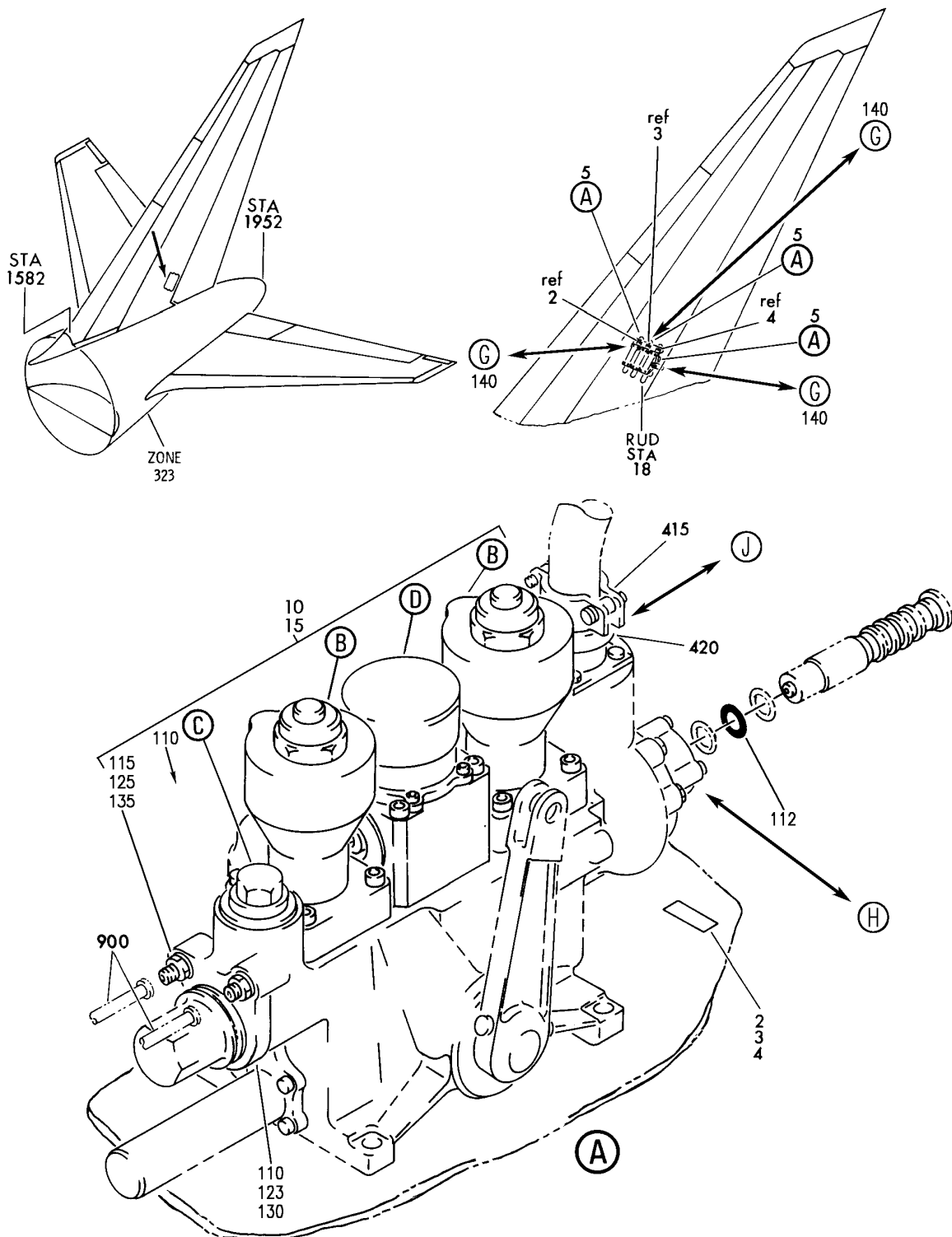


AUTOPILOT/FLIGHT DIRECTOR ROLL AND YAW CHANNEL

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V 22130101 SHT 1 REV 335

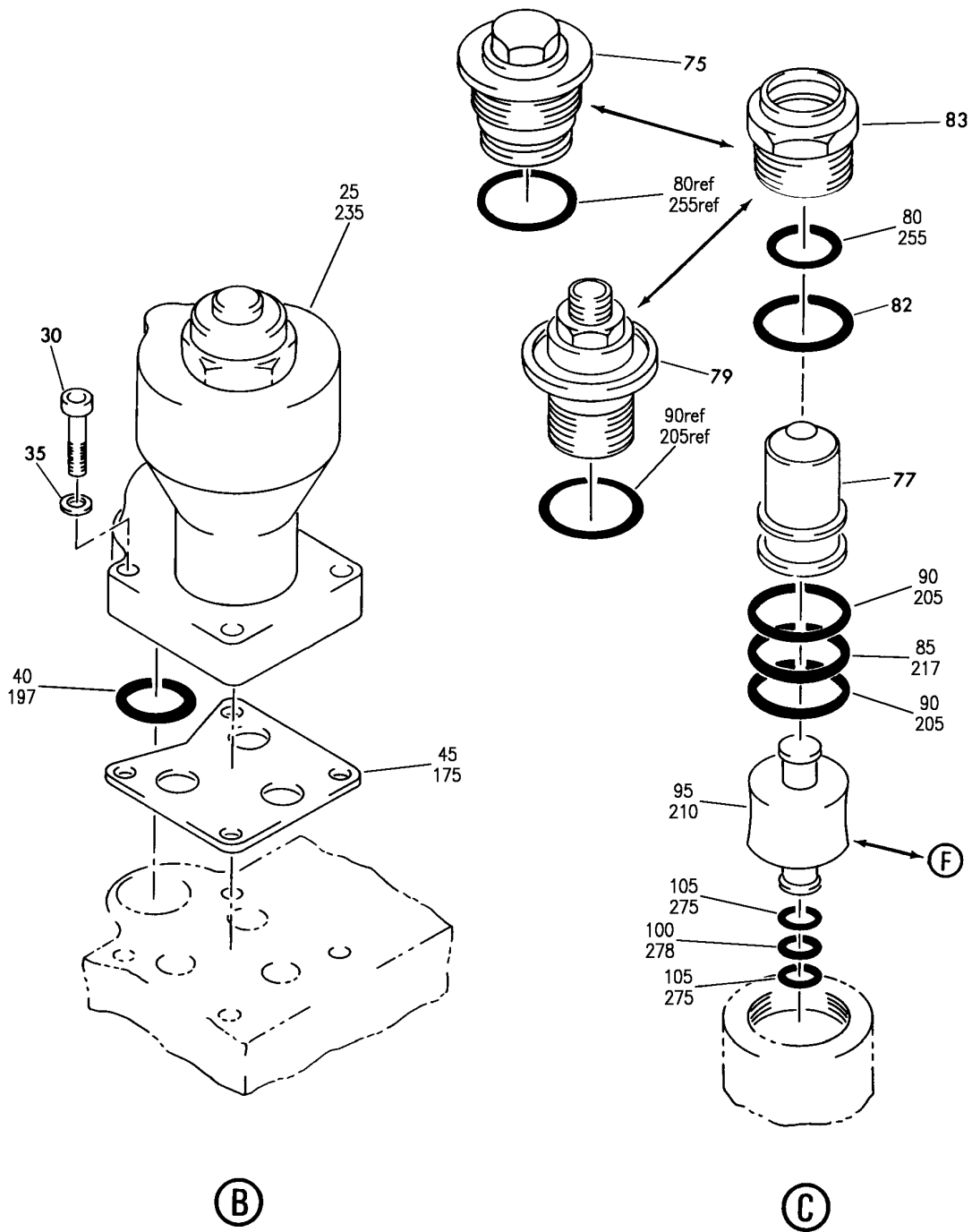
SERVO INSTL-RUD CONT AUTOPILOT
FIGURE 1 (SHEET 1)

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V 22130101 SHT 2 REV 329

SERVO INSTL-RUD CONT AUTOPILOT
FIGURE 1 (SHEET 2)

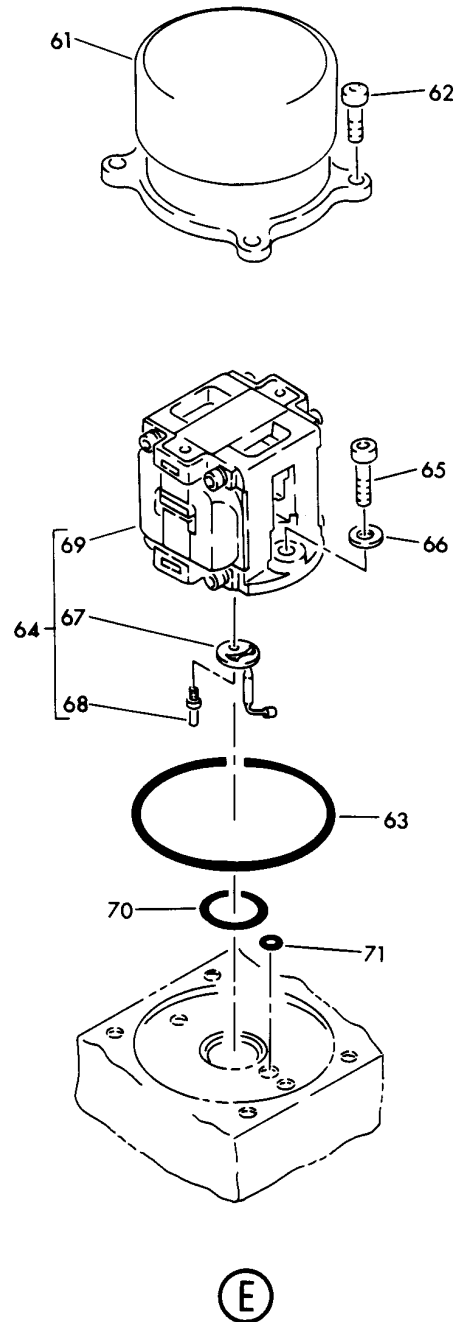
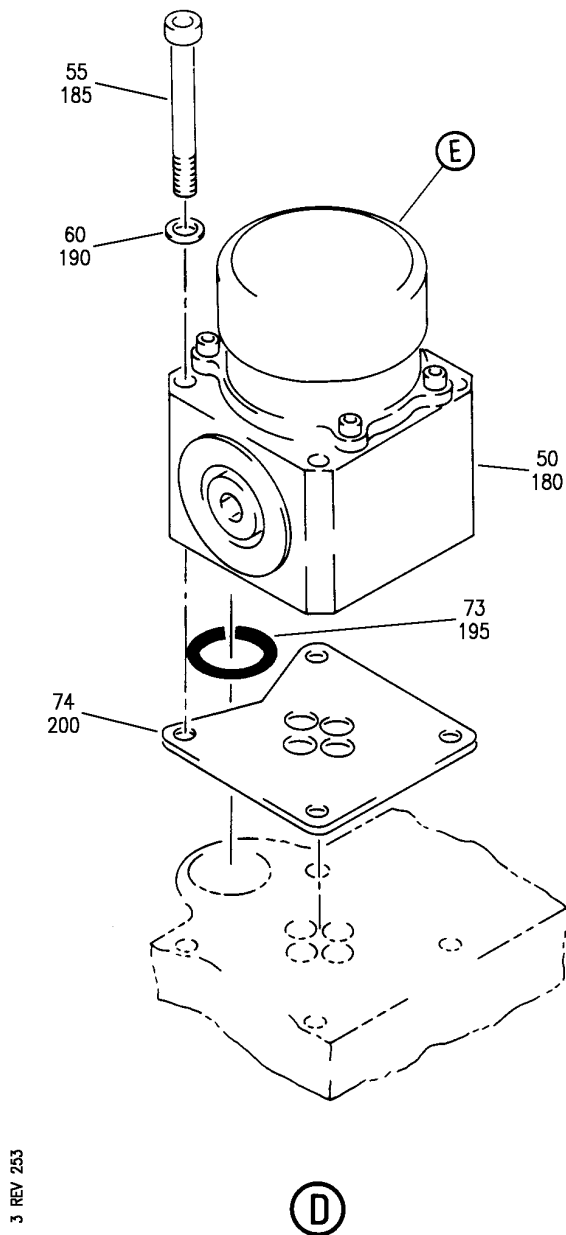
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V 22130101 SHT 3 REV 253

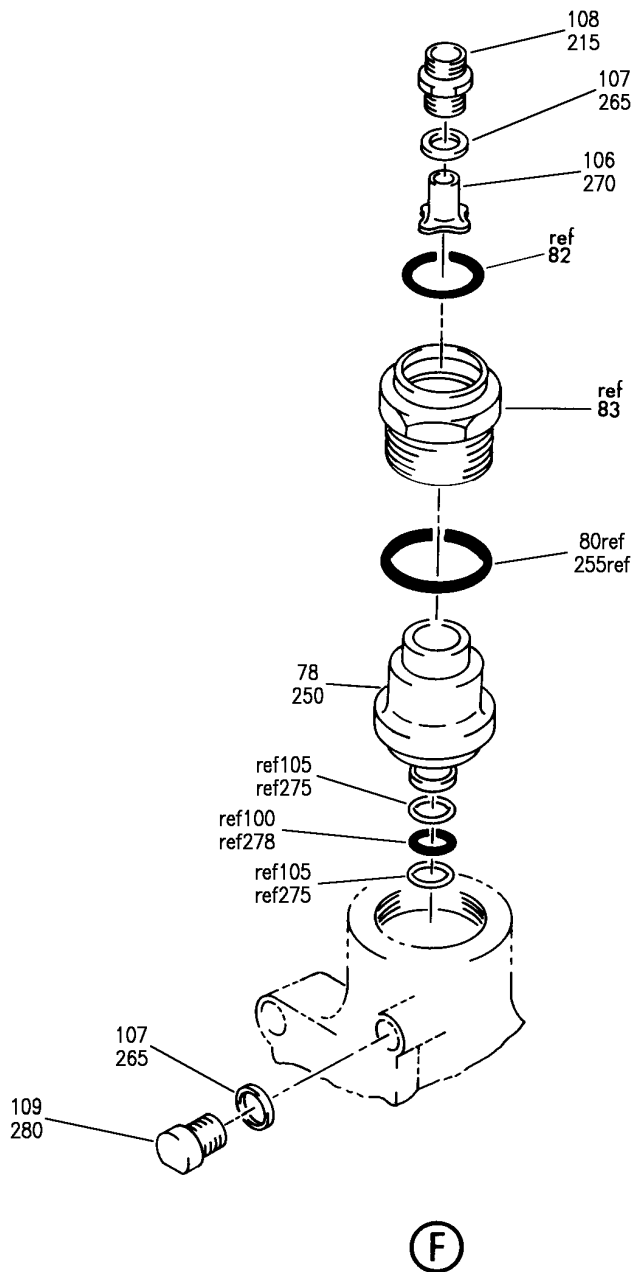
SERVO INSTL-RUD CONT AUTOPILOT
FIGURE 1 (SHEET 3)

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V 22130101 SHT 4 REV 329

SERVO INSTL-RUD CONT AUTOPILOT
FIGURE 1 (SHEET 4)

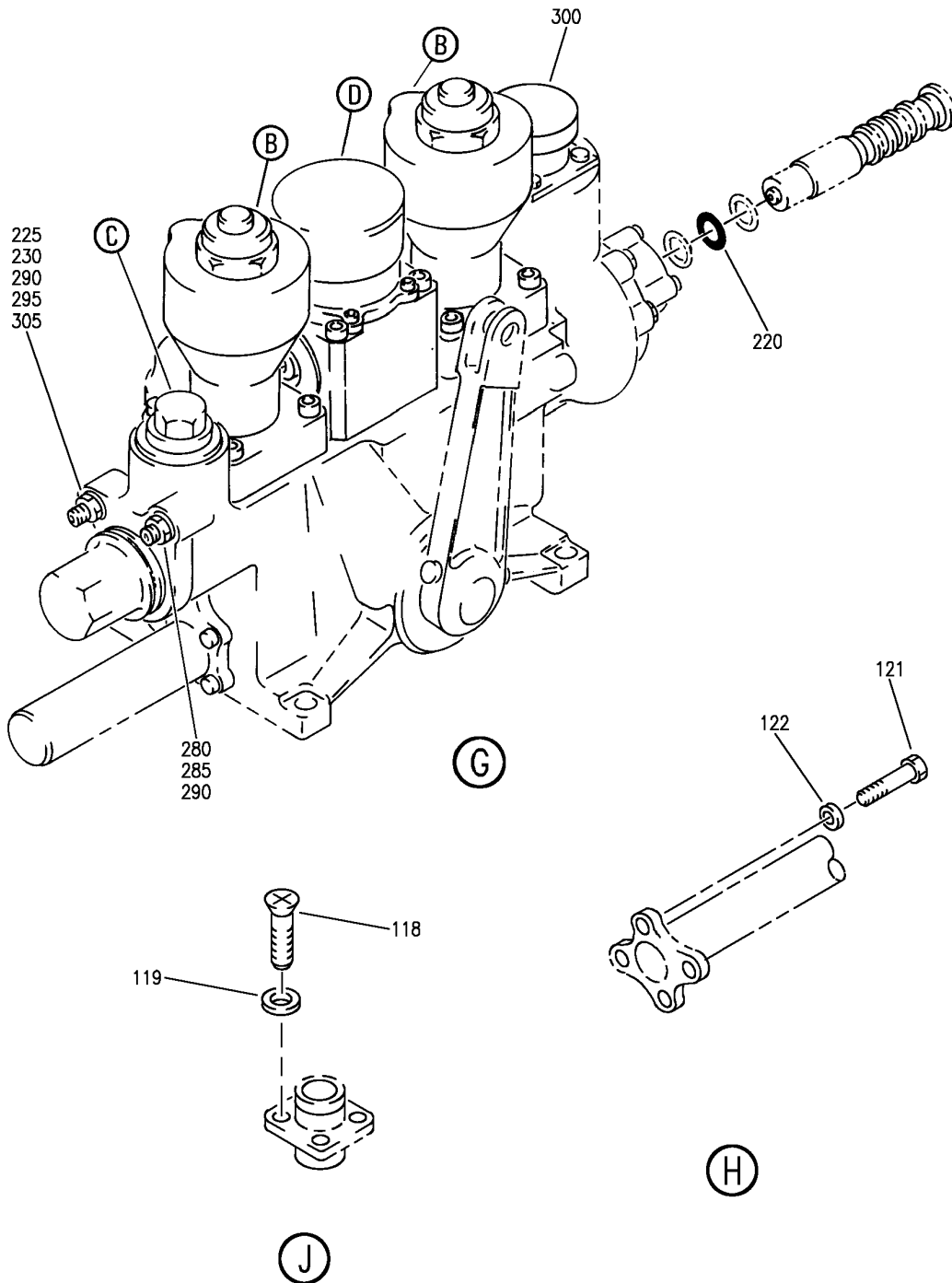
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SERVO INSTL-RUD CONT AUTOPILOT
FIGURE 1 (SHEET 5)

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1			SERVO INSTL-RUD CONT AUTOPILOT		
- 1	251T3100-1		SERVO INSTL-RUD CONT AUTOPILOT VARIABLE DRAWING REF: 251T3100-5005 FOR NHA SEE: 27-21-57-01		RF
	2 BAC27TCT0229		.MARKER-ALUMINUM FOIL PLACARD CONTENT: M277		1
	3 BAC27TCT0230		.MARKER-ALUMINUM FOIL PLACARD CONTENT: M278		1
	4 BAC27TCT0231		.MARKER-ALUMINUM FOIL PLACARD CONTENT: M279		1
	5 251T3100-4		.SERVO ASSY- OPTIONAL PART: 251T3100-11		3
	5 251T3100-11		.SERVO ASSY- OPTIONAL PART: 251T3100-4		3
- 7	BACB30NF4-9		ATTACHING PARTS		12
- 8	AN960PD416L		.BOLT- .WASHER- -----*-----		12
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

- ITEM NOT ILLUSTRATED

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 10	A28320-6		..SERVO ASSY-RUD CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-4 ELECTRICAL EQUIP NUMBER: M00277 M00278 M00279 COMPONENT MAINT MANUAL REF: 22-10-01 QUALIFIED I/W DATA: S252T703-1(A28320-1), S252T703-2(A28320-2/-3), OR S252T703-3 (A28320-4/-5) INTERCHANGEABLE WITH S252T703-4(A28320-6/-8), S252T703-5(A28320-7/-9), S252T703-6(A28320-10), S252T703-7(A28320-12), S252T703-8(A28320-11/ -13), S252T703-9(A28320 -14) OR S252T703-10 (A28320-15) WITH THE INCORPORATION OF SB 767-22-0027 OPTIONAL PART: A28320-8 V64697 USED ON: 251T3100-9		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

— ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 10	A28320-7		..SERVO ASSY-RUD CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-5 ELECTRICAL EQUIP NUMBER: M00277 M00278 M00279 COMPONENT MAINT MANUAL REF: 22-10-01 QUALIFIED I/W DATA: S252T703-1(A28320-1), S252T703-2(A28320-2/-3), OR S252T703-3 (A28320-4/-5) INTERCHANGEABLE WITH S252T703-4(A28320-6/-8), S252T703-5(A28320-7/-9), S252T703-6(A28320-10), S252T703-7(A28320-12), S252T703-8(A28320-11/ -13), S252T703-9(A28320 -14) OR S252T703-10 (A28320-15) WITH THE INCORPORATION OF SB 767-22-0027 OPTIONAL PART: A28320-9 V94697 USED ON: 251T3100-4		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

— ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 10	A28320-8		..SERVO ASSY-RUD CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-4 ELECTRICAL EQUIP NUMBER: M00277 M00278 M00279 COMPONENT MAINT MANUAL REF: 22-10-01 QUALIFIED I/W DATA: S252T703-1(A28320-1), S252T703-2(A28320-2/-3), OR S252T703-3 (A28320-4/-5) INTERCHANGEABLE WITH S252T703-4(A28320-6/-8), S252T703-5(A28320-7/-9), S252T703-6(A28320-10), S252T703-7(A28320-12), S252T703-8(A28320-11/ -13), S252T703-9(A28320 -14) OR S252T703-10 (A28320-15) WITH THE INCORPORATION OF SB 767-22-0027 OPTIONAL PART: A28320-6 V94697 USED ON: 251T3100-9		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 10	A28320-9		..SERVO ASSY-RUD CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-5 ELECTRICAL EQUIP NUMBER: M00277 M00278 M00279 COMPONENT MAINT MANUAL REF: 22-10-01 QUALIFIED I/W DATA: S252T703-1(A28320-1), S252T703-2(A28320-2/-3), OR S252T703-3 (A28320-4/-5) INTERCHANGEABLE WITH S252T703-4(A28320-6/-8), S252T703-5(A28320-7/-9), S252T703-6(A28320-10), S252T703-7(A28320-12), S252T703-8(A28320-11/ -13), S252T703-9(A28320 -14) OR S252T703-10 (A28320-15) WITH THE INCORPORATION OF SB 767-22-0027 OPTIONAL PART: A28320-7 V94697 USED ON: 251T3100-4		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 10	A28320-10		..SERVO ASSY-RUD CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-6 ELECTRICAL EQUIP NUMBER: M00277 M00278 M00279 COMPONENT MAINT MANUAL REF: 22-10-01 QUALIFIED I/W DATA: S252T703-1(A28320-1), S252T703-2(A28320-2/-3), OR S252T703-3 (A28320-4/-5) INTERCHANGEABLE WITH S252T703-4(A28320-6/-8), S252T703-5(A28320-7/-9), S252T703-6(A28320-10), S252T703-7(A28320-12), S252T703-8(A28320-11/ -13), S252T703-9(A28320 -14) OR S252T703-10 (A28320-15) WITH THE INCORPORATION OF SB 767-22-0027		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 10	A28320-11		..SERVO ASSY-RUD CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-8 ELECTRICAL EQUIP NUMBER: M00277 M00278 M00279 COMPONENT MAINT MANUAL REF: 22-10-01 QUALIFIED I/W DATA: S252T703-1(A28320-1), S252T703-2(A28320-2/-3), OR S252T703-3 (A28320-4/-5) INTERCHANGEABLE WITH S252T703-4(A28320-6/-8), S252T703-5(A28320-7/-9), S252T703-6(A28320-10), S252T703-7(A28320-12), S252T703-8(A28320-11/ -13), S252T703-9(A28320 -14) OR S252T703-10 (A28320-15) WITH THE INCORPORATION OF SB 767-22-0027 OPTIONAL PART: A28320-13 V94697		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 10	A28320-12		..SERVO ASSY-RUD CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-7 ELECTRICAL EQUIP NUMBER: M00277 M00278 M00279 COMPONENT MAINT MANUAL REF: 22-10-01 QUALIFIED I/W DATA: S252T703-1(A28320-1), S252T703-2(A28320-2/-3), OR S252T703-3 (A28320-4/-5) INTERCHANGEABLE WITH S252T703-4(A28320-6/-8), S252T703-5(A28320-7/-9), S252T703-6(A28320-10), S252T703-7(A28320-12), S252T703-8(A28320-11/ -13), S252T703-9(A28320 -14) OR S252T703-10 (A28320-15) WITH THE INCORPORATION OF SB 767-22-0027 OPTIONAL PART: A28320-14 V94697		1
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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 10	A28320-13		..SERVO ASSY-RUD CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-8 ELECTRICAL EQUIP NUMBER: M00277 M00278 M00279 COMPONENT MAINT MANUAL REF: 22-10-01 QUALIFIED I/W DATA: S252T703-1(A28320-1), S252T703-2(A28320-2/-3), OR S252T703-3 (A28320-4/-5) INTERCHANGEABLE WITH S252T703-4(A28320-6/-8), S252T703-5(A28320-7/-9), S252T703-6(A28320-10), S252T703-7(A28320-12), S252T703-8(A28320-11/ -13), S252T703-9(A28320 -14) OR S252T703-10 (A28320-15) WITH THE INCORPORATION OF SB 767-22-0027 OPTIONAL PART: A28320-11 V94697 OPTIONAL PART: A28320-15 V94697		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
15	A28320-14		..SERVO ASSY-AUTOPILOT RUDDER CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-9 COMPONENT MAINT MANUAL REF: 22-10-01 QUALIFIED I/W DATA: S252T703-1(A28320-1), S252T703-2(A28320-2/-3), OR S252T703-3((A28320-4/-5) INTERCHANGEABLE WITH S252T703-9(A28320-14) WITH THE INCORPORATION OF SB 767-22-0027		1
15	A28320-15		..SERVO ASSY- SUPPLIER CODE: V94697 FUNCTIONAL DESCRIPTION: PROVIDES RUDDER CONTROL IN RESPONSE TO AUTOPILOT ELECTRICAL INPUTS SPECIFICATION NUMBER: S252T703-10 COMPONENT MAINT MANUAL REF: 22-10-01 QUALIFIED I/W DATA: S252T703-1(A28320-1), S252T703-2(A28320-2/-3), OR S252T703-3 (A28320-4/-5) INTERCHANGEABLE WITH S252T703-4(A28320-6/-8), S252T703-5(A28320-7/-9), S252T703-6(A28320-10), S252T703-7(A28320-12), S252T703-8(A28320-11/ -13), S252T703-9(A28320 -14) OR S252T703-10 (A28320-15) WITH THE INCORPORATION OF SB 767-22-0027		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
15	A28320-6		..SERVO ASSY-RUD CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-4 COMPONENT MAINT MANUAL REF: 22-10-01 OPTIONAL PART: A28320-8 V64697		RF
15	A28320-7		..SERVO ASSY-RUD CONT SUPPLIER CODE: V94697 SPECIFICATION NUMBER: S252T703-5 COMPONENT MAINT MANUAL REF: 22-10-01 OPTIONAL PART: A28320-9 V94697		RF
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 25	59600-5011		...VALVE ASSY-SOL. SUPPLIER CODE: V92003 FUNCTIONAL DESCRIPTION: ELECTRICALLY OPERATED VALVE PROVIDES HYDRAULIC PRESSURE SPECIFICATION NUMBER: 10-60811-9 CONFIG CHG DATA FROM A CMM: MOOG PART NO. A53033 COMPONENT MAINT MANUAL REF: 29-10-02 OPTIONAL PART: 45080-1 V99643 881600-1001 V92003 USED ON: A28320-14 A28320-15 USED ON: A28320-2 A28320-3 A28320-4 A28320-5 A28320-6 A28320-7 A28320-8 A28320-9 A28320-10 A28320-11 A28320-12 A28320-13		2
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 25	45080-1		...VALVE ASSY-SOL. SUPPLIER CODE: V99643 FUNCTIONAL DESCRIPTION: ELECTRICALLY OPERATED VALVE PROVIDES HYDRAULIC PRESSURE SPECIFICATION NUMBER: 10-60811-8 CONFIG CHG DATA FROM A CMM: MOOG PART NO. A53033 COMPONENT MAINT MANUAL REF: 29-09-05 OPTIONAL PART: 881600-1001 V92003 59600-5011 V92003 USED ON: A28320-2 A28320-3 A28320-4 A28320-5 A28320-6 A28320-7 A28320-8 A28320-9 A28320-10 A28320-11 A28320-12 A28320-13 A28320-14 A28320-15		2
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 25	881600-1001	...VALVE ASSY-SOL. SUPPLIER CODE: V92003 FUNCTIONAL DESCRIPTION: ELECTRICALLY OPERATED VALVE PROVIDES HYDRAULIC PRESSURE SPECIFICATION NUMBER: 10-60811-13 COMPONENT MAINT MANUAL REF: 27-09-03 OPTIONAL PART: 59600-5011 V92003 45080-1 V99643 USED ON: A28320-2 A28320-3 A28320-4 A28320-5 A28320-6 A28320-7 A28320-8 A28320-9 A28320-10 A28320-11 A28320-12 A28320-13 A28320-14 A28320-15 ATTACHING PARTS		2
30 35	NAS1351N4H14 BCREF6676	...SCREW- ...WASHER- SUPPLIER CODE: V94697 OVERLENGTH PART NUMBER: 092-06131-253-375-2 -----*-----		8 8
40 45	NAS1611-112 071261	...PACKING- ...GASKET- SUPPLIER CODE: V83259 SPECIFICATION NUMBER: 69-20184-1 OPTIONAL PART: BA1837 V95272		2 2
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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1	45 069000197-1		...PLATE-SEAL SUPPLIER CODE: V05939 SPECIFICATION NUMBER: 69-20184-1 OPTIONAL PART: BA1837 V95272 071261 V83259 071261-1 V83259 828108-1 V83259		2
50	22280710		...SERVOVALVE ASSY- SUPPLIER CODE: V81873 FUNCTIONAL DESCRIPTION: THIS VALVE DELIVERS A HYDRAULIC FLOW PROPORTIONAL TO AN ELECTRIC INPUT SPECIFICATION NUMBER: S252T001-3 CONFIG CHG DATA FROM A CMM: MOOG PART NO. A22584 COMPONENT MAINT MANUAL REF: 27-10-03 OPTIONAL PART: 22280710-001 V81873 OPTIONAL PART: A71882-1 V94697 73016 V49695 SERVICE BULLETIN OPT DATA: 73016 V49695 A71882-1 V94697 75130 V93835 POST SERVICE LETTER: 27-092		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

— ITEM NOT ILLUSTRATED

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
50	22280710-001		...SERVOVALVE ASSY- SUPPLIER CODE: V81873 FUNCTIONAL DESCRIPTION: THIS VALVE DELIVERS A HYDRAULIC FLOW PROPORTIONAL TO AN ELECTRIC INPUT SPECIFICATION NUMBER: S252T001-3 COMPONENT MAINT MANUAL REF: 27-10-03 OPTIONAL PART: 22280710 V81873		1
50	73016		...SERVOVALVE ASSY- SUPPLIER CODE: V49695 FUNCTIONAL DESCRIPTION: THIS VALVE DELIVERS A HYDRAULIC FLOW PROPORTIONAL TO AN ELECTRIC INPUT SPECIFICATION NUMBER: S252T001-4 CONFIG CHG DATA FROM A CMM: MOOG PART NO. IS A50731 COMPONENT MAINT MANUAL REF: 22-21-01 OPTIONAL PART: 22280710 V81873 A71882-1 V94697 SERVICE BULLETIN OPT DATA: A71882-1 V94697 75130 V49695 22280710 V81873 USED ON: A28320-12 A28320-14 POST SERVICE LETTER: 27-092		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 50	A71882-1		...SERVOVALVE ASSY- SUPPLIER CODE: V94697 FUNCTIONAL DESCRIPTION: THIS VALVE DELIVERS A HYDRAULIC FLOW PROPORTIONAL TO AN ELECTRIC INPUT SPECIFICATION NUMBER: S252T001-5 COMPONENT MAINT MANUAL REF: 22-10-02 OPTIONAL PART: A71882-2 V94697 OPTIONAL PART: 22280710 V81873 73016 V49695 SERVICE BULLETIN OPT DATA: 73016 V93835 75130 V75250 2280710 V81873 USED ON: A28320-11 A28320-13 A28320-4 A28320-5 A28320-7 A28320-9 A28320-10 A28320-15 POST SERVICE LETTER: 27-092		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
50	75130		...SERVOVALVE ASSY- SUPPLIER CODE: V49695 SPECIFICATION NUMBER: 10-60813-1 COMPONENT MAINT MANUAL REF: 27-09-01 OPTIONAL PART: 0893701 V93835 SERVICE BULLETIN OPT DATA: 73016 V93835 A71882-1 V94697 22280710 V81873 POST SERVICE LETTER: 27-092		1
50	A71882-2		...SERVOVALVE ASSY- SUPPLIER CODE: V94697 FUNCTIONAL DESCRIPTION: THIS VALVE DELIVERS A HYDRAULIC FLOW PROPORTIONAL TO AN ELECTRIC INPUT SPECIFICATION NUMBER: S252T001-5 COMPONENT MAINT MANUAL REF: 22-10-02 OPTIONAL PART: A71882-1 V94697 A71882-003 V94697		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

— ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1				
50	A71882-003	...SERVOVALVE ASSY- SUPPLIER CODE: V94697 FUNCTIONAL DESCRIPTION: THIS VALVE DELIVERS A HYDRAULIC FLOW PROPORTIONAL TO AN ELECTRIC INPUT SPECIFICATION NUMBER: S252T001-5 COMPONENT MAINT MANUAL REF: 22-10-02 OPTIONAL PART: A71882-1 V94697 A71882-2 V94697 ATTACHING PARTS		1
55	NAS1351N4H28	...SCREW-		4
60	BCREF6676	...WASHER- SUPPLIER CODE: V94697 OVERLENGTH PART NUMBER: 092-06131-253-375-2 -----*-----		4
61	28004244	COVER- SUPPLIER CODE: V81873 USED ON: 22280710 22280710-001 ATTACHING PARTS		1
62	28004493	SCREW- SUPPLIER CODE: V81873 -----*-----		4
63	82005531-034	PACKING-PREFORMED SUPPLIER CODE: V81873 USED ON: 22280710 22280710-001		1
64	28004426-001	MOTOR ASSY-TORQUE, AND SUPPLIER CODE: V81873 USED ON: 22280710		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE				

— ITEM NOT ILLUSTRATED

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
64	28004539-001		MOTOR ASSY-TORQUE, AND FEEDBACK WIRE ASSY- SUPPLIER CODE: V81873 USED ON: 22280710-001 ATTACHING PARTS		1
65	NAS1352-06LL7P		SCREW		2
66	NAS620C6		WASHER		2
		-----*			
67	28004422-001		WIRE ASSY- SUPPLIER CODE: V81873		1
68	28004227-004		JET- SUPPLIER CODE: V81873		1
69	28004261-001		MOTOR- SUPPLIER CODE: V81873 USED ON: 28004426-001		1
69	28004537-001		MOTOR- SUPPLIER CODE: V81873 USED ON: 28004539-001		1
70	82005516-034		PACKING-PREFORMED SUPPLIER CODE: V81873 USED ON: 22280710 22280710-001		1
71	82005510-034		PACKING-PREFORMED SUPPLIER CODE: V81873 USED ON: 22280710 22280710-001		1
73	NAS1611-112	...	PACKING-		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

— ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
74	069000198-1		...PLATE-SEAL SUPPLIER CODE: V05939 SPECIFICATION NUMBER: 69-20185-1 CONFIG CHG DATA FROM A CMM: MOOG PART NO. A22537 OPTIONAL PART: BA1841 V95272 054861 V83259 054861-1 V83259 828109-1 V83259		1
78	A84113-1		...FILTER-ADPTR SUPPLIER CODE: V94697 USED ON: A28320-6 A28320-7		1
80	NAS1611-029		...PACKING- USED ON: A28320-6 A28320-7 A28320-1 A28320-2 A28320-3 A28320-4 A28320-5		1
83	A52570		...RETAINER-FILTER THREADED SUPPLIER CODE: V94697 USED ON: A28320-6 A28320-7 A28320-1 A28320-2 A28320-3 A28320-4 A28320-5		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
85	NAS1611-217		...PACKING- USED ON: A28320-6 A28320-7 A28320-1 A28320-2 A28320-3 A28320-4 A28320-5		1
90	C11236-217B		...RING- SUPPLIER CODE: V26879 SPECIFICATION NUMBER: BACR12BM217 OPTIONAL PART: RMR12BM217 V94878 STF800-217 V02107 S30294-217-1 V97820 TF450-217A V07128 2100-217 V26303		2
90	C11236-217B		...RING- SUPPLIER CODE: V26879 SPECIFICATION NUMBER: BACR12BM217 OPTIONAL PART: RMR12BM217 V94878 STF800-217 V02107 S30294-217-1 V97820 TF450-217A V07128 2100-217 V26303 CONFIG CHG DATA FROM A CMM: MOOG PART NO. A22549-217 C11236-217B V26879		2
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
90	C11236-217B		...RING- SUPPLIER CODE: V26879 OPTIONAL PART: 2100-217 V26303 RMR12BM217 V94878 S30294-217-1 V97820 STF800-217 V02107 TF450-217A V07128 A22549-217 V94697 OPTIONAL PART: BACR12BM217		2
95	11-10106		...FILTER-ELEM SUPPLIER CODE: V14818 SPECIFICATION NUMBER: 60B80034-1 OPTIONAL PART: 7553574 V05228 4228-634 V05CK7 AC8818E1 V18350		1
100	NAS1611-012		...PACKING- USED ON: A28320-6 A28320-7 A28320-1 A28320-2 A28320-3 A28320-4 A28320-5 A28320-11 A28320-13		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
105	C11236-012B		...RING- SUPPLIER CODE: V26879 SPECIFICATION NUMBER: BACR12BM012 OPTIONAL PART: RMR12BM012 V94878 STF800-012 V02107 S30294-012-1 V97820 TF450-012A V07128 2100-012 V26303		2
106	A44345		...SCREEN-HIGH PRESSURE FILTER SUPPLIER CODE: V94697 USED ON: A28320-7 A28320-8 A28320-11 A28320-13 A28320-9 A28320-10 A28320-12 A28320-14 A28320-15 A28320-6		1
107	NAS1612-4		...PACKING- USED ON: A28320-6 A28320-7		2
108	MS21902K4		...UNION- USED ON: A28320-6 A28320-7 A28320-8 A28320-9 A28320-11 A28320-13 A28320-10 A28320-12 A28320-14 A28320-15		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
109	AN814-4DL		...PLUG AND BLEEDER- USED ON: A28320-6 A28320-7 A28320-8 A28320-9 A28320-10		1
109	TF7-1		...PLUG- SUPPLIER CODE: V23540 SPECIFICATION NUMBER: BACP20BH4 OPTIONAL PART: 807 V81904 FP104 V34662		1
110	NAS1612-4		...PACKING- USED ON: A28320-8 A28320-9 A28320-10 A28320-11 A28320-12 A28320-13		1
112	NAS1611-012		...PACKING-		3
115	NAS1612-6		...PACKING-		1
- 117	MS21902D6		...UNION- USED ON: A28320-6 A28320-7 A28320-8 A28320-9 A28320-11 A28320-13 A28320-10 A28320-12 A28320-14 A28320-15		RF
118	NAS1352N04H6		...SCREW		4
119	06131-113-187-2		...WASHER- SUPPLIER CODE: V94697		4
121	NAS1351N3H18		...SCREW		4
122	06131-195-313-2		...WASHER- SUPPLIER CODE: V94697		4
123	BACU24K4		..UNION-		1
125	MS21902D6		..UNION-		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
130	NAS1612-4		..PACKING-		1
135	NAS1612-6		..PACKING-		1
- 400	286T0593-002		WIRE BUNDLE ASSY- POSITION DATA: LH		R F
- 405	286T0597-002		WIRE BUNDLE ASSY- POSITION DATA: CTR		R F
- 410	286T0599-002		WIRE BUNDLE ASSY- POSITION DATA: RH		R F
415	GS3417-22C		.CLAMP- SUPPLIER CODE: V06324 SPECIFICATION NUMBER: BACC10HF22 OPTIONAL PART: S2125-22-8 V07418 ELECTRICAL EQUIP NUMBER: D00179T D00187T D00195T WIRING DIAGRAM REF: 221111 221121 221131		1
420	BCREF5959		.CONNECTOR- OVERLENGTH PART NUMBER: BACC63BP22R19S6L ELECTRICAL EQUIP NUMBER: D00179 D00187 D00195 WIRING DIAGRAM REF: 221111 221121 221131		1
900			ILLUSTRATION REFERENCE: HYDRAULIC INSTL-SECT. 72 VERT. FIN (AUTOPILOT ONLY) 22-13-51-01		R F
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

— ITEM NOT ILLUSTRATED

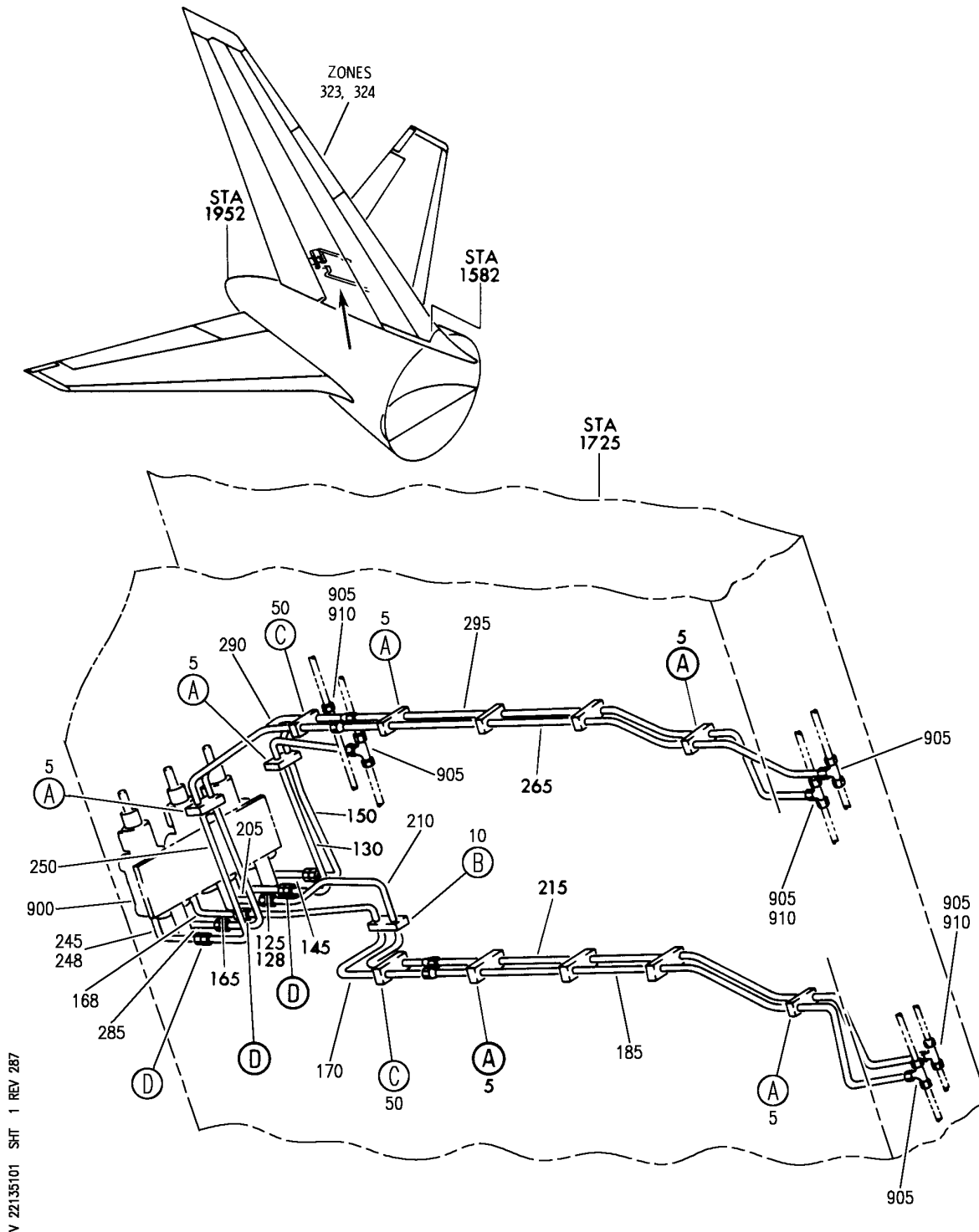
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V 22135101 SHT 1 REV 287

HYDRAULIC INSTL-SECT. 72 VERT. FIN (AUTOPILOT ONLY)
FIGURE 1 (SHEET 1)

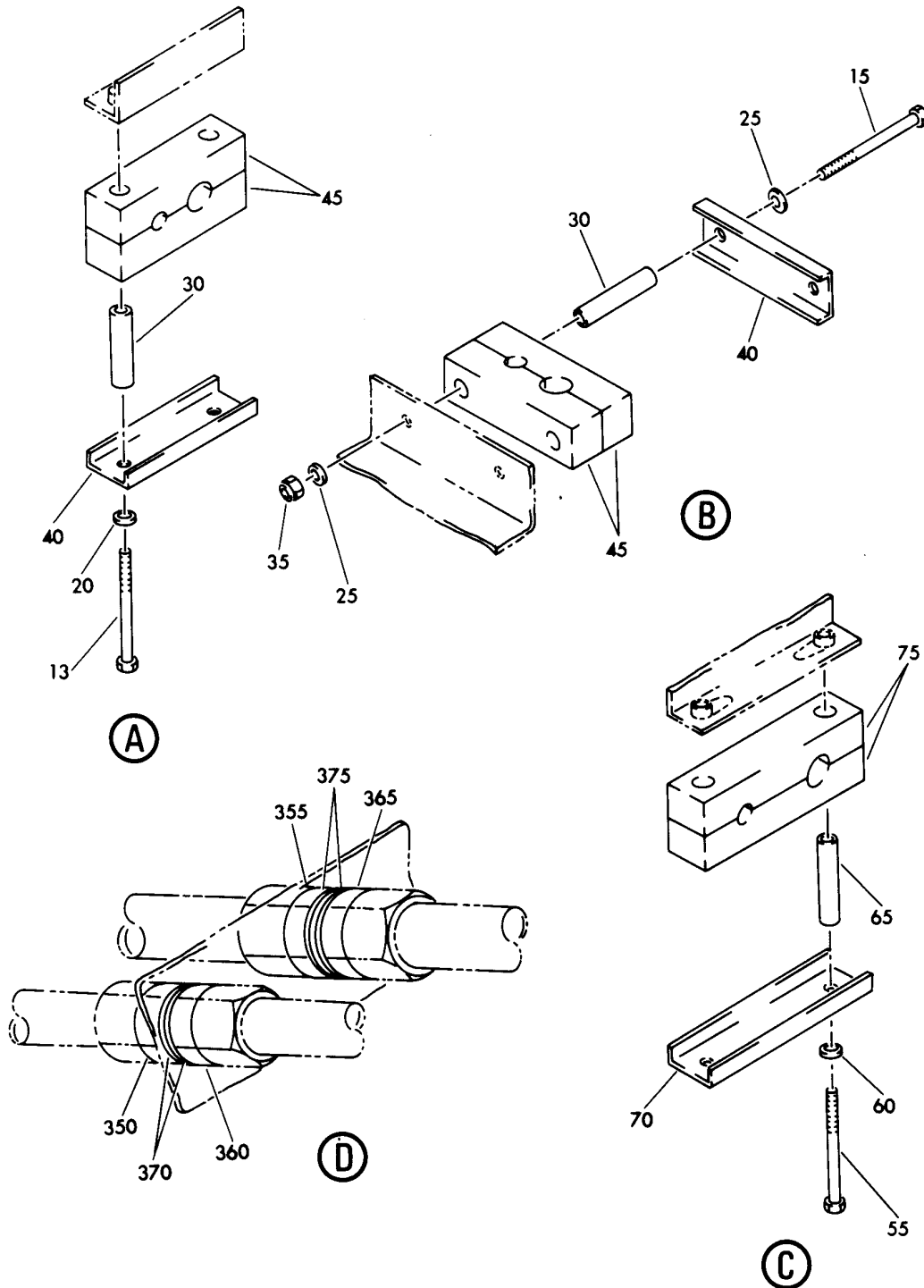
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V 22135101 SMT 2 REV 026

HYDRAULIC INSTL-SECT. 72 VERT. FIN (AUTOPILOT ONLY)
FIGURE 1 (SHEET 2)

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1			HYDRAULIC INSTL-SECT. 72 VERT. FIN (AUTOPILOT ONLY)		
- 1	272T7200-3		HYDRAULIC INSTL-VERT. FIN (AUTOPILOT ONLY) POSITION DATA: SECT. 72 VARIABLE DRAWING REF: 272T7200-5022 272T7200-5025 272T7200-7002 FOR NHA/OTHER SYS DET SEE: 29-00-00-02		RF
5	270T0005-222		.BLOCK ASSY-SPRT		10
10	270T0005-218		.BLOCK ASSY-SPRT		1
13	NAS1801-3-23		..SCREW- USED ON: 270T0005-222		2
15	NAS1801-3-22		..SCREW- USED ON: 270T0005-218		2
20	AN960PD10L		..WASHER- USED ON: 270T0005-222		2
25	AN960PD10L		..WASHER- USED ON: 270T0005-218		4
30	NAS43DD3-59		..SPACER		2
35	BRH10A3		..NUT- SUPPLIER CODE: V52828 SPECIFICATION NUMBER: BACN10JC3 OPTIONAL PART: H10-3BAC V15653 NS202101-02 V80539 RMLH9075-3W V72962 VN303A02 V92215 96-02 V80539 T6S1032J V11815 USED ON: 270T0005-218		2
40	270T0004-1		..CHANNEL		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

- ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1				
45	270T0004-201	..BLOCK-CLAMP		2
50	270T0005-232	.BLOCK ASSY-SPRT		2
55	NAS1801-3-22	..SCREW		2
60	AN960PD10L	..WASHER		2
65	NAS43DD3-59	..SPACER		2
70	65B80254-202	..CHANNEL		1
75	270T0004-249	..BLOCK-CLAMP		2
128	272T7200-134	.TUBE ASSY-FLIGHT CONT PRESSURE SYS POSITION DATA: L TUBING MATERIAL: .250 IN. OD .016 IN. WALL 18.00 IN. LG TITANIUM		1
130	272T7200-101	.TUBE ASSY-FLIGHT CONT PRESSURE SYS POSITION DATA: L TUBING MATERIAL: .250 IN. OD .016 IN. WALL 26.00 IN LG TITANIUM		1
- 135	AS1581T04	..SLEEVE		2
- 140	BACN10YA4	..NUT- OPTIONAL PART: BACN10NR4		2
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE				

— ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 - 140	AFP107-4	..NUT- SUPPLIER CODE: V30974 SPECIFICATION NUMBER: BACN10NR4 OPTIONAL PART: AP1028T4 V01673 BC921T4 V50948 DBON10NR4 V14798 ER01921-4T V88334 FER8928-4 V14397 F11-4 V73197 2-03005T4 V11328 31783-4 V14397 BACN10YA4		2
145	272T7200-402	.TUBE ASSY-RETURN SYS POSITION DATA: L TUBING MATERIAL: .375 IN. OD .035 IN. WALL 10.00 IN. LG ALUMINUM		1
150	272T7200-401	.TUBE ASSY-RETURN SYS POSITION DATA: L TUBING MATERIAL: .375 IN. OD .035 IN. WALL 24.00 IN. LG ALUMINUM		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE				

- ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
- 155	AP2097HP06	..	SLEEVE SUPPLIER CODE: V01673 SPECIFICATION NUMBER: BACS13BX06HP OPTIONAL PART: 2-02903-06HP V11328 35235VN06 V08199 AFP175V06P V30974 DB0S13BX06HP V14798		2
- 160	BACN10YL06	..	NUT		2
168	272T7200-135	.TUBE	ASSY-FLIGHT CONT PRESSURE CTR SYS TUBING MATERIAL: .250 IN. OD .016 IN. WALL 16.00 LG TITANIUM		1
170	272T7200-112	.TUBE	ASSY-FLIGHT CONT PRESSURE CTR SYS TUBING MATERIAL: .250 IN. OD .016 IN. WALL 25.00 IN LG TITANIUM		1
- 175	AS1581T04	..	SLEEVE		2
- 180	BACN10YA4	..	NUT- OPTIONAL PART: BACN10NR4		2
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

- ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
- 180	AFP107-4		..NUT- SUPPLIER CODE: V30974 SPECIFICATION NUMBER: BACN10NR4 OPTIONAL PART: AP1028T4 V01673 BC921T4 V50948 DBON10NR4 V14798 ER01921-4T V88334 FER8928-4 V14397 F11-4 V73197 2-03005T4 V11328 31783-4 V14397 BACN10YA4		2
185	272T7200-111		.TUBE ASSY-FLIGHT CONT PRESSURE CTR SYS TUBING MATERIAL: .250 IN. OD .016 IN. WALL 58.50 IN LG TITANIUM		1
- 190	AS1581T04		..SLEEVE		1
- 195	BACN10YA4		..NUT- OPTIONAL PART: BACN10NR4		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

- ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1 - 195	AFP107-4	..NUT- SUPPLIER CODE: V30974 SPECIFICATION NUMBER: BACN10NR4 OPTIONAL PART: AP1028T4 V01673 BC921T4 V50948 DBON10NR4 V14798 ER01921-4T V88334 FER8928-4 V14397 F11-4 V73197 2-03005T4 V11328 31783-4 V14397 BACN10YA4		1
- 200 205	AS1582T04 272T7200-413	..UNION .TUBE ASSY-RETURN CTR SYS TUBING MATERIAL: .375 IN. OD .035 IN. WALL 10.50 IN LG ALUMINUM		1 1
210	272T7200-412	.TUBE ASSY-RETURN CTR SYS TUBING MATERIAL: .375 IN. OD .035 IN. WALL 30.00 IN LG ALUMINUM	163163	1
210	272T7200-434	.TUBE ASSY-RETURN CTR SYS TUBING MATERIAL: .375 IN. OD .035 IN. WALL 32.00 IN. LG ALUMINUM	155162 164999	1
215	272T7200-411	.TUBE ASSY-RETURN CTR SYS TUBING MATERIAL: .375 IN. OD .035 IN. WALL 61.00 IN LG ALUMINUM		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE				

- ITEM NOT ILLUSTRATED

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
- 220	AP2097HP06		..SLEEVE- SUPPLIER CODE: V01673 SPECIFICATION NUMBER: BACS13BX06HP OPTIONAL PART: 2-02903-06HP V11328 35235VN06 V08199 AFP175V06P V30974 DBOS13BX06HP V14798 USED ON: 272T7200-411 272T7200-413		2
- 225	AP2097HP06		..SLEEVE- SUPPLIER CODE: V01673 SPECIFICATION NUMBER: BACS13BX06HP OPTIONAL PART: 2-02903-06HP V11328 35235VN06 V08199 AFP175V06P V30974 DBOS13BX06HP V14798 USED ON: 272T7200-412 272T7200-434		1
- 230	BACN10YLO6		..NUT- USED ON: 272T7200-411 272T7200-413		2
- 235	BACN10YLO6		..NUT- USED ON: 272T7200-412 272T7200-434		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

- ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1				
- 240	35056GV06	..UNION- SUPPLIER CODE: V08199 SPECIFICATION NUMBER: BACU24AB6W OPTIONAL PART: 2-01027-6W V11328 31875-6W V14397 4671097W6 V50948 AP1004W06 V01673 AFP941W6 V30974 DBOU24AB6W V14798 USED ON: 272T7200-412 272T7200-434		1
248	272T7200-136	.TUBE ASSY-FLIGHT CONT PRESSURE SYS POSITION DATA: R TUBING MATERIAL: .250 IN. OD .016 IN. WALL 15.50 IN. LG TITANIUM		1
250	272T7200-125	.TUBE ASSY-FLIGHT CONT PRESSURE SYS POSITION DATA: R TUBING MATERIAL: .250 IN. OD .016 IN. WALL 29.00 IN LG TITANIUM		1
- 255	AS1581T04	..SLEEVE		2
- 260	BACN10YA4	..NUT- OPTIONAL PART: BACN10NR4		2
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE				

- ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
- 260	AFP107-4		..NUT- SUPPLIER CODE: V30974 SPECIFICATION NUMBER: BACN10NR4 OPTIONAL PART: AP1028T4 V01673 BC921T4 V50948 DBON10NR4 V14798 ER01921-4T V88334 FER8928-4 V14397 F11-4 V73197 2-03005T4 V11328 31783-4 V14397 BACN10YA4		2
265	272T7200-124		.TUBE ASSY-FLIGHT CONT PRESSURE SYS POSITION DATA: R TUBING MATERIAL: .250 IN. OD .016 IN. WALL 57.00 IN. LG TITANIUM		1
- 270	AS1581T04		..SLEEVE		1
- 275	BACN10YA4		..NUT- OPTIONAL PART: BACN10NR4		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

- ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1				
- 275	AFP107-4	..NUT- SUPPLIER CODE: V30974 SPECIFICATION NUMBER: BACN10NR4 OPTIONAL PART: AP1028T4 V01673 BC921T4 V50948 DBON10NR4 V14798 ER01921-4T V88334 FER8928-4 V14397 F11-4 V73197 2-03005T4 V11328 31783-4 V14397 BACN10YA4		1
- 280	AS1582T04	..UNION		1
285	272T7200-426	.TUBE ASSY-RETURN SYS POSITION DATA: R TUBING MATERIAL: .375 IN. OD .035 IN. WALL 10.00 IN LG ALUMINUM		1
- 287	AP2097HP06	..SLEEVE SUPPLIER CODE: V01673 SPECIFICATION NUMBER: BACS13BX06HP OPTIONAL PART: 2-02903-06HP V11328 35235VN06 V08199 AFP175V06P V30974 DBOS13BX06HP V14798		2
- 288	BACN10YL06	..NUT		2
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE				

- ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1	290 272T7200-425	.TUBE ASSY-RETURN SYS POSITION DATA: R TUBING MATERIAL: .375 IN. OD .035 IN. WALL 28.00 IN LG ALUMINUM		1
- 291	AP2097HP06	..SLEEVE SUPPLIER CODE: V01673 SPECIFICATION NUMBER: BACS13BX06HP OPTIONAL PART: 2-02903-06HP V11328 35235VN06 V08199 AFP175V06P V30974 DBOS13BX06HP V14798		1
- 292	BACN10YL06	..NUT		1
- 293	35056GV06	..UNION SUPPLIER CODE: V08199 SPECIFICATION NUMBER: BACU24AB6W OPTIONAL PART: 2-01027-6W V11328 31875-6W V14397 4671097W6 V50948 AP1004W06 V01673 AFP941W6 V30974 DBOU24AB6W V14798		1
295	272T7200-424	.TUBE ASSY-RETURN SYS POSITION DATA: R TUBING MATERIAL: .375 IN. OD .035 IN. WALL 58.00 IN LG ALUMINUM		1
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE				

— ITEM NOT ILLUSTRATED

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PARTS CATALOG (MAINTENANCE)

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECT FROM TO	UNITS PER ASSY
1					
- 300	AP2097HP06		.. SLEEVE SUPPLIER CODE: V01673 SPECIFICATION NUMBER: BACS13BX06HP OPTIONAL PART: 2-02903-06HP V11328 35235VN06 V08199 AFP175V06P V30974 DB0S13BX06HP V14798		2
- 310	BACN10YLO6		.. NUT		2
350	BACU24L4		. UNION-		3
355	MS21924D6		. UNION		3
360	AN924-4D		. NUT		3
365	AN924-6D		. NUT		3
370	AN960PD716L		. WASHER-		6
375	AN960PD916L		. WASHER-		6
900			ILLUSTRATION REFERENCE: SERVO INSTL-RUD CONT		RF
			AUTOPILOT 22-13-01-01		
905			ILLUSTRATION REFERENCE: HYDRAULIC INSTL-SECT. 72 VERT. FIN (RUDDER AND ELEVATOR SHUTOFF VALVES ONLY) 27-23-52-01		RF
ILLUSTRATION ITEMS NOT ON PARTS LIST ARE NOT APPLICABLE					

- ITEM NOT ILLUSTRATED

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