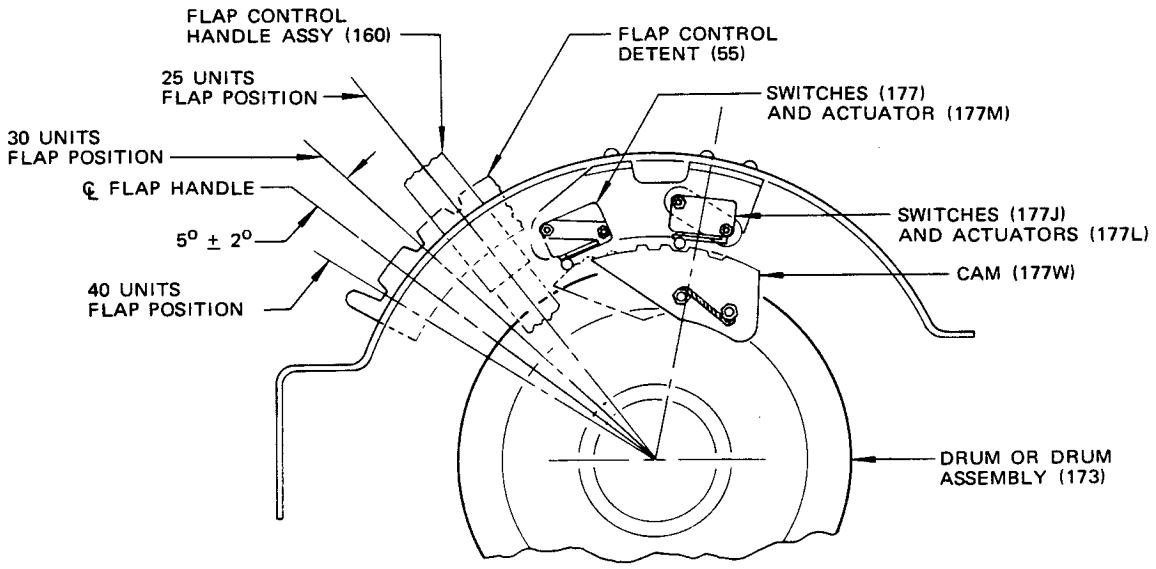
(g) Rig switches (177J) as follows (Fig. 501):

1) On assembly 65-77424, place flap control handle assembly (160) in detent (55) at 25 unit position and adjust cam (177W) so switch actuators (177L) are centered in the middle cam detent.

2) On assembly 65-77470-1, same as step 1) above, plus adjust switches (177J) to obtain switch actuation at each raised portion of cam (177W). Check that switch (177J) closest to drum or drum assembly (173) actuates with the flap handle (160) approximately half way between 10 to 15 units, 15 to 25 units and 25 to 30 units. Adjust switch (177J) vertically, if necessary.

3) On assembly 65-77470-2, locate center of flap handle (160) 5 ±2 degrees beyond the 30 unit position, and adjust cam (177W) and switch actuator (177M) so that switch roller will actuate on surface of cam nearest flap handle.

4) On assembly 65-77470-3, adjust cam (177W) and switches (177J) so that switch actuators (177L) actuate per instructions for assembly 65-77470-1 (Ref step 2)). With flap handle (160) located as in step 3) adjust switch actuator (177M) to meet the requirements for assembly 65-77470-2 (Ref step 3)).



ASSY 65-77470-3 SHOWN

5) On assembly 65-77470-4, position flap handle 3-7 degrees aft of the 30 unit flap position. Adjust cam (177W) and switch (177J) so that switch actuates on aft surface of cam.

(h) After rigging, tighten fasteners to final torque and lockwire heads of bolts (177U) in position with lockwire, MS20995C32, or equivalent, using double twist method.

(3) Position stabilizer trim indicator assembly (150) on link assembly (156); install bolt (155), washer (154), and nut (153).

F. Assemble components onto shaft (189) as follows:

NOTE: Return all shims and spacers to positions noted during disassembly to maintain necessary clearance and alignment.

(1) Unhook springs of reverse-thrust-detent roller assembly (249).

(2) Push suitable dowel part way through left-side frame structure (124). Thread left-side shaft components onto dowel as follows: shim (215), stabilizer trim indicator assembly (207), shim(s) (206), bearing (205), spacer (204), speed brake lever assembly (191) and shim(s) (190).

(3) Insert shaft (189) part way through opening in bulkhead assembly (109); thread spacer (188) and shim (187) onto shaft-end.

(4) Alternately thread onto shaft (189) and dowel, one each of paired parts as follows: spacers (186), start system lever assemblies (184, 185), bearings (183), spacers (182), and thrust handle assemblies (180, 181). Install shim (182A) between thrust handles.

(5) Push shaft (189) through parts threaded onto dowel, displacing dowel. Install key (147) to mate shaft (189) with frame structure (124); attach nut (146) and tighten it to 200-300 lb-in. torque. Wire nut (146) to lockwire clip (95) with safety wire, MS20995C32, or equivalent.

(6) Check protrusion of shaft (189) from outer (bearing plate) face of frame structure (124). Shaft (189) should extend 0.18 to 0.31 inch into nut (146).

(7) Check clearance between frame structure (124) and speed brake handle assembly. Clearance should be as shown in Fig. 502.

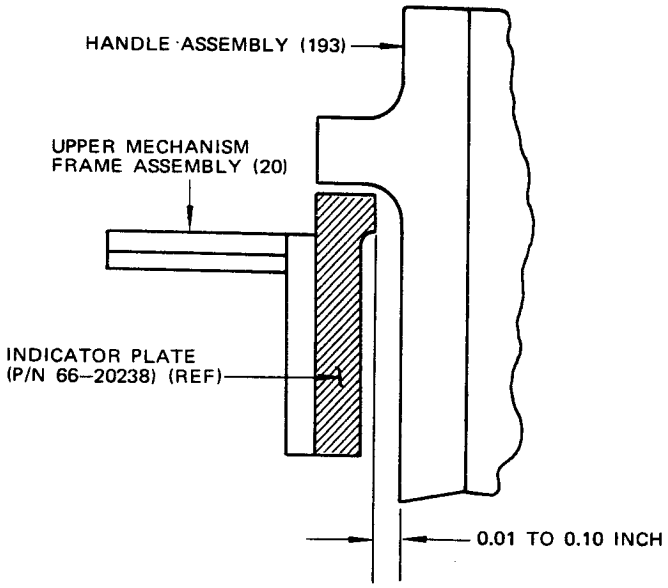
NOTE: If clearance specified above has not been obtained, use shims (187, 190 and 206), as required, to obtain proper clearance.

G. Assemble components onto shaft (148) and into shafts (148 and 189) as follows:

(1) Assemble onto shaft (148): bearings (178), spacer (179), flap handle assembly (160), spacer (159), stabilizer trim indicator assembly (150) with attached link assembly (156), and shim (149).

(2) Position key (147) and shaft (148), with assembled components, in frame assembly (86). Install nut (146) and tighten to 200-300 pound-inches torque. Wire nut (146) to lockwire clip (95) with safety wire, MS20995C32, or equivalent.

(3) Place sprocket (145), adjacent bearing (142), spacers (143 and 144), and remaining bearings (142) onto stabilizer wheel shaft (141). Push the long end of stabilizer wheel shaft (141) with bearing (142) and spacer (143) into shaft (189) to properly locate sprocket (145). Push right-side frame assembly (86) with attached shaft (148) and associated parts into place, seating shaft (148) over right-side bearings (142) and spacer (144). Install bolts (85 and 87) to fasten right-side frame assembly (86) in place. Position channel splice assembly (67) in frame assembly and install bolts (66).



Speed Brake Handle Installation Clearance
Figure 502

H. Install and connect linkages as follows:

(1) Position forks of start system lever assemblies (184, 185), install bolt (128), washers (127, 127A), and nut (126).

(2) Install bearings (139A) and spacer (139B), and position stabilizer trim crank (140); install washers (138, 139), bolt (137) and nut (136). Connect stabilizer trim crank (140) to stabilizer trim indicator assemblies (150, 207) with pins (131), washers (130), and cotter pins (129).

(3 Position stabilizer trim jack assembly (135). Install bolt (134), washer (133), and nut (132).

CAUTION: TO PREVENT BENDING OR TWISTING, SECURE STABILIZER TRIM JACK ASSEMBLY (135) UNTIL ACTUATOR SUPPORT CHANNEL ASSEMBLY (78) IS INSTALLED.

(4) Position thrust handle assemblies (180, 181); engage reverse-thrust-detent roller assemblies (249) into drum detents of thrust handle assemblies (180, 181). Reach through top of control stand upper mechanism assembly with long hook; catch springs of reverse-thrust-detent roller assemblies (249) and hook onto roller arms in operating position.

I. Complete assembly of upper mechanism frame assembly (20) as follows:

(1) Position actuator support channel assembly (78) and stabilizer trim jack assembly (135) and install screws (77). Install spacer (76) and bolt (75).

(2) Install support assembly (84C) with screws (84F).

(3) Position door assemblies (57, 61) and install bolts (56).

(4) Position cover assembly (47), thrust-lever cover assembly (42), shim (46), angle (41), and thrust handle stops (39 and 40); install bolts (38, 37, 36, 35, 34).

(5) Position spacer strips (33, 33A), seals (32, 31, 30), and retainers (29, 28, 27); install screws (25). Check for 0.01-0.04 in. clearance between thrust handle assemblies (180, 181) and spacer strips.

(6) Position seal (25) and retainer (24); install screws (23) and bolts (21, 22).

(7) Install actuator (316), switch (315), cover (314) and screws (317).

J. Assemble stabilizer trim wheel assembly (3) as follows:

(1) Position handle (19) and washer (17) on spindle (18) and install retainer ring (16).

(2) Position handle latch (12) in spindle (18). Position spring (14) on latch release (15); install bushing (13) and insert latch release (15) into spindle (18). Align latch release (15) and handle latch (12); install rivet (11) to pass through ears of handle latch (12) and engage bushing (13) in latch release (15).

(3) Position latch plates (7, 8); install bolts (6). Position handle component and install pin (9).

K. Position stabilizer trim wheel assemblies (3) on stabilizer wheel shaft (141) so that handles are at an angle of 75-105 degrees to each other. Insert tie rod (2) and install new nuts (1). Torque nuts (1) to 60-70 lb-in. A minimum of two threads of the tie-rod (2) must show beyond the nylon locking element of the nuts.

L. Install lightplates (2A thru 2D) with screws (25).

(1) Adjust lightplate (2A) so that centerline down mark aligns with arrow indicator on aft face of speed brake handle (191).

(2) Adjust stabilizer trim lightplates (2C, 2D) so that indicator pointer aligns with No. 3 unit mark, within the width of the indicator mark on both lightplates.

M. Install access plate (53A) with screws (53B).

N. With speed brake handle (191) in detent position, adjust set screw (328) to provide 0.01-0.02-inch clearance between bearings (305) on cam followers (303) and surface of drums on thrust handles (181).

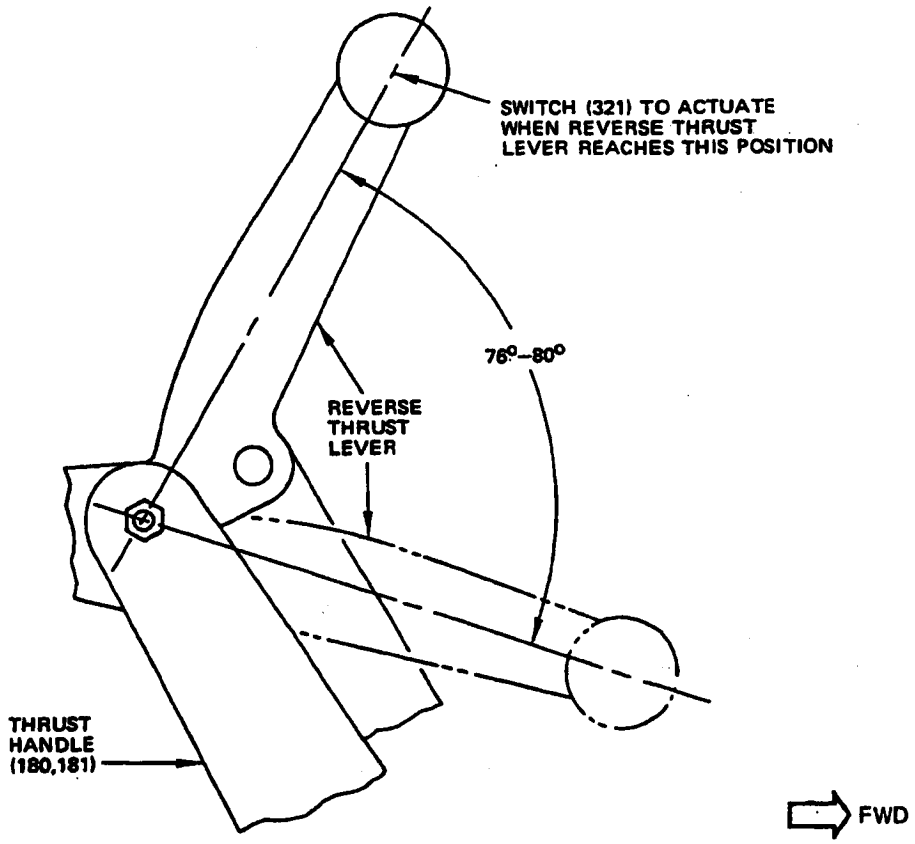
O. Adjust switch (315) to actuate when speed brake handle (191) is in full down detent position.

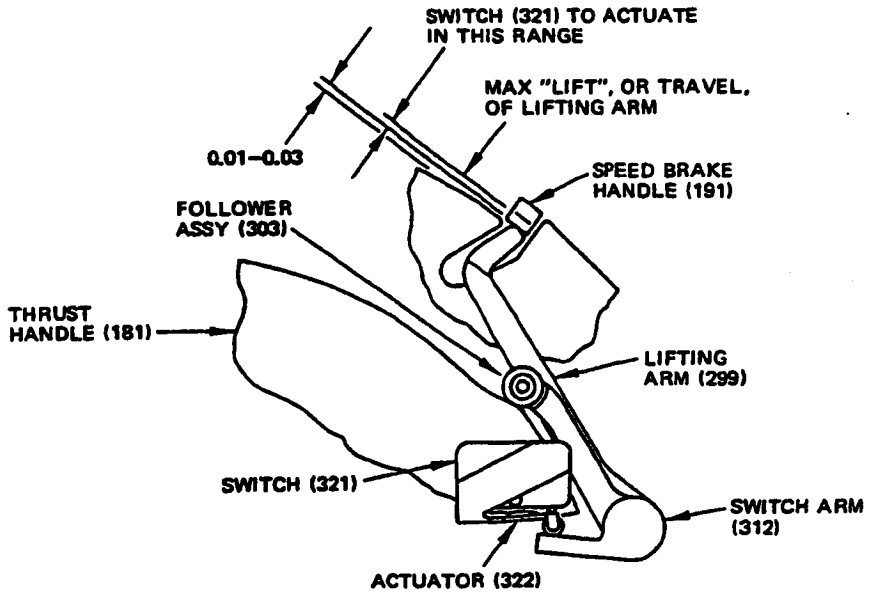
P. Adjust speed brake RTO switch (Fig. 503).

(1) Position speed brake handle (191) in detent.

(2) Slowly raise reverse thrust lever. Check for switch actuation as lever reaches 76-80-degree position shown. Also check that switch actuation occurs within range shown for speed brake handle movement.

(3) Adjust switch position with set screw (326), as required, to achieve proper actuation.





65–45125-11 ONLY

Speed Brake RTO Switch Adjustment
Figure 503

TESTING

1. General

   A. Secure cables and stabilizer trim chain so as to offer no interference with tests.

2. Functional Test (See Fig. 701.)

   A. Place reverse thrust lever in stowed-detent position; move forward thrust lever through full 69-degree arc. Movement should be without interference or binding.

   B. Place reverse thrust lever successively in stowed detent, then slightly less than 20 degrees, just 20 degrees, and slightly more than 20 degrees from stowed detent position. Try moving forward thrust lever with reverse thrust lever in each position. Forward thrust lever should be movable when reverse thrust lever is in stowed detent or any position less than 20 degrees out of stowed detent position, and should not be movable more than 2 degrees when reverse thrust lever is 20 degrees or more from stowed detent position.

   C. Place forward thrust lever in aft stop position. Reverse thrust lever should move smoothly and freely, except when passing through detents, through full 139-degree and 30 minute travel.

   D. Position forward thrust lever 3 to 7 degrees forward of aft stop. Apply 10-pound force to move reverse thrust lever; it should not travel beyond 20 degrees out of stowed-detent position.

   E. Place reverse thrust lever in stowed-detent position. Apply force at the knob centerline, perpendicular to a line through the center of the lever pivot and the center of the knob. Measure force as lever is moved slowly out of stowed-detent position. Make sure force required to move lever is 1.5 to 4.5 pounds.

   F. Place each start lever in each detent position and lift it out. Lift travel should be smooth and sufficient to clear detents.

   G. Start lever travel between detents should be smooth. Full travel arc is approximately 37 degrees.

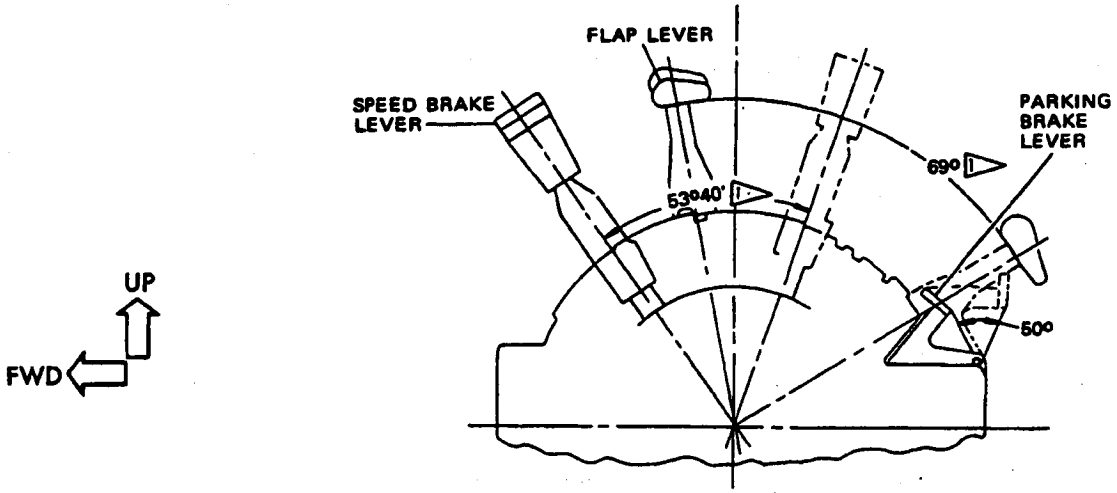
   H. Operate flap lever through full range; travel should be smooth and without interference. Lift should be smooth and sufficient to clear detents.

   I. Operate speed brake lever through full range; travel should be smooth and without interference. Lift should be smooth and sufficient to clear detents.

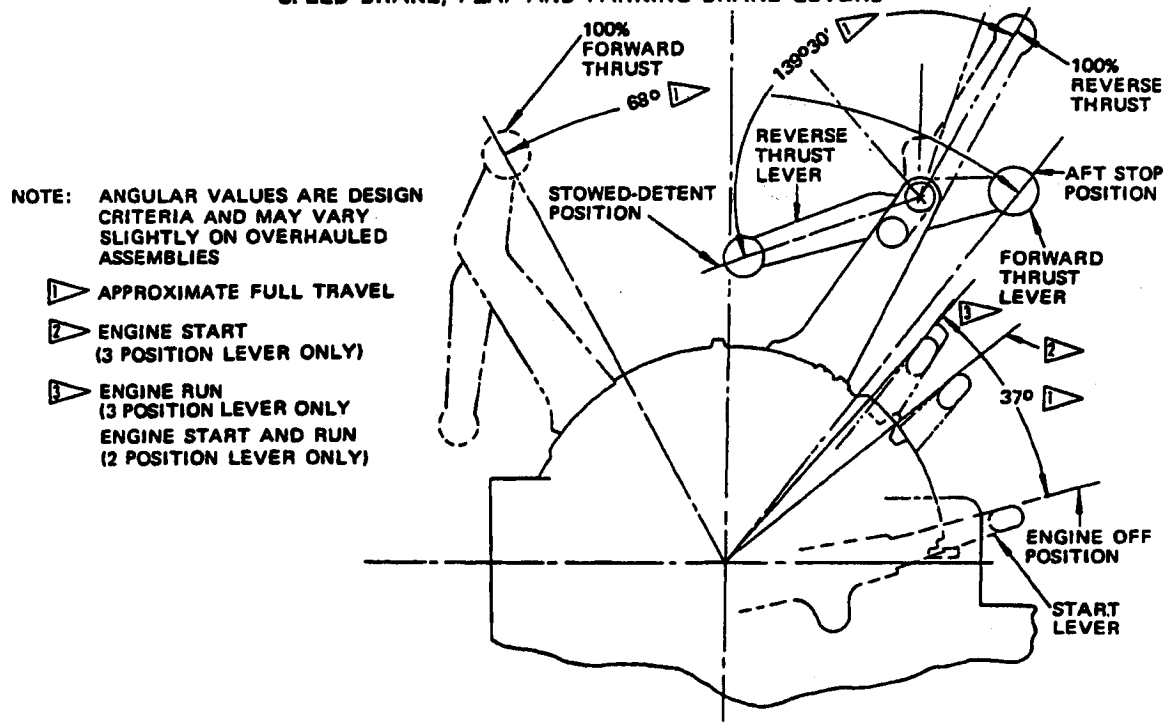
J. Operate parking brake lever; travel should be free through full range.

K. Rotate stabilizer trim wheel assembly (3, figure 1101). Rotation should be smooth and free of binding or chatter. Handle (19) should rotate freely and should stow readily with no binding or catching except in detent positions.

L. Turn stabilizer trim jack assembly (135, figure 1101) to operate stabilizer trim indicator assemblies (150 and 207) through full travel. Operation should be smooth and free of interference.



SPEED BRAKE, FLAP AND PARKING BRAKE LEVERS



ENGINE START AND THRUST LEVERS

TROUBLE SHOOTING

1. Trouble shooting is keyed to individual steps of the test procedure. Referenced paragraphs show test procedure step in which the noted trouble would appear. (See figure 701.)

	Trouble	Possible Cause	Correction
A.	With reverse thrust lever in stowed-detent position, interference or binding occurs during movement of forward thrust lever, paragraph 2.A.	Bearings dry or defective	Lubricate per Subject 20-30-01, or replace
		Improper bearing alignment	Check seating of bearings. Align or replace as needed
		Deformed handle	Repair or replace handle
		Worn thrust-lever lock pawl, rivet, and/or mounting	Repair or replace part
		Presence of foreign material	Reclean parts
B.	With reverse thrust lever less than 20 degrees from stowed-detent position, forward thrust lever is not movable through normal arc, paragraph 2.B.	Thrust lever cover defective or thrust lever lock pawl detent in cover worn	Repair or replace cover
		Bearings dry or defective	Lubricate per Subject 20-30-01, or replace
		Improper bearing alignment	Check seating of bearings. Align or replace as needed
		Deformed handle	Repair or replace part
		Worn thrust-lever lock pawl, rivet, and/or mounting	Repair or replace part
		Presence of foreign material	Reclean parts

	Trouble	Possible Cause	Correction
C.	With reverse thrust lever at 20 degrees or more from stowed-detent position, forward thrust lever is movable more than 2 degrees, par. 2.B.	Shaft on which lever is mounted not secure	Tighten shaft nut within 200 to 300 pound-inches torque
		Main bearing dry or defective	Lubricate per Subject SOPM 20-30-01, or replace
		Detent in thrust lever cover worn	Replace or repair detent
		Pawl or pin worn	Replace defective parts
D.	With forward thrust lever in aft stop position, reverse thrust lever does not move smoothly and freely through full travel arc, par. 2.C. (neglecting effect of detents)	Reverse thrust link bent	Repair or replace link
		Dry film lubrication defective	Renew dry film lubrication
		Presence of foreign material	Reclean parts
		Pawl of mounting worn or deformed	Repair or replace defective part
		Bearings dry or defective	Lubricate per Subject SOPM 20-30-01, or replace
E.	With forward thrust lever 3 to 7 degrees forward of aft stop, reverse thrust lever travels more than 20 degrees from stowed-detent position, par. 2.D.	Reverse thrust link bent	Repair or replace link
		Worn thrust lever lock pawl, rivet, and/or mounting	Repair or replace defective part
F.	Reverse thrust lever moves out of stowed-detent position with applied force less than 1.5 pounds or more than 4.5 pounds, par. 2.E.	Worn or defective detent spring	Replace spring
		Defective reverse thrust lever	Replace lever
		Defective thrust lever	Replace bushing bushing

	Trouble	Possible Cause	Correction
G.	Start lever does not lift smoothly and sufficiently to clear detents, paragraph 2.F.	Presence of foreign material	Reclean parts
		Dry film lubrication worn off	Renew dry film lubrication
H.	Start lever does not move smoothly between detents throughout full travel, paragraph 2.G.	Bearings dry or defective	Lubricate per Subject 20-30-01 or replace parts
		Presence of foreign material	Reclean parts
		Interference between parts	Repair, align or replace parts
I.	Flap lever binds, chatters, or will not operate through full range, paragraph 2.H.	Bearing dry or defective	Lubricate per Subject 20-30-01 or replace
		Improper clearance	Adjust clearance
		Lever defective	Repair or replace lever
		Left-side frame assembly defective	Repair or replace part
J.	Flap lever does not lift smoothly nor sufficiently to clear detents, paragraph 2.H.	Presence of foreign material	Reclean parts
		Dry film lubrication worn off	Renew dry film lubrication
K.	Speed brake lever does not operate smoothly through full range, paragraph 2.I.	Bearing dry or defective	Lubricate per Subject 20-30-01 or replace
		Lever defective	Repair or replace
		Frame defective	Repair or replace
L.	Speed brake lever does not lift smoothly nor sufficiently to clear detent, paragraph 2.I.	Presence of foreign material	Reclean parts
		Dry film lubrication worn off	Renew dry film lubrication

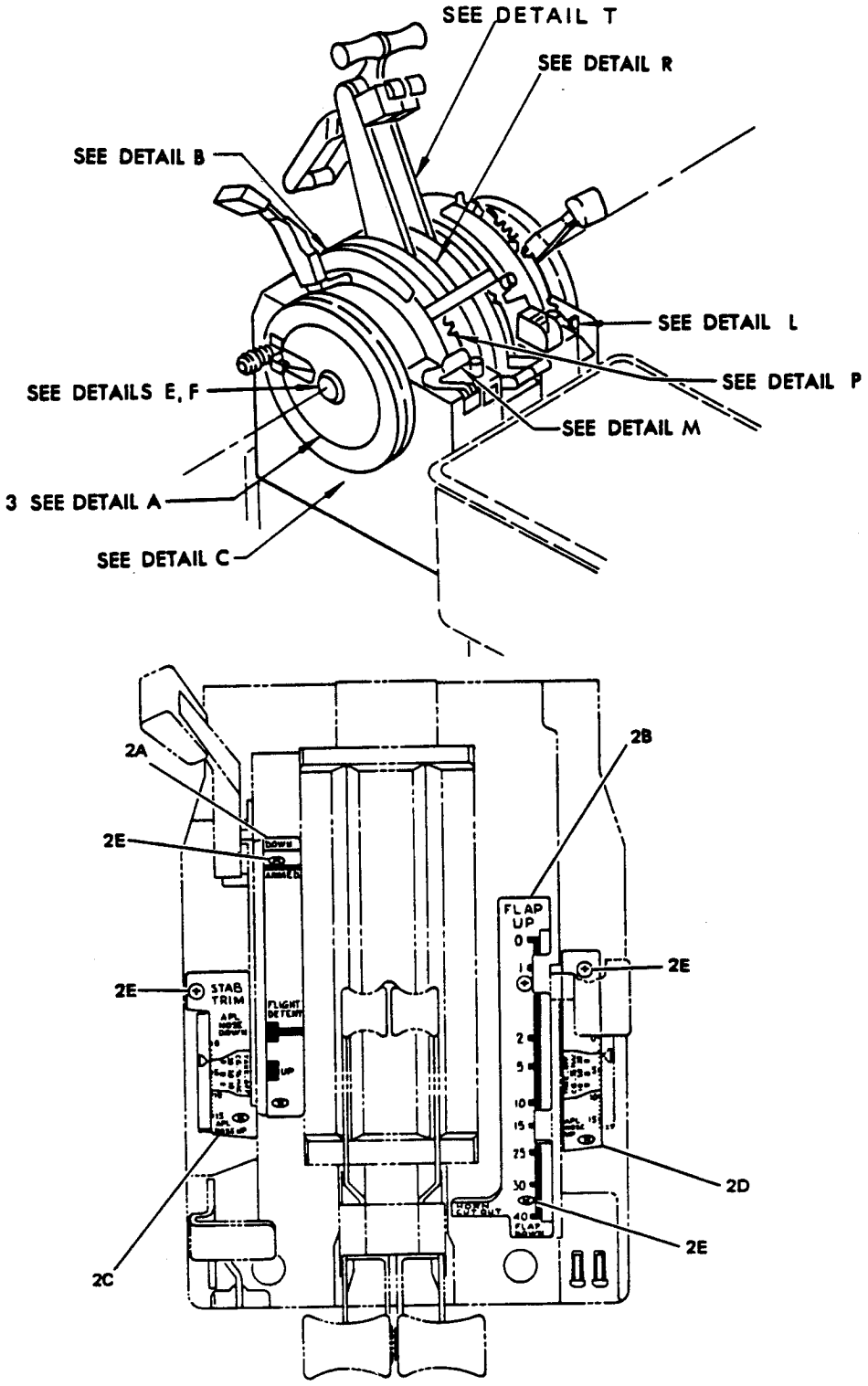
	Trouble	Possible Cause	Correction
M.	Parking brake lever does not travel freely throughout full range, paragraph 2.J.	Defective lever	Repair or replace
		Presence of foreign material	Reclean parts
N.	Stabilizer trim wheel does not rotate smoothly, paragraph 2.K.	Dry or defective bearings between inner and outer shafts	Lubricate bearings per Subject 20-30-01 or replace
		Presence of foreign material	Reclean parts
		Tie-shaft nuts not properly tightened	Tighten nuts to proper torque value
O.	Stabilizer trim wheel handle does not rotate freely, paragraph 2.K.	Dry bearing surfaces	Lubricate per Subject 20-50-07
		Spindle or handle worn	Replace worn parts
P.	Stabilizer trim wheel handle does not catch properly in detent position or binds in moving between detents, paragraph 2.K.	Worn pins, handle latch, latch release, or latch plates	Replace worn parts
Q.	Operation of stabilizer trim indicators not smooth, paragraph 2.L.	Indicator bearings dry or defective	Lubricate bearings per Subject 20-30-01 or replace
		Defective indicators	Repair or replace
		Jack assembly screw or nut dirty, devoid of lubrication or worn	Reclean parts, lubricate per Subject 20-50-07, or replace part

SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

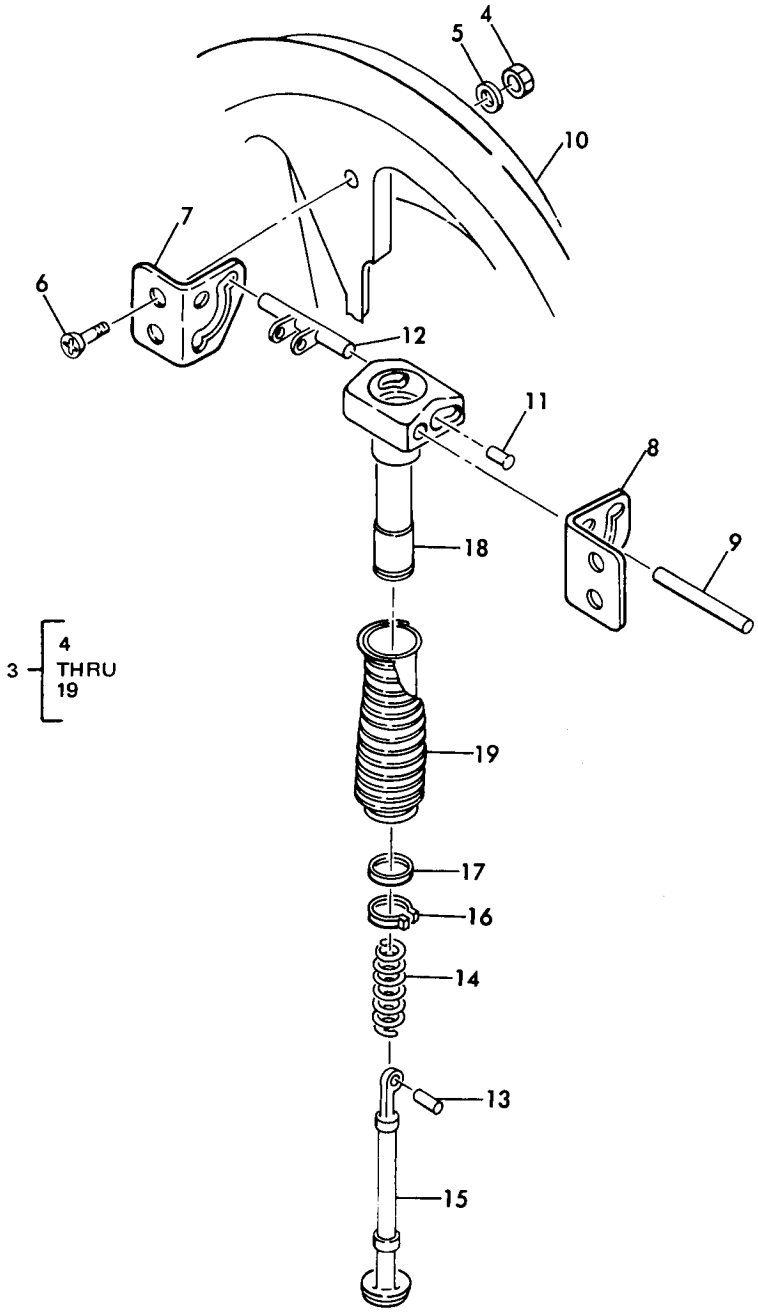
1. Staking Tool, ST922C-4 or equivalent

ILLUSTRATED PARTS LIST

THIS PAGE
INTENTIONALLY
LEFT BLANK

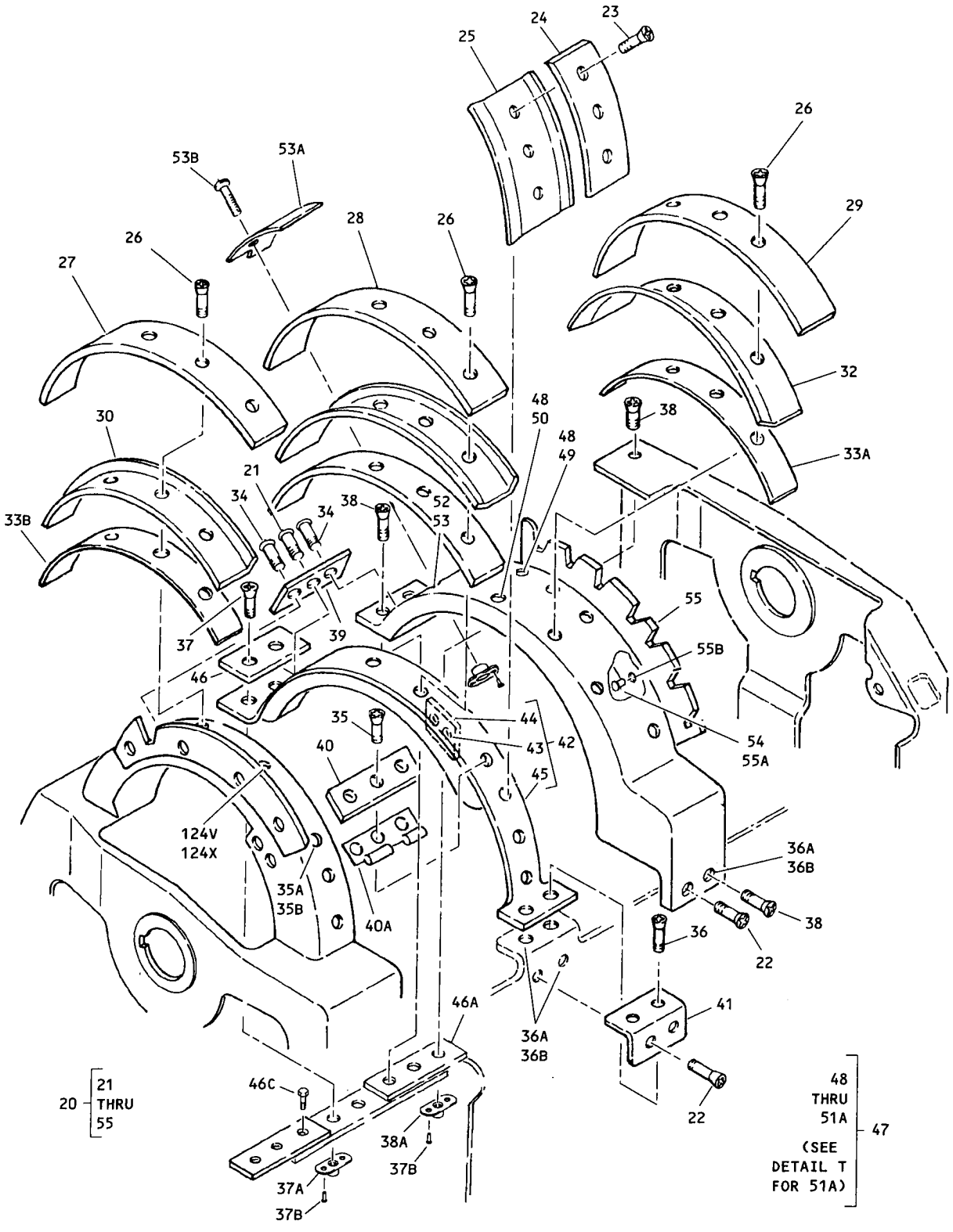


Control Stand Upper Mechanism Assembly
Figure 1101 (Sheet 1)

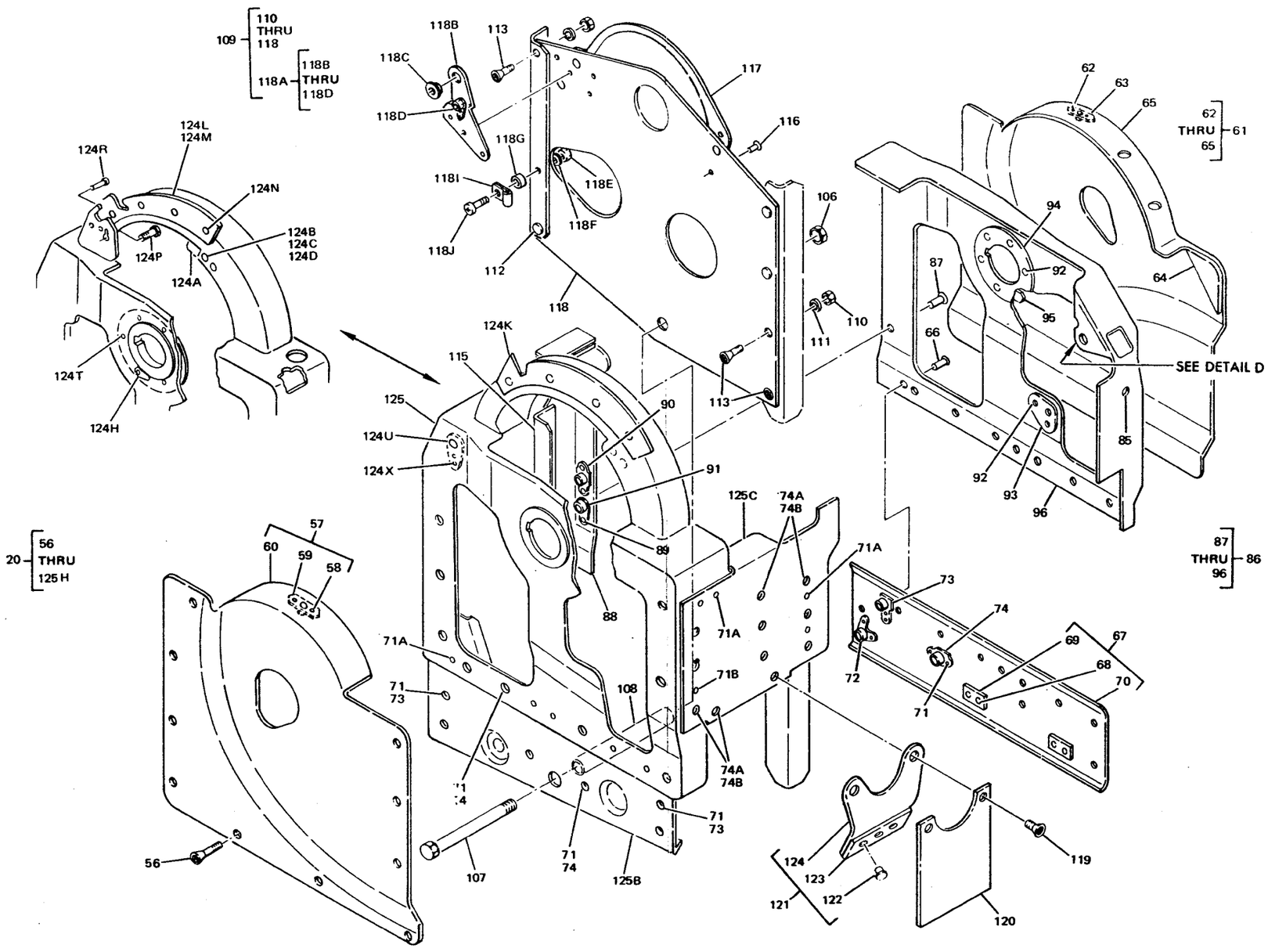


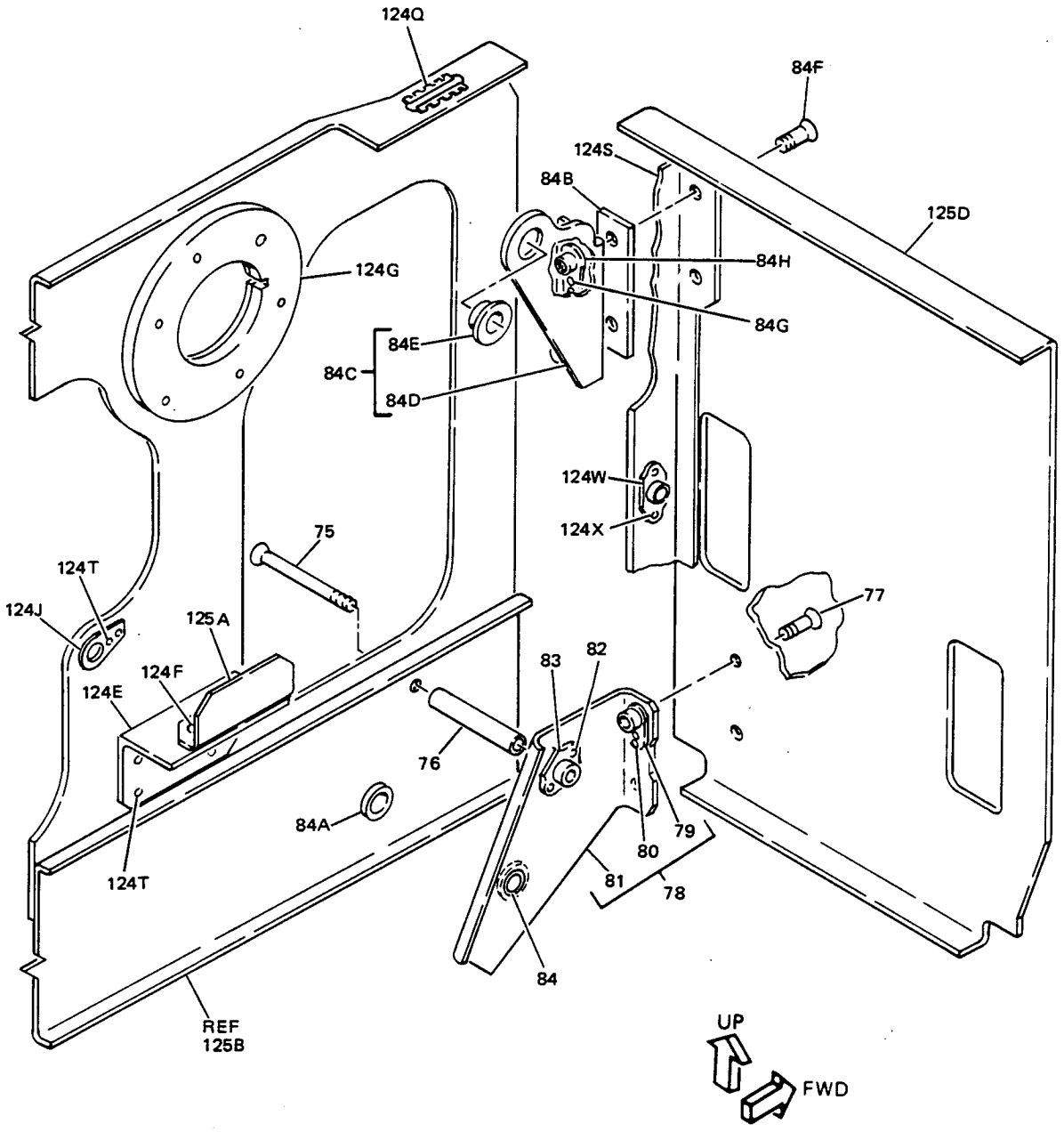
DETAIL A

Control Stand Upper Mechanism Assembly
Figure 1101 (Sheet 2)

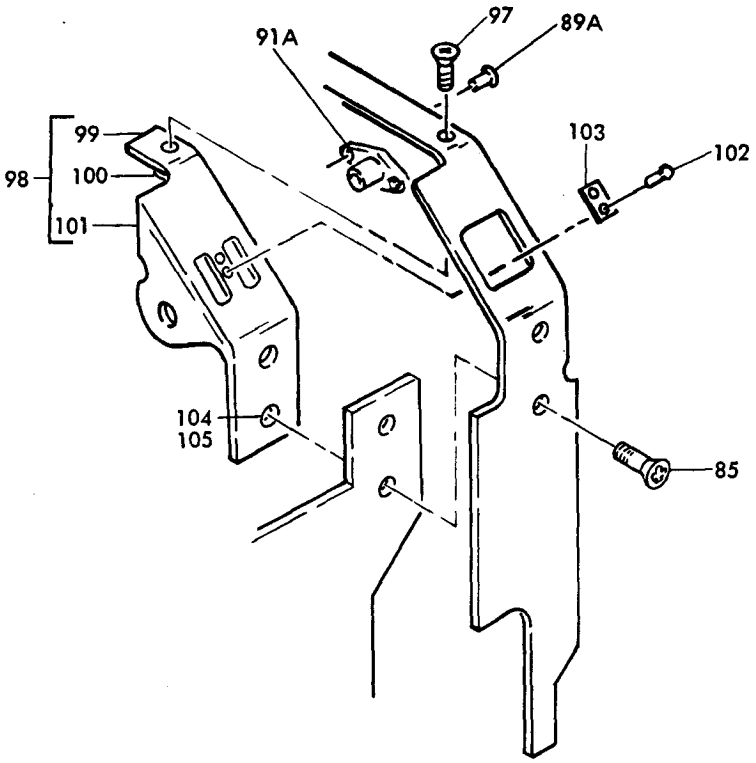


Control Stand Upper Mechanism Assembly
Figure 1101 (Sheet 3)

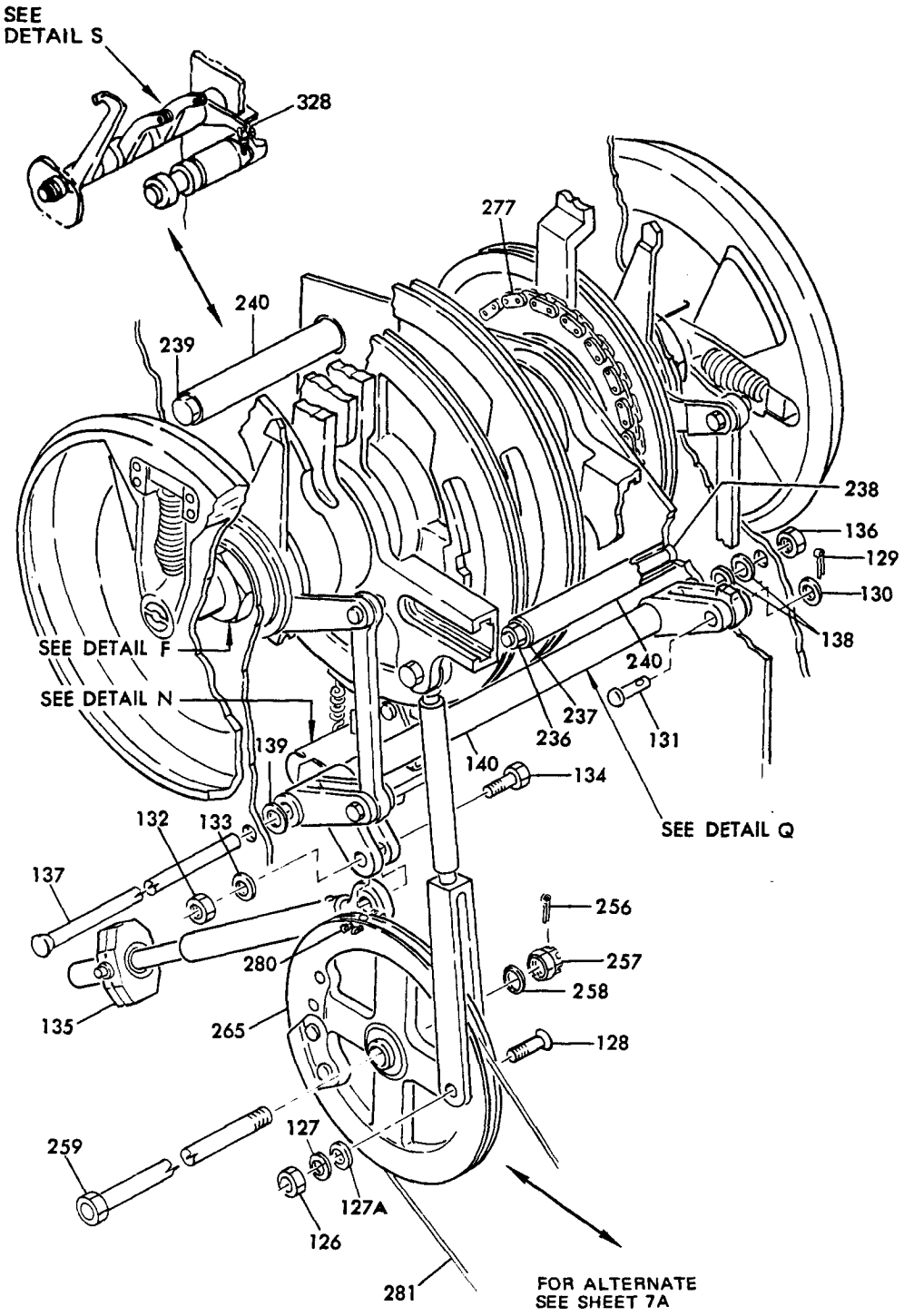

109 — 110 THRU 118
118A — 118B THRU 118D
20 — 56 THRU 125H
61 — 62 THRU 65
86 — 87 THRU 96
SEE DETAIL D
DETAIL C


124Q
84F
124S
84B
125D
84H
124G
84G
84E
84C
84D
124W
124X
75
124T
124J
125A
77
124F
124E
83
82
76
84A
80
79
81
78
124T
84
REF
125B
UP
FWD

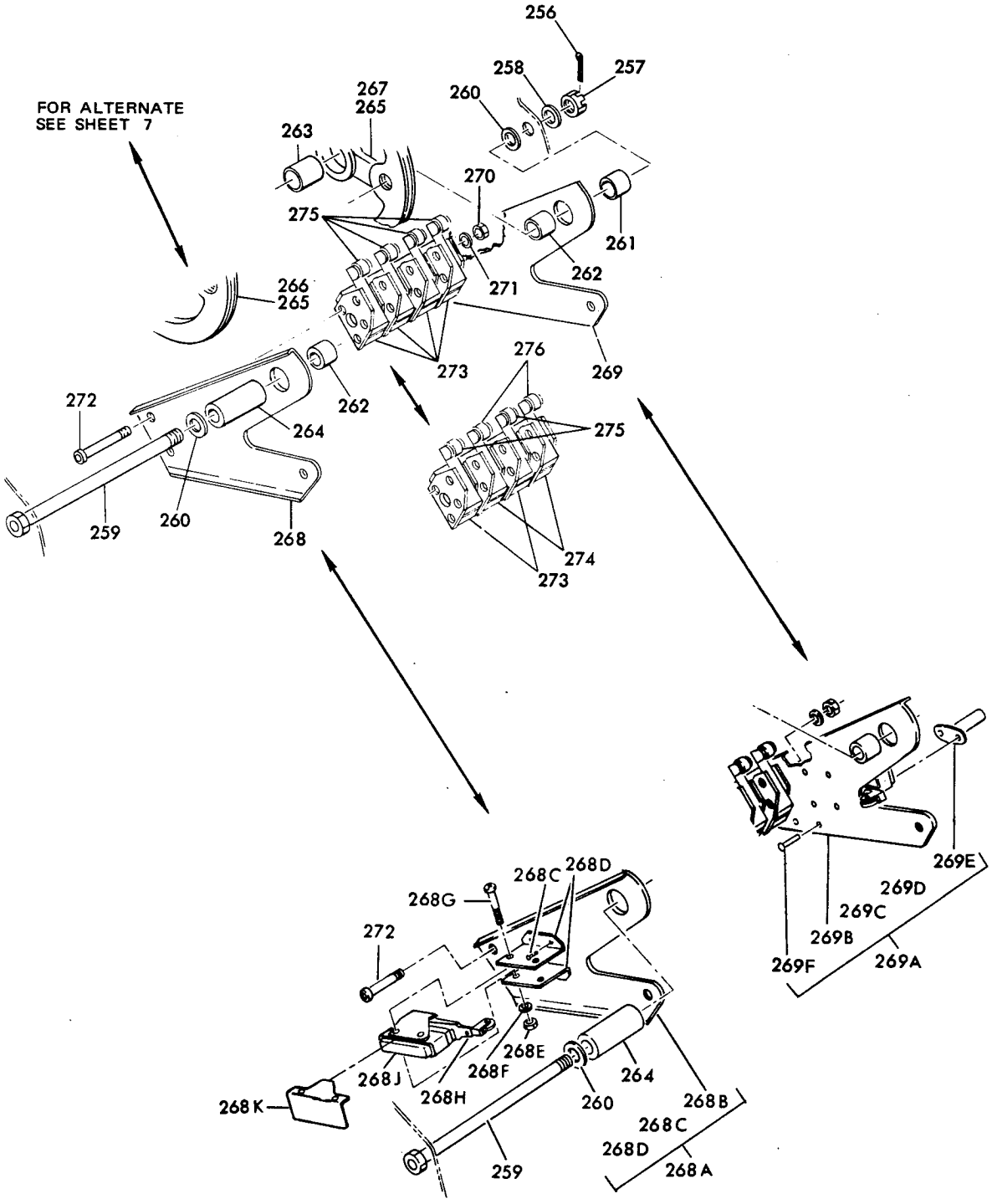
VIEW 1



DETAIL D

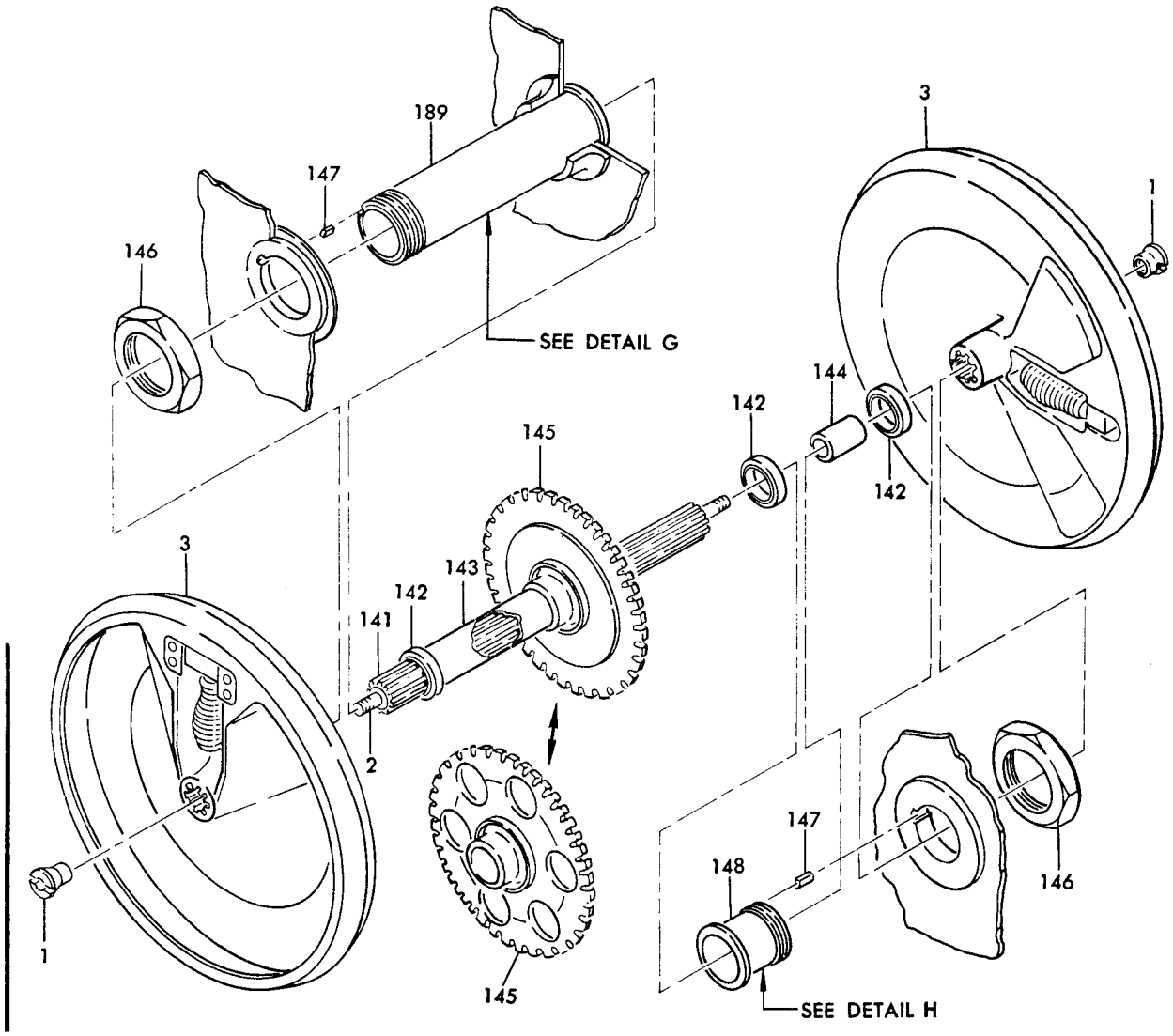

SEE DETAIL S
328
277
240
239
238
136
129
130
138
SEE DETAIL F
SEE DETAIL N
240
237
236
131
139
140
134
SEE DETAIL Q
132
133
137
256
257
280
258
135
265
128
259
127
127A
126
281
FOR ALTERNATE SEE SHEET 7A

DETAIL E

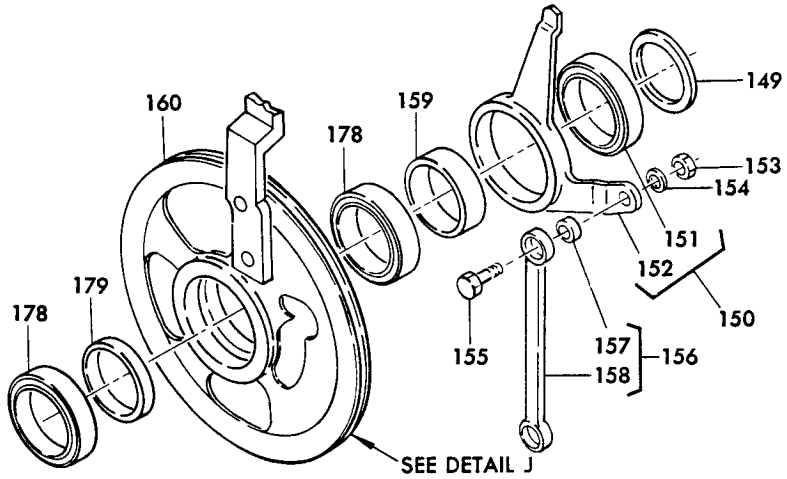


DETAIL E

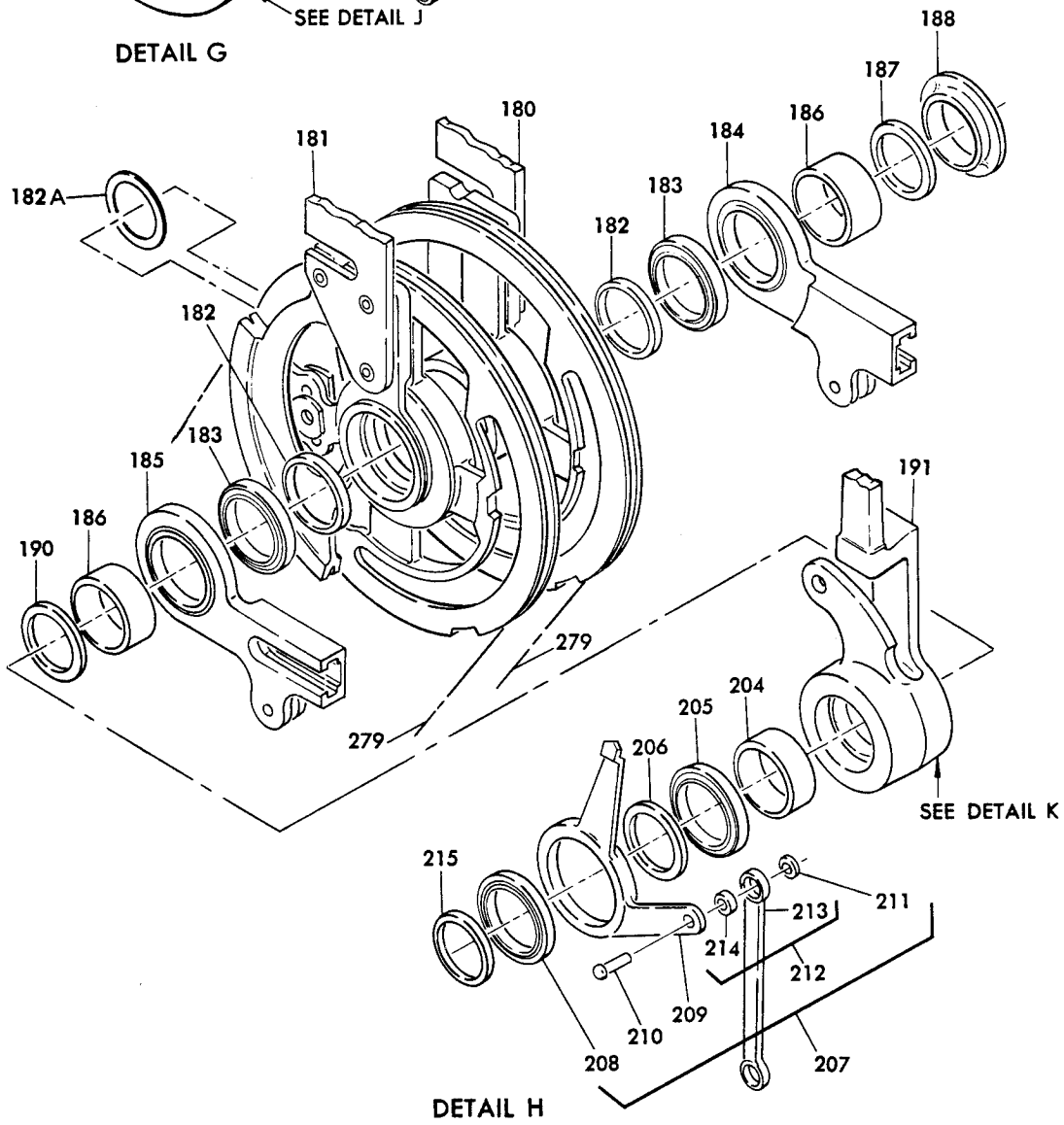
Control Stand Upper Mechanism Assembly
Figure 1101 (Sheet 7A)


189
147
146
SEE DETAIL G
3
1
144
142
145
142
3
143
142
141
2
1
145
147
148
146
SEE DETAIL H

DETAIL F

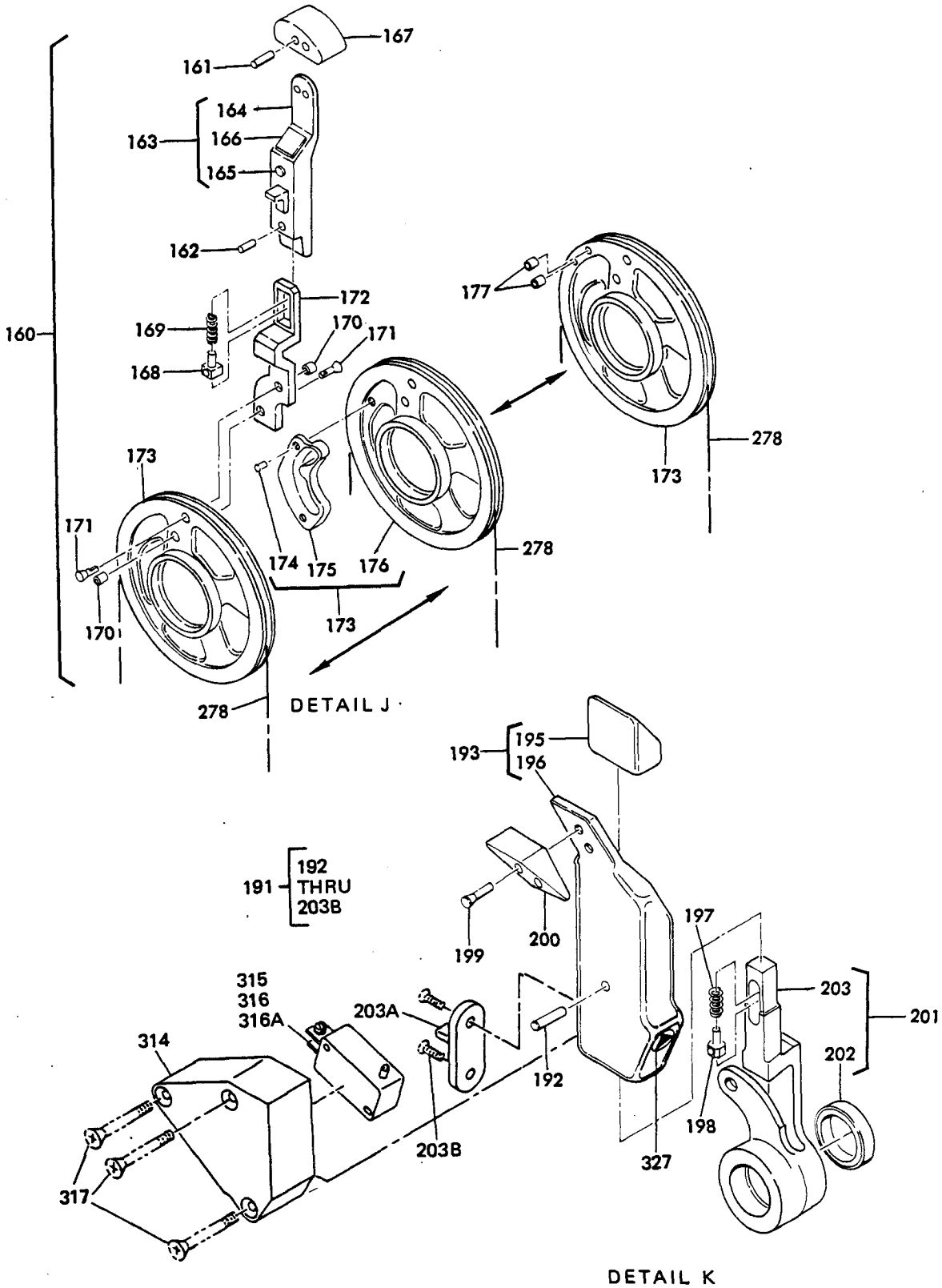


DETAIL G

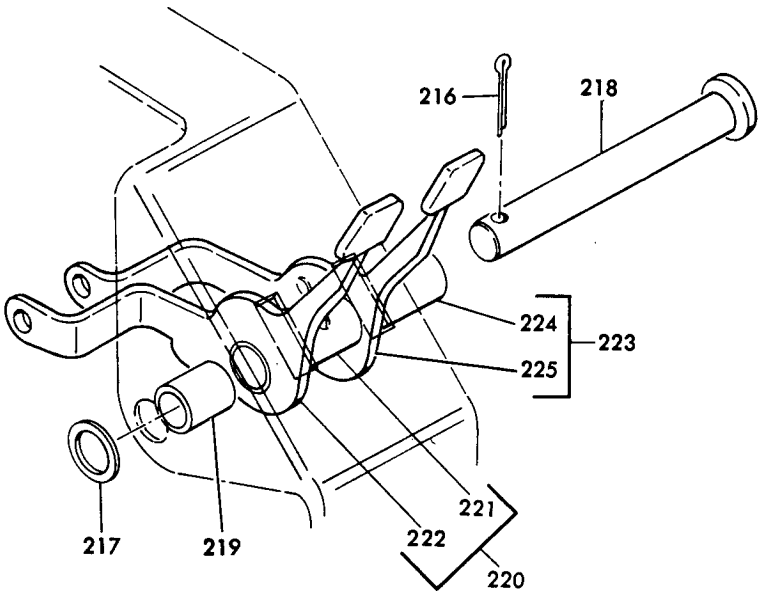


DETAIL H

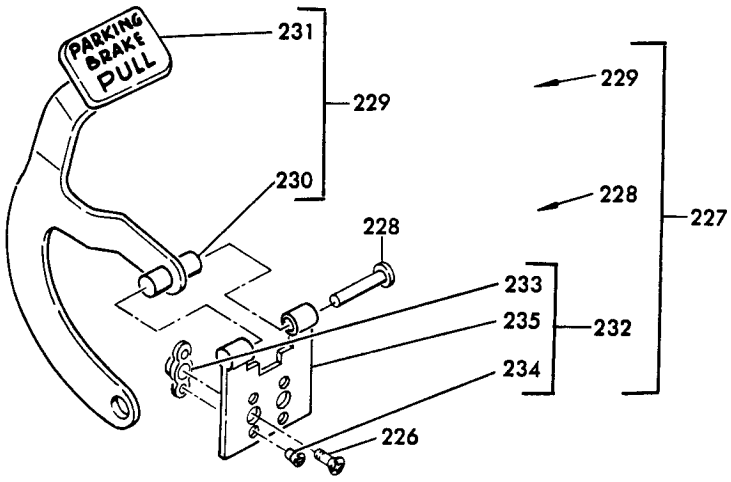
Control Stand Upper Mechanism Assembly
Figure 1101 (Sheet 9)



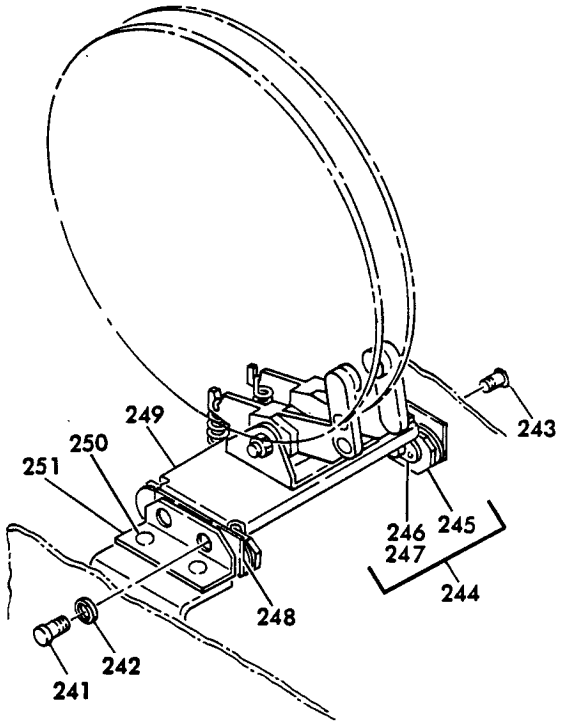
Control Stand Upper Mechanism Assembly
Figure 1101 (Sheet 10)



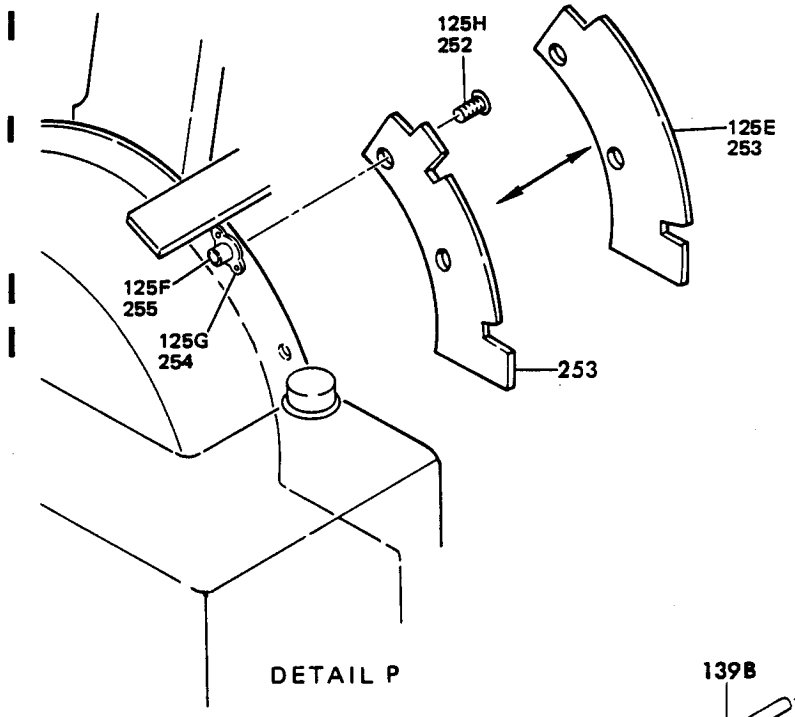
DETAIL L



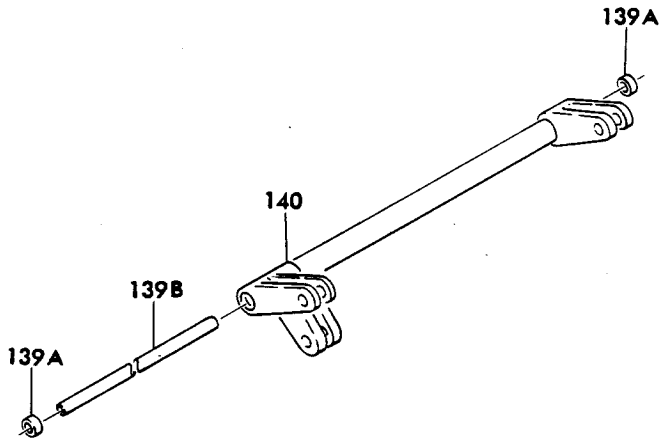
DETAIL M



DETAIL N

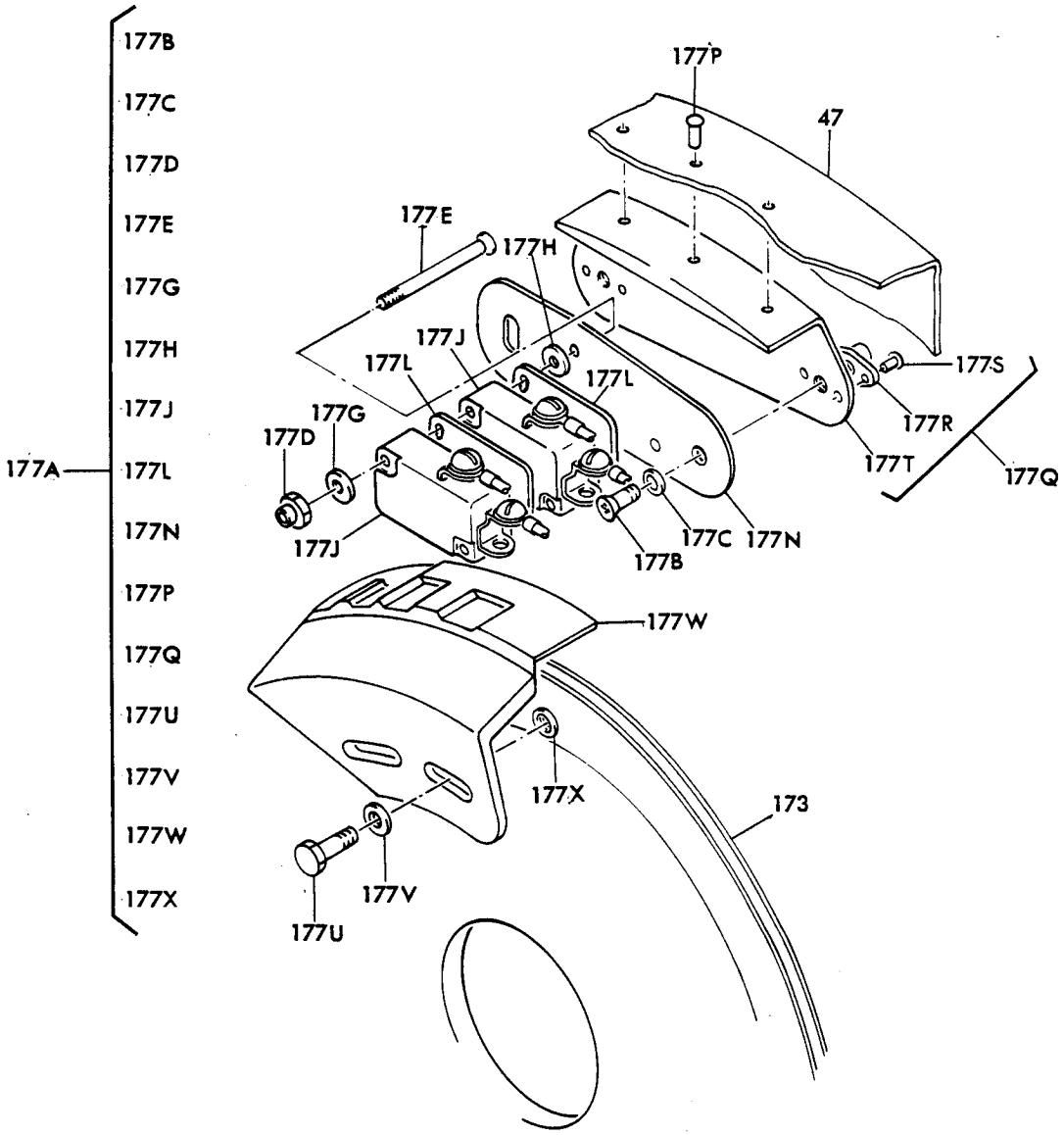


DETAIL P



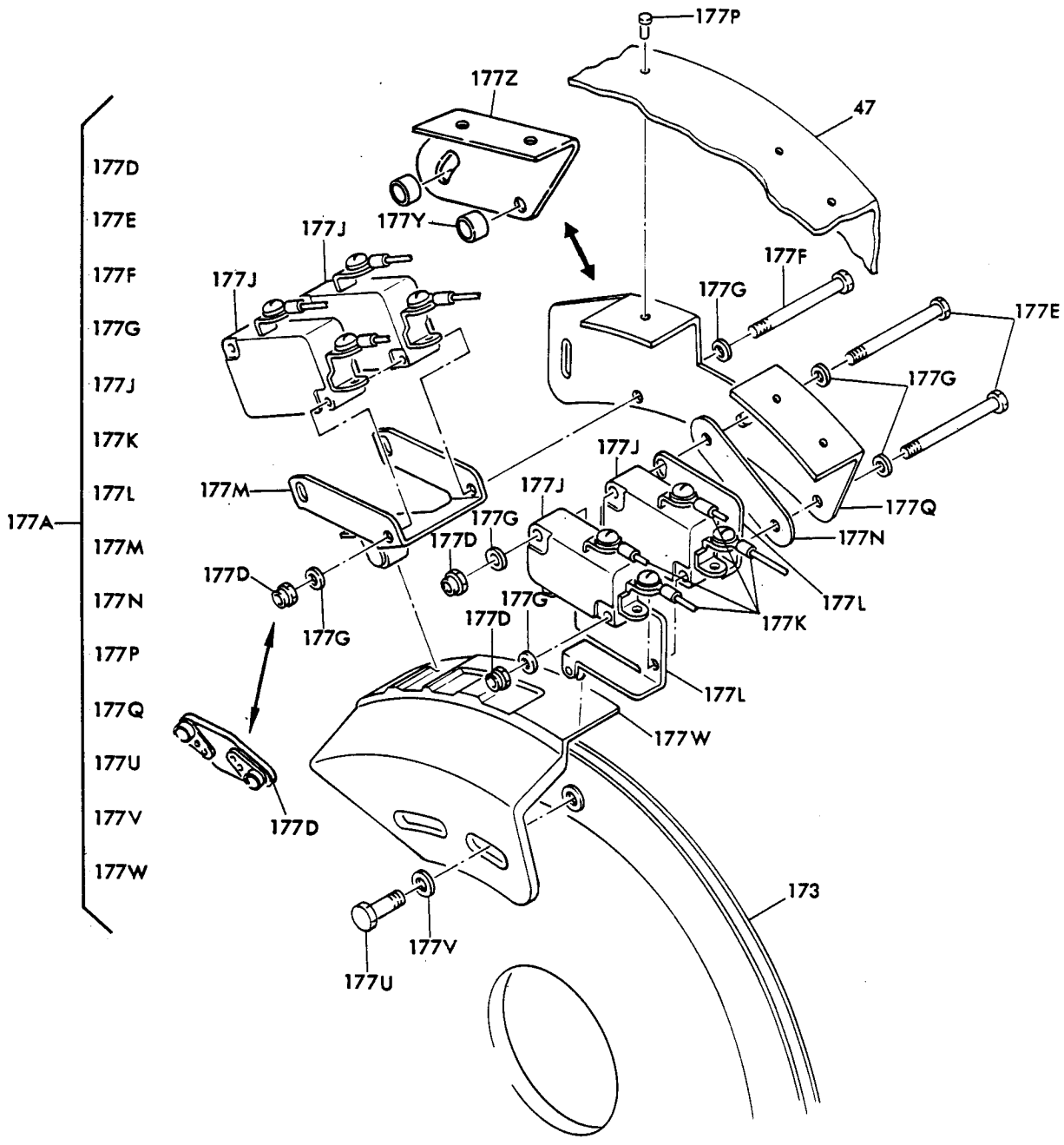
DETAIL Q

Control Stand Upper Mechanism Assembly
Figure 1101 (Sheet 12)



ASSEMBLY 65-77424

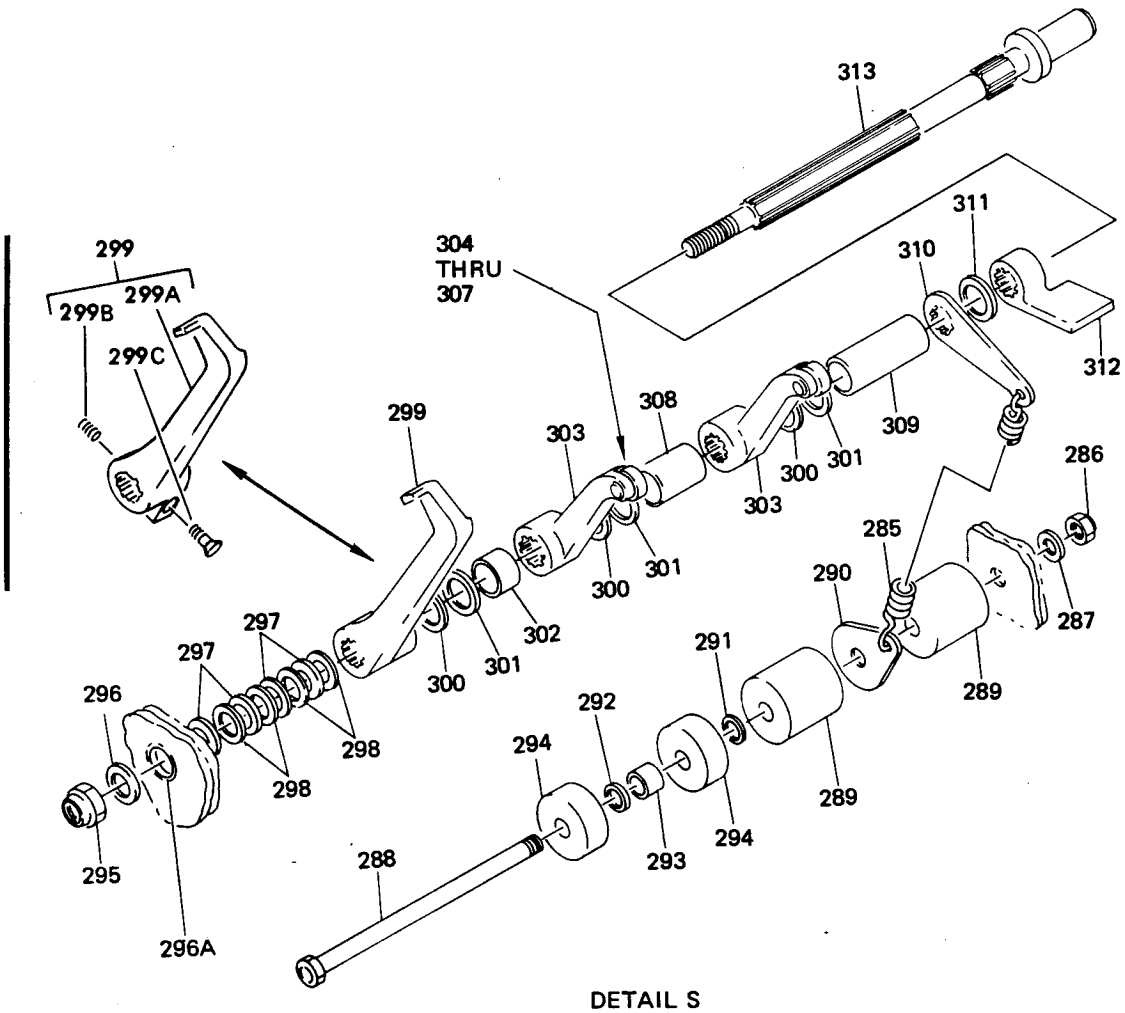
DETAIL R CONT



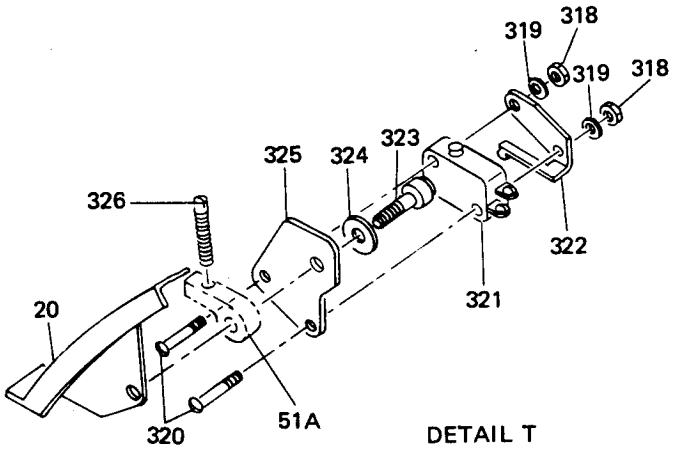
ASSEMBLY 65-77470

DETAIL R

Control Stand Upper Mechanism Assembly
Figure 1101 (Sheet 14)



DETAIL S



DETAIL T

Control Stand Upper Mechanism Assembly
Figure 1101 (Sheet 15)

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
	65-45125-1		MECHANISM ASSY, CONTROL STAND UPPER	A	RF
	65-45125-11		MECHANISM ASSY, CONTROL STAND UPPER	B	RF
	65-45125-12		MECHANISM ASSY, CONTROL STAND UPPER	C	RF
	65-45125-14		MECHANISM ASSY, CONTROL STAND UPPER	D	RF
	65-45125-15		MECHANISM ASSY, CONTROL STAND UPPER	E	RF
	65-45125-16		MECHANISM ASSY, CONTROL STAND UPPER	F	RF
	65-45125-17		MECHANISM ASSY, CONTROL STAND UPPER	G	RF
	65-45125-18		DELETED		
	65-45125-19		MECHANISM ASSY, CONTROL STAND UPPER	I	RF
	65-45125-25		MECHANISM ASSY, CONTROL STAND UPPER	J	RF
	65-45125-26		MECHANISM ASSY, CONTROL STAND UPPER	K	RF
	65-45125-27		MECHANISM ASSY, CONTROL STAND UPPER	L	RF
	65-45125-28		MECHANISM ASSY, CONTROL STAND UPPER	M	RF
	65-45128-29		MECHANISM ASSY, CONTROL STAND UPPER	N	RF
	65-45125-30		MECHANISM ASSY, CONTROL STAND UPPER	O	RF
	65-45125-31		MECHANISM ASSY, CONTROL STAND UPPER	P	RF
	65-45125-32		MECHANISM ASSY, CONTROL STAND UPPER	Q	RF
	65-45125-33		MECHANISM ASSY, CONTROL STAND UPPER	R	RF
	65-45125-34		MECHANISM ASSY, CONTROL STAND UPPER	S	RF
	65-45125-35		MECHANISM ASSY, CONTROL STAND UPPER	T	RF
	65-45125-36		MECHANISM ASSY, CONTROL STAND UPPER	U	RF
	65-45125-37		MECHANISM ASSY, CONTROL STAND UPPER	V	RF
	65-45125-38		MECHANISM ASSY, CONTROL STAND UPPER	W	RF
	65-45125-39		MECHANISM ASSY, CONTROL STAND UPPER	X	RF
	65-45125-40		MECHANISM ASSY, CONTROL STAND UPPER	Y	RF
	65-45125-41		MECHANISM ASSY, CONTROL STAND UPPER	Z	RF
	65-45125-42		MECHANISM ASSY, CONTROL STAND UPPER	BA	RF
	65-45125-43		MECHANISM ASSY, CONTROL STAND UPPER	CA	RF
	65-45125-44		MECHANISM ASSY, CONTROL STAND UPPER	DA	RF
	65-45125-45		MECHANISM ASSY, CONTROL STAND UPPER	EA	RF
	65-45125-46		MECHANISM ASSY, CONTROL STAND UPPER	FA	RF
	65-45125-47		MECHANISM ASSY, CONTROL STAND UPPER	GA	RF
	65-45125-48		MECHANISM ASSY, CONTROL STAND UPPER	HA	RF
	65-45125-49		MECHANISM ASSY, CONTROL STAND UPPER	IA	RF
	65-45125-51		MECHANISM ASSY, CONTROL STAND UPPER	JA	RF
	65-45125-54		MECHANISM ASSY, CONTROL STAND UPPER	KA	RF
	65-45125-55		MECHANISM ASSY, CONTROL STAND UPPER	LA	RF
	65-45125-58		MECHANISM ASSY, CONTROL STAND UPPER	MA	RF
	65-45125-62		MECHANISM ASSY, CONTROL STAND UPPER	NA	RF
	65-45125-63		MECHANISM ASSY, CONTROL STAND UPPER	OA	RF
	65-45125-66		MECHANISM ASSY, CONTROL STAND UPPER	PA	RF
	65-45125-67		MECHANISM ASSY, CONTROL STAND UPPER	QA	RF

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
	65-45125-68		MECHANISM ASSY, CONTROL STAND UPPER	RA	RF
	65-45125-69		MECHANISM ASSY, CONTROL STAND UPPER	SA	RF
	65-45125-70		MECHANISM ASSY, CONTROL STAND UPPER	TA	RF
	65-45125-71		MECHANISM ASSY, CONTROL STAND UPPER	UA	RF
	65-45125-72		MECHANISM ASSY, CONTROL STAND UPPER	VA	RF
	65-45125-73		MECHANISM ASSY, CONTROL STAND UPPER	WA	RF
	65-45125-74		MECHANISM ASSY, CONTROL STAND UPPER	XA	RF
	65-45125-75		MECHANISM ASSY, CONTROL STAND UPPER	YA	RF
	65-45125-76		MECHANISM ASSY, CONTROL STAND UPPER	ZA	RF
	65-45125-77		MECHANISM ASSY, CONTROL STAND UPPER	CB	RF
	65-45125-78		DELETED		
	65-45125-79		MECHANISM ASSY, CONTROL STAND UPPER	EB	RF
	65-45125-80		DELETED		
	65-45125-81		MECHANISM ASSY, CONTROL STAND UPPER	FB	RF
	65-45125-82		MECHANISM ASSY, CONTROL STAND UPPER	GB	RF
	65-45125-85		MECHANISM ASSY, CONTROL STAND UPPER	HB	RF
	65-45125-86		MECHANISM ASSY, CONTROL STAND UPPER	IB	RF
	65-45125-87		MECHANISM ASSY, CONTROL STAND	JB	RF
	65-45125-88		MECHANISM ASSY, CONTROL STAND	KB	RF
	65-45125-89		MECHANISM ASSY, CONTROL STAND	LB	RF
	65-45125-90		MECHANISM ASSY, CONTROL STAND	MB	RF
	65-45125-91		MECHANISM ASSY, CONTROL STAND	NB	RF
	65-45125-92		MECHANISM ASSY, CONTROL STAND	OB	RF
	65-45125-93		MECHANISM ASSY, CONTROL STAND	PB	RF
	65-45125-94		MECHANISM ASSY, CONTROL STAND	QB	RF
	65-45125-95		MECHANISM ASSY, CONTROL STAND	RB	RF
1	BACN10A048		. NUT	A	2
1	BACN10RB4		. NUT	B-RB	2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-2	66-14147-1		. TIE ROD		1
2A	415-194		. LIGHTPLATE, V05617 (BOEING 10-61800-194)	*[4]	1
2A	10-61800-194		. LIGHTPLATE, V51896 (BOEING 10-61800-194)	*[4]	1
2A	415-224		. LIGHTPLATE, V05617 (BOEING 10-61800-224)	DGLX XA OB	1
2A	10-61800-224		. LIGHTPLATE, V51896 (BOEING 10-61800-224)	DGLX XA OB	1
2B	415-222		. LIGHTPLATE, V05617 (BOEING 10-61800-222)	*[4]	1
2B	10-61800-222		. LIGHTPLATE, V51896 (BOEING 10-61800-222)	*[4]	1
2B	415-226		. LIGHTPLATE, V05617 (BOEING 10-61800-226)	DGLX XA OB	1
2B	10-61800-226		. LIGHTPLATE, V51896 (BOEING 10-61800-226)	DGLX XA OB	1
2C	415-260		. LIGHTPLATE, V05617 (BOEING 10-61800-260)	*[4]	1
2C	10-61800-260		. LIGHTPLATE, V51896 (BOEING 10-61800-260)	*[4]	1
2C	415-230		. LIGHTPLATE, V05617 (BOEING 10-61800-230)	DGLX XA	1
2C	10-61800-230		. LIGHTPLATE, V51896 (BOEING 10-61800-230)	OB	1
2D	10-61800-262		. LIGHTPLATE, V51896 (BOEING 10-61800-262)	*[4]	1
2D	415-262		. LIGHTPLATE, V05617 (BOEING 10-61800-262)	*[4]	1
2D	415-232		. LIGHTPLATE, V05617 (BOEING 10-61800-232)	DGLX XA	1
2D	10-61800-232		. LIGHTPLATE, V51896 (BOEING 10-61800-232)	OB	1
2E	SFSW4C9DL01BK		. SCREW, V12324	B-RB	8
3	65-24721-1		. WHEEL ASSY, STAB TRIM (OPT)	A-JA LA-NA OA-SA ZA-GB	
3	65-24721-3		. WHEEL ASSY, STAB TRIM (OPT)	A-JA LA NA OA SA ZA-GB	2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
3	65-24721-6		. WHEEL ASSY, STAB TRIM (OPT)	KA MA PA-RA TA-YA HB RB	2
3	65-24721-3		. WHEEL ASSY, STAB TRIM (OPT)	KA MA PA-RA TA-YA HB RB	2
3	65-24721-1		. WHEEL ASSY, STAB TRIM (OPT)	KA MA PA-RA TA-YA HB-RB	2
4	BACN10JC3		. . NUT (REPLS NAS679A3W)		4
5	NAS1197-10L		. . WASHER (REPLS BACW10T10L)		4
6	BACB30LU3-6		. . BOLT (REPLS BACB30FL3-6)		4
7	69-70170-1		. . PLATE, LATCH (USED ON 65-24721-3, -6)		1
7	69-21293-1		. . PLATE, LATCH (USED ON 65-24721-1)		1
8	69-70170-2		. . PLATE, LATCH (USED ON 65-24721-3, -6)		1
8	69-21293-2		. . PLATE, LATCH (USED ON 65-24721-1)		1
9	66-16367-1		. . PIN		1
10	65-24722-1		. . WHEEL, STABILIZER		1
11	MS20615-3M		. . RIVET (REPLS NAS508M3)		1
12	69-70169-1		. . LATCH, HANDLE (USED ON 65-24721-3, -6)		1
12	69-21571-1		. . LATCH, HANDLE (USED ON 65-24721-1)		1
13	9-50858-6		. . BUSHING		1
14	3-87052		. . SPRING		1
15	69-21292-1		. . RELEASE, LATCH		1
16	MS16624-1046		. . RING, RETAINER (USED ON 65-24721-3,-6)		1
16	MS16624-1050		. . RING, RETAINER (REPLS NAS670-50) (USED ON 65-24721-1)		1
16	NAS670-50		. . RING, RETAINER (REPLD BY MS16624-1050)		1
16	NAS51-50		. . RING, RETAINER (REPLD BY NAS670-50)(OPT)		1
17	9-50858-7		. . WASHER		1
18	65C18275-1		. . SPINDLE (USED ON 65-24721-3,-6)		1
18	69-21291-1		. . SPINDLE (USED ON 65-24721-1)	YA	1
19	69-76211-1		. . HANDLE (USED ON 65-24721-6)		1
19	69-21295-1		. . HANDLE (USED ON 65-24721-1,-3)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
20	65-45127-1		. FRAME ASSY	A	1
20	65-45127-5		. FRAME ASSY	BE	1
20	65-45127-6		. FRAME ASSY	CDF-I N	1
20	65-45127-7		. FRAME ASSY	JRU	1
20	65-45127-8		. FRAME ASSY	KLMPQS	1
20	65-45127-9		DELETED		
20	65-45127-10		. FRAME ASSY	NY KA PB	1
20	65-45127-11		. FRAME ASSY	KPQTW X BA CA EA FA SA-XA EB LB-OB	1
20	65-45127-12		. FRAME ASSY	VZ DA GA-JA LA-RA ZA CB FB GB JB KB	1
20	65-45127-13		. FRAME ASSY	JORU HA	1
20	65-45127-21		. FRAME ASSY	HB IB YA QB RB	1
21	BACB30LU3-1		. . BOLT (REPLS BACB30FL3-0)		1
22	BACB30LU3-2		. . BOLT (REPLS BACB30FL3-2)		3
23	NAS514P632-4		. . SCREW		3
24	65-2377-41		. . RETAINER, SEAL		1
25	65-2377-28		. . SEAL		1
26	NAS514P632-5		. . SCREW		12
27	65-2377-42		. . RETAINER, SEAL		1
28	65-2377-38		. . RETAINER, SEAL		1
29	65-2377-39		. . RETAINER, SEAL		1
30	69-33918-6		. . SEAL		1
31	69-33918-1		. . SEAL		1
32	69-33918-4		. . SEAL		1
33	66-15045-1		DELETED		
33	69-56971-2		. . STRIP, SPACER		1
33A	69-56971-1		. . STRIP, SPACER		1
33B	69-56971-5		. . STRIP, SPACER		1
34	BACB30LU3-3		. . BOLT (REPLS BACB30FL3-3)		2
35	BACB30LU3-3		. . BOLT (REPLS BACB30FL3-3)		3
35A	BACN10JP3A		. . NUTPLATE		3
35B	BACR15BA3D		. . RIVET		6

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-36	BACB30LU3-3		. . BOLT (REPLS BACB30FL3-3)		2
36A	BACN10JR3F		. . NUTPLATE		6
36B	BACR15BA3D		. . RIVET		12
37	BACB30LU3-3		. . BOLT (REPLS BACB30FL3-3)		2
37A	BACN10JR3F		. . NUTPLATE		4
37B	BACR15BA3D		. . RIVET		10
38	BACB30LU3-3		. . BOLT (REPLS BACB30FL3-3)		4
38A	BACN10KB3F		. . NUTPLATE		1
39	66-23284-1		. . STOP, THRUST HANDLE		1
40	66-23285-1		. . STOP, THRUST HANDLE	A-GB	1
40	69-74669-2		. . STOP, THRUST HANDLE (SB 22-1063)	A-GB JB-PB	1
40	69-74669-1		. . STOP, THRUST HANDLE	HB IB QB RB	1
40A	65-45127-4		. . BUMPER (USED ON 65-45127-1,-5,-6, -7,-8,-10,-11,-12,-13)		1
40A	69-74668-1		. . BUMPER (SB 22-1063)(USED ON 65-45127-1,-5,-6,-7,-8,-10,-11,-12,-13)		1
40A	65-45127-2		. . BUMPER (OPT)(USED ON 65-45127-1, -5,-6,-10)		1
40A	65-45127-3		. . BUMPER (OPT)(USED ON 65-45127-1, -5,-6,-10)		1
40A	69-74668-1		. . BUMPER (USED ON 65-45127-21)		1
41	69-36619-1		. . ANGLE		1
42	65-1936-31		. . COVER ASSY		1
42	65-1936-19		. . COVER ASSY, THRUST LEVER (OPT) (USED ON 65-45127-1,-6,-8,-10,-11)		1
42	65-1936-26		. . COVER ASSY (OPT)		1
43	BACR15BA5D		. . . RIVET (REPLS MS20426D5)		2
44	65-1936-11		. . . FILLER		1
45	65-1936-21		. . . COVER (USED ON 65-1936-19)		1
45	65-1936-27		. . . COVER (USED ON 65-1936-26)		1
46	BACS40R07C20F		. . SHIM		1
46A	BACS40R07C30F		. . SHIM		1
46B	BACS40R07C24F		. . SHIM		1
46C	BACR15BA5D		. . RIVET		3
47	69-20380-13		. . COVER ASSY, UPPER RS *[1] (USED ON 65-45127-1)		1
47	69-20380-16		. . COVER ASSY, UPPER RS (SB 22-1006)*[1](USED ON 65-45127-1,-6, -8,-10,-11)		1
47	69-20380-19		. . COVER ASSY (USED ON 65-45127-5, -7,-12,-13,-21)		1
48	BACR15BA3D		. . . RIVET (REPLS MS20426D3)		12

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
49	BACN10JN04		. . . NUTPLATE (REPLS NAS1068A04L)		2
50	BACN10JN06		. . . NUTPLATE (REPLS NAS1068A06L)		4
51	69-20380-15		. . . COVER (USED ON 69-20380-13)		1
51	69-20380-17		. . . COVER (USED ON 69-20380-16)		1
51	69-20380-20		. . . COVER (USED ON 69-20380-19)		1
51A	69-66425-1		. . . PLATE (USED ON 69-20380-19)		1
52	BACR15BA3D		. . RIVET (REPLS MS20426D3)		4
53	BACN10JP3D		. . NUTPLATE (REPLS NAS1067A3)		2
53A	65-88648-12		. . PLATE, ACCESS (USED ON 65-45127-5,-7,-12,-13,-21)		1
53B	NAS514P632-5		. . SCREW (USED ON 65-45127-5,-7,-12, -13,-21)		2
54	BACR15BA4D		. . RIVET (REPLS MS20426D4)		4
55	65-69607-1		. . DETENT, FLAP CONTROL *[1]	A	1
55	65-69607-2		. . DETENT, FLAP CONTROL *[1]	A	1
55	65-51549-4		. . DETENT, FLAP CONTROL (OPT TO 65-69607-1)*[1]	A	1
55	65-51549-5		. . DETENT, FLAP CONTROL (OPT TO 65-69607-2)*[1]	A	1
55	65-51549-6		. . DETENT *[1]	A	1
55	65-51549-7		. . DETENT *[1]	A	1
55	65-51549-7		. . DETENT (USED ON 65-45127-5,-6,-7, -8,-13)		1
55	65-51549-7		. . DETENT (USED ON 65-45127-10,-11, -12,-21)(OPT TO 65-51549-10)		1
55	65-51549-8		. . DETENT (USED ON 65-45127-10,-11, -12,-21)(OPT TO 65-51549-10)		1
55	65-51549-10		. . DETENT (USED ON 65-45127-10,-11, -12,-21)		1
55A	BACB30LU2-2		. . BOLT (USED ON 65-45127-5 THRU -8, -10 THRU -21)		4
55B	BACN10JR08F		. . NUTPLATE (USED ON 65-45127-5 THRU -8,-10 THRU -21)		4
56	BACB30LU3-2		. . BOLT (REPLS BACB30FL3-1)		17
57	65-70885-1		. . DOOR ASSY, UPPER LEFT *[1]		1
57	65-24727-7		. . DOOR ASSY, UPPER LEFT *[1]	A	1
57	65-24727-4		. . DOOR ASSY, UPPER LEFT (OPT TO 65-24727-7)*[1]	A	1
58	BACR15BA3D		. . . RIVET (REPLS MS20426D3)		4
59	BACN10JN04		. . . NUTPLATE (REPLS NAS1068A04L)		2
60	65-70885-2		. . . DOOR (USED ON 65-70885-1)		1
60	65-24727-3		. . . DOOR (USED ON 65-24727-4)		1
60	65-24727-8		. . . DOOR, UPPER LEFT (USED ON 65-24727-7)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
61	65-24729-6		. . DOOR ASSY, RS *[1] (USED ON 65-45127-1)		1
61	65-70888-1		. . DOOR ASSY, RS *[1] (USED ON 65-45127-1,-5,-6,-10)		1
61	65-70888-4		. . DOOR ASSY, RS (USED ON 65-45127-7,-8,-11,-12,-13,-21)		1
62	BACR15BA3D		. . . RIVET (REPLS MS20426D3)		4
63	BACN10JN04		. . . NUTPLATE (REPLS NAS1068A04L)		2
64	65-24729-3		. . . DOUBLER (USED ON 65-24729-6)		1
64	65-70888-3		. . . DOUBLER (USED ON 65-70888-1,-4)		1
65	65-24729-7		. . . DOOR (USED ON 65-24729-6)		1
65	65-70888-2		. . . DOOR (USED ON 65-70888-1)		1
65	65-70888-5		. . . DOOR (USED ON 65-70888-4)		1
66	BACB30LU3-2		. . BOLT (REPLS BACB30FL3-2)		5
67	66-16510-1		. . SPLICE ASSY, CHANNEL *[1]	A	1
67	66-16510-4		. . SPLICE ASSY, CHANNEL *[1]		1
68	BACR15BA3A		. . . RIVET (REPLS MS20426A3)		4
69	66-16510-3		. . . STRIP, RUB (USED ON 66-16510-1)		2
69	66-16510-6		. . . STRIP, RUB (USED ON 66-16510-4)		2
70	66-16510-2		. . . CHANNEL (USED ON 66-16510-1)		1
70	66-16510-5		. . . CHANNEL (USED ON 66-16510-4)		1
71	BACR15BA3D		. . RIVET (REPLS MS20426D3)		46
71A	BACR15BA5D		. . RIVET		9
71B	MS20426D5		. . RIVET		1
72	BACN10KF3		. . NUTPLATE (REPLS NAS684A3)		2
73	BACN10KB3F		. . NUTPLATE (REPLS NAS687A3)		10
74	BACN10JR3F		. . NUTPLATE (REPLS NAS686A3)		11
74A	BACN10JR3F		. . NUTPLATE		11
74B	BACR15BA3D		. . RIVET		22
75	BACB30LU3-25		. . BOLT (REPLS BACB30FL3-25)		1
76	NAS43DD3-95		. . SPACER		1
77	NAS623-3-2		. . SCREW		2
78	66-12625-1		. . CHANNEL ASSY, ACTUATOR SUPPORT		1
79	BACR15BA3D		. . . RIVET (REPLS MS20426D3)		4
80	BACN10KF3		. . . NUTPLATE (REPLS NAS684A3)		2
81	66-12625-2		. . . CHANNEL		1
82	BACR15BA3D		. . RIVET (REPLS MS20426D3)		2
83	BACN10JR3F		. . NUTPLATE (REPLS NAS686A3)		1
84	BACB28B4-185		. . BUSHING		1
84A	BACB28B4-198		. . BUSHING		1
84B	BACS40RO7D22F		. . SHIM (USED ON 65-45127-5,-7,-12,-13)		1
84C	69-66429-1		. . SUPPORT ASSY (USED ON 65-45127-5, -7,-12,-13,-21)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
84D	69-66429-2		. . . SUPPORT		1
84E	NAS538B6P013		. . . BUSHING		1
84F	BACB30LU3-3		. . BOLT (USED ON 65-45127-5,-7,-12,-13)		2
84G	BACR15BA3D		. . RIVET (USED ON 65-45127-5,-7,-12, -13)		4
84H	BACN10JP3B		. . NUTPLATE (USED ON 65-45127-5,-7, -12,-13)		2
85	BACB30LU2-3		. . BOLT (REPLS BACB30FL2-3)		2
86	65-54212-1		. . FRAME ASSY, UPR RS (USED ON 65-45127-1,-5,-6)		1
86	65-54212-4		. . FRAME ASSY, UPR RS (USED ON 65-45127-7,-8)		1
86	65-54212-6		. . FRAME ASSY, UPR RS (USED ON 65-45127-11,-12,-13,-21)		1
86	65-54212-8		. . FRAME ASSY, UPR RS (USED ON 65-45127-10)		1
87	BACB30LU3-2		. . . BOLT (REPLS BACB30FL3-2)		3
88	65-54212-3		. . . ANGLE, STIFFENER		1
89	BACR15BA3D		. . . RIVET (REPLS MS20426D3)		18
89A	BACR15DR3		. . . RIVET		2
90	BACN10JR3F		. . . NUTPLATE (REPLS NAS686A3)		6
91	BACN10KB3F		. . . NUTPLATE (REPLS NAS687A3)		3
91A	BACN10TL3-3		. . . NUT, SPACER PLATE		1
92	BACR15BA5D		. . . RIVET (REPLS MS20426D5)		8
93	65-24728-3		. . . DOUBLER		1
94	6-63288		. . . PLATE		1
95	6-74642		. . . CLIP		1
96	65-54212-2		. . . FRAME (USED ON 65-54212-1,-8)		1
96	65-54212-5		. . . FRAME (USED ON 65-54212-4,-6)		1
97	BACB30LU3-1		. . BOLT (REPLS BACB30FL3-0)		1
98	66-11005		. . SUPPORT ASSY, SWITCH LEVER		1
99	BACR15BA3D		. . . RIVET (REPLS AN426D3 AND MS20426D3)		2
100	BACN10JP3C		. . . NUTPLATE (REPLS BACN10AM5C3)		1
101	66-11005-1		. . . BRACKET		1
102	BACR15BA3D		. . RIVET (REPLS MS20426D3)		2
103	BACF33D205-025		. . FILLER		1
104	BACR15BA3D		. . RIVET (REPLS MS20426D3)		4
105	BACN10JN08		. . NUTPLATE (REPLS NAS1068A08)		2
106	BACN10JC3		. . NUT (REPLS NAS679A3W)		1
107	BACB30LU3-94		. . BOLT (REPLS BACB30FL3-94)		1
108	NAS42DD6-370		. . SPACER		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-109	65-24724-6		. . BULKHEAD ASSY *[1](USED ON 65-45127-1)		1
109	65-24724-10		. . BULKHEAD ASSY (SB 22-1006)*[1] (USED ON 65-45127-1)		1
109	65-87109-1		. . BULKHEAD ASSY (LIMITED) (USED ON 65-45127-1,-6,-10,-11)		1
109	65-87109-5		. . BULKHEAD ASSY (USED ON 65-45127-5)		1
109	65-87109-8		. . BULKHEAD ASSY (USED ON 65-45127-7,-12,-13,-21)		1
109	65-87109-11		. . BULKHEAD ASSY (USED ON 65-45127-8,-11)		1
110	BACN10JC3		. . . NUT		8
111	AN960D10L		. . . WASHER		8
112	NAS623-3-3		. . . SCREW		5
113	BACB30LU3-2		. . . BOLT		3
114	65-24724-3		. . . ANGLE		1
115	65-24724-4		. . . ANGLE		1
116	BACR15BA5D		. . . RIVET (REPLS MS20426D5)		4
117	65-24724-5		. . . GUARD (USED ON 65-24724-6)		1
117	65-24724-11		. . . GUARD (USED ON 65-24724-10, 65-87109-1,-5,-8,-11) (SB 22-1006)		1
118	65-24724-7		. . . BULKHEAD (USED ON 65-24724-6, -10)		1
118	65-87109-2		. . . BULKHEAD (USED ON 65-87109-1)		1
118	65-87109-6		. . . BULKHEAD (USED ON 65-87109-5)		1
118	65-87109-10		. . . BULKHEAD (USED ON 65-87109-8)		1
118	65-87109-12		. . . BULKHEAD (USED ON 65-87109-11)		1
118A	69-66428-1		. . . BRACKET ASSY (USED ON 65-87109-5,-8)		1
118B	69-66428-2		. . . . BRACKET		1
118C	BACB28B6-255P		. . . . BUSHING		1
118D	AN256F8		. . . . NUTPLATE		1
118E	BACN10JC3		. . . NUT		2
118F	AN960D10L		. . . WASHER		2
118G	NAS42DD6-7		. . . SPACER		2
118H	BACC10DK2		. . . CLAMP		2
118I	BACP20BA		. . . PLUG		2
118J	NAS623-3-6		. . . SCREW		2
119	BACS12N10-9		. . SCREW		2
120	65-1795-10		. . GUARD		1
121	69-1958-4		. . GUARD ASSY		1
122	BACR15BB5A		. . . RIVET (REPLS AN470A5 AND MS20470A5)		3

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
123	69-1958-2		. . . STRIP		1
123A	69-1958-3		. . . BRACKET		1
124	69-1958-3		DELETED		
124	65-45128-1		. . FRAME ASSY (USED ON 65-45127-1, -6,-10)		1
124	65-45128-11		. . FRAME ASSY (USED ON 65-45127-5)		1
124	65-45128-14		. . FRAME ASSY (USED ON 65-45127-7, -13)		1
124	65-45128-17		. . FRAME ASSY (USED ON 65-45127-8, -11)		1
124	65-45128-19		. . FRAME ASSY (USED ON 65-45127-12, -21)		1
124A	65-45128-10		. . . STOP		1
124B	BACB30LU04-4		. . . BOLT		2
124B	NAS514P440-8B		. . . BOLT (OPT)		2
124C	AN960PD4		. . . WASHER		2
124D	BACN110JC04		. . . NUT		2
124E	65-24726-5		. . . ANGLE (USED ON 65-45128-1,-11)		1
124F	MS20470D6		. . . RIVET (USED ON 65-45128-1,-11)		4
124G	6-63288		. . . BEARING PLATE		1
124H	6-74642		. . . LOCKWIRE CLIP		1
124J	65-24726-4		. . . DOUBLER		1
124K	66-20238-3		. . . INDICATOR PLATE (USED ON 65-45128-1,-17)		1
-124K	66-20238-2		. . . INDICATOR PLATE (OPT) (USED ON 65-45128-1,-17)		1
-124K	66-20238-1		. . . INDICATOR PLATE (OPT) (USED ON 65-45128-1)		1
124L	65C10043-1		. . . INDICATOR PLATE (USED ON 65-45128-11,-14)		1
124M	65C10043-9		. . . INDICATOR PLATE (USED ON 65-45128-19)		1
124M	65C10043-4		. . . INDICATOR PLATE (OPT) (USED ON 65-45128-19)		1
124N	BACR15BA4D		. . . RIVET (USED ON 65-45128-1,-17)		4
124N	BACR15BA4D		. . . RIVET (USED ON 65-45128-11,-14, -19)		5
124P	66-25899-1		. . . STUD, SWITCH MOUNT (USED ON 65-45128-11,-14,-19)		1
124Q	BACG20ZB070		. . . GROMMET (USED ON 65-45128-11, -14,-19)		2
124R	NAS514P440-12		. . . SCREW (USED ON 65-45128-11,-14, -19)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
124S	65-45128-6		. . . ANGLE (USED ON 65-45128-1,-17)		1
124S	65-45128-13		. . . ANGLE (USED ON 65-45128-1,-14, -19)		1
124T	BACR15BA5D		. . . RIVET		12
124U	BACN10KB3F		. . . NUTPLATE		1
124V	BACN10JN06		. . . NUTPLATE		6
124W	BACN10JR3F		. . . NUTPLATE		5
124X	BACR15BA3D		. . . RIVET		24
124Y	65-45128-2		. . . FRAME-WELD ASSY (USED ON 65-45128-1,-17)		1
124Y	65-45128-15		. . . FRAME-WELD ASSY (OPT) (USED ON 65-45128-1,-17)		1
-124Z	65-45128-18		. . . FRAME(USED ON 65-45128-14,-19)		1
-124Z	65-45128-12		. . . FRAME (OPT) (USED ON 65-45128-11,-14)		1
125	65-45128-1		DELETED		
125	65-45128-11		DELETED		
125	65-45128-14		DELETED		
125	65-45128-17		DELETED		
125	65-45128-19		DELETED		
125A	65-77455-6		. . SUPPORT ANGLE (USED ON 65-45127-1,-5,-6,-10)		1
125B	66-14972-1		. . CHANNEL SPLICE		1
125C	69-36620-1		. . PLATE, AFT		1
125D	69-38297-1		. . PLATE, FWD (USED ON 65-45127-1,-5, -6,-7,-8)		1
125D	69-38297-2		. . PLATE, FWD (USED ON 65-45127-10, -11,-12,-13,-21)		1
125E	69-74670-1		. . DETENT, START LEVER (USED ON 65-45127-21)		2
125F	BAACN10JP3A		. . NUTPLATE (USED ON 65-45127-21)		4
125G	BACR15BA3D		. . RIVET (USED ON 65-45127-21)		8
125H	BACB30LU3-1		. . BOLT (USED ON 65-45127-21)		4
126	BACN10JC3		. NUT (REPLS NAS679A3W)		2
127	AN960PD10		. WASHER		2
127A	AN960PD10L		. WASHER		2
128	BACB30LL3D10		. BOLT (REPLS BACB30AB3-10)	A-I	2
128	BACB30LU3D10		. BOLT	J-RB	2
129	MS24665-132		. PIN, COTTER		2
130	AN960PD10		. WASHER		2
131	MS20392-2-17		. PIN	A	2
131	MS20392-2C17		. PIN	B-RB	2
132	BACN10JC3		. NUT (REPLS NAS679A3W)		1
133	AN960PD10L		. WASHER		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
134	NAS1103-9		. BOLT	A-I	1
134	BACS12CA3-8		. BOLT	J-RB	1
135	6-63931-1		. JACK ASSY (REF OHM 27-44-02)		1
136	BACN10JC3		. NUT (REPLS NAS679A3W)		1
137	66-2605		. BOLT		1
138	AN960PD10L		. WASHER		2
139	AN960PD10		. WASHER		1
139A	BACB10A682		. BEARING (REPLS AN201KP3A)		2
139B	NAS43DD3-478		. SPACER		1
140	65-20870-1		. CRANK, STABILIZER TRIM		1
141	66-1905		. SHAFT, STABILIZER WHEEL		1
142	BACB10A28DD		. BEARING (PRE SB 27-1204)	A	3
142	BACB10CF14PP		. BEARING (PRE SB 27-1204)	B-RB	3
142	B5540WZZFS428		. BEARING (POST SB 27-1204)	A-RB	2
143	NAS43DD14-347		. SPACER		1
143	69-76350-8		. SPACER (OPT)		1
144	NAS43DD14-70		. SPACER (PRE SB 27-1204)		1
144	69-76350-6		. SPACER (OPT)		1
144	69-76350-9		. SPACER (POST SB 27-1204)		1
145	6-63629-2000		. SPROCKET	A-OA VA MB	1
145	69-73201-1		. SPROCKET (OPT)	PA-UA WA-LB NB-RB	1
145	6-63629-2000		. SPROCKET (OPT)	PA-UA WA-LB NB-RB	1
145	69-73201-3		. SPROCKET (PREF)	PA-UA WA-LB NB-RB	1
146	9-50172-2		. NUT		2
147	3-87075		. KEY		2
148	69-1977-1		. SHAFT (PRE SB 27-1204)		1
148	65C31505-2		. SHAFT (POST SB 27-1204) *[19]		1
148	69-76357-2		. SHAFT (POST SB 27-1204)		1
149	3-94317		. SHIM		1
150	50-11343-2		. INDICATOR ASSY, STABILIZER TRIM	A-OA	1
150	50-11343-8		. INDICATOR ASSY, STABILIZER TRIM	PA-RB	1
150	50-11343-2		. INDICATOR ASSY, STABILIZER TRIM (OPT)	PA-RB	1
151	BACB10CF25PP		. . BEARING (REPLS BACB10A300DD)		1
152	50-11343-4		. . INDICATOR		1
153	BACN10JC3		. NUT (REPLS NAS679A3W)		1
154	AN960PD10L		. WASHER		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
155	NAS1103-7		. BOLT		1
156	6-63610-3000		. LINK ASSY		1
157	BACB10AC3L		. . BEARING (REPLS AN200KS3L)		2
158	6-63610-3001		. . LINK		1
159	66-22199-1		. SPACER		1
160	69-25367-3		. HANDLE ASSY, FLAP CONTROL *[1]	A	1
160	69-25367-5		. HANDLE ASSY, FLAP CONTROL (SB 22-1006)*[1]	A	1
160	69-25367-6		. HANDLE ASSY, FLAP CONTROL *[1] (OPT TO 69-25367-8)	ADGLX XA OB	1
160	69-25367-8		. HANDLE ASSY, FLAP CONTROL (OPT TO 69-25367-6)	XA OB	1
160	69-25367-5		. HANDLE ASSY, FLAP CONTROL (OPT TO 69-25367-7)	BCEFIJ K M-W Y-NB PB-RB	1
160	69-25367-7		. HANDLE ASSY, FLAP CONTROL (OPT TO 69-25367-5)	PA-WA YA-CB FB-NB PB-RB	1
161	MS16562-30		. . PIN (REPLS NAS561P3-16)		2
162	MS16562-25		. . PIN (REPLS NAS561P3-8)		1
163	65-32189-1		. . HANDLE ASSY (USED ON 69-25367-3, -5,-6)		1
163	65-32189-5		. . HANDLE ASSY (USED ON 69-25367-7, -8) (OPT TO 65-32189-9)		1
163	65-32189-9		. . HANDLE ASSY (USED ON 69-25367-7, -8) (OPT TO 65-32189-5)		1
164	65-32189-2		. . . HANDLE (USED ON 65-32189-1)		1
164	65-32189-6		. . . HANDLE (USED ON 65-32189-5)		1
164	65-32189-11		. . . HANDLE (USED ON 65-32189-9)		1
165	MS20427F4		. . . RIVET		1
166	63-1326		. . . PLUG (USED ON 65-32189-1,-5)		1
166	69-73389-1		. . . PLUG (USED ON 65-32189-9)		1
167	65C14183-33		. . KNOB (USED ON 69-25367-3,-5,-7)		1
167	65C14183-34		. . KNOB (USED ON 69-25367-6,-8)		1
167	66-1501-1		. . KNOB (USED ON 69-25367-6,-8)(OPT)		1
167	66-1501		. . KNOB (USED ON 69-25367-3,-5,-7) (OPT)		1
168	66-14222-2		. . STOP		1
169	66-21426-1		. . SPRING		1
170	NAS528A6		. . COLLAR		2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
171	BACR15AZ6-8		. . RIVET		2
172	65-1953-2		. . LEVER (USED ON 69-25367-3,-5,-6,-7, -8)		1
172	65-1953-3		. . LEVER (USED ON 69-25367-9)		1
173	65-1926-10		. . DRUM (USED ON 69-25367-3)		1
173	65-1926-8		. . DRUM ASSY (USED ON 69-25367-3) (OPT)		1
173	65-1926-11		. . DRUM (USED ON 69-25367-5,-6,-7,-8) (SB 22-1006)		1
174	BACR15BA4D		. . . RIVET (REPLS MS20426D4)		2
175	69-30436-1		. . . CAM, FLAP POSITION INDICATOR		1
176	65-1926-9		. . . DRUM		1
177	MS21208F1-10		. . INSERT (USED ON 69-25367-5,-6,-7,-8)		2
177A	65-77424-1		. SWITCH ASSY, AUTO THROTTLE *[1]	A	1
177A	65-77470-1		. SWITCH ASSY, AUTO THROTTLE *[1]	A	1
177A	65-77470-2		. SWITCH ASSY, AUTO THROTTLE *[1]	*[6]	1
177A	65-77470-3		. SWITCH ASSY, AUTO THROTTLE *[1]	AMS EA SA	1
177A	65-77470-4		. SWITCH ASSY	*[7]	1
177B	NAS623-3		. . SCREW (USED ON 65-77424-1)		2
177C	AN960PD10		. . WASHER (USED ON 65-77424-1)		2
177D	BACN10JC04		. . NUT (USED ON 65-77424-1, 65-77470-1,-2)		2
177D	BACN10JC04		. . NUT (USED ON 65-77470-3)		4
177D	69-76381-1		. . NUTPLATE ASSY (USED ON 65-77470-4) *[18]		1
177D	BACN10JC04		. . NUT (USED ON 65-77470-4) (OPT) *[18]		2
177E	NAS514P440-19		. . SCREW (USED ON 65-77424-1)		2
177F	BACS12CB04-22		. . SCREW (USED ON 65-77470-1,-3)		2
177F	BACS12CB04-19		. . SCREW (USED ON 65-77470-2,-3)		2
177F	BACS12CB04-23		. . SCREW (USED ON 65-77470-4)		2
177G	AN960PD4L		. . WASHER (USED ON 65-77424-1)		2
177G	AN960PD04		. . WASHER (USED ON 65-77470-1 THRU -4) *[18]		4
177G	AN960PD04		. . WASHER (USED ON 65-77470-3)		8
177H	AN960PD4		. . WASHER (USED ON 65-77424-1)		AR
177J	MS25253-4		. . SWITCH (USED ON 65-77424-1)		2
177J	MS25253-1		. . SWITCH (USED ON 65-77470-1 THRU -4)(OPT)		2
177J	MS25253-1		. . SWITCH (USED ON 65-77470-3)		4
177K	61-30071-001		. . WIRE BUNDLE (USED ON 65-77470-1, -3)		1
177K	61-30328		. . WIRE BUNDLE (USED ON 65-77470-4)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-177L	JV5		. . ACTUATOR, SWITCH, V91929 (USED ON 65-77424-1, 65-77470-1,-3)		2
177M	JV82		. . ACTUATOR, SWITCH, V91929 (USED ON 65-77470-2,-3,-4)		1
177N	69-60729-2		. . BRACKET (USED ON 65-77424-1)		1
177N	69-60779-2		. . SPACER (USED ON 65-77470-1,-3)		1
177P	BACR15BA5D		. . RIVET (REPLS MS20426D5)		3
177Q	69-60779-1		. . BRACKET (USED ON 65-77470-1,-2,-3)		1
177Q	69-60729-1		. . BRKT ASSY (USED ON 65-77424-1)		1
177R	BACN10JR3		. . . NUTPLATE (USED ON 69-60729-1)		2
177S	BACR15BA3D		. . . RIVET (REPLS MS20426D3) (USED ON 69-60729-1)		4
177T	69-60729-3		. . . BRKT (USED ON 69-60729-1)		1
177U	BACB30NE3H3		. . BOLT (USED ON 65-77424-1)		2
177U	BACB30NE3H4		. . BOLT (USED ON 65-77470-1 THRU -4)		2
177V	AN960PD10		. . WASHER		2
177W	69-60728-1		. . CAM (USED ON 65-77424-1)		1
177W	65-77471-1		. . CAM (USED ON 65-77470-1,-2,-3)		1
177W	65C14023-1		. . CAM (USED ON 65-77470-4)		1
177W	65C14023-2		. . CAM (USED ON 65-77470-4)(OPT)		1
177X	MS21208F1-10		. . INSERT (USED ON 65-77424-1) (USED WITH 69-25367-3)		2
177Y	69-67598-3		. . SPACER (USED ON 65-77470-4)		2
177Z	69-67598-1		. . BRACKET (USED ON 65-77470-4)		1
178	BACB10CF25PP		. BEARING (REPLS BACB10A300DD)		2
179	6-65852-2001		. SPACER		1
180	65-46506-2		. HANDLE ASSY, THRUST (SB 22-1012) *[2]	A	1
180	65-46506-4		. HANDLE ASSY, THRUST (SB 22-1012) *[2]	A	1
180	65-46506-6		. HANDLE ASSY, THRUST *[1]*[2]	A	1
180	65-46506-8		. HANDLE ASSY, THRUST (SB 71-1016) *[1]*[2]	A	1
180	65-46506-10		. HANDLE ASSY, THRUST (SB 22-1012) *[1]*[2]	A	1
180	65-46506-22		. HANDLE ASSY, THRUST *[1]*[2]	A	1
180	65-46506-30		. HANDLE ASSY, THRUST (SB 76-1002, 22-1012)*[1]*[2]	A	1
180	65-46506-36		. HANDLE ASSY, THRUST (SB 76-1002) *[1]*[2]	A	1
180	65-46506-38		. HANDLE ASSY, THRUST (SB 76-1002) *[1]*[2]	AI	1
180	65-46506-40		. HANDLE ASSY, THRUST (SB 76-1002) *[1]*[2]	A	1
180	65-46506-42		. HANDLE ASSY, THRUST (SB 76-1002, 22-1012)*[1]*[2]	A	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1104-180	65-46506-44		. HANDLE ASSY, THRUST (SB 76-1002, 22-1012)*[1]*[2]	ACF	1
180	65-46506-46		. HANDLE ASSY, THRUST *[1]*[2]	ADG	1
180	65-46506-48		. HANDLE ASSY, THRUST *[2]	BE	1
180	65C18257-8		. HANDLE ASSY, THRUST *[3]	N	1
180	65C18257-12		. HANDLE ASSY, THRUST *[3]	MS	1
180	65C18257-14		. HANDLE ASSY, THRUST *[3]	KPQT	1
180	65C18257-16		. HANDLE ASSY, THRUST *[3]	L	1
180	65C18257-18		. HANDLE ASSY, THRUST *[3]	JOR	1
180	65C18257-42		. HANDLE ASSY, THRUST *[3] (PRE SB 22-1027)	U	1
180	65C22117-5		. HANDLE ASSY, THRUST *[3] (POST SB 22-1027)	U	1
180	65C18257-68		. HANDLE ASSY, THRUST *[3]	VZ DA	1
180	65C18257-70		. HANDLE ASSY, THRUST *[3] (PRE SB 22-1027)	GA	1
180	65C18257-92		. HANDLE ASSY, THRUST *[3] (POST SB 22-1027)	GA	1
180	65C18257-72		. HANDLE ASSY, THRUST *[3]	EA	1
180	65C18257-74		. HANDLE ASSY, THRUST *[3]	W BA CA FA	1
180	65C18257-76		. HANDLE ASSY, THRUST *[3]	X	1
180	65C18257-78		. HANDLE ASSY, THRUST *[3]	Y	1
180	65C18257-92		. HANDLE ASSY, THRUST *[3]	HA IA	1
180	65C18257-126		. HANDLE ASSY, THRUST *[3]	JA LA MA PA QA RA JB KB	1
180	65C18257-130		. HANDLE ASSY, THRUST *[3]	SA EB	1
180	65C18257-132		. HANDLE ASSY, THRUST *[3]	TA-WA LB-NB	1
180	65C18257-134		. HANDLE ASSY, THRUST *[3]	XA OB	1
180	65C18257-136		. HANDLE ASSY, THRUST *[3]	KA YA PB	1
180	65C18257-139		. HANDLE ASSY, THRUST *[3]	NA OA ZA CB	1
180	65C18257-146		DELETED		
180	65C18257-149		. HANDLE ASSY, THRUST *[3] (SB 22-1063)	*[17]	1
181	65-46506-1		. HANDLE ASSY, THRUST (SB 22-1012) *[1]*[2]	A	1
181	65-46506-3		. HANDLE ASSY, THRUST (SB 22-1012) *[1]*[2]	A	1
181	65-46506-5		. HANDLE ASSY, THRUST *[1]*[2]	A	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-181	65-46506-7		. HANDLE ASSY, THRUST (SB 71-1016) *[1]*[2]	A	1
181	65-46506-9		. HANDLE ASSY, THRUST *[1]*[2]	A	1
181	65-46506-21		. HANDLE ASSY, THRUST *[1]*[2]	A	1
181	65-46506-29		. HANDLE ASSY, THRUST (SB 76-1002, 22-1012)*[1]*[2]	A	1
181	65-46506-35		. HANDLE ASSY, THRUST (SB 76-1002) *[1]*[2]	A	1
181	65-46506-37		. HANDLE ASSY, THRUST (SB 76-1002) *[1]*[2]	AI	1
181	65-46506-39		. HANDLE ASSY, THRUST (SB 76-1002, 22-1012)*[1]*[2]	A	1
181	65-46506-41		. HANDLE ASSY, THRUST (SB 76-1002) *[1]*[2]	A	1
181	65-46506-43		. HANDLE ASSY, THRUST (SB 76-1002, 22-1012)*[1]*[2]	ACF	1
181	65-46506-45		. HANDLE ASSY, THRUST *[1]*[2]	ADG	1
181	65-46506-47		. HANDLE ASSY, THRUST	BE	1
181	65C18257-7		. HANDLE ASSY, THRUST *[3]	N	1
181	65C18257-11		. HANDLE ASSY, THRUST *[3]	MS	1
181	65C18257-13		. HANDLE ASSY, THRUST *[3]	KPQT	1
181	65C18257-15		. HANDLE ASSY, THRUST *[3]	L	1
181	65C18257-17		. HANDLE ASSY, THRUST *[3]	JOR	1
181	65C18257-41		. HANDLE ASSY, THRUST *[3] (PRE SB 22-1027)	U	1
181	65C22117-4		. HANDLE ASSY, THRUST *[3] (POST SB 22-1027)	U	1
181	65C18257-67		. HANDLE ASSY, THRUST *[3]	VZ DA	1
181	65C18257-69		. HANDLE ASSY, THRUST *[3] (PRE SB 22-1027)	GA	1
181	65C18257-91		. HANDLE ASSY, THRUST *[3] (POST SB 22-1027)	GA	1
181	65C18257-71		. HANDLE ASSY, THRUST *[3]	EA	1
181	65C18257-73		. HANDLE ASSY, THRUST *[3]	W BA CA FA	1
181	65C18257-75		. HANDLE ASSY, THRUST *[3]	X	1
181	65C18257-77		. HANDLE ASSY, THRUST *[3]	Y	1
181	65C18257-91		. HANDLE ASSY, THRUST *[3]	HA IA	1
181	65C18257-125		. HANDLE ASSY, THRUST *[3]	JA LA MA PA QA RA JB KB	1
181	65C18257-129		. HANDLE ASSY, THRUST *[3]	SA EB	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-181	65C18257-131		. HANDLE ASSY, THRUST *[3]	TA-WA LB-NB	1
181	65C18257-133		. HANDLE ASSY, THRUST *[3]	XA OB	1
181	65C18257-135		. HANDLE ASSY, THRUST *[3]	KA YA PB	1
181	65C18257-138		. HANDLE ASSY, THRUST *[3]	NA OA ZA CB	1
181	65C18257-145		. DELETED		
181	65C18257-148		. HANDLE ASSY, THRUST *[3] (SB 22-1063)	*[17]	1
182	6-65852-2000		. SPACER		2
182A	3-86451-1		. SHIM	A-CB FB-RB	1
183	BACB10CF25PP		. BEARING (REPLS BACB10A300DD)(OPT)		2
183	BACB10AS25		. BEARING	V-FB JB-RB	2
184	65-23761-5		. LEVER ASSY, START SYSTEM *[2]	A	1
184	65-23761-15		. LEVER ASSY, START SYSTEM *[2]	A-OA	1
184	65-23761-17		. LEVER ASSY, START SYSTEM *[2](OPT)	PA-RB	1
184	65-23761-15		. LEVER ASSY, START SYSTEM *[2](OPT)	PA-RB	1
184	65-23761-19		. LEVER ASSY, START SYSTEM *[2](OPT)	PA-CB FB-RB	1
185	65-23761-4		. LEVER ASSY, START SYSTEM *[2]	A	1
185	65-23761-16		. LEVER ASSY, START SYSTEM *[2]	A-OA	1
185	65-23761-18		. LEVER ASSY, START SYSTEM *[2](OPT)	PA-RB	1
185	65-23761-16		. LEVER ASSY, START SYSTEM *[2](OPT)	PA-RB	1
185	65-23761-20		. LEVER ASSY, START SYSTEM *[2](OPT)	PA-CB FB-RB	1
186	6-65852-3		. SPACER		2
187	3-94317		. SHIM		AR
188	66-1314-1		. SPACER		1
189	69-1977		. SHAFT		1
190	3-94317		. SHIM		AR
190	3-86451		. SHIM		AR
191	65-45125-6		. HANDLE ASSY, SPEED BRAKE (REPLD BY 65-45125-9)	A	1
191	65-45125-8		. HANDLE ASSY, SPEED BRAKE (REPLD BY 65-45125-10)	A	1
191	65-45125-9		. HANDLE ASSY, SPEED BRAKE (REPLS 65-45125-6)*[1]	AC	1
191	65-45125-10		. HANDLE ASSY, SPEED BRAKE (REPLS 65-45125-8)*[1]	AD	1
191	65-45125-13		. HANDLE ASSY, SPEED BRAKE	B	1
191	65-45125-20		. HANDLE ASSY, SPEED BRAKE	*[8]	1
191	65-45125-21		. HANDLE ASSY, SPEED BRAKE *[1]	*[9]	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-191	65-45125-22		. HANDLE ASSY, SPEED BRAKE	GLX XA OB	1
192	NAS561C3-9		. . PIN, SPRING		1
193	65-1970-13		. . HANDLE ASSY(USED ON 65-45125-20, -21,-22)		1
193	65-1970-10		. . HANDLE, WELD ASSY,(USED ON 65-45125-20,-21,-22; OPT TO 65-1970-13)		1
193	65-1970-7		. . HANDLE ASSY (USED ON 65-45125-20, -21,-22; OPT TO 65-1970-10) (REPLS 65-1970-5, SB 27-1087)		1
193	65-1970-5		. . HANDLE ASSY (USED ON 65-45125-6, -8,-9,-10,-13)(REPLD BY 65-1970-7, SB 27-1087)		1
194	65-1970-11		DELETED		
195	66-14301-1		. . . PLUG (USED ON 65-1970-5,-7)		1
195	69-73303-1		DELETED		
196	65-1970-4		. . . HANDLE (USED ON 65-1970-5)		1
196	65-1970-8		. . . HANDLE (USED ON 65-1970-7)		1
196	65-1970-12		DELETED		
197	63-1406		. . SPRING, COMPRESSION		1
198	66-14222-1		. . STOP		1
199	BACB30LU3-1		. . BOLT (REPLS BACB30FL3-1)		2
200	65C14183-36		. . KNOB (USED ON 65-45125-6,-9,-13,-20, -21)		1
200	6-73865-2000		. . KNOB (USED ON 65-45125-6,-9,-13,-20, -21)(OPT)		1
200	65C14183-37		. . KNOB (USED ON 65-45125-8,-10,-22)		1
200	6-73865-3000		. . KNOB (USED ON 65-45125-8,-10,-22) (OPT)		1
201	65-21898-4		. . LEVER ASSY (USED ON 65-45125-6,-8)		1
201	65-21898-9		. . LEVER ASSY (USED ON 65-45125-9, -10,-13)		1
201	65-21898-12		. . LEVER ASSY (USED ON 65-45125-20, -21,-22)		1
201	65-21898-9		. . LEVER ASSY (USED ON 65-45125-20, -21,-22)(OPT)		1
202	BACB10CF25PP		. . . BEARING (REPLS BACB10A300DD) (USED ON 65-21898-4,-9)		1
202	BACB10AS25		. . . BEARING (USED ON 65-21898-12)		1
203	65-21898-5		. . . LEVER (USED ON 65-21898-4)		1
203	65-21898-10		. . . LEVER (USED ON 65-21898-9)		1
203	65-21898-13		. . . LEVER (USED ON 65-21898-12)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-203A	69-67096-1		. . ACTUATOR, SWITCH (USED ON 65-45125-13,-20)		1
203B	BACS12BP08C3		. . SCREW (USED ON 65-45125-13,-20)		2
203B	BACS12BP08A3		. . SCREW (USED ON 65-45125-13,-20) (OPT)		2
204	6-65852-4		. SPACER		1
205	BACB10CF25PP		. BEARING (REPLS BACB10A300DD)		1
206	3-94317		. SHIM		AR
206	3-86451		. SHIM		AR
207	50-11343-1		. INDICATOR ASSY, STABILIZER TRIM	A-OA	1
207	50-11343-7		. INDICATOR ASSY, STABILIZER TRIM	PA-RB	1
207	50-11343-1		. INDICATOR ASSY, STABILIZER TRIM (OPT)	PA-RB	1
208	BACB10CF25PP		. . BEARING (REPLS BACB10A300DD) (USED ON 50-11343-1)		1
208	BACB10AS25		. . BEARING (USED ON 50-11343-7)		1
209	50-11343-3		. . INDICATOR		1
210	BACR15BA6D		. . RIVET (REPLS MS20426D6) (USED ON 50-11343-1)		1
211	BACW10Q3		. . WASHER (REPLS AN960-10L)		1
212	6-63610-3000		. . LINK ASSY		1
213	6-63610-3001		. . . LINK		1
214	BACB10AC3L		. . . BEARING (REPLS AN200KS3L)		2
215	3-94317		. SHIM		1
216	MS24665-132		. PIN, COTTER		1
217	AN960PD10L		. WASHER		1
218	MS20392-2C43		. PIN		1
219	NAS43DD3-21		. SPACER		1
220	69-70178-2		. LEVER, STABILIZER SWITCH		1
220	69-17095-1		. LEVER ASSY, STABILIZER SWITCH (OPT)		1
221	69-17095-4		. . PIN		1
222	69-17095-2		. . LEVER		1
223	69-70178-1		. LEVER, STABILIZER SWITCH		1
223	69-17095		. LEVER ASSY, STABILIZER SWITCH (OPT)		1
224	69-17095-4		. . PIN		1
225	69-17095-3		. . LEVER		1
226	BACB30LU2-1		. BOLT (REPLS BACB30FL2-00)	A	2
226	BACB30LU2-00		. BOLT	B-FB JB-RB	2
227	66-1884		. LEVER ASSY, PARKING BRAKE	*[10]	1
227	66-1884		. LEVER ASSY, PARKING BRAKE (OPT TO 66-1884-5)	*[16]	1
227	66-1884-4		. LEVER ASSY, PARKING BRAKE (OPT TO 66-1884-6)	ADGLX XA OB	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-227	66-1884-5		. LEVER ASSY, PARKING BRAKE (OPT TO 66-1884)	*[16]	1
227	66-1884-6		. LEVER ASSY, PARKING BRAKE (OPT TO 66-1884-4)	ADGLX XA OB	1
228	MS20253-2-108		. . PIN (REPLD BY MS20253-2-82)		1
228	MS20253-2-82		. . PIN (USED ON 66-1884-0,-4,-5,-6)		1
229	69-1936		. . LEVER ASSY (USED ON 66-1884)		1
229	69-1936-6		. . LEVER ASSY (USED ON 66-1884-4)		1
229	69-1936-7		. . LEVER ASSY (USED ON 66-1884-5)		1
229	69-1936-8		. . LEVER ASSY (USED ON 66-1884-6)		1
230	69-1936-2		. . . PIN		1
231	69-1936-1		. . . LEVER		1
232	66-1884-1		. . HINGE-HALF ASSY		1
233	BACN10JP08A		. . . NUTPLATE (REPLS BACN10AM5A08)		2
234	BACR15BA3D		. . . RIVET (REPLS MS20426D3, AN426AD3)		4
235	66-1884-2		. . . HINGE-HALF		1
236	BACN10JC3		. NUT (REPLS NAS679A3W)		2
237	AN960PD10		. WASHER		2
238	BACB30LU3-46		. BOLT (REPLS NAS333CPA32)		1
239	NAS1103-44W		. BOLT	*[11]	1
240	63-1471-1		. GUARD, CABLE	*[11]	2
240	63-1471-1		. GUARD, CABLE	*[7]	1
240	63-1471-1		. GUARD, CABLE	JB-RB	1
241	NAS604-10P		. SCREW		2
241	NAS604-14P		. SCREW (USED WITH 69-60772-1, ITEM 249)*[1]	A-INY KA YA	2
242	AN960PD416		. WASHER		2
243	NAS514P428-16P		. SCREW	A	2
243	NAS514P428-12P		. SCREW (USED WITH 69-60772-1, ITEM 249)*[1]	ANY	2
244	66-15237-3		. SUPPORT ASSY	A-INY KA YA PB	2
245	66-15237-4		. . PLATE		1
246	BACR15BA3D		. . RIVET (REPLS MS20426D3)		4
246	BACR15DR3AC		. . RIVET (OPT)		4
247	BACN10JN4		. . NUTPLATE (REPLS NAS680A4)		2
248	65-45125-5		. SHIM *[1]	A	2
248	65-45125-7		. SHIM *[1]	A-I NY KA YA	1
248	65-45125-7		. SHIM	PB	1
249	69-35354-4		. ROLLER ASSY, REVERSE THRUST DETENT *[1]*[2]	A	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
249	69-35354-3		. ROLLER ASSY, REVERSE THRUST DETENT (OPT)*[1]*[2]	A	1
249	69-35354-5		. ROLLER ASSY, REVERSE THRUST DETENT *[1]*[2]	A	1
249	69-35354-6		. ROLLER ASSY, REVERSE THRUST DETENT *[1]*[2]	A	1
249	69-60772-1		. ROLLER ASSY, REVERSE THRUST DETENT *[1]*[2]	A-INY KA YA PB	1
250	BACR15BB5D		. RIVET (REPLS MS20470D5)		2
251	66-15237-2		. SUPPORT	A	1
252	BACB30LU3-2		. BOLT (REPLS BACB30FL3-1)		4
253	69-26858-2		. DETENT, START HANDLE *[1]	*[12]	2
253	65C29262-10		. DETENT, START HANDLE *[1] (SB 22-1063)	*[12]	2
253	69-36643-1		. DETENT, START HANDLE *[1]	AOPZ BA LA QA UA	2
254	BACR15BA3D		. RIVET (REPLS MS20426D3)		8
255	BACN10JP3A		. NUTPLATE (REPLS NAS697A3)		4
256	MS24665-285		. PIN, COTTER		1
257	BACN10JD108		. NUT (REPLS AN320-8)		1
258	AN960PD816		. WASHER		1
259	66-1882		. BOLT, DRUM SUPPORT		1
260	63-1472		. SHIM		2
261	NAS43DD8-43		. SPACER		1
262	NAS43DD8-36		. SPACER		2
263	NAS43DD8-72		. SPACER		1
264	NAS43DD8-115		. SPACER		1
265	65-45136-1		. DRUM ASSY, ENGINE START *[1]*[2]	A	2
265	65-45136-4		. DRUM ASSY, ENGINE START *[1]*[2]	AQCA VA EB MB	2
266	65-45136-7		. DRUM ASSY, ENGINE START *[1]*[2] (SB 28-1020)(PRE SB 28-1035)	AOPZ BA	1
266	65-45136-7		. DRUM ASSY, ENGINE START *[1]*[2] (PRE SB 28-1035)	LA	1
266	65-45136-13		. DRUM ASSY, ENGINE START *[1]*[2] (POST SB 28-1035)	AOPZ BA LA	1
266	65-45136-9		. DRUM ASSY, ENGINE START *[1]*[2] (SB 28-1020)	A-N R-Y DA-GA	1
266	65-45136-9		. DRUM ASSY, ENGINE START *[1]*[2] (PRE SB 28-1035)	HA-KA MA-OA	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-266	65-45136-11		. DRUM ASSY, ENGINE START *[1]*[2] (POST SB 28-1035)	A-N R-Y DA-KA MA-OA	1
266	65-45136-11		. DRUM ASSY, ENGINE START *[1]*[2]	PA RA-TA WA-CB FB-LB NB-RB	1
266	65-45136-13		. DRUM ASSY, ENGINE START *[1]*[2]	QA UA	1
267	65-45136-8		. DRUM ASSY, ENGINE START *[1]*[2] (SB 28-1020)(PRE SB 28-1035)	AOPZ BA	1
267	65-45136-8		. DRUM ASSY, ENGINE START *[1]*[2] (PRE SB 28-1035)	LA	1
267	65-45136-14		. DRUM ASSY, ENGINE START *[1]*[2] (POST SB 28-1035)	AOPZ BA LA	1
267	65-45136-10		. DRUM ASSY, ENGINE START *[1]*[2] (SB 28-1020)(PRE SB 28-1035)	A-N R-Y DA-GA	1
267	65-45136-10		. DRUM ASSY, ENGINE START *[1]*[2] (PRE SB 28-1035)	HA-KA MA-OA	1
267	65-45136-12		. DRUM ASSY, ENGINE START *[1]*[2] (POST SB 28-1035)	A-N R-Y DA-KA MA-OA	1
267	65-45136-12		. DRUM ASSY, ENGINE START *[1]*[2]	PA RA-TA WA-CB FB-LB NB-RB	1
267	65-45136-14		. DRUM ASSY, ENGINE START *[1]*[2]	QA UA	1
268	69-38179-1		. BRACKET *[1]	AQ CA VA EB MB	1
268	69-38179-7		. BRACKET *[1] (OPT)	AQ CA VA EB MB	1
268A	69-38179-3		. BRACKET ASSY *[1] (SB 28-1020) (PRE SB 28-1035)	A-P R-BA DA-GA	1
268A	69-38179-3		. BRACKET ASSY *[1] (PRE SB 28-1035)	HA-JA LA-RA TA ZA CB FB IB	1
268A	69-38179-9		. BRACKET ASSY *[1] (POST SB 28-1035)	A-P R-U	1
268A	69-38179-9		. BRACKET ASSY *[1]	V-BA DA-UA WA-CB FB-IB	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
268A	69-38179-11		. BRACKET ASSY	JB-LB NB-RB	1
268B	69-38179-1		. BRACKET (USED ON 69-38179-3)		1
268B	69-38179-7		. BRACKET (USED ON 69-38179-9,-11)		1
268C	BACR15BB4D		. RIVET		4
268D	69-38179-5		. CLIP		2
268E	BACN10JC06		. NUT		4
268F	AN960PD6		. WASHER		4
268G	NAS601-17P		. SCREW		4
268H	BACA12D2		. ACTUATOR		2
268J	MS25011-2		. SWITCH		2
268J	1HS165		. SWITCH	JB-LB NB-RB	2
268K	66-25664-1		. SHIELD	CFK	2
269	69-38179-2		. BRACKET *[1]	AQ CA VA EB MB	1
269	69-38179-8		. BRACKET *[1] (OPT)	AQ CA VA EB MB	1
269A	69-38179-4		. BRACKET ASSY *[1] (SB 28-1020) (PRE SB 28-1035)	A-P R-BA DA-GA	1
269A	69-38179-4		. BRACKET ASSY *[1] (PRE SB 28-1035)	HA-JA LA-RA TA ZA CB FB-IB	1
269A	69-18179-10		. BRACKET ASSY *[1] (POST SB 28-1035)	A-P R-U	1
269A	69-38179-10		. BRACKET ASSY *[1]	V-BA DA-UA WA-CB FB-IB	1
269A	69-38179-12		. BRACKET ASSY	JB-LB NB-RB	1
269B	69-38179-2		. . BRACKET (USED ON 69-38179-4)		1
269B	69-38179-8		. . BRACKET (USED ON 69-38179-10,-12)		1
269C	BACR15BB4D		. . RIVET		4
269D	69-38179-5		. . CLIP		2
269E	BACN10TL3-6		. . NUT, SPACER PLATE		1
269F	BACR15BB3D		. . RIVET		2
270	BACN10JC06		. NUT (REPLS NAS679A06W)		2
271	AN960PD6		. WASHER		2
272	NAS601-54P		. SCREW		2
273	BZ2R55156T		. SWITCH, V91929 *[1]	*[14]	4
273	BZ2R55156T		. SWITCH, V91929 *[1]	*[13]	2
274	MS25011-2		. SWITCH *[1]	*[13]	2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-275	AD5721R		. ACTUATOR, V91929 (USED WITH BZ2R55156T) *[1]	*[14]	4
275	AD5721R		. ACTUATOR, V91929 (USED WITH BZ2R55156T)*[1]	*[13]	2
276	BACA12D2		. ACTUATOR (USED WITH MS25011-2) *[1]	*[13]	2
277	50-5560-11		. CHAIN ASSY		1
278	BACC13ACF399 T817		. CABLE, FLAP CONTROL (OPT)		1
278	69-77085-3		. CABLE, FLAP CONTROL	PA-RA TA VA-ZA FB-RB	1
279	BACC13ACE11 30T2246		. CABLE, THRUST CONTROL (OPT)		2
279	69-77085-3		. CABLE, FLAP CONTROL	PA-RA TA VA-ZA FB-RB	2
280	MS24665-134		. PIN, COTTER		2
281	BACC13ACF22 08T4203		. CABLE, START CONTROL (OPT)		2
281	69-77085-2		. CABLE, START CONTROL	PA-RA TA VA-ZA FB-RB	2
282	AN960PD06		. WASHER *[1]		4
283	BACN10JC06		. NUT *[1]		4
284	NAS601-17P		. SCREW *[1]		4
285	MS24586-537		. SPRING	*[7]	1
286	BACN10JC3		. NUT	*[7]	1
287	AN960PD10		. WASHER	*[7]	1
288	NAS1103-44W		. BOLT	*[7]	1
289	69-66430-4		. GUARD, CABLE	*[7]	1
290	69-66525-2		. RETAINER, SPRING	*[7]	1
291	AN960PD10		. WASHER	*[7]	AR
292	AN960PD10L		. WASHER	*[7]	AR
293	NAS43DD3-14		. SPACER	*[7]	1
294	69-66430-2		. GUARD, CABLE	*[7]	1
295	BACN10JC4		. NUT	*[7]	1
296	AN960PD416L		. WASHER	*[7]	1
296A	BACB28Y4E019		. BUSHING	*[7]	1
297	AN960PD416		. WASHER	*[7]	AR
298	AN960PD416L		. WASHER	*[7]	AR
299	65-88808-3		. ARM, LIFTING (PRE SB 32-1100)	BEJORU	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
299	65-88808-2		. ARM, LIFTING (OPT) (PRE SB 32-1100)	BEJORU	1
299	69-70896-4		. ARM, LIFTING (POST SB 32-1100)	BEJORU	1
299	69-70896-4		. ARM ASSY, LIFTING	*[15]	1
299A	69-70896-5		. . ARM		1
299B	MS21209C0815		. . INSERT		1
299C	BACS12BF08-7		. . SCREW		1
300	AN960PD616		. WASHER	*[7]	AR
301	AN960PD616L		. WASHER	*[7]	AR
302	NAS43DD6-15		. SPACER	*[7]	1
303	65-88644-1		. CAM FOLLOWER ASSY	*[7]	2
304	65-88644-2		. . CAM FOLLOWER		1
305	BACB10AT2MM		. . BEARING		1
306	NAS620A5L		. . WASHER		1
307	BACR15DX4N		DELETED		
307	69-74693-1		. . RIVET		1
308	NAS43DD6-44		. SPACER	*[7]	1
309	NAS43DD6-76		. SPACER	*[7]	1
310	69-66525-1		. RETAINER, SPRING	*[7]	1
311	AN960PD616		. WASHER	*[7]	1
312	69-66512-1		. ARM, SWITCH	*[7]	1
313	65-88645-1		. SHAFT	*[7]	1
314	65C10042-1		. COVER	*[7]	1
315	MS25253-1		. SWITCH (PRE SB 27-1100)	BEJORU	1
315	V3L222B		. SWITCH, V91929 (POST SB 27-1100)	BEJORU	1
315	V3L2228		. SWITCH, V91929	*[15]	1
315	J3L2228		DELETED		
316	JV5		. ACTUATOR, V91929 (PRE SB 27-1100)	BEJORU	1
316A	61-31022-001		. WIRE BUNDLE	*[7]	1
317	NAS514P632-14		. SCREW	*[7]	3
318	BACN10JC04		. NUT	*[7]	2
319	AN960PD4L		. WASHER	*[7]	2
320	NAS600-11P		. SCREW	*[7]	2
321	MS25253-2		. SWITCH	*[7]	1
322	JV5		. ACTUATOR, V91929	BEJORU	1
323	MS16998-27		. CAP SCREW	*[7]	1
324	AN960PD10		. WASHER	*[7]	1
325	69-66426-1		. MOUNT, SWITCH	*[7]	1
326	69-66424-1		. SETSCREW	*[7]	1
327	BACM10L00-1BJV		. FOIL MARKER	B-FB JB-RB	1
328	MS18066-62		. SETSCREW	*[7]	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
-900	69-76381-1		NUTPLATE ASSY (REF ITEM 177D)		RF
-905	BACN10JP04B		. NUTPLATE		2
-910	BACR15BA3D		. RIVET		4
-915	69-76381-2		. PLATE		1

*[1] AIRLINE OPTION FOR 65-45125-1
*[2] REF OHM 76-14-11
*[3] REF OHM 76-18-05
*[4] BCEFI-KM-WY-WA YA-NB PB-RB
*[5] DELETED
*[6] ACDFGIKLNPQTWXY BA CA FA KA TA-YA EB LB-PB
*[7] BEJORUVZ DA GA-JA LA-RA ZA-CB FB-KB QB RB
*[8] EJORUVZ DA GA-JA LA-RA ZA-CB FB-KB QB RB
*[9] FIKMNPQSTWY BA CA EA FA KA SA-WA YA EB LB-NB PB
*[10] ABCEFIJKM-WY-OA
*[11] ACDFGIK-NPQSTWXY BA CA EA FA KA SA-YA EB
*[12] A-N Q-Y CA-KA MA-PA RA-TA YA-GB JB-PB
*[13] A-Q U-CA GA HA JA KA LA NA PA QA TA UA VA XA YA ZA DB-HB JB LB MB OB-QB
*[14] ARST DA EA FA IA MA OA RA SA WA CB IB KB NB RB
*[15] VZ DA GA-JA LA-RA ZA-CB FB-KB QB RB
*[16] PA-WA YA-CB FB-NB PB-RB
*[17] HA IA NA OA ZA CB FB-IB QB RB
*[18] BACN10JC04 NUTS USED WITH AN960PD04 WASHERS OPTIONAL TO 69-76381-1 NUTPLATE ASSEMBLY. FOR BREAKDOWN OF NUTPLATE ASSEMBLY SEE ITEM 900
*[19] SHAFT P/N 69-1977-1 REWORKED INTO P/N 65C31505-2 PER SB 27-1204

VENDORS

V05617 IDD AEROSPACE CORP., 18225 N.E. 76TH ST., P.O. BOX 97056, REDMOND, WASHINGTON 98073-9756

V12324 DUPREE, INC., STAKE FASTENER CO., 14395 RAMONA, P.O. BOX 1797, CHINO, CALIFORNIA 91708

V51896 SPECTRA LUX CORP., 1825 120TH AVE. N.E., KIRKLAND, WASHINGTON 98034

V91929 HONEYWELL, INC., MICROSWITCH DIV., 11 W.ST SPRING ST., FREEPORT, ILLINOIS 61032

Part No.	Fig. and Index No.	Qty. per Assy.
AD5721R	1101-275	2
AD5721R	275	4
AN256F8	118D	1
AN960D10L	111	8
AN960D10L	118F	2
AN960PD04	177G	4
AN960PD04	177G	8
AN960PD06	282	4
AN960PD10	127	2
AN960PD10	130	2
AN960PD10	139	1
AN960PD10	177C	2
AN960PD10	177V	2
AN960PD10	237	2
AN960PD10	287	1
AN960PD10	291	AR
AN960PD10	324	1
AN960PD10L	127A	2
AN960PD10L	133	1
AN960PD10L	138	2
AN960PD10L	154	1
AN960PD10L	217	1
AN960PD10L	292	AR
AN960PD4	124C	2
AN960PD4	177H	AR
AN960PD416	242	2
AN960PD416	297	AR
AN960PD416L	296	1
AN960PD416L	298	AR
AN960PD4L	177G	2
AN960PD4L	319	2
AN960PD6	268F	4
AN960PD6	271	2
AN960PD616	300	AR
AN960PD616	311	1
AN960PD616L	301	AR
AN960PD816	258	1
B5540WZZFS428	142	2
BAACN10JP3A	125F	4
BACA12D2	268H	2
BACA12D2	276	2
BACB10A28DD	142	3
BACB10A682	139A	2
BACB10AC3L	157	2
BACB10AC3L	214	2
BACB10AS25	183	2
BACB10AS25	202	1
BACB10AS25	208	1

Part No.	Fig. and Index No.	Qty. per Assy.
BACB10AT2MM	305	1
BACB10CF14PP	142	3
BACB10CF25PP	151	1
BACB10CF25PP	178	2
BACB10CF25PP	183	2
BACB10CF25PP	202	1
BACB10CF25PP	205	1
BACB10CF25PP	208	1
BACB28B4-185	84	1
BACB28B4-198	84A	1
BACB28B6-255P	118C	1
BACB28Y4E019	296A	1
BACB30LL3D10	128	2
BACB30LU04-4	124B	2
BACB30LU2-00	226	2
BACB30LU2-1	226	2
BACB30LU2-2	55A	4
BACB30LU2-3	85	2
BACB30LU3-1	125H	4
BACB30LU3-1	199	2
BACB30LU3-1	21	1
BACB30LU3-1	97	1
BACB30LU3-2	113	3
BACB30LU3-2	22	3
BACB30LU3-2	252	4
BACB30LU3-2	56	17
BACB30LU3-2	66	5
BACB30LU3-2	87	3
BACB30LU3-25	75	1
BACB30LU3-3	34	2
BACB30LU3-3	35	3
BACB30LU3-3	36	2
BACB30LU3-3	37	2
BACB30LU3-3	38	4
BACB30LU3-3	84F	2
BACB30LU3-46	238	1
BACB30LU3-6	6	4
BACB30LU3-94	107	1
BACB30LU3D10	128	2
BACB30NE3H3	177U	2
BACB30NE3H4	177U	2
BACC10DK2	118H	2
BACC13ACE1130T 2246	279	2
BACC13ACF2208T 4203	281	2
BACC13ACF399 T817	278	1
BACF33D205-025	103	1

Part No.	Fig. and Index No.	Qty. per Assy.
BACG20ZB070	1101-124Q	2
BACM10L00-1BJV	327	1
BACN10A048	1	2
BACN10JC04	177D	2
BACN10JC04	177D	2
BACN10JC04	177D	4
BACN10JC04	318	2
BACN10JC06	268E	4
BACN10JC06	270	2
BACN10JC06	283	4
BACN10JC3	106	1
BACN10JC3	110	8
BACN10JC3	118E	2
BACN10JC3	126	2
BACN10JC3	132	1
BACN10JC3	136	1
BACN10JC3	153	1
BACN10JC3	236	2
BACN10JC3	286	1
BACN10JC3	4	4
BACN10JC4	295	1
BACN10JD108	257	1
BACN10JN04	49	2
BACN10JN04	59	2
BACN10JN04	63	2
BACN10JN06	124V	6
BACN10JN06	50	4
BACN10JN08	105	2
BACN10JN4	247	2
BACN10JP04B	-905	2
BACN10JP08A	233	2
BACN10JP3A	255	4
BACN10JP3A	35A	3
BACN10JP3B	84H	2
BACN10JP3C	100	1
BACN10JP3D	53	2
BACN10JR08F	55B	4
BACN10JR3	177R	2
BACN10JR3F	124W	5
BACN10JR3F	36A	6
BACN10JR3F	37A	4
BACN10JR3F	74	11
BACN10JR3F	74A	11
BACN10JR3F	83	1
BACN10JR3F	90	6
BACN10KB3F	124U	1
BACN10KB3F	38A	1
BACN10KB3F	73	10

Part No.	Fig. and Index No.	Qty. per Assy.
BACN10KB3F	91	3
BACN10KF3	72	2
BACN10KF3	80	2
BACN10RB4	1	2
BACN10TL3-3	91A	1
BACN10TL3-6	269E	1
BACN110JC04	124D	2
BACP20BA	118I	2
BACR15AZ6-8	171	2
BACR15BA3A	68	4
BACR15BA3D	102	2
BACR15BA3D	104	4
BACR15BA3D	124X	24
BACR15BA3D	125G	8
BACR15BA3D	177S	4
BACR15BA3D	234	4
BACR15BA3D	246	4
BACR15BA3D	254	8
BACR15BA3D	35B	6
BACR15BA3D	36B	12
BACR15BA3D	37B	10
BACR15BA3D	48	12
BACR15BA3D	52	4
BACR15BA3D	58	4
BACR15BA3D	62	4
BACR15BA3D	71	46
BACR15BA3D	74B	22
BACR15BA3D	79	4
BACR15BA3D	82	2
BACR15BA3D	84G	4
BACR15BA3D	89	18
BACR15BA3D	-910	4
BACR15BA3D	99	2
BACR15BA4D	124N	4
BACR15BA4D	124N	5
BACR15BA4D	174	2
BACR15BA4D	54	4
BACR15BA5D	116	4
BACR15BA5D	124T	12
BACR15BA5D	177P	3
BACR15BA5D	43	2
BACR15BA5D	46C	3
BACR15BA5D	71A	9
BACR15BA5D	92	8
BACR15BA6D	210	1
BACR15BB3D	269F	2
BACR15BB4D	268C	4
BACR15BB4D	269C	4

Part No.	Fig. and Index No.	Qty. per Assy.
BACR15BB5A	1101-122	3
BACR15BB5D	250	2
BACR15DR3	89A	2
BACR15DR3AC	246	4
BACR15DX4N	307	
BACS12BF08-7	299C	1
BACS12BP08A3	203B	2
BACS12BP08C3	203B	2
BACS12CA3-8	134	1
BACS12CB04-19	177F	2
BACS12CB04-22	177F	2
BACS12CB04-23	177F	2
BACS12N10-9	119	2
BACS40R07C20F	46	1
BACS40R07C24F	46B	1
BACS40R07C30F	46A	1
BACS40RO7D22F	84B	1
BACW10Q3	211	1
BZ2R55156T	273	2
BZ2R55156T	273	4
J3L2228	315	
JV5	177L	2
JV5	316	1
JV5	322	1
JV82	177M	1
MS16562-25	162	1
MS16562-30	161	2
MS16624-1046	16	1
MS16624-1050	16	1
MS16998-27	323	1
MS18066-62	328	1
MS20253-2-108	228	1
MS20253-2-82	228	1
MS20392-2-17	131	2
MS20392-2C17	131	2
MS20392-2C43	218	1
MS20426D5	71B	1
MS20427F4	165	1
MS20470D6	124F	4
MS20615-3M	11	1
MS21208F1-10	177	2
MS21208F1-10	177X	2
MS21209C0815	299B	1
MS24586-537	285	1
MS24665-132	129	2
MS24665-132	216	1
MS24665-134	280	2
MS24665-285	256	1

Part No.	Fig. and Index No.	Qty. per Assy.
MS25011-2	268J	2
MS25011-2	274	2
MS25253-1	177J	2
MS25253-1	177J	4
MS25253-1	315	1
MS25253-2	321	1
MS25253-4	177J	2
NAS1103-44W	239	1
NAS1103-44W	288	1
NAS1103-7	155	1
NAS1103-9	134	1
NAS1197-10L	5	4
NAS42DD6-370	108	1
NAS42DD6-7	118G	2
NAS43DD14-347	143	1
NAS43DD14-70	144	1
NAS43DD3-14	293	1
NAS43DD3-21	219	1
NAS43DD3-478	139B	1
NAS43DD3-95	76	1
NAS43DD6-15	302	1
NAS43DD6-44	308	1
NAS43DD6-76	309	1
NAS43DD8-115	264	1
NAS43DD8-36	262	2
NAS43DD8-43	261	1
NAS43DD8-72	263	1
NAS514P428-12P	243	2
NAS514P428-16P	243	2
NAS514P440-12	124R	1
NAS514P440-19	177E	2
NAS514P440-8B	124B	2
NAS514P632-14	317	3
NAS514P632-4	23	3
NAS514P632-5	26	12
NAS514P632-5	53B	2
NAS51-50	16	1
NAS528A6	170	2
NAS538B6P013	84E	1
NAS561C3-9	192	1
NAS600-11P	320	2
NAS601-17P	268G	4
NAS601-17P	284	4
NAS601-54P	272	2
NAS604-10P	241	2
NAS604-14P	241	2
NAS620A5L	306	1
NAS623-3	177B	2

Part No.	Fig. and Index No.	Qty. per Assy.
NAS623-3-2	1101-77	2
NAS623-3-3	112	5
NAS623-3-6	118J	2
NAS670-50	16	1
SFSW4C9DL01BK	2E	8
V3L2228	315	1
V3L222B	315	1
10-61800-194	2A	1
10-61800-222	2B	1
10-61800-224	2A	1
10-61800-226	2B	1
10-61800-230	2C	1
10-61800-232	2D	1
10-61800-260	2C	1
10-61800-262	2D	1
1HS165	268J	2
3-86451	190	AR
3-86451	206	AR
3-86451-1	182A	1
3-87052	14	1
3-87075	147	2
3-94317	149	1
3-94317	187	AR
3-94317	190	AR
3-94317	206	AR
3-94317	215	1
415-194	2A	1
415-222	2B	1
415-224	2A	1
415-226	2B	1
415-230	2C	1
415-232	2D	1
415-260	2C	1
415-262	2D	1
50-11343-1	207	1
50-11343-1	207	1
50-11343-2	150	1
50-11343-2	150	1
50-11343-3	209	1
50-11343-4	152	1
50-11343-7	207	1
50-11343-8	150	1
50-5560-11	277	1
61-30071-001	177K	1
61-30328	177K	1
61-31022-001	316A	1
63-1326	166	1
63-1406	197	1

Part No.	Fig. and Index No.	Qty. per Assy.
63-1471-1	240	1
63-1471-1	240	1
63-1471-1	240	2
63-1472	260	2
65-1795-10	120	1
65-1926-10	173	1
65-1926-11	173	1
65-1926-8	173	1
65-1926-9	176	1
65-1936-11	44	1
65-1936-19	42	1
65-1936-21	45	1
65-1936-26	42	1
65-1936-27	45	1
65-1936-31	42	1
65-1953-2	172	1
65-1953-3	172	1
65-1970-10	193	1
65-1970-11	194	
65-1970-12	196	
65-1970-13	193	1
65-1970-4	196	1
65-1970-5	193	1
65-1970-7	193	1
65-1970-8	196	1
65-20870-1	140	1
65-21898-10	203	1
65-21898-12	201	1
65-21898-13	203	1
65-21898-4	201	1
65-21898-5	203	1
65-21898-9	201	1
65-21898-9	201	1
65-23761-15	184	1
65-23761-15	184	1
65-23761-16	185	1
65-23761-16	185	1
65-23761-17	184	1
65-23761-18	185	1
65-23761-19	184	1
65-23761-20	185	1
65-23761-4	185	1
65-23761-5	184	1
65-2377-28	25	1
65-2377-38	28	1
65-2377-39	29	1
65-2377-41	24	1
65-2377-42	27	1

Part No.	Fig. and Index No.	Qty. per Assy.
65-24721-1	1101-3	
65-24721-1	3	2
65-24721-3	3	2
65-24721-3	3	2
65-24721-6	3	2
65-24722-1	10	1
65-24724-10	109	1
65-24724-11	117	1
65-24724-3	114	1
65-24724-4	115	1
65-24724-5	117	1
65-24724-6	109	1
65-24724-7	118	1
65-24726-4	124J	1
65-24726-5	124E	1
65-24727-3	60	1
65-24727-4	57	1
65-24727-7	57	1
65-24727-8	60	1
65-24728-3	93	1
65-24729-3	64	1
65-24729-6	61	1
65-24729-7	65	1
65-32189-1	163	1
65-32189-11	164	1
65-32189-2	164	1
65-32189-5	163	1
65-32189-6	164	1
65-32189-9	163	1
65-45125-1		RF
65-45125-10	191	1
65-45125-11		RF
65-45125-12		RF
65-45125-13	191	1
65-45125-14		RF
65-45125-15		RF
65-45125-16		RF
65-45125-17		RF
65-45125-18		
65-45125-19		RF
65-45125-20	191	1
65-45125-21	191	1
65-45125-22	191	1
65-45125-25		RF
65-45125-26		RF
65-45125-27		RF
65-45125-28		RF
65-45125-30		RF
65-45125-31		RF
65-45125-32		RF
65-45125-33		RF
65-45125-34		RF
65-45125-35		RF
65-45125-36		RF
65-45125-37		RF
65-45125-38		RF
65-45125-39		RF
65-45125-40		RF
65-45125-41		RF
65-45125-42		RF
65-45125-43		RF
65-45125-44		RF
65-45125-45		RF
65-45125-46		RF
65-45125-47		RF
65-45125-48		RF
65-45125-49		RF
65-45125-5	248	2
65-45125-51		RF
65-45125-54		RF
65-45125-55		RF
65-45125-58		RF
65-45125-6	191	1
65-45125-62		RF
65-45125-63		RF
65-45125-66		RF
65-45125-67		RF
65-45125-68		RF
65-45125-69		RF
65-45125-7	248	1
65-45125-7	248	1
65-45125-70		RF
65-45125-71		RF
65-45125-72		RF
65-45125-73		RF
65-45125-74		RF
65-45125-75		RF
65-45125-76		RF
65-45125-77		RF
65-45125-78		
65-45125-79		RF
65-45125-8	191	1
65-45125-80		
65-45125-81		RF
65-45125-82		RF
65-45125-85		RF

Part No.	Fig. and Index No.	Qty. per Assy.
65-45125-86	1101-	RF
65-45125-87		RF
65-45125-88		RF
65-45125-89		RF
65-45125-9	191	1
65-45125-90		RF
65-45125-91		RF
65-45125-92		RF
65-45125-93		RF
65-45125-94		RF
65-45125-95		RF
65-45127-1	20	1
65-45127-10	20	1
65-45127-11	20	1
65-45127-12	20	1
65-45127-13	20	1
65-45127-2	40A	1
65-45127-21	20	1
65-45127-3	40A	1
65-45127-4	40A	1
65-45127-5	20	1
65-45127-6	20	1
65-45127-7	20	1
65-45127-8	20	1
65-45127-9	20	
65-45128-1	124	1
65-45128-1	125	
65-45128-10	124A	1
65-45128-11	124	1
65-45128-11	125	
65-45128-12	-124Z	1
65-45128-13	124S	1
65-45128-14	124	1
65-45128-14	125	
65-45128-15	124Y	1
65-45128-17	124	1
65-45128-17	125	
65-45128-18	-124Z	1
65-45128-19	124	1
65-45128-19	125	
65-45128-2	124Y	1
65-45128-29		RF
65-45128-6	124S	1
65-45136-1	265	2
65-45136-10	267	1
65-45136-10	267	1
65-45136-11	266	1
65-45136-11	266	1

Part No.	Fig. and Index No.	Qty. per Assy.
65-45136-12	267	1
65-45136-12	267	1
65-45136-13	266	1
65-45136-13	266	1
65-45136-14	267	1
65-45136-14	267	1
65-45136-4	265	2
65-45136-7	266	1
65-45136-7	266	1
65-45136-8	267	1
65-45136-8	267	1
65-45136-9	266	1
65-45136-9	266	1
65-46506-1	181	1
65-46506-10	180	1
65-46506-2	180	1
65-46506-21	181	1
65-46506-22	180	1
65-46506-29	181	1
65-46506-3	181	1
65-46506-30	180	1
65-46506-35	181	1
65-46506-36	180	1
65-46506-37	181	1
65-46506-38	180	1
65-46506-39	181	1
65-46506-4	180	1
65-46506-40	180	1
65-46506-41	181	1
65-46506-42	180	1
65-46506-43	181	1
65-46506-44	180	1
65-46506-45	181	1
65-46506-46	180	1
65-46506-47	181	1
65-46506-48	180	1
65-46506-5	181	1
65-46506-6	180	1
65-46506-7	181	1
65-46506-8	180	1
65-46506-9	181	1
65-51549-10	55	1
65-51549-4	55	1
65-51549-5	55	1
65-51549-6	55	1
65-51549-7	55	1
65-51549-7	55	1
65-51549-7	55	1

Part No.	Fig. and Index No.	Qty. per Assy.
65-51549-8	1101-55	1
65-54212-1	86	1
65-54212-2	96	1
65-54212-3	88	1
65-54212-4	86	1
65-54212-5	96	1
65-54212-6	86	1
65-54212-8	86	1
65-69607-1	55	1
65-69607-2	55	1
65-70885-1	57	1
65-70885-2	60	1
65-70888-1	61	1
65-70888-2	65	1
65-70888-3	64	1
65-70888-4	61	1
65-70888-5	65	1
65-77424-1	177A	1
65-77455-6	125A	1
65-77470-1	177A	1
65-77470-2	177A	1
65-77470-3	177A	1
65-77470-4	177A	1
65-77471-1	177W	1
65-87109-1	109	1
65-87109-10	118	1
65-87109-11	109	1
65-87109-12	118	1
65-87109-2	118	1
65-87109-5	109	1
65-87109-6	118	1
65-87109-8	109	1
65-88644-1	303	2
65-88644-2	304	1
65-88645-1	313	1
65-88648-12	53A	1
65-88808-2	299	1
65-88808-3	299	1
65B31505-2	148	1
65C10042-1	314	1
65C10043-1	124L	1
65C10043-4	124M	1
65C10043-9	124M	1
65C14023-1	177W	1
65C14023-2	177W	1
65C14183-33	167	1
65C14183-34	167	1
65C14183-36	200	1

Part No.	Fig. and Index No.	Qty. per Assy.
65C14183-37	200	1
65C18257-11	181	1
65C18257-12	180	1
65C18257-125	181	1
65C18257-126	180	1
65C18257-129	181	1
65C18257-13	181	1
65C18257-130	180	1
65C18257-131	181	1
65C18257-132	180	1
65C18257-133	181	1
65C18257-134	180	1
65C18257-135	181	1
65C18257-136	180	1
65C18257-138	181	1
65C18257-139	180	1
65C18257-14	180	1
65C18257-145	181	
65C18257-146	180	
65C18257-148	181	1
65C18257-149	180	1
65C18257-15	181	1
65C18257-16	180	1
65C18257-17	181	1
65C18257-18	180	1
65C18257-41	181	1
65C18257-42	180	1
65C18257-67	181	1
65C18257-68	180	1
65C18257-69	181	1
65C18257-7	181	1
65C18257-70	180	1
65C18257-71	181	1
65C18257-72	180	1
65C18257-73	181	1
65C18257-74	180	1
65C18257-75	181	1
65C18257-76	180	1
65C18257-77	181	1
65C18257-78	180	1
65C18257-8	180	1
65C18257-91	181	1
65C18257-91	181	1
65C18257-92	180	1
65C18257-92	180	1
65C18275-1	18	1
65C22117-4	181	1
65C22117-5	180	1

Part No.	Fig. and Index No.	Qty. per Assy.
65C29262-10	1101-253	2
66-11005	98	1
66-11005-1	101	1
66-12625-1	78	1
66-12625-2	81	1
66-1314-1	188	1
66-14147-1	2	1
66-14222-1	198	1
66-14222-2	168	1
66-14301-1	195	1
66-14972-1	125B	1
66-1501	167	1
66-1501-1	167	1
66-15045-1	33	
66-15237-2	251	1
66-15237-3	244	2
66-15237-4	245	1
66-16367-1	9	1
66-16510-1	67	1
66-16510-2	70	1
66-16510-3	69	2
66-16510-4	67	1
66-16510-5	70	1
66-16510-6	69	2
66-1882	259	1
66-1884	227	1
66-1884	227	1
66-1884-1	232	1
66-1884-2	235	1
66-1884-4	227	1
66-1884-5	227	1
66-1884-6	227	1
66-1905	141	1
66-20238-1	-124K	1
66-20238-2	-124K	1
66-20238-3	124K	1
66-21426-1	169	1
66-22199-1	159	1
66-23284-1	39	1
66-23285-1	40	1
66-25664-1	268K	2
66-25899-1	124P	1
66-2605	137	1
6-63288	124G	1
6-63288	94	1
6-63610-3000	156	1
6-63610-3000	212	1
6-63610-3001	158	1
6-63610-3001	213	1
6-63629-2000	145	1
6-63629-2000	145	1
6-63931-1	135	1
6-65852-2000	182	2
6-65852-2001	179	1
6-65852-3	186	2
6-65852-4	204	1
6-73865-2000	200	1
6-73865-3000	200	1
6-74642	124H	1
6-74642	95	1
69-17095	223	1
69-17095-1	220	1
69-17095-2	222	1
69-17095-3	225	1
69-17095-4	221	1
69-17095-4	224	1
69-18179-10	269A	1
69-1936	229	1
69-1936-1	231	1
69-1936-2	230	1
69-1936-6	229	1
69-1936-7	229	1
69-1936-8	229	1
69-1958-2	123	1
69-1958-3	123A	1
69-1958-3	124	
69-1958-4	121	1
69-1977	189	1
69-1977-1	148	1
69-20380-13	47	1
69-20380-15	51	1
69-20380-16	47	1
69-20380-17	51	1
69-20380-19	47	1
69-20380-20	51	1
69-21291-1	18	1
69-21292-1	15	1
69-21293-1	7	1
69-21293-2	8	1
69-21295-1	19	1
69-21571-1	12	1
69-25367-3	160	1
69-25367-5	160	1
69-25367-5	160	1
69-25367-6	160	1
69-25367-7	160	1

Part No.	Fig. and Index No.	Qty. per Assy.
69-25367-8	1101-160	1
69-26858-2	253	2
69-30436-1	175	1
69-33918-1	31	1
69-33918-4	32	1
69-33918-6	30	1
69-35354-3	249	1
69-35354-4	249	1
69-35354-5	249	1
69-35354-6	249	1
69-36619-1	41	1
69-36620-1	125C	1
69-36643-1	253	2
69-38179-1	268	1
69-38179-1	268B	1
69-38179-10	269A	1
69-38179-11	268A	1
69-38179-12	269A	1
69-38179-2	269	1
69-38179-2	269B	1
69-38179-3	268A	1
69-38179-3	268A	1
69-38179-4	269A	1
69-38179-4	269A	1
69-38179-5	268D	2
69-38179-5	269D	2
69-38179-7	268	1
69-38179-7	268B	1
69-38179-8	269	1
69-38179-8	269B	1
69-38179-9	268A	1
69-38179-9	268A	1
69-38297-1	125D	1
69-38297-2	125D	1
69-56971-1	33A	1
69-56971-2	33	1
69-56971-5	33B	1
69-60728-1	177W	1
69-60729-1	177Q	1
69-60729-2	177N	1
69-60729-3	177T	1
69-60772-1	249	1
69-60779-1	177Q	1
69-60779-2	177N	1
69-66424-1	326	1
69-66425-1	51A	1
69-66426-1	325	1
69-66428-1	118A	1

Part No.	Fig. and Index No.	Qty. per Assy.
69-66428-2	118B	1
69-66429-1	84C	1
69-66429-2	84D	1
69-66430-2	294	1
69-66430-4	289	1
69-66512-1	312	1
69-66525-1	310	1
69-66525-2	290	1
69-67096-1	203A	1
69-67598-1	177Z	1
69-67598-3	177Y	2
69-70169-1	12	1
69-70170-1	7	1
69-70170-2	8	1
69-70178-1	223	1
69-70178-2	220	1
69-70896-4	299	1
69-70896-4	299	1
69-70896-5	299A	1
69-73201-1	145	1
69-73201-3	145	1
69-73303-1	195	
69-73389-1	166	1
69-74668-1	40A	1
69-74668-1	40A	1
69-74669-1	40	1
69-74669-2	40	1
69-74670-1	125E	2
69-74693-1	307	1
69-76211-1	19	1
69-76350-6	144	1
69-76350-8	143	1
69-76350-9	144	1
69-76357-2	148	1
69-76381-1	177D	1
69-76381-1	-900	RF
69-76381-2	-915	1
69-77085-2	281	2
69-77085-3	278	1
69-77085-3	279	2
9-50172-2	146	2
9-50858-6	13	1
9-50858-7	17	1