

BOEING 707 **PARTS CATALOG (MAINTENANCE)**

CHAPTER 22

AUTOPILOT

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SECTION 01

GENERAL

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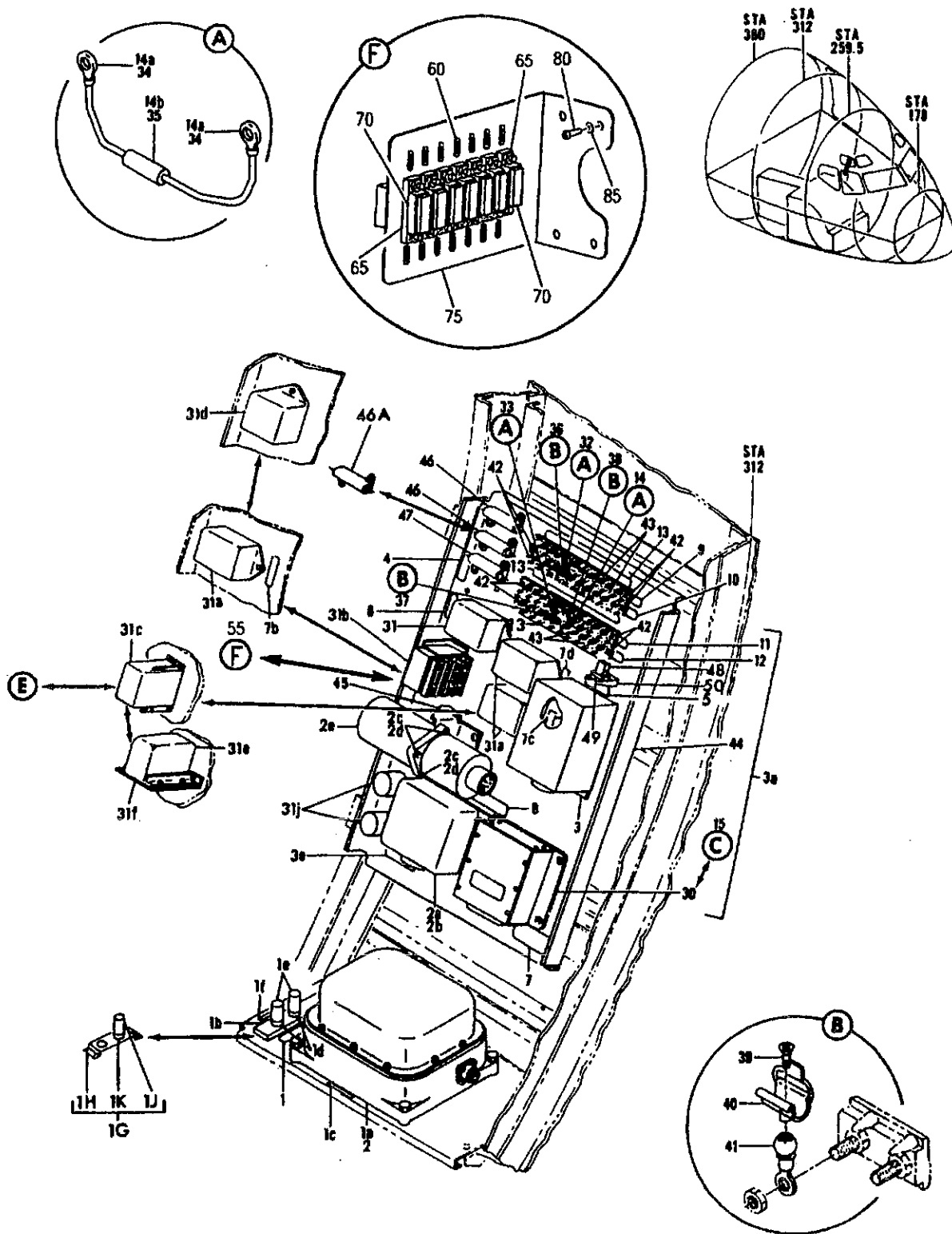


FIGURE 2. SHELF INSTL, STATION 318 AUTOPILOT ELECTRONIC EQUIPMENT (SHEET 1)

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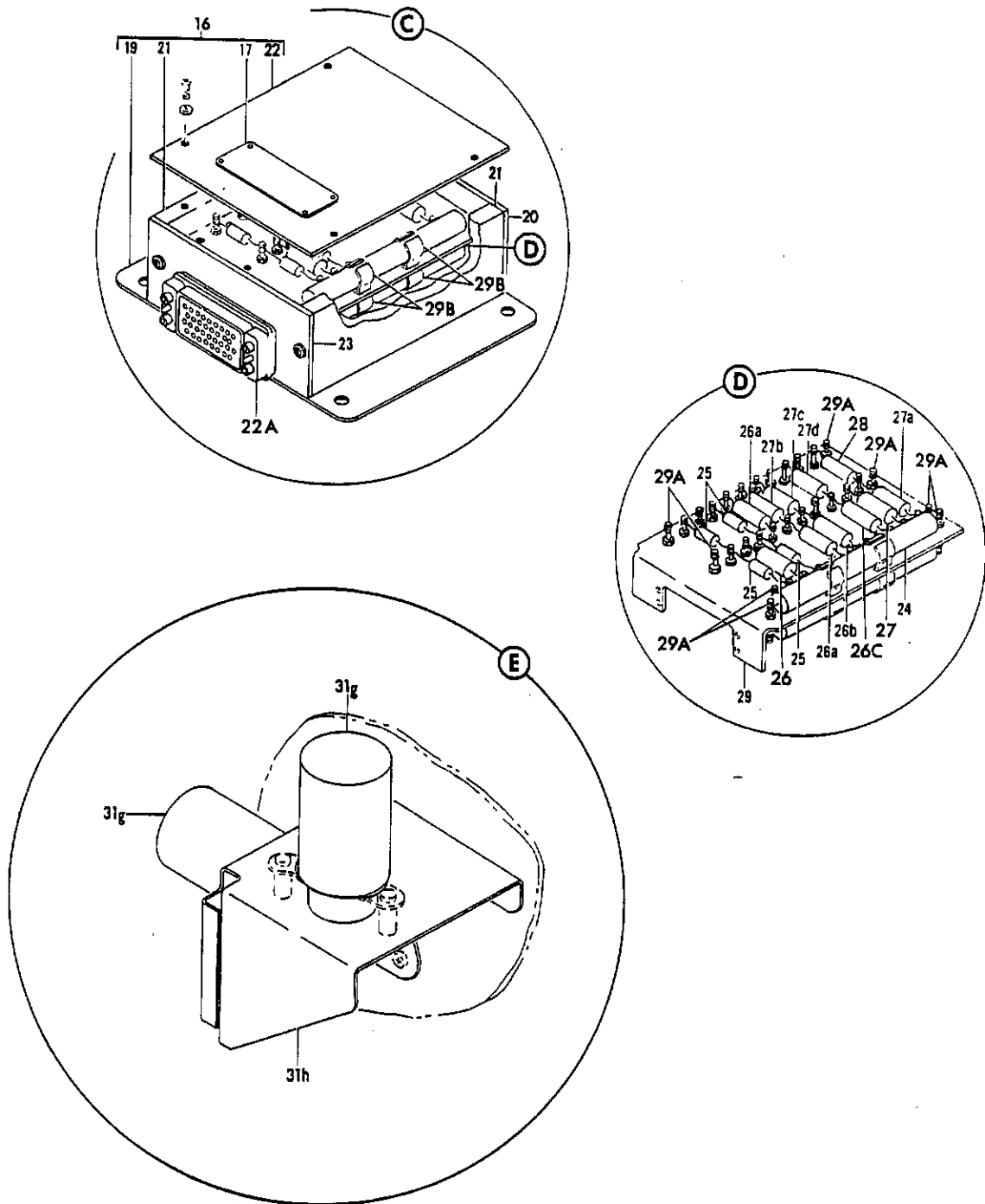


FIGURE 2. SHELF INSTL. STATION 318 AUTOPILOT ELECTRONIC EQUIPMENT (SHEET 2)

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FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE											EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7						
2		SHELF INSTL, STATION 318 AUTOPILOT ELECTRONIC											0150	
		EQUIPMENT												
	65-20876-1	. SHELF INSTL, STATION 318 AUTOPILOT ELECTRONIC											0150	RF
		EQUIPMENT (SEE 24-3, FIG. 5, ITEM 37, 24-3, FIG. 5A, ITEM 37, 24-3, FIG. 5B, ITEM 37, 24-3, FIG. 5C, ITEM 61, 24-3, FIG. 5D, ITEM 53, 24-3, FIG. 5E, ITEM 26 AND 24-3, FIG. 5F, ITEM 26)												
1	BACM9T1D	. . . SCOTCH-CAL, TRANSMITTER											0150	1
2	19117-1A	. . . TRANSMITTER, AUTOPILOT SYSTEM THREE AXIS RATE . . .											0150	1
		(V55972)												
	65-20876-5	. SHELF INSTL, STATION 318 AUTOPILOT ELECTRONIC											0150	RF
		EQUIPMENT (SEE 24-3, FIG. 5, ITEM 37A, 24-3, FIG. 5A, ITEM 37A, 24-3, FIG. 5B, ITEM 37A, 24-3, FIG. 5C, ITEM 62, 24-3, FIG. 5D, ITEM 54, 24-3, FIG. 5E, ITEM 27 AND 24-3, FIG. 5F, ITEM 27)												
2A	BACM9N10-1BW	. . . SCOTCH-CAL, AUTOPILOT ADAPTER (LOCATED ADJACENT TO											0150	1
		NAMEPLATE ON BAC SPEC NO. 10-3056-2)												
2B	10-3056-2	. . . ADAPTER, AUTOPILOT SYSTEM											0150	1
		ATTACHING PARTS												
	NAS603-6	. . . SCREW											0150	4
		-----*												
2C	NAS601-10	. . . SCREW											0150	3
2D	NAS679A06W	. . . NUT											0150	3
2E	A32241-00-00B	. . . TORQUE UNIT, SERVO (V89944)											0150	1
3	G1000	. . . WARNING UNIT, AUTOPILOT DISCONNECT (V99837) . . .											0150	1
		ATTACHING PARTS												
	NAS514P1032-7	. . . SCREW											0150	4
		-----*												
3A	65-20876-6	. . . SHELF ASSY, STATION 318 AUTOPILOT ELECTRONIC. . .											0150	1
		EQUIPMENT												
		ATTACHING PARTS												
	NAS603-6	. . . SCREW											0150	4
	BACN10FX1W	. . . NUT											0150	4
		-----*												
3E	BACM9A4E	. . . SCOTCH-CAL, A/P ADAPTER											0150	1
4	BACM9A5K	. . . SCOTCH-CAL, AUTO PILOT TORQUE LIMITING RESISTOR .											0150	1
5	BACM9A5N	. . . SCOTCH-CAL, RM 1069 A/P DISCONNECT WARNING. . .											0150	1
6	BACM9L9KP	. . . SCOTCH-CAL, RM 1005											0150	1
7	BACM9U1V	. . . SCOTCH-CAL, RM 348 MACH TRIM RESISTOR DIODE . . .											0150	1
8	BACM10U20-1CY	. . . MARKER-ALUMINUM FOIL, SERVO TORQUE UNIT RM 347. .											0150	1
9	BACM10L00-10GW	. . . MARKER, R ALUMINUM FOIL											0150	1
10	BACM10L00-10GX	. . . MARKER, S ALUMINUM FOIL											0150	1
11	BACM10L00-10GY	. . . MARKER, T ALUMINUM FOIL											0150	1
12	BACM10L00-10GZ	. . . MARKER, U ALUMINUM FOIL											0150	1
13	BACM10N110-2CRB	. . . MARKER, 1 THRU 10 ALUMINUM FOIL											0150	3
14	65-20876-9	. . . CAPACITOR ASSY, STATION 318 AUTOPILOT ELECTRONIC											0150	1
		EQUIPMENT SHELF												
14A	BACT12AC2	 TERMINAL.											0150	2
14B	C80V104AM	 CAPACITOR, (V96095)											0150	1
		(OPTIONAL TO MC851C104K,												
		MA501C104KAA)												
14B	MC851C104K	 CAPACITOR, (V96095)											0150	1
		(OPTIONAL C80V104AM,												
		MA501C104KAA)												
14B	MA501C104KAA	 CAPACITOR, (V96095)											0150	1
		(OPTIONAL C80V104AM,												
		MC851C104K)												
30	G1253A	. . . RESISTOR UNIT ASSY, MACH TRIM DIODE (V99837). . .											0103	1
30	G2824A	. . . RESISTOR UNIT ASSY, MACH TRIM DIODE (V99837). . .											0450	1
		ATTACHING PARTS												
	NAS603-6	. . . SCREW											0150	4
		-----*												
31	10S1034A	. . . FILTER, (V56289).											0150	1
		(OPTIONAL 10S1034 (V56289))												
31	10S1034	. . . FILTER, (V56289).											0150	1
		(OPTIONAL TO 10S1034A (V56289))												
		ATTACHING PARTS												
	NAS602-5	. . . SCREW											0150	2
		-----*												
32	69-2695-39	. . . RESISTOR ASSY											0150	1
34	36151	 TERMINAL, (V00779).											0150	2
35	RC326F101J	 RESISTOR, 100 OHM 1W (0033B).											0150	1
		(OPTIONAL RCR32G101JM (V29762))												

MISSING ITEM NUMBERS ARE NOT APPLICABLE

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FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
2 35	RCR32G101JM	.	.	.	.	.	.	RESISTOR, 100 OHM 1W (V29762)	0150	1
		.	.	.	.	.	.	(OPTIONAL TO RCR32GF101J (0033B))		
36	66-13940-1	.	.	.	.	.	.	CLIP ASSY, RESISTOR MOUNTING.	0150	1
38	66-13940-1	.	.	.	.	.	.	CLIP ASSY, RESISTOR MOUNTING.	0150	1
39	BAC12BF02CB	.	.	.	.	.	.	SCREW, (OPTIONAL AN1505-2RB).	0150	1
40	CD PLUS NO	.	.	.	.	.	.	CLIP AND CAPTIVE, (V06229).	0150	1
41	BACT12B108	.	.	.	.	.	.	TERMINAL.	0150	1
42	MS25227-1	.	.	.	.	.	.	STRIP	0150	8
43	MS25123-1-10	.	.	.	.	.	.	TERMINAL BOARD ASSY	0150	4
		.	.	.	.	.	.	ATTACHING PARTS		
	NAS600-6	.	.	.	.	.	.	SCREW	0150	8
	NAS679A04W	.	.	.	.	.	.	NUT	0150	8
		.	.	.	.	.	.	-----*		
44	65-20975-1	.	.	.	.	.	.	PAN ASSY, STATION 318 AUTOPILOT SHIELD MOUNTING	0150	1
45	66-12888-1	.	.	.	.	.	.	BRACKET, SERVO TORQUE UNIT MOUNTING	0150	1
		.	.	.	.	.	.	ATTACHING PARTS		
	NAS603-6	.	.	.	.	.	.	SCREW	0150	4
	NAS679A3W	.	.	.	.	.	.	NUT	0150	4
		.	.	.	.	.	.	-----*		
R 55	391-22-10-74471-003	.	.	.	.	.	.	RELAY INSTL, AUTOPILOT EQUIPMENT JUNCTION BOX	0150	1
R		.	.	.	.	.	.	(VZ0031) (ADDED BY RAF MOD 7211.019-4)		
R 60	391-11-00-73978-105	.	.	.	.	.	.	DECALS, (VZ0031).	0150	AR
R 65	S01064-001	.	.	.	.	.	.	SOCKET, RELAY WITH MNTG HARDWARE (V35344)	0150	7
R 70	XD4N	.	.	.	.	.	.	RELAY, (V35344)	0150	7
R 75	391-22-10-74472-103	.	.	.	.	.	.	BRACKET, (VZ0031)	0150	1
		.	.	.	.	.	.	ATTACHING PARTS		
R	MS35206-245	.	.	.	.	.	.	SCREW	0150	4
R	AN960-8	.	.	.	.	.	.	WASHER.	0150	4
		.	.	.	.	.	.	-----*		
MISSING ITEM NUMBERS ARE NOT APPLICABLE										

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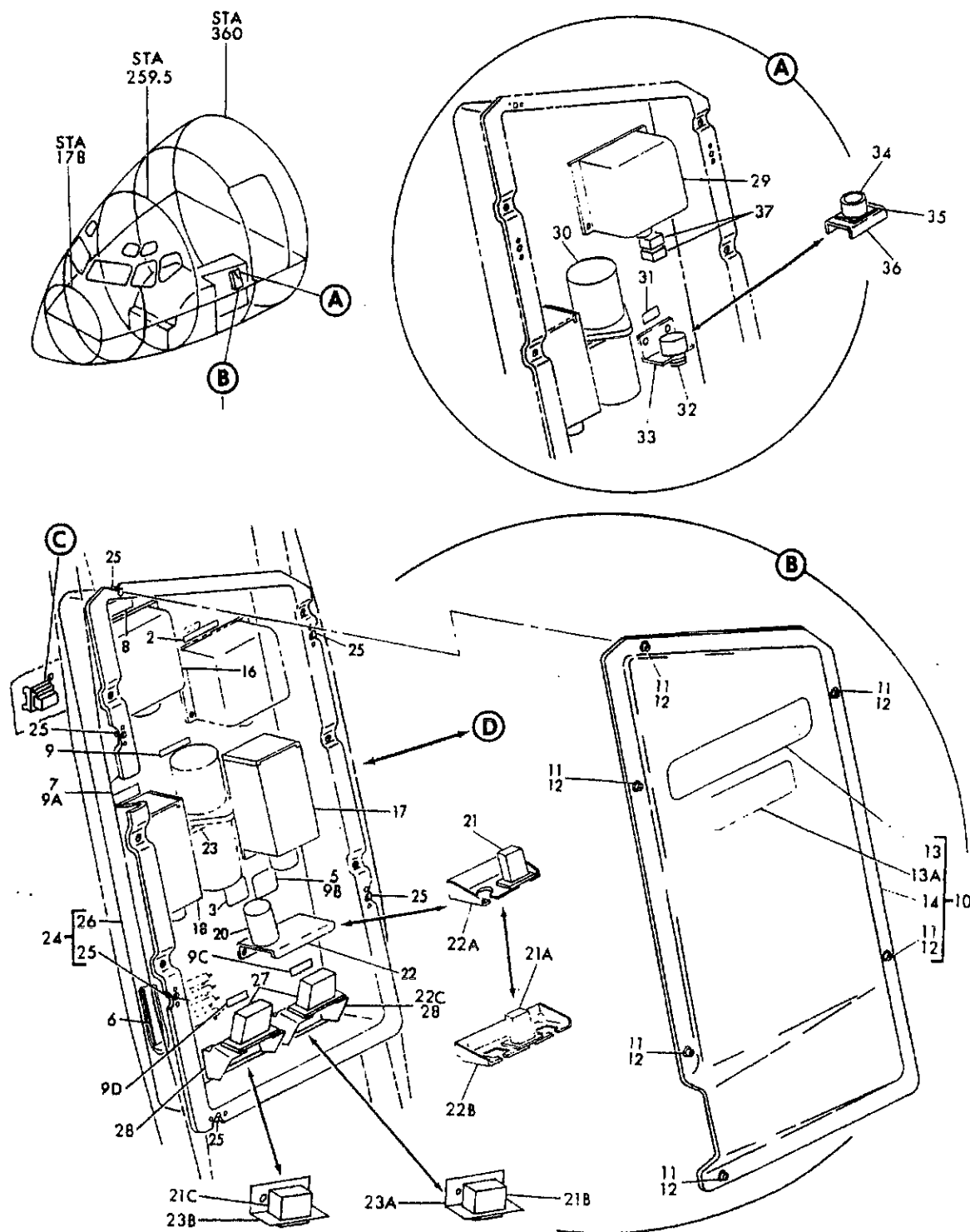


FIGURE 2A. SHIELD INSTL, RJ24 AUTO PILOT EQUIPMENT (SHEET 1)

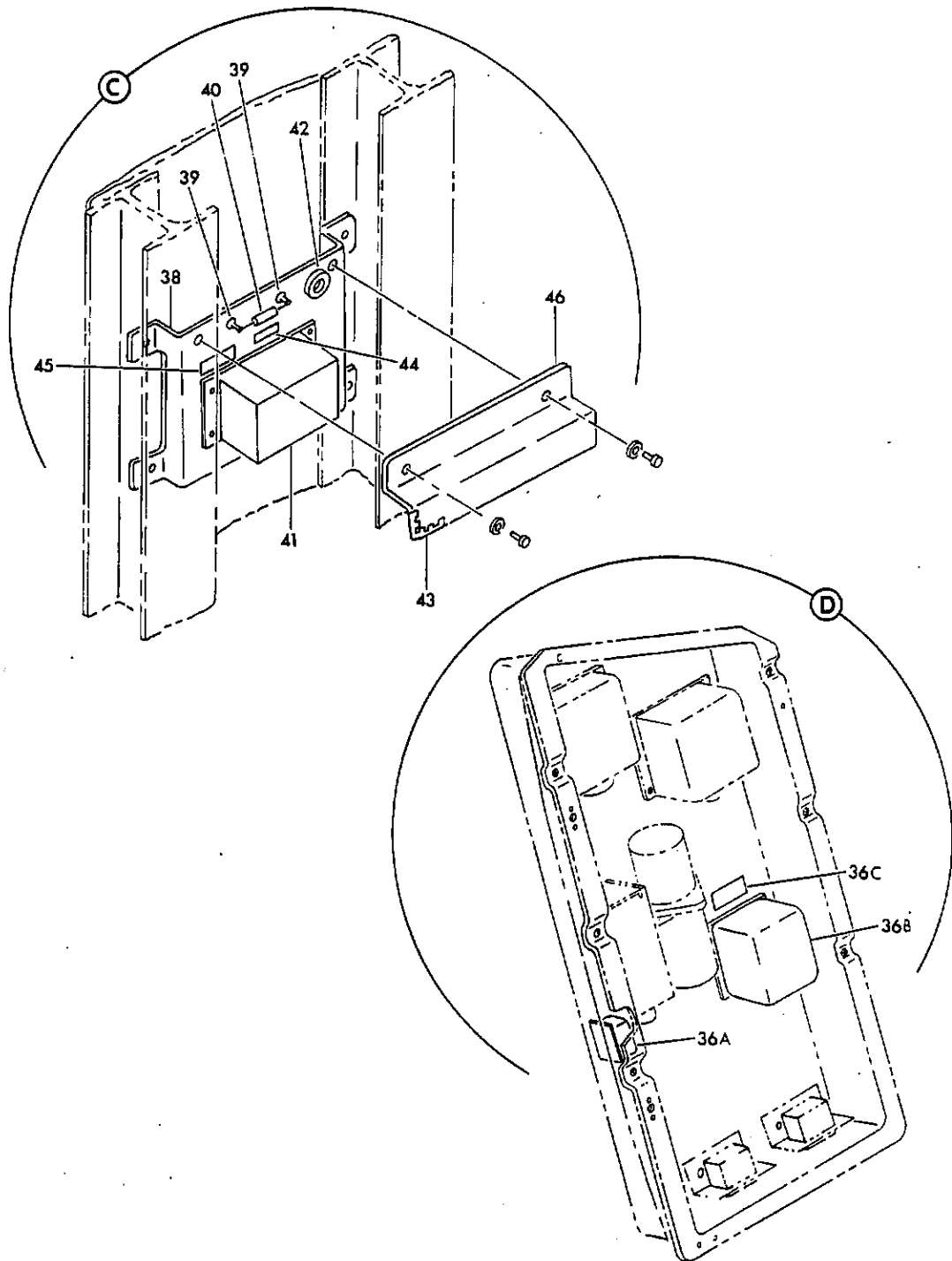


FIGURE 2A. SHIELD INSTL. RJ24 AUTO PILOT EQUIPMENT (SHEET 2)

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FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF FROM TO	UNITS PER ASSY
2A	65-59524-1	SHIELD INSTL, RJ24 AUTOPILOT EQUIPMENT (VARIABLE. . . . DWG:65-59524-5003) (SEE 24-3, FIG. 5D, ITEM 55 AND 24-3, FIG. 5F, ITEM 32A)	5199	RF
1	65-59524-2	SHIELD ASSY	5199	1
	NAS604-28P	ATTACHING PARTS	5199	6
	BACS18G60B	SCREW	5199	6
		SPACER.		
2	BACM9A4E	SCOTCH-CAL, A/P ADAPTOR	5199	1
6	BACM9A5K	SCOTCH-CAL, A/P TORQUE LIMITING RESISTORS	5199	1
8	BACM9U1V	SCOTCH-CAL, RM348 MACH TRIM RESISTOR DIODE UNIT	5199	1
9	BACM10U20-1CY	MARKER, RM347 SERVO TORQUE UNIT ALUMINUM FOIL	5199	1
9A	BAC27CEE733	VINYL DECAL, M4005.	5199	1
9C	BAC27CEE798	DECAL, R4335.	5199	1
9D	BAC27CEE802	DECAL, R4346.	5199	1
10	65-59906-3	COVER ASSY.	5199	1
11	BACS21Y5R	STUD ASSY	5199	6
12	BACH10X4	WASHER.	5199	6
13	BACM9A5L	SCOTCH-CAL, AUTOPILOT EQUIPMENT SHIELD.	5199	1
13A	BAC27CEE279	SCOTCH-CAL, RJ24.	5199	1
14	65-59906-4	COVER	5199	1
16	G2B24A	COMPONENTS, MACH TRIM (V99837).	5199	1
		(OPTIONAL TO G5256A (V99837))		
16	G5256A	COMPONENTS, MACH TRIM (V99837).	5199	1
		(OPTIONAL G2B24A (V99837))		
	NAS603-6P	ATTACHING PARTS	5199	4
		SCREW		
17	G2528	WARNING UNIT, ABORT (V99837).	5199	1
18	G1000	WARNING UNIT, DISCONNECT (V99837)	5199	1
	NAS514P1032	ATTACHING PARTS	5199	4
		SCREW, (LENGTH TO BE DETERMINED UPON INSTALLATION)		
20	CHX69	RELAY, (V02288)	5199	1
		(OPTIONAL FCM410-97 (V7B290))		
20	FCM410-97	RELAY, (V7B290)	5199	1
		(OPTIONAL TO CHX69 (V02288))		
	NAS679A06W	ATTACHING PARTS	5199	4
		NUT		
21B	BACR13CG2A	RELAY	5199	1
21C	BACR13CG2A	RELAY	5199	1
22A	69-47213-4	BRACKET, SUPPORT.	5199	1
	NAS603-6P	ATTACHING PARTS	5199	2
		SCREW		
23	69-47213-1	SUPPORT, BRACKET.	5199	1
	NAS603-6P	ATTACHING PARTS	5199	4
		SCREW		
23A	69-60607-2	ANGLE, SUPPORT.	5199	1
	NAS602-4P	ATTACHING PARTS	5199	2
	AN960PDBL	SCREW	5199	2
		WASHER.		
23B	69-60607-2	ANGLE, SUPPORT.	5199	1
	NAS602-4P	ATTACHING PARTS	5199	2
	AN960PDBL	SCREW	5199	2
		WASHER.		
24	65-59906-1	BOX ASSY.	5199	1
25	BACR11Y3A	RECEPTACLE.	5199	6
26	65-59906-2	BOX	5199	1
29	10-3056-2	ADAPTER	5199	1
	NAS603-6P	ATTACHING PARTS	5199	4
		SCREW		
30	A32241-00-008	TORQUE UNIT, SERVO (V89944)	5199	1
	NAS601-10P	ATTACHING PARTS	5199	4
	NAS679A06W	SCREW	5199	4
		NUT	5199	4

MISSING ITEM NUMBERS ARE NOT APPLICABLE

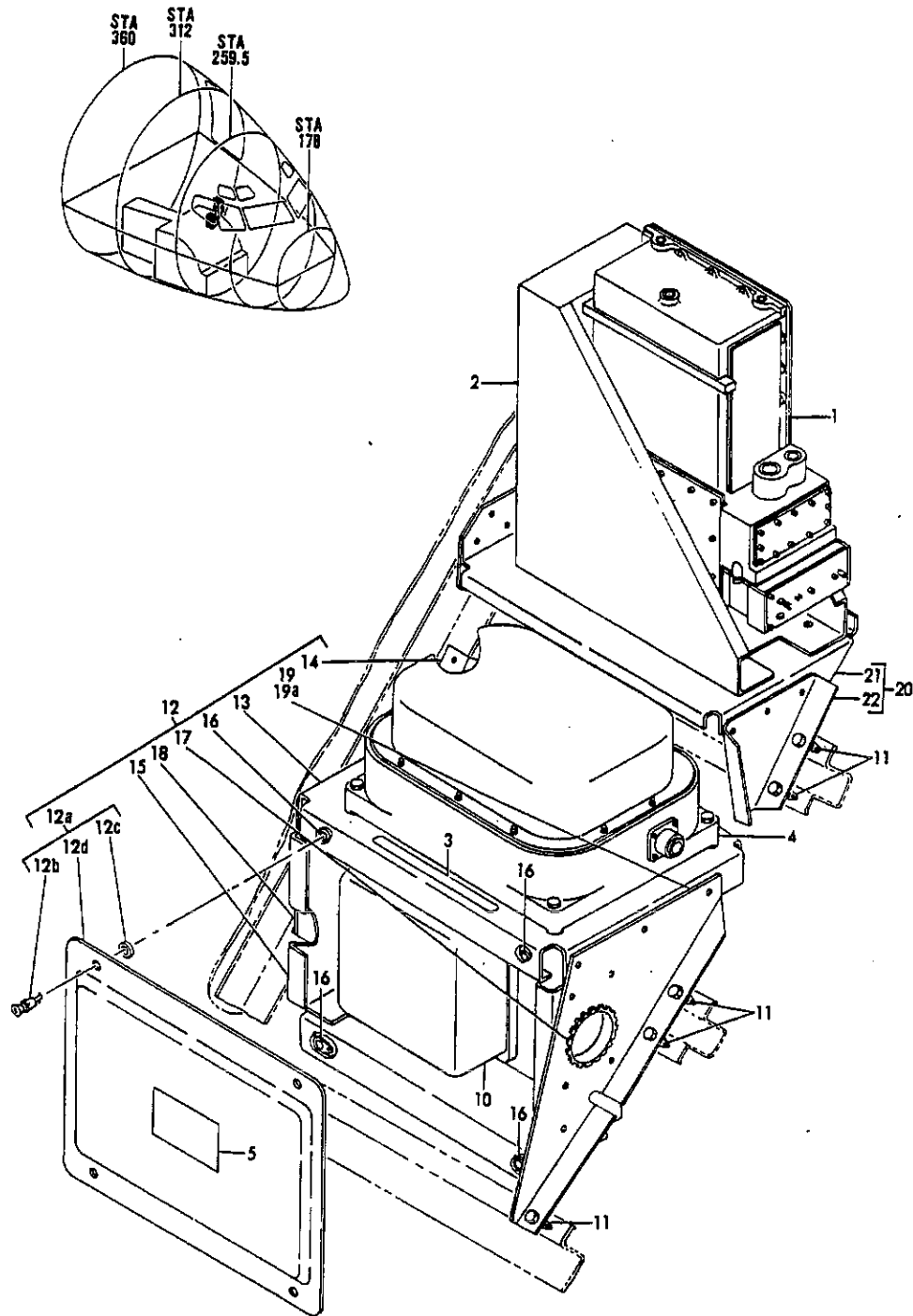


FIGURE 4A. EQUIPMENT INSTL, RJ25 AUTOPILOT SYSTEM



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FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
4A	65-59525-1	EQUIPMENT INSTL, RJ 25 AUTOPILOT SYSTEM (SEE 24-3, FIG. 5B, ITEM 27B, 24-3, FIG. 5D, ITEM 42, 24-3, FIG. 5E, ITEM 7B AND 24-3, FIG. 5F, ITEM 19A)	5199	RF
3	BACM9T1D	. SCOTCH-CAL, A/P 3-AXIS.	5199	1
4	10-3056-4	. TRANSMITTER, MULTI-AXIS RATE.	5199	1
5	BACM9A5Z	. SCOTCH-CAL, DUAL NORMAL ACCELEROMETER	5199	1
11	BACS18F40B	. SPACER.	5199	5
12	65-59525-2	. SUPPORT ASSY, TRANSMITTER	5199	1
12A	69-47454-1	. . COVER ASSY, ACCELEROMETER	5199	1
12B	BACS21Y4R	. . . STUD ASSY	5199	4
12C	BACW10X4	. . . WASHER.	5199	4
12D	69-47454-2	. . . COVER	5199	1
13	65-60259-3	. . SHELF ASSY.	5199	1
13	65-60259-10	. . . SHELF	5199	1
14	65-60259-5	. . BRACKET, SUPPORT.	5199	1
15	65-60259-4	. . PAN ASSY, MOUNTING.	5199	1
15	65-60259-8	. . . PAN	5199	1
16	BACR11Y3A	. . RECEPTACLE.	5199	4
17	BACG20ZC590	. . GROMMET	5199	1
18	65-60259-6	. . BRACKET, SUPPORT.	5199	1
19	65-60259-12	. . BRACKET ASSY SUPPORT.	5199	1
19A	65-60259-13	. . . BRACKET	5199	1
MISSING ITEM NUMBERS ARE NOT APPLICABLE				

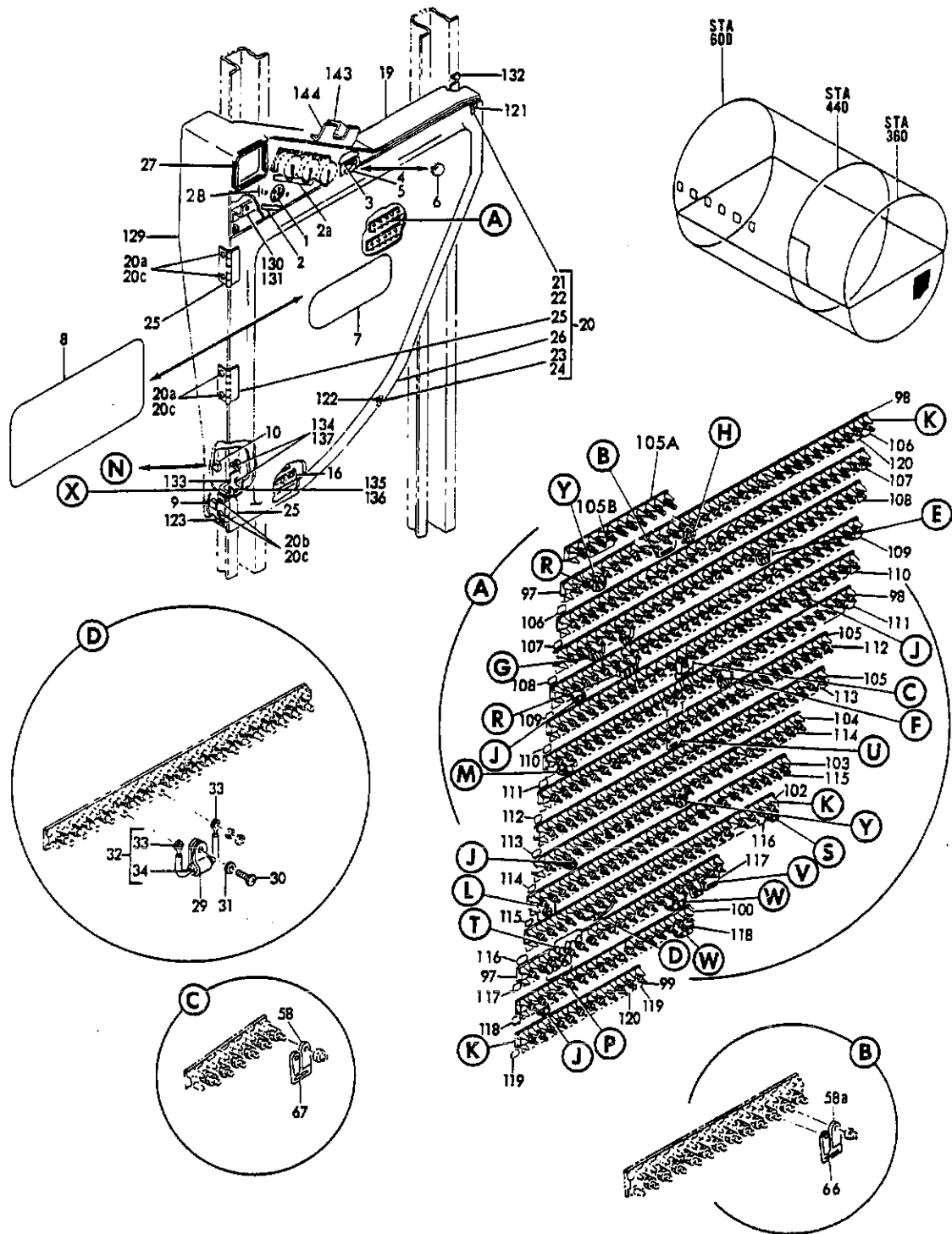


FIGURE 5. BOX INSTL, AUTOPILOT RJ3 JUNCTION (SHEET 1)

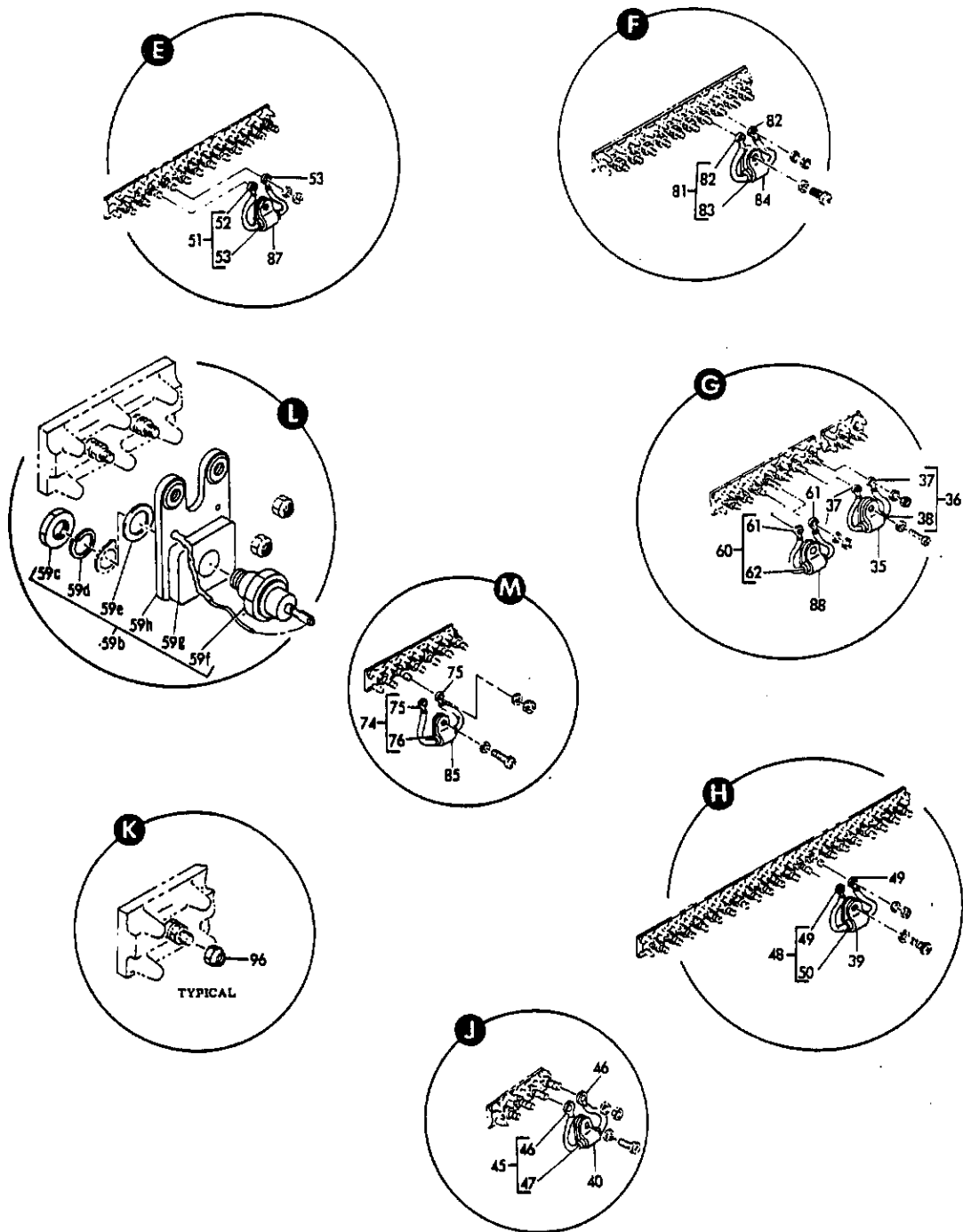


FIGURE 5. BOX INSTL, AUTOPILOT RJ3 JUNCTION (SHEET 2)

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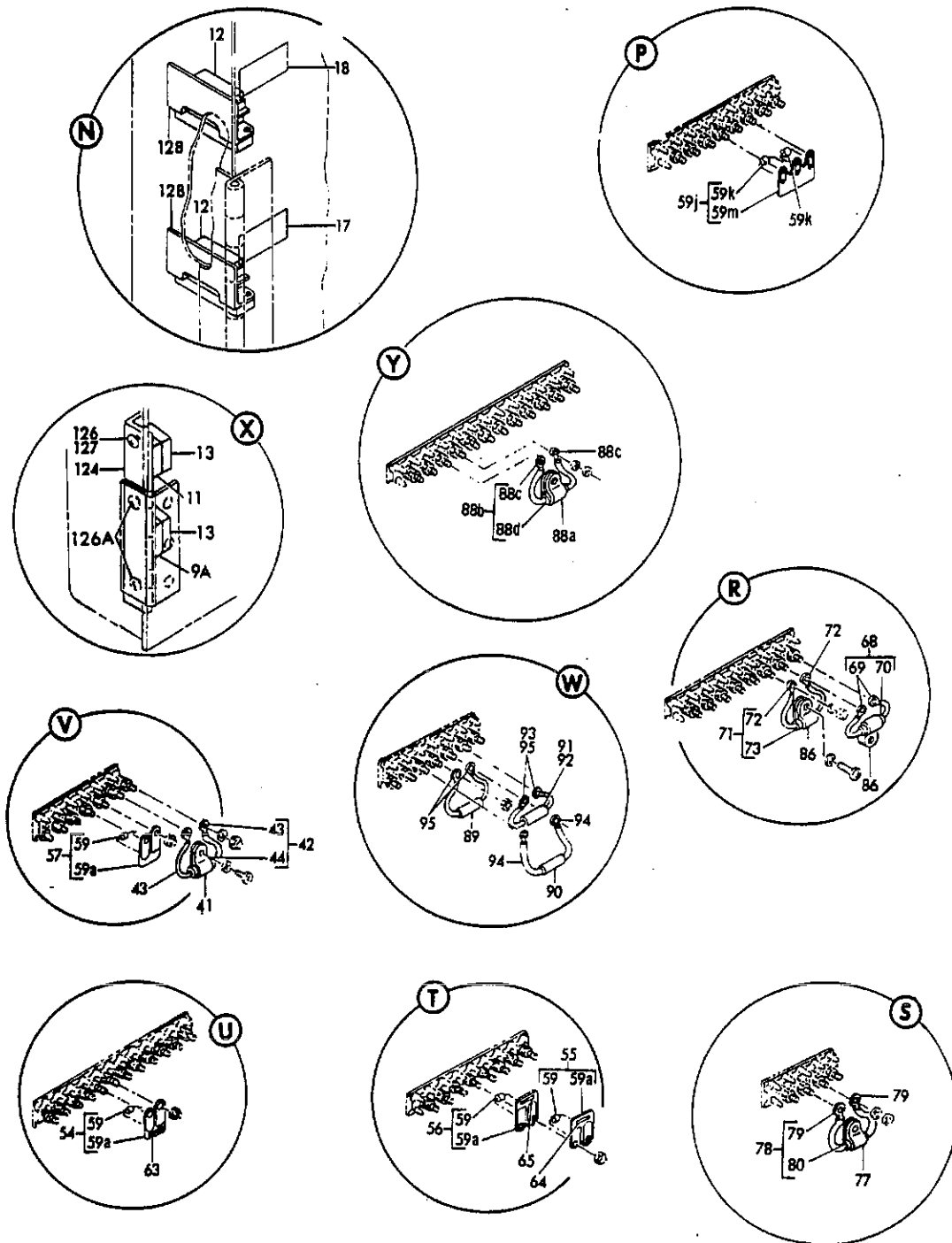


FIGURE 5. BOX INSTL, AUTOPILOT RJ3 JUNCTION (SHEET 3)

MISSING ITEM NUMBERS ARE NOT APPLICABLE

PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
R 5 97	MS27212-1-20	. .	TERMINAL BOARD ASSY						0150	12
R	NAS600-5P	. .	ATTACHING PARTS						0150	48
R	AN960PD4L	. .	SCREW						0150	48
R	NAS679A04W	. .	WASHER.						0150	48
		. .	NUT						0150	48
R 98	MS27212-1-10	. .	TERMINAL BOARD ASSY						0150	6
R 99	MS27212-1-12	. .	TERMINAL BOARD ASSY						0150	1
R 100	MS27212-1-17	. .	TERMINAL BOARD ASSY						0150	1
		. .	ATTACHING PARTS							
R	NAS600-5P	. .	SCREW						0150	24
R	AN960PD4L	. .	WASHER.						0150	24
R	NAS679A04W	. .	NUT						0150	24
R 102	MS27212-1-4	. .	TERMINAL BOARD ASSY						0150	1
R 103	MS27212-1-5	. .	TERMINAL BOARD ASSY						0150	1
R 104	MS27212-1-6	. .	TERMINAL BOARD ASSY						0150	1
R 105	MS27212-1-8	. .	TERMINAL BOARD ASSY						0150	2
		. .	ATTACHING PARTS							
R	NAS600-5P	. .	SCREW						0150	10
R	AN960PD4L	. .	WASHER.						0150	10
R	NAS679A04W	. .	NUT						0150	10
R 106	BACMI0L00-10GF	. .	MARKER, A ALUMINUM FOIL						0150	2
R 107	BACMI0L00-10GG	. .	MARKER, B ALUMINUM FOIL						0150	2
R 108	BACMI0L00-10GH	. .	MARKER, C ALUMINUM FOIL						0150	2
R 109	BACMI0L00-10GJ	. .	MARKER, DA LUMINUM FOIL						0150	2
R 110	BACMI0L00-10GK	. .	MARKER, E ALUMINUM FOIL						0150	2
R 111	BACMI0L00-10GL	. .	MARKER, F ALUMINUM FOIL						0150	2
R 112	BACMI0L00-10GM	. .	MARKER, G ALUMINUM FOIL						0150	2
R 113	BACMI0L00-10GN	. .	MARKER, H ALUMINUM FOIL						0150	2
R 114	BACMI0L00-10GP	. .	MARKER, J ALUMINUM FOIL						0150	2
R 115	BACMI0L00-10GR	. .	MARKER, K ALUMINUM FOIL						0150	2
R 116	BACMI0L00-10GS	. .	MARKER, L ALUMINUM FOIL						0150	2
R 117	BACMI0L00-10GT	. .	MARKER, M ALUMINUM FOIL						0150	2
R 118	BACMI0L00-10GU	. .	MARKER, N ALUMINUM FOIL						0150	2
R 119	BACMI0L00-10GV	. .	MARKER, P ALUMINUM FOIL						0150	2
R 120	BACMI0N180-2CRU	. .	MARKER, I THRU 30 ALUMINUM FOIL (TRIM ON INSTL)						0150	14
R 121	BACR11Z1	. .	RECEPTACLE.						0150	1
R 122	BACR11Y3A	. .	RECEPTACLE ASSY						0150	1
R 123	NAS557-12B	. .	GROMMET						0150	1
R 124	66-24843-1	. .	SUPPORT ASSY, RJ3 RELAY						0150	1
		. .	ATTACHING PARTS							
R 126	NAS600-5P	. .	SCREW						0150	1
R 126A	NAS602-6P	. .	SCREW						0150	2
R 127	BACN10NW1	. .	NUT						0150	1
R 129	65-3488-21	. .	BOX, AUTOPILOT JUNCTION						0150	1
R 130	65-3488-12	. .	SUPPORT ASSY, AUTOPILOT JUNCTION BOX ZEE.						0150	1
		. .	ATTACHING PARTS							
R	AN3-3A	. .	BOLT.						0150	1
R	NAS679A3W	. .	NUT						0150	1
R 131	65-3488-8	. .	ZEE, AUTOPILOT JUNCTION BOX SUPPORT SECTION						0150	1
R	65-3488-9	. .	ZEE ASSY, AUTOPILOT JUNCTION BOX SUPPORT SECTION.						0150	1
		. .	ATTACHING PARTS							
R	AN3-3A	. .	BOLT.						0150	2
R	NAS679A3W	. .	NUT						0150	2
R 132	65-3488-10	. .	ZEE, AUTOPILOT JUNCTION BOX SUPPORT SECTION						0150	1
R 133	65-3488-22	. .	ZEE ASSY, AUTOPILOT JUNCTION BOX SUPPORT.						0150	1
		. .	ATTACHING PARTS							
R	AN3-3A	. .	BOLT.						0150	2
R 135	NAS603-6P	. .	SCREW						0150	1
R 136	AN960PD10L	. .	WASHER.						0150	1
R 137	NAS679A3W	. .	NUT						0150	2
		. .	MISSING ITEM NUMBERS ARE NOT APPLICABLE							



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
R 5A	69-31372-4	CIRCUIT BOARD INSTL, RJ3 (SEE FIG. 5, ITEM 16)	0150	RF
R 1	69-31372-2	. COVER ASSY, RJ3 CIRCUIT BOARD	0150	1
R 2	OP5115-6	. . NUT, (V81872)	0150	2
R 3	69-31372-3	. . COVER, RJ3 CIRCUIT BOARD.	0150	1
R 3A	65-38292-6	. . PLATE ASSY, RJ3 DIODE AND RESISTOR CIRCUIT.	0150	2
R 3B	CE123	. . . EYELET, (V04264).	0150	2
R 3C	65-38292-8	. . . CIRCUIT BOARD, BLANK.	0150	1
R 3D	1N648	. . . DIODE, (V99407)	0150	1
R 5	MS27212-1-2	. TERMINAL BOARD ASSY	0150	2
		ATTACHING PARTS		
R	BACS12CB04-7	. SCREW	0150	4
R	NAS679A04W	. NUT	0150	4
		-----*		
R 6	MS25226-2-2	. LINK, TERMINAL CONNECTING	0150	1
MISSING ITEM NUMBERS ARE NOT APPLICABLE				

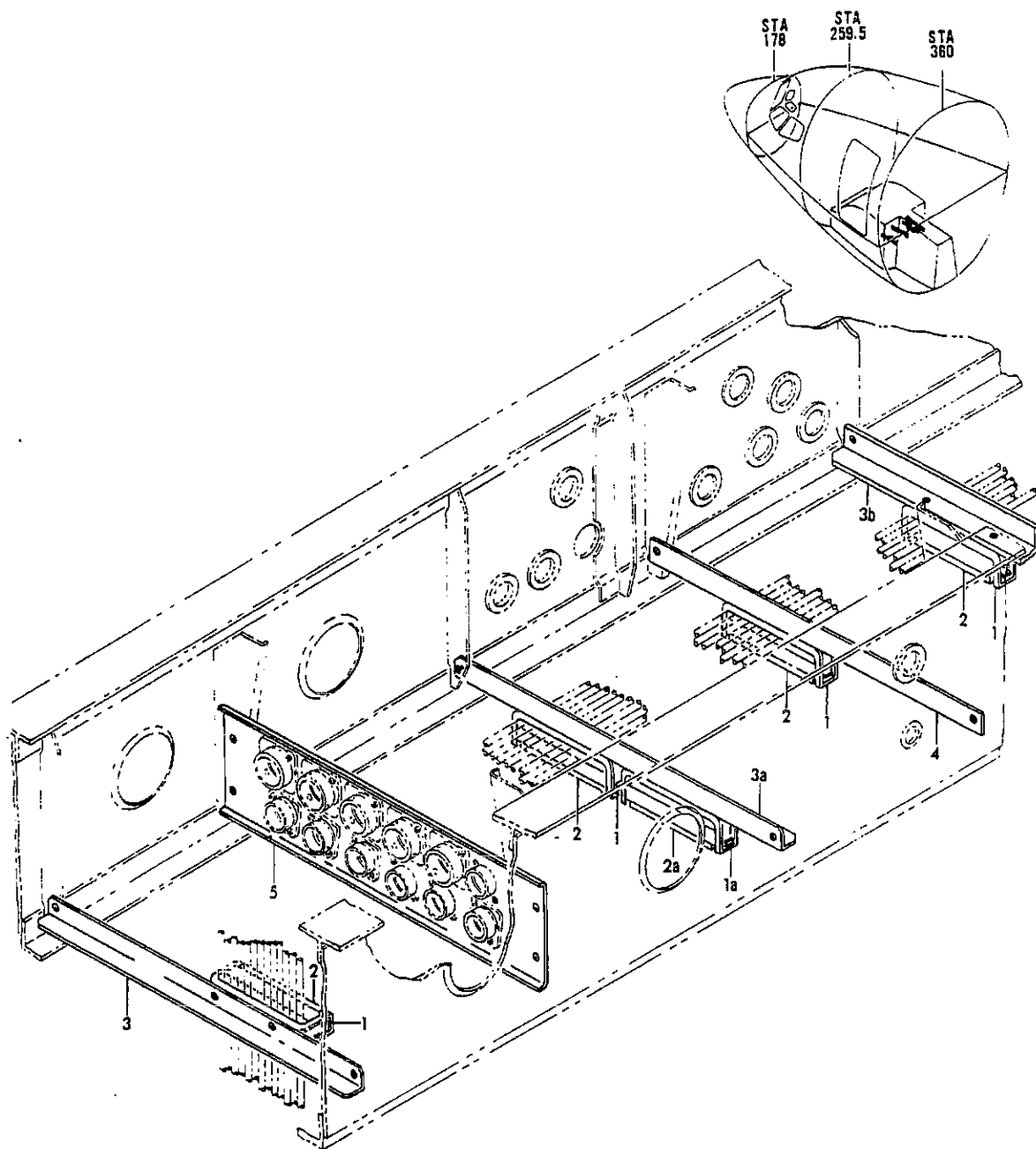


FIGURE 5B. PANEL INSTL, AUTOPILOT JUNCTION DISCONNECT RJ3

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MISSING ITEM NUMBERS ARE NOT APPLICABLE

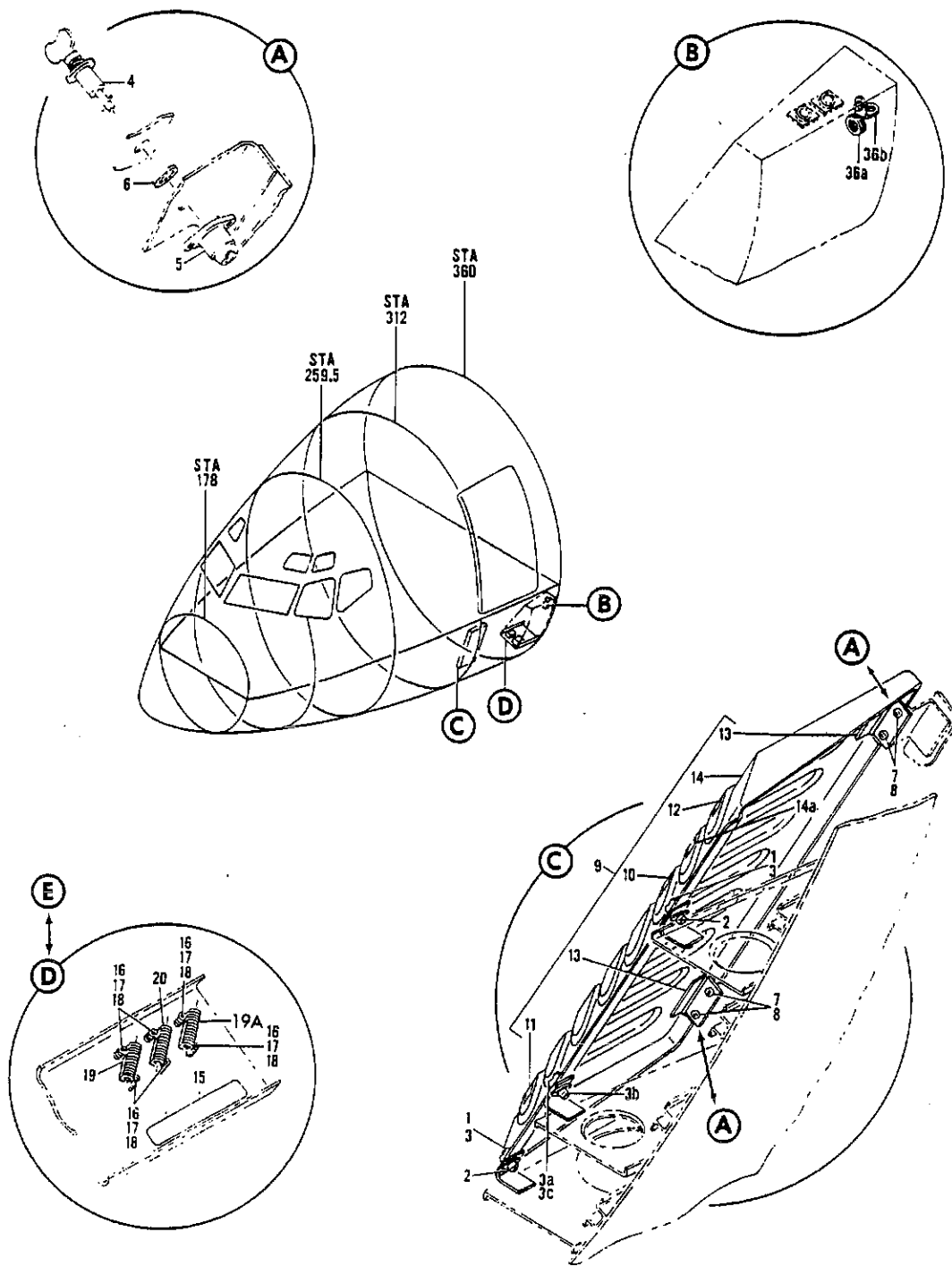


FIGURE 9. COVER INSTL, AUTOPILOT EQUIPMENT
RESISTOR INSIL, STATION 360 AUTOPILOT (SHEET 1)

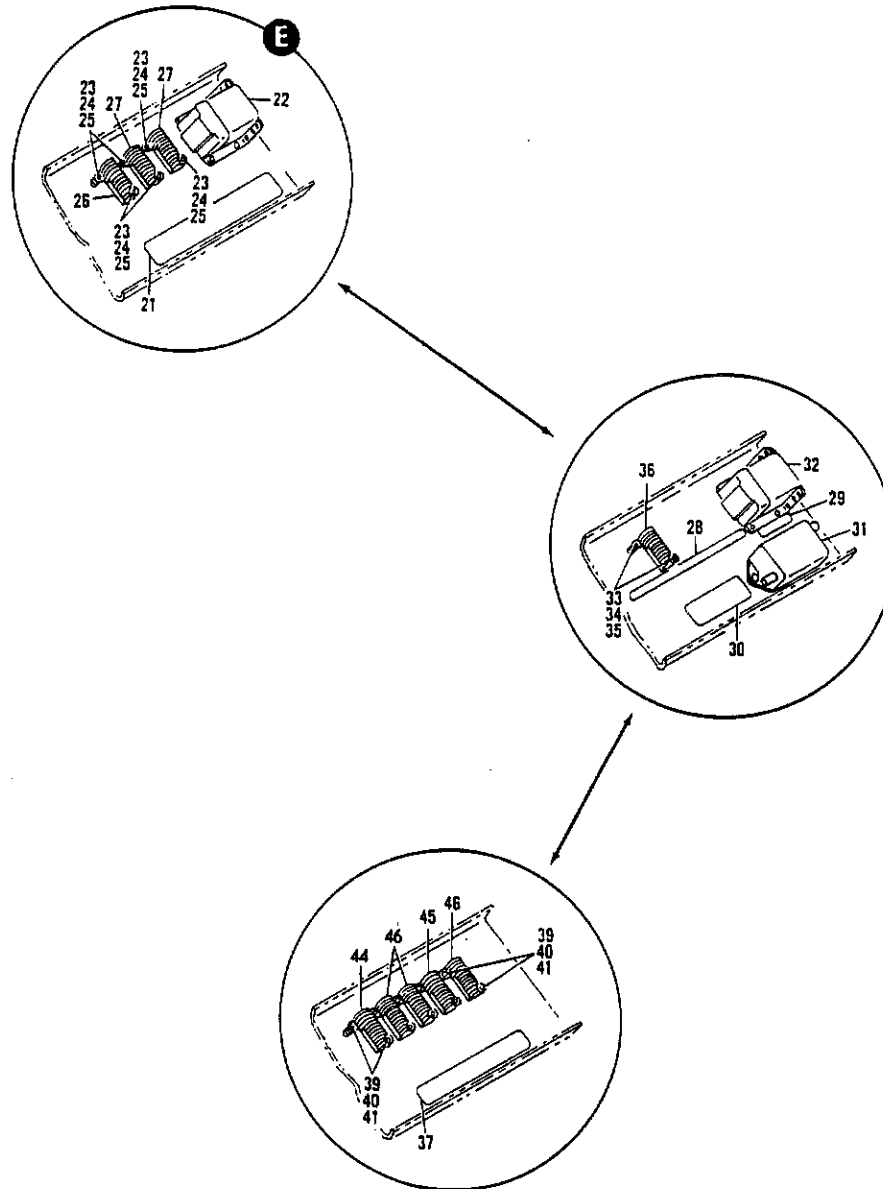


FIGURE 9. COVER INSTL. AUTOPILOT EQUIPMENT
RESISTOR INSTL. STATION 360 AUTOPILOT (SHEET 2)

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PARTS CATALOG

FIGURE & ITEM NO.		MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
			1	2	3	4	5	6	7		
R R R R R R R R R R R R R R R R	9	65-4025-5	COVER INSTL, AUTOPILOT EQUIPMENT.							0150	RF
			. COVER INSTL, AUTOPILOT EQUIPMENT (SEE 24-3, FIG. 5, .							0150	
			ITEM 38, 24-3, FIG. 5A, ITEM 38, 24-3, FIG. 5B,								
			ITEM 38, 24-3, FIG. 5C, ITEM 63, 24-3, FIG. 5D,								
			ITEM 56, 24-3, FIG. 5E, ITEM 33 AND 24-3, FIG.								
			5F, ITEM 32)								
	1	BACS21Y3W	. .	STUD ASSY						0150	2
	2	BACR11Y3A	. .	RECEPTACLE.						0150	2
	3	BACW10X4	. .	WASHER.						0150	2
	4	BACS21Y3W	. .	STUD ASSY						0150	2
	5	BACR11Y3A	. .	RECEPTACLE.						0150	2
	6	BACW10X4	. .	WASHER.						0150	2
	7	NAS603-5	. .	SCREW						0150	4
	8	NAS679A3W	. .	NUT						0150	4
	14	65-4023-4	. .	COVER, AUTOPILOT EQUIPMENT.						0150	1
	14A	BACM9A5L	. .	SCOTCH-CAL, AUTOPILOT						0150	1
MISSING ITEM NUMBERS ARE NOT APPLICABLE											

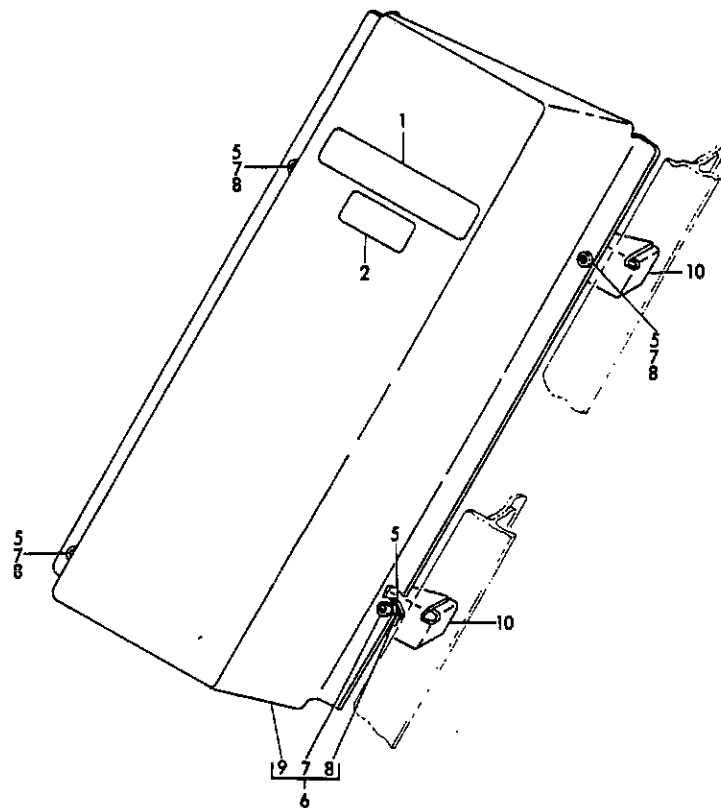
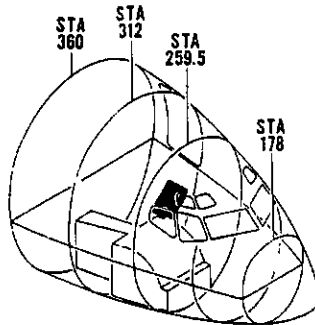


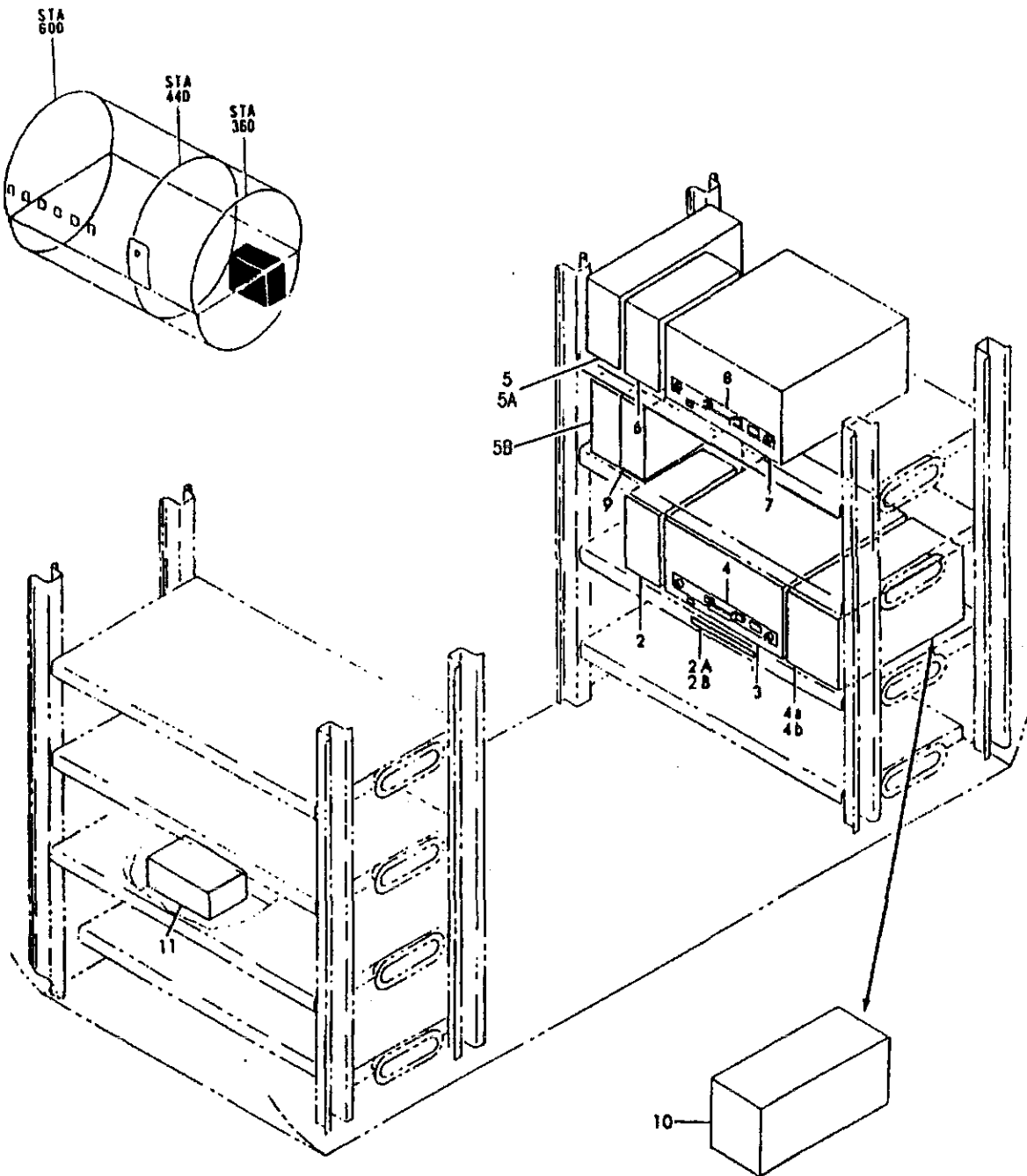
FIGURE 9B. COVER INSTL, RJ25 AUTOPILOT EQUIPMENT



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
9B	65-60235-1		COVER INSTL, RJ25 AUTOPILOT EQUIPMENT (SEE 24-3, FIG. 5B, ITEM 3B, 24-3, FIG. 5D, ITEM 56, 24-3, FIG. 5E, ITEM 33 AND 24-3, FIG. 5F, ITEM 32)	5199	RF
1	BACM9A5L		SCOTCH-CAL, AUTOPILOT EQUIPMENT SHIELD.	5199	1
2	BAC27CEE26B		MARKER-ALUMINUM FOIL, RJ25.	5199	1
5	BACR11V2D		RECEPTACLE.	5199	4
			ATTACHING PARTS		
	BACR15BA3NA		RIVET	5199	8
6	65-60233-1		COVER ASSY.	5199	1
7	BACS21Y4R		STUD ASSY.	5199	4
8	BACN10X4		WASHER.	5199	4
9	65-60233-3		COVER	5199	1
10	66-14277-1		BRACKET, STATION 312 SHIELD MOUNTING.	5199	2
			ATTACHING PARTS		
	BACR15BB5D		RIVET	5199	4
MISSING ITEM NUMBERS ARE NOT APPLICABLE					

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FIGURE 14. EQUIPMENT INSTL, ELECTRONIC RACK (AUTOPLOT ONLY)

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PARTS CATALOG (MAINTENANCE)

FIGURE & ITEM NO.		MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
			1	2	3	4	5	6	7		
R R R R R R R R R R	14	65-1343-87	EQUIPMENT INSTL, ELECTRONIC RACK (AUTO PILOT ONLY). . . (DELETED BY RAF MOD 7211.019-4) (SEE 24-3, FIG. 6D, ITEM 11)							0150	RF
		351-25-50-74125-001	EQUIPMENT INSTL, RACK LOWER SECTION 41 (AUTO PILOT. . . 24-3, FIG. 6D ITEM 150)							0450	RF
		351-25-50-74125-003	EQUIPMENT INSTL, RACK LOWER SECTION 41 (AUTO PILOT. . . ONLY) (VZ0031) (ADDED BY RAF MOD 7211.019-4) (SEE 24-3, FIG. 6D ITEM 150)							0101	RF
		351-25-50-74125-005	EQUIPMENT INSTL, RACK LOWER SECTION 41 (AUTO PILOT. . . ONLY) (VZ0031) (ADDED BY RAF MOD 7211.019-4) (SEE 24-3, FIG. 6D ITEM 150)							0203	RF
	2	10-3056-51	. BOX, AUTOPILOT SYSTEM POWER JUNCTION.							0150	1
	3	10-3056-151	. AMPLIFIER AND COMPUTER, AUTOPILOT SYSTEM.							0150	1
	4	10-3056-301	. ADAPTER, AUTOPILOT SYSTEM AMPLIFIER AND COMPUTER. . .							0150	1
	5A	10-60215-1	. COUPLER, MACH TRIM.							0150	1
	5A	10-60215-1	. COUPLER, MACH TRIM (DELETED BY RAF MOD 7211.019-4). .							0150	1
	5B	10-60215-1	. COUPLER, MACH TRIM (ADDED BY RAF MOD 7211.019-4). .							0150	1
			. FOR REFERENCE TO OTHER EQUIPMENT DETAILS, SEE NHA . .							0150	
MISSING ITEM NUMBERS ARE NOT APPLICABLE											

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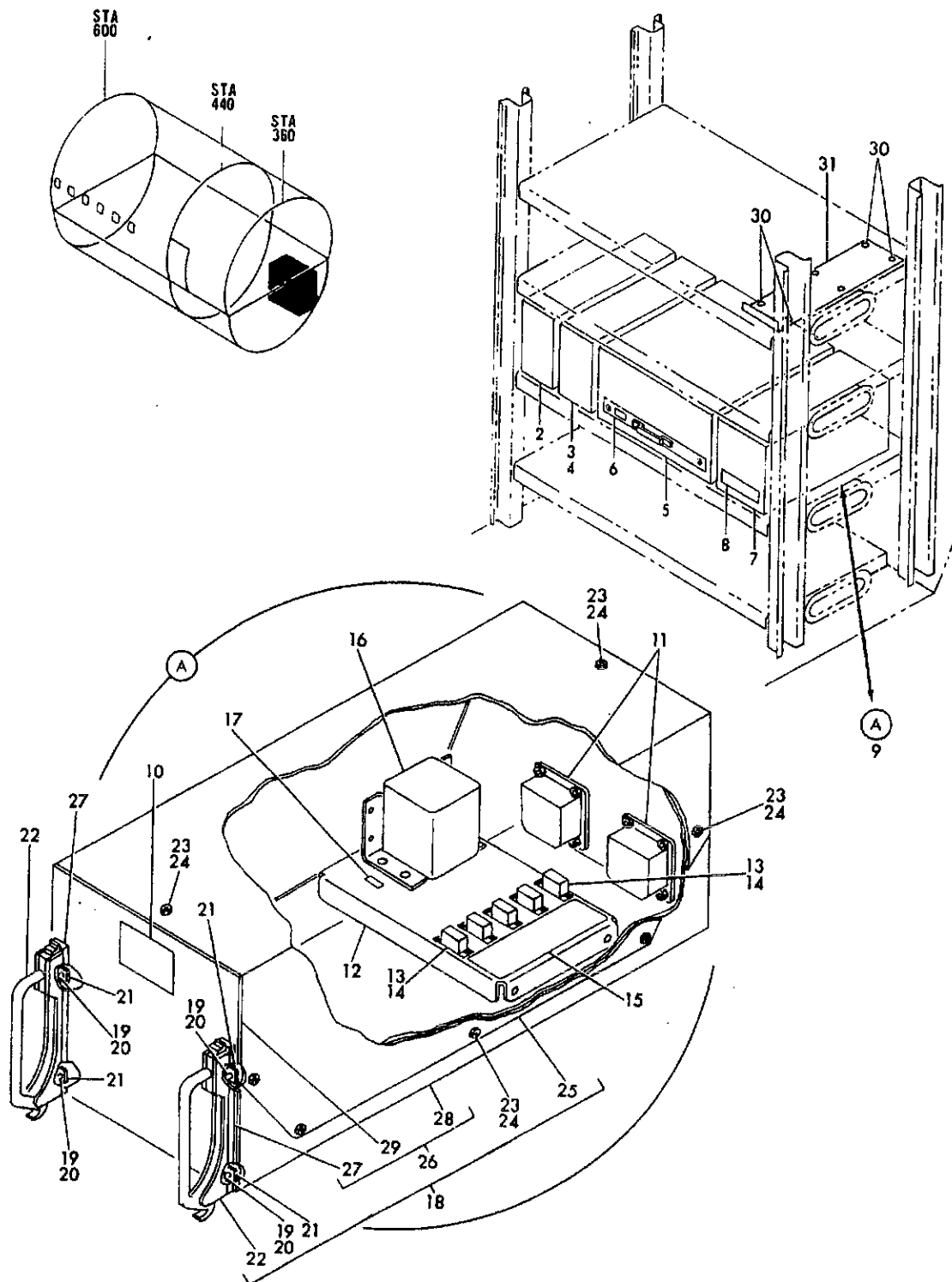


FIGURE 14C. EQUIPMENT INSTL, ELECTRONIC RACK (AUTO PILOT ONLY)



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
R R R R R R R	14C	65-1343-205	EQUIPMENT INSTL, LH RADIO RACK (AUTOPILOT ONLY) (SEE. . 5199							RF
			24-3, FIG. 6F, ITEM 9)							
	2	10-60215-2	. COUPLER, MACH TRIM. 5199							1
	3	BACM9N10-1CC	. SCOTCH-CAL, PART NO. 10-3056-9 (LOCATED ADJACENT TO . 5199							1
			NAMEPLATE ON BAC SPEC NO. 10-3056-9)							
	4	10-3056-9	. BOX, AUTOPILOT SYSTEM POWER JUNCTION. 5199							1
	5	10-3056-201	. AMPLIFIER AND COMPUTER, AUTOPILOT SYSTEM. 5199							1
	6	10-3056-301	. ADAPTER, AUTOPILOT SYSTEM AMPLIFIER AND COMPUTER. . . 5199							1
			. FOR REFERENCE TO OTHER EQUIPMENT DETAILS, SEE NHA . . 5199							
MISSING ITEM NUMBERS ARE NOT APPLICABLE										

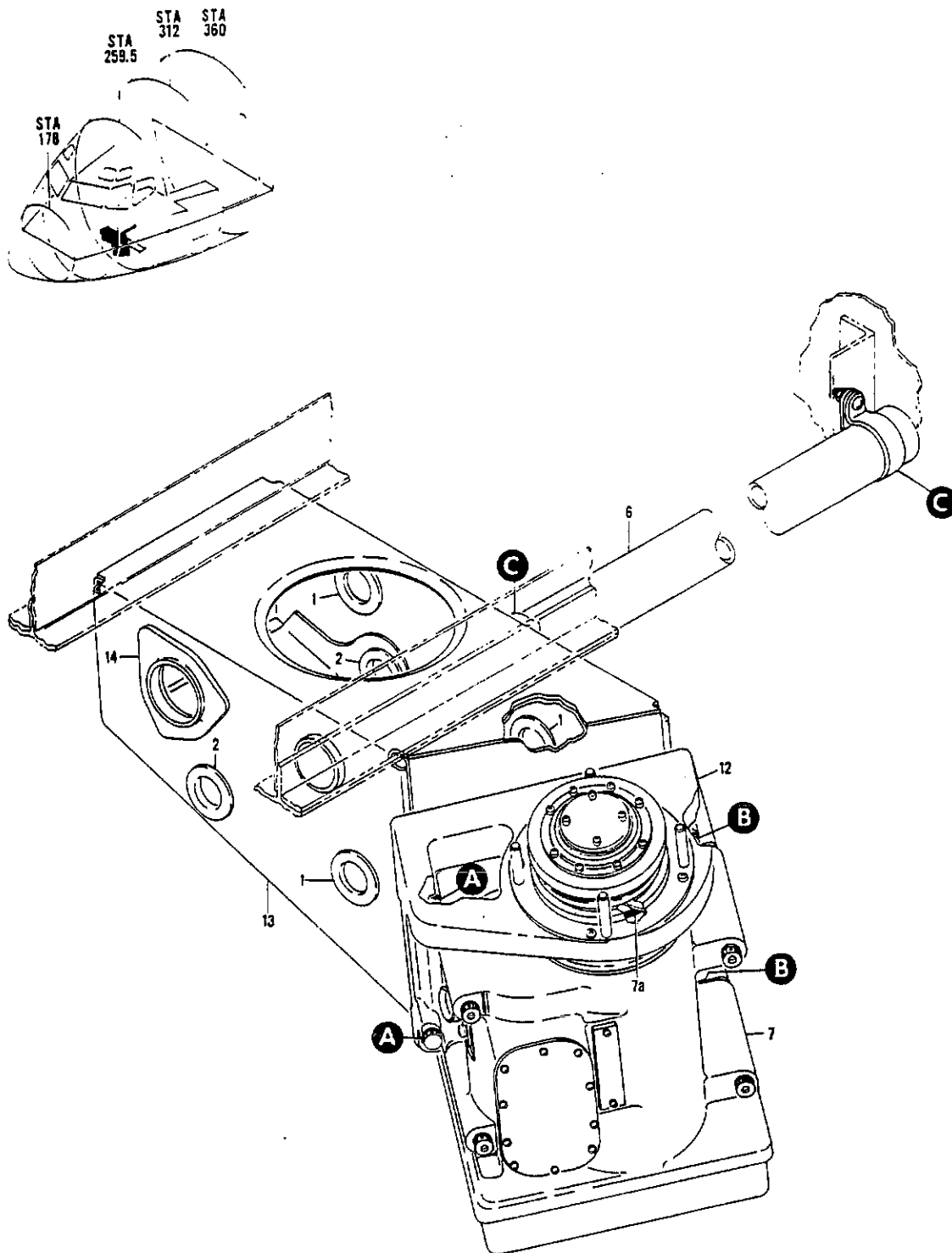


FIGURE 15. SERVO INSTL, STATION 235, 8 TO 243, 7 AILERON CONTROL (SHEET 1)

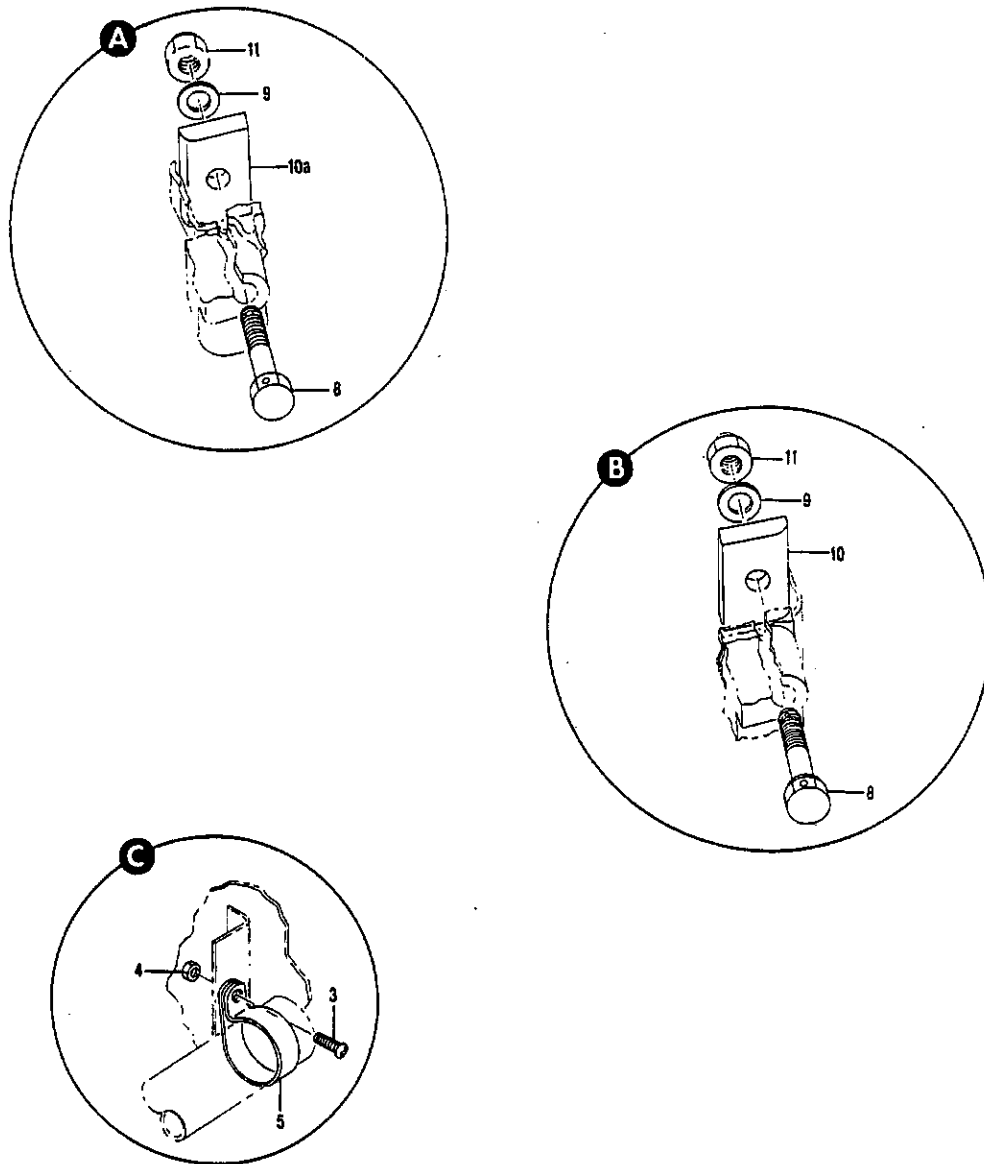


FIGURE 15. SERVO INSTL, STATION 235, 8 TO 243, 7 AILERON CONTROL (SHEET 2)

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PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
15	65-3784	SERVO INSTL, STATION 235.8 TO 243.7 AILERON CONTROL . . (SEE 27-3, FIG. 1, ITEM 13)		RF
1	BACG20H4N	. GROMMET		3
2	BACG20H104N	. GROMMET		2
3	AN520-10R8	. SCREW		2
4	NAS679A3W	. NUT		2
5	AN742D20	. CLAMP		2
6	65-3784-1	. TUBE, STATION 235.8 TO 243.7 AILERON CONTROL SERVO . .		1
7	10-3056-B6	. SERVO, AUTOPILOT SYSTEM SURFACE		1
		ATTACHING PARTS		
	MDASHO-1648855	. BOLT, STAINLESS STEEL (V19315) (SUPPLIED WITH BAC . . SPEC NO. 10-3056-29 OR -17) (OPTIONAL AN74A30)		4
7A	1273754-1	. PACKING, (V19315) (OPTIONAL A3579-6 (V81168))		1
7A	A3579-6	. PACKING, (V81168) (OPTIONAL TO 1273754-1 (V19315))		1
8	AN4-7A	. BOLT		4
9	AN960D416L	. WASHER		4
10	50-3361-3029	. FILLER, CONTROLS RADIUS		2
10A	50-3361-3030	. FILLER, CONTROLS RADIUS		2
11	NAS679A4W	. NUT		4
	BACM9N10-1CN	. SCOTCH-CAL, 10-3056-29 (LOCATED ADJACENT TO NAMEPLATE ON BAC SPEC NO. 10-3056-29)		1
12	10-3056-29	. MOUNT ASSY, AUTOPILOT SYSTEM PULLEY AND SERVO		1
13	65-4371	. SUPPORT ASSY, AILERON SERVO		1
		ATTACHING PARTS		
	AN3-6A	. BOLT		4
	AN960D10	. WASHER		4
	65-3784-3	. FILLER, STATION 235.8 TO 243.7 AILERON CONTROL SERVO RADIUS		4
	NAS679A3W	. NUT		4
14	66-3571	. GROMMET, AILERON SERVO SUPPDRT.		1
	AN470A4	. ATTACHING PARTS RIVET		3
MISSING ITEM NUMBERS ARE NOT APPLICABLE				

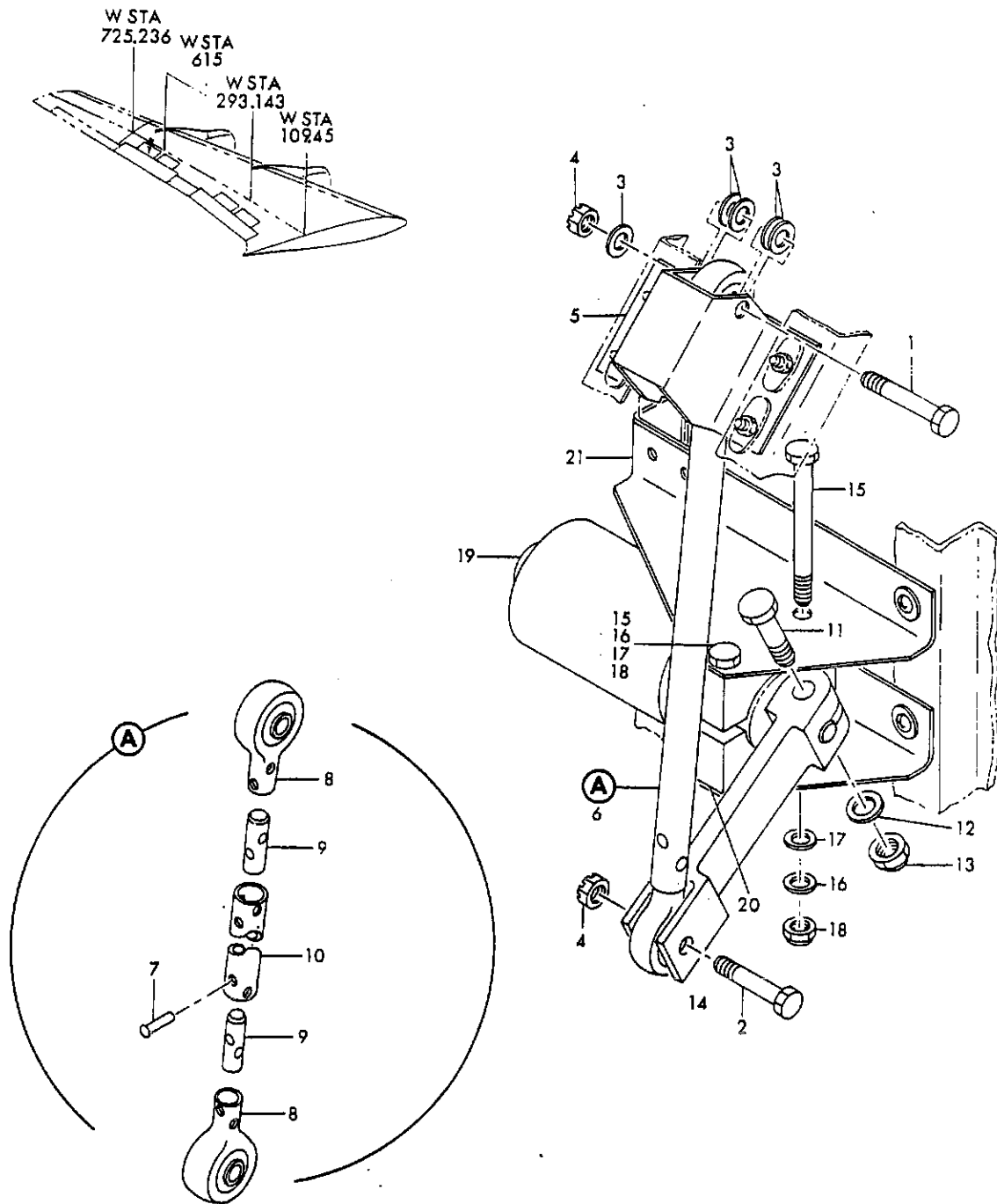


FIGURE 16. BRACKET INSTL, SPOILER POSITION TRANSMITTER



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
16	65-21085-1		BRACKET INSTL, SPOILER POSITION TRANSMITTER (LH) (SEE . 27-3, FIG. 7, ITEM 46)		RF
	65-21085-2		BRACKET INSTL, SPOILER POSITION TRANSMITTER (RH) (SEE . 27-3, FIG. 7, ITEM 46)		RF
1	NAS1103-13DW		. BOLT. (OPTIONAL NAS464P3-13W)		1
1	NAS464P3-13W		. BOLT. (OPTIONAL TO NAS1103-13DW)		1
2	NAS1103-10DW		. BOLT. (OPTIONAL NAS464P3-10W)		1
2	NAS464P3-10W		. BOLT. (OPTIONAL TO NAS1103-10DW)		1
3	AN960D10		. WASHER.		5
4	AN320-3		. NUT		2
5	66-9724		. BRACKET, SUPPORT. ATTACHING PARTS		1
	NAS221-10		. SCREW		4
6	66-9735		. ROD ASSY.		1
7	AN470D4-4		. RIVET		4
8	BACB10A455		. BEARING		2
9	66-9445-2		. PLUG, LEADING EDGE FLAP CONTROL LINK.		2
10	66-9735-1		. TUBE, ROD		1
11	AN4-7A		. BOLT.		1
13	NAS679A4W		. NUT		1
14	66-9730-1		. ARM		1
15	AN4-21A		. BOLT.		2
17	AN960D416		. WASHER.		2
18	NAS679A4W		. NUT		2
19	10-3056-12		. TRANSMITTER, AUTOPILOT POSITION		1
20	66-3466-1		. BLOCK, SUPPORT.		1
21	69-10084-1		. BRACKET ASSY, (LH ONLY)		1
21	69-10084-2		. BRACKET ASSY, (RH ONLY) ATTACHING PARTS		1
	NAS221-9		. SCREW		4
	AN960D10		. WASHER.		4
	NAS679A3W		. NUT		4
	BACM9N10-1CF		. SCOTCH-CAL, (LOCATED ADJACENT TO NAMEPLATE ON BAC . . SPEC NO. 10-3056-12)		1

MISSING ITEM NUMBERS ARE NOT APPLICABLE

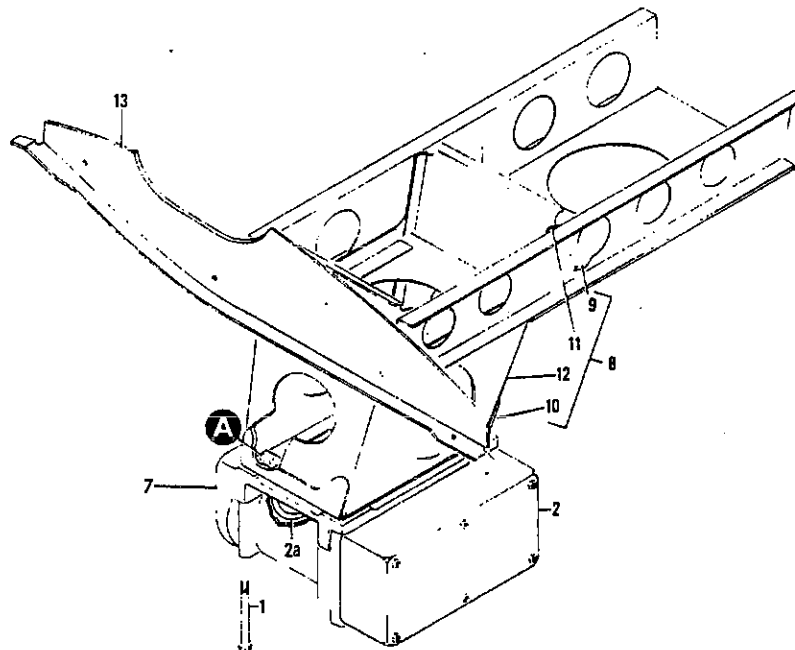
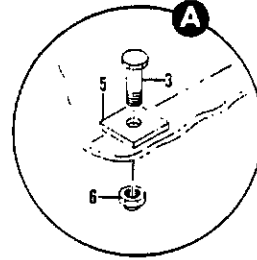
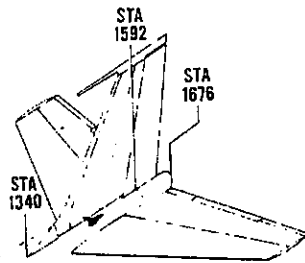
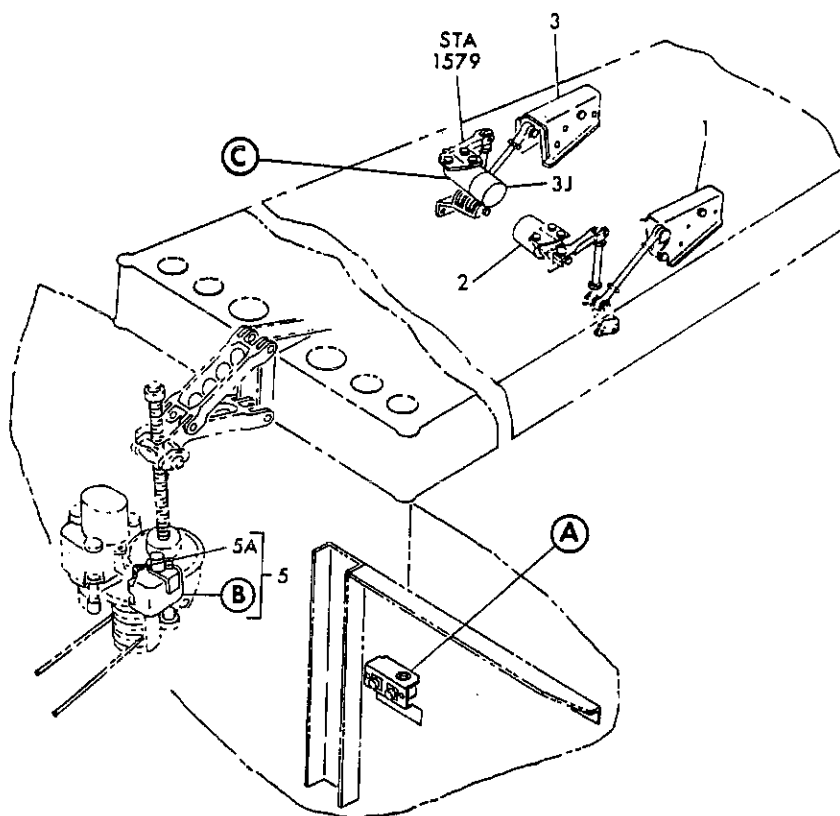
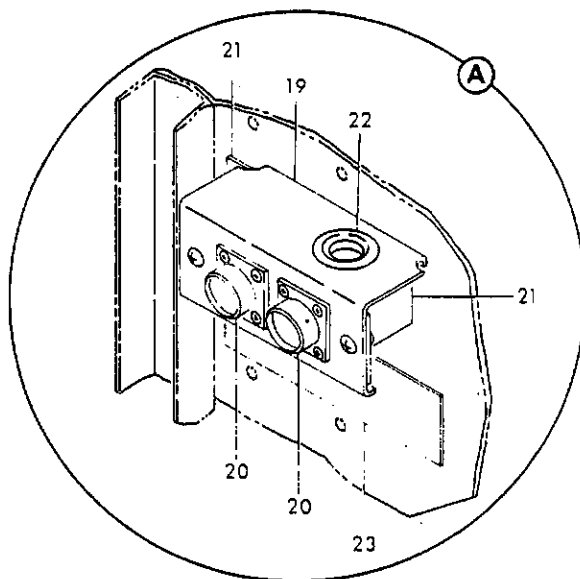
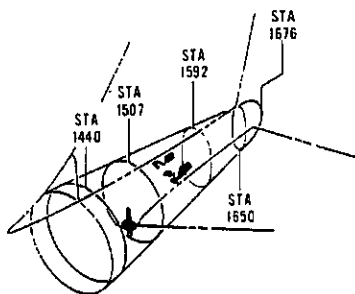


FIGURE 17. SERVO INSTL, STATION 1484 TO 1505, 87 RUDDER CONTROL

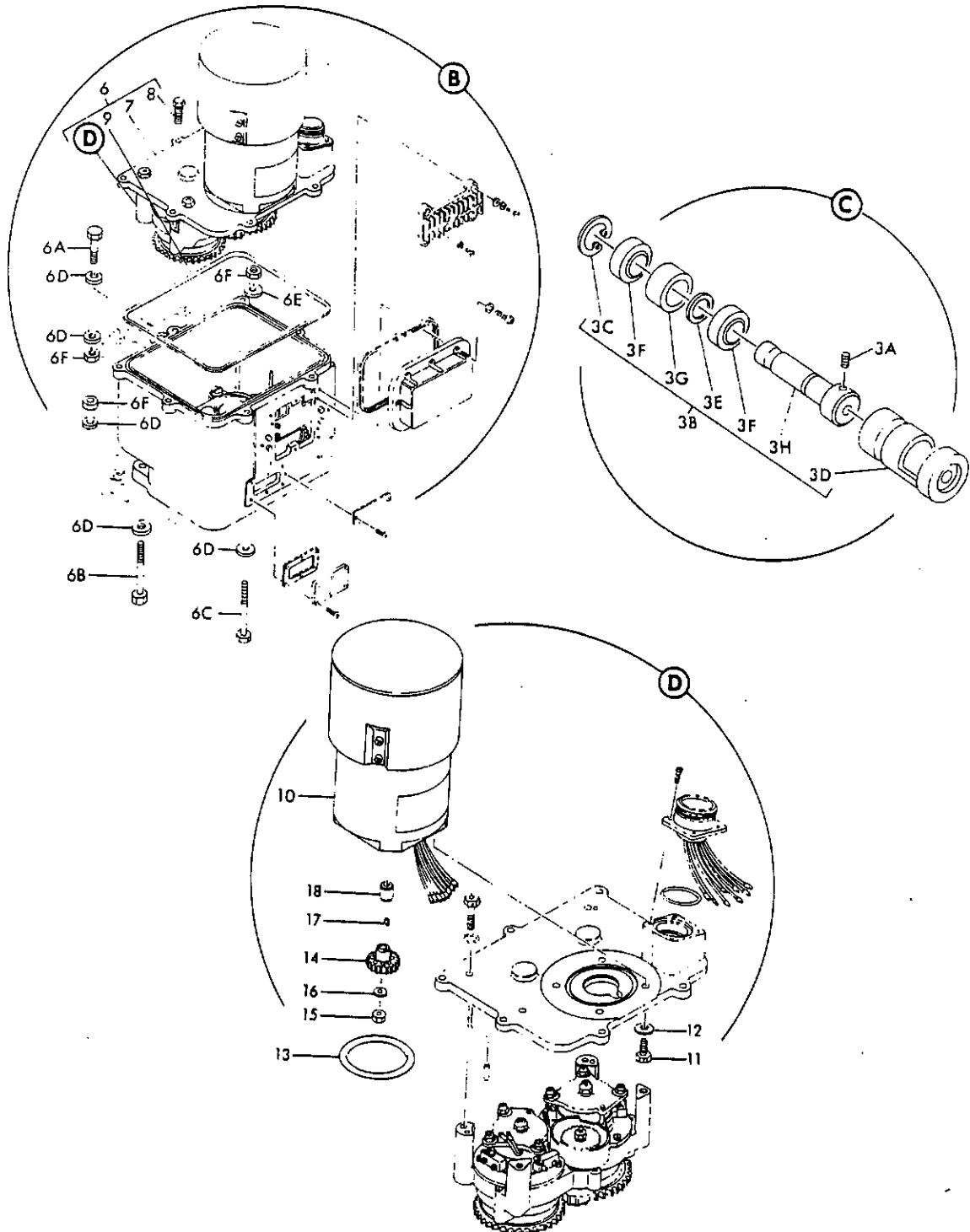


PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
17	65-3783-36	SERVO INSTL, STATION 1484 TO 1505.87 RUDDER CONTROL . . (SEE 27-9, FIG. 9, ITEM 11)								RF
8	65-3783-40	. SUPPORT ASSY.								1
10	69-3240-2	. . PAN								1
11	69-3290	. . PLATE, END.								1
12	65-4049-1	. . BRACKET								1
13	65-3783-19	. BEAM.								1
MISSING ITEM NUMBERS ARE NOT APPLICABLE										



FOLLOW-UP INSTL, MACH BALANCE COMPENSATOR (AUTOPILOT ONLY)
FIGURE 18. ACTUATOR INSTL, STABILIZER TRIM (AUTOPILOT ONLY) (SHEET 1)



FOLLOW-UP INSTL, MACH BALANCE COMPENSATOR (AUTOPILOT ONLY)
FIGURE 18. ACTUATOR INSTL, STABILIZER TRIM (AUTOPILOT ONLY) (SHEET 2)

PARTS CATALOG

FIGURE & ITEM NO.		MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
18			1	2	3	4	5	6	7		
R R R R			FOLLOW-UP INSTL, MACH BALANCE COMPENSATOR (AUTOPILOT. . ONLY)								
	1	65-17044-1	ACTUATOR INSTL, STABILIZER TRIM (AUTOPILOT ONLY)							0150	RF
			. FOLLOW-UP INSTL, MACH BALANCE COMPENSATOR (LH).								
			(AUTOPILOT ONLY) (SEE 27-12, FIG. 9, ITEM 32 AND								
	1	65-17044-3	27-12, FIG. 9A, ITEM 32)							5199	RF
		BACM9N10-1CF	. FOLLOW-UP INSTL, MACH BALANCE COMPENSATOR (AUTOPILOT								
			ONLY) (SEE 27-12, FIG. 9, ITEM 32)								
	2	10-3056-12	. . SCOTCH-CAL, (LOCATED ADJACENT TO NAMEPLATE ON BAC .								1
			SPEC NO. 10-3056-12)								
	5	65-6507	. . TRANSMITTER, AUTOPILOT SYSTEM POSITION.								
R R			. . FOR REFERENCE TO OTHER FOLLOW-UP DETAILS, SEE NHA .								
	5A	63-10587	. ACTUATOR INSTL, STABILIZER TRIM (AUTOPILOT ONLY) (SEE								RF
			27-12, FIG. 9, ITEM 2 AND 27-12, FIG. 9A, ITEM 2)								
	6	10-60284-5	. . WASHER, STABILIZER TRIM ACTUATOR.							5199	1
	6	10-60284-4	. . SERVO, AUTOMATIC PILOT STABILIZER TRIM.							0450	1
	6	10-60284-4	. . SERVO, AUTOMATIC PILOT STABILIZER TRIM.							0103	1
			(OPTIONAL 10-60284-3)								
	6	10-60284-3	. . SERVO, AUTOMATIC PILOT.							0103	1
			(OPTIONAL TO 10-60284-4)								
			ATTACHING PARTS								
	6A	NAS1304-15	. . BOLT.								1
	6B	NAS1304-27	. . BOLT.								1
	6C	NAS1304-31	. . BOLT.								1
	6D	AN960D416L	. . WASHER.								5
	6E	AN960D416	. . WASHER.								1
	6F	NAS679A4W	. . NUT								3
			-----*								
			. . FOR REFERENCE TO OTHER ACTUATOR DETAILS, SEE NHA. .								
MISSING ITEM NUMBERS ARE NOT APPLICABLE											

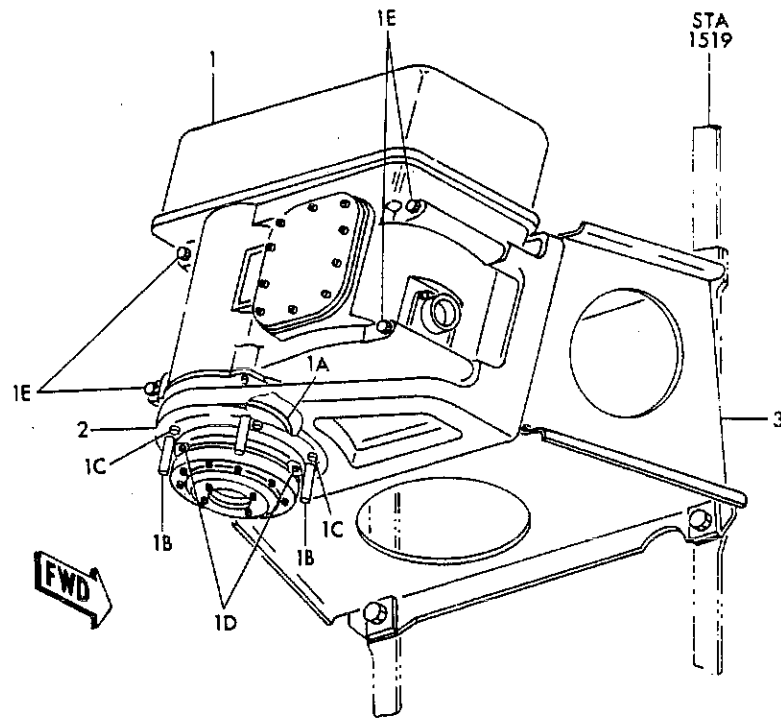
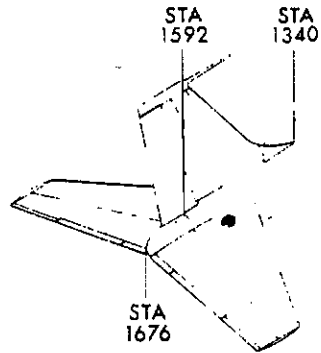


FIGURE 19. SERVO INSTL, STATION 1519 ELEVATOR CONTROL

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FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF FROM TO	UNITS PER ASSY
19	65-3324	SERVO INSTL, STATION 1519 ELEVATOR CONTROL (SEE 27-11, FIG. 6, ITEM 18)		RF
	BACM9N10-1CE	. MARKER-ALUMINUM FOIL, (LOCATED ADJACENT TO. NAMEPLATE ON BAC SPEC NO. 10-3056-11)		1
	BACM9N10-1CN	. MARKER-ALUMINUM FOIL, (LOCATED ADJACENT TO. NAMEPLATE ON BAC SPEC NO. 10-3056-29)		1
	BACM9N10-1CJ	. MARKER-ALUMINUM FOIL, (LOCATED ADJACENT TO. NAMEPLATE ON BAC SPEC NO. 10-3056-17)		1
1	10-3056-11	. SERVO, AUTOPILOT SYSTEM SURFACE		1
	AL338A1	. ACCESSORIES, (V19315)		1
1A	1273754-1	. O-RING, (V19315) (OPTIONAL A3579-6 (V81168))		1
1A	A3579-6	. O-RING, (V81168) (OPTIONAL TO 1273754-1 (V19315))		1
1B	1273751-1	. POSTS, CABLE GUARD (V19315)		4
1C	MDFIL0-603SS	. SCREW, (V19315)		4
1D	1273965	. SCREW, LOCKING (V19315)		2
1E	MDASH0-1648SS	. SCREW, (V19315) (OPTIONAL AN74A30)		4
1E	AN74A30	. SCREW (OPTIONAL TO MDASH0-1648SS (V19315))		4
2	10-3056-29	. MOUNT ASSY, AUTOPILOT SYSTEM PULLEY AND SERVO (OPTIONAL BAC SPEC NO. 10-3056-17)		1
2	10-3056-17	. MOUNT ASSY, AUTOPILOT SYSTEM PULLEY AND SERVO (OPTIONAL TO BAC SPEC NO. 10-3056-29)		1
	AN4-10A	ATTACHING PARTS		
	AN960D416	. BOLT.		4
	50-3361-87	. WASHER.		4
	NAS679A4W	. FILLER, CONTROLS RADIUS		4
		. NUT		4
3	65-4357	. BRACKET ASSY, STATION 1519 ELEVATOR SERVO ATTACHING PARTS		1
	AN4-6A	. BOLT.		4
	AN960D416	. WASHER.		4
	50-3361-3031	. FILLER, CONTROLS RADIUS		2
	50-3361-3032	. FILLER, CONTROLS RADIUS		2

MISSING ITEM NUMBERS ARE NOT APPLICABLE

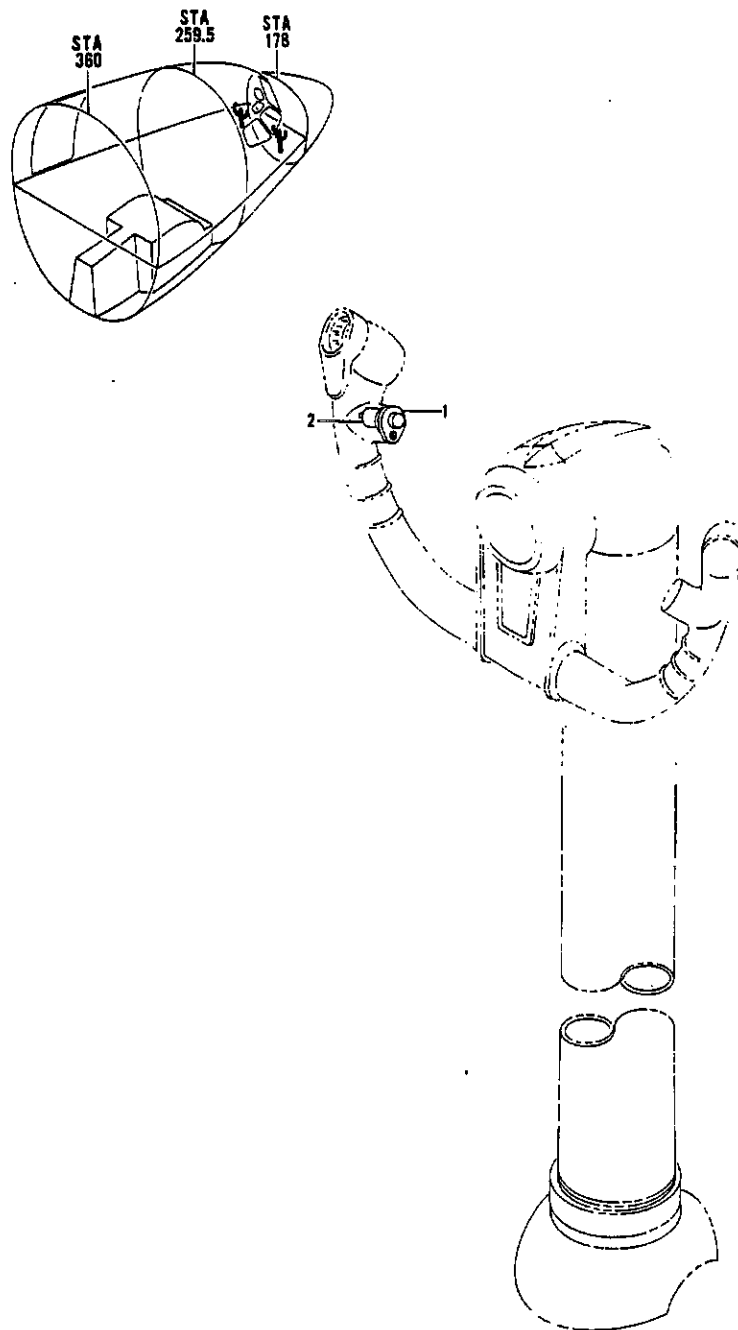


FIGURE 22 WHEEL ASSY, CONTROL COLUMN (AUTOPILOT ONLY)



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
22	65-22960-61		WHEEL ASSY, CONTROL COLUMN (PILOT) (AUTOPILOT ONLY) . . . (SEE 27-1, FIG. 4, ITEM 1)	0150	RF
	65-22960-81		WHEEL ASSY, CONTROL COLUMN (PILOT) (AUTOPILOT ONLY) . . . (SEE 27-1, FIG. 4, ITEM 1)	5199	RF
	65-22960-62		WHEEL ASSY, CONTROL COLUMN (COPILOT) (AUTOPILOT ONLY) . . . (SEE 27-1, FIG. 4, ITEM 1)	0150	RF
	65-22960-82		WHEEL ASSY, CONTROL COLUMN (PILOT) (AUTOPILOT ONLY) . . . (SEE 27-1, FIG. 4, ITEM 1)	5199	RF
	1 6-72490		. CAP, CONTROL WHEEL.		1
			ATTACHING PARTS		
	NAS514P632-7B		. SCREW		1
	2 C2006CB		. SWITCH, (V81640). (OPTIONAL C2006RCB (V81640))		1
	2 C2006RCB		. SWITCH, (V81640). (OPTIONAL TO (2006CB (V81640))		1
	RP7641GB		. RELAY, (V81640) (ADDED BY RAF MOD 7211-019-193) . . .	0150	2
R R R	RP9005G1		. BASE, RELAY (V81640) (ADDED BY RAF MOD. 7211-019-193)	0150	2
			. FOR REFERENCE TO OTHER WHEEL DETAILS, SEE NHA		
MISSING ITEM NUMBERS ARE NOT APPLICABLE					

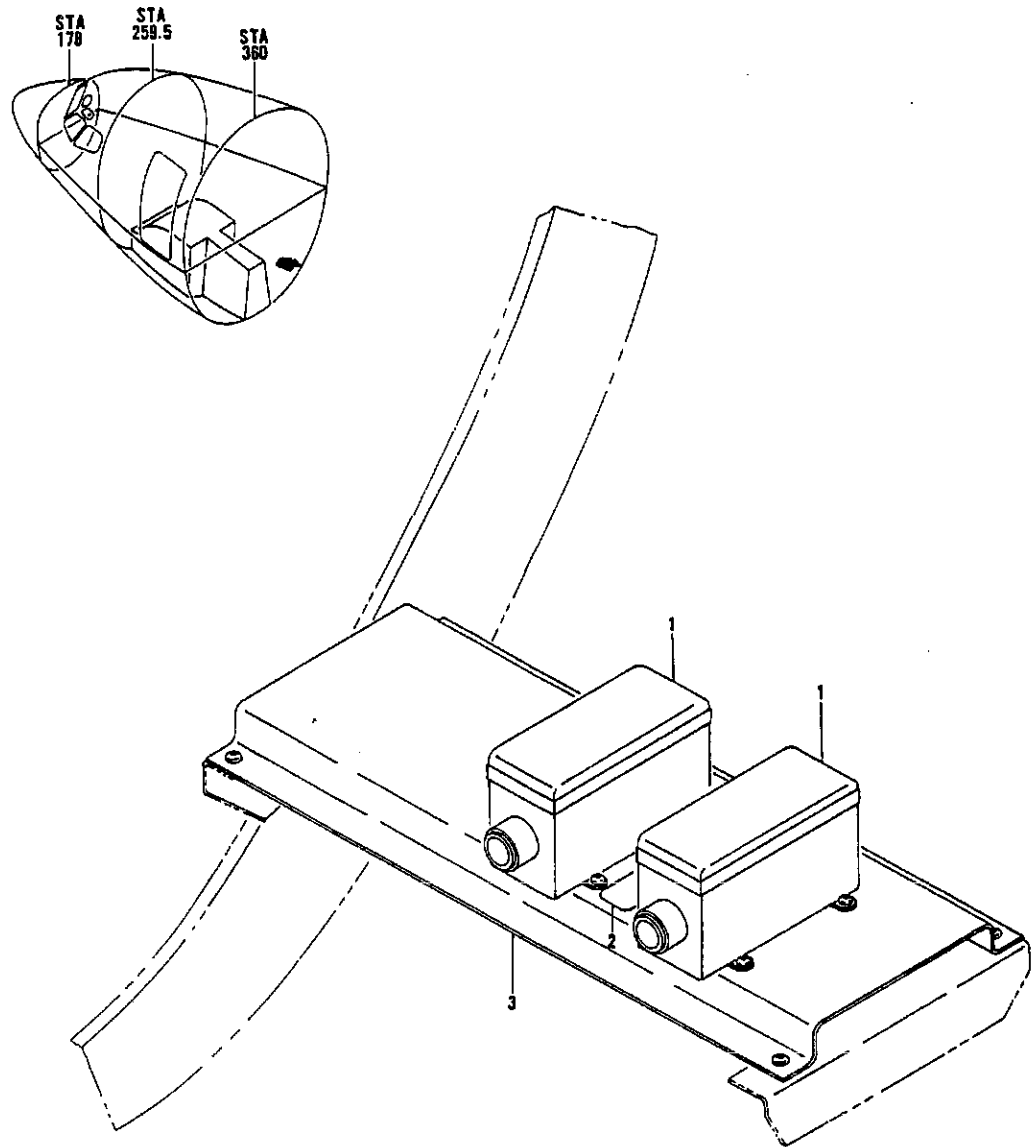


FIGURE 23. SWITCH INSTL, AUTOPILOT SYSTEM VERTICAL GYRO RATE



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY	
		1	2	3	4	5	6	7			
R R R R R R	23	65-13780-3	SWITCH INSTL, AUTOPILOT SYSTEM VERTICAL GYRO RATE (SEE 24-3, FIG. 5, ITEM 95, 24-3, FIG. 5A, ITEM 95, 24-3, FIG. 5B, ITEM 95, 24-3, FIG. 5C, ITEM 118, 24-3, FIG. 5D, ITEM 102, 24-3, FIG. 5E, ITEM 61 AND 24-3, FIG. 5F, ITEM 591							0150	RF
	3	69-11930	. CHANNEL ASSY, VERTICAL GYRO RATE SWITCHES SUPPORT . .							0150	1
		NAS603-6P	ATTACHING PARTS							0150	4
		BACN10JP3A	. SCREW							0150	4
			. NUT							0150	4
-----*											
MISSING ITEM NUMBERS ARE NOT APPLICABLE											

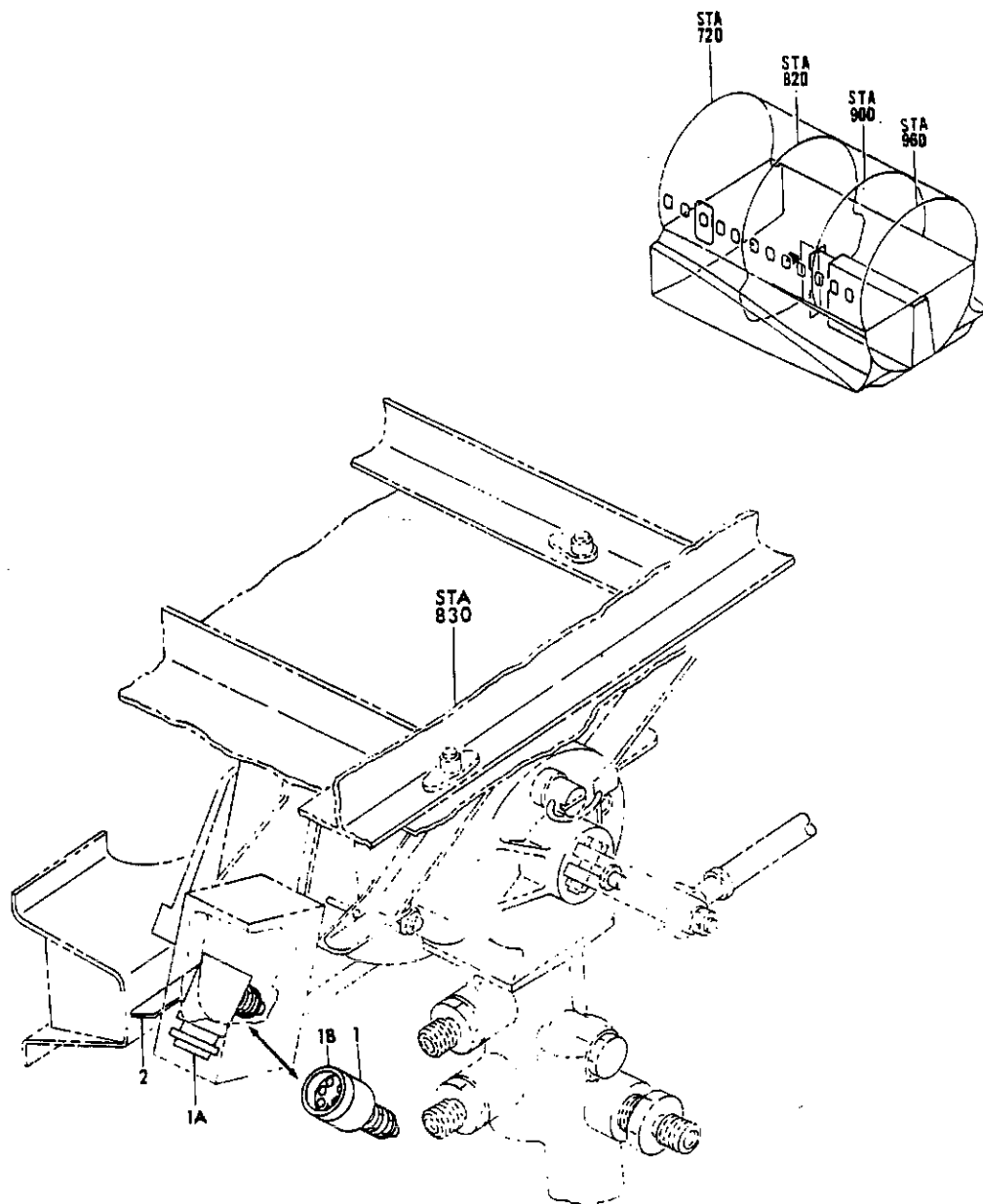


FIGURE 24. BRACKET INSTL, BODY STATION 830 FLAP DRIVE VALVE CONTROL (AUTOPILOT ONLY)



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
24	5-97267-3013		BRACKET INSTL, BDDY STATION 830 FLAP DRIVE VALVE. . . . CONTROL (AUTOPILOT ONLY) (SEE 27-7, FIG. 4, ITEM 11 AND 27-7, FIG. 5, ITEM 11)		RF
1A	H11-1050		. SWITCH, (V81640).		1
1A	5EN43R		(OPTIONAL 5EN43R (V91929))		
2	BACM10S3ZU		. SWITCH, (V91929).		1
			(OPTIONAL TO H11-1050 (V81640))		
			. MARKER, AUTOPILOT SWITCH ALUMINUM FOIL.		1
			. FOR REFERENCE TO OTHER BRACKET DETAILS, SEE NHA		
MISSING ITEM NUMBERS ARE NOT APPLICABLE					

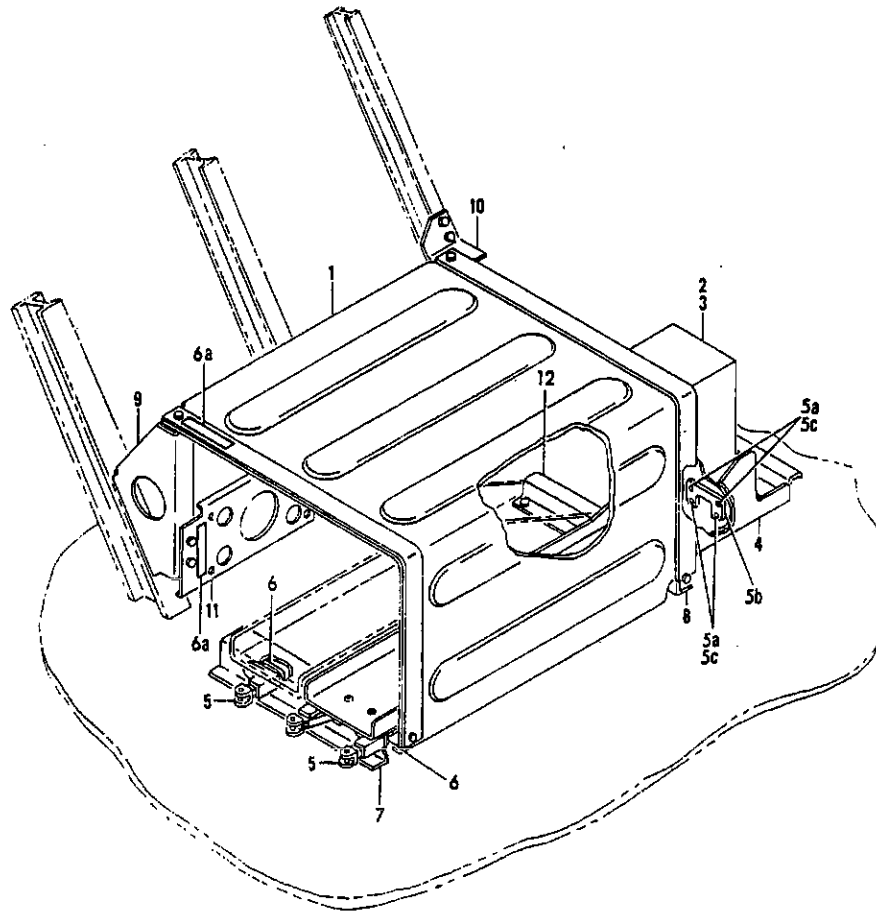
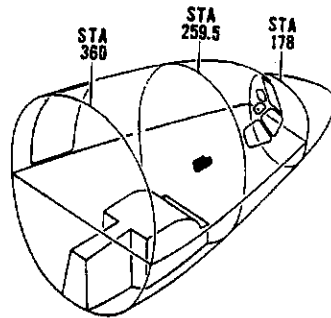


FIGURE 26. EQUIPMENT INSTL, DOPPLER CAVITY DECK AAIP
YAW DAMPER INSTL, DOPPLER CAVITY DECK AAIP

MISSING ITEM NUMBERS ARE NOT APPLICABLE

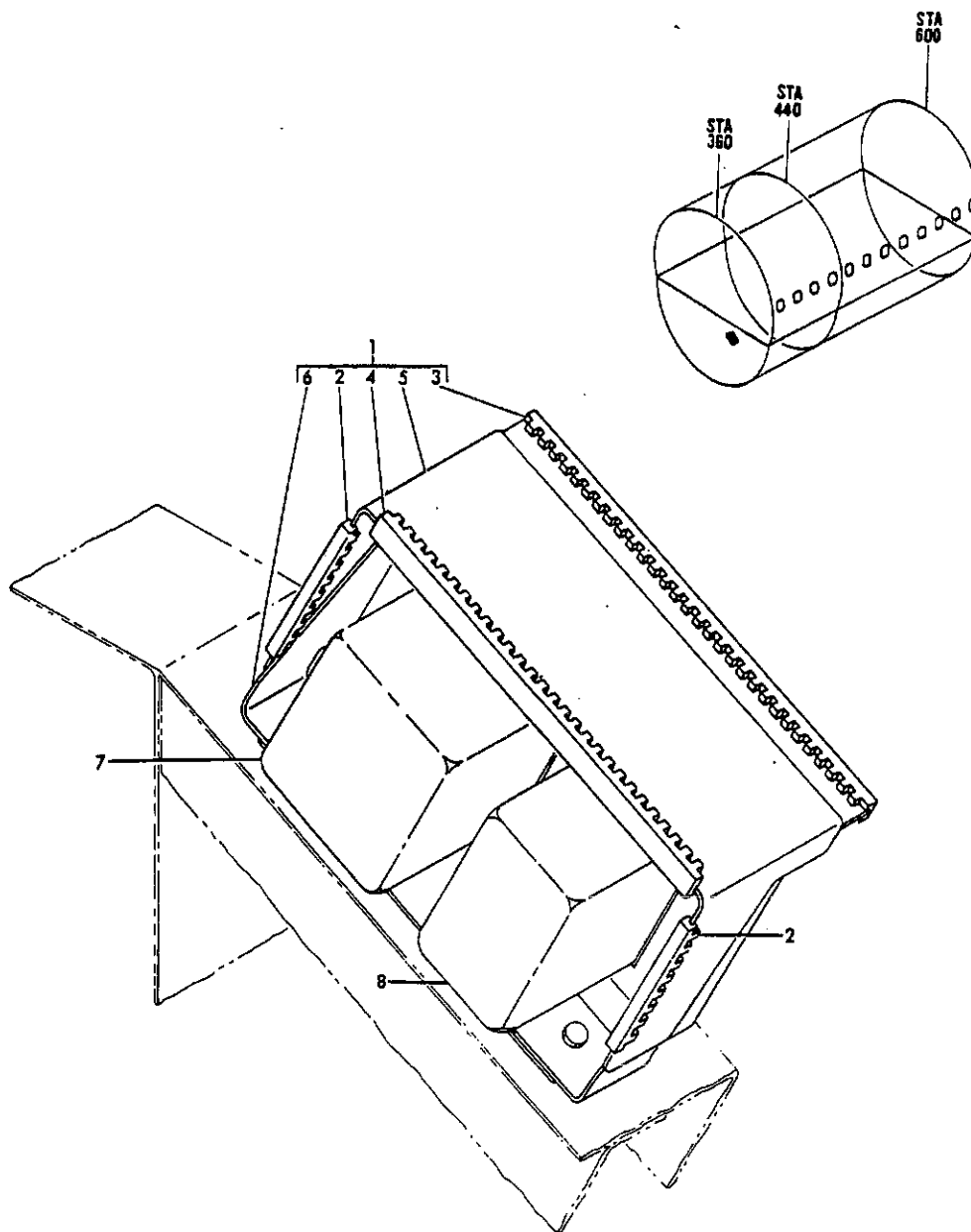


FIGURE 28. RELAY INSTL, AUTOPILOT SYSTEM MISCELLANEOUS FUNCTIONS
RELAY INSTL, AUTOPILOT SYSTEM PITCH AXIS DISENGAGE

MISSING ITEM NUMBERS ARE NOT APPLICABLE

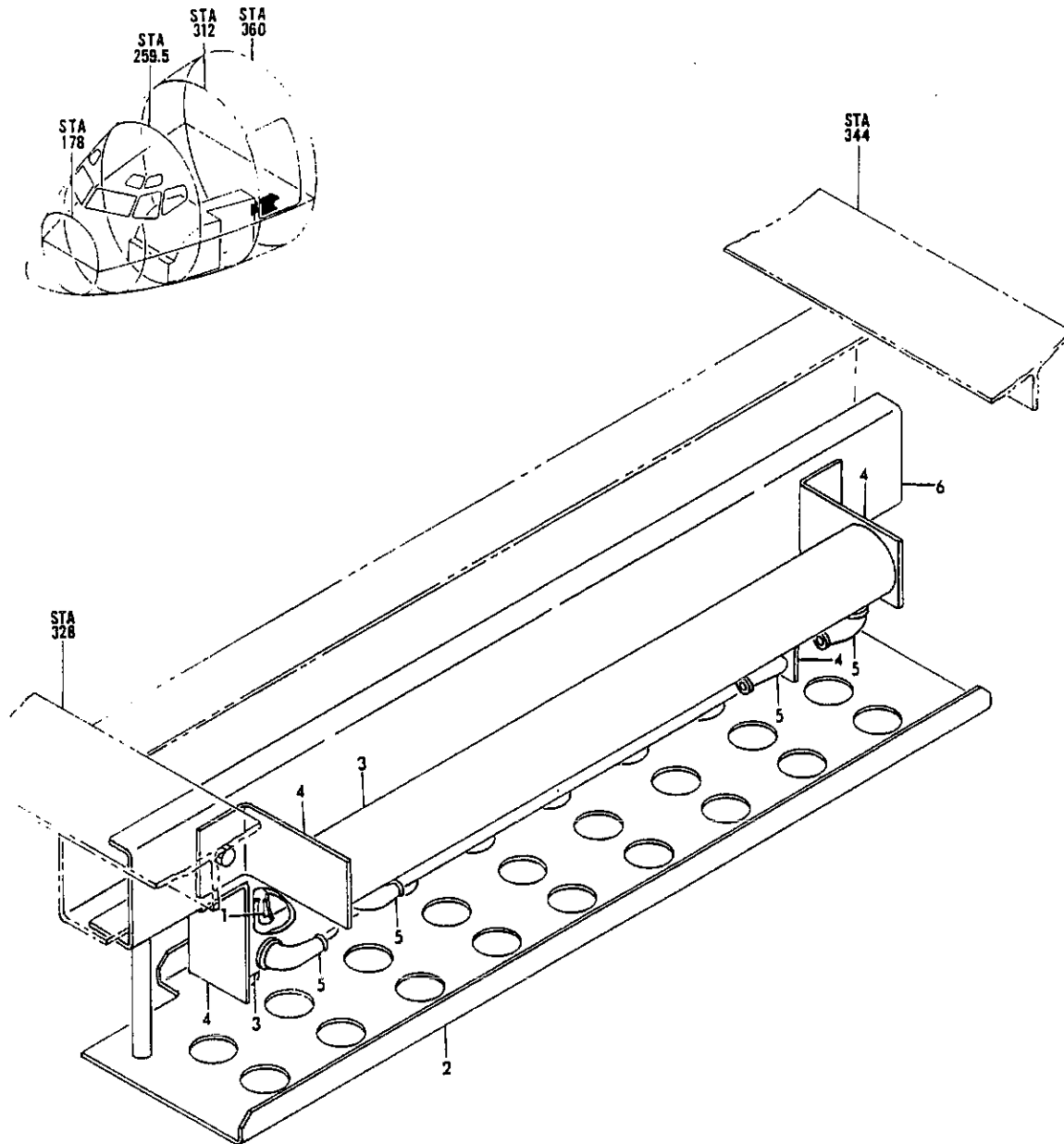


FIGURE 30A. RESISTOR INSTL, AUTOPILOT SYSTEM 115V PHASE A LOADING

MISSING ITEM NUMBERS ARE NOT APPLICABLE

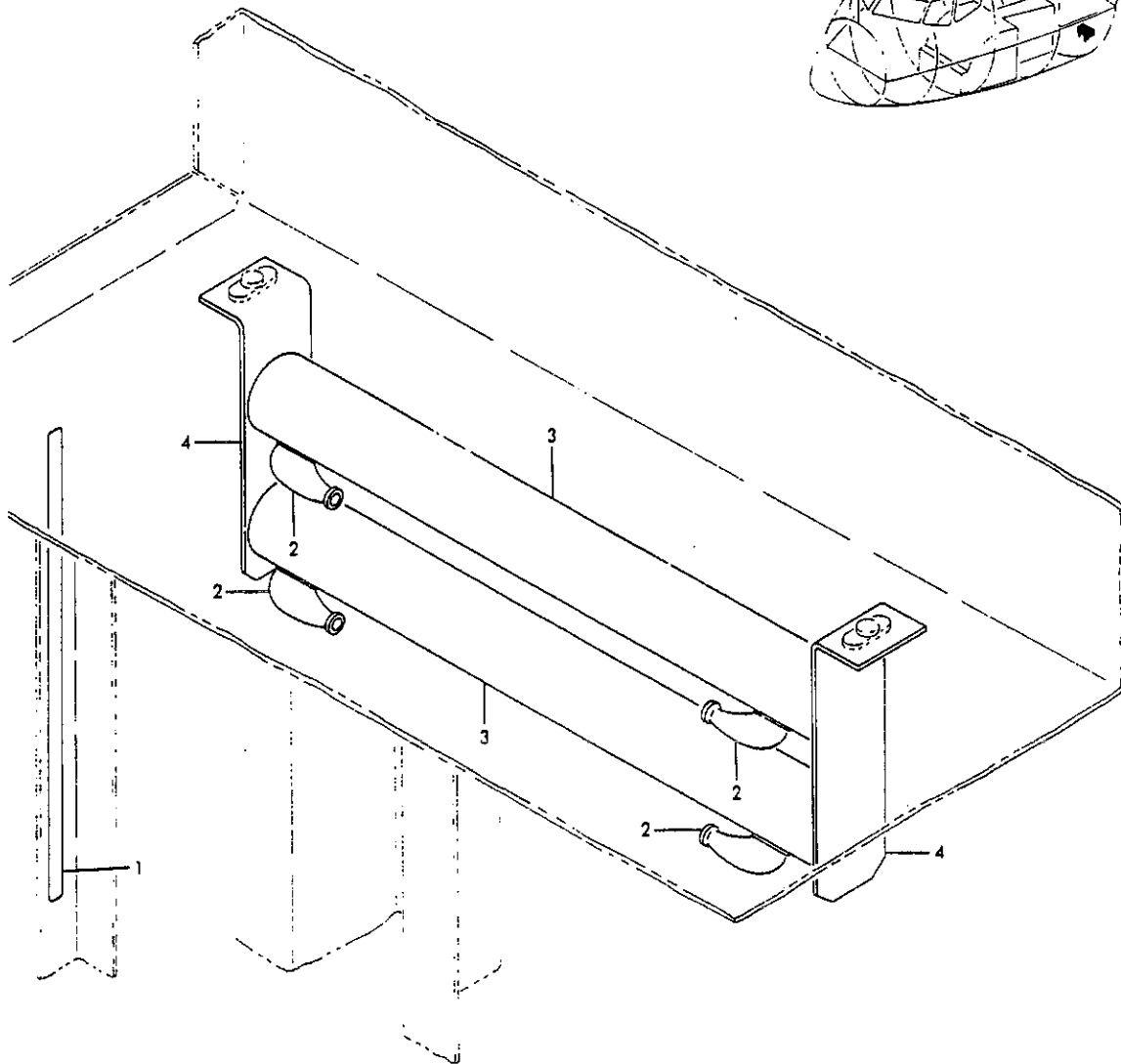
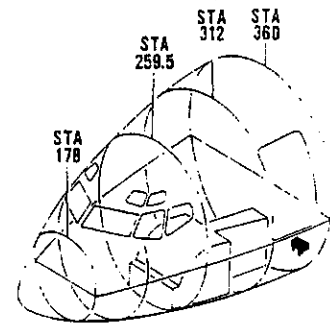


FIGURE 30B. RESISTOR INSTL. AUTOPILOT SYSTEM 115V PHASE A LOADING



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
30B	65-58448-12		RESISTOR INSTL, AUTOPILOT SYSTEM 115V PHASE A LOADING . (SEE 24-3, FIG. 5B, ITEM 111, 24-3, FIG. 5D, ITEM 113, 24-3, FIG. 5E, ITEM 77 AND 24-3, FIG. 5F, ITEM 73)	5199	RF
1	BAC27CEE379		. MARKER-ALUMINUM FOIL, RESISTOR RR942, RR948 PHASE A . AUTOPILOT LOAD	5199	1
2	MS25171-1S		. NIPPLE.	5199	4
3	0904		. RESISTOR, (V44655).	5199	2
4	6127P10 1-5		. BRACKET, RESISTOR MOUNTING (V44655) (OPTIONAL 65-58448-13)	5199	2
4	65-58448-13		. BRACKET, RESISTOR MOUNTING. (OPTIONAL TO 6127P10 1-5 (V44655))	5199	2
	AN4-3A		ATTACHING PARTS . BOLT.	5199	4
MISSING ITEM NUMBERS ARE NOT APPLICABLE					

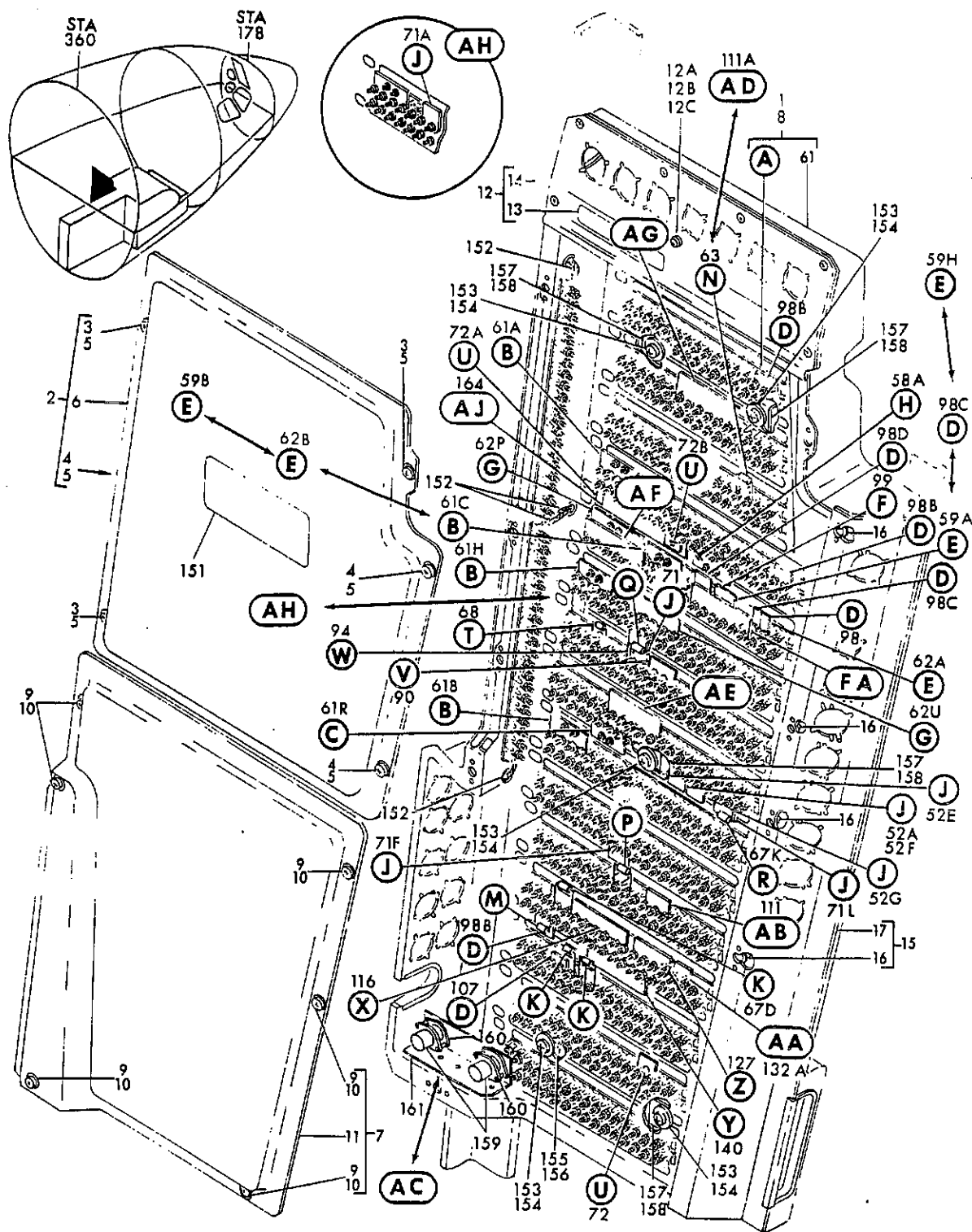


FIGURE 31. BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 1)

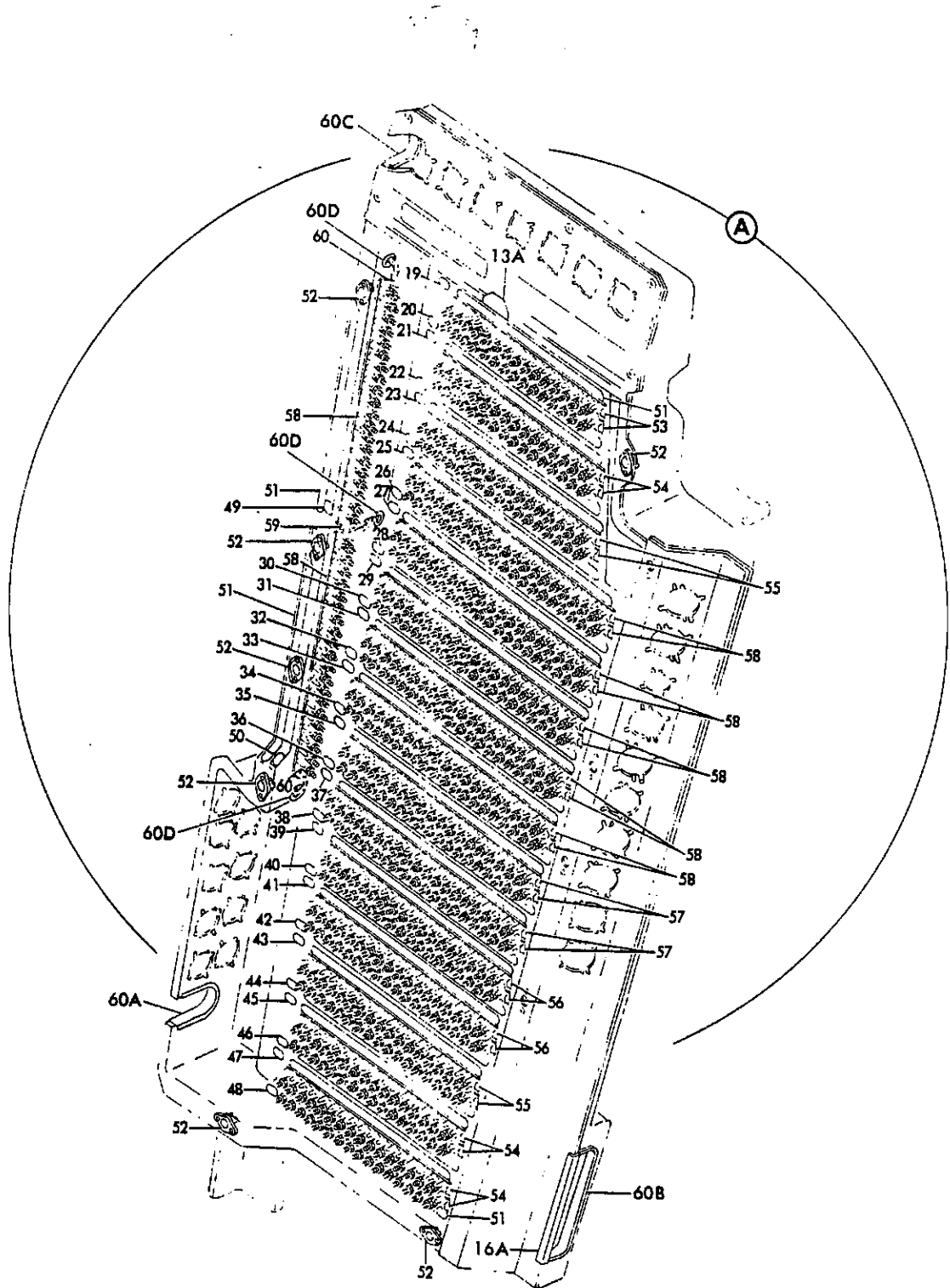


FIGURE 31. BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 2)

NOV 21/90

22-01-31

DETAILED PARTS LIST
22-01-31
PAGE 1

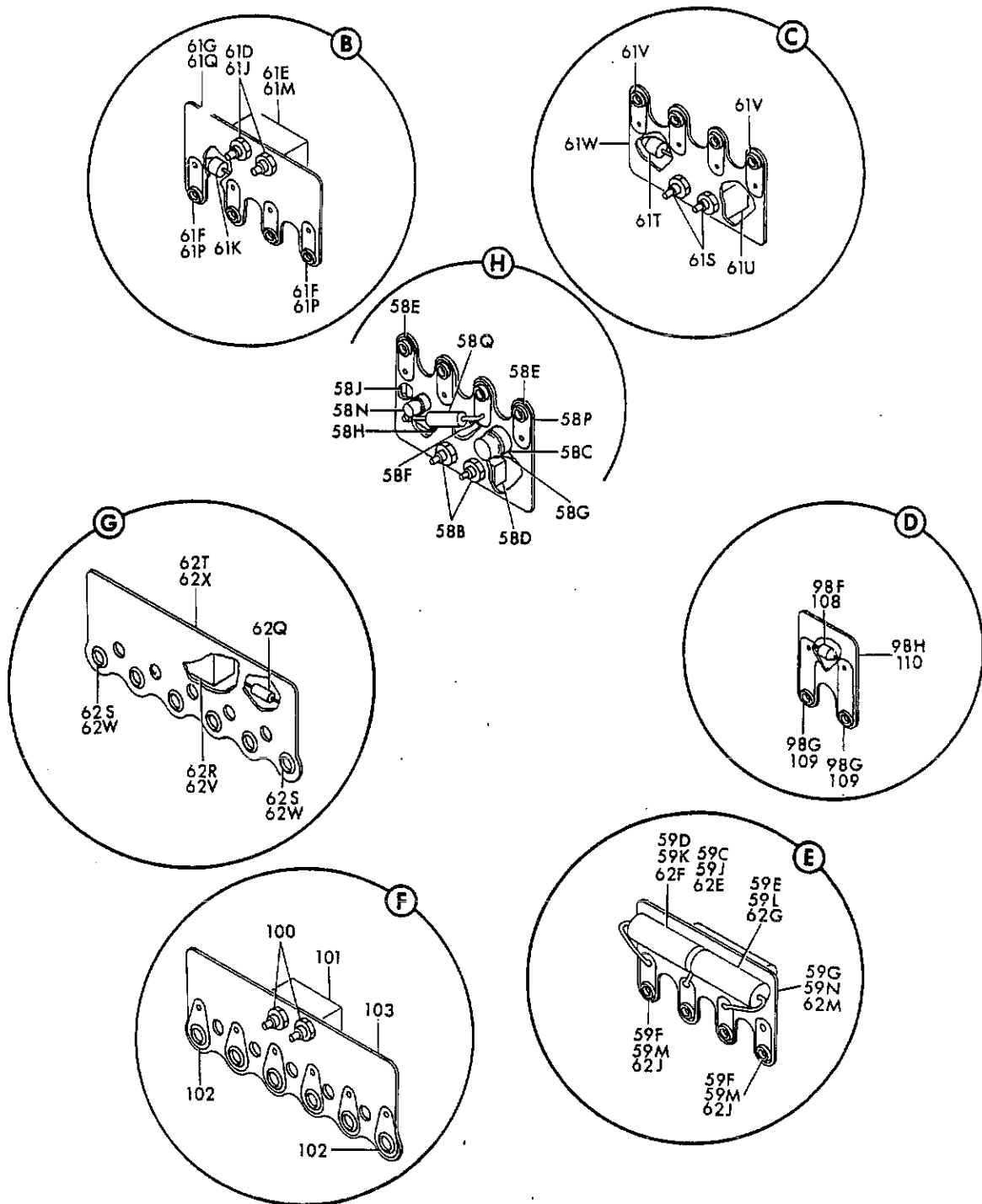


FIGURE 31. BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 3)

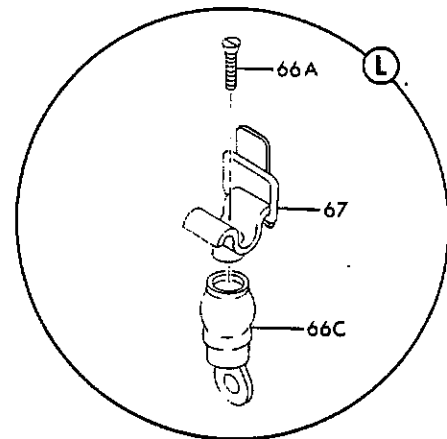
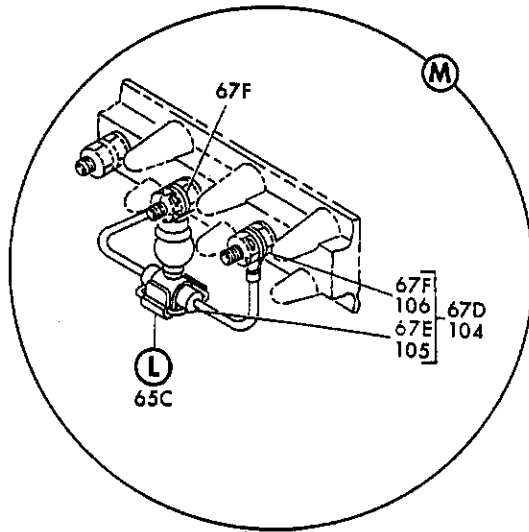
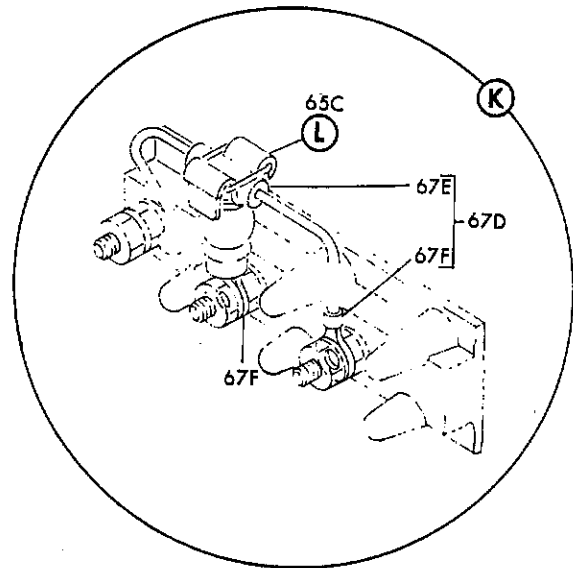
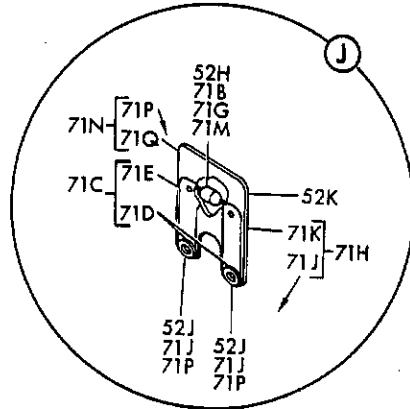


FIGURE 31. BOX INSTL. RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 4)

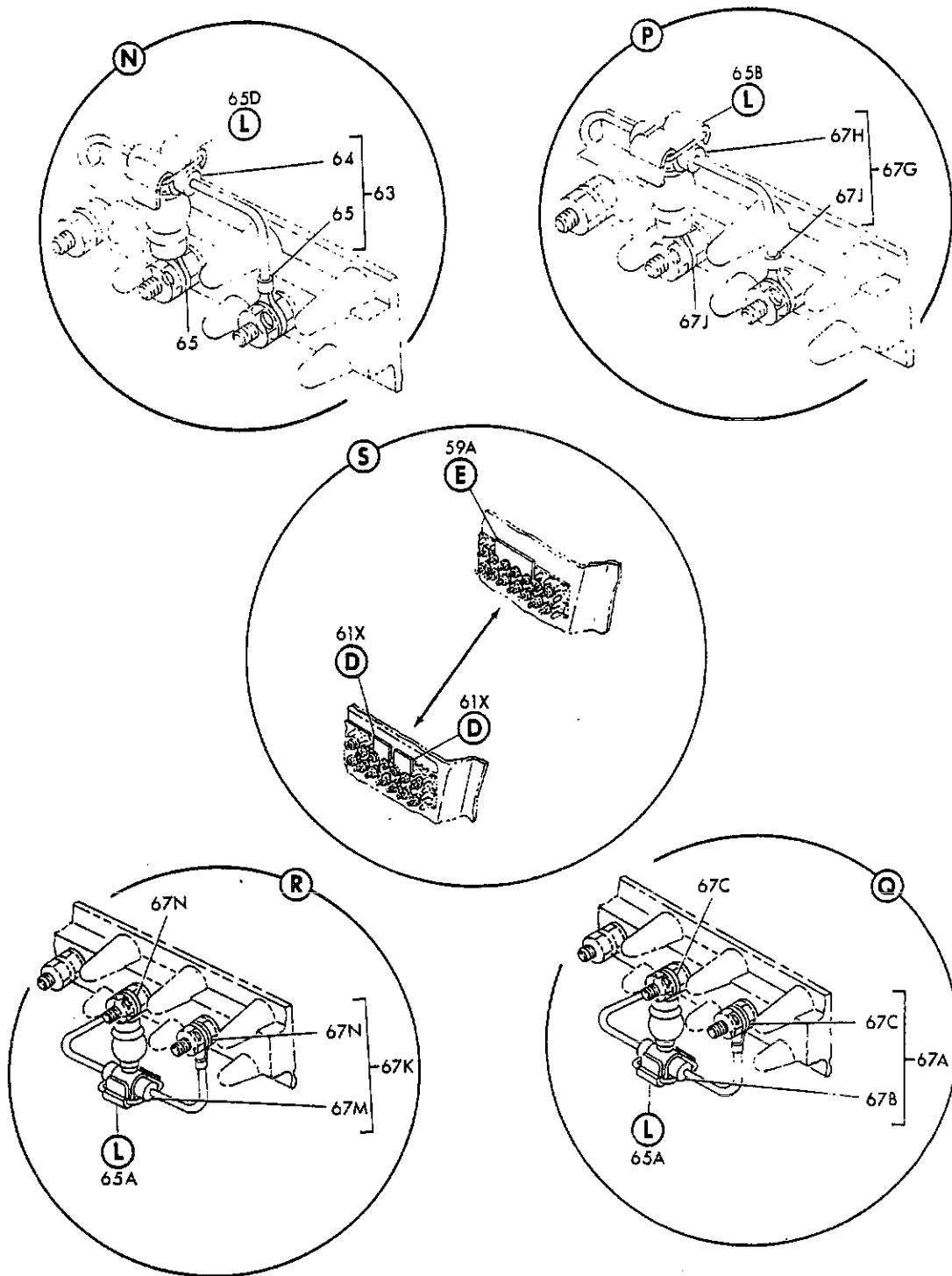


FIGURE 31. BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 5)

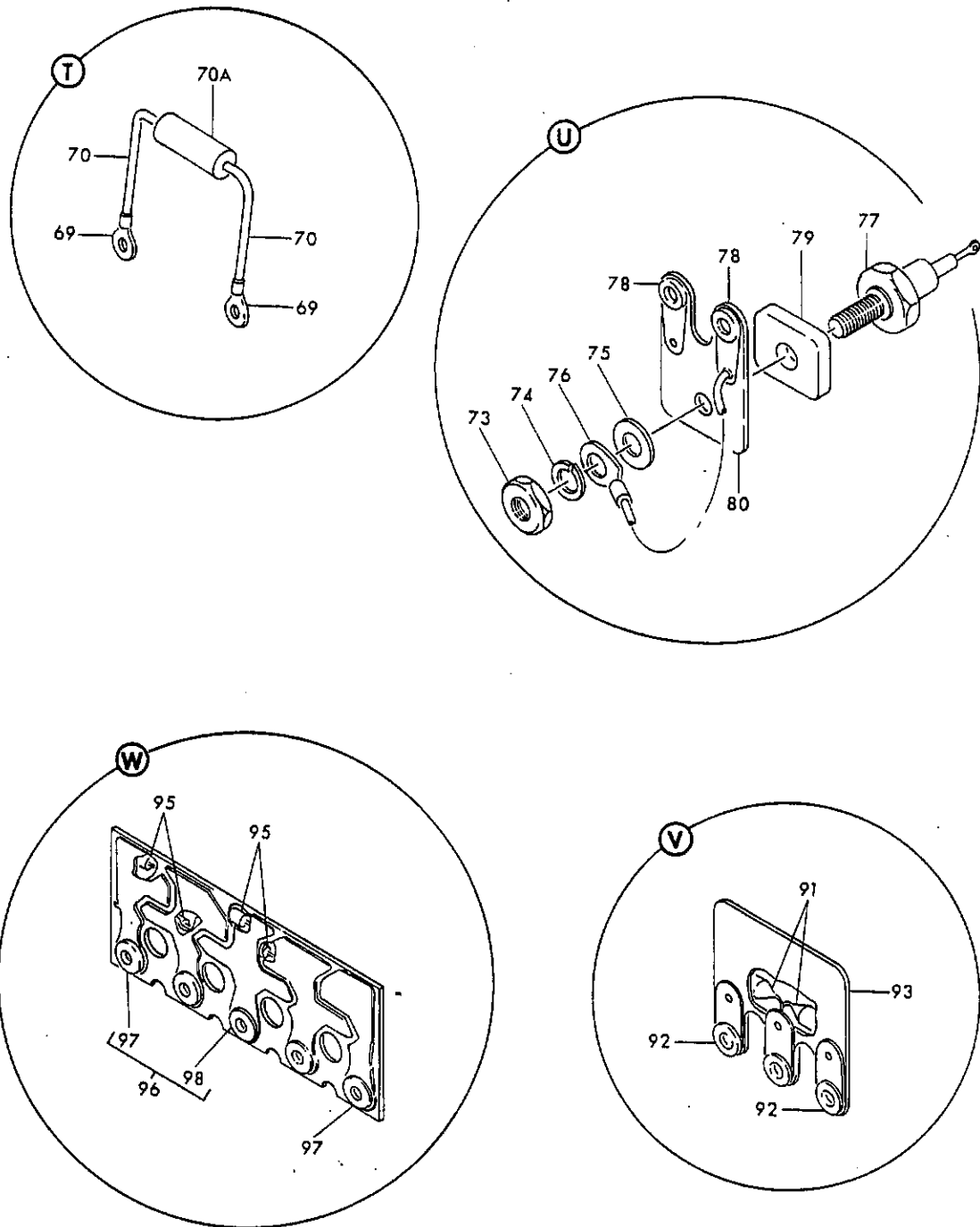


FIGURE 31. BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 6)

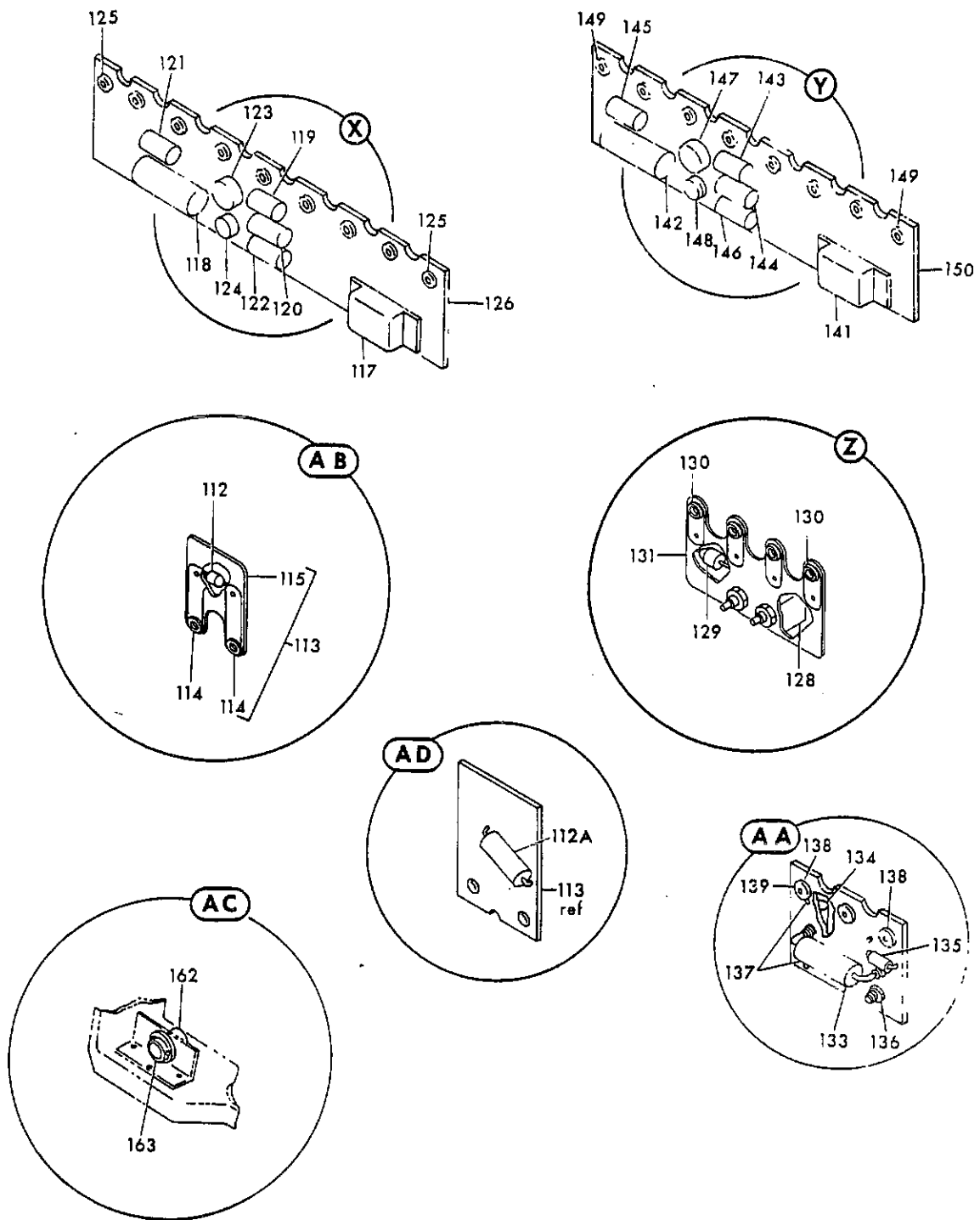


FIGURE 31. BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 7)

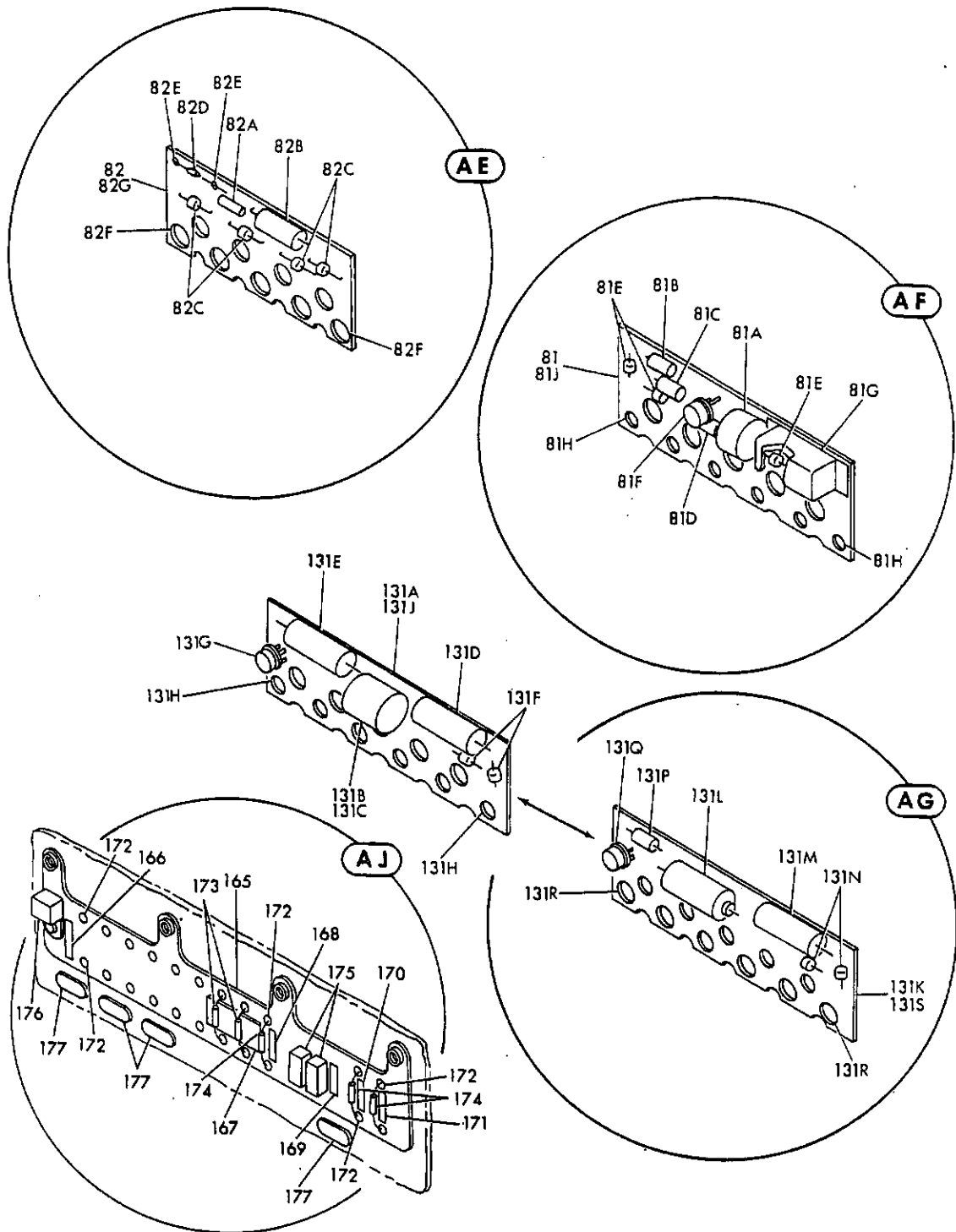


FIGURE 31. BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 8)

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PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF FROM TO	UNITS PER ASSY
31	65-59523-1	BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) . . (VARIABLE DWG: 65-59523-5004) (SEE 24-3, FIG. 5D, ITEM 116 AND 24-3, FIG. 5F, ITEM 21A)	5199	RF
1	65-59523-2	BOX ASSY.	5199	1
2	65-59523-6	COVER ASSY, UPPER	5199	1
3	BACS21Y4R	STUD ASSY	5199	3
4	BACS21Y6R	STUD ASSY	5199	2
5	BACW10X2	WASHER	5199	5
6	65-59523-11	COVER	5199	1
7	65-59523-7	COVER ASSY, LOWER	5199	1
9	BACS21Y6R	STUD ASSY	5199	6
10	BACW10X2	WASHER	5199	6
11	65-59523-12	COVER	5199	1
12	65-59523-4	PANEL ASSY, UPPER	5199	1
		ATTACHING PARTS		
	BACS12CB3-10	SCREW	5199	6
12A	MS24678-12	SCREW	5151	1
12B	AN960D10L	WASHER	5199	2
12C	NAS679A3W	NUT	5199	1
13	BACM10R50-5EV	MARKER-ALUMINUM FOIL, AUTOPILOT LINE ANALYZER . . RECEPTACLES	5199	1
13A	BAC27CEE148	MARKER-ALUMINUM FOIL, GROUND TEST SWITCH.	5151	1
13B	MS25224-1	GUARD, TOGGLE SWITCH.	5151	1
13C	MS35059-23	SWITCH, TOGGLE.	5151	1
14	65-59523-9	PANEL	5199	1
15	65-59523-17	PANEL ASSY, SIDE.	5199	1
		ATTACHING PARTS		
	BACS12CB3-10	SCREW	5199	9
16	BACR11Y2K	RECEPTACLE.	5199	4
		ATTACHING PARTS		
	MS20426A3	RIVET	5199	8
17	65-59523-18	PANEL	5199	1
18	65-59523-3	BOX ASSY.	5199	1
19	BACM10L00-10GF	MARKER-ALUMINUM FOIL, A	5199	1
20	BACM10L00-10GG	MARKER-ALUMINUM FOIL, B	5199	1
21	BACM10L00-10GH	MARKER-ALUMINUM FOIL, C	5199	1
22	BACM10L00-10GJ	MARKER-ALUMINUM FOIL, D	5199	1
23	BACM10L00-10GK	MARKER-ALUMINUM FOIL, E	5199	1
24	BACM10L00-10GL	MARKER-ALUMINUM FOIL, F	5199	1
25	BACM10L00-10GM	MARKER-ALUMINUM FOIL, G	5199	1
26	BACM10L00-10GN	MARKER-ALUMINUM FOIL, H	5199	1
27	BACM10L00-10GP	MARKER-ALUMINUM FOIL, J	5199	1
28	BACM10L00-10GR	MARKER-ALUMINUM FOIL, K	5199	1
29	BACM10L00-10GS	MARKER-ALUMINUM FOIL, L	5199	1
30	BACM10L00-10GT	MARKER-ALUMINUM FOIL, M	5199	1
31	BACM10L00-10GU	MARKER-ALUMINUM FOIL, N	5199	1
32	BACM10L00-10GV	MARKER-ALUMINUM FOIL, P	5199	1
33	BAC27CEE187	MARKER-ALUMINUM FOIL, Q	5199	1
34	BACM10L00-10GW	MARKER-ALUMINUM FOIL, R	5199	1
35	BACM10L00-10GX	MARKER-ALUMINUM FOIL, S	5199	1
36	BACM10L00-10GY	MARKER-ALUMINUM FOIL, T	5199	1
37	BACM10L00-10GZ	MARKER-ALUMINUM FOIL, U	5199	1
38	BACM10L00-10HA	MARKER-ALUMINUM FOIL, V	5199	1
39	BACM10L00-10HB	MARKER-ALUMINUM FOIL, W	5199	1
40	BACM10L00-10HC	MARKER-ALUMINUM FOIL, X	5199	1
41	BACM10L00-10HD	MARKER-ALUMINUM FOIL, Y	5199	1
42	BACM10L00-10HE	MARKER-ALUMINUM FOIL, Z	5199	1
43	BACM10L00-10HF	MARKER-ALUMINUM FOIL, AA	5199	1
44	BACM10L00-10HG	MARKER-ALUMINUM FOIL, AB	5199	1
45	BACM10L00-10HH	MARKER-ALUMINUM FOIL, AC	5199	1
46	BACM10L00-10HJ	MARKER-ALUMINUM FOIL, AD	5199	1
47	BACM10L00-10HK	MARKER-ALUMINUM FOIL, AE	5199	1
48	BACM10L00-10HL	MARKER-ALUMINUM FOIL, AF	5199	1
49	BACM10L00-10HM	MARKER-ALUMINUM FOIL, AG	5199	1
50	BACM10L00-10HN	MARKER-ALUMINUM FOIL, AH	5199	1
51	BACM10N110-2CRB	MARKER-ALUMINUM FOIL, 1 THRU 20	5199	32
52	BACR11Y2	RECEPTACLE.	5199	7
		ATTACHING PARTS		
	MS20426A3N	RIVET	5199	14
52E	65-38292-13	PLATE ASSY, RELAY	5199	1

MISSING ITEM NUMBERS ARE NOT APPLICABLE



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
31 52H	1N648	...	DIODE, (V81349)	5199	1
52J	CE123	...	EYELET, (V04264)	5199	2
52K	65-38292-70	...	CIRCUIT BOARD, BLANK (ALTERED FROM 65-38292-33)	5199	1
53	MS27212-1-15	...	TERMINAL BOARD ASSY	5199	2
54	MS27212-1-16	...	TERMINAL BOARD ASSY	5199	6
55	MS27212-1-17	...	TERMINAL BOARD ASSY	5199	4
56	MS27212-1-18	...	TERMINAL BOARD ASSY	5199	4
57	MS27212-1-19	...	TERMINAL BOARD ASSY	5199	4
58	MS27212-1-20	...	TERMINAL BOARD ASSY	5199	12
			ATTACHING PARTS		
	NAS600-6P	...	SCREW	5199	64
	NAS679A04W	...	NUT	5199	64
			-----*		
58A	65-38292-58	...	PLATE ASSY, DIODE AND RELAY CIRCUIT	5199	1
58B	NAS679A04W	...	NUT	5199	2
58C	C6A	...	RECTIFIER, (V13688)	5199	1
58D	BR16-900B9-26VRO	...	RELAY, (V82050)	5199	1
58E	CE123	...	EYELET, (V04264)	5199	4
58F	RC07GF300J	...	RESISTOR	5199	1
			(OPTIONAL TO RCR07G300JM)		
58F	RCR07G300JM	...	RESISTOR	5199	1
			(OPTIONAL RCR07GF300J)		
58G	RC20GF512J	...	RESISTOR	5199	1
			(OPTIONAL TO RCR20G512JM)		
58G	RCR20G512JM	...	RESISTOR	5199	1
			(OPTIONAL RC20GF512J)		
58H	RC07GF224J	...	RESISTOR	5199	1
			(OPTIONAL TO RCR07G224JM)		
58H	RCR07G224JM	...	RESISTOR	5199	1
			(OPTIONAL RCR07GF224J)		
58J	RC07GF131J	...	RESISTOR	5199	1
			(OPTIONAL TO RCR07G131JM)		
58J	RCR07G131JM	...	RESISTOR	5199	1
			(OPTIONAL RCR07GF131J)		
58N	2N2646	...	TRANSISTOR, UNIJUNCTION (V81349)	5199	1
58P	65-38292-56	...	CIRCUIT BOARD, BLANK	5199	1
58Q	150D225X0075B2	...	CAPACITOR, (V56289)	5199	1
59	BACB29C2C	...	BUS	5199	1
59H	65-38292-72	...	PLATE ASSY, RESISTOR CIRCUIT	5199	1
59J	118P33492S2	...	CAPACITOR, (V56289)	5199	1
59K	RN70D1431F	...	RESISTOR	5199	1
59L	RN70D8451F	...	RESISTOR	5199	1
59M	CE123	...	EYELET, (V04264)	5199	4
59N	65-38292-51	...	CIRCUIT BOARD, BLANK	5199	1
60	MS25226-2-20	...	LINK, TERMINAL CONNECTING	5199	2
60A	BACG20ZB520	...	GROMMET	5199	1
60B	BACG20ZB450	...	GROMMET	5199	1
60C	BACG20ZB320	...	GROMMET	5199	1
60D	BACG20C15	...	GROMMET	5199	3
61	65-59523-8	...	BOX	5199	1
61A	65-38292-48	...	PLATE ASSY, RELAY	5199	1
61B	65-38292-48	...	PLATE ASSY, RELAY	5199	1
61D	NAS679A04W	...	NUT	5199	2
61E	BR16-900B9-26VRO	...	RELAY, (V82050)	5199	1
61F	CE123	...	EYELET, (V04264)	5199	4
61G	65-38292-51	...	CIRCUIT BOARD, BLANK	5199	1
62A	65-38292-73	...	PLATE ASSY, RESISTOR CIRCUIT	5199	1
62E	118P33492S2	...	CAPACITOR, (V56289)	5199	1
62F	RN70D2211F	...	RESISTOR	5199	1
62G	RN70D7871F	...	RESISTOR	5199	1
62J	CE123	...	EYELET, (V04264)	5199	4
62M	65-38292-51	...	CIRCUIT BOARD, BLANK	5199	1
65A	66-13940-1	...	CLIP, ASSY MOUNTING	5199	2
66A	BACS12BF02C8	...	SCREW	5199	1
			(OPTIONAL AN505-2R8)		
66A	AN505-2R8	...	SCREW	5199	1
			(OPTIONAL TO BACS12BF02C8)		
66C	BACT12B10B	...	TERMINAL	5199	1
67	CO PLUS NO	...	CLIP AND CAPTIVE, (V06229)	5199	1
67A	69-2695-3	...	RESISTOR ASSY	5199	1
67B	RC30GF102K	...	RESISTOR	5199	1
			(OPTIONAL RC32GF102K)		
67B	RC32GF102K	...	RESISTOR	5199	1
			(OPTIONAL TO RC30GF102K)		

MISSING ITEM NUMBERS ARE NOT APPLICABLE

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FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
31	67C	36151		TERMINAL, (V00779).					5199	2
	67K	69-2695-39		RESISTOR ASSY					5199	1
	67M	RCR32G101JM		RESISTOR.					5199	1
				(OPTIONAL RCR32G101JM)						
	67M	RC32G101JM		RESISTOR.					5199	1
				(OPTIONAL TO RCR32G101JM)						
	67N	36151		TERMINAL, (V00779).					5199	2
	72	65-38292-44		PLATE ASSY, DIODE CIRCUIT					5199	1
	72A	65-38292-44		PLATE ASSY, DIODE CIRCUIT.					5199	1
	111	65-38292-153		PLATE ASSY, RESISTOR CIRCUIT.					5199	1
	112	RN63D1782F		RESISTOR.					5199	1
	113	65-38292-106		BOARD ASSY, ETCHED.					5199	1
	114	CE123		EYELET, (V04264).					5199	2
	115	65-38292-116		BOARD, ETCHED					5199	1
	151	BAC27CEE181		MARKER-ALUMINUM FOIL, AUTO PILOT.					5199	1
	152	BACJ40A11-6		JUMPER ASSY					5199	4
				ATTACHING PARTS						
		BACS12CB3-14		SCREW					5199	4
		AN960D10		WASHER.					5199	8
		MS35338-43		WASHER.					5199	4
				-----*						
	153	BACW10P129D		WASHER.					5199	5
	154	NAS604-10		SCREW					5199	5
	155	65-59523-14		BRACKET ASSY.					5199	1
	156	65-59523-13		BRACKET					5199	1
	157	65-59523-16		BRACKET ASSY.					5199	4
	158	65-59523-15		BRACKET					5199	1
				FOR REFERENCE TO OTHER BOX DETAILS, SEE NHA					5199	
MISSING ITEM NUMBERS ARE NOT APPLICABLE										

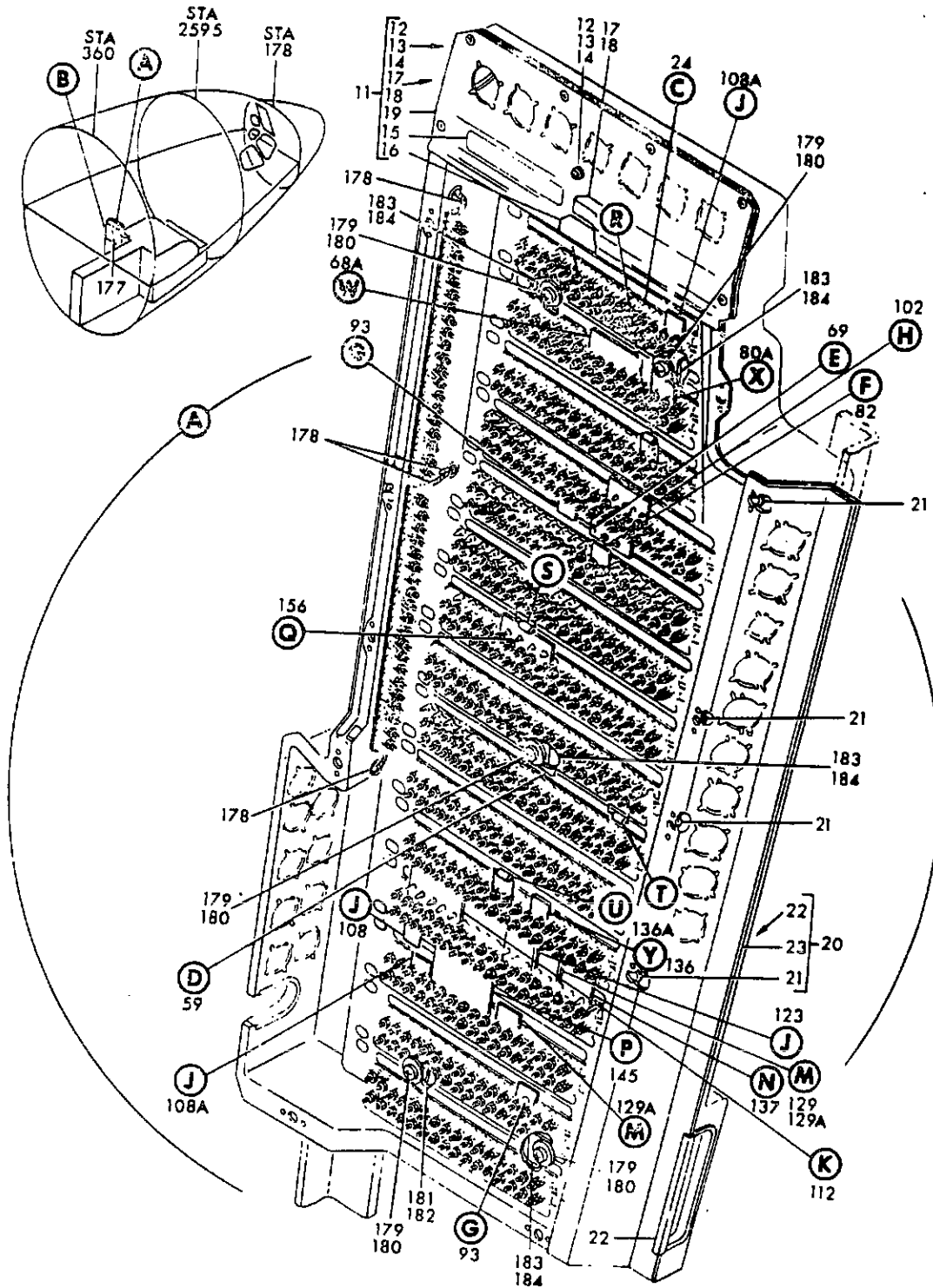


FIGURE 31A. BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 1)

DETAILED PARTS LIST
22-01-31A
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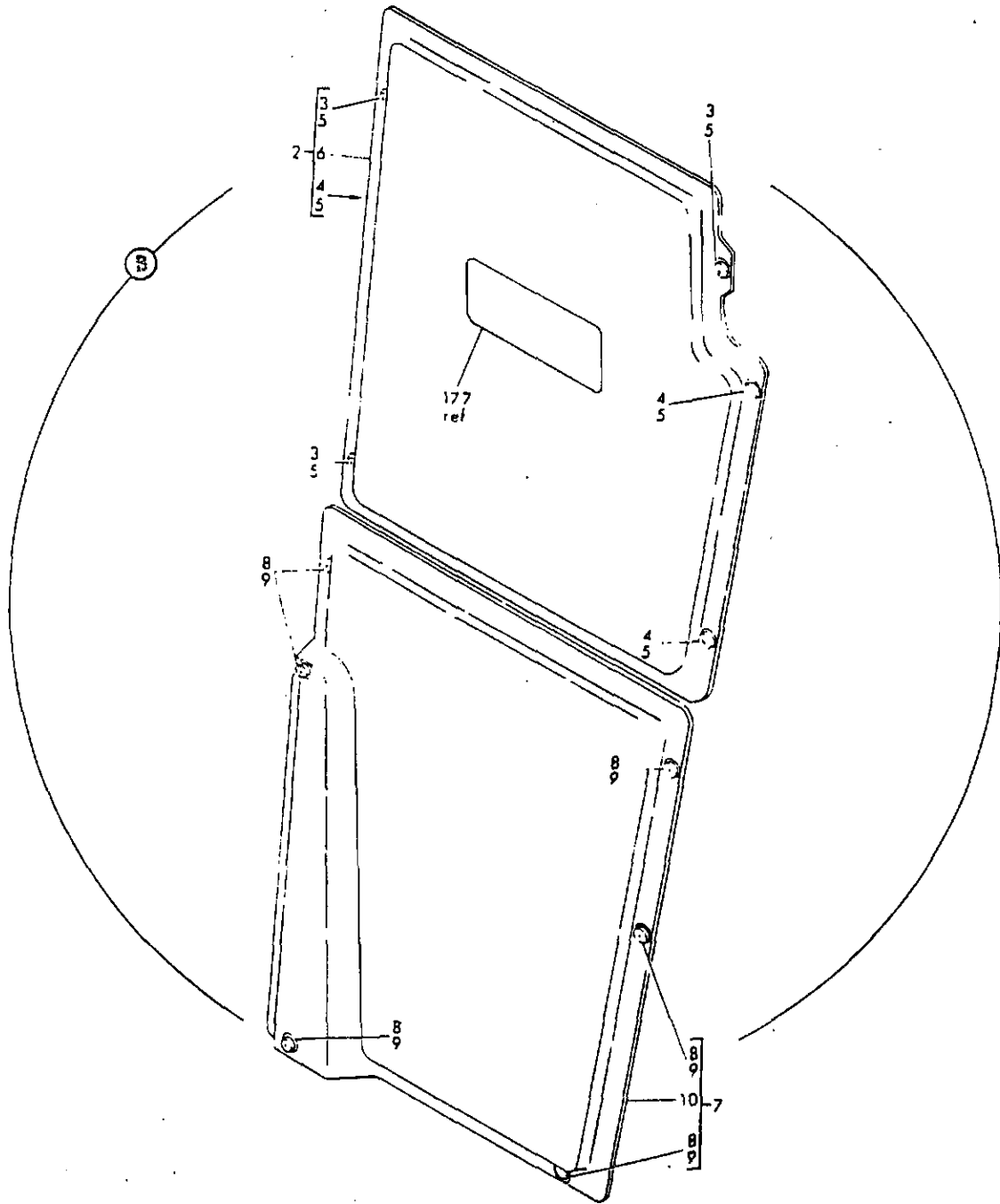


FIGURE 31A. BOX INSTL. RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 2)

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DETAILED PARTS LIST
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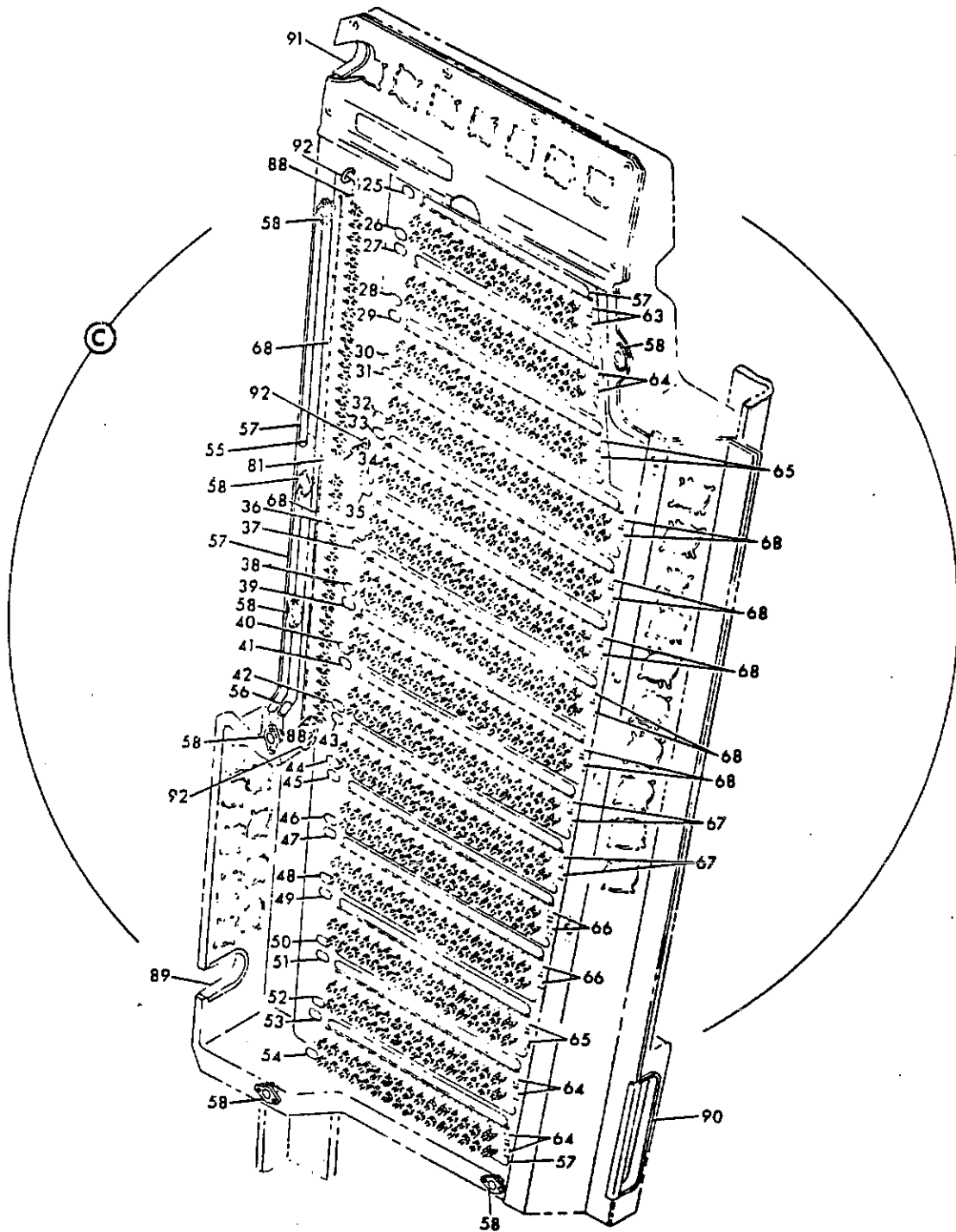


FIGURE 31A. BOX INSTL. RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 3)

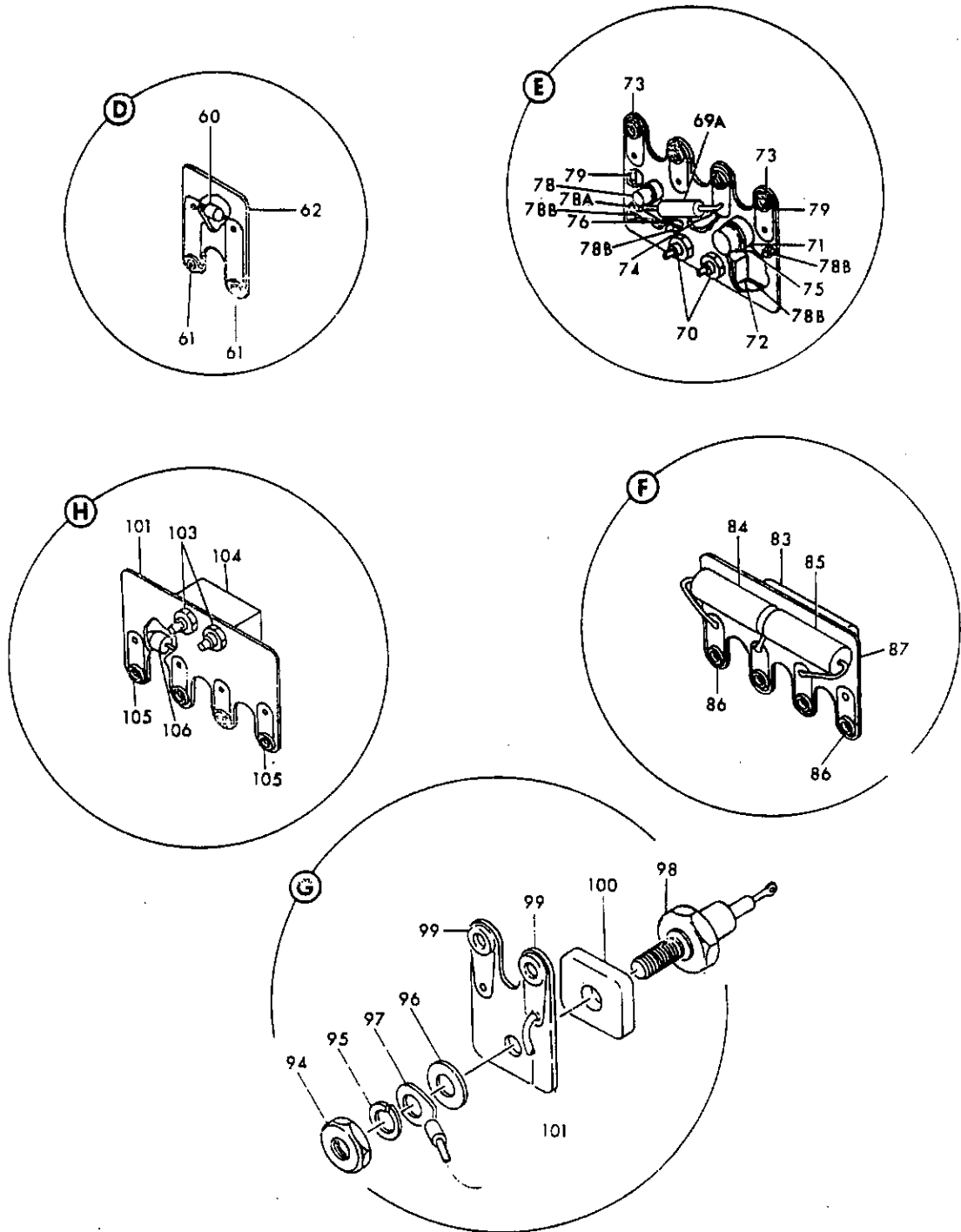


FIGURE 31A. BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 4)

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DETAILED PARTS LIST
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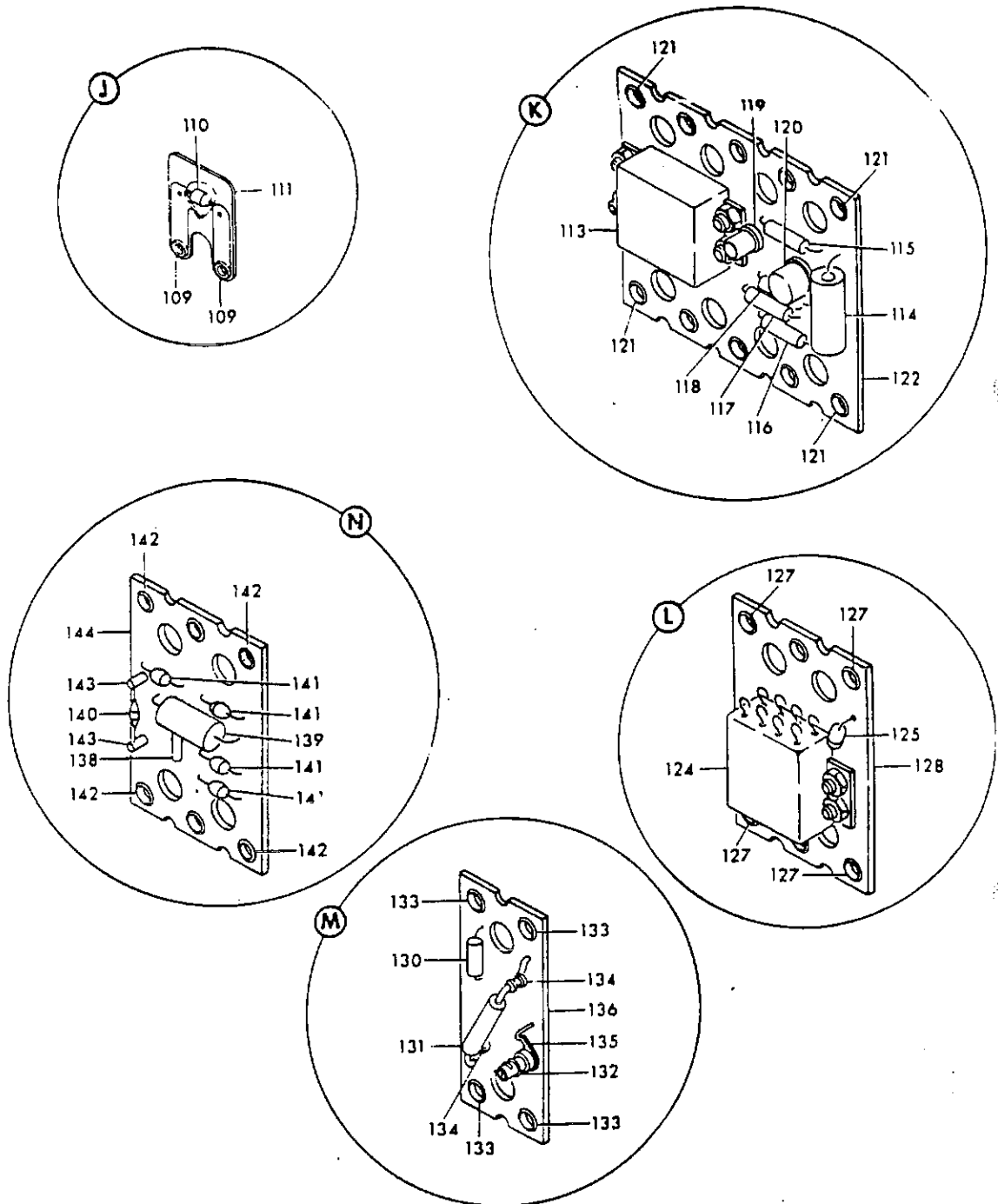


FIGURE 31A. BOX INSTL. RJ23AUTPPILO: JUNCTION (AUTOPLOT ONLY) (SHEET 51)

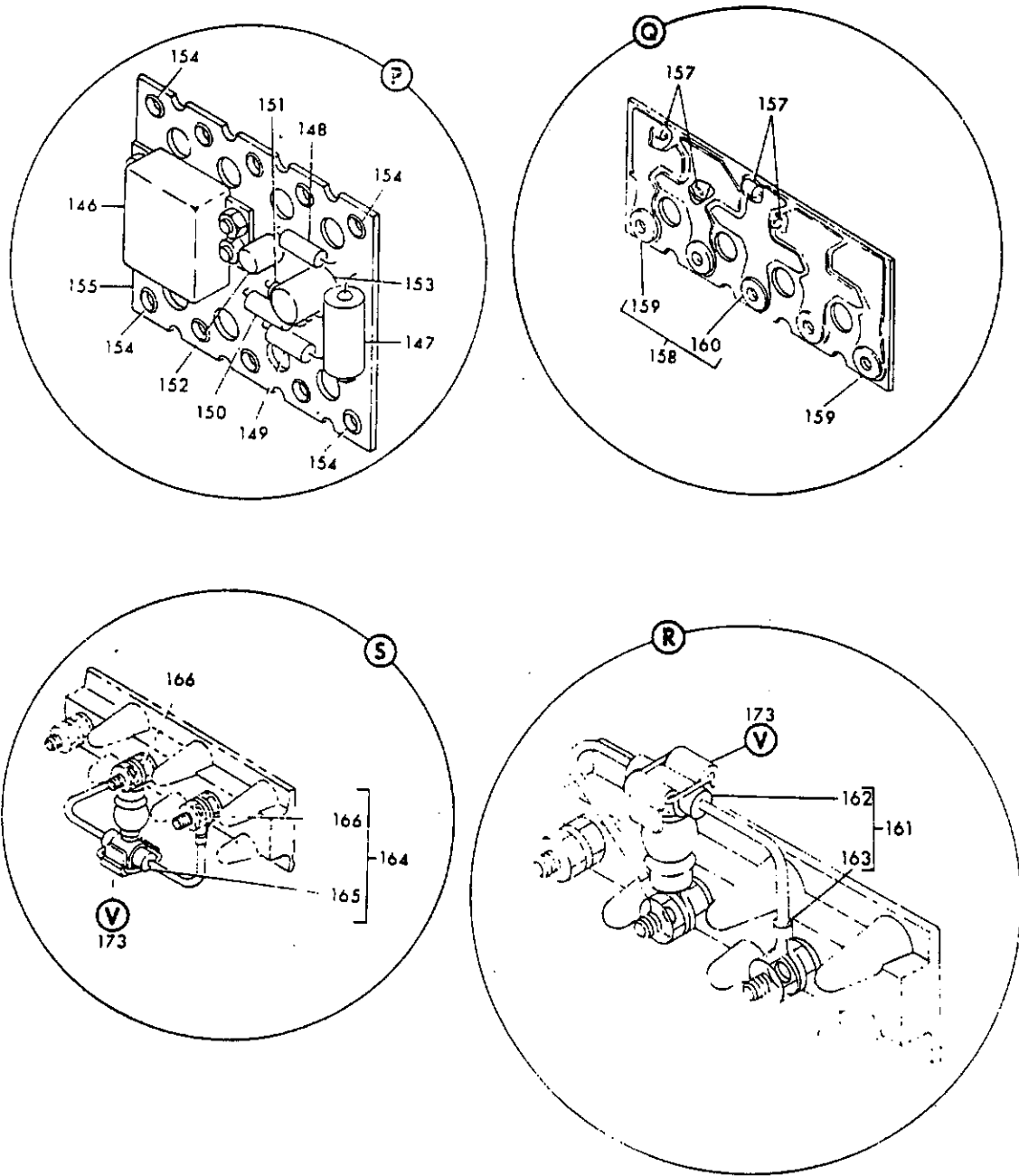


FIGURE 31A. BOX INSTL. RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 6)

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DETAILED PARTS LIST
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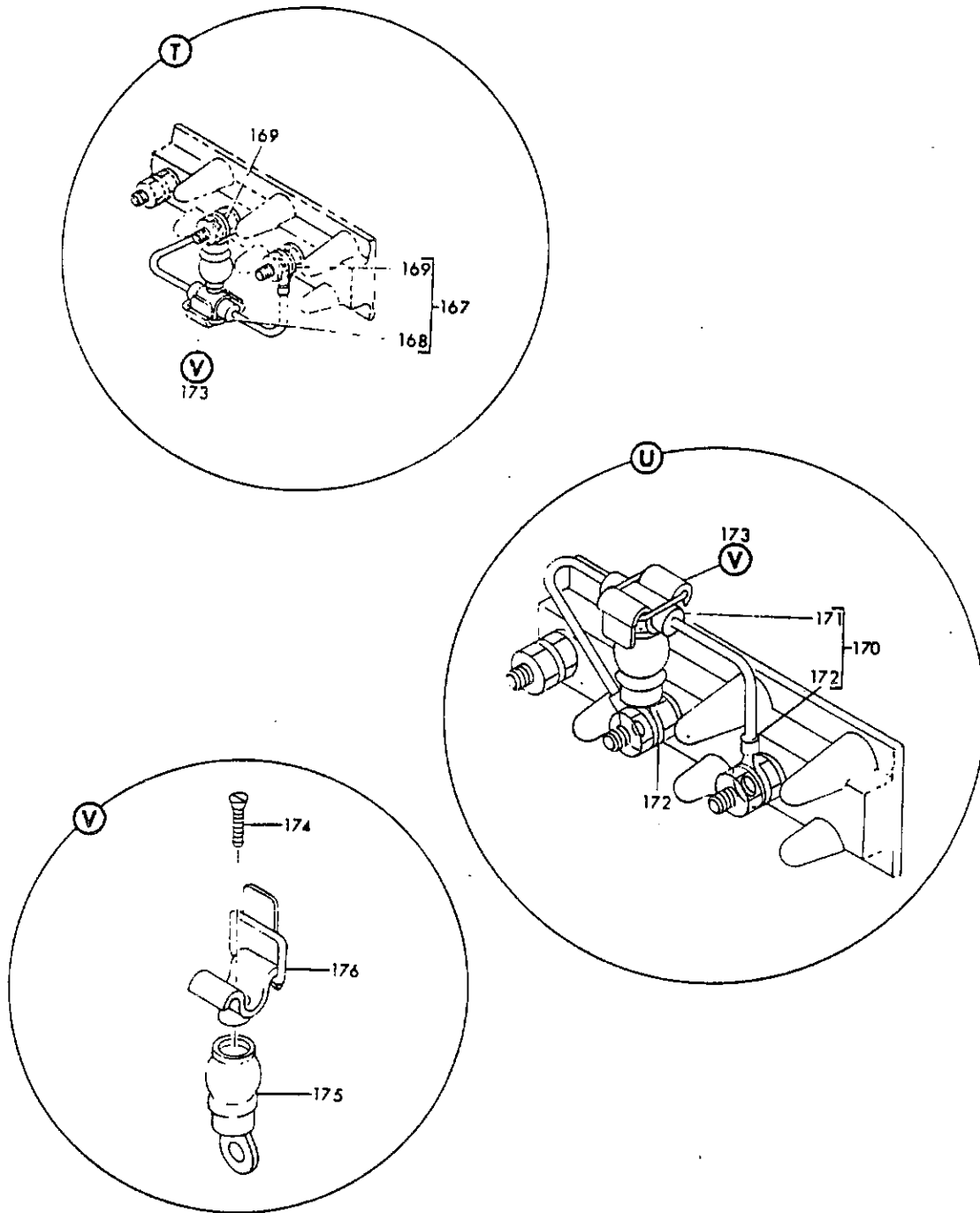


FIGURE 31A. BOX INST'L, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 7)

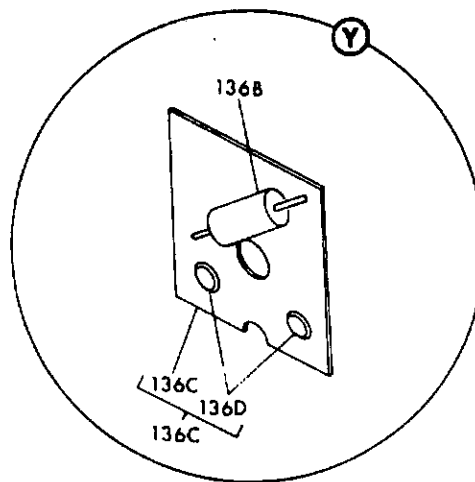
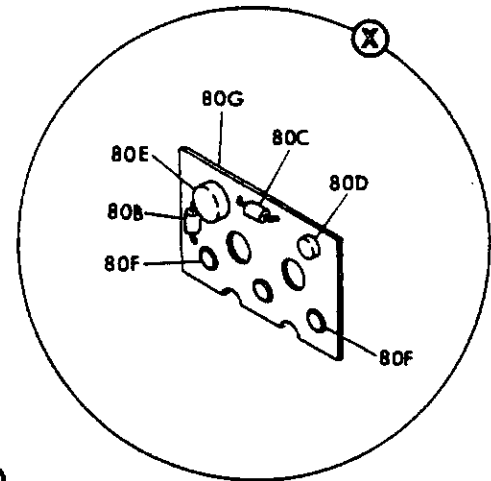
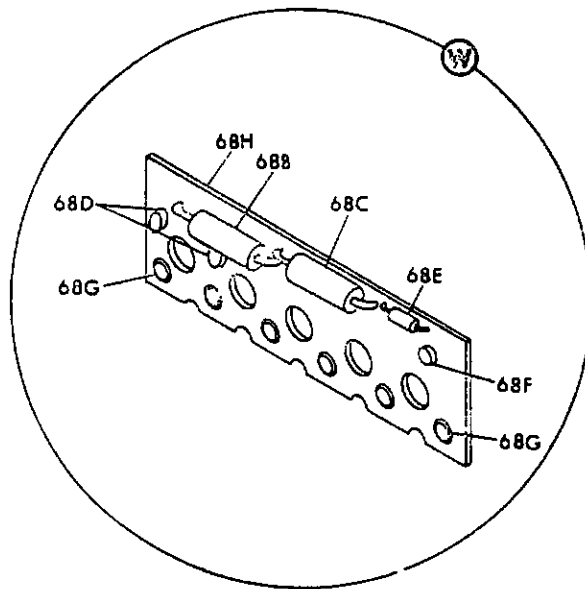


FIGURE 31A. BOX INSTL, RJ23 AUTOPILOT JUNCTION (AUTOPILOT ONLY) (SHEET 8)

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DETAILED PARTS LIST
 22-01-31A
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FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
31A	65-59523-1	BOX INSTL, RJ23 AUTOPILOT JUNCTION (VARIABLE. DWG: 65-59523-5004) (AUTOPILOT ONLY) (SEE 24-3, FIG. 5D, ITEM 116)	5199	RF
1	65-59523-2	BOX ASSY.	5199	1
2	65-59523-6	COVER ASSY, UPPER	5199	1
3	BACS21Y4R	STUD ASSY	5199	3
4	BACS21Y6R	STUD ASSY	5199	2
5	BACW10X2	WASHER.	5199	5
6	65-59523-11	COVER	5199	1
7	65-59523-7	COVER ASSY, LOWER	5199	1
8	BACS21Y6R	STUD ASSY	5199	6
9	BACW10X2	WASHER.	5199	6
10	65-59523-12	COVER	5199	1
11	65-59523-4	PANEL ASSY, UPPER	5199	1
	BACS12CB3-10	ATTACHING PARTS SCREW	5199	6
12	MS24678-12	SCREW	5151	1
13	AN960D10L	WASHER.	5199	2
14	NAS679A3W	NUT	5199	1
15	BACM10R50-5EV	MARKER-ALUMINUM FOIL, AUTOPILOT LINE ANALYZER RECEPTACLES	5199	1
16	BAC27CEE14B	MARKER-ALUMINUM FOIL, GROUND TEST SWITCH.	5151	1
17	MS25224-1	GUARD, TOGGLE SWITCH.	5151	1
18	MS35059-23	SWITCH, TOGGLE.	5151	1
19	65-59523-9	PANEL	5199	1
	BACS12CB3-10	ATTACHING PARTS SCREW	5199	9
20	65-59523-17	PANEL ASSY, SIDE.	5199	1
21	BACR11Y2K	RECEPTACLE.	5199	4
	MS20426A3	ATTACHING PARTS RIVET	5199	8
22	BACG20ZB250	GROMMET	5199	1
23	65-59523-18	PANEL	5199	1
24	65-59523-3	BOX ASSY.	5199	1
25	BACM10LOOGF	MARKER-ALUMINUM FOIL, A	5199	1
26	BACM10LOOGG	MARKER-ALUMINUM FOIL, B	5199	1
27	BACM10LOOGH	MARKER-ALUMINUM FOIL, C	5199	1
28	BACM10LOOGJ	MARKER-ALUMINUM FOIL, D	5199	1
29	BACM10LOOGK	MARKER-ALUMINUM FOIL, E	5199	1
30	BACM10LOOGL	MARKER-ALUMINUM FOIL, F	5199	1
31	BACM10LOOGM	MARKER-ALUMINUM FOIL, G	5199	1
32	BACM10LOOGN	MARKER-ALUMINUM FOIL, H	5199	1
33	BACM10LOOGP	MARKER-ALUMINUM FOIL, J	5199	1
34	BACM10LOOGR	MARKER-ALUMINUM FOIL, K	5199	1
35	BACM10LOOGS	MARKER-ALUMINUM FOIL, L	5199	1
36	BACM10LOOGT	MARKER-ALUMINUM FOIL, M	5199	1
37	BACM10LOOGU	MARKER-ALUMINUM FOIL, N	5199	1
38	BACM10LOOGV	MARKER-ALUMINUM FOIL, P	5199	1
39	BAC27CEE187	MARKER-ALUMINUM FOIL, Q	5199	1
40	BACM10LOOGW	MARKER-ALUMINUM FOIL, R	5199	1
41	BACM10LOOGX	MARKER-ALUMINUM FOIL, S	5199	1
42	BACM10LOOGY	MARKER-ALUMINUM FOIL, T	5199	1
43	BACM10LOOGZ	MARKER-ALUMINUM FOIL, U	5199	1
44	BACM10LOOHA	MARKER-ALUMINUM FOIL, V	5199	1
45	BACM10LOOHB	MARKER-ALUMINUM FOIL, M	5199	1
46	BACM10LOOHC	MARKER-ALUMINUM FOIL, X	5199	1
47	BACM10LOOHD	MARKER-ALUMINUM FOIL, Y	5199	1
48	BACM10LOOHE	MARKER-ALUMINUM FOIL, Z	5199	1
49	BACM10LOOHF	MARKER-ALUMINUM FOIL, AA	5199	1
50	BACM10LOOHG	MARKER-ALUMINUM FOIL, AB	5199	1
51	BACM10LOOHH	MARKER-ALUMINUM FOIL, AC	5199	1
52	BACM10LOOHJ	MARKER-ALUMINUM FOIL, AD	5199	1
53	BACM10LOOHK	MARKER-ALUMINUM FOIL, AE	5199	1
54	BACM10LOOHL	MARKER-ALUMINUM FOIL, AF	5199	1
55	BACM10LOOHM	MARKER-ALUMINUM FOIL, AG	5199	1
56	BACM10LOOHN	MARKER-ALUMINUM FOIL, AH	5199	1
57	BACM10N110-2CRB	MARKER-ALUMINUM FOIL, I THRU 20	5199	32
58	BACR11Y2	RECEPTACLE.	5199	7
	MS20426A3N	ATTACHING PARTS RIVET	5199	14

MISSING ITEM NUMBERS ARE NOT APPLICABLE



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FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE										EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7					
31A 59	65-38292-13	.	.	.	.	.	.	.	.	.	.	5199	1
60	IN648	.	.	.	.	.	.	.	.	.	.	5199	1
61	CE123	.	.	.	.	.	.	.	.	.	.	5199	2
62	65-38292-70	.	.	.	.	.	.	.	.	.	.	5199	1
63	MS27212-1-15	.	.	.	.	.	.	.	.	.	.	5199	2
64	MS27212-1-16	.	.	.	.	.	.	.	.	.	.	5199	6
65	MS27212-1-17	.	.	.	.	.	.	.	.	.	.	5199	4
66	MS27212-1-18	.	.	.	.	.	.	.	.	.	.	5199	4
67	MS27212-1-19	.	.	.	.	.	.	.	.	.	.	5199	4
68	MS27212-1-20	.	.	.	.	.	.	.	.	.	.	5199	12
	NAS600-6P	.	.	.	.	.	.	.	.	.	.	5199	64
	NAS679A04W	.	.	.	.	.	.	.	.	.	.	5199	64
		.	.	.	.	.	.	.	.	.	.		
69	65-38292-58	.	.	.	.	.	.	.	.	.	.	5199	1
69A	150D225X0075B2	.	.	.	.	.	.	.	.	.	.	5199	1
70	NAS679A04W	.	.	.	.	.	.	.	.	.	.	5199	2
71	C6A	.	.	.	.	.	.	.	.	.	.	5199	1
		.	.	.	.	.	.	.	.	.	.		
71	C6B	.	.	.	.	.	.	.	.	.	.	5199	1
		.	.	.	.	.	.	.	.	.	.		
72	BR16-900B9-26VRO	.	.	.	.	.	.	.	.	.	.	5199	1
73	CE123	.	.	.	.	.	.	.	.	.	.	5199	4
74	RC07GF300J	.	.	.	.	.	.	.	.	.	.	5199	1
		.	.	.	.	.	.	.	.	.	.		
74	RCR07G300JM	.	.	.	.	.	.	.	.	.	.	5199	1
		.	.	.	.	.	.	.	.	.	.		
75	RC20GF512J	.	.	.	.	.	.	.	.	.	.	5199	1
		.	.	.	.	.	.	.	.	.	.		
75	RCR20G512JM	.	.	.	.	.	.	.	.	.	.	5199	1
		.	.	.	.	.	.	.	.	.	.		
76	RC07GF224J	.	.	.	.	.	.	.	.	.	.	5199	1
		.	.	.	.	.	.	.	.	.	.		
76	RCR07G224JM	.	.	.	.	.	.	.	.	.	.	5199	1
		.	.	.	.	.	.	.	.	.	.		
77	RC07GF131J	.	.	.	.	.	.	.	.	.	.	5199	1
		.	.	.	.	.	.	.	.	.	.		
77	RCR07G131JM	.	.	.	.	.	.	.	.	.	.	5199	1
		.	.	.	.	.	.	.	.	.	.		
78	2N2646	.	.	.	.	.	.	.	.	.	.	5199	1
79	65-38292-56	.	.	.	.	.	.	.	.	.	.	5199	1
81	BACB29C2C	.	.	.	.	.	.	.	.	.	.	5199	1
82	65-38292-72	.	.	.	.	.	.	.	.	.	.	5199	2
83	118P33492S2	.	.	.	.	.	.	.	.	.	.	5199	1
84	RN70D1431F	.	.	.	.	.	.	.	.	.	.	5199	1
85	RN70D8451F	.	.	.	.	.	.	.	.	.	.	5199	1
86	CE123	.	.	.	.	.	.	.	.	.	.	5199	4
87	65-38292-51	.	.	.	.	.	.	.	.	.	.	5199	1
88	MS25226-2-20	.	.	.	.	.	.	.	.	.	.	5199	2
89	BACG20ZB520	.	.	.	.	.	.	.	.	.	.	5199	1
90	BACG20ZB450	.	.	.	.	.	.	.	.	.	.	5199	1
91	BACG20ZB320	.	.	.	.	.	.	.	.	.	.	5199	1
92	BACG20C15	.	.	.	.	.	.	.	.	.	.	5199	3
93	65-38292-44	.	.	.	.	.	.	.	.	.	.	5199	2
94	MS25082-3	.	.	.	.	.	.	.	.	.	.	5199	1
95	MS35337-43	.	.	.	.	.	.	.	.	.	.	5199	1
96	AN960-10L	.	.	.	.	.	.	.	.	.	.	5199	1
97	BACT12AB2	.	.	.	.	.	.	.	.	.	.	5199	1
98	1N1206	.	.	.	.	.	.	.	.	.	.	5199	1
99	CE123	.	.	.	.	.	.	.	.	.	.	5199	2
100	65-38292-46	.	.	.	.	.	.	.	.	.	.	5199	1
101	65-38292-45	.	.	.	.	.	.	.	.	.	.	5199	1
101A	65-38292-48	.	.	.	.	.	.	.	.	.	.	5199	2
101B	NAS679A04W	.	.	.	.	.	.	.	.	.	.	5199	2
101C	BR16-900B9-26VRO	.	.	.	.	.	.	.	.	.	.	5199	1
101D	CE123	.	.	.	.	.	.	.	.	.	.	5199	4
101E	65-38292-51	.	.	.	.	.	.	.	.	.	.	5199	1
108	65-38292-69	.	.	.	.	.	.	.	.	.	.	5199	1
109	CE123	.	.	.	.	.	.	.	.	.	.	5199	2
110	1N4006	.	.	.	.	.	.	.	.	.	.	5199	1
111	65-38292-70	.	.	.	.	.	.	.	.	.	.	5199	1
112	65-38292-177	.	.	.	.	.	.	.	.	.	.	5199	1
113	3SAH5062K1	.	.	.	.	.	.	.	.	.	.	5199	1

MISSING ITEM NUMBERS ARE NOT APPLICABLE

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FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
31A	BACS12BE02-5 BACN10DN26	.	.	.	.	.	.	ATTACHING PARTS SCREW NUT	5199 5199	4 4
114	M39003-01-2374	.	.	.	.	.	.	CAPACITOR	5199	1
115	RLR20C101JM	.	.	.	.	.	.	RESISTOR.	5199	1
116	RLR20C104JM	.	.	.	.	.	.	RESISTOR.	5199	1
117	RLR20C621JM	.	.	.	.	.	.	RESISTOR.	5199	1
118	RLR20C622JM	.	.	.	.	.	.	RESISTOR.	5199	1
119	2N5431	.	.	.	.	.	.	TRANSISTOR, (V8134C).	5199	1
120	2N5728	.	.	.	.	.	.	RECTIFIER, (V81349)	5199	1
121	CE123	.	.	.	.	.	.	EYELET, (V04264).	5199	10
122	65-38292-185	.	.	.	.	.	.	BOARD ASSY, ETCHED.	5199	1
123	65-38292-176	.	.	.	.	.	.	PLATE ASSY, DIODE CIRCUIT	5199	1
124	3SBF5062P1	.	.	.	.	.	.	RELAY, (V01526)	5199	1
	BACS12BE02-3 BACN10DN40	.	.	.	.	.	.	ATTACHING PARTS SCREW NUT	5199 5199	4 4
125	1N5061	.	.	.	.	.	.	DIODE, (V81349)	5199	1
127	CE123	.	.	.	.	.	.	EYELET, (V04264).	5199	6
128	65-38292-184	.	.	.	.	.	.	BOARD ASSY, ETCHED.	5199	1
129	65-38292-180	.	.	.	.	.	.	PLATE ASSY, DIODE CIRCUIT	5199	1
130	M39014-02-0397	.	.	.	.	.	.	CAPACITOR	5199	1
131	RWR89S49R9FM	.	.	.	.	.	.	RESISTOR.	5199	1
132	UZ7722R	.	.	.	.	.	.	DIODE, ZENER (V12969)	5199	1
133	CE123	.	.	.	.	.	.	EYELET, (V04264).	5199	4
134	BACT40A2G	.	.	.	.	.	.	TERMINAL.	5199	2
135	BACT12N3	.	.	.	.	.	.	TERMINAL.	5199	1
	BACN10DN40	.	.	.	.	.	.	ATTACHING PARTS NUT	5199	1
136	65-38292-187	.	.	.	.	.	.	BOARD ASSY, ETCHED.	5199	1
145	65-38292-178	.	.	.	.	.	.	PLATE ASSY, RESISTOR CIRCUIT.	5199	1
146	3SBF5062P1	.	.	.	.	.	.	RELAY, (V01526)	5199	1
	BACS12BE04-5 BACN10DN40	.	.	.	.	.	.	ATTACHING PARTS SCREW NUT	5199 5199	4 4
147	M39003-01-2374	.	.	.	.	.	.	CAPACITOR	5199	1
148	RLR20C101JM	.	.	.	.	.	.	RESISTOR.	5199	1
149	RLR20C104JM	.	.	.	.	.	.	RESISTOR.	5199	1
150	RLR20C621JM	.	.	.	.	.	.	RESISTOR.	5199	1
151	RLR20C622JM	.	.	.	.	.	.	RESISTOR.	5199	1
152	2N5431	.	.	.	.	.	.	TRANSISTOR, (V81349).	5199	1
153	2N5728	.	.	.	.	.	.	RECTIFIER, (V81349)	5199	1
154	CE123	.	.	.	.	.	.	EYELET, (V04264).	5199	10
155	65-38292-186	.	.	.	.	.	.	BOARD ASSY, ETCHED.	5199	1
156	65-38292-168	.	.	.	.	.	.	PLATE ASSY, DIODE CIRCUIT	5199	1
157	1N5061	.	.	.	.	.	.	DIODE, (V81349)	5199	4
158	65-38292-169	.	.	.	.	.	.	BOARD ASSY, ETCHED.	5199	1
159	CE123	.	.	.	.	.	.	EYELET, (V04264).	5199	5
160	65-38292-170	.	.	.	.	.	.	BOARD, ETCHED	5199	1
161	69-2695-82	.	.	.	.	.	.	RESISTOR ASSY	5199	1
162	RN25X3570	.	.	.	.	.	.	RESISTOR, (V00656).	5199	1
162	RN70D3570F	.	.	.	.	.	.	(OPTIONAL RN70D3570F (V00656)) RESISTOR, (V00656).	5199	1
163	36151	.	.	.	.	.	.	(OPTIONAL TO RN25X3570 (V00656)) TERMINAL, (V00779).	5199	2
164	69-2695-3	.	.	.	.	.	.	RESISTOR ASSY	5199	1
165	RC30GF102K	.	.	.	.	.	.	RESISTOR, (V15805).	5199	1
165	RC32GF102K	.	.	.	.	.	.	(OPTIONAL RC32GF102K (V15805)) RESISTOR, (V15805).	5199	1
166	36151	.	.	.	.	.	.	(OPTIONAL TO RC30GF102K (V15805)) TERMINAL, (V00779).	5199	2
170	69-2695-38	.	.	.	.	.	.	RESISTOR ASSY	5199	1
171	RCR32G333JM	.	.	.	.	.	.	RESISTOR, (V15805).	5199	1
171	RC32G333JM	.	.	.	.	.	.	(OPTIONAL RCR32G333JM (V15805)) RESISTOR, (V15805).	5199	1
172	36151	.	.	.	.	.	.	(OPTIONAL TO RCR32G333JM (V15805)) TERMINAL, (V00779).	5199	2
173	66-13940-1	.	.	.	.	.	.	CLIP ASSY, MOUNTING	5199	4
174	BACS12BF02C8	.	.	.	.	.	.	SCREW (OPTIONAL AN505-2R8)	5199	1

MISSING ITEM NUMBERS ARE NOT APPLICABLE



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
31A 174	AN505-2R8	.	.	.	.	SCREW	.	.	5199	1
		.	.	.	.	(OPTIONAL TO BACS12BF02C8)	.	.		
175	BACT12B108	.	.	.	.	TERMINAL	.	.	5199	1
176	CO PLUS NO	.	.	.	.	CLIP AND CAPTIVE, (V06229)	.	.	5199	1
177	BAC27CEE181	.	.	.	.	MARKER-ALUMINUM FOIL, AUTO PILOT	.	.	5199	1
178	BACJ40A11-6	.	.	.	.	JUMPER ASSY	.	.	5199	4
		.	.	.	.	ATTACHING PARTS	.	.		
	BACS12CB9-14	.	.	.	.	SCREW	.	.	5199	4
	AN960D10	.	.	.	.	WASHER	.	.	5199	8
	MS35338-43	.	.	.	.	WASHER	.	.	5199	4
		.	.	.	.	-----*	.	.		
179	NAS604-10	.	.	.	.	SCREW	.	.	5199	5
180	BACW10P129D	.	.	.	.	WASHER	.	.	5199	5
181	65-59523-14	.	.	.	.	BRACKET ASSY	.	.	5199	1
182	65-59523-13	.	.	.	.	BRACKET	.	.	5199	1
183	65-59523-16	.	.	.	.	BRACKET ASSY	.	.	5199	4
184	65-59523-15	.	.	.	.	BRACKET	.	.	5199	1
		.	.	.	.	FOR REFERENCE TO OTHER BOX DETAILS, SEE NHA	.	.	5199	
MISSING ITEM NUMBERS ARE NOT APPLICABLE										

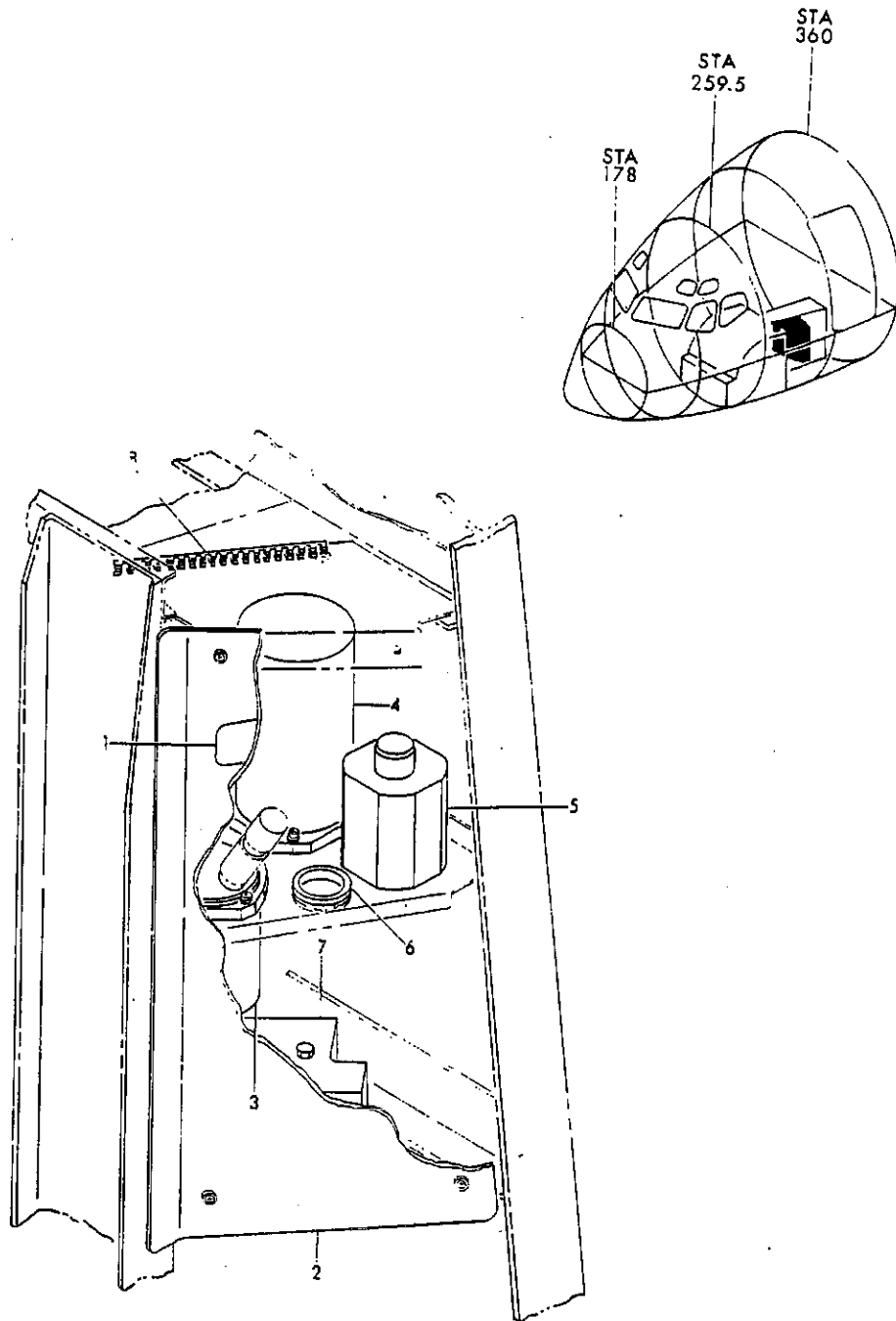


FIGURE 32. COMPONENT INSTL, RJ26 AUTOPILOT PITOT STATIC



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
32	65-59526-1		COMPONENT INSTL, RJ26 AUTOPILOT PITOT STATIC (SEE 24-3, FIG. 5B, ITEM 115, 24-3, FIG. 5D, ITEM 117, 24-3, FIG. 5E, ITEM 76 AND 24-3, FIG. 5F, ITEM 72A)	5199	RF
1	BAC27CEE185		. DECAL, RJ26	5199	1
2	65-59965-1		. COVER	5199	1
			ATTACHING PARTS		
	BACS21Y4R		. STUD ASSY	5199	4
	BACW10X4		. WASHER.	5199	4
			-----*		
3	A31191-10-701		. TRANSMITTER, MACHMETER SYNCHROTEL (V89944).	5199	1
			ATTACHING PARTS		
	NAS601-13P		. SCREW	5199	4
	MS33737-9		. NUT	5199	4
			-----*		
4	10-60747-2		. SWITCH, MACH AIRSPEED WARNING	5151	1
			ATTACHING PARTS		
	NAS601-13P		. SCREW	5199	4
	MS33737-16		. NUT	5199	4
			-----*		
5	PDC1-1B		. SWITCH, AIRSPEED (V92114)	5199	1
			ATTACHING PARTS		
	NAS601-8P		. SCREW	5199	4
			-----*		
6	NAS557-18B		. GROMMET	5199	1
8	BACG20ZA652		. GROMMET	5199	1
MISSING ITEM NUMBERS ARE NOT APPLICABLE					

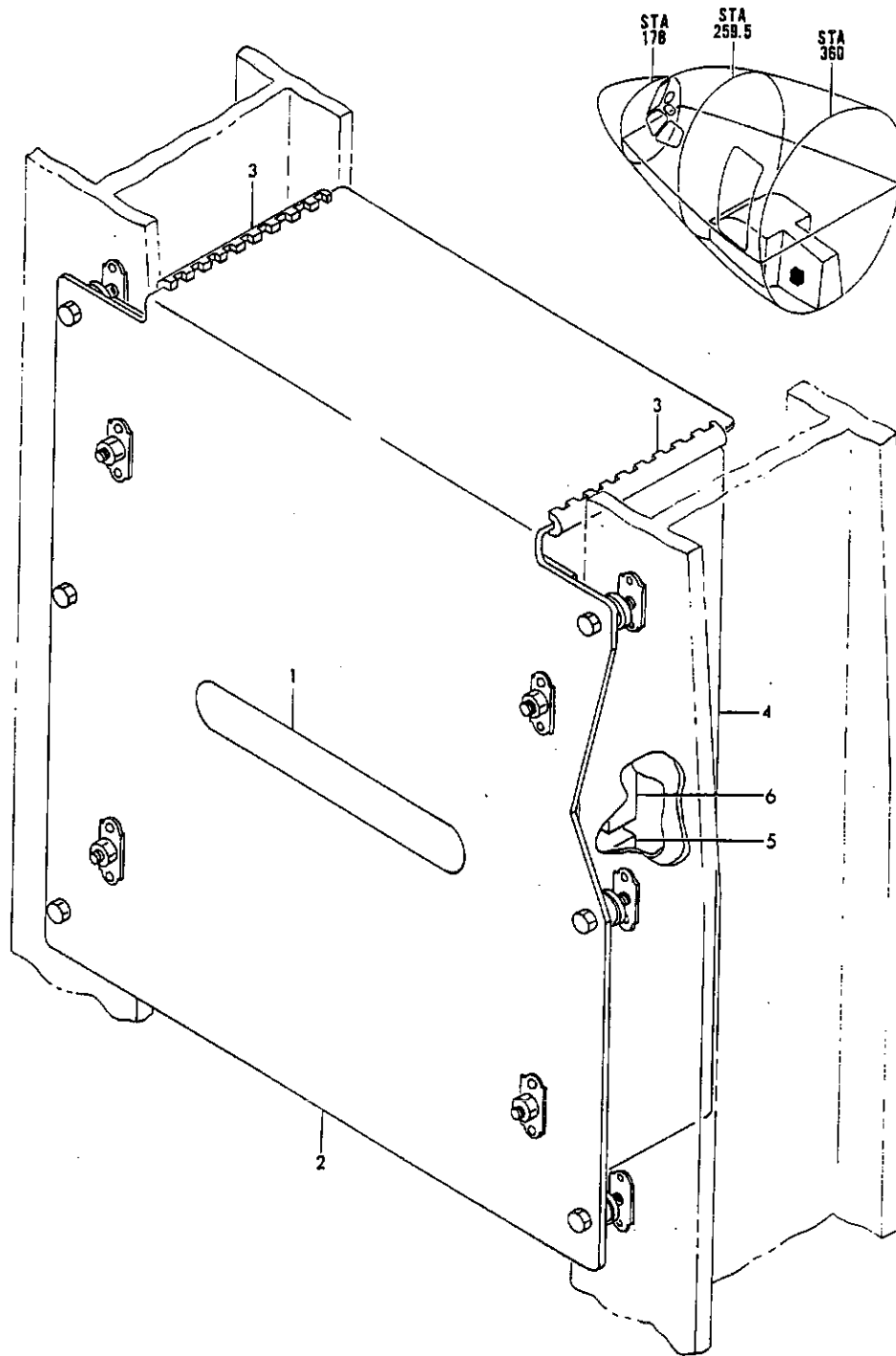


FIGURE 34. TORQUE ADAPTER INSTALLATION



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
34	65-59499-1	TORQUE ADAPTER INSTL, (SEE 24-3, FIG. 5A, ITEM 100, . . 24-3, FIG. 5B, ITEM 100, 24-3, FIG. 5C, ITEM 134, 24-3, FIG. 5D, ITEM 105, 24-3, FIG. 5E, ITEM 63 AND 24-3, FIG. 5F, ITEM 61)								RF
1	BAC27CEE149	. DECAL, TORQUE ADAPTER								1
2	69-46760-1	. PLATE, MOUNTING								1
	NAS603-14P	. ATTACHING PARTS								6
		. SCREW								
		-----*								
3	BACG20ZA225	. GROMMET								2
4	10-3056-400	. ADAPTER, TORQUE								1
	NAS603-6P	. ATTACHING PARTS								
		. SCREW								4
		-----*								
MISSING ITEM NUMBERS ARE NOT APPLICABLE										

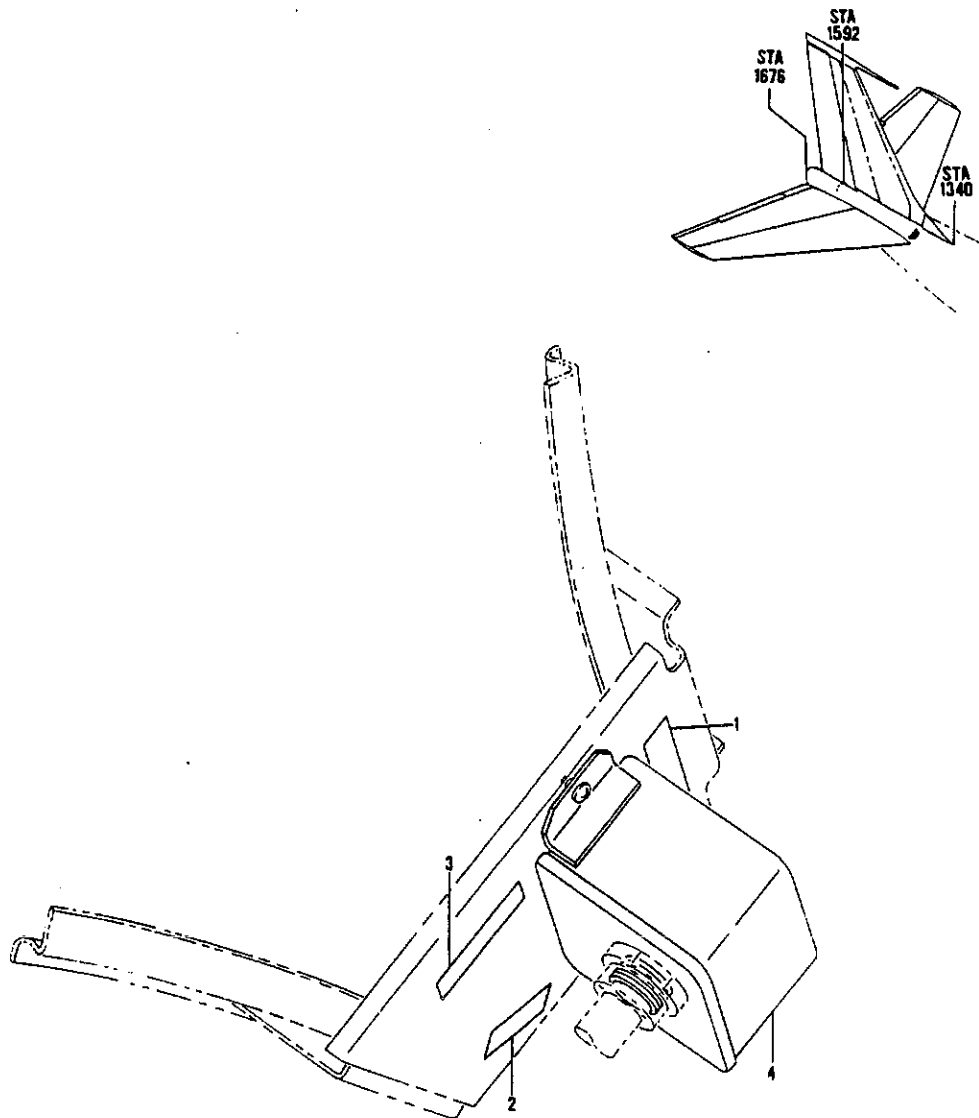


FIGURE 35, MODULATION UNIT INSTL, ELEVATOR SERVO TORQUE



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
35	65-45946-1	MODULATION UNIT INSTL, ELEVATOR SERVO TORQUE (SEE 24-3, FIG. 7, ITEM 26)								RF
1	65-45946-3	. TAPE, IDENTIFICATION.								1
2	65-45946-4	. TAPE, IDENTIFICATION.								1
3	65-45946-5	. TAPE, IDENTIFICATION.								1
4	G193BA	. MODULATION UNIT, (V99837)								1
	BACS12CB3-6	ATTACHING PARTS								
		. SCREW								3
		-----*-----								
MISSING ITEM NUMBERS ARE NOT APPLICABLE										

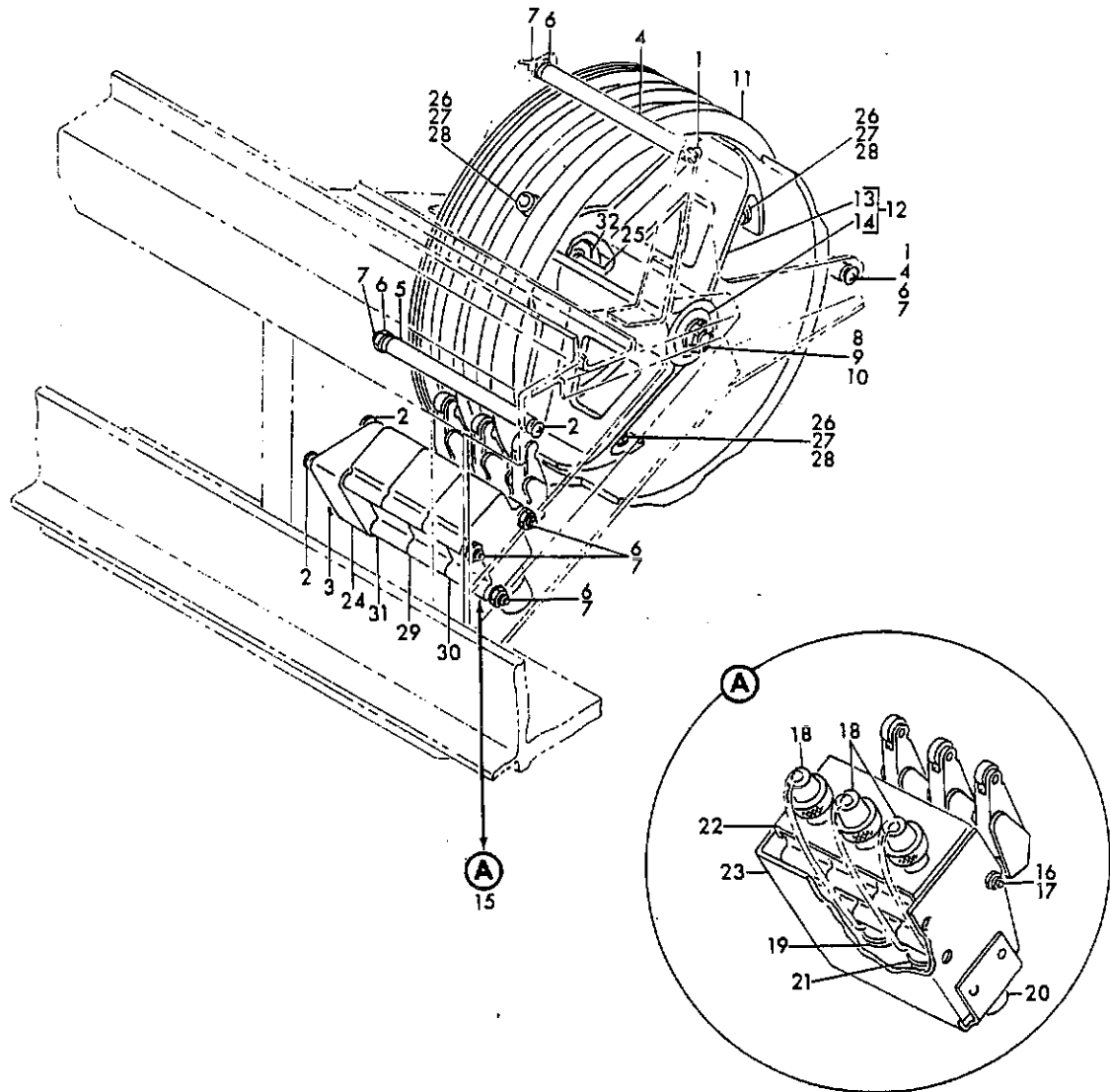
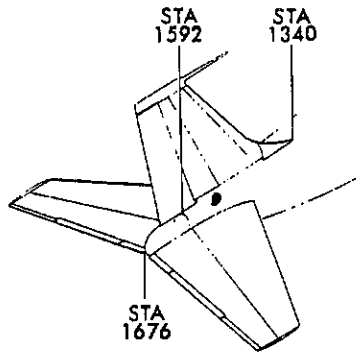


FIGURE 38. TORQUE CONTROL INSTL, STABILIZER (AUTOPILOT ONLY)

MISSING ITEM NUMBERS ARE NOT APPLICABLE

SECTION 02
INSTRUMENT PANELS

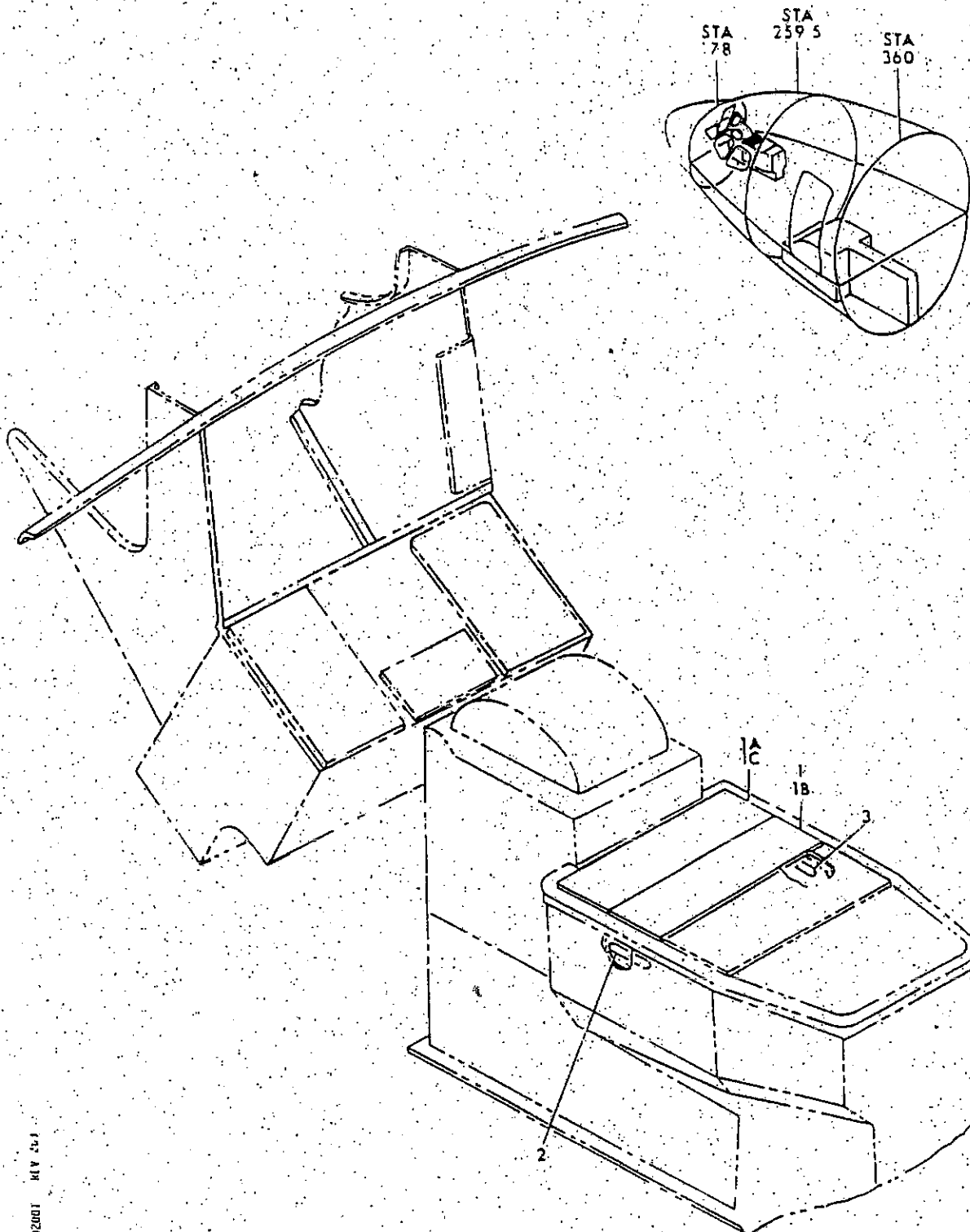


FIGURE 1. PANEL INSTL, RADAR AND AUTOPILOT CONTROL (AUTOPILOT ONLY)

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PARTS CATALOG (MAINTENANCE)

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY	
		1	2	3	4	5	6	7			
R R R R R R R R	1	65-1157-24	PANEL INSTL, RADIO, RADAR AND AUTOPILOT CONTROL							5199	RF
		65-17001-2	(AUTOPILOT ONLY) (SEE 25-1, FIG. 2E, ITEM 1) PANEL INSTL, RADIO, RADAR AND AUTOPILOT CONTROL							0150	RF
		391-34-50-73967-001	(AUTOPILOT ONLY) (DELETED BY MOD 7211.019-225) (SEE 25-1, FIG. 1K ITEM 1) PANEL INSTL, RADIO, RADAR AND AUTOPILOT CONTROL							0101 0450	RF
		391-34-50-73967-003	(AUTOPILOT ONLY) (VS2500) (65-17001-2 MODIFIED BY MOD 7211.019-225) (SEE 25-1, FIG. 1K ITEM 1) PANEL INSTL, RADIO, RADAR AND AUTOPILOT CONTROL							0203	RF
	1	10-3056-73	. PANEL, AUTOPILOT SYSTEM CONTROL							0150	1
	1	10-3056-512	. PANEL, AUTOPILOT SYSTEM CONTROL							5199	1
	3	BACM10C20-3M	. MARKER-ALUMINUM FOIL, AUTOMATIC PILOT CONTROLLER UNIT							0150	1
			. FOR REFERENCE TO OTHER PANEL DETAILS, SEE NHA								
MISSING ITEM NUMBERS ARE NOT APPLICABLE											

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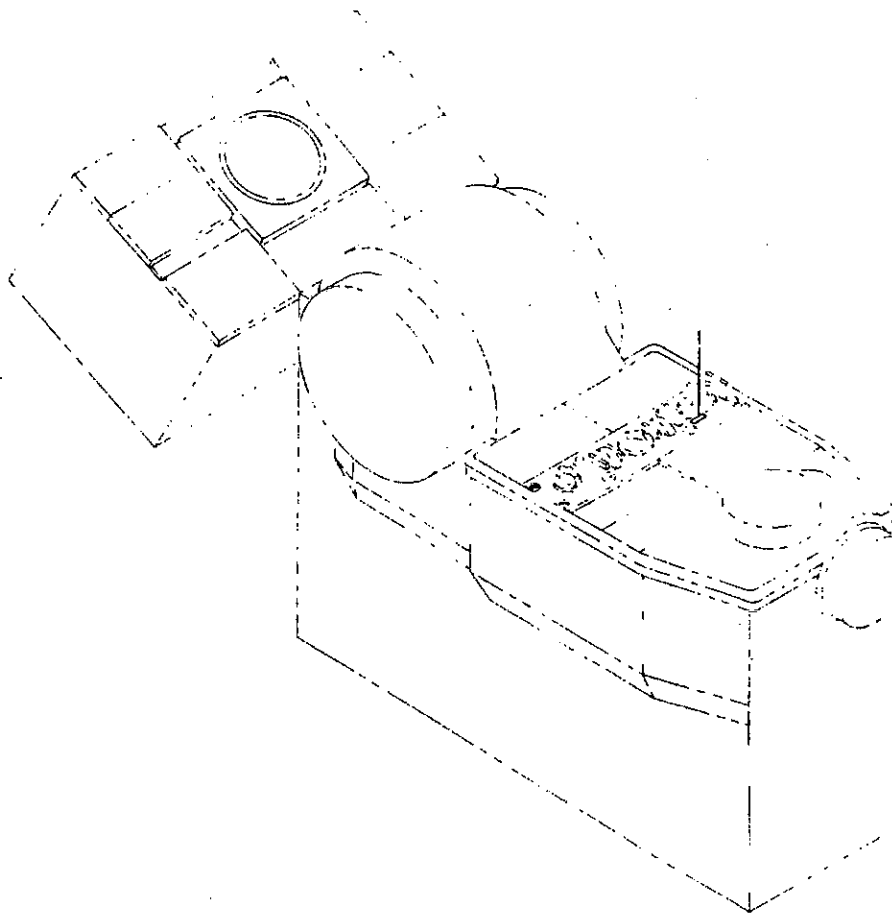
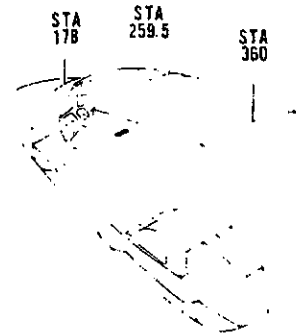


FIGURE 1B. SCOTCH-CAL INSTL. AUTOMATIC PILOT CONTROLLER



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	EFF	UNITS
			FROM TO	PER ASSY
R R R R R	1B	66-22676-1	0150	RF
	1	BACM9S1AG	0150	1
MISSING ITEM NUMBERS ARE NOT APPLICABLE				

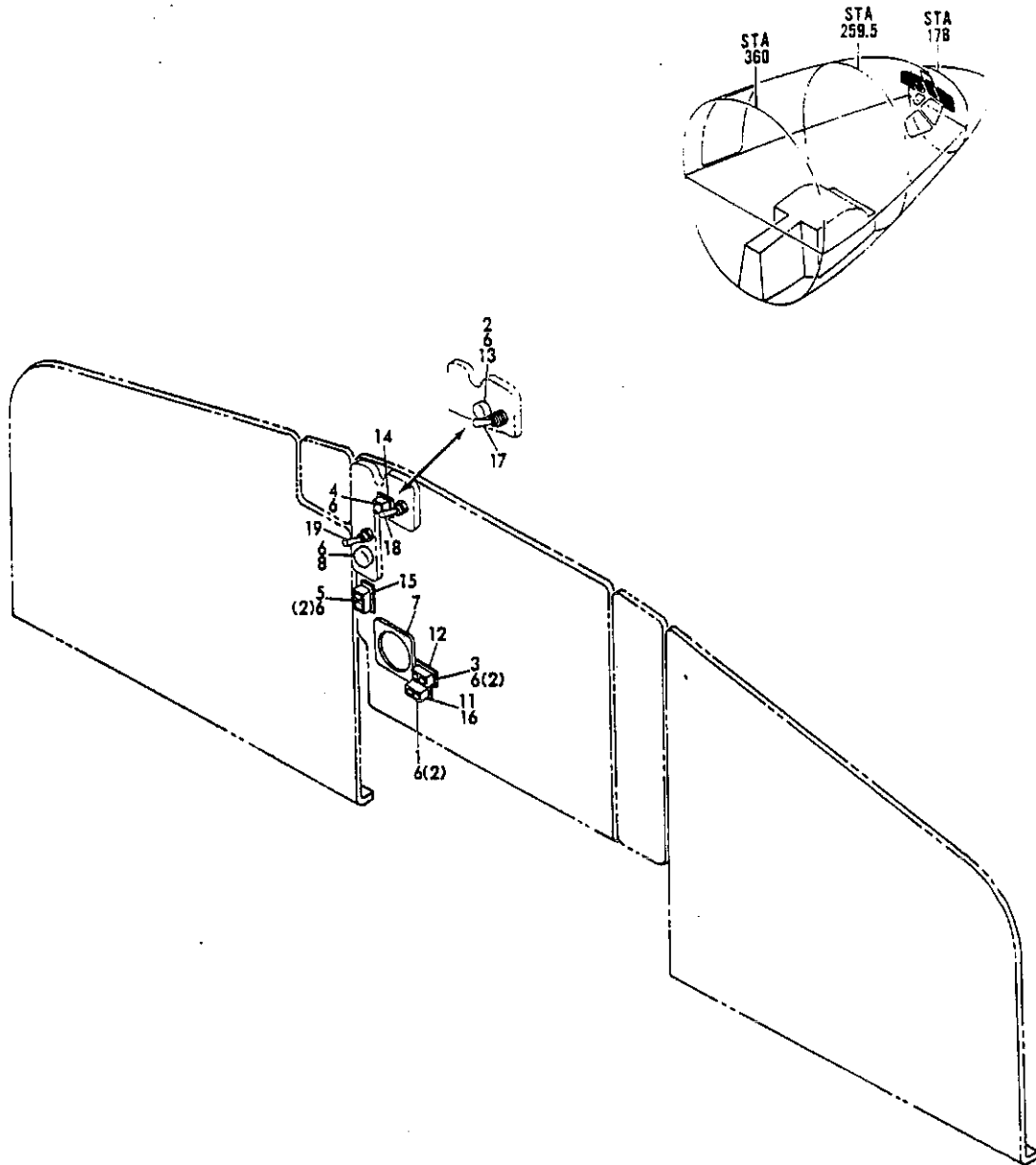


FIGURE 23C. PANEL INSTL, P9 ENGINE INSTRUMENT (AUTOPILOT ONLY)



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF FROM TO	UNITS PER ASSY
R R R R R R R R R R	23C	65-51823-1	PANEL INSTL, P9 ENGINE INSTRUMENT (AUTOPILOT ONLY) (SEE 25-1, FIG. 1E, ITEM 7 AND 25-1, FIG. 1K, ITEM 4)	0150 RF
	1	526-1015-001	. CAP, DUAL INDICATOR AUTO THROTTLE DISENGAGE (V81590)	0150 1
	2	AAP	. CAP, AMBER LAMP (V81590)	0150 1
	3	2H06-17	. CAP, DUAL INDICATOR LIGHT (V81590)	0150 1
	6	1864	. BULB, (V08806)	0150 AR
		65-51823-20	. UNIT ASSY, (AUTOPILOT ONLY)	0150 1
	11	270-1015-001	. . BASE ASSY, LIGHT (V81590)	0150 1
	12	STB260CK	. . BASE ASSY, DUAL INDICATOR LIGHT (V81590)	0150 1
	13	STB130-4	. . BASE ASSY, INDICATOR LIGHT (V81590)	0150 1
	17	MS35058-26	. . SWITCH	0150 1
			. FOR REFERENCE TO OTHER PANEL DETAILS, SEE NHA	0150
MISSING ITEM NUMBERS ARE NOT APPLICABLE				

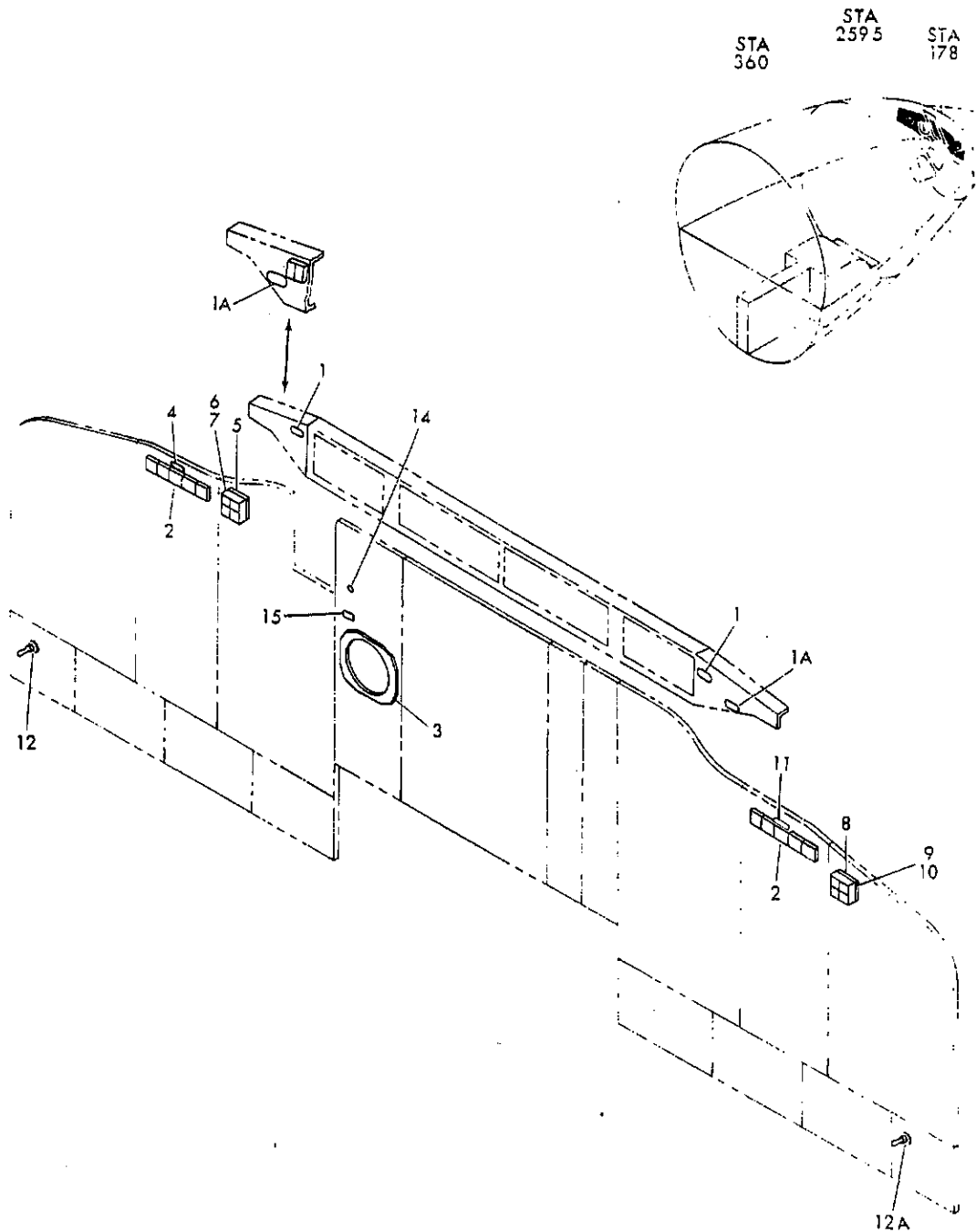


FIGURE 24F. MODULE INSTL. CAPTAINS AND FIRST OFFICERS INSTRUMENT PANELS (AUTOPILOT ONLY)

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PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
24F	65C10900-1	MODULE INSTL, CAPTAINS AND FIRST OFFICERS (INSTRUMENT . PANELS) (VARIABLE DWG;65C10900-5003) (AUTOPILOT ONLY) (SEE 25-1, FIG. 2E, ITEM 107A)							5199	RF
1	BAC27DCC161	. MARKER-ALUMINUM FOIL, BELL CUTOUT							5199	2
2	340-640-1002-013	. LIGHT ASSY, APPROACH PROGRESS DISPLAY (V81590).							5151	2
2	340-640-1012-013	. LIGHT ASSY, APPROACH PROGRESS DISPLAY (V81590).							5299	2
	MS35214-30	. ATTACHING PARTS . SCREW							5199	4
3	15105-1FB2	. INDICATOR, THREE AXIS TRIM (V55972)							5199	1
	MS35214-30	. ATTACHING PARTS . SCREW							5199	4
4	65C10902-4	. MODULE ASSY, P8-2 (AUTOPILOT ONLY).							5199	RF
	BAC27CEQ144	. . DECAL, A/P ANN.							5199	1
	65C10903-9	. MODULE ASSY, P8-3 (AUTOPILOT ONLY).							5199	RF
5	211-1040-001	. . BASE ASSY, INDICATOR LIGHT (V81590)							5199	1
6	611-1040-001	. . CAP, INDICATOR LIGHT (V81590)							5199	1
7	MS18209-387	. . LAMP.							5199	4
	65C10907-9	. MODULE ASSY, P10-1 (AUTOPILOT ONLY).							5199	RF
8	211-1040-001	. . BASE ASSY, INDICATOR LIGHT (V81590)							5199	1
9	611-1040-001	. . CAP, INDICATOR LIGHT (V81590)							5199	1
10	MS18209-387	. . LAMP.							5199	4
	65C10908-4	. MODULE ASSY, P10-2 (AUTOPILOT ONLY).							5199	RF
11	BAC27CEQ144	. . DECAL, A/P ANN.							5199	1
	69-47605-7	. PANEL ASSY, P8-4 (AUTOPILOT ONLY)							5199	RF
12	3PB11T2	. . SWITCH, (V91929).							5199	2
	65C10904-1	. MODULE ASSY, P9-1 (AUTOPILOT ONLY).							5199	RF
15	318-630-1003-022	. . LIGHT ASSY, INDICATING (MACH TRIM) (V81590)							5199	1
		. FOR REFERENCE TO OTHER MODULE DETAILS, SEE NHA.							5199	
MISSING ITEM NUMBERS ARE NOT APPLICABLE										

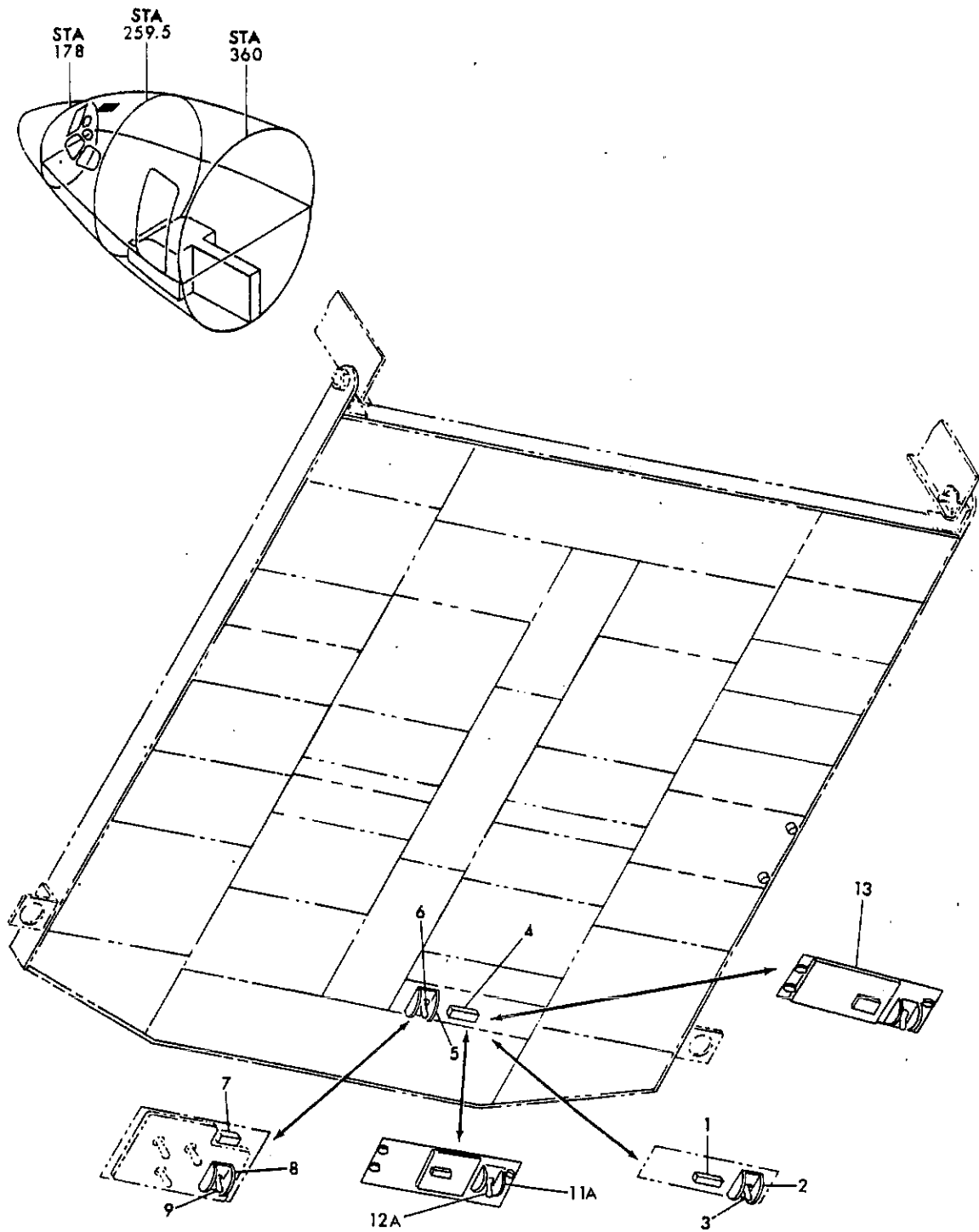


FIGURE 26A. MODULE INSTL, P13 PILOTS OVERHEAD (AUTOP/LOT ONLY)



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
26A	65-86177-2	MODULE INSTL, P13 PILOTS OVERHEAD (VARIABLE DWG;65-87177-5011) (AUTO PILOT ONLY) (SEE 25-1, FIG. 2E, ITEM 92 AND 25-1, FIG. 180H, ITEM 108)							5199	RF
	69-46120-16	. MODULE ASSY, P13K RAD/ALT AND YAW DAMPER (AUTOPILOT ONLY)							5199	RF
1	318-630-1003-009	. . LIGHT ASSY, (V81590).							5199	1
2	NAS1072-1	. . GUARD							5199	1
3	MS24523-23	. . SWITCH, TOGGLE.							5199	1
		. FOR REFERENCE TO OTHER MODULE DETAILS, SEE NHA. . . .							5199	
MISSING ITEM NUMBERS ARE NOT APPLICABLE										

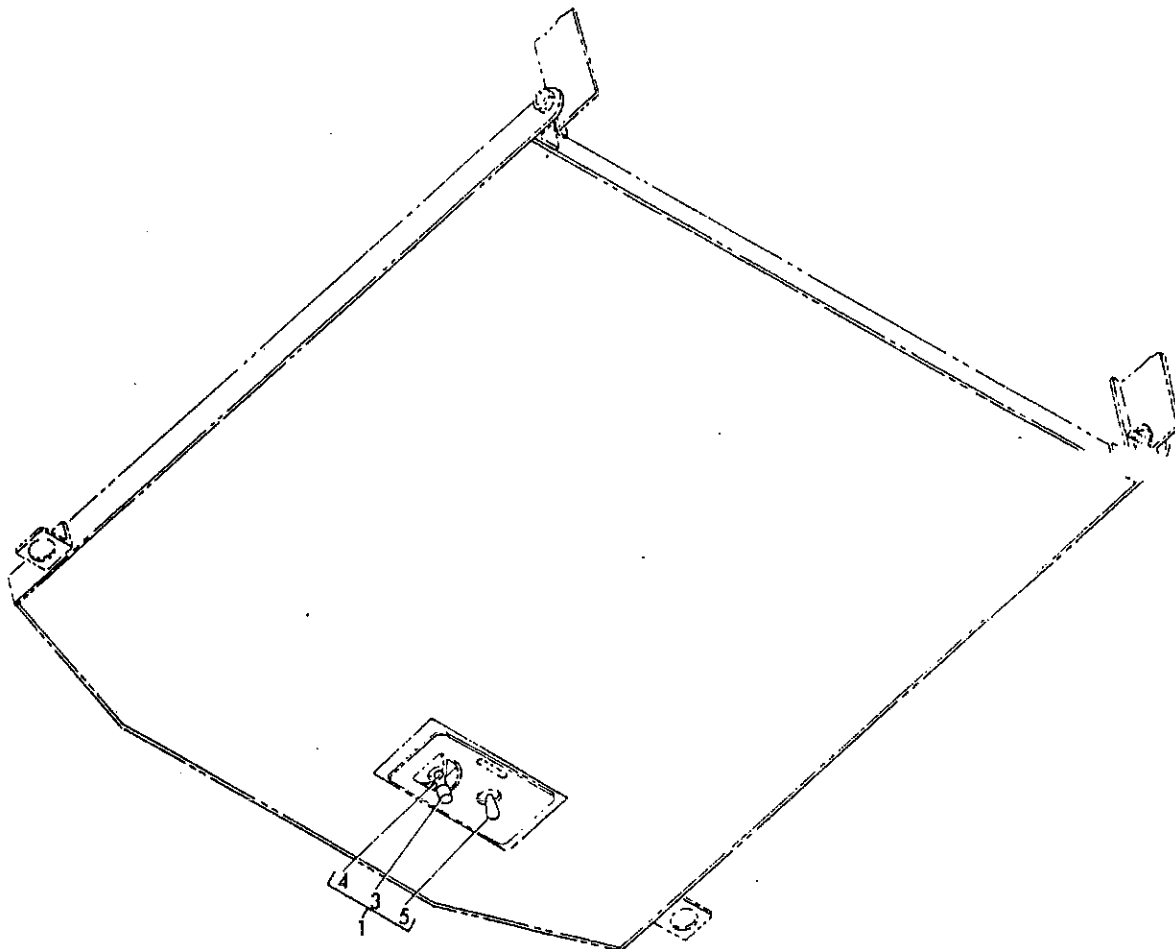
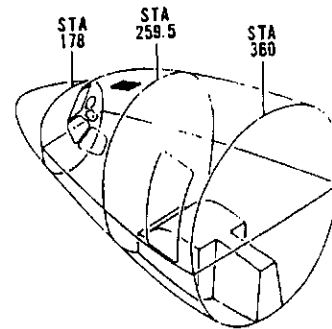


FIGURE 27. MODULE INSTL, P13 PILOTS OVERHEAD (AUTOPILOT ONLY)

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PARTS CATALOG (MAINTENANCE)

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE	EFF	UNITS
			FROM TO	PER ASSY
R R R R R R R	27	65-58786-1	0150	RF
		391-31-10-74168-001	0103	RF
		391-31-10-74168-003	0450	RF
	1	69-52342-1	0150	1
	3	69-44578-1	0150	1
	4	CQ93A1	0150	1
	5	1871205-3	0150	1
	5	13AT2A	0150	1
		MODULE INSTL, P13 PILOTS OVERHEAD (AUTOPILOT ONLY). . . (DELETED BY MOD 7211.019-225) (SEE 25-1, FIG. 1K, ITEM 6)		
		MODULE INSTL, P13 PILOTS OVERHEAD (AUTOPILOT ONLY). . . (VS2500) (65-58786-1 MODIFIED BY MOD 7211.019-225) (SEE 25-1, FIG. 1K, ITEM 6)		
		MODULE INSTL, P13 PILOTS OVERHEAD (AUTOPILOT ONLY). . . (VS2500) (65-58786-1 MODIFIED BY MOD 7211.019-225) (SEE 25-1, FIG. 1K, ITEM 6)		
		MODULE ASSY, P13AC AUTOMATIC THROTTLE (AUTOPILOT. . . ONLY)		
		. . . CAP, TOGGLE SWITCH.		
		. . . SWITCH, TOGGLE (V55972)		
		. . . SWITCH, TOGGLE (V55972)		
		. . . SWITCH, TOGGLE (VZ0268)		
		. FOR REFERENCE TO OTHER MODULE DETAILS, SEE NHA. . . .		
MISSING ITEM NUMBERS ARE NOT APPLICABLE				

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PARTS CATALOG

SECTION 03
AUTOMATIC THROTTLE SYSTEM

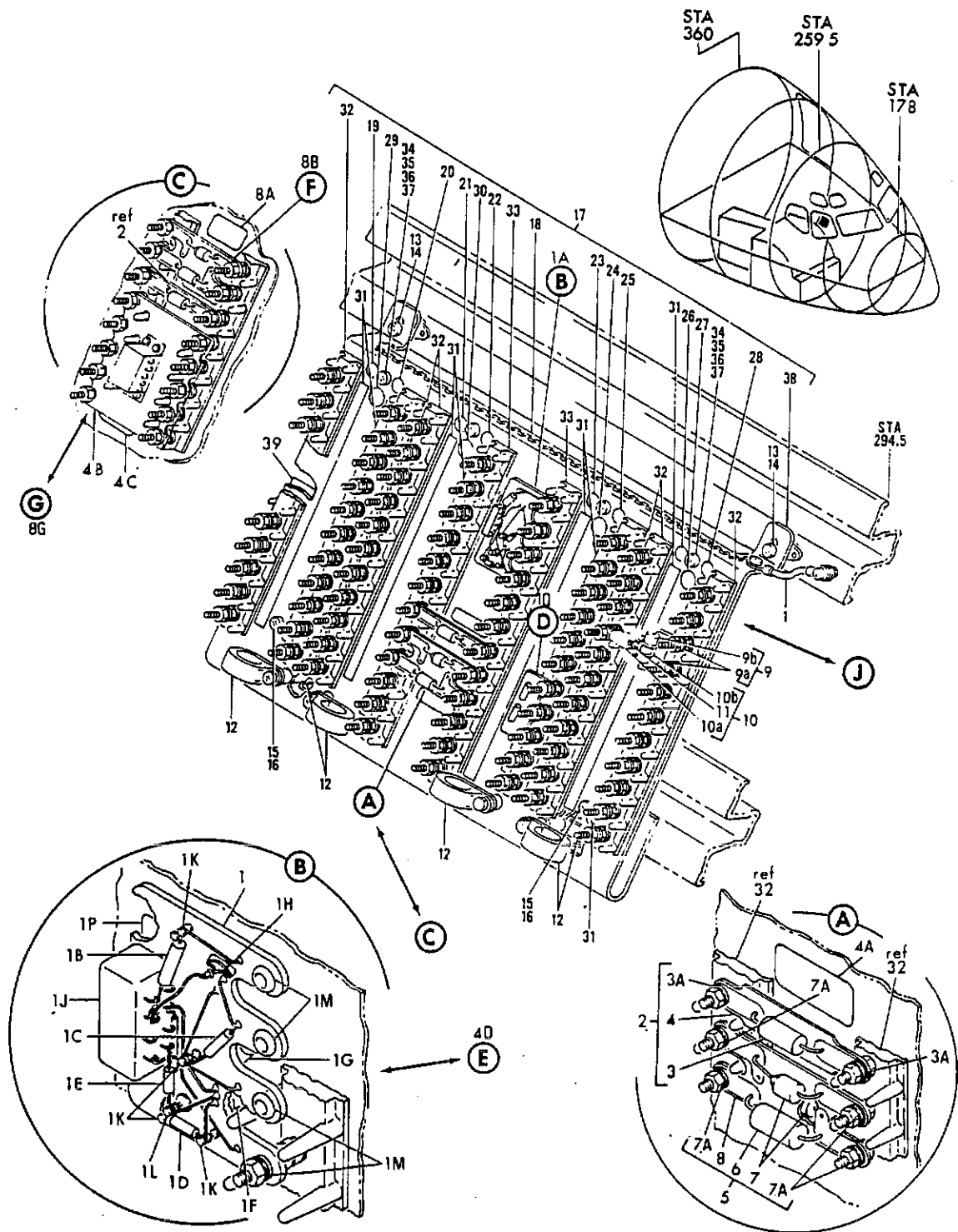


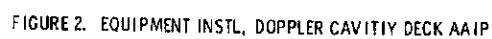
FIGURE 1. SHIELD INSTL, STATION 294.5 TO 312 RJ20 (SHEET 1)

MISSING ITEM NUMBERS ARE NOT APPLICABLE



PARTS CATALOG

R	FIGURE & ITEM NO.		MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
	1	39		1	2	3	4	5	6	7		
	1	39	BACM9L10ACT	.	MARKER, AUTO THROTTLE						0150	1
MISSING ITEM NUMBERS ARE NOT APPLICABLE												



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PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
R 2	65-37657-1		EQUIPMENT INSTL, DOPPLER CAVITY DECK AAIP	0150	RF
R			. EQUIPMENT INSTL, DOPPLER CAVITY DECK AAIP (SEE 24-3, FIG. 5A, ITEM 5A, 24-3, FIG. 5B, ITEM 5A, 24-3, FIG. 5C, ITEM 7, 24-3, FIG. 5D, ITEM 7, 24-3, FIG. 5E, ITEM 6 AND 24-3, FIG. 5F, ITEM 5)	0150	
R 1	65-38585-1		. COVER ASSY, AUTOPILOT EQUIPMENT	0150	1
R	BACS12CB3-8		. ATTACHING PARTS		
			. SCREW	0150	4
R 2	10-60474-1		. COUPLER, YAW DAMPER	0150	1
R 3	10-60474-2		. CALIBRATOR, YAW DAMPER COUPLER.	0150	1
R 4	10-60933-3		. COMPUTER, AUTO THROTTLE (SUPPLIED WITH BAC SPEC NO. 10-60933-10)	0150	1
R 5	10-60933-10		. AMPLIFIER, CALIBRATOR COMPUTER (USED WITH BAC SPEC NO. 10-60933-3)	0150	1
R 6	69-15310-2		. BRACKET, WIRE SUPPORT	0150	1
			. ATTACHING PARTS		
R	BACS12CB3-8		. SCREW	0150	2
R	BACN10FX1W		. NUT	0150	2
R 7	65-38572-1		. TRAY ASSY, MOUNTING UNIT.	0150	1
R 8	65-38572-6		. TRAY ASSY, MOUNTING UNIT.	0150	1
			. ATTACHING PARTS		
R	NAS514P1032-8		. SCREW	0150	6
R	BACN10FX5DW		. NUT	0150	6
R 8A	NAS679A04W		. NUT	0150	8
R 8B	NAS600-5P		. SCREW	0150	4
R 8C	NAS514P440-5		. SCREW	0150	4
R 8D	66-1526-5		. SPACER, UNIT TRAY RECEPTACLE SUPPORT (OPTIONAL)	0150	AR
R 9	27L1-1		. FORK ASSY, (V71286)	0150	3
			. ATTACHING PARTS		
R	BACS12CB3-8		. SCREW	0150	3
R	NAS679A3W		. NUT	0150	3
R 10	66-2895-3		. CLIP, FORK SUPPORT SPACER	0150	3
			. ATTACHING PARTS		
R	MS24678-13		. SCREW	0150	3
R	MS35338-43		. WASHER.	0150	3
R 10A	65-38585-2		. SUPPORT ASSY, AUTOPILOT EQUIPMENT COVER ZEE	0150	1
R 11A	65-37657-10		. BRACKET, SUPPORT.	0150	1
			. ATTACHING PARTS		
R	BACS12CB08-12		. SCREW	0150	4
R 13	G1828		. WARNING UNIT, ABORT (V99837) (CUSTOMER FURNISHED)	0150	1
			. ATTACHING PARTS		
R	NAS514P832-7		. SCREW	0150	4
R	BACW10Z3		. WASHER, (OPTIONAL).	0150	AR
R 14	69-36408-5		. SUPPORT ASSY.	0150	1
			. ATTACHING PARTS		
R 14A	BACS12CB3-6		. SCREW	0150	3
R 14B	BACS12CB3-7		. SCREW	0150	3
R 14C	BACN10FX1		. NUT	0150	6
R 15	69-36408-6		. SUPPORT	0150	1
R 15A	69-36408-7		. FILLER.	0150	1
R 16	65-38585-3		. SUPPORT ASSY, AUTOPILOT COVER ZEE	0150	1
R 17	65-38585-5		. COVER ASSY, AUTOPILOT EQUIPMENT SUPPORT	0150	1
R 18	65-38585-4		. ANGLE, AUTOPILOT EQUIPMENT COVER SUPPORT.	0150	1
MISSING ITEM NUMBERS ARE NOT APPLICABLE					

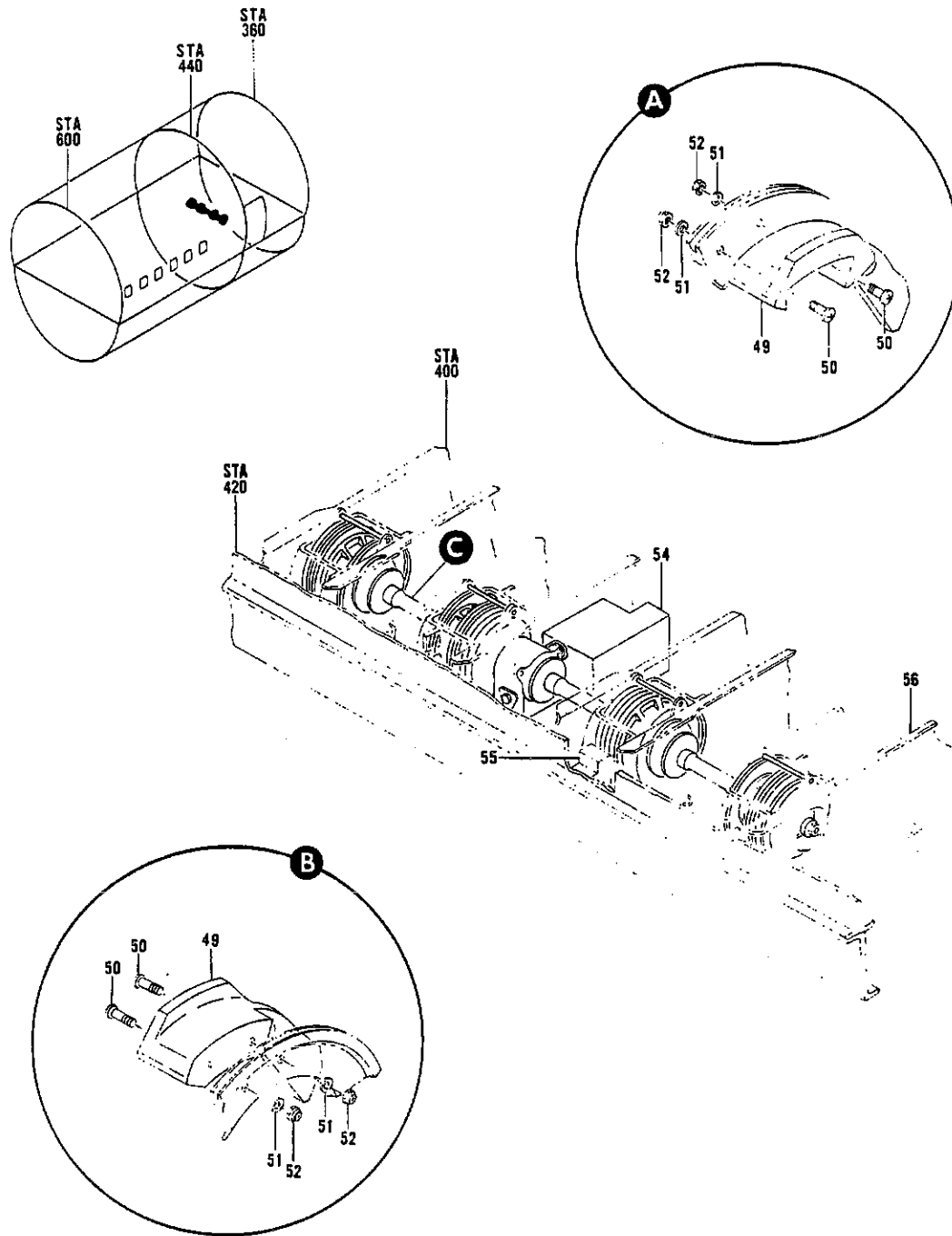


FIGURE 3. MECHANISM INSTL, AUTOMATIC THROTTLE CLUTCH SYSTEM (SHEET 1)

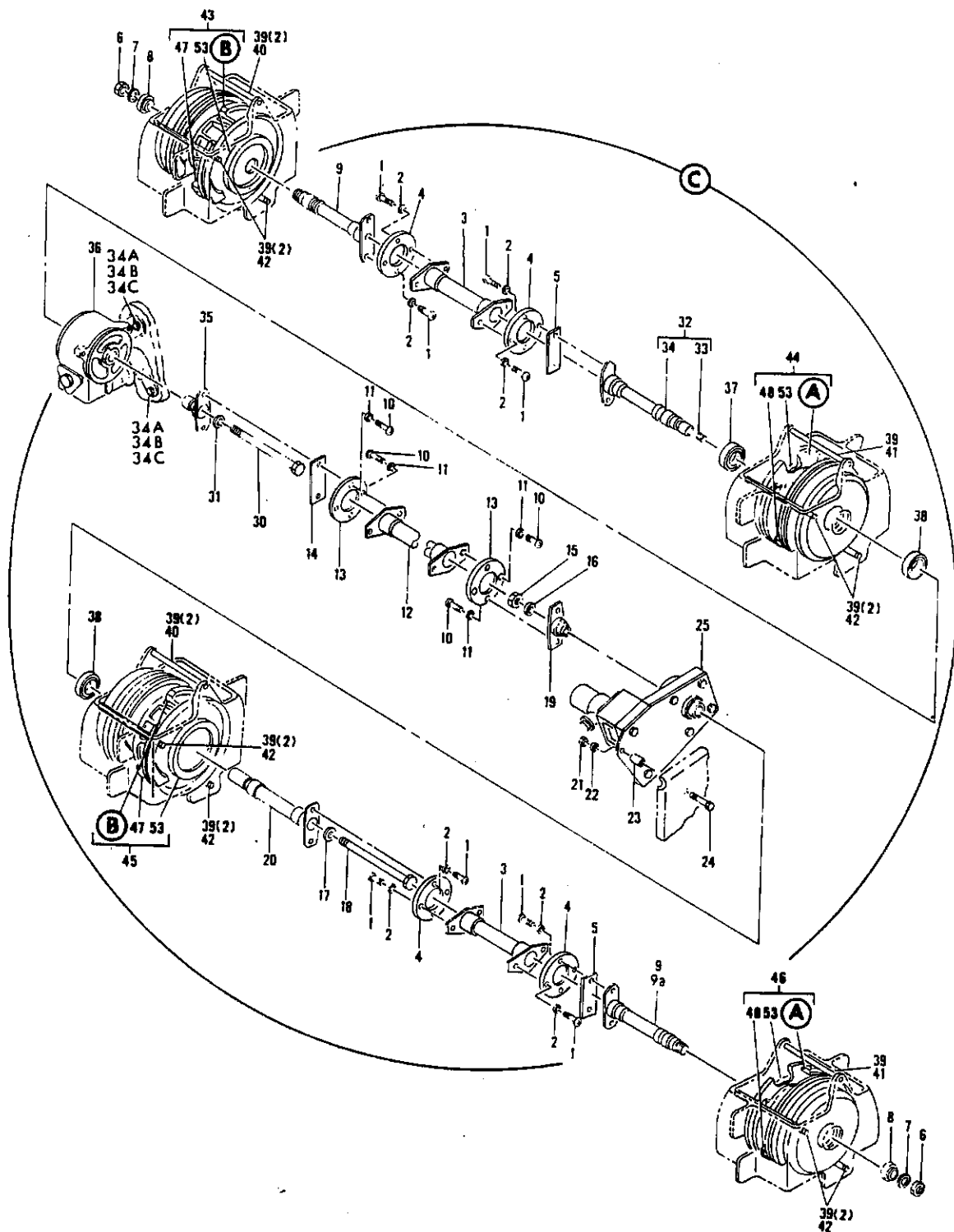


FIGURE 3. MECHANISM INSTL, AUTOMATIC THROTTLE SYSTEM CLUTCH (SHEET 2)

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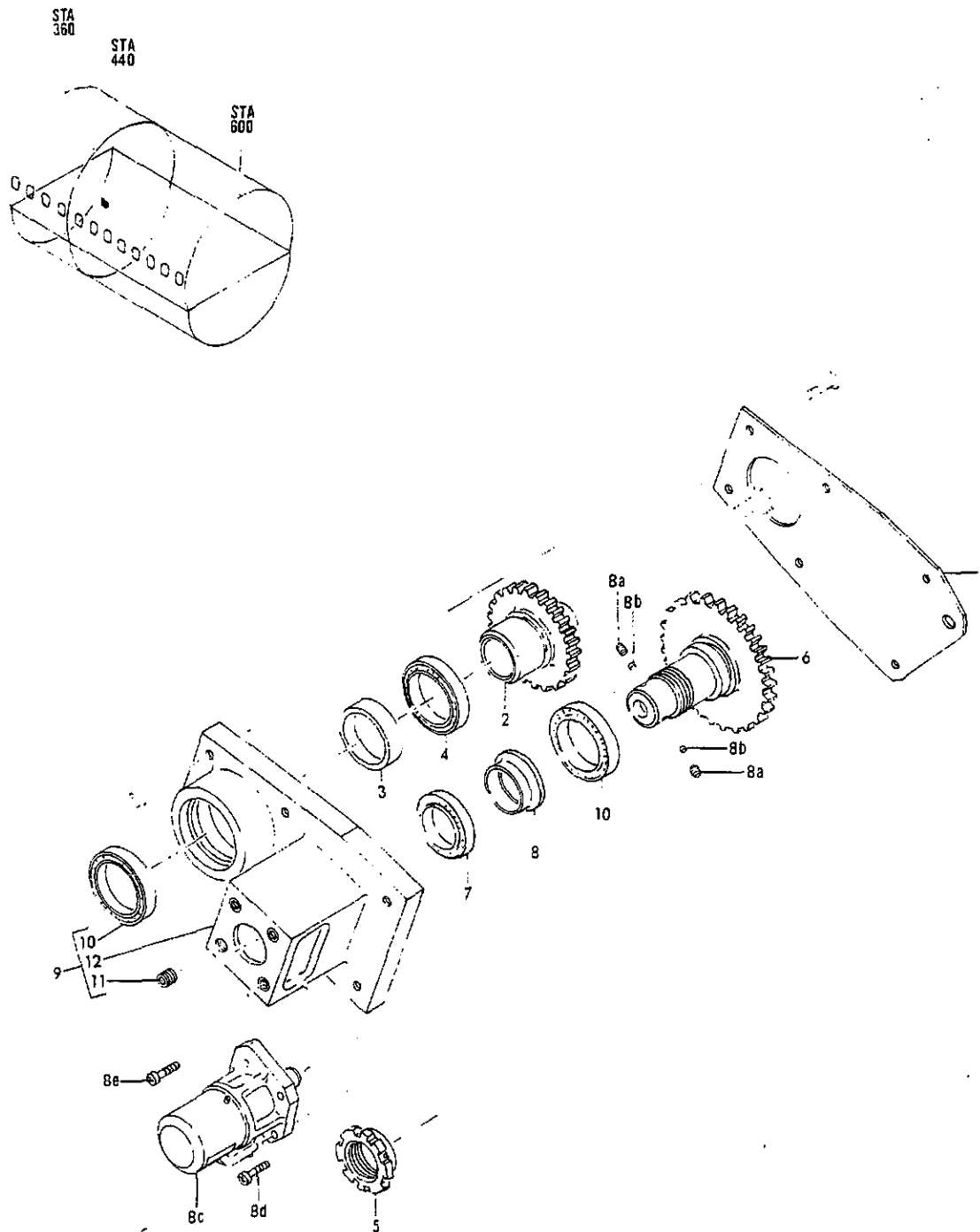
FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
3	65-43718-14	MECHANISM INSTL, AUTOMATIC THROTTLE SYSTEM CLUTCH (SEE 76-2, FIG. 31A, ITEM 90)	0150	RF
1	NAS623-3-3	. SCREW	0150	16
2	AN960D10	. WASHER	0150	16
3	69-33123-5	. SHAFT ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH.	0150	2
4	69-30457-1	. COUPLING, AUTOMATIC THROTTLE CONTROL.	0150	4
5	66-22214-1	. SHIM, AUTOMATIC THROTTLE CLUTCH SYSTEM LAMINATED.	0150	2
6	AN320-8	. NUT	0150	2
7	AN960-816L	. WASHER	0150	2
8	BACB10A27DD	. BEARING	0150	2
9	69-31258-1	. SHAFT ASSY, AUTOMATIC THROTTLE CLUTCH SYSTEM.	0150	2
9A	69-31258-2	. SHAFT	0150	1
10	NAS623-3-3	. SCREW	0150	8
11	AN960D10	. WASHER	0150	8
12	69-33123-6	. SHAFT ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH.	0150	1
13	69-30457-1	. COUPLING, AUTOMATIC THROTTLE CONTROL.	0150	2
14	66-22214-1	. SHIM, AUTOMATIC THROTTLE SYSTEM CLUTCH.	0150	1
15	NAS679A5	. NUT	0150	1
16	66-22631-1	. WASHER, AUTOMATIC THROTTLE SYSTEM DRIVE	0150	1
17	AN960D516L	. WASHER	0150	1
18	NAS1305-96	. BOLT	0150	1
19	69-34973-1	. COUPLER ASSY, AUTOMATIC THROTTLE SHAFT.	0150	1
20	69-34961-1	. SHAFT ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH.	0150	1
21	NAS679A4W	. NUT	0150	1
22	AN960D416L	. WASHER	0150	1
23	NAS43DD4-36	. SPACER	0150	1
24	NAS1303-10	. BOLT	0150	1
25	65-44199-2	. INDICATOR ASSY, AUTOMATIC THROTTLE POSITION INDICATOR (SEE FIG. 4)	0150	1
30	NAS1304-36	. BOLT	0150	1
31	AN960D416L	. WASHER	0150	AR
32	69-34961-3	. SHAFT ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH.	0150	1
33	MS21209F4-15	. INSERT	0150	1
34	69-34961-4	. SHAFT, AUTOMATIC THROTTLE SYSTEM CLUTCH	0150	1
34A	BACB30NF4-7	. SCREW	0150	2
34B	AN960D416	. WASHER	0150	2
34C	BACN10JC4	. NUT	0150	2
35	69-34150-3	. FITTING ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH DRIVE SHAFT	0150	1
36	65-42163-1	. GEAR BOX ASSY, ENGINE CONTROL AUTOMATIC THROTTLE. SYSTEM (SEE FIG. 12)	0150	1
37	BACB10A35DD	. BEARING	0150	1
38	BACB10A27AA	. BEARING	0150	2
39	AN960D10	. WASHER	0150	22
40	BACP18CDD3-516	. PIN	0150	2
41	BACP18CDD3-462	. PIN	0150	2
42	BACP18CDD3-526	. PIN	0150	8
43	65-43765-16	. CLUTCH AND CAM ASSY	0150	1
44	65-43765-17	. CLUTCH AND CAM ASSY	0150	1
44	65-43765-17	. CLUTCH AND CAM ASSY (DELETED BY SB 3208).	0450	1
45	65-43765-18	. CLUTCH AND CAM ASSY, (REWORKED BY SB 3208) (MAY USE 65-43765-24 AFTER SB 3208 INCORPORATION)	0103	1
45	65-43765-16	. CLUTCH AND CAM ASSY, (REWORKED BY SB 3208) (MAY USE 65-43765-24 AFTER SB 3208 INCORPORATION) (OPTIONAL 65-43765-15)	0450	1
46	65-43765-19	. CLUTCH AND CAM ASSY	0150	1
47	69-34752-3	. CAM, INPUT QUADRANT (USED ON 65-43765-11, -13, -15, -16, -18, -24, -25)	0150	1
48	69-34752-4	. CAM, INPUT QUADRANT (USED ON 65-43765-12, -14, -17 AND -19)	0150	1
		ATTACHING PARTS		
	NAS623-3-4	. SCREW	0150	8
	AN960PD10L	. WASHER	0150	8
	NAS679A3W	. NUT	0150	8
49	69-34761-5	. CAM, OUTPUT QUADRANT (USED ON 65-43765-11 AND -16)	0150	1
49	69-37746-3	. CAM, OUTPUT QUADRANT (USED ON 65-43765-12 AND -17) (OPTIONAL 69-39944-4)	0150	1
49	69-39944-4	. CAM, OUTPUT QUADRANT (USED ON 65-43765-12 AND -17) (OPTIONAL TO 69-37746-3)	0150	1
49	69-34761-6	. CAM, OUTPUT QUADRANT (USED ON 65-43765-14 AND -19)	0150	1
49	69-67645-3	. CAM, OUTPUT QUADRANT (ADDED BY SB 3208)	0103	1
49	69-34763-4	. CAM, OUTPUT QUADRANT (DELETED BY SB 3208)	0150	1
50	BACB30FM6-4	. SCREW	0150	8

MISSING ITEM NUMBERS ARE NOT APPLICABLE



PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
R R R R R R R R	3 51	AN960PD10L	. .	WASHER.					0150	8
	52	NAS679A3W	. .	NUT					0150	8
	53	65-42354-5	. .	CLUTCH ASSY, ENGINE CONTROL (SEE FIG. 13)					0150	1
				(OPTIONAL TO 65-42354-7)						
	53	65-42354-7	. .	CLUTCH ASSY, ENGINE CONTROL (SEE FIG. 13)					0150	1
				(OPTIONALS 65-42354-3 AND -5)						
	54	10-60933-16	. .	THROTTLE, AUTOMATIC CONTROL ENGINE.					0150	1
	55		SWITCH INSTL, STATION 400 TO 420 THROTTLE OPERATED (FOR						0150	RF
			REF SEE 32-10, FIG. 12)							
	56		BRACKET INSTL, AUTOMATIC THROTTLE SYSTEM CLUTCH SUPPORT						0150	RF
			(FOR REF SEE FIG. 5)							
MISSING ITEM NUMBERS ARE NOT APPLICABLE										



INDICATOR ASSY, AUTOMATIC THROTTLE POSITION
FIGURE 4. DRIVE ASSY, AUTOMATIC THROTTLE POSITION INDICATOR



PARTS CATALOG

FIGURE & ITEM NO.		MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
			1	2	3	4	5	6	7		
R	4	65-44199-2	INDICATOR ASSY, AUTOMATIC THROTTLE POSITION (SEE FIG. 3, ITEM 25)							0150	RF
R	1	66-23444-1	. COVER, AUTOMATIC THROTTLE POSITION INDICATOR.							0150	1
R		NAS1103-9W	. ATTACHING PARTS							0150	6
R		NAS679A3W	. BOLT.							0150	6
			. NUT							0150	6
			-----*								
R	2	69-34857-1	. GEAR, AUTOMATIC THROTTLE POSITION INDICATOR PINION. .							0150	1
R	3	66-22626-1	. SPACER, AUTOMATIC THROTTLE POSITION INDICATOR							0150	1
R	4	BACB10A30DDH	. BEARING							0150	1
			(OPTIONAL BACB10A30DD)								
R	5	66-22613-1	. NUT, AUTOMATIC THROTTLE POSITION INDICATOR RETAINER .							0150	1
R	6	69-34856-1	. GEAR, AUTOMATIC THROTTLE POSITION INDICATOR							0150	1
R	7	BACB10A29DDH	. BEARING							0150	1
			(OPTIONAL BACB10A29DD)								
R	8	66-22627-1	. SPACER, AUTOMATIC THROTTLE POSITION INDICATOR							0150	1
R	8A	BACS12AA4-5	. SCREW							0150	2
R	8B	66-22625-1	. PLUG, AUTOMATIC THROTTLE POSITION INDICATOR							0150	2
R	8C	10-60933-17	. TRANSMITTER, POSITION							0150	1
			ATTACHING PARTS								
R	8D	MS24678-10	. SCREW							0150	3
R	8E	MS24678-12	. SCREW							0150	1
			-----*								
R	9	65-44146-1	. CASE ASSY, AUTOMATIC THROTTLE POSITION INDICATOR. . .							0150	1
R	10	BACB10A30DDH	. . BEARING							0150	2
			(OPTIONAL BACB10A30DD)								
R	11	MS21208F15	. . INSERT.							0150	4
R	12	65-44146-2	. . CASE, AUTOMATIC THROTTLE POSITION INDICATOR							0150	1
MISSING ITEM NUMBERS ARE NOT APPLICABLE											

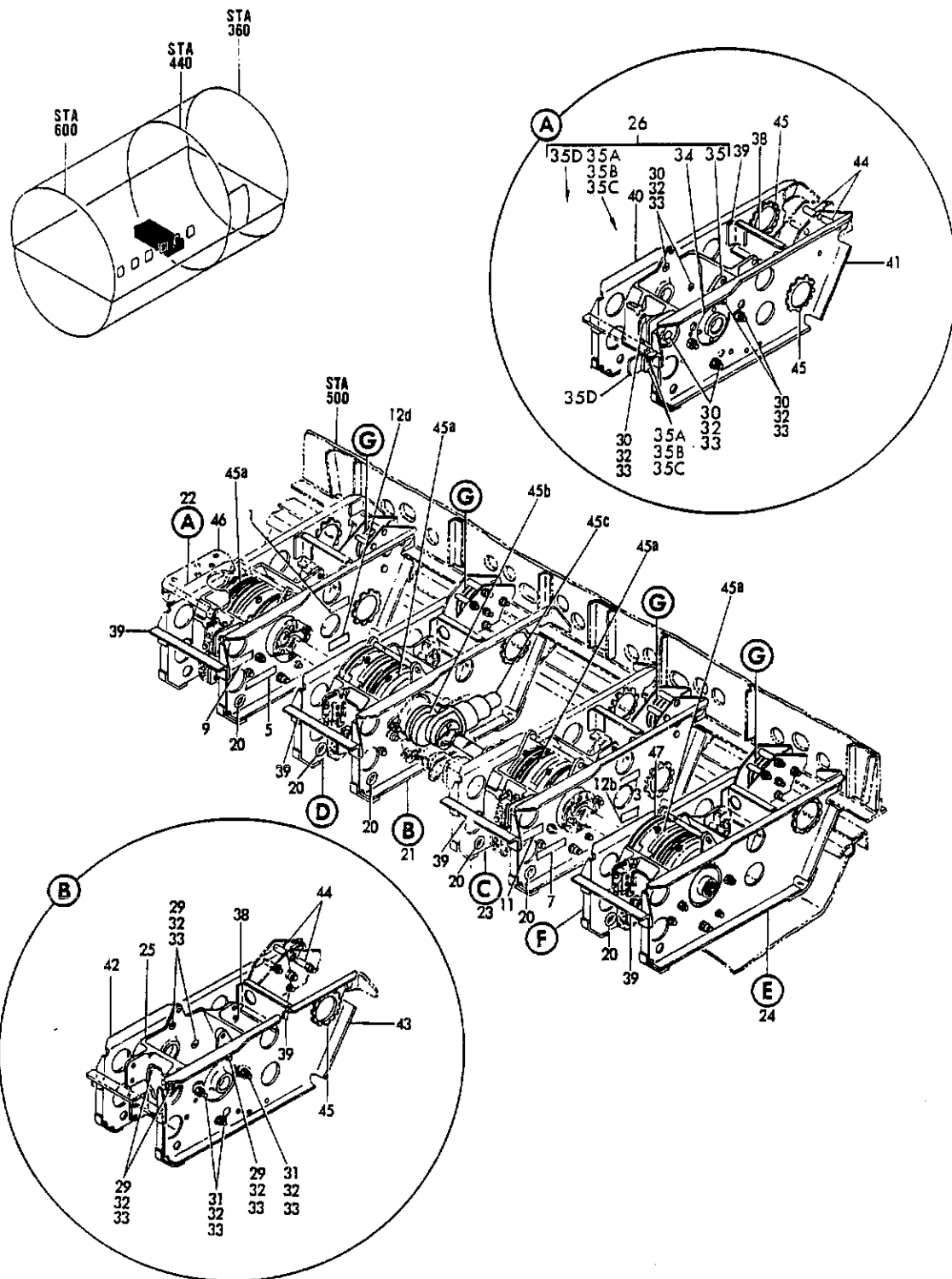


FIGURE 5. BRACKET INSTL, AUTOMATIC THROTTLE SYSTEM CLUTCH SUPPORT (SHEET 1)

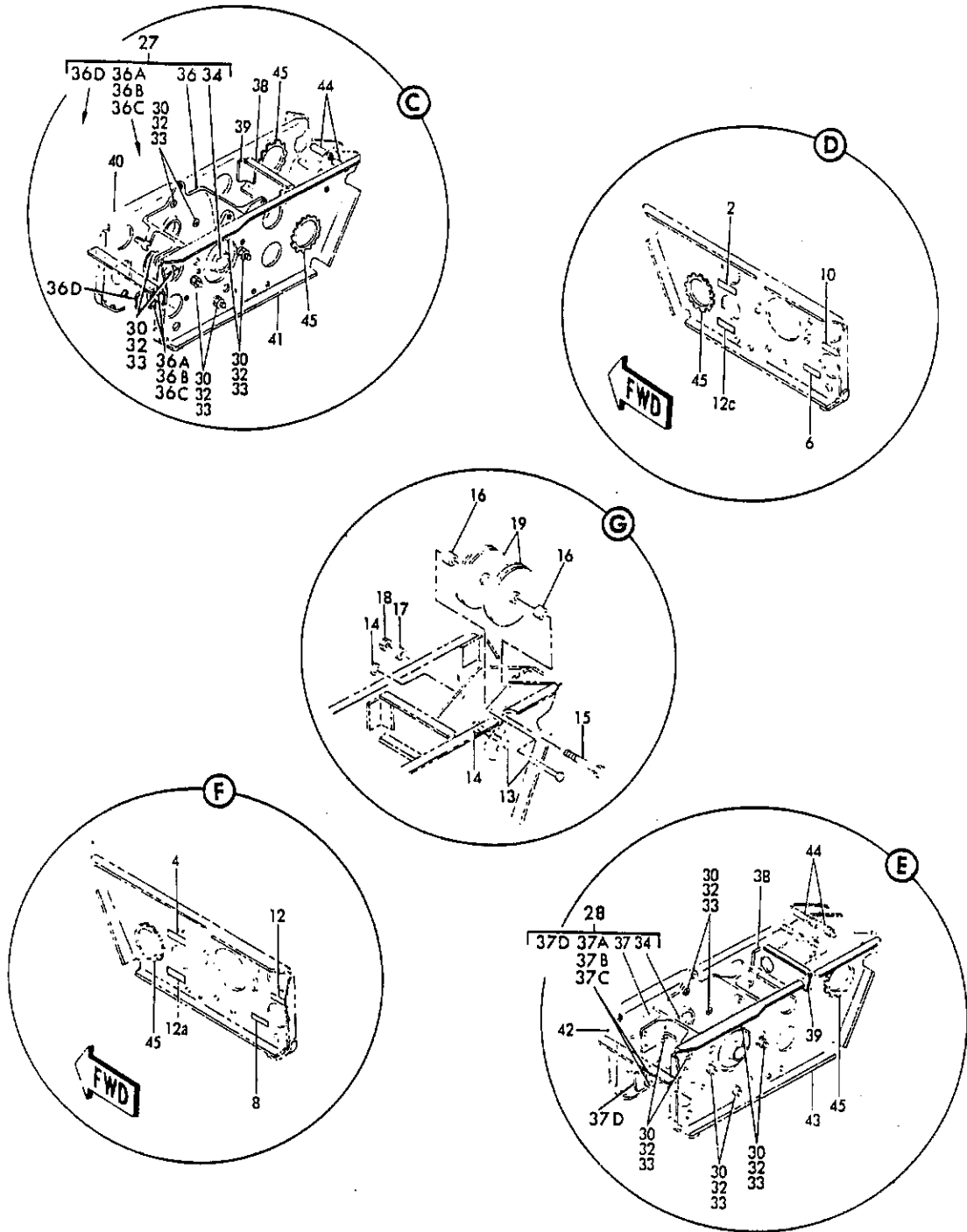


FIGURE 5. BRACKET INSTL, AUTOMATIC THROTTLE SYSTEM CLUTCH SUPPORT (SHEET 2)

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FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE	EFF FROM TO	UNITS PER ASSY
5	65-43774-4	BRACKET INSTL, AUTOMATIC THROTTLE SYSTEM CLUTCH SUPPORT (SEE 76-2, FIG. 31A, ITEM 91)	0150	RF
1	BACM10E2BF	. MARKER-ALUMINUM FOIL, FLIGHT IDLE STOP ENGINE NO. 1 .	0150	1
2	BACM10E2BG	. MARKER-ALUMINUM FOIL, FLIGHT IDLE STOP ENGINE NO. 2 .	0150	1
3	BACM10E2BH	. MARKER-ALUMINUM FOIL, FLIGHT IDLE STOP ENGINE NO. 3 .	0150	1
4	BACM10E2GB	. MARKER-ALUMINUM FOIL, FLIGHT IDLE STOP ENGINE NO. 4 .	0150	1
5	BACM10S3ACC	. MARKER-ALUMINUM FOIL, HIGH THROTTLE LIMIT SWITCH. . .	0150	1
6	BACM10S3ZP	THROTTLE SYSTEM-ENGINE NO. 1		
7	BACM10S30-3RJ	. MARKER-ALUMINUM FOIL, SWITCH.	0150	1
8	BACM10S3ACD	. MARKER-ALUMINUM FOIL, FLAP AND SPEED BRAKE WARNING. .	0150	1
9	BACM10S30-3RA	SWITCH THROTTLE SYSTEM-ENGINE NO. 3		
10	BACM10S30-3RB	. MARKER-ALUMINUM FOIL, HIGH THROTTLE LIMIT SWITCH. . .	0150	1
11	BACM10S30-3RC	THROTTLE SYSTEM-ENGINE NO. 4		
12	BACM10S30-3RD	. MARKER-ALUMINUM FOIL, LANDING GEAR WARNING SWITCH . .	0150	1
13	MS20392-2C55	THROTTLE SYSTEM-ENGINE NO. 1		
14	AN960D10	. MARKER-ALUMINUM FOIL, LANDING GEAR WARNING SWITCH . .	0150	1
15	NAS1104-26D	THROTTLE SYSTEM-ENGINE NO. 2		
16	NAS43DD4-20	. MARKER-ALUMINUM FOIL, LANDING GEAR WARNING SWITCH . .	0150	1
17	AN960D416	THROTTLE SYSTEM-ENGINE NO. 3		
18	AN320-4	. MARKER-ALUMINUM FOIL, LANDING GEAR WARNING SWITCH . .	0150	1
19	MS20219-4	THROTTLE SYSTEM-ENGINE NO. 4		
20	NAS557-12A	. PIN	0150	8
21	65-43774-22	. WASHER.	0150	8
22	65-43774-21	. BOLT.	0150	4
23	65-43774-23	. SPACER.	0150	8
24	65-43774-24	. WASHER.	0150	4
		. NUT	0150	4
		. PULLEY.	0150	8
		. GROMMET	0150	6
		. BRACKET ASSY.	0150	1
		. BRACKET ASSY.	0150	1
		. BRACKET ASSY.	0150	1
		. BRACKET ASSY.	0150	1
		ATTACHING PARTS		
		. RIVET	0150	32
		. BOLT.	0150	8
		. COLLAR.	0150	8
25	65-43413-8	. . . SUPPORT, AUTOMATIC THROTTLE SYSTEM CLUTCH (USED ON 65-43774-12, -16, -22 AND -32)	0150	1
26	65-43413-1	. . . SUPPORT ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH. . .	0150	1
26	65-43413-14	(USED ON 65-43774-11, -15, -21 AND -31) (OPTIONAL TO 65-43413-14)		
27	65-43413-7	. . . SUPPORT ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH. . .	0150	1
27	65-43413-14	(USED ON 65-43774-11, -15, -21, -31) (OPTIONAL 65-43413-1)		
28	65-43413-3	. . . SUPPORT ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH. . .	0150	1
28	65-43413-22	(USED ON 65-43774-13, -17, -23 AND -33) (OPTIONAL TO 65-43413-14)		
29	BACB30FL4-4	. . . SUPPORT ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH. . .	0150	1
30	BACB30FL4-4	(USED ON 65-43774-14, -18, -24 AND -34) (OPTIONAL 65-43413-7)		
31	BACB30FL4-6	. . . SUPPORT ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH. . .	0150	1
32	AN960D416	(USED ON 65-43774-13, -17, -23, -33) (OPTIONAL TO 65-43413-22)		
33	NAS679A4W	. . . SUPPORT ASSY, AUTOMATIC THROTTLE SYSTEM CLUTCH. . .	0150	1
34	BACB10A35DD	(USED ON 65-43774-14, -18, -24, -34) (OPTIONAL 65-43413-3)		
34	BACB10A35DDH	ATTACHING PARTS		
35	65-43413-4	. . . BOLT, (USED ON 65-43774-12, -16, -22 AND -32) . . .	0150	5
		. . . BOLT, (USED ON 65-43774-11, -13, -14, -15, -17, . .	0150	8
		-18, -21, -23, -24, -31, -33, -34, -43)		
		. . . BOLT, (USED ON 65-43774-12, -16, -22 AND -32) . . .	0150	3
		. . . WASHER.	0150	8
		. . . NUT	0150	8
		-----*		
		. . . BEARING, (USED ON 65-43413-1, -3, -7, -14, -22, .	0150	1
		-45) (OPTIONAL BACB10A35DDH)		
		. . . BEARING, (USED ON 65-43413-1, -3, -7, -14, -22, .	0150	1
		-45) (OPTIONAL TO BACB10A35DD)		
		. . . SUPPORT, AUTOMATIC THROTTLE SYSTEM CLUTCH (USED ON 65-43413-1)	0150	1

MISSING ITEM NUMBERS ARE NOT APPLICABLE

PARTS CATALOG

FIGURE & ITEM NO.	MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
		1	2	3	4	5	6	7		
R 5	35	65-43413-15	. . .	SUPPORT, (USED ON 65-43413-14).					0150	1
R	35A	BAC830LU06-4	. . .	BOLT, (USED ON 65-43413-14).					0150	2
R	35B	AN960PD6	. . .	WASHER, (USED ON 65-43413-14).					0150	2
R	35C	BACN10JC06	. . .	NUT, (USED ON 65-43413-14).					0150	2
R	35D	69-62287-1	. . .	SUPPORT, SWITCH (USED ON 65-43413-14).					0150	1
R	36	65-43413-9	. . .	SUPPORT, AUTOMATIC THROTTLE SYSTEM CLUTCH (USED ON 65-43413-7)					0150	1
R	36	65-43413-15	. . .	SUPPORT, (USED ON 65-43413-14).					0150	1
R	36A	BAC830LU06-4	. . .	BOLT, (USED ON 65-43413-14).					0150	2
R	36B	AN960PD6	. . .	WASHER, (USED ON 65-43413-14).					0150	2
R	36C	BACN10JC06	. . .	NUT, (USED ON 65-43413-14).					0150	2
R	36D	69-62287-1	. . .	SUPPORT, SWITCH (USED ON 65-43413-14).					0150	1
R	37	65-43413-5	. . .	SUPPORT, AUTOMATIC THROTTLE SYSTEM CLUTCH (USED ON 65-43413-3)					0150	1
R	37	65-43413-13	. . .	SUPPORT, (USED ON 65-43413-22).					0150	1
R	37A	BAC830LU06-4	. . .	BOLT, (USED ON 65-43413-22).					0150	2
R	37B	AN960PD6	. . .	WASHER, (USED ON 65-43413-22).					0150	2
R	37C	BACN10JC06	. . .	NUT, (USED ON 65-43413-22).					0150	2
R	37D	69-62287-1	. . .	SUPPORT, SWITCH (USED ON 65-43413-22).					0150	1
R	38	69-33184-7	. . .	SUPPORT, (USED ON 65-43774-16, -18, -22, -24, -32 AND -34)					0150	1
R	38	69-33184-8	. . .	SUPPORT, (USED ON 65-43774-15, -17, -21, -23, -31, -33, -43)					0150	1
R		MS20470D5	. . .	ATTACHING PARTS RIVET					0150	7
R	39	65-44396-10	. . .	SUPPORT, AUTOMATIC THROTTLE SYSTEM CLUTCH					0150	1
R		MS20470D5	. . .	ATTACHMENT ATTACHING PARTS RIVET					0150	2
R	40	65-41134-37	. . .	BRACKET ASSY, (USED ON 65-43774-21, -23, -43)					0150	1
R	41	65-41134-38	. . .	BRACKET ASSY, (USED ON 65-43774-21 AND -23)					0150	1
R	42	65-41134-35	. . .	BRACKET ASSY, (USED ON 65-43774-22 AND -24)					0150	1
R	43	65-41134-36	. . .	BRACKET ASSY, (USED ON 65-43774-22 AND -24)					0150	1
R		MS20470D6	. . .	ATTACHING PARTS RIVET					0150	16
R	44	NAS42DD6A96	. . .	SPACER.					0150	2
R		NAS623-3-26	. . .	ATTACHING PARTS SCREW					0150	2
R		AN960D10	. . .	WASHER.					0150	2
R		NAS679A3W	. . .	NUT					0150	2
R	45	BACG20ZA725	. . .	GROMMET					0150	2
R	46		. . .	SWITCH INSTL, STATION 400 TO 420 THROTTLE OPERATED. (FOR REF SEE 32-10, FIG. 12)					0150	RF
R	47		. . .	MECHANISM INSTL, AUTOMATIC THROTTLE SYSTEM CLUTCH . . . (FOR REF SEE FIG. 3)					0150	RF
MISSING ITEM NUMBERS ARE NOT APPLICABLE										

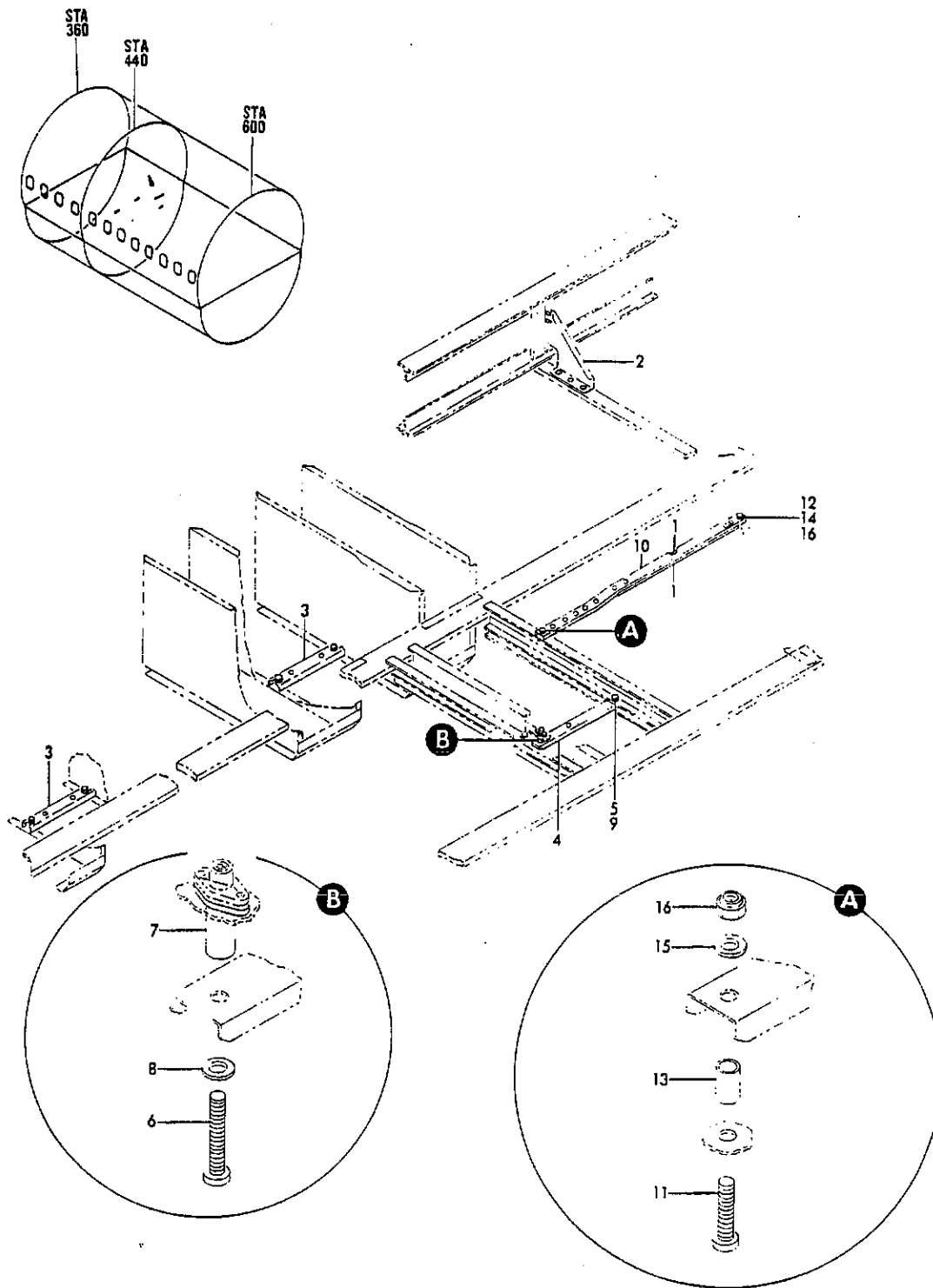


FIGURE 5A. BRACKET INSTL, STATION 400 TO 440 AUTOMATIC THROTTLE WIRE SUPPORT

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FIGURE & ITEM NO.		MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
			1	2	3	4	5	6	7		
R R R R R	5A	65-49252-1	BRACKET INSTL, STATION 400 TO 440 AUTOMATIC THROTTLE. .							0150	RF
			WIRE SUPPORT (SEE 24-3, FIG. 2, ITEM 129)								
	2	66-23479-1	. GUSSET, STATION 400 SUPPORT							0150	1
		NAS603-5P	ATTACHING PARTS								
		NAS603-6P	. SCREW							0150	3
		NAS679A3W	. SCREW							0150	2
			. NUT							0150	5
			-----*								
MISSING ITEM NUMBERS ARE NOT APPLICABLE											

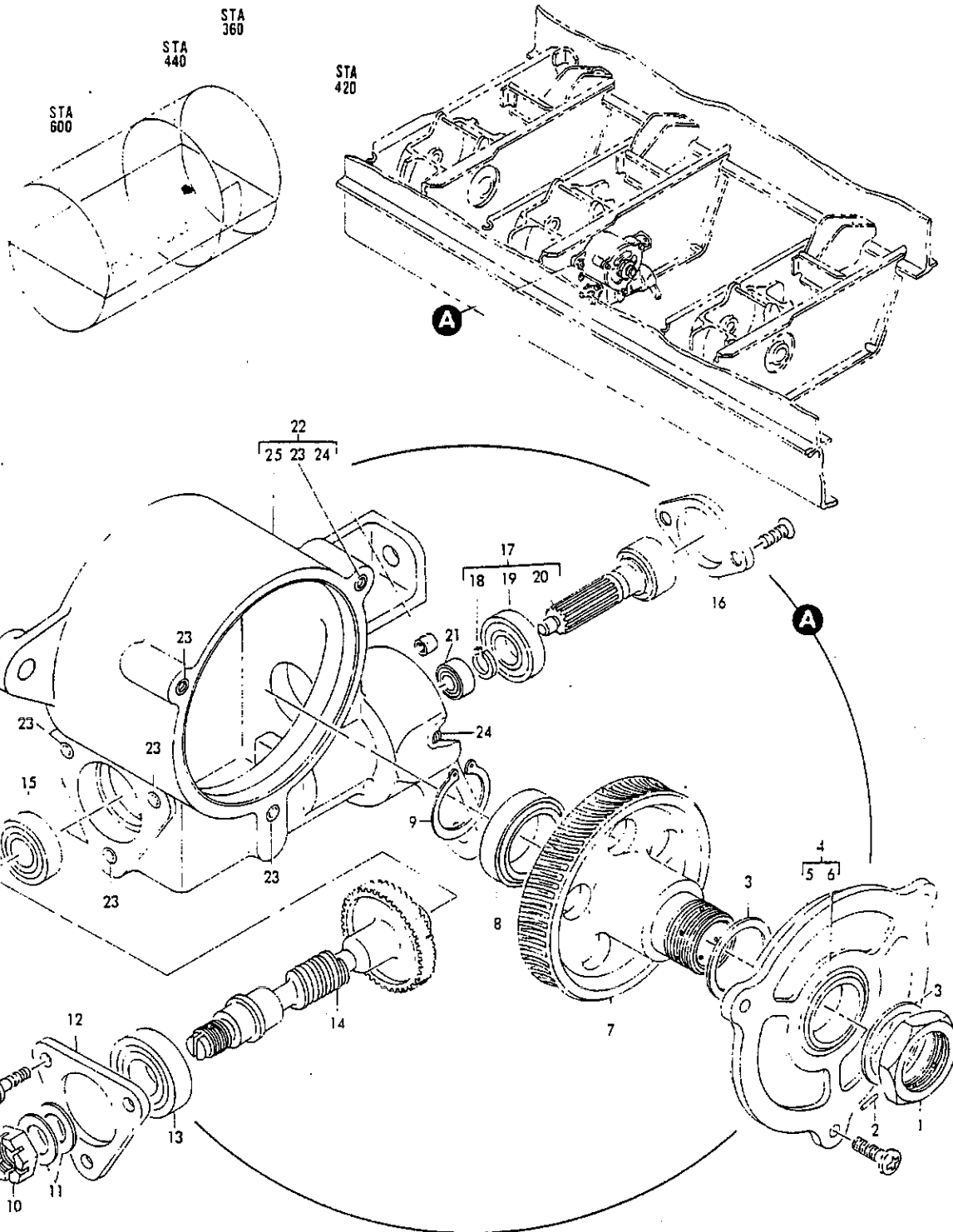


FIGURE 12. GEAR BOX ASSY, ENGINE CONTROL AUTOMATIC THROTTLE SYSTEM



PARTS CATALOG

FIGURE & ITEM NO.		MANUFACTURER'S PART NUMBER	NOMENCLATURE							EFF FROM TO	UNITS PER ASSY
			1	2	3	4	5	6	7		
R	12	65-42163-1	GEAR BOX ASSY, ENGINE CONTROL AUTOMATIC THROTTLE SYSTEM (SEE FIG. 3, ITEM 36)							0150	RF
R											
R	1	66-22132-1	. NUT							0150	1
R	2	MS16562-1	. PIN							0150	1
R	3	66-21146-1	. SHIM.							0150	2
R	4	65-42139-1	. COVER ASSY, END							0150	1
R											
R		NAS603-B	. BOLT.							0150	3
R		AN960PD10L	. WASHER.							0150	3
R			-----*								
R	5	65-42139-2	. . COVER, END.							0150	1
R	6	MB540ZZ	. . BEARING, (V38443)							0150	1
R	7	65-42662-1	. GEAR, WORM.							0150	1
R	8	MB540ZZ	. BEARING, (V38443)							0150	1
R	9	MS16624-1087	. RING.							0150	1
R	10	MS17826-6	. NUT							0150	1
R	11	AN960-616	. WASHER.							0150	2
R	12	66-21140-1	. CAP, END.							0150	1
R											
R		NAS603-B	. BOLT.							0150	3
R		AN960PD10L	. WASHER.							0150	3
R			-----*								
R	13	R8ZZ	. BEARING, (V38443)							0150	1
R	14	65-40518-1	. GEAR, WORM AND SPUR							0150	1
R	15	BAC810A516	. BEARING							0150	1
R	16	66-21233-1	. RETAINER, BEARING							0150	1
R											
R		NAS517-2-0	. ATTACHING PARTS SCREW							0150	2
R			-----*								
R	17	65-42163-2	. SHAFT ASSY.							0150	1
R	18	BACR12Y69	. RING.							0150	1
R	19	BAC810A516	. BEARING							0150	1
R	20	69-31995-1	. SHAFT, INPUT.							0150	1
R	21	R3ZZ	. BEARING, (V38443)							0150	1
R	22	65-40519-1	. HOUSING ASSY, GEAR.							0150	1
R	23	BACS13W3CN4	. SLEEVE.							0150	6
R	24	BACS13W2CN3	. SLEEVE.							0150	2
R	25	65-40519-2	. HOUSING							0150	1
MISSING ITEM NUMBERS ARE NOT APPLICABLE											

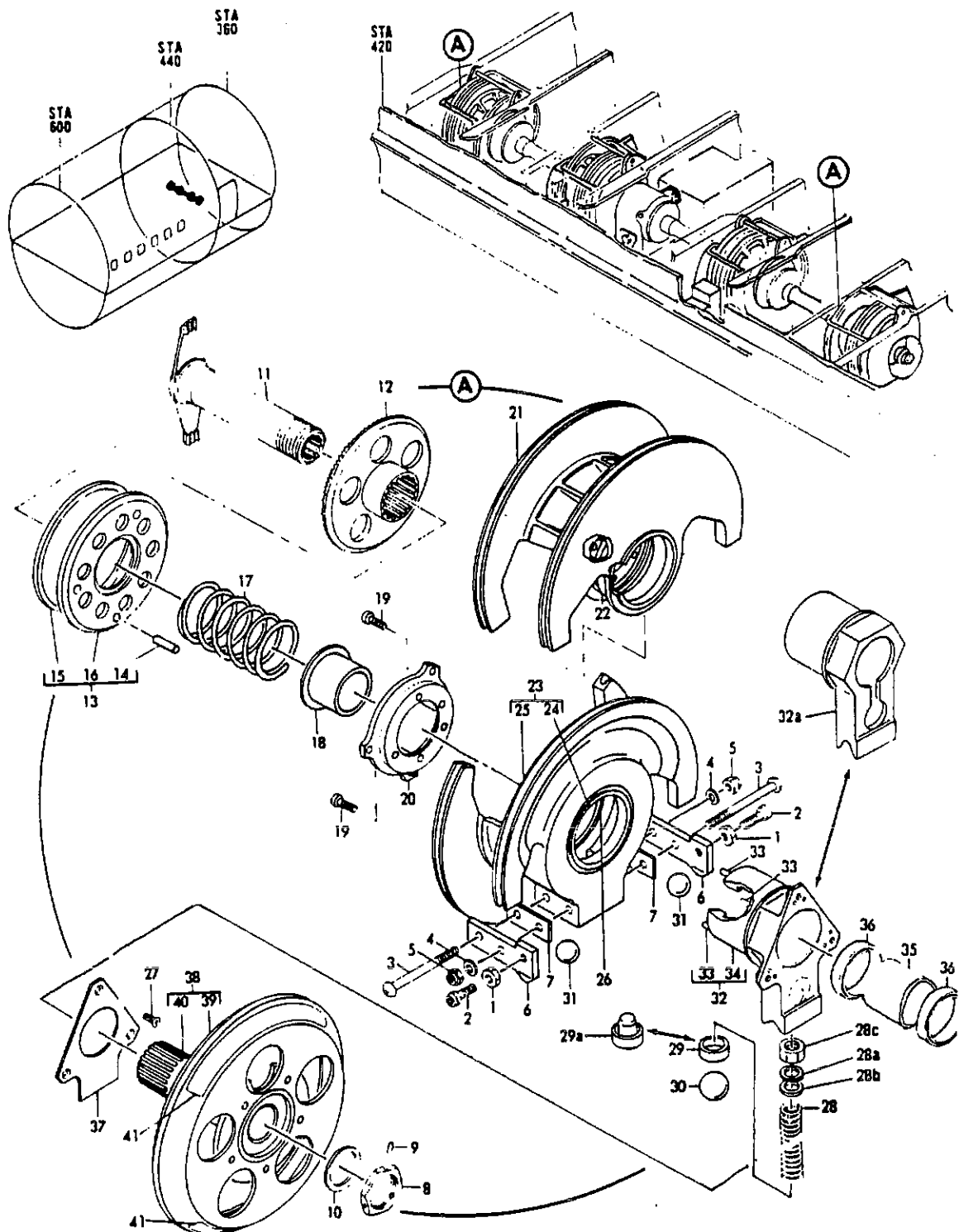


FIGURE 13. CLUTCH ASSY, ENGINE CONTROL AUTOMATIC THROTTLE

MISSING ITEM NUMBERS ARE NOT APPLICABLE