SECTION V

MAINTENANCE AND SERVICE INSTRUCTIONS

5.1. GENERAL.

This section contains maintenance and service information. It lists those items that should receive scheduled inspections and, if necessary, servicing. Beyond this, the test stand must be observed at all times for fluid and pneumatic leaks, burned out bulbs, loose equipment, excessive vibration and other abnormal conditions.

5.1.1. PERIODIC INSPECTIONS. Equipment requiring periodic inspections is listed in table 5.1. The table specifies frequencies, however, experience may dictate longer or shorter intervals as determined by the user.

Table 5.1. Periodic Inspection

What to check	Inspect for or service	Frequency	Remarks
Oil reservoir (500)	Oil level	Daily	Maintain oil level between 1/2 and full mark using MIL-L-23699 lubricating oil Refer to section III, Reservoir Servicing for filling.
Air tank (501)	Moisture	Daily	Open drain valve (146).
Stand plumbing	Leakage	Daily	Tighten connection, if ineffective, replace seal or defective part.
Valve packing	Leaks around valve stems	Daily	Tighten packing nut or replace packing or O-ring.
Indicator lights	Burned out bulbs	Daily	Turn off power and replace bulb.
Air filters (319 and 320)	Observe delta P indicators	30 days	Replace element as required per filter indicator.

Table 5.1. Periodic Inspection - Continued

What to check	Inspect for or service	Frequency	Remarks
Oil filters (310 thru 318)		30 days	Replace element if clogged element indicator light is illuminated.
Water supply strainer (302)	Check filter element	180 days	Replace element as required.
Reservoir level switch (449)	Check setting	Yearly	When tank is drained for cleaning or inspection, observe tank level gage and indicator (450) for operation of low level switch.

SECTION VI

TROUBLESHOOTING

6.1. GENERAL.

The information contained in this section is intended to serve as a guide in locating and correcting troubles encountered in the operation of the test stand after it has been installed and checked out in its final location. The troubles listed herein are those that might be expected to occur, not as a result of improper operation of the test stand, but as a result of normal wear, adjustments drifting out of tolerance or failure of one or more components of a system. It is assumed that the proper sequence of operation has been followed and that all special precautions have been observed. It is the intent of this troubleshooting guide to enable service personnel to isolate a particular trouble to a certain component or group of components.

WARNING

Remove all power from the test stand before performing any electrical maintenance.

CAUTION

Electrical equipment in the test stand is protected by circuit breakers. The overload devices on the motor starters are reset manually. When an overload occurs, the contacts of the motor starter open and remain open until the reset levers are pressed and the start pushbuttons are once again pressed. When a motor overload device has been tripped, the cause of the trouble should be located and corrected before the motor involved is placed back into operation.

6.1.1. PROCEDURE. Any faulty or defective equipment should be corrected as soon as possible. Refer to section VII, Repair Instructions for information on repair, calibration and replacement. Instruments and apparatus covered in section IV, Test

Stand Calibration, that are found defective shall be handled as described therein. Refer to table 6.1 for troubleshooting information.

Table 6.1. Troubleshooting

Trouble	Probable Cause	Remedy
Stand power cannot be turned on.	Loss of facility power.	Check power source and correct.
	Open main power circuit breaker (720).	Reset circuit breaker.
	Open transformer circuit breaker (721 or 726).	Reset circuit breaker.
	Maintenance switch (740) in open (off).	Place switch in the (on) closed position.
Hydraulic pump (341) will not start.	Pump motor circuit breaker (723) open.	Reset circuit breaker.
	Overloads on motor starter M2 (709) tripped.	Reset overloads.
	Defective coil in motor starter M2 contactor (709).	Replace coil.
	Supply filter (301) clogged, excessive pressure drop indicated by the illumination of indicator (786).	Replace filter element and reset fault circuit.
Hydraulic pump (341) stops after ON pushbutton is released.	Defective holding contacts in motor starter (709).	Replace contacts.

Table 6.1. Troubleshooting - Continued

Trouble	Probable Cause	Remedy
Fill pump (340) will not start.	Pump circuit breaker (724) open.	Reset circuit breaker.
	Overloads on motor starter M3 (710) tripped.	Reset overloads.
	Defective coil in motor starter M3 contactor (710).	Replace coil.
	Supply filter (300) clogged, excessive pressure drop indicated by the illumination of indicator (785).	Replace filter element and reset fault circuit.
Fill pump (340) stops after ON pushbutton is released.	Defective holding contacts in motor starter (710).	Replace contacts.

SECTION VII

REPAIR INSTRUCTIONS

7.1. GENERAL.

This section contains the general instructions for repairing test stand equipment and covers all the processes involved.

7.1.1. REPAIR. Repair of test stand components should be accomplished only by qualified technicians in accordance with instructions of the component manufacturer. Refer to the component publication manuals furnished with the test stand before attempting repair.

WARNING

Before attempting removal of equipment from the test stand, shut off all services to the stand (refer to section III). Observe all applicable safety procedures to prevent injury to personnel or damage to equipment.

WARNING

Lubricating Oil MIL-L-23699 or MIL-L-7808

- If oil is decomposed by heating, toxic gases are released.
- Prolonged contact with liquid or mist can cause dermatitis and irritation.
- Wash contacted area with soap and water. If solution contacts eyes, flush eyes with water immediately. Remove saturated clothing.
- If oil is swallowed, do not try to vomit. Get immediate medical attention.
- When handling liquid, wear rubber gloves. If prolonged contact with mist is likely, wear approved respirator.

7.1.1.1. Disassembly. When components must be removed from the test stand, standard shop tools may be used for disconnecting fluid lines, conduit and wiring.

After all connections have been removed and mating tags installed, the mounting bolts and/or screws can be removed and the component removed. All repairable and replaceable components are installed in a manner that allows ease of removal.

7.1.1.2. Cleaning. All items removed from the test stand should be cleaned in accordance with standard procedures prior to repair and replacement. Any new components should be cleaned prior to installation in the test stand.

7.1.1.3. Inspection. Any component removed for repair and/or planned for installation on the test stand should be inspected for compliance with component manufacturer's specifications. Refer to component publication manual for inspection criteria. Any component requiring calibration, as listed in section IV, should be calibrated prior to installation in the test stand.

7.1.1.4. Repair or Replacement. The criteria for repair or replacement of test stand components are given in the component publication manual provided with the test stand.

7.1.1.5. Assembly. Assembly of component subassemblies and parts is given in the component publication manual. Assembly or replacement of parts is the reverse sequence of disassembly and is accomplished with standard shop tools.

7.1.1.6. Alignment. Alignment of replaceable components is covered in the component publication manual. System tests to ensure system usability after component replacement are conducted by referring to the operating procedures in section IV, Test Stand Calibration. When any abnormalities are observed, refer to section VI, Troubleshooting.

SECTION VIII

COMPONENT PARTS LIST

8.1. GENERAL.

This section includes a parts list, a vendor list and ordering information for components of the Variable Exhaust Nozzle Accessories Test Stand. Replacement parts may be obtained from the General Electric Co., Chino, California, or directly from the manufacturer. When ordering through the General Electric Co., please include the model number of the stand and the component identification number, as listed, of the items requested.

8.1.1. PARTS IDENTIFICATION. A particular part in the list is identified by the item number and nomenclature. Figures 8.1 thru 8.10 are provided to assist in locating a part in the test stand. The figures are arranged according to equipment function and the callouts correspond to the item numbers in the parts list. The figures are arranged as follows:

Figure 8.1. VEN Accessory Test Stand 21C8584
Figure 8.2. Test Stand Assembly (37C686 sheet 1)
Figure 8.3. Panels C and D (37C686 sheet 10)
Figure 8.4. Panels E, F and G (37C686 sheet 11)
Figure 8.5. Panels J, H, L and K (37C686 sheet 12)
Figure 8.6. Panel M and Service Connections Panel (37C686 sheet 13)
Figure 8.7. Power Unit Sink B Assembly (37C686 sheet 14)
Figure 8.8. Actuator Sink A Assembly (37C686 sheet 15)
Figure 8.9. Electrical Enclosure Layout (37C686 sheet 16)
Figure 8.10. Power Unit Drive Adapter, Actuator/Transmitter Test Fixture (37C686 sheet 17)

8.2. FEDERAL SUPPLY CODE FOR MANUFACTURERS (FSCM).

The five-digit number in the FSCM No. column of the parts list is a code assigned to the manufacturer of the part. If a code has not been assigned, the letters A, B, C, etc., are used as needed. If no code or letter is entered in the column, the part is supplied by the General Electric Co., Chino, California, whose code is 66029.

8.2.1. VENDOR LIST. Immediately following the parts list is the vendor list containing the FSCM number and the manufacturer's name and address.

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO	ORIGINAL	APPD	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		37 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
680	072-212-0001	TACHOMETER, DIGITAL DISPLAY 0-9999 RPM, 100MV INUT PANEL MOUNT 120V 50/60HZ	07355	1									B
681	MB3723-82R100 5N	RECEPTACLE, SO FLANGED		1									J
682	EXCC-02-110-60	EXTENDER CHASIS FOR COMPUTATIONAL MEASUREMENT & CONTROL SYSTEM, CONSISTING OF EXCC0211060 EXTENDED CHASSIS (1 EA) RO46 RELAY OUTPUT BOARD (1 EA) ATB1 MOTHER BOARD (1 EA) BR02 4 WIRE STRAIN GAGE MODULE (1 EA) ST01 CONNECTOR	70986	1									G

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND, F404	PL37C686		38 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
683	AZONIX 1000	COMPUTATIONAL MEASUREMENT & CONTROL SYSTEM CONSISTING OF: MFE1-64S1-110-60, MAINFRAME (1EA) AOB1 MOTHERBOARD (3EA), P102 PULSE INPUT MODULE (5EA), TC10 THERMOCOUPLE INPUT CARD (3EA), ST01 CONNECTOR (3EA), ST02 CONNECTOR (1EA), RO46 RELAY OUTPUT BOARD (1 EA.)	70986	1									K
684	M83723/ 83G1005N	RECEPTACLE, ELECTRICAL, SQUARE FLANGE SOCKET, W/CABLE SUPPORT AND CONTACTS		1									K
685	M83723/ 83R10057	RECEPTACLE, ELECTRICAL, SQUARE FLANGE SOCKET, ALUM. W/CABLE SUPPORT AND CONTACTS		1									K
686		SAME AS 676		/									K
687	THRU 689	NOT USED											K
690	4636	POWER SUPPLY 0-28 VDC, 0-0.85AMPS TEN TURN POT	03692	1									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		39 OF 60	N

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ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO & QUANTITY								REV CODE	REV
691	HB-600-2	BRAKE, ELECTRIC HYSTERESIS TYPE 200 OZ-IN TORQUE, 24 VDC	03692	1									
692	4714	PILLOW BLOCK	03692	1									
693	987E411G02	TESTER ELECTRICAL, POWER UNIT		1									H
694	CA51-1-C-0000 -6	SIGNAL CONDITIONER, INPUT SIGNAL RF 115 VAC, OUTPUT 10 VOLT PEAK TO PEAK SQUARE WAVE, WALL MNT.	18316	6									K
695		SAME AS 694		/									
696		SAME AS 694		/									
697		SAME AS 694		/									
698		SAME AS 694		/									
699	987E443G01	CYCLING CONTROL UNIT		1									N

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
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ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY								REV CODE	REV
700	271A4063	DRIVE UNIT, AC SYNC. START-STOP PB STATION INCLUDING:	02295	1									F
	CR104MA31021	BLACK START PB, 1 NO & 1 NC CONTACT											
	CR104MA31031	RED STOP PB, 1 NO & 1 NC CONTACT											
	CR104MC5323	GREEN INDICATING LIGHT											
	NP100800BN	BLACK "START" NAMEPLATE											
	NP100800BR	RED "STOP" NAMEPLATE											
	NP100800BK	BLACK "RUN" NAMEPLATE											
701	3045-1	DC POWER SUPPLY	62506	1									H
702	5KS284BL315 (E9216)	MOTOR, AC, 15 HP AT 1200 RPM, FT. MT. 460V/3PH/60HZ TEFC, TYPE KS SERVICE FACTOR 1.15	02295	1									H
703	1E220C	BLOWER PANEL MOUNT 115V/60HZ SST GRIT W/FILTER	03522	1									C
704	THRU 708	NOT USED											
709	CR306D002LAA W/CR123C198B	STARTER, MOTOR, 3 OVERLOADS, 3 POLES 120 V/60HZ COIL SIZE/IN.O. AUX. CONT. W/3 EA. HEATERS	02295	1									K

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		41 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
710	CR306A002 W/CR123C356A CR305X100A CR305X100D	STARTER, MOTOR, 3 OVERLOADS, 3 POLES 120V/60HZ COIL, SIZE 00 2N.O AUX. CONT. W/3 EA. HEATERS	02295	1									K
711		SAME AS 694		/									K
712	THRU 718	NOT USED											K
719		SAME AS 748		/									J
720	TED 136150 WL	CIRCUIT BREAKER MAIN, 3 POLE,600 VAC 150 AMP	02295	1									F
721	TED124015WL	CIRCUIT BREAKER, 2 POLE 480 VAC	02295	1									H
722	TLM612S	LOAD CENTER .125 A MAIN 6 CIRCUITS THREE WIRE	02295	1									B
723	TED134100WL	CIRCUIT BREAKER, 100 AMP, 3 POLE 480 VAC	02295	1									H
724	TEC36003	CIRCUIT BREAKER, 3 AMP, 3 POLE 600 VAC ADJ. TRIP WITH AUX CONT.	02295	1									H
725	THMB000	MSTR MAIN CONVERSION BASE	02295	1									H
726	THHQL2140	CIRCUIT BREAKER 2 POLE 240 VAC 40 A FOR USE WITH ITEM 725	02295	1									H

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
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REVISION CODES: 1. ITEM OR ASST ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
727	THHQL1115	CIRCUIT BREAKER, 120/240 VAC 15 A SINGLE POLE	02295	5									
728		SAME AS 727		/									
729		SAME AS 727		/									
730		SAME AS 727		/									
731		SAME AS 727		/									
732		SAME AS 796		/									J
733		SAME AS 796		/									J
734		SAME AS 780		/									J
735	9T21B1004G2	TRANSFORMER, DRY TYPE 240 X 480 VAC PRIMARY, 120 X 240 VAC SECONDARY 5 KVA	02295	1									B
736	TY1201S10	POWER CONDITIONER, 1 KVA 120 VOLT OUTPUT	38426	2									
737		SAME AS 736		/									
738	LND-Y-152	DC POWER SUPPLY, 15 VDC OUT 120V/ 60 HZ INPUT	80103	2									
739		SAME AS 738		/									
740	CR101JA1B	SWITCH MANUAL, 2 POLE, ON-OFF NEMA 1 ENCLOSURE	02295	2									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO	ORIGINAL	APPO	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		43 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
741		SAME AS 740		/									
742	CR104PBM91R6	SWITCH, PUSHBUTTON, LARGE RED MUSHROOM BUTTON, 1NO, 1NC MOMENTARY CONTACT	02295	3									
743		SAME AS 742		/									
744		SAME AS 742		/									
745	CR104MA31021	OPERATOR STATION, BLACK START	02295	3									C
	CR104MA31031	PUSHBUTTON, SPDT, RED STOP											
	CR104MC5323	PUSHBUTTON, SPDT, CHROME BEZEL											
	NP100800BN	TRANSLUCENT LENS W/NAMEPLATES											
	NP100800BR	GREEN INDICATING LIGHT 115VAC											
		TRANSFORMER TYPE											
746		SAME AS 745		/									
747		SAME AS 745		/									A
748	CR104MA3104	PUSH BUTTON, MOMENTARY CHROME BEZEL TRANSPARENT LENS, AMBER	02295	1									J
749	CR104MB42103	SWITCH SELECTOR, MAINTAINED 3 POSITION, 1 NO, 1 NC CONTACTS	02295	1									F

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPO	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		44 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
750	44M45-01-1-5S-F	SWITCH SELECTOR, 5 POSITION SINGLE DECK, 5 AMPS, WITH	81073	1									
	42-24	PANEL SEAL KIT											
	33-2	KNOB											
751	57HS22-02-1-16N-C	SWITCH ROTARY, 16 POSITIONS 2 DECK	81073	1									
752	CR104MB12103 W/NP100801AP	SWITCH SELECTOR, MAINTAINED 2 POSITION 1 NO, 1 NC CONTACTS 120 V 5 AMPS, WITH ON-OFF NAMEPLATE	02295	1									J
753		SWITCH, LEVEL, TYPE 3, SS MTG. BUSHING, TANK TOP MOUNT, SS STEM AND FLOAT, P/N 14569 WIRING GROUP 1.L1- 5.0 N.O., L2 - 2" N.O.	04034	1									J
754	CR215G1A27	SWITCH, LIMIT, 1N.O., 1N.C CONTACTS SHORT TRAVEL 5 DEG., SPRING RETURN VITON SEALS W/LEVER CR215GL49	02295	1									K

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO	ORIGINAL	APPD	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66125	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		45 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
755	CR104MB22273	SWITCH SELECTOR, MAINTAINED 3 POSITION 2 NO, 2 NC CONTACTS, BAT LEVER, CHROME BEZEL	02295	1									J
756	7321K3	SWITCH, TOGGLE 16A, 125 VAC SPST	27192	2									F
757	CR104MB82223	SELECTOR SWITCH, 3 POS, CHROME BEZEL, SPRING RETURN FROM RIGHT, 2 NO, 2 NC CONTACTS	02295	1									L
758	7320K3	SWITCH, TOGGLE 16A 125 VAC DPST	27192	2									A
759		SAME AS 758		/									A
760	VXHB15GP	FIXTURE, LIGHT, NON-EXPLOSION PROOF WITH 150 W A 21 BULB	15235	1									
761	VXHF22GP	FIXTURE, LIGHT, NON-EXPLOSION PROOF WITH 200 W BULB	15235	4									
762		SAME AS 761		/									
763		SAME AS 761		/									
764		SAME AS 761		/									
765	CR104MB82243	SWITCH SELECTOR, SPRING RETURN TO MID POSITION 2 NO, 2 NC CONTACTS, BAT LEVER	02295	1									H

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND, F404	PL37C686		46 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
766	CR104MN63243 CR104MC5323 NP100804AC NP100804AD	OPERATOR STATION SPLIT PUSH BUTTON, GUARDED CHROME BEZEL TRANSPARENT LENS, TOP WHITE W/PRINTED NAMEPLATE (START), BOTTOM RED W/PRINTED NAMEPLATE (STOP), INDICATING LIGHT, GREEN 115VAC, TRANSFORMER TYPE, 6V GE LAMP #79, CHROME BEZEL		1									F
767	SMR46HT-20B-2 -1K	POTENTIOMETER, 20 TURN, 1K OHM RESISTANCE, 2 LIMIT SWITCHES HIGH TORQUE	19477	2									C
768		SAME AS 767		/									
769	MF46-1 13/16" DIA	DIAL-TURNS COUNTING 20 TURN	19477	2									C
770		SAME AS ITEM 756		/									F
771	CR104MC5323	LAMP, INDICATING, GREEN, 115V TRANSFORMER TYPE CHROME BEZEL TRANSPARENT LENS	02295	9									A
772		SAME AS 771		/									A
773		SAME AS 771		/									A

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

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	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		47 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO CHG 6. NOMENCLATURE CHG 7. ITEM NO CHG 8. GENERAL CHG 9. FSCM NO CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
774		SAME AS 771		/									A
775		SAME AS 771		/									A
776		SAME AS 771		/									A
777		SAME AS 771		/									A
778		SAME AS 771		/									A
779		SAME AS 771		/									A
780	CR104MC3323	LAMP INDICATING, RED 115V TRANSFORMER TYPE, CHROME BEZEL TRANSPARENT LENS	02295	10									J
781		SAME AS 780		/									D
782		SAME AS 780		/									D
783		SAME AS 780		/									D
784		SAME AS 780		/									D
785		SAME AS 780		/									D
786		SAME AS 780		/									D
787		SAME AS 780		/									D
788		SAME AS 780		/									D
789	CR104MD3323	LAMP INDICATING, PUSH TO TEST 115VAC TRANSFORMER TYPE, RED, CHROME BEZEL	02295	9									H

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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	66029	04 23 87	NI		VEN ACCESSORY TEST STAND, F404	PL37C686		48 OF 60	N

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790		SAME AS 789		/									D
791		SAME AS 789		/									D
792		SAME AS 789		/									D
793		SAME AS 789		/									D
794		SAME AS 789		/									D
795		SAME AS 789		/									D
796	CR104MC4323	LAMP INDICATING, AMBER, 115VAC TRANSFORMER TYPE, CHROME BEZEL TRANSPARENT LENS	02295	3									J
797		SAME AS ITEM 789		/									H
798	CR104MC7323	LAMP INDICATING, BLUE, 115V TRANSFORMER TYPE, CHROME BEZEL TRANSPARENT LENS	02295	1									
799		SAME AS ITEM 789		/									H
800	CR120B01122	RELAY CONTROL, 1 NO, 1 NC CONTACTS 120 V, 50/60 HZ COIL	02295	13									H
801		SAME AS 800		/									
802		SAME AS 800		/									
803		SAME AS 800		/									
804		SAME AS 800		/									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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GENERAL ELECTRIC
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REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO CHG 8. GENERAL CHG 9. FSCM NO CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

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805		SAME AS 800		/									
806		SAME AS 800		/									
807		SAME AS 800		/									
808	CR120B01222	CONTROL RELAY, 1 NO, 2NC CONTACTS, 120 V, 50/60 HZ	02295	2									G
809		SAME AS 800		/									
810		SAME AS 800		/									
811		SAME AS 800		/									
812		SAME AS 800		/									
813	CR120B06022	RELAY CONTROL, 6 NO CONTACTS 120V 50/60 HZ COIL	02295	1									
814	CR120B03122	RELAY CONTROL, 3 NO, 1 NC CONTACT 120V 50/60 HZ COIL	02295	1									K
815	CR120B06422	RELAY CONTROL, 6 NO, 4 NC CONTACT 120V 50/60 HZ COIL	02295	1									
816	CR120B02022	RELAY CONTROL, 2 NO CONTACTS 120V, 50/60 HZ COIL	02295	5									H
817		SAME AS 816		/									
818		SAME AS 816		/									

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REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

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819	CR120B02422	RELAY CONTROL, 2 NO, 4 NC CONTACTS 120V, 50/60HZ COIL	02295	1									D
820	120D10	RELAY, SOLID STATE 120 VAC 10 AMP	55442	5									K
821		SAME AS 820		/									
822	CR120B02222	CONTROL RELAY, 2 NO, 2 NC 120V 50/60 HZ	02295	2									J
823	CR120B02122	CONTROL RELAY, 2NO, 1NC CONTACTS 120V 50/60 HZ	02295	5									G
824		SAME AS 823		/									G
825		SAME AS 823		/									G
826		SAME AS 822		/									
827		SAME AS 823		/									G
828	7012-AK-LL	RELAY, TIME DELAY, TWO INSTANTANEOUS N.O CONTACTS 1.300 SEC ADJUSTABLE	98424	1									B
829		SAME AS 823		/									G
830		SAME AS ITEM 816		/									E
831	E2X1.5LG6	WIRING DUCT, 2" WIDE 1 1/2" HIGH	06383	20'									B
832	C2LG6	WIRING DUCT COVER 2" WIDE	06383	20'									B
833	CR120BX4	MOUNTING TRACK	02295	2									C

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GENERAL ELECTRIC
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66029	04 23 87	N1		VEN ACCESSORY TEST STAND F404	PL37C686		51 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO CHG 6. NOMENCLATURE CHG 7. ITEM NO CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

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834	987E438P01	SUPPORT DRIVE MOTOR		1									H
835	28F876 TYPE 20-140	TERMINAL BLOCK	5E642	10									F
836	MS90728-111	BOLT, HEX HD., 1/2-13UNC-2B X 1 1/4" LG.		4									F
837	MS90728-87	BOLT, HEX HD., 7/16-14UNC-2B X 1 1/4" LG.		16									F
838	MS90728-85	BOLT, HEX HD., 7/16-14UNC-2B X 1" LG.		4									F
839	MS27183-18	WASHER, FLAT, FOR 1/2" BOLT		4									F
840	MS27183-16	WASHER, FLAT, FOR 7/16" BOLT		36									F
841	MS35338-86	WASHER, LOCK, FOR 1/2" BOLT		4									F
842	MS35338-85	WASHER, LOCK, FOR 7/16" BOLT		20									F
843	CR151A336	BOARD, TERMINAL, 600 VAC, 30 AMP 36 TERMINALS	02295	2									F
844	CR151A10	KIT, TERMINAL BOARD MOUNTING	02295	3									F
845	CR151A11	STRIP, MARKING, TERMINAL BORAD	02295	1									F
846	CR151A310	BOARD, TERMINAL, 600 VAC, 30 AMP 10 TERMINALS	02295	1									F

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC
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66029	04 23 87	N1		VEN ACCESSORY TEST STAND, F404	PL37C686		52 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

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847	22445	SAFE-PAK, SOLID STATE, 120 VAC, 5 AMP, 20MA SWITCHING CURRENT	04034	1									H
848	DDF22167-110-(8) 5.9	TERMINAL, FEMALE DISCONNECT	5E642	200									F
849	THRU 851	NOT USED											L
852	81F5173 TYPE DB25P	CONNECTOR, D-SUBMINIATURE PLUG, 25 PIN, SOLDER TYPE	5E642	1									F
853	60N2440 TYPE 1300-BS	BOX, POWER OUTLET, 125 VAC, 15 AMP, 6 FT. CORD	5E642	2									H
854	10-WLN-SS	LOCKNUT		13									F
855	98493A165	BAR STOCK, 303 SST 3/8" SQ X 12" LG	39428	1									F
856	MS90728-112	BOLT, HEX HD - 1/2-13 UNC-2BX X 1 3/8 LG - CAD PL		4									F
857	MS90728-65	BOLT, HEX HD - 3/8-16 UNC-2B X 1 3/4 LG - CAD PL		6									F
858	MS27183-14	WASHER, FLAT - 3/8" CAD PL		18									F
859	MS35338-84	WASHER, LOCK 3/8" SST		12									F
860	MS35649-2382	NUT, HEX 3/8-16 UNC-2B CAD PL		6									F
861	MS35649-3382	NUT, HEX 3/8 -24 UNF-2B CAD PL		6									F

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		53 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO CHG 6. NOMENCLATURE CHG 7. ITEM NO CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

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862	#10-32 X 1/2	SCREW		7									F
863	1/4-20 X 3/4	SCREW		4									F
864	3/8-16 X 1 1/2	SCREW		4									F
865	203B5337P01	MOUNTING BRACKET - TORQUE TRANSDUCER		1									H
866	CR215GA17 W/ CR215GL52	LIMIT SWITCH W/ROLLER LEVER	02295	1									F
867	M300	COUPLING 1 5/8 X 1 1/2 W/ 3/8 KEY	G	1									F
868	987E441P01	BASE		1									F
869	PDB-16-2/0-3	POWER TERMINAL BLOCK	74829	1									F
870	203B5330P01	PLATE, BACKUP BEZEL		6									F
871		NOT USED											J
872		SAME AS ITEM 800		/									H
873		SAME AS ITEM 820		/									K
874	MODEL ARD-4481	FLOW INDICATOR - GPM	B	2									G
875		SAME AS 874		/									G
876		SMAE AS 820		/									L
877		SAME AS 820		/									L
878	6216C	POWER SUPPLY	28480	1									G

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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	66029	04 23 87	NI		VEN ACCESSORY TEST STAND, F404	PL37C686		54 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

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879	VTC34-700	DC POWER SUPPLY	70986	1									G
880	EZX3LG6N	WIRE DUCT (6 FT.)	06383	2									H
881	CR151A320	TERMINAL BOARD	02295	1									H
882		SAME AS ITEM 816		/									H
883	22445	SAFE PAK	89326	2									H
884		SAME AS ITEM 883		/									H
885	J18G-304-SS 1/4-8-0"L	TERMOCOUPLE	99195	1									H
886	9032K137	SHEET LEAD, 0.0391 THK X 12"WIDE X 48" LG	39428	2									H
887	5X852	OCTAL SOCKET, SURFACE MOUNT WITH TERMINALS	25795	1									H
888	490-127	CRIMP PINS (FOR ITEM 889)	55281	2									H
889	480-130	CONNECTOR	55281	2									H
890		SAME AS 822		/									J
891	987E444G01	LVDT CAL FIXTURE		1									K
892	987E444G02	LVDT CAL FIXTURE		1									L
893	8891T73	EYEBOLT, SHOULDER, THREADED, 1/2 ID SST, 1/4 SHANK DIA	39428	1									K
894	CFT1	CURVE FIT PROGRAM V2.0	70986	1									L

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	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		55 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

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895	V13010LA	THYRECTOR	02295	3									L
896	VTL47S35	CAPACITOR, 47 MICROFARAD 35 W V PC	90201	2									L

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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	66029	04 23 87			VEN ACCESSORY TEST STAND F404	VL37C686		56 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

FSCM NO.	NAME	ADDRESS	REV CODE	REV
00843	HOFFMAN ENG. CO.	ANOKA, MN		
01029	JAMESBURY CORP.	WORCHESTER, MA 01605		
02295	G.E. CO. (GEN. PURPOSE CONTROL DEPT	BLOOMINGTON, IL 61701		
03522	MC LEAN ENGINEERING	PRINCETON JUNCTION, NJ 08550		
03692	MAGTROL, INC.	WEST BUFFALO, NY 14224		
03933	ARMSTRONG MACHINE WORKS	THREE RIVERS, MI 49093		
03990	ARO CORP.	BYRON, OH 93506		
04034	TRANSAMERICA DELAVAL INC. GEMS SENSOR DIVISION	PLAINVILLE, CT 06062		
04845	AUTOMATIC SWITCH CO.	FLORHAM PARK, NJ 07932		
05842	DYNEX/RIVETT INC.	PEWAUKEE, WI 53072		
05918	ACROMAG INC.	WIXOM, MI 48096		
06023	REGO CO.	ELON COLLEGE, NC 27244		
07064	THE LEE CO.	WESTBROOK, CT 06498		
07282	FAIRCHILD INDUSTRIES, INC.	WINSTON-SALEM, NC 27105		
07355	AIRPAX CORP.	FT. LAUDERDALE, FL 33312		
07482	GEN. ELECTRIC	CINCINNATI, OH		
11780	NUMATIC ENGINEERING	LOS ANGELES, CA 90039		
12623	WHITEY CO.	HIGHLAND HEIGHTS, OH 44143		
13636	BARRY CONTROLS	CARLSBAD, CA 92008		F

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L	234691	88 11 30	M	234695	88 12 05	N	234705 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

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FSCM NO	NAME	ADDRESS	REV CODE	REV
13669	TESCOM CORP.	MINNEAPOLIS, MN 55441		
13819	LYNCH CORP./COX INSTRUMENT DIV.	DETROIT, MI 48227		
15235	CROUSE-HINDS CO.	SYRACUSE, NY 13221		
16152	DIGITEC CORP.	DAYTON, OH 45401		
16444	SNAPTITE INC.	UNION CITY, PA 16438		
16554	ELECTROID CORP.	SPRINGFIELD, NJ 07081-3115		E
19477	ETI SYSTEMS	OCEANSIDE, CA 92054		
2T258	OWATONNA TOOL CO.	OWATONNA, MN 55060		
22092	LEBOW ASSOCIATES INC.	TROY, MI 48099		
23248	SONY CORP. OF AMERICA/INDUSTRIAL PRODUCTS DIV.	INGLEWOOD, CA		
24346	LUBE DEVICES INC.	MANITOWAC, WI 54220		
27192	EATON CORP.	MILWAUKEE, WI 53216		D
28480	HEWLETT-PACKARD CO	PALO ALTO, CA 94304-1112		G
28963	HOKE INC./CASTLE CONTROL	ANAHEIM, CA 92806		
30839	ORANGE RESEARCH INC.	MILFORD, CT 06460-2848		E
35795	LESLIE CO.	PARSIPPANY, NJ 07054		
38056	DRESSER INDUSTRIES INC.	STRATFORD, CT 06497		
38426	TYLOR ELECTRONIC PRODUCTS	CALGARY, ALBERTA, CANADA T2H2L2		
38428	MCMASTER-CARR SUPPLY CO.	SANTA FE SPRINGS, CA		

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FSCM NO.	NAME	ADDRESS	REV CODE	REV
38508	MARSH INSTRUMENT	SKOKIE, IL 60078		
39428	MCMASTER-CARR CO	CHICAGO, IL 60680		F
43990	NORGREN CO.	LITTLETON, CA 80120		
45681	PARKER FLUID CONNECTORS	ELYRIA, OH 44035		
49234	PROTECTO SEAL CO.	BENSENVILLE, IL 60106		
5D070	OILGEAR CO.	MILWAUKEE, WI 53219		
5E642	NEWARK ELECTRONICS	INGLEWOOD, CA 90304		F
51205	RACINE DANA	RACINE, WI 53401		D
51518	SENSOTEC INC.	COLUMBUS, OH 43212		
53477	SCOVILL INC./FLUID POWER DIV.	WAKE FOREST, NC 27587		
55420	OPTO 22	HUNTINGTON BEACH, CA 92649		G
57760	PARKER HANNIFIN CORP. HYDRAULIC VALVE DIV.	ELYRIA, OH 44035		
58677	DCI INC.	OLATHE, KS 66061		
59165	NORMAN EQUIPMENT CO./FILTER DIV.	BRIDGEVILLE, IL 60454		
59180	TRANSAMERICA DELAVAL/IMO PUMP DIV.	MONROE, NC 28110		
59793	HYON CORP.	BETHLEHEM, PA 18001		
62628	FINITE FILTER	OXFORD, MI 48051		
65099	COMPACT CONTROLS	HILLSBORO, OR 97123		
67049	YOUNG RADIATOR CO.	EL MONTE, CA 91732		

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2 ITEM DELETED 4 ZONE, SHEET OR DATE CHG 6 NOMENCLATURE CHG 8 GENERAL CHG A PARTIAL ITEM ADDED C PARTIAL QTY CHG

FSCM NO.	NAME	ADDRESS	REV CODE	REV
70642	ATKOMATIC VALVE CO.	INDIANAPOLIS, IN 46201		
70986	AZONIX	BURLINGTON, MA 01803		
73138	BECKMAN IND. CORP.	FULLERTON CA 92634		
73168	KIDDE INC./FENWAL INC. DIV.	ASHLAND, MD 01721		
74829	ILSCO	CINCINNATI, OH 45227		F
75236	KAYE AND MAC DONALD INC.	WEST ORANGE, NJ 07052		
79142	VEEDER-ROOT CO.	HARTFORD, CT 06102		
80103	VEECO INSTRUMENT INC.	MELVILLE, NY 11746		
81073	GRAYHILL, INC.	LA GRANGE, IL 60525		
81400	HASKEL ENG. & SUPPLY CO.	BURBANK, CA 91502		D
86768	TELEDYNE INC./TELEDYNE REPUBLIC MFG.	CLEVELAND, OH 44142		
87664	WWR SCIENTIFIC	LOS ANGELES, CA 90054		
88078	CASCO INC., SUB OF RILEY CORP.	ELLSWORTH KS 67439		
89307	TELEDYNE INDUSTRIES INC./TELEDYNE SPRAGUE ENGRG.	GARDENA, CA 90248		
89326	TRANSAMERICA DELAVAL INC. BARKSDALE CONTROLS DIVISION	LOS ANGELES, CA 90058		
91816	BRUNSWICK CORP., CIRCLE SEAL CONTROL TECHNETICS DIV.	ANAHEIM, CA 92803		
96259	FLUID CONTROLS INC	MENTOR, OH 44060		G

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	66029	04 23 87			VEN ACCESSORY TEST STAND, F404	VL37C686		60 OF 60	N

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2. ITEM DELETED 4. ZONE, SHEET OR DATE CHG 6. NOMENCLATURE CHG 8. GENERAL CHG A. PARTIAL ITEM ADDED C. PARTIAL QTY CHG

FSCM NO.	NAME	ADDRESS	REV CODE	REV
96432	DANA CORP. GERBING DIV.	TOLEDO, OH 43699		
97111	PARKER HANNIFIN CORP.	MINNEAPOLIS, MN 55427		
98424	AMERACE CORP. AGASTAT DIV.	HECKETTSTOWN, NJ 07840		
98991	WORCHESTER VALVE CO.	WORCHESTER, MA 01601		
99195	THERMOELECTRIC CO.	SADDLEBROOK, NJ 07662		
B	NES CORP.	CARPENTERSVILLE, IL 60110		
C	FLO-TRON INC.	PARSIPPANY, NJ 07054		
D	AMERICAN FAN CO.	FAIRFIELD, OH 01803		
E	PRICE PUMP CO.	SONOMA, CA 95476		
G	MAGNALOY CO	ALPENA, MI 49707		F
H	OMEGA ENGINEERING	STANDFORD, CN 06907		H
J	SVF INC	LOS ANGELES, CA 90058		J

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	66029	04 23 87	N1		VEN ACCESSORY TEST STAND F404	PL37C686		01 OF 60	N

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ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
1		ASSEMBLY		X									
2	987E383G01	STRUCTURE		1									C
3	987E391G01	PLUMBING		1									F
4	987E432G01	CONDUIT		1									F
5	987E384	NAMEPLATE SCHEDULE		X									L
6	987E431G01	TEST KIT ASSEMBLY		1									F
7	NP136931B1	NAMEPLATE, G.E. LOGO		1									L
8	271A4170G01	60 DAY PROVISIONING		X									L
9	271A4167G01	CRITICAL ITEM SPARES		X									L
10	136D9460G01	CABLE, LVDT		1									N
11	A-SPB	HOLE SEAL	00843	1									J
12	987E495P01	LVDT CAL FIXTURE ENCLOSURE		1									M
13		NOT USED											F
14	987E378G01	ENCLOSURE, SOUND PROOF		1									C
15	UC-4200-T10	CUPMOUNT	13636	8									H
16	THRU 19	NOT USED											C

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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	66029	04 23 87	N1		VEN ACCESSORY TEST STAND, F404	PL37C686		02 OF 60	N

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20	G-1000	COUPLING, FLEXIBLE, SHAFT ONE HUB BORED TO 1.250 ±.001 DIA WITH 5/8 WIDTH 5/16 DEPTH KEYWAY ONE HUB BORED TO 1.625 ±.001 WITH 5/8 WIDTH, 5/16 DEPTH KEYWAY	96432	1									
21	THRU 34	NOT USED											
35	987E421G01	FIXTURE, TEST, ACTUATOR AND TRANSMITTER		1									E
36	168C8451P01	SHAFT, COUPLING		1									C
37		NOT USED											C
38	987E417G01	ADAPTER, MOUNTING, TORQUE TRANSDUCER		1									C
39	987E360G01	MOUNTING PAD, POWER UNIT		1									C
40	TJE-3775-04	TRANSDUCER, PRESSURE, 0-100 PSIG 1/4" FNPT AND 7/8-14 UNF EXTERNALLY THREADED PORT, ±0.1% ACCURACY FULL SCALE, 0-5 VDC OUTPUT W/INTERNAL AMPLIFIER, MECH. STOPS AND MATING CONNECTOR	51518	3									B
41		SAME AS 40		/									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO. & QUANTITY								REV CODE	REV
				GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8		
42		SAME AS 40		/									
43	TJE-3775-03	TRANSDUCER, PRESSURE 0-200 PSIG 1/4" FNPT AND 7/8-14 UNF EXTERNALLY THREADED PORT, ±0.1% F.S ACCURACY 0-5 VDC OUTPUT W/ INTERNAL AMPLIFIER, MECH. STOPS AND MATING CONNECTOR	51518	1									B
44	TJE-3775-01	TRANSDUCER, PRESSURE 0-500 PSIG 1/4" FNPT AND 7/8-14 UNF EXTERNALLY THREADED PORT, ±0.1% F.S ACCURACY 0-5 VDC OUTPUT, W/ INTERNAL AMPLIFIER MECH. STOPS AND MATING CONNECTOR	51518	4									B
45		SAME AS 44		/									
46		SAME AS 44		/									
47		SAME AS 44		/									

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ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY								REV CODE	REV
				GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8		
48	TJE-3776-01	TRANSDUCER, PRESSURE 0-1000 PSIG 1/4" FNPT AND 7/8-14 UNF EXTERNALLY THREADED PORT, ±0.1% F.S ACCURACY 0-5 VDC OUTPUT W/ INTERNAL AMPLIFIER MECH. STOPS AND MATING CONNECTOR	51518	2									F
49		SAME AS 48		/									
50	TJE-3771-02	TRANSDUCER, PRESSURE 0-5000 PSIG 1/4" FNPT AND 7/8-14 UNF EXTERNALLY THREADED PORT, ±0.1% F.S ACCURACY 0-5 VDC OUTPUT W/ INTERNAL AMPLIFIER AND MATING CONNECTOR	51518	1									B
51	TJE-3771-03	TRANSDUCER, PRESSURE 0-7500 PSIG 1/4" FNPT AND 7/8-14 UNF EXTERNALLY THREADED PORT, ±0.1% F.S ACCURACY 0-5 VDC OUTPUT, W/ INTERNAL AMPLIFIER AND MATING CONNECTOR	51518	1									B

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
52	TJE-3771-05	TRANSDUCER, PRESSURE 0-10000 PSIG 1/4" FNPT AND 7/8-14 UNF EXTERNALLY THREADED PORT, ±0.1% F.S ACCURACY 0-5 VDC OUTPUT, W/ INTERNAL AMPLIFIER AND MATING CONNECTOR	51518	1									B
53	THRU 59	NOT USED											
60	TJE-5404-01	TRANSDUCER, DIFFERENTIAL PRESSURE 0-15 PSID, 1500 PSIG LINE RATED 4-WTX-WLN-SS BULKHEAD FITTINGS, ±0.1% F.S ACCURACY, 0-5 VDC OUTPUT W/ INTERNAL AMPLIFIER, MECH. STOPS AND MATING CONNECTOR	51518	1								C	
61	THRU 69	NOT USED											
70	4.5-1377SS-02B0-160	GAGE, PRESSURE 4 1/2" SIZE 0-160 PSIG 1/4" NPT BACK CONNECTION ±2% ACCURACY	38056	2									H
71		SAME AS ITEM 70		/									H
72	THRU 89	NOT USED											

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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	66029	04 23 87	NI		VEN ACCESSORY TEST STAND, F404	PL37C686		06 OF 60	N

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90	FT4-8AEU3-LAA -1	FLOWMETER TURBINE 0.06 TO 3.0 GPM REPEATABLE RANGE CALIBRATE FOR MIL-L-23699 OIL USING UNIVERSAL VISCOSITY CALIBRATION METHOD AT 10 POINTS.	18316	3									F
91		SAME AS 90		/									
92		SAME AS 90		/									
93	FT.08AEU3-LAA -1	FLOWMETER, TURBINE 0.20 TO 10 GPM REPEATABLE RANGE CALIBRATE FOR MIL-L-23699 OIL USING UNIVERSAL VISCOSITY CALIBRATION AT 10 POINTS.	18316	2									F
94		SAME AS 93		/									K
95	FTO-2AINB-LHC -1	TURBINE FLOWMETER, RANGE 0.008 TO .08 GPM CALIB FOR USE WITH MIL-L-23699 OIL AT 90 DEG F, 34CS	18316	1									L
96	THRU 99	NOT USED											K

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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100	SS-6LRF4	VALVE, NEEDLE, 1/4" FNPT, 5000 PSIG, PANEL MOUNT NUT, 316 SST & TFE PACKING, REGULATING STEM, PHENOLIC KNOB, CV = .085	12623	1									K
101	N1316	VALVE, NEEDLE, 3/4" FNPT, W/PANEL ADAPTATION KIT 9-1484-1S3	38508	2									K
102		SAME AS 101		/									K
103	THRU 109	NOT USED											K
110	SS-43YF2	VALVE, BALL, 4-WAY 1/8" FNPT 316 SS CV=0.08	12623	2									
111		SAME AS 110		/									
112	SS-44F4	VALVE, BALL 1/4" FNPT 316 SS CV= 3.0	12623	1									H
113	PE4-0001-212-135A	VALVE, BLOCK 3-WAY, 2 POSITION WITH/SELECTOR HEAD	11780	1									E
114		NOT USED											D
115	1/4-A36TT	VALVE, BALL, IN-LINE MOUNTING 316 SST, 1/4" FNPT	01029	2									H
116		SAME AS 115		/									
117		NOT USED											H

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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FSCM NO.	ORIGINAL	APPO	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
66029	04 23 87	N1		VEN ACCESSORY TEST STAND. F404	PL37C686		08 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
118		NOT USED											H
119		NOT USED											H
120		NOT USED											H
121		NOT USED											H
122	3/4"-21-1100TT-O	VALVE, BALL, BRONZE BODY 3/4"FNPT	01029	1									B
123	1"A36TT	VALVE, BALL, IN-LINE MTG 316 SST, 1" FNPT	01029	1									
124	T932T-2PP(P)	VALVE, TOGGLE, 1/4" FNPT PORTS	91816	6									
125		SAME AS 124		/									
126		SAME AS 124		/									
127		SAME AS 124		/									
128		SAME AS 124		/									
129		SAME AS 124		/									
130	7115F4Y-8H	VALVE, BALL, 1/4" FNPT SST BODY 6000 PSIG PANEL MOUNT, W/MODIFIED HANDLE (SMALL, BLACK)	28963	13									K
131		SAME AS 130		/									
132		SAME AS 130		/									
133		SAME AS 130		/									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO	ORIGINAL	APPD	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		09 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO CHG 6. NOMENCLATURE CHG 7. ITEM NO CHG 8. GENERAL CHG 9. FSCM NO CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
134		SAME AS 130		/									
135		SAME AS 130		/									K
136		SAME AS 130		/			o						K
137	SS-44F4	VALVE, BALL, 1/4 FNPT 316 SS CV-3.0	12623	1									L
138	1"-A4436TT	VALVE, BALL, ALL ALLOY, SS TRIM TFE SEATS	01029	1									
139	SS-7RF8	VALVE, REGULATING 1/2" FNPT CV=1.2 SST	12623	2									
140		SAME AS 139		/									
141	3/4"-A36TT	VALVE, BALL, IN-LINE MTG. 316SST 3/4" FNPT	01029	1									
142	N1312	VALVE, NEEDLE, 10000 PSI, SS BODY 1/4 FNPT W/PANEL MOUNT KIT 9-1483-1S3	38508	2									J
143		SAME AS 142		/									
144		NOT USED											J
145		NOT USED											L
146	1/4"-A11TT	VALVE, BALL, 1/4 NPT, IN-LINE BRONZE BODY	01029	1									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND, F404	PL37C686		10 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
147	1 1/2"-A4436TT	VALVE, BALL, ALL ALLOY SS TRIM, TFE SEATS	01029	1									
148	1 1/2"-416TT-SE	VALVE, BALL, 1 1/2" FNPT, TEFLON SEATS AND SEALS BRASS BODY	98991	1									
149		NOT USED											J
150		SAME AS ITEM 130		/									J
151		SAME AS ITEM 130		/									J
152		SAME AS ITEM 130		/									J
153		SAME AS ITEM 130		/									J
154		SAME AS ITEM 130		/									J
155		SAME AS ITEM 130		/									J
156	7115FAY	VALVE, BALL, 1/4" FNPT, SST BODY 6000 PSIG, PANEL MOUNT, STANDARD LONG HANDLE	28963	1									K
157	THRU 159	NOT USED											K
160	D3W1HVY	VALVE, SOLENOID OPERATED, 120V 50/60 HZ COIL, SPRING DETENT, 3-WAY 2 POSITION, 3000 PSIG, WITH	57760	2									L
	HD02-50-S WCD	SUBPLATE, SIDE PORTS, 1/2" FNPT											
	BK226	BOLT KIT											

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO	ORIGINAL	APPD	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	N1		VEN ACCESSORY TEST STAND F404	PL37C686		11 OF 60	N

REVISION CODES: 1 ITEM OR ASSY ADDED; 2 ITEM DELETED; 3 QUANTITY CHG; 4 ZONE, SHEET OR DATE CHG; 5 IDENT NO CHG; 6 NOMENCLATURE CHG; 7 ITEM NO CHG; 8 GENERAL CHG; 9 FSCM NO CHG; A PARTIAL ITEM ADDED; B PARTIAL ITEM DELETED; C PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
161		SAME AS 160		/									
162	HSSV0604-OR BB1-08-A	VALVE, SOLENOID, SHUT-OFF, N.O 5000 PSIG, 120V, 50/60HZ COIL, WITH BODY, -8 SAE PORTS	5D070	1									C
163	8316A75	VALVE, 3-WAY SOLENOID, 120V 50/60HZ COIL, N.C, 3/4" FNPT	04845	1									B
164	8302D4U-120V60HZ	VALVE, 3 WAY, SOLENOID, 120V 50/60 HZ COIL, N.C, 3/8" FNPT	04845	1									L
165	THRU 166	NOT USED											K
167	8316C15	VALVE, SOLENOID SHUT OFF N.C 120 V, 50/60 HZ COIL, 1/4 NPT, 120 PSIG AIR	04845	1									L
168	CP500-2-V-3P 120A-C	VALVE, SOLENOID SHUT OFF, N.O. 120V 50/60 HZ COIL 3000 PSIG 3/8" FNPT VITON SEALS	65099	1									
169	DT-01-EN02 YV01 W/ PDT014S	VALVE, 3 WAY SOLENOID, 10,000PSIG 115 VAC, VITON, W/SUBPLATE -4 SAE	16444	2									H

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	N1		VEN ACCESSORY TEST STAND F404	PL37C686		12 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED; 2. ITEM DELETED; 3. QUANTITY CHG; 4. ZONE, SHEET OR DATE CHG; 5. IDENT NO. CHG; 6. NOMENCLATURE CHG; 7. ITEM NO. CHG; 8. GENERAL CHG; 9. FSCM NO. CHG; A. PARTIAL ITEM ADDED; B. PARTIAL ITEM DELETED; C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
170		SAME AS ITEM 169		/									J
	HD01-38S WCD	SUBPLATE, 3/8" FNPT SIDE PORTS											
	BK210	BOLT KIT											
171		NOT USED											J
172	D3W8CVY	VALVE, DUAL SOLENOID OPERATED 120V 50/60 HZ COIL SPRING CENTERED 4-WAY, 3 POSITION 3000 PSIG WITH	57760	1									
	HD02-50-S WCD	SUBPLATE, 1/2" FNPT SIDE PORTS											
	BK226	BOLT KIT											
173		NOT USED											J
174		NOT USED											J
175	THRU 179	NOT USED											
180	1"-2256	VALVE, CONTROL FLOW 1" FNPT BRONZE BODY, SS TRIM, TEFLON SEAT ACTUATOR N.C AIR TO OPEN 15 PSIG	88078	3									
181		SAME AS 180		/									
182		SAME AS 180		/									
183		NOT USED											L

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		13 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
184	3/8-R36666TTSE W/ES 2.5 W/ SOLENOID	VALVE, BALL W/ PNEU ACTUATOR & SOLENOIC, 120 VAC, 3/8" NPT, TEFLON SEALS, SST	J	5									K
185		SAME AS ITEM 184		/									J
186		SAME AS ITEM 184		/									K
187		SAME AS ITEM 184		/									K
188		SAME AS ITEM 184		/									K
189	THRU 199	NOT USED											K
200	TCV-500S/VITON	VALVE, CHECK, 1/2" FNPT, 5000 PSIG VITON SEALS	06023	7									C
201		SAME AS 200		/									
202		SAME AS 200		/									
203		SAME AS 200		/									
204		SAME AS 200		/									
205		SAME AS 200		/									
206		SAME AS 200		/									
207		NOT USED											F
208	TCV-750S/VITON	VALVE, CHECK 3/4" FNPT, 1000 PSI VITON SEALS	06023	1									
209	THRU 210	NOT USED											

L REV	234691 CID NO.	88 11 30 YR MO DA REVISED	M REV	234695 CID NO.	88 12 05 YR MO DA REVISED	N REV	234688 CID NO. 697,704	88 12 14 YR MO DA REVISED	J REV	234681 CID NO.	88 08 25 YR MO DA REVISED	K REV	234683 CID NO.	88 10 20 YR MO DA REVISED

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		14 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
211	89393-31	VALVE, CHECK, 1/4" FNPT 30000 PSIG, NITRITE SEALS	89307	1									L
212	483-1/2-D28-2	VALVE, CHK, 1/2" FNPT, ALUM, VITON SEAL, 2 PSI CRACKING PRESS.	86768	1									F
213	6F-C6L-1/3-SS	CHECK VALVE, 3/8" FNPT, 1/3 PSI CRACKING PRESSURE, 5000 PSIG SST	57760	1									J
214	THRU 220	NOT USED											J
221	583-1 1/2 D1	VALVE, CHECK, 1 1/2" FNPT CRACKING PRESSURE 8" WATER CV-153	86768	1									
222	THRU 227	NOT USED											H
228	TT-T-20	THERMOCOUPLE WIRE "TYPE T" 20 GA, 250 FT	H	1									H
229	CO-45203	THERMOCOUPLE JACK, COPPER CONSTANTAN	99195	16									H
230	T316U-304-SS 1/4-6"-0-L	THERMOCOUPLE, COPPER-CONSTANTAN UNGROUNDED JUNCTION, 304 SS SHEATH, ADJUSTABLE PROBE DEPTH, 1/4 MNPT FITTING, 6" PROBE LENGTH NO LEAD, STD QUICK COUPLING PLUG	99195	16									
231		SAME AS 230		/									

L REV	234691 CID NO.	88 11 30 YR MO DA REVISED	M REV	234695 CID NO.	88 12 05 YR MO DA REVISED	N REV	234688 CID NO. 697,704	88 12 14 YR MO DA REVISED	J REV	234681 CID NO.	88 08 25 YR MO DA REVISED	K REV	234683 CID NO.	88 10 20 YR MO DA REVISED

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO	ORIGINAL	APPD	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		15 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO CHG 6. NOMENCLATURE CHG 7. ITEM NO CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
232		SAME AS 230		/									
233		SAME AS 230		/									
234		SAME AS 230		/									
235		SAME AS 230		/									
236		SAME AS 230		/									
237		SAME AS 230		/									
238		SAME AS 230		/									
239		SAME AS 230		/									
240		SAME AS 230		/									
241		SAME AS 230		/									
242		SAME AS 230		/									
243		SAME AS 230		/									
244		SAME AS 230		/									
245		SAME AS 230		/									
246	THRU 259	NOT USED											

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND, F404	PL37C686		16 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
260	1615K-500	TRANSDUCER, TORQUE, ROTARY TRANSFORMER TYPE .3-28KHZ EXCITATION VOLTAGE, 2-2.5MV/V OUTPUT, FLANGE MOUNT W/ZERO VELOCITY SPEED SENSOR AND MATING CONNECTORS	22092	1									A
261	2514-10	TRANSDUCER TORQUE, REACTION W/MATING CONNECTOR	22092	1									A
262	THRU 299	NOT USED											
300	E9SC-1	STRAINER, SS BODY, 1" NPT SCREWED ENDS 100X100 MESH SS SCREEN	03933	1									A
301	E9SC-1 1/2	STRAINER, SST BODY, 1 1/2" FNPT SCREWED ENDS, 100 X 100 MESH SST SCREEN	03933	1									F
302	F5SC-1 1/2	STRAINER Y-TYPE 1 1/2" FNPT, BRONZE BODY 20X20 MESH MONEL SCREEN	03933	1									
303	THRU 309	NOT USED											

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPO	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	N1		VEN ACCESSORY TEST STAND F404	PL37C686		17 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
310	LFVB110G3C1.0/ V-12	FILTER, OIL, 3 MICRON ABSSOLUTE 1500 PSI, SAE-12 PORTS, SST WIRE MESH ELEMENT W/ELECTRICAL CLOGGING INDICATOR 1/4" FNPT DRAIN PORT VITON SEALS	59793	3									K
311	LFVB60G3C1.0/ V12	FILTER, OIL, 3 MICRON ABSOLUTE 1500 PSI, SAE-12 PORTS, SST WIRE MESH ELEMENT WITH ELECTRICAL CLOGGING INDICATOR 1/4" FNPT DRAIN PORT VITON SEALS		2									K
312		SAME AS 311		/									K
313	DFVB60G3C 1.0/5-V	FILTER, OIL 3 MICRON ABSOLUTE 6000 PSIG, 3/4" NPT SST WIRE MESH ELEMENT W/ELEC. CLOGGING INDICATOR, VITON SEALS	59793	1									K
314		SAME AS ITEM 310		/									K
315		SAME AS ITEM 310		/									K

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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	66029	04 23 87	N1		VEN ACCESSORY TEST STAND F404	PL37C686		18 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
316	U-131 C/W535G02DN	FILTER, TEE TYPE 10 GPM, 10000 PSIG WORKING PRESSURE, 2 MICRON ABSOLUTE DELTA P INDICATOR, 1/4 SAE DRAIN PORT SST MESH ELEMENT, 1/2"SAE PORTS VITON SEALS	59165	1									L
317	DFVBH110G3C 1.0/V-12	FILTER, BI-DIRECTIONAL, 3 MICRON ABSOLUTE, SST WIRE MESH ELEMENT 6000 PSI WORKING PRESS. -12 SAE PORTS W/ELECTRICAL CLOGGING INDICATOR 1/4"FNPT DRAIN PORT VITON SEALS	59793	1									K
318	DFVBH110G3C 1.0/V-5	FILTER, BI-DIRECTIONAL, 3 MICRON ABSOLUTE SST WIRE MESH ELEMENT 6000 PSI WORKING PRESS., 3/4" NPTF PORTS W/ELECTRICAL CLOGGING INDICATOR 1/4" FNPT DRAIN PORTS, VITON SEALS	59793	1									K

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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GENERAL ELECTRIC
AIRCRAFT ENGINE GROUP
CHINO, CALIFORNIA

FSCM NO	ORIGINAL	APPD	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		19 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
319	UH2K-3PU10-050 W/VSA-13	FILTER AIR, 3 MICRON, 1/2 FNPT 133 SCFM AT 100 PSIG, AUTO DRAIN W/1/8" MNPT, DELTA P INDICATOR, MNTG. BRACKET	62628	1									F
320	UH2K-6C10-050 W/VSA-13	FILTER, COALESCING TYPE, 1/2" FNPT PORTS 99.9% OIL REMOVAL EFF. 0.3 MICRON, AUTO DRAIN W/SUMP, 1/8" MNPT, DELTA P INDICATOR, MNTG. BRACKET	62628	1									F
321	THRU 329	NOT USED											
330	SSF-301-HY-2P	HEAT EXCHANGER, SST, 1" FNPT TUBE 1" FNPT SHELL CONNECTIONS 1/4"DIA SST TUBES. COOLING WATER IN AT 70 DEG. F., 8.5 GPM 1.0 PSI MAX PRESSURE DROP SHELL SIDE CONDITIONS MIL-L-23699 OIL 8.5 HP INPUT OUT AT 100 DEG. F. FLOW 2.7 GPM 1.0 PSID MAX PRESSURE DROP 2 PASS	67049	1									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC
AIRCRAFT ENGINE GROUP
CHINO, CALIFORNIA

FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		20 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
331	SSF-302-HR-2P	HEAT EXCHANGER, SST 1" FNPT TUBE 1" FNPT SHELL CONNECTIONS 3/8"DIA SST TUBES. TUBE SIDE CONDITIONS COOLING WATER AT 70 DEG. F. 1.0 PSI MAX PRESSURE DROP AT 8.5 GPM SHELL SIDE CONDITIONS MIL-L-23699 OIL 15 H.P. INPUT OUT AT 100 DEG. F. FLOW 6.5 GPM MAX PRESSURE DROP GPSID 2 PASS	67049	1									
332	SSF-502-EY-4P	HEAT EXCHANGER, SST 1" FNPT TUBE 1 1/2"FNPT SHELL CONNECTIONS 1/4" DIA SST TUBES COOLING WATER IN AT 70 DEG. F. 8.5 GPM 1.0 PSI MAX PRESSURE DROP SHELL SIDE CONDITIONS MIL-L-23699 OIL 12 HP MAX OIL OUT AT 90 DEG. F. 10 OR 12 GPM FLOW 1.0 PSID MAX PRESS. DROP, 4 PASS	67049	1									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO	ORIGINAL	APPD	DIST. CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		21 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 3. QUANTITY CHG 5. IDENT NO. CHG 7. ITEM NO. CHG 9. FSCM NO. CHG B. PARTIAL ITEM DELETED; 2. ITEM DELETED 4. ZONE, SHEET OR DATE CHG 6. NOMENCLATURE CHG 8. GENERAL CHG A. PARTIAL ITEM ADDED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
333	C6F15N18M4	HEATER, CIRCULATION, 23 W/IN X IN INCOLOY SHEATH ELEMENTS, 15KW RATED, 480V 60HZ 3 PHASE, W/TYPE K OVER-TEMP THERMOCOUPLE WELDED TO SHEATH	7R305	1									A

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		22 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 3. QUANTITY CHG 5. IDENT NO. CHG 7. ITEM NO. CHG 9. FSCM NO. CHG B. PARTIAL ITEM DELETED; 2. ITEM DELETED 4. ZONE, SHEET OR DATE CHG 6. NOMENCLATURE CHG 8. GENERAL CHG A. PARTIAL ITEM ADDED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
334	CPA-12-40-4	CONTROL PANEL, HEATER, INTERNALLY MOUNTED THERMAL MAGNETIC CIRCUIT BREAKER W/MECHANISM, CONTROL TRANSFORMER, CONTROL MERCURY CONTRACTOR SAFETY MAGNETIC CONTACTOR ELECTRONIC OVER-TEMP CONTROLLER FUSES AND TERMINAL STRIPS. ALSO INCLUDING THE FOLLOWING LOOSELY SUPPLIED COMPONENTS FOR OPERATOR PANEL MOUNTING: FENWALL 550 INDICATING ELECTRONIC TEMP CONTROLLER GE CR104MB12103 ON-OFF SWITCH GE CR104MC5323 POWER-ON LIGHT GE CR104MC7323 HEAT-ON LIGHT GE CR104ME43216 ILLUMINATED RESET BUTTON	7R305	1									A
335	THRU 339	NOT USED											

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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	66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		23 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

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340	C:G-32010 RIP-009	PUMP POSITIVE DISPLACEMENT 4 GPM AT 500 PSIG "C" FACE MOTOR BRACKET, LOVEJOY COUPLING MNTD. ON 2 HP "C" FLANGE MOTOR 460V 3 PHASE 60 HZ, 1750 RPM INLET 1 1/4"NPT SAE 4 BOLT PAD OUTLET 3/4" NPT SAE 4 BOLT PAD	59180	1									B
341	C5-RH-F2 PFC-10S B-21	PUMP, HYDRAULIC RADIAL .14 PISTON 1200 RPM SPLIT FLOW, 6.8 GPM @ 500 PSI & 0.75 GPM @ 9020 PSI, VITON "O" RINGS, 1" NPT INLET, 3/4" NPT LOW PRESSURE OUTLET W/FOOT MOUNTING BRACKETS AND BOLT KIT	51205	1									C
342	MODEL 666100-333 B	PUMP OIL, AIR OPERATED 1:1 RATIO ALUMINUM BODY, VITON "O" RINGS AND DIAPHRAGM 3-5 GPM AT 20 PSIG AIR INLET PRESSURE	03990	1									D
343		NOT USED											D
344	THRU 350	NOT USED											B

L REV	234691 CID NO.	88 11 30 YR MO DA REVISED	M REV	234695 CID NO.	88 12 05 YR MO DA REVISED	N REV	234688 CID NO. 697,704	88 12 14 YR MO DA REVISED	J REV	234681 CID NO.	88 08 25 YR MO DA REVISED	K REV	234683 CID NO.	88 10 20 YR MO DA REVISED

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST. CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	NI		VEN ACCESSORY TEST STAND. F404	PL37C686		24 OF 60	N

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351	136D9378P04	BEZEL, 3/4" FNPT BOTH ENDS		2									D
352		SAME AS 351		/									B
353	136D9378P05	BEZEL, 1" FNPT BOTH ENDS		2									D
354		SAME AS 353		/									B
355	136D9378P07	BEZEL, 1 1/2" FNPT BOTH ENDS		2									D
356		SAME AS 355		/									B
357	THRU 399	NOT USED											B
400	11-002-067	REGULATOR, PRESSURE, AIR 2-125 PSIG, 1/2" FNPT 0-160 PSIG GAGE P/N 18-013-204	43990	2									
401		SAME AS 400		/									
402	11-002-069	REGULATOR, PRESSURE, AIR 1-50 PSIG 1/2" FNPT WITH 0-60 PSIG GAGE P/N 18013-202	43990	1									
403	THRU 408	NOT USED											C
409		NOT USED											K
410	80451	REGULATOR, PRESSURE, AIR 0-100 PSIG 1/8 FNPT, PANEL MOUNT	07282	2									K
411		SAME AS 410		/									K

L REV	234691 CID NO.	88 11 30 YR MO DA REVISED	M REV	234695 CID NO.	88 12 05 YR MO DA REVISED	N REV	234688 CID NO. 697,704	88 12 14 YR MO DA REVISED	J REV	234681 CID NO.	88 08 25 YR MO DA REVISED	K REV	234683 CID NO.	88 10 20 YR MO DA REVISED

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO	ORIGINAL	APPO	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	N1		VEN ACCESSORY TEST STAND F404	PL37C686		25 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

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412	642B-2-3/8-28	VALVE, RELIEF, 3/8 FNPT 17-50 PSI RANGE, VITON SEALS, SST BODY	86768	1									
413	THRU 419	NOT USED											
420	8821-03-1/2-LLP-V	VALVE, RELIEF BALANCED SPOOL PILOT OPERATED 20-500 PSI RANGE 1/2" FNPT, VITON SEALS	05842	1									
421	KM TYPE 6	VALVE RELIEF AIR-LOADED, SST BODY 1/2" FNPT PORTS, FOR USE WITH MIL-L-23699 FLUID 100 PSI MAX	75236	1									
422	642B-6-3/4-28	VALVE RELIEF, 10 GPM 430-650 PSI RANGE, PRE-SET AT 500 PSI CRACKING PRESSURE, VITON SEALS SST BODY, 3/4" FNPT PORTS	86768	1									
423	642B-5-1/2-28	VALVE, RELIEF, 235-450 PSI RANGE PRE-SET AT 400 PSI VITON SEALS SST BODY 1/2" FNPT PORTS	86768	1									K
424		NOT USED											G
425	5332T-2PP-9400	VALVE, RELIEF, 1/4" FNPT 4000-10,500 PSI	91816	1									J

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA

FSCM NO.	ORIGINAL	APPO	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
66029	04 23 87	N1		VEN ACCESSORY TEST STAND, F404	PL37C686		26 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

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426	27741-2	VALVE, RELIEF, 1/4" FNPT, 1000-10000 PSIG, VITON/TFE SEAT PANEL MOUNT	81400	1									
427	L5332T-2PP-4800	RELIEF VALVE, SST, 1/4" NPT VITON, 3890-7560 PSI RANGE, SET AT 4800 PSIG	91816	1									H
428	THRU 429	NOT USED											G
430	8820-01-LP-V	VALVE, RELIEF, REMOTE CONTROLLER, 50-1000 PSI RANGE, 1/4" FNPT, VITON SEALS PANEL MOUNT	05842	1									H
431	1A32-R-8T-10SV	VALVE RELIEF; PILOT OPERATED SLIDING SPOOL TYPE WITH HAND KNOB ADJUSTMENT. 25 TO 1000 PSI ADJ VITON SEALS, 1/2 SAE PORTS	96259	1									H
432	DBDH10G1X/630/V/5	VALVE, RELIEF, 1/2" NPT, 0-9150 PSI, HANDKNOB, VITON, PANEL MOUNT	27005	1									H
433	DBDH10G1X/400/V/5	VALVE, RELIEF, 1/2 NPT, 0-5800 PSI, HANDKNOB, VITON, PANEL MOUNT	27005	1									H

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		27 OF 60	N

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434	54-2027T24	VALVE, PRESSURE REGULATOR 0-500 PSIG, 303 SST, 1/4" NPT, PANEL MOUNT, W/EXTERNAL VENT PORT	13669	1									H
435	26-1131-282	VALVE, PRESSURE REDUCING DOME LOADED, ALUM. BODY, 1/2" FNPT PORTS	13669	1									
436	THRU 448	NOT USED											B
449	86567	SWITCH LEVEL	04034	2									B
450	86210TYPE2	LEVEL INDICATOR WITH 2 SWITCHES L=14 IN OF INDICATION	04034	1									B
451	987E459G01	LEAKAGE INDICATOR ASSY 0-10 ML		1									H
452	81701	INDICATOR, DRIP, 1/4" FNPT	13819	1									
453	CS14750	INDICATOR, ANODIZED, 1/8" FNPT	24346	4									B
454		SAME AS 453		/									
455		SAME AS 453		/									
456		SAME AS 453		/									
457		NOT USED											J
458	THRU 499	NOT USED											H
500	987E401G01	TANK, OIL, 40 GAL.		1									C
501	136D9370P01	TANK, AIR		1									C

REV	CID NO.	YR I MO I DA REVISED	REV	CID NO.	YR I MO I DA REVISED	REV	CID NO.	YR I MO I DA REVISED	REV	CID NO.	YR I MO I DA REVISED	REV	CID NO.	YR I MO I DA REVISED
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66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		28 OF 60	N

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502	136D9426G01	MANIFOLD, OIL, BLEED RETURN		1									F
503	987E371G01	TANK, OIL, COLLECTOR, 5 GAL.		1									H
504	THRU 519	NOT USED											D
520	D1X-A80SS-UL	SWITCH, PRESSURE, RANGE 3.9-80 PSI, EXPLOSION PROOF, 1/4" FNPT SPDT, OPEN ON INCREASING PRESSURE MAX. PRESSURE 160 PSIG	89326	2									C
521		SAME AS 520		/									
522	D1X-H18SS-UL	SWITCH, PRESSURE, 0.4 TO 18 PSIG 0.8 TOO 30" HG. VACUUM ADJ. RANGE EXP. PROOF 1/4" FNPT	89326	2									C
523		SAME AS 522		/									
524	B1X-A32SS-UL	SWITCH, PRESSURE, SST, RANGE 325-3200 PSI EXP. PROOF 1/4" FNPT SPDT OPEN ON INCREASING PRESSURE MAX. PRESSURE 7200 PSIG	89326	1									C
525	1206PS-1C-58A	SWITCH, DIFF PRESS 0-50 PSID ADJ [illegible] PSI WORKING PRESS. 1/4" [illegible] TS, BUNA-N STATIC 316 SS [illegible] PARTS.	30839	1									

REV	CID NO.	YR I MO I DA REVISED	REV	CID NO.	YR I MO I DA REVISED	REV	CID NO.	YR I MO I DA REVISED	REV	CID NO.	YR I MO I DA REVISED	REV	CID NO.	YR I MO I DA REVISED
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526	THRU 529	NOT USED											
530	80016-7 W/	SWITCH ASY., TEMPERATURE, -100	73168	2									
	17000-0	DEG. F. TO +400 DEG. F RANGE				o							
	SWITCH W/MOD 4												
531		SAME AS 530		/									
532	THRU 549	NOT USED											
550	4612-0012	MUFFLER, AIR, 3/4" MNPT	53477	1									B
551	4602	MUFFLER, AIR, 1/8" MNPT,	53477	1									F
		SINTERED METAL											
552	TYPE BPC-1	CONTROLLER, PILOT TEMPERATURE	35795	3									
		RANGE: 50-150 DEG. F, DIRECT											
		ACTING 20 PSI AIR SUPPLY PRESSURE											
		ADJUSTABLE PROPORTIONAL BAND W/											
		CALIBRATED DIAL 5' 316 SS											
		TUBING, 18-8 SST BULB AND 316 SST											
		STANDARD BULB CASING											
553		SAME AS 552		/									
554		SAME AS 552		/									
555	VDCB1845112H	UNION, LEE, -4, FLARED SST,	07064	4									
		.015" DIA. ORIFICE											

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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66029	04 23 87	NI		VEN ACCESSORY TEST STAND, F404	PL37C686		30 OF 60	N

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556		SAME AS 555		/									
557		SAME AS 555		/									
558		SAME AS 555		/									
559	F519	FLASH ARRESTOR, FILL UNIT, 316SST	49234	1									C
560	F671	FLAME ARRESTOR, 1" FNPT, 316SST	49234	3									N
561		SAME AS 560		/									B
562	5650K11	BLOW GUN, SAFETY W/ 1/4" I.D.	38428	2									K
		RECOILING HOSE, 12' LONG 1/4"											
		MNPT SWIVEL											
563	4-4WGBTX-SS	BULKHEAD CONNECTOR, FEMALE, SST	45681	2									K
		-4AN TO 1/4" FNPT C/W LOCKNUT											
564		SAME AS 563		/									K
555		SAME AS 562		/									K
566		SAME AS 560		/									N
567	THRU 569	NOT USED											J
570	4-FNTX-SS	CAP, -4 AN, SST		10									L
571		SAME AS 570		/									
572		SAME AS 570		/									
573		SAME AS 570		/									B
574		SAME AS 570		/									F

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
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CHINO, CALIFORNIA

FSCM NO	ORIGINAL	APPD	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		31 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO CHG 6. NOMENCLATURE CHG 7. ITEM NO CHG 8. GENERAL CHG 9. FSCM NO CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
575		SAME AS 570		/									
576		SAME AS 570		/									
577		SAME AS 570		/									
578	AA1634-8K-.146	UNION, ORIFICE, .146" DIA, -8 MALE FLARE	06581	1									F
579	THRU 583	NOT USED											L
584		SAME AS 570		/									J
585		SAME AS 570		/									J
586	THRU 587	NOT USED											L
588	SVHC-4-4 57V W/SMPH4	COUPLER ASSY, QUICK DISCONNECT COUPLING 1/4" SIZE, -4MS BULKHEAD, 5000 PSIG W/VALVE & SST DUST PLUG & BULKHEAD LOCKNUT	16444	11									L
589		NOT USED											K
590		SAME AS 588		/									
591		SAME AS 588		/									
592		SAME AS 588		/									
593		SAME AS 588		/									
594		SAME AS 588		/									
595		SAME AS 588		/									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC
AIRCRAFT ENGINE GROUP
CHINO, CALIFORNIA

FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
66029	04 23 87	NI		VEN ACCESSORY TEST STAND F404	PL37C686		32 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
596		SAME AS 588		/									
597		SAME AS 588		/									
598		SAME AS 588		/									
599		SAME AS 588		/									
600	SVHC-8-8 57V W/SMPH8	COUPLER ASSY, QUICK DISCONNECT COUPLING 1/2" SIZE, -8MS BULKHEAD 3750 PSIG W/VALVE & SST DUST PLUG & BULKHEAD LOCKNUT	16444	4									L
601		SAME AS 600		/									
602		SAME AS 600		/									
603		SAME AS 600		/									
604	8-WBTX-SS	UNION, BULKHEAD, -8 FLARED, SST	45681	2									L
605		SAME AS 604		/									
606		NOT USED											L
607	SH71-1C6-6EF-V	COUPLER ASSY, QUICK DISCONNECT COUPLING, 3/8" SIZE, SAE -6 STR. THD., 10,000 PSIG W/VALVE AND CAPTIVE PLASTIC PLUG	16444	1									F

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO	ORIGINAL	APPD	DIST CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	N1		VEN ACCESSORY TEST STAND F404	PL37C686	1	33 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO CHG 6. NOMENCLATURE CHG 7. ITEM NO CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
608	SVHC-6-6 57V W/SMPH6	COUPLER ASSY, QUICK DISCONNECT COUPLING 3/8" SIZE,-6MS BULKHEAD 4000 PSIG W/VALVE & SST DUST PLUG & BULKHEAD LOCKNUT	16444	3									L
609		SAME AS 608		/									
610		SAME AS 608		/									
611	8-WBTX-SS	UNION, BULKHEAD, -8 FLARED SST	45681	2									L
612	THRU 613	NOT USED											L
614		SAME AS 611		/									J
615	6-WBTX-SS	UNION, BULKHEAD, -6 M. FLARE, SST	45681	2									J
616		SAME AS 615		/									J
617	4-WEBTS-SS	UNION ELBOW BULKHEAD, -4, SST	45681	2									H
618		SAME AS ITEM 617		/									H
619	4-WBTX-SS	UNION, BLKHD, -4 FLARE, SST	45681	3									J
620		SAME AS ITEM 619		/									H
621		SAME AS ITEM 619		/									J
622	THRU 649	NOT USED											J
650	790215-157	COUNTER, PREDETERMINING DOWN COUNT	79142	1									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	N1		VEN ACCESSORY TEST STAND, F404	PL37C686		34 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	REV CODE	REV
651	6120W/-19&-31	COUNTER/TIMER	58677	2									
652		SAME AS 651		/									
653	LY-211CM	INDICATOR, POSITION TRANSDUCER UPPER & LOWER LIMITS,W/THUMBWHEEL SWITCHES, LED DISPLAY	23248	1									
654	814-09-29-32	COUNTER, STOPWATCH, TIMER, DCI 9.59.9 MIN/SEC/.1 SEC± 1 DIGIT 115 VAC 50-400 Hz 8 WATTS	58677	2									
655		SAME AS 654		/									
656	C-100-1	POWER SUPPLY, D.C. FIXED 90 V.D.C. AT 1.5 AMP WITH RB08 OCTAL SOCKET	16554	1									E

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	N1		VEN ACCESSORY TEST STAND F404	PL37C686		35 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO	IDENTIFICATION	NOMENCLATURE	FSCM NO	GROUP NO & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
657	EC26B8 W/COIL #1	BRAKE ELECTRIC, FLANGE MOUNTED 15 IN. LB STATIC TORQUE, 7500 RPM MAX 90 VDC, STYLE "T"	16554	1									E
658	THRU 659	NOT USED											
660	2820A-23 W/ 04-23192	DIGITAL PANEL METER, PROCESS VARIABLE NAMEPLATE BLANK 0 TO +5V INPUT 4 DIGIT, 0.02% RDG, FRONT PANEL CONTROL, SCALE AND OFFSET 11/5120V 50/60HZ W/SCREW TERMINAL	16152	14									F
661		SAME AS 660		/									
662		SAME AS 660		/									
663		SAME AS 660		/									
664		SAME AS 660		/									
665		SAME AS 660		/									
666		SAME AS 660		/									
667		SAME AS 660		/									
668		SAME AS 660		/									
669		SAME AS 660											
670		SAME AS 660											

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CHINO, CALIFORNIA	FSCM NO.	ORIGINAL	APPD	DIST.CODE	TITLE	PARTS LIST	SEC	PAGE	REV
	66029	04 23 87	N1		VEN ACCESSORY TEST STAND F404	PL37C686		36 OF 60	N

REVISION CODES: 1. ITEM OR ASSY ADDED 2. ITEM DELETED 3. QUANTITY CHG 4. ZONE, SHEET OR DATE CHG 5. IDENT NO. CHG 6. NOMENCLATURE CHG 7. ITEM NO. CHG 8. GENERAL CHG 9. FSCM NO. CHG A. PARTIAL ITEM ADDED B. PARTIAL ITEM DELETED C. PARTIAL QTY CHG

ITEM NO.	IDENTIFICATION	NOMENCLATURE	FSCM NO.	GROUP NO. & QUANTITY G01	G02	G03	G04	G05	G06	G07	G08	REV CODE	REV
671		SAME AS 660		/									
672		SAME AS 660		/									
673		SAME AS 660		/									
674	2810A-1TW/04-23192	DIGITAL PANEL METER, +/- 199.9 MA INPUT, 3 1/2 DIGIT, 0.08% READING	16152	1									F
675	23-13-060-2	CONSTANT VOLTAGE TRANSFORMER 60 VA	55814	1									K
676	7540-105	INDICATOR, TORQUE, UNIVERSAL STRAIN GAGE TRANSDUCER CONDITIONER INDICATOR, ANALOG OUTPUT, DIGITAL DISPLAY, 1 PART IN ± 1000 RESOLUTION W/A25434 (CENTER)	22092	3									K
677		SAME AS 676		/									
678	1402-TF-1	INDICATOR, TEMPERATURE, TYPE "T" 10 POINT RANGE -300 TO +750 DEG. F READOUT	05918	2									
679		SAME AS 678		/									

REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED	REV	CID NO.	YR MO DA REVISED
L	234691	88 11 30	M	234695	88 12 05	N	234688 697,704	88 12 14	J	234681	88 08 25	K	234683	88 10 20

APPENDIX A

FLOW COMPUTER

INPUT OF

FLOWMETER CALIBRATION DATA

INTRODUCTION

Whenever there is a change in the calibration data, it is necessary to rerun the Flowmeter Equation Computer software to generate an equation for the calibration curve and input that equation into the system. In order to do this task you need an IBM compatible with:

a. At least 10 megabyte hard disk

b. At least 360 K memory

c. One floppy-disk drive

This software needs to be run from hard disk with at least 0.5 megabyte free. Using the 5 1/4-inch floppy disk (894), copy the FLOWUL.AWS, FLOW.BAT and APL.EXE files into a subdirectory named /FLOW on your hard disk. From within the C:\FLOW subdirectory, type FLOW to start the program. From there you will be guided by menus thru a f FTI flowmeter. But before you start you will need to prepare some data files as input if the flow data has changed.

For the GPM equation you will need a *.KFG and a *.VIS file. The diskette of these files is provided with the test stand. These files can be created or modified by using any text editor that does not generate any extra control character at the end of the file, otherwise the program will not recognize them and generate an error.

The data files for the flowmeters originally furnished with the test stand are in the Component Publication Manual filed under tab F (Flo Technology). They are furnished as a sample only and can be used only if the flowmeter data remains the same and the flowmeters are not changed for any other reason.

GENERATION OF NEW DATA FILES

1. Put data disk into drive A:.
2. Go to subdirectory C:\FLOW in your hard disk.
3. Type FLOW to start software. Program will display:

```
WHERE ARE THE DATA
   FILES LOCATED .

   A:
   B:
   C:\FLOW
```

Select location of the data files -A: and press <CR>. The next screen will be:

```
PLEASE SELECT AN ANALYSIS OR
 HIT ESC TO EXIT THE SYSTEM

   GPM FLOW ANALYSIS
   PPH FLOW ANALYSIS
   K FACTOR CURFITTING
```

4. Select the desired option and press <CR>. In this menu, GPM option is used to generate the equation for the Lube and Scavenge Pump test stand and K FACTOR CURVE FITTING will curvefit multiple K factor calibrations into a single graph to be used later for analysis.

5. If you choose K FACTOR CURVE FITTING, follow the steps below:
   (a) Select K FACTOR CURVE FITTING and press return. The next screen will be a list of files containing the data on all the flowmeters originally delivered in the test stand.
   (b) Choose the file or files you wish to perform the curve fitting operation on and press the return.
   (c) Continue this selecting process until you have selected all the files on that flowmeter you wish to use.

(d) Press the escape key to end the selecting process and start the curve fitting program. When completed, the screen will ask for Meter Serial No. and Model No. and finally the filename and extension to assign to the new file.

(e) Enter the appropriate filename and press return (for example, LS100X.KFG).

NOTE

If it is desired to keep the old file for reference, it should be renamed before using the name again.

This completes the curve fitting of process and screen returns to the following menu:

```
PLEASE SELECT AN ANALYSIS OR
 HIT ESC TO EXIT THE SYSTEM

   GPM FLOW ANALYSIS
   PPH FLOW ANALYSIS
   K FACTOR CURFITTING
```

6. Choose the GPM option, the following menu will be displayed:

```
     SELECT A K FACTOR
   FILE OR HIT ESC TO QUIT

       --------.KFG
       --------.KFG
       --------.KFG
       --------.KFG

                   MORE
```

(a) Choose the file you want to use to generate the equation from. The program will display the information about the file you have chosen (for example, LS100X.KFG).

IS THIS THE FILE YOU WANT?.

Answer Y or N to the question

(b) Choose the viscosity file for GPM calibration. (Only one viscosity file is provided on the data disk). Press <CR> to select file L-23699.VIS. The program again will display the information about L-23699.VIS and ask:

IS THIS THE FILE YOU WANT?.

Answer Y or N to the question

(c) The program will prepare the equation for the calibration data you just selected. You may need to adjust the range of the frequency for the flowmeter if the error in the models exceeds 1%. Choose the best model (model with the minimum error) by typing the number to the question:

WHICH MODEL YOU WANT?

(d) Answer Y to the last question at the left top of the screen for the printout of the equation (see appendix C).

PRINT THE REPORT OF THE ANALYSIS? Y

(e) If you choose PPH FLOW ANALYSIS, the procedure will be the same as GPM ANALYSIS (step 6) except:

- All data files will end with .KFP instead of .KFG
- You do not have to select viscosity file in step 6(b).

INPUTTING EQUATION AND COEFFICIENT DATA IN FLOW COMPUTER UNITS 620 AND 631

Refer to the AZONIX SYSTEM 1000 MANUAL in the Component Publication Manual for detailed and complete instructions to program all functions of the flow computer. The following is an abbreviated procedure for the MATH EXPRESSION PROGRAMMING ONLY.

The programming procedure is as follows:

1. Set the program switch (behind the front panel) to "up" position to enable programming panel. (Refer to page 4-1 of the AZONIX manual for location of this switch.) Close bezel and secure both screws.
2. Apply power and wait until the flow computer has entered SCROLL mode.
3. Apply programming panel to front panel and press SHIFT and ENTER.
4. Display responds with "SC1?". Press NO.
5. Display responds with "USR?". Press NO.
6. Display responds with "SC2?". Press NO.
7. Display responds with "MTH?". Press YES.
8. Enter user channel corresponding to flowmeter you wish to change and press ENTER. Table 4.5 shows the channel number for all flowmeters. The flow computer will respond with a "=" at right-hand side of the display.

9. Use DOWN keys until constant C1 of old data is shown in the middle of the display. Press DOWN key and UP key to bring letter "K" to rightmost-hand corner of the display.
10. Press CE key to erase this constant and letter "K" will disappear on the display.
11. Press SHIFT and 9. Display responds with "00.0000" and "MANT".
12. Press 0 and the new number for C1. Press ENTER after new number is entered. Display responds with "00 EXPO". Enter exponential value for C1 (if it exists) and press ENTER. The letter "K" will appear at rightmost-hand corner of the display. Press DOWN key and the new value for C1 will be displayed.
13. Press DOWN keys to find old constant for C2.
14. Repeat steps 9 thru 12 for C2 to C7.
15. After all 7 new constants had been entered, press DOWN keys until "||" appears at rightmost-hand corner of the display. These 2 vertical bars define the end of the math expression for this channel.
16. Press EXIT. Display responds with "EXT?".
17. Press NO and repeat the procedure if you want to enter more equations. Press YES if this is the only equation you need to enter. Display will respond with "PANL". Remove the programming panel. System will return to regular mode.