

EQUIPMENT TEST LIST
GASOLINE ENGINE DRIVEN ALTERNATORS
POWER SYSTEMS EQUIPMENT

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1. GENERAL

1.01 This section provides an index and information access system to locate the standard tests

applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.

1.02 This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.

1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.

1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.

1.05 Section 010-300-011 provides Equipment Test List instructions.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

2.0 ALT. GAS ENGINE

2.1 ALT. GAS ENGINE; MANUAL CONTROL

SELECT ONLY ONE CATEGORY

KS-5565 U.S.MOTORS CORP.

◆	155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
◆	155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
◆		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
◆	155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
◆	155-124-701 (1/1)	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN)	MW 2W	-----
		2.01	LUBRICATE AIR CLEANER (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE ALTERNATOR BALL BEARING (OR EVERY 450 HRS OPRN)	MW 24M	-----
		2.01	LUBRICATE BATTERY CHARGING GENERATOR (OR EVERY 25 HRS OPRN)	MW 6M	-----
		2.01	LUBRICATE GOVERNOR LINKAGE & DISTRIBUTOR BEARING (OR EVERY 25 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE MAGNETO BREAKER FELT (OR EVERY 450 HRS OPRN)	MW 24M	-----
		2.01	LUBRICATE REPLACE CRANKCASE OIL (OR PERFORM OIL ANALYSIS) (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE REPLACE OIL FILTER CARTRIDGE (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE STARTING MOTOR BEARING (OR EVERY 150 HRS OPRN)	MW 24M	-----
		2.07	INSPECT FOR WATER LEAKS	MW 12M	-----
		2.12	EXCESSIVE NOISE & VIBRATION	MW 12M	-----
		2.13	TEST ALL AUTOMATIC SHUTDOWN DEVICES	MW 12M	-----
		2.19	CLEAN & INSPECT COMMUTATOR & COLLECTOR RINGS	MW 12M	-----
		2.20	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
		2.27	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
		2.27	ROUTINE RUN - 30 MINUTES	MW 2W	-----
◆		2.27	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

KS-5565 D.W.ONAN & SONS

◆	155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
◆	155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
◆		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
◆	155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
◆	155-126-701 (1/1)	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN)	MW 2W	-----
◆		2.01	LUBRICATE AIR CLEANER (OR EVERY 75 HRS OPRN)	MW 12M	-----
◆		2.01	LUBRICATE ALTERNATOR BALL BEARINGS (OR EVERY 100 HRS OPRN)	MW 24M	-----
◆		2.01	LUBRICATE GOVERNOR LINKAGE & BEARING (OR EVERY 60 HRS OPRN)	MW 12M	-----
◆		2.01	LUBRICATE GREASE FAN HUB (OR EVERY 150 HRS OPRN)	MW 12M	-----

155-126-701	(1/1)	2.01	LUBRICATE MAGNETO BREAKER FELT (OR EVERY 75 HRS OPRN)	MW 24M	-----
		2.01	LUBRICATE OIL OVERSPEED TRIP (OR EVERY 75 HRS OPRN)	MW 12M	-----
		2.01	REPLACE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	REPLACE OIL FILTER CARTRIDGE (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.08	INSPECT FOR WATER LEAKS	MW 12M	-----
		2.11	TEST AUTOMATIC SHUTDOWN DEVICES	MW 12M	-----
		2.13	EXCESSIVE NOISE & VIBRATION	MW 12M	-----
		2.17	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
		2.22	CLEAN & INSPECT COMMUTATOR & COLLECTOR RINGS	MW 12M	-----
		2.27	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
		2.27	ROUTINE RUN - 30 MINUTES	MW 2W	-----
		2.27	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
KS-5667-01					
155-003-000	(2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-141-303	(2/0)	2.05	TEST SDT TIMER	MW 12M	-----
		3.16	(3.16 - 3.22) TEST ALL ALARMS	MW 12M	-----
155-141-703	(2/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN)	MW 2W	-----
		2.01	LUBRICATE AIR CLEANER (OR EVERY 100 HRS OPRN)	MW 6M	-----
		2.01	LUBRICATE ALTERNATOR BEARING (AUTOMATIC SETS)	MW 24M	-----
		2.01	LUBRICATE GOVERNOR THROTTLE LINKAGE (OR EVERY 100 HRS OPRN)	MW 6M	-----
		2.01	LUBRICATE MAGNETO	MW 6M	-----
		2.07	INSPECT FOR LEAKS	MW 12M	-----
		2.12	CHECK FOR EXCESSIVE VIBRATION	MW 12M	-----
		2.13	CHECK FAN BELT TENSION	MW 12M	-----
		2.13	REPLACE RADIATOR PRESSURE CAP	MW 12M	-----
		2.17	CHECK IMMERSION HEATERS	MW 12M	-----
		2.19	CHECK TEMPERATURE	MW 12M	-----
		2.20	CLEAN & INSPECT COMMUTATOR & COLLECTOR RINGS	MW 12M	-----
		2.21	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
		2.31	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
		2.31	ROUTINE RUN - 30 MINUTES	MW 2W	-----
		2.31	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

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	155-141-703	(2/1)	2.32	CLEAN & INSPECT CABINETS & EQUIPMENT	MW 12M	-----
			2.33	TEST HWT & LOP AUTOMATIC SHUTDOWN DEVICES	MW 12M	-----
	KS-15650					
◆	155-003-000	(2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
◆	155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
◆			8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
◆	155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
◆	155-167-701	(2/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
◆			2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN)	MW 2W	-----
◆			2.01	LUBRICATE AIR CLEANER (OR EVERY 50 HRS OPRN)	MW 6M	-----
◆			2.01	LUBRICATE GENERATOR BEARING (OR EVERY 100 HRS OPRN)	MW 12M	-----
◆			2.01	LUBRICATE GOVERNOR THROTTLE LINKAGE (OR EVERY 50 HRS OPRN)	MW 6M	-----
			2.06	INSPECT FOR LEAKS	MW 12M	-----
			2.11	CHECK FOR EXCESSIVE NOISE & VIBRATION	MW 12M	-----
			2.12	CLEAN & INSPECT CONTROL BOX & VOLTAGE REGULATOR	MW 12M	-----
			2.13	CHECK TEMPERATURE	MW 12M	-----
			2.14	CLEAN & INSPECT COMMUTATOR, COMMUTATOR SLOTS, COLLECTOR	MW 12M	-----
			2.16	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
◆			2.22	ROUTINE RUN - 30 MINUTES	MW 2W	-----
			2.23	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
◆			2.23	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	KS-19989					
◆	155-003-000	(2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
◆	155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
◆			8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
◆	155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
◆	155-168-701	(1/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
◆			2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
◆			2.01	LUBRICATE AIR CLEANER (OR EVERY 50 HRS OPRN)	MW 6M	-----
◆			2.01	LUBRICATE GOVERNOR THROTTLE LINKAGE (OR EVERY 50 HRS OPRN)	MW 6M	-----
◆			2.01	LUBRICATE MAGNETO (OR EVERY 100 HRS OPRN)	MW 12M	-----
			2.06	INSPECT FOR LEAKS	MW 12M	-----
			2.11	INSPECT FOR EXCESSIVE NOISE OR VIBRATION	MW 12M	-----
			2.12	CLEAN & INSPECT CONTROL BOX & VOLTAGE REGULATOR	MW 12M	-----
			2.13	CHECK TEMPERATURE	MW 12M	-----

155-168-701 (1/1)	2.14	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 12M	-----
	2.20	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
	2.22	ROUTINE RUN - 30 MINUTES	MW 2W	-----
	2.23	CHECK WATER LEVEL AND FUEL SUPPLY	MW 2W	-----
	2.23	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

2.2 ALT. GAS ENGINE; AUTO CONTROL

SELECT ONLY ONE CATEGORY

KS-5602

155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRN REVIEW	MW 12M	-----
155-132-701 (1/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR EACH RUN AND EVERY 50 HRS OPRN)	MW 2W	-----
	2.01	LUBRICATE AIR FILTER (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE ALTERNATOR BEARINGS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE DISTRIBUTOR SHAFT (OR EVERY 50 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE FAN HUB (OR EVERY 50 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE GOVERNOR THROTTLE LINKAGE (OR EVERY 50 HRS OPRN)	MW 6M	-----
	2.02	INSPECT VOLTAGE REGULATOR & CONTROL PANEL	MW 12M	-----
	2.07	INSPECT FOR LEAKS & EXCESSIVE VIBRATION	MW 12M	-----
	2.08	CHECK WATER TEMPERATURE	MW 12M	-----
	2.11	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
	2.15	CLEAN & INSPECT COMMUTATOR & RINGS	MW 12M	-----
	2.20	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.20	ROUTINE RUN - 30 MINUTES	MW 2W	-----
	2.20	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

KS-5636L1

155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-134-301 (1/0)	3.05	TEST ALARMS	MW 12M	-----
155-134-701 (2/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR EACH RUN)	MW 2W	-----
	2.01	CLEAN & LUBRICATE ALTERNATOR BEARINGS	MW 24M	-----

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155-134-701 (2/1)	2.01	CLEAN CRANKCASE (OR EVERY 500 HRS OPRN)	MW 24M	-----
	2.01	LUBRICATE 145P-TYPE OVERRUNNING CLUTCH (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE AIR INTAKE (OR EVERY 75 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE ALTERNATOR BEARING (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE CHARGING GENERATOR (OR EVERY 75 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE GOVERNOR LINKAGE (OR EVERY 75 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE GOVERNOR SWITCH HORIZONTAL SHAFT (OR EVERY 75 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE OVERRUNNING CLUTCH CHAIN (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE OVERSPEED TRIP (OR EVERY 75 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE RADIATOR FAN BEARING (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE STARTING MOTOR BEARINGS (OR EVERY 500 HRS OPRN)	MW 24M	-----
	2.01	LUBRICATE WATER PUMP BEARING (OR EVERY 75 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE WESTINGHOUSE TYPE TK RELAYS 1 TK, 2 TK, 3 TK TIMERS	MW 36M	-----
	2.01	REPLACE LUBRICATING OIL FILTER ELEMENT (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.07	INSPECT FOR LEAKS	MW 12M	-----
	2.12	EXCESSIVE VIBRATION	MW 12M	-----
	2.13	TEST OVERSPEED IGNITION CUTOFF	MW 12M	-----
	2.17	CHECK FAN BELT TENSION	MW 12M	-----
	2.22	CHECK TEMPERATUE	MW 12M	-----
	2.23	CLEAN & INSPECT COMMUTATOR & RINGS	MW 12M	-----
	2.25	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
	2.32	CHECK STARTER CHAIN DRIVE TENSION	MW 12M	-----
	2.34	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.34	ROUTINE RUN - 30 MINUTES	MW 2W	-----
	2.34	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.37	CHECK OPERATION OF ALL TIMERS, RELAYS, SWITCHES	MW 12M	-----
	2.37	LUBRICATE CLUTCH PINION BEARING	MW 24M	-----
	2.51	CHECK OPERATION OF IMMERSION HEATER	MW 12M	-----
KS-5636 L3 - L8, L30, L40, L50 & L60				
155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-134-302 (3/0)	3.06	TEST OVERTIME CRANKING ALARM	MW 12M	-----

155-134-302	(3/0)	3.07	TEST OVER SPEED ALARM	MW 12M	-----
		3.08	TEST LOW OIL PRESSURE ALARM	MW 12M	-----
		3.09	TEST HIGH WATER TEMP ALARM	MW 12M	-----
		3.10	TEST POWER FAILURE ALARM	MW 12M	-----
		3.11	TEST PROPER OPERATION ALARM	MW 12M	-----
155-134-702	(3/2)	2.01	CHANGE CRANKCASE OIL OR PERFORM ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN)	MW 2W	-----
		2.01	CLEAN CRANKCASE (OR EVERY 600 HRS OPRN)	MW 24M	-----
		2.01	LUBRICATE 145P & 150P-TYPE OVERRUNNING CLUTCH (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE ALTERNATOR BEARINGS	MW 12M	-----
		2.01	LUBRICATE FS-TYPE OVERRUNNING CLUTCH (OR EVERY 600 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE OVERRUNNING CLUTCH CHAIN (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE STARTING MOTOR BEARINGS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE WESTINGHOUSE TYPE TK RELAYS-HOT, WUT, RST TIMERS (MOTOR BEARINGS)	MW 36M	-----
		2.01	LUBRICATE WESTINGHOUSE TYPE TK RELAYS-HOT, WUT, RST TIMERS (CLUTCH PINION BEARINGS)	MW 24M	-----
		2.01	LUBRICATION * AIR CLEANER (OR 75H OPERATION)	MW 12M	-----
		2.01	LUBRICATION * ALTERNATOR BEARINGS (OR 150H OPERATION)	MW 12M	-----
		2.01	LUBRICATION * GOVERNOR LINKAGE (OR 75H OPERATION)	MW 12M	-----
		2.01	LUBRICATION * GOVERNOR SWITCH HORIZONTAL SHAFT (OR 75H OPERATION)	MW 12M	-----
		2.01	LUBRICATION * OVERSPEED TRIP (OR 75H OPERATION)	MW 12M	-----
		2.01	LUBRICATION * RADIATOR FAN BEARING (OR 150H OPERATION)	MW 12M	-----
		2.01	LUBRICATION * WATER PUMP BEARING (OR 75H OPERATION)	MW 12M	-----
		2.01	REPLACE OIL FILTER (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.07	INSPECT FOR WATER LEAKS	MW 12M	-----
		2.12	EXCESSIVE NOISE & VIBRATION	MW 12M	-----
		2.13	(2.13 - 2.14) TEST OVERSPEED & WATER TEMP AUTO SHUTDOWN DEVICES	MW 12M	-----
		2.16	CHECK FAN BELT TENSION	MW 12M	-----
		2.16	CLEAN & INSPECT STARTING CONTROL CABINET WIRING, RELAY, SWITCHES	MW 12M	-----
		2.22	CHECK TEMPERATURE	MW 12M	-----
		2.23	CLEAN & INSPECT COMMUTATOR & COLLECTOR RINGS	MW 12M	-----
		2.25	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
		2.32	CHECK STARTER CHAIN DRIVE TENSION	MW 12M	-----
		2.34	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----

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◆	155-134-702 (3/2)	2.34	ROUTINE RUN - 30 MINUTES	MW 2W	-----
◆		2.34	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
		2.37	INSPECT ALL GEAR TEETH FOR WEAR	MW 24M	-----
		2.37	TEST OPERATION OF ALL TIMES & RELAYS	MW 12M	-----
		2.45	CHECK HWT & LOP SHUTDOWN SWITCHES	MW 12M	-----
		2.51	CHECK OPERATION OF IMMERSION HEATER	MW 12M	-----
		2.51	CLEAN & INSPECT MAIN CONTROL CABINET EQUIPMENT	MW 12M	-----

KS-5664

◆	155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
◆	155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
◆		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
◆	155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
◆	155-136-301 (1/0)	4.06	TEST ALARMS	MW 12M	-----
◆	155-136-701 (1/1)	2.01	CHANGE CRANKCASE OIL & REPLACE OIL FILTER OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
◆		2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY OFFICE VISIT)	MW 2W	-----
		2.01	CLEAN CARBURETOR AIR INTAKE AIR MAZE (OR EVERY 75 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE ALTERNATOR BEARINGS	MW 36M	-----
		2.01	LUBRICATE ALTERNATOR BEARINGS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE GOVERNOR LINKAGE (OR EVERY 75 HRS OPRN)	MW 12M	-----
◆		2.01	LUBRICATE GOVERNOR SWITCH HORIZONTAL SHAFT (OR EVERY 75 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE OVERSPEED TRIP (OR EVERY 75 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE RADIATOR FAN BEARING (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	REPLACE OIL FILTER ELEMENT (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.07	INSPECT FOR LEAKS	MW 12M	-----
		2.12	EXCESSIVE NOISE & VIBRATION	MW 12M	-----
		2.13	TEST OVERSPEED IGNITION CUT-OFF	MW 12M	-----
		2.14	TEST HIGH WATER TEMP ALARM	MW 12M	-----
		2.21	CHECK TEMPERATURE	MW 12M	-----
		2.22	CLEAN & INSPECT COMMUTATOR & RINGS	MW 12M	-----
		2.23	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
		2.30	CLEAN & INSPECT CONTROL CABINET WIRING, RELAYS, ETC.	MW 12M	-----
◆		2.30	ROUTINE RUN - 30 MINUTES	MW 2W	-----
◆		2.30	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
		2.33	(A) HOT HOLDOVER TIMER TEST	MW 12M	-----

155-136-701 (1/1)	2.33	(B-E) (HOT)LUBE BEARING & CLUTCH PINION BEARING-CHECK GEAR TEETH FOR WEAR-CHK CONTACTS	MW 24M	-----
	2.33	(B-E) (RST)LUBE BEARING & CLUTCH PINION BEARING-CHECK GEAR TEETH FOR WEAR-CHK CONTACTS	MW 12M	-----
	2.33	(B-E) (WUT)LUBE BEARING & CLUTCH PINION BEARING-CHECK GEAR TEETH FOR WEAR-CHK CONTACTS	MW 12M	-----
	2.34	WUT WARMUP TIMER TEST	MW 12M	-----
	2.35	RST REMOTE-START TIMER TEST OPRN	MW 12M	-----
	2.36	SDT START-DELAY TIMER OPRN TEST	MW 12M	-----
	2.38	CHECK ADT ANTIDIESEL SOLENOID TIMER OPRN	MW 12M	-----
	2.39	CHECK CHT CHOKE TIMER OPRN	MW 12M	-----
	2.40	CHECK CRT CRANKING TIMER ADJMT	MW 24M	-----
	2.42	CHECK ANTIDIESEL SOLENOID OPRN	MW 12M	-----
	2.43	CHECK THROTTLE SOLENOID OPRN	MW 12M	-----
◆		KS-5667-01 L1 - L5		
◆	155-003-000 (2/0)	1.00 ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
◆	155-003-001 (2/0)	1.00 ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
◆		8.00 AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
◆	155-003-003 (2/0)	PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
◆	155-141-303 (2/0)	2.05 TEST SDT TIMER	MW 12M	-----
◆		3.16 (3.16 - 3.22) TEST ALL ALARMS	MW 12M	-----
◆	155-141-703 (2/1)	2.01 CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
◆		2.01 CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN)	MW 2W	-----
◆		2.01 LUBRICATE AIR CLEANER (OR EVERY 100 HRS OPRN)	MW 6M	-----
◆		2.01 LUBRICATE ALTERNATOR BEARING (AUTOMATIC SETS)	MW 24M	-----
◆		2.01 LUBRICATE GOVERNOR THROTTLE LINKAGE (OR EVERY 100 HRS OPRN)	MW 6M	-----
◆		2.01 LUBRICATE MAGNETO	MW 6M	-----
◆		2.07 INSPECT FOR LEAKS	MW 12M	-----
◆		2.12 CHECK FOR EXCESSIVE VIBRATION	MW 12M	-----
◆		2.13 CHECK FAN BELT TENSION	MW 12M	-----
◆		2.13 REPLACE RADIATOR PRESSURE CAP	MW 12M	-----
◆		2.17 CHECK IMMERSION HEATERS	MW 12M	-----
◆		2.19 CHECK TEMPERATURE	MW 12M	-----
◆		2.20 CLEAN & INSPECT COMMUTATOR & COLLECTOR RINGS	MW 12M	-----
◆		2.21 CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
◆		2.31 CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
◆		2.31 ROUTINE RUN - 30 MINUTES	MW 2W	-----
◆		2.31 ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
◆		2.32 CLEAN & INSPECT CABINETS & EQUIPMENT	MW 12M	-----

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155-141-703 (2/1)	2.33	TEST HWT & LOP AUTOMATIC SHUTDOWN DEVICES	MW 12M	-----
KS-5667-01 L6, L7				
155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-141-304 (1/0)	3.16	(3.16 - 3.28) TEST ALL ALARMS	MW 12M	-----
155-141-704 (1/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN)	MW 2W	-----
	2.01	LUBRICATE AIR CLEANER (OR EVERY 100 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE GOVERNOR THROTTLE LINKAGE (OR EVERY 100 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE MAGNETO	MW 6M	-----
	2.07	INSPECT FOR LEAKS	MW 12M	-----
	2.12	EXCESSIVE NOISE & VIBRATION	MW 12M	-----
	2.13	CHECK FAN BELT TENSION	MW 12M	-----
	2.13	REPLACE RADIATOR PRESSURE CAP	MW 24M	-----
	2.17	CHECK IMMERSION HEATER	MW 12M	-----
	2.19	CHECK TEMPERATURE	MW 12M	-----
	2.20	CLEAN & INSPECT COMMUTATOR & COLLECTOR RINGS	MW 12M	-----
	2.21	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
	2.29	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.29	ROUTINE RUN - 30 MINUTES	MW 2W	-----
	2.29	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.31	TEST HWT & LOP AUTOMATIC SHUTDOWN DEVICES	MW 12M	-----
	2.33	TEST OPERATION OF TIMERS (ET, TD, RST)	MW 12M	-----
KS-5667-01 L9				
155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-141-704 (1/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN)	MW 2W	-----
	2.01	LUBRICATE AIR CLEANER (OR EVERY 100 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE GOVERNOR THROTTLE LINKAGE (OR EVERY 100 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE MAGNETO	MW 6M	-----
	2.07	INSPECT FOR LEAKS	MW 12M	-----
	2.12	EXCESSIVE NOISE & VIBRATION	MW 12M	-----

155-141-704 (1/1)	2.13	CHECK FAN BELT TENSION	MW 12M	-----
	2.13	REPLACE RADIATOR PRESSURE CAP	MW 24M	-----
	2.17	CHECK IMMERSION HEATER	MW 12M	-----
	2.19	CHECK TEMPERATURE	MW 12M	-----
	2.20	CLEAN & INSPECT COMMUTATOR & COLLECTOR RINGS	MW 12M	-----
	2.21	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
	2.29	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.29	ROUTINE RUN - 30 MINUTES	MW 2W	-----
	2.29	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.31	TEST HWT & LOP AUTOMATIC SHUTDOWN DEVICES	MW 12M	-----
	2.33	TEST OPERATION OF TIMERS (ET, TD, RST)	MW 12M	-----

ALL OTHER KS5667 EXCEPT KS5667-01L1-L7,L9

155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-141-701 (2/1)	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN)	MW 2W	-----
	2.01	LUBRICATE AIR CLEANER (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE ALTERNATOR BEARING	MW 24M	-----
	2.01	LUBRICATE FAN & WATER PUMP BEARING (OR EVERY 50 HRS OPRN)	MW *	-----
	2.01	LUBRICATE GOVERNOR THROTTLE LINKAGE (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE TIMING RELAY CLUTCH PINION BEARING	MW 24M	-----
	2.01	LUBRICATE TIMING RELAY-MOTOR BEARING	MW 24M	-----
	2.01	REPLACE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.07	INSPECT FOR LEAKS	MW 12M	-----
	2.12	CHECK FOR EXCESSIVE VIBRATION	MW 12M	-----
	2.17	CHECK OPERATION OF IMMERSION HEATER	MW 12M	-----
	2.19	CHECK TEMPERATURE	MW 12M	-----
	2.20	CLEAN & INSPECT COMMUTATOR & RINGS	MW 12M	-----
	2.21	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
	2.29	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.29	ROUTINE RUN - 30 MINUTES	MW 2W	-----
	2.29	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.30	CLEAN & INSPECT CABINET & EQUIPMENT	MW 12M	-----
	2.31	INSPECT TIMER GEAR TEETH FOR WEAR	MW 24M	-----
	2.31	TEST OPERATION OF TIMERS & RELAYS	MW 12M	-----
	2.32	TEST HWT & LOP AUTOMATIC SHUTDOWN DEVICES	MW 12M	-----

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◆	155-003-000	(2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
◆	155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
◆			8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
◆	155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
	155-170-301	(1/0)	3.16	TEST POWER AVAILABLE ALARM	MW 12M	-----
			3.17	TEST ENGINE LOAD ALARM	MW 12M	-----
◆	155-170-701	(1/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
◆			2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN)	MW 2W	-----
◆			2.01	LUBRICATE AIR CLEANER (OR EVERY 100 HRS OPRN)	MW 6M	-----
			2.01	LUBRICATE GOVERNOR THROTTLE LINKAGE (OR EVERY 100 HRS OPRN)	MW 6M	-----
◆			2.01	LUBRICATE MAGNETO	MW 6M	-----
			2.07	INSPECT FOR LEAKS	MW 12M	-----
			2.12	CHECK FOR EXCESSIVE VIBRATION	MW 12M	-----
			2.13	CHECK FAN BELT TENSION	MW 12M	-----
			2.13	REPLACE RADIATOR PRESSURE CAP	MW 24M	-----
			2.18	CHECK TEMPERATURE	MW 12M	-----
			2.19	CLEAN & INSPECT COMMUTATOR, COMMUTATOR SLOTS, COLLECTOR RINGS	MW 12M	-----
			2.21	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
			2.26	CLEAN & INSPECT STARTING CONTROL CABINET WIRING, RELAY, SWITCHES	MW 12M	-----
			2.28	TEST HWT & LOP AUTOMATIC SHUTDOWN DEVICES	MW 12M	-----
			2.31	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
◆			2.31	ROUTINE RUN - 30 MINUTES	MW 2W	-----
◆			2.31	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

TROUBLE TESTS

◆	KS-5664					
	155-136-301	(1/0)	4.03	ENGINE OPRN TROUBLE LOCATING	TT	-----
			4.04	ALTNR-EXCITER OPRN TROUBLE LOCATING	TT	-----
			4.06	ALARM INDICATIONS TROUBLE LOCATING	TT	-----
◆	KS-5667-01					
◆	155-141-703	(2/1)	2.29	CLEAN & INSPECT STARTING MOTOR	TT	-----
◆	KS-5636 L1					
◆	155-134-701	(2/1)	2.31	CLEAN STARTING MOTOR	TT	-----
◆	KS-5636 L3 - L8, L30, L40, L50 & L60					
◆	155-134-702	(3/2)	2.31	(A) CLEAN STARTING MOTOR	TT	-----
◆	KS-5667-01 L1 - L5					
◆	155-141-703	(2/1)	2.29	CLEAN & INSPECT STARTING MOTOR	TT	-----
◆	KS-5667-01 L6, L7					
◆	155-141-704	(1/1)	2.27	CLEAN & INSPECT STARTING MOTOR	TT	-----

◆	KS-5667-01 L9					
◆	155-141-704 (1/1)	2.27	CLEAN & INSPECT STARTING MOTOR	TT	-----	
◆	ALL OTHER KS-5667 EXCEPT KS-5667-01 L1 - L7 & L9					
◆	155-141-701 (2/1)	2.26	CLEAN & INSPECT STARTING MOTOR	TT	-----	
◆	2.3 ALT. GAS ENGINE; ALT,HS GAS ENG KS-5467 & KS-5508					
	FOR ALL UNITS					
◆	155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW	36M	-----
◆	155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW	36M	-----
◆		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW	36M	-----
◆	155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW	12M	-----
◆	155-120-701 (2/0)	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 12 HRS OPRN)	MW	2W	-----
		2.01	CHECK FAN BEARINGS (OR EVERY 75 HRS OPRN)	MW	12M	-----
		2.01	CHECK MAGNETO BREAKER FELT (OR EVERY 75 HRS OPRN)	MW	12M	-----
		2.01	CHECK WATER PUMP BEARINGS (OR EVERY 24 HRS OPRN)	MW	6M	-----
		2.01	CLEAN CARB AIR MAZE (OR EVERY 75 HRS OPRN)	MW	12M	-----
◆		2.01	DRAIN AND REPLACE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 75 HRS OPRN)	MW	12M	-----
		2.02	CHECK ALT LOAD SPEED	MW	6M	-----
		2.03	CHECK KW OUTPUT	MW	3M	-----
		2.04	CHECK IGNITION SYSTEM	MW	12M	-----
		2.05	CHECK INLET AND EXHAUST VALVE CLRNC	MW	12M	-----
		2.06	CHECK ENGINE CYL COMPRN	MW	12M	-----
		2.07	CHECK BACK PRESSURE	MW	6M	-----
		2.08	INSPECT FOR LEAKS	MW	M	-----
		2.09	CHECK STARTING MOTOR SWITCH	MW	6M	-----
		2.11	CHECK CARB ADJMT	MW	6M	-----
		2.12	CHECK AUTO OVERSPEED IGN CUT-OFF MECH	MW	6M	-----
		2.13	CHECK COOLING WATER TEMP	MW	12M	-----
		2.14	CHECK EXHAUST LINE CLRNC	MW	6M	-----
		2.15	CHECK FOR EXCSV NOISE AND VIBRATION	MW	12M	-----
		2.16	CHECK RADIATOR COOLING SYS	MW	12M	-----
◆		2.18	ROUTINE RUN - 30 MINUTES	MW	W	-----
◆		2.18	ROUTINE RUN - 7 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW	12M	-----
	2.4 ALT. GAS ENGINE; ANTIFREEZE & RUST INHIBITOR					
	SELECT ONLY ONE CATEGORY					
◆	DUPONT #7 LIQUID ANTIRUST & WATER PUMP LUBRICANT					
◆	065-305-301 (12/0)	3.02	REPLACE ANTIRUST & WATER PUMP LUBRICANT (NEXT SYSTEM FLUSHING)	MW	*	-----
◆	COOLING SYS TREATMENT (RUST INHIBITOR)					
◆	065-305-301 (12/0)	3.01	(3.01 - 3.03) REPLACE COOLING SYS TREATMENT (OR EVERY 250 HRS OPRN)	MW	36M	-----

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COOLING SYS CNTG ANTIFREEZE

◆	065-305-301	(12/0)	4.01	(4.01 - 4.11)	TEST ANTIFREEZE SOLUTION (ONCE LATE AUTUMN & MIDWINTER)	MW 6M	-----
◆			5.01	(5.01 - 5.02)	ACIDITY TEST	MW 6M	-----
◆			6.01	(6.01 - 6.02)	CLEANING COOLING SYS	MW 12M	-----

2.5 ALT. GAS ENGINE; SUMP OIL ANALYSIS FOR STBY ENG ALTR

FOR ALL UNITS

	065-330-105	(1/0)	3.01		SAMPLE ADMIN	MW 6M	-----
			3.02		SAMPLE REVIEW	MW 6M	-----
			4.02		OIL SAMPLE	MW 12M	-----

2.6 ALT. GAS ENGINE; ENGINE FUEL STORAGE

FOR ALL UNITS

◆	065-320-301	(8/0)	3.01	(3.01 - 3.05)	DESL & GAS TRBN ENG FUEL REQTS	MW 12M	-----
			3.06		GASOLINE ENG FUEL REQTS	MW 12M	-----
◆			4.01	(4.01 - 4.08)	FUEL STORAGE REQTS	MW 24M	-----
◆			5.01	(5.01 - 5.04)	WATER DETN & REMVL	MW 12M	-----
◆			6.01	(6.01 - 6.04)	FUEL SMPL REQ	MW 12M	-----

TROUBLE TESTS

	065-320-301	(8/0)	7.01		FUEL INHIBITOR	TT	-----
			8.01		ON-SITE FILTRATION	TT	-----