

EQUIPMENT TEST LIST
DIESEL ENGINE DRIVEN AUTOMATIC ALTERNATORS
POWER SYSTEMS EQUIPMENT

	CONTENTS	PAGE		CONTENTS	PAGE
	1. GENERAL	1		4.18 ANTIFREEZE & RUST INHIBITOR	24
4.1	KS-5750 L1, L2	2		4.19 SUMP OIL ANALYSIS FOR STBY ENG ALTRN	24
4.2	KS-5750 L3 - L5	3		4.20 ENGINE FUEL STORAGE	24
4.3	KS-15521 L1 - L4	5		4.21 900-TYP PWR PLT AUTO FL PUMP CONT	25
4.4	KS-15521 L10	6			
4.5	KS-15521 L11,L12	7			
4.6	KS-15622	9			
4.7	KS-15717 L1	10			
4.8	KS-15717 L11	11			
4.9	KS-15777 L23, L24, L33 & L34	12			
4.10	KS-15890 L1 & L2	14			
4.11	KS-15899 L3, L4, L13 & L14	15			
4.12	KS-15929 L2 & L12	17			
4.13	K3-15954 L3, L4, L13 & L14	19			
4.14	KS-19583 & KS-19584	20			
4.15	KS-19585 & KS-19586	21			
4.16	KS-19587 L1 & L2	23			
4.17	KS-22344 GUARDIAN 24KW AC RESERVE	24			
				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
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SECTION 155-001-014

4.0 ALT DSL ENG AUTO

4.1 ALT DSL ENG AUTO; KS-5750 L1, L2

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	-----
155-145-301	(3/1)	3.06	TEST FUSE ALARM	MW 12M	-----
		3.07	TEST OVERSPEED ALARM	MW 24M	-----
		3.08	TEST LOW OIL PRESSURE ALARM	MW 24M	-----
		3.09	TEST HIGH WATER TEMP ALARM	MW 24M	-----
155-145-701	(4/2)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 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 SHUTDOWN VALVE SHAFT BRUSHING (OR EVERY 75 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE ALTERNATOR BEARING (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE FUEL RACK SOLENOID PIVOT SHAFT (OR EVERY 75 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE GOVERNOR LINKAGE JOINTS (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	LUBRICATE STARTING MOTOR & BENDIX DRIVE BEARING (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE THROTTLE SOLENOID LINKAGE (OR EVERY 75 HRS OPRN)	MW 12M	-----
		2.07	LUBRICATE AIR CLEANER (OR EVERY 100 HRS OPRN)	MW 24M	-----
		2.08	REPLACE LUBE OIL FILTER (OR EVERY 150 HRS OPRN)	MW 24M	-----
		2.09	CLEAN OR REPLACE FUEL OIL FILTERS (OR EVERY 500 HRS OPRN)	MW 12M	-----
		2.10	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW 12M	-----
		2.11	(2.11.1) CLEAN BOWL & INLET SCREEN OF LUBE OIL LEVEL REGULATOR (OR EVERY 300 HRS OPRN)	MW 12M	-----
		2.11	(2.11.2) DRAIN AIR BOX DRAINS & TANKS (OR EVERY 100 HRS OPRN)	MW 6M	-----
		2.12	TEST OVERSPEED TRIP	MW 24M	-----
		2.13	TEST FUEL OIL PRESSURE SWITCH OPRN	MW 24M	-----
		2.14	TEST LUBRICATING OIL PRESSURE SWITCH OPRN	MW 24M	-----
		2.15	TEST HIGH WATER TEMPERATURE SWITCH OPRN	MW 24M	-----
		2.16	TEST HOT-WIRE RELAY OPRN	MW 24M	-----
		2.19	INSPECT RADIATOR PRESSURE CAP OR GASKET	MW 24M	-----
		2.20	CHECK FAN BELT TENSION	MW 24M	-----

155-145-701 (4/2)	2.22	CHECK IMMERSION HEATER	MW 24M	-----
	2.26	CHECK ALTNR & EXCITER VOLTAGE REGUATION	MW 24M	-----
	2.27	CHECK BRUSH PRESSURE	MW 24M	-----
	2.28	CHECK BRUSH LENGTH	MW 24M	-----
	2.29	CHECK BRUSH FIT	MW 24M	-----
	2.30	CHECK BRUSH ALNMT	MW 24M	-----
	2.31	CHECK BRUSH HOLDERS	MW 24M	-----
	2.32	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 24M	-----
	2.33	(2.33.1) CHECK CABLE INSULATION (OR EVERY 500 HRS OPRN)	MW 12M	-----
	2.33	CHECK COMMUTATOR SLOTS	MW 24M	-----
	2.36	CHECK CRANKING CUTOOUT DEVICE	MW 24M	-----
	2.37	CLEAN & INSPECT SOLENOID SWITCH	MW 60M	-----
	2.39	CHECK WATER LEVEL & FUEL SUPPLY (BEFORE & AFTER EACH RUN)	MW 2W	-----
	2.39	ROUTINE RUN - 1 HOUR	MW 2W	-----
	2.39	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	3.21	INSPECTION OF LOUVER CONTROL RESERVOIR FOR CORROSION AND LEAKAGE	MW 6M	-----

TROUBLE TESTS

155-145-701 (4/2)	2.35	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT	-----
4.2 ALT DSL ENG AUTO; KS-5750 L3 - L5				
		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	-----
155-145-302 (4/1)	3.06	(3.06 - 3.07) TEST FUSE ALARM	MW 12M	-----
	3.08	TEST OVERSPEED ALARM	MW 12M	-----
	3.09	TEST LOW OIL PRESSURE ALARM	MW 12M	-----
	3.10	TEST COOLING WATER HIGH TEMP ALARM	MW 12M	-----
155-145-702 (4/2)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 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 SHUTDOWN VALVE SHAFT BRUSHING (OR EVERY 75 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE ALTERNATOR BEARING (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE FUEL RACK SOLENOID PIVOT SHAFT (OR EVERY 75 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE GOVERNOR LINKAGE JOINTS (OR EVERY 75 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE OVERSPEED TRIP (OR EVERY 75 HRS OPRN)	MW 12M	-----

SECTION 155-001-014

155-145-702 (4/2)	2.01	LUBRICATE RADIATOR FAN BEARING (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE STARTING MOTOR & BENDIX DRIVE BEARING (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE THROTTLE SOLENOID LINKAGE (OR EVERY 8 HRS OPRN)	MW 12M	-----
	2.07	LUBRICATE AIR CLEANERS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.08	REPLACE OIL FILTERS ELEMENT OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.09	FUEL OIL FILTER (OR EVERY 500 HRS OPRN)	MW 12M	-----
	2.10	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW 12M	-----
	2.11	(2.11.2) AIR BOX DRAINS & TANK (OR EVERY 100H OPRN) (TUBES EVERY 500H OPRN)	MW 12M	-----
	2.12	TEST OVERSPEED TRIP	MW 24M	-----
	2.13	TEST FUEL OIL PRESSURE SWITCH OPRN	MW 24M	-----
	2.14	TEST LUBRICATING OIL PRESSURE SWITCH OPRN	MW 24M	-----
	2.15	TEST HIGH WATER TEMPERATURE SWITCH OPRN	MW 24M	-----
	2.16	TEST HOT-WIRE RELAY OPRN	MW 24M	-----
	2.19	REPLACE RADIATOR PRESSURE CAP OR GASKET	MW 24M	-----
	2.20	CHECK FAN BELT TENSION	MW 12M	-----
	2.22	CHECK IMMERSION HEATER	MW 12M	-----
	2.26	CHECK ALTNR & EXCITER VOLTAGE REGULATION	MW 12M	-----
	2.27	CHECK BRUSH PRESSURE	MW 24M	-----
	2.28	CHECK BRUSH LENGTH	MW 24M	-----
	2.29	CHECK BRUSH FIT	MW 24M	-----
	2.30	CHECK BRUSH ALNMT	MW 24M	-----
	2.31	CHECK BRUSH HOLDERS	MW 24M	-----
	2.32	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 24M	-----
	2.33	(2.33.1) CHECK CABLE INSULATION (OR 500H OPERATION)	MW 12M	-----
	2.33	CLEAN & INSPECT COMMUTATOR SLOTS	MW 24M	-----
	2.36	CHECK CRANKING CUTOUT DEVICE	MW 24M	-----
	2.37	CLEAN & INSPECT SOLENOID SWITCH	MW 60M	-----
	2.39	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.39	ROUTINE RUN - 1 HOUR	MW 2W	-----
	2.39	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	3.21	INSPECTION OF LOUVER CONTROL RESERVOIR	MW 6M	-----

OPTIONAL FEATURES

LUBE OIL LEVEL REGULATOR

155-145-702 (4/2)	2.11	(2.11.1) CLEAN BOWL & INLET SCREEN OF LUBE OIL LEVEL REGULATOR (OR EVERY 300 HRS OPRN)	MW 12M	-----
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TROUBLE TESTS

155-145-702 (4/2)	3.35	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT	-----
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◆ 4.3 ALT DSL ENG AUTO; KS-15521 L1 - L4

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	-----
	155-161-301	(3/0)	3.06	TEST FUSE ALARM	MW 12M	-----
			3.07	TEST OVERSPEED ALARM	MW 12M	-----
			3.08	TEST LOW PRESSURE ALARM	MW 12M	-----
			3.09	TEST HIGH WATER TEMPERATURE ALARM	MW 12M	-----
◆	155-161-701	(4/3)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 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 ALTERNATOR BEARINGS (LIST 1 & 2 MACHINES)	MW 24M	-----
◆			2.01	LUBRICATE ALTERNATOR BEARINGS (LIST 3 & 4 MACHINES) (OR EVERY 300 HRS OPRN)	MW 24M	-----
◆			2.01	LUBRICATE BOSCH FUEL INJECTION PUMP (OR EVERY 75 HRS OPRN)	MW 12M	-----
◆			2.01	LUBRICATE GOVERNOR (OR EVERY 75 HRS OPRN)	MW 12M	-----
◆			2.01	LUBRICATE RADIATOR FAN BEARING (OR EVERY 75 HRS OPRN)	MW 12M	-----
◆			2.01	LUBRICATE STARTING MOTOR & BENDIX DRIVE BEARINGS (OR EVERY 150 HRS OPRN)	MW 12M	-----
◆			2.01	LUBRICATE WATER PUMP BEARING (OR 75H OPERATION)	MW 12M	-----
◆			2.12	LUBRICATE AIR CLEANERS (OR EVERY 75 HRS OPRN)	MW 12M	-----
◆			2.13	CLEAN PRIMARY FUEL FILTER WITH HANDLES (OR EVERY 150 HRS OPRN)	MW 12M	-----
◆			2.13	DRAIN SECONDARY FUEL FILTER (OR EVERY 150 HRS OPRN)	MW 12M	-----
◆			2.13	REMOVE & CLEAN PRIMARY FUEL FILTER (OR EVERY 500 HRS OPRN)	MW 12M	-----
◆			2.14	CLEAN LUBE OIL FILTER (OR EVERY 150 HRS OPRN)	MW 12M	-----
			2.15	TEST OVERSPEED CUTOFF AND TRIP DEVICE	MW 24M	-----
			2.19	INSPECT FOR LEAKS & EXCESSIVE VIBRATION	MW 12M	-----
			2.23	REPLACE RADIATOR PRESSURE CAP OR GASKET	MW 24M	-----
			2.24	CHECK IMMERSION HEATER	MW 24M	-----
			2.26	CHECK FAN BELT TENSION	MW 12M	-----
			2.28	CLEAN & INSPECT ENGINE CONTROL CABINET	MW 12M	-----
			2.30	CLEAN & INSPECT COMMUTATOR & COLLECTOR SURFACES	MW 24M	-----
◆			2.31	(2.31 - 2.35) CLEAN & INSPECT BRUSH HOLDERS & BRUSH	MW 24M	-----
			2.36	STARTING BATTERY CELL & BATTERY VOLTAGE	MW 6M	-----
			2.38	CHECK CRANKING CUTOFF DEVICE	MW 24M	-----

SECTION 155-001-014

◆	155-161-701 (4/3)	2.40	(ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
		2.40	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
◆		2.40	ROUTINE RUN - 1 HOUR	MW 2W	-----
	OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY				
◆	LEAD ACID BATTERY				
◆	155-161-701 (4/3)	2.36	ELECTROLYTE LEVEL	MW 3M	-----
◆		2.36	SPECIFIC GRAVITY	MW 6M	-----
	NICKEL CADMIUM BATTERY				
◆	155-161-701 (4/3)	2.36	ELECTROLYTE LEVEL	MW 12M	-----
	OPTIONAL FEATURES				
◆	LUBE OIL LEVEL REGULATOR				
	155-161-701 (4/3)	2.13	REMOVE AND CLEAN SECONDARY FUEL FILTER	MW 12M	-----
◆		2.14	(2.14.1) LUBE OIL LEVEL REG INLET SCREEN BOWL (OR EVERY 300 HRS OPRN)	MW 12M	-----
◆		2.16	TEST LUBRICATING OIL PRESSURE SWITCH OPRN	MW 24M	-----
◆		2.17	TEST FUEL OIL PRESSURE SWITCH OPRN	MW 24M	-----
◆		2.18	TEST WATER TEMPERATURE SWITCH OPRN	MW 24M	-----
◆	TROUBLE TESTS				
◆	155-161-701 (4/3)	2.37	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT	-----
	4.4 ALT DSL ENG AUTO; KS-15521 L10				
	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	-----
	155-161-302 (3/1)	2.36	TEST OVERTIME CRANKING ALARM	MW 12M	-----
		2.37	TEST ENGINE FUSE ALARM	MW 12M	-----
		2.38	TEST MCLS FUSE ALARM	MW 12M	-----
		2.39	TEST POWER FAIL ALARM	MW 12M	-----
		2.40	TEST OVERSPEED TRIP ALARM	MW 12M	-----
		2.41	TEST DISCHARGE FUSE ALARM	MW 12M	-----
		2.42	TEST LOW OIL PRESSURE ALARM	MW 12M	-----
		2.43	TEST HIGH WATER TEMP ALARM	MW 12M	-----
		2.44	TEST LOW FUEL ALARM	MW 12M	-----
		2.45	TEST RECTIFIER FAIL ALARM	MW 12M	-----
	155-161-702 (3/1)	2.01	AUXILIARY LUBE OIL TANK	MW M	-----
		2.01	CHANGE BOSCH FUEL INJECTION PUMP OIL	MW M	-----
◆		2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	CHANGE GOVERNOR CRANKCASE RESERVOIR OIL	MW M	-----
◆		2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----

155-161-702 (3/1)	2.01	CLEAN AIR CLEANER	MW M	-----
	2.01	LUBRICATE ALTERNATOR BALL BEARING	MW 12M	-----
	2.01	LUBRICATE ELECTRIC MOTOR DRIVEN OIL PUMP	MW 2M	-----
	2.01	LUBRICATE RADIATOR FAN BEARING	MW 6M	-----
	2.01	LUBRICATE STARTING MOTOR BENDIX DRIVE BEARING	MW M	-----
	2.01	LUBRICATE WATER PUMP BEARING	MW M	-----
	2.01	REMOVE & CLEAN LUBE OIL FILTER ELEMENT	MW M	-----
	2.01	REPLACE LUBE OIL BYPASS FILTER ELEMENT	MW M	-----
	2.11	CLEAN PRIMARY & SECONDARY LUBE OIL FILTERS (OR EVERY 1000 HRS OPRN)	MW M	-----
	2.12	CLEAN LUBE OIL FILTERS & REPLACE BYPASS FILTER ELEMENTS	MW M	-----
	2.13	TEST AUTOMATIC SHUTDOWN DEVICES (OVERSPEED, LOP, FOP, WTS)	MW 12M	-----
	2.17	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW 12M	-----
	2.19	(2.19.1) REPLACE RADIATOR PRESSURE CAP	MW 24M	-----
	2.21	CHECK FAN BELT TENSION	MW 12M	-----
	2.23	CHECK ALTNR & EXCITER VOLTAGE REGULATOR OUTPUT	MW 12M	-----
	2.24	(2.24 - 2.26) CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
	2.27	CLEAN AND INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 12M	-----
	2.30	CHECK CRANKING CUTOFF SWITCH OPRN	MW 12M	-----
	2.31	CLEAN & INSPECT MAIN CONTROL CABINET (J86626) WIRING, RELAYS, SWITCHES	MW 12M	-----
	2.32	(A) 1HOT & 2HOT TIMERS	MW 12M	-----
	2.32	(B - E) (HOT) LUBE BEARING & CLUTCH PINION BEARING-CHECK GEAR TEETH FOR WEAR	MW 24M	-----
	2.33	(A) 1WUT & 2WUT TMRS	MW 12M	-----
	2.33	(B - E) (WUT) LUBE BEARING & CLUTCH PINION BEARING-CHECK GEAR FOR WEAR	MW 24M	-----

OPTIONAL FEATURES

LUBE OIL LEVEL REGULATOR

155-161-702 (3/1)	2.12	(2.12.1) CLEAN INLET BOWL & BRASS SCREEN (OR EVERY 300 HRS OPRN)	MW 6M	-----
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TROUBLE TESTS

155-161-702 (3/1)	2.29	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT	-----
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4.5 ALT DSL ENG AUTO; KS-15521 L11, L12

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	-----
155-161-302 (3/1)	2.36	TEST OVERTIME CRANKING ALARM	MW 12M	-----
	2.37	TEST ENGINE FUSE ALARM	MW 12M	-----

SECTION 155-001-014

155-161-302 (3/1)	2.38	TEST MCLS FUSE ALARM	MW 12M	-----
	2.39	TEST POWER FAIL ALARM	MW 12M	-----
	2.40	TEST OVERSPEED TRIP ALARM	MW 12M	-----
	2.41	TEST DISCHARGE FUSE ALARM	MW 12M	-----
	2.42	TEST LOW OIL PRESSURE ALARM	MW 12M	-----
	2.43	TEST HIGH WATER TEMP ALARM	MW 12M	-----
	2.44	TEST LOW FUEL ALARM	MW 12M	-----
	2.45	TEST RECTIFIER FAIL ALARM	MW 12M	-----
155-161-702 (3/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 1000 HRS OPRN)	MW 12M	-----
	2.01	CHANGE GOVERNOR CRANKCASE RESERVOIR OIL (OR EVERY 1000 HRS OPRN)	MW 6M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
	2.01	CLEAN AIR CLEANERS STARTING MOTOR BENDIX DRIVE BEARINGS (OR EVERY 1000 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE ALTERNATOR BALL BEARINGS-LIST 12	MW 6M	-----
	2.01	LUBRICATE ALTERNATOR BALL BEARINGS-LIST 11	MW 24M	-----
	2.01	LUBRICATE RADIATOR FAN BEARING	MW 6M	-----
	2.01	LUBRICATE STARTING MOTOR BENDIX DRIVE BEARINGS (OR EVERY 1000 HRS OPRN)	MW 24M	-----
	2.01	LUBRICATE WATER PUMP BEARINGS (OR EVERY 1000 HRS OPRN)	MW 6M	-----
	2.11	CLEAN PRIMARY & SECONDARY LUBE OIL FILTERS (OR EVERY 1000 HRS OPRN)	MW M	-----
	2.12	CLEAN LUBE OIL FILTERS & REPLACE BYPASS FILTER ELEMENTS (OR EVERY 1000 HRS OPRN)	MW 24M	-----
	2.12	CLEAN LUBE OIL FILTERS & REPLACE SECONDARY FILTER ELEMENTS (OR EVERY 1000 HRS OPRN)	MW 24M	-----
	2.13	TEST AUTOMATIC SHUTDOWN DEVICES (OVERSPEED, LOP, FOP, WTS)	MW 12M	-----
	2.17	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW 12M	-----
	2.19	(2.19.1) REPLACE RADIATOR PRESSURE CAP	MW 24M	-----
	2.21	CHECK FAN BELT TENSION	MW 12M	-----
	2.23	CHECK ALTNR & EXCITER VOLTAGE REGULATOR OUTPUT	MW 12M	-----
	2.24	(2.24 - 2.26) CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
	2.27	CLEAN AND INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 12M	-----
	2.30	CHECK CRANKING CUTOUT SWITCH	MW 12M	-----
	2.31	CLEAN & INSPECT MAIN CONTROL CABINET (J86626) WIRING, RELAYS & SWITCHES	MW 12M	-----
	2.32	(A) 1HOT & 2HOT TIMERS	MW 12M	-----
	2.32	(B - E) (HOT) LUBE BEARING & CLUTCH PINION BEARING-CHECK GEAR TEETH FOR WEAR	MW 24M	-----
	2.33	(A) 1WUT & 2WUT TIMERS	MW 12M	-----
	2.33	(B-D) (WUT)LUBE BEARING & CLUTCH PINION BEARING-CHECK GEAR FOR WEAR	MW 24M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

▶	BOSCH FUEL PUMP APE-65T-4750A			
▶	155-161-702 (3/1)	2.01	LUBRICATE BOSCH FUEL INJECTION PUMP APE-65T-4750A (OR EVERY 1000 HRS OPRN)	MW 24M -----
	ALL OTHER PART NOS. - 2D FUEL OIL			
▶	155-161-702 (3/1)	2.01	LUBRICATE ALL OTHER PART NUMBERS-2D FUEL OIL (OR EVERY 150 HRS OPRN)	MW 12M -----
	ALL OTHER PART NOS. - 1D FUEL OIL			
▶	155-161-702 (3/1)	2.01	LUBRICATE ALL OTHER PART NUMBERS-1D FUEL OIL (OR EVERY 75 HRS OPRN)	MW 12M -----

OPTIONAL FEATURES

▶	LUBE OIL LEVEL REGULATOR			
▶	155-161-702 (3/1)	2.12	(2.12.1) CLEAN INLET BOWL & BRASS SCREEN (OR EVERY 300 HRS OPRN)	MW 6M -----
▶	TROUBLE TESTS			
▶	155-161-702 (3/1)	2.29	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT -----

4.6 ALT DSL ENG AUTO; KS-15622

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 -----
▶	155-165-301 (4/1)	3.12	(3.12 - 3.13) TEST OVERSPEED ALARM	MW 12M -----
▶		3.14	(3.14 - 3.15) TEST LOW OIL PRESSURE ALARM	MW 12M -----
▶		3.16	(3.16 - 3.17) TEST COOLING WATER HIGH TEMP ALARM	MW 12M -----
▶	155-165-701 (5/6)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 200 HRS OPRN)	MW 12M -----
▶		2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W -----
▶		2.01	CLEAN & REPLACE FILTER IN SUPPLY LINE TO GOVERNOR (OR EVERY 75 HRS OPRN)	MW 12M -----
▶		2.01	CLEAN LUBE OIL FILTERS (OR EVERY 75 HRS OPRN)	MW 12M -----
▶		2.01	LUBRICATE AIR SHUTDOWN VALVE SHAFT (OR EVERY 100 HRS OPRN)	MW 12M -----
▶		2.01	LUBRICATE ALTERNATOR BEARING	MW 24M -----
▶		2.01	LUBRICATE OVERSPEED TRIP DRIVE SHAFT (OR EVERY 100 HRS OPRN)	MW 12M -----
▶		2.01	LUBRICATE RADIATOR FAN BEARING (OR EVERY 100 HRS OPRN)	MW 12M -----
▶		2.06	DRAIN FUEL OIL DRAIN CONTAINER (OR EACH OFFICE VISIT)	MW M -----
▶		2.11	AIR CLEANER	MW 24M -----
▶		2.12	CLEAN PRIMARY FUEL OIL FILTER	MW 24M -----
▶		2.12	CLEAN SECONDARY FUEL OIL FILTER (OR EVERY 75 HRS OPRN)	MW 12M -----
▶		2.12	REPLACE SECONDARY FUEL OIL FILTER (OR EVERY 150 HRS OPRN)	MW 12M -----

155-165-701 (5/6)	2.14	TEST OVERSPEED CUTOFF DEVICE	MW 24M	-----
♦	2.15	TEST LUBRICATING OIL PRESSURE SWITCH OPRN	MW 24M	-----
♦	2.16	TEST FUEL OIL PRESSURE SWITCH OPRN	MW 24M	-----
♦	2.17	TEST HIGH WATER TEMPERATURE SWITCH OPRN	MW 24M	-----
	2.18	TEST CIRCUIT BREAKER RELAY	MW 24M	-----
	2.20	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW 12M	-----
	2.23	REPLACE RADIATOR PRESSURE CAP OR GASKET	MW 24M	-----
	2.26	CHECK FAN BELT TENSION	MW 24M	-----
	2.28	CLEAN & INSPECT STARTING CONTROL CABINET	MW 24M	-----
	2.29	CHECK TEMPERATURE	MW 24M	-----
♦	2.30	(2.30 - 2.31) CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES AND COMMUTATOR SLOTS	MW 24M	-----
	2.39	CHECK CRANKING CUTOFF SWITCH	MW 12M	-----
♦	2.41	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
♦	2.41	ROUTINE RUN - 1 HOUR	MW 2W	-----
♦	2.41	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

120KW

♦	155-165-701 (5/6)	2.01	LUBRICATE GOVERNOR LINKAGE (OR EVERY 100 HRS OPRN)	MW 12M	-----
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170KW

♦	155-165-701 (5/6)	2.01	LUBRICATE 4-UNIT LUBE OIL FILTER (OR EVERY 200 HRS OPRN)	MW 12M	-----
♦		2.01	LUBRICATE TURBOCHARGER FILTER ELEMENT (OR EVERY 200 HRS OPRN)	MW 12M	-----

OPTIONAL FEATURES

120 KW SET MOUNTED RADIATOR

♦	155-165-701 (5/6)	2.01	LUBRICATE WATER PUMP (OR EVERY 8 HRS OPRN)	MW 6M	-----
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ALL OTHER PART NOS. - 2D FUEL OIL

	155-165-701 (5/6)	2.01	LUBRICATION * ALL OTHER PART NUMBERS-2D FUEL OIL(150H)	MW *	-----
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ALL OTHER PART NOS. - 1D FUEL OIL

	155-165-701 (5/6)	2.01	LUBRICATION * ALL OTHER PART NUMBERS-1D FUEL OIL(75H)	MW *	-----
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LUBE OIL LEVEL REGULATOR

♦	155-165-701 (5/6)	2.13	(2.13.1) CLEAN INLET BOWL & BRASS SCREEN ON LUBE OIL LEVEL REGULATOR (OR EVERY 300 HRS OPRN)	MW 12M	-----
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TROUBLE TESTS

	155-165-701 (5/6)	2.38	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT	-----
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4.7 ALT DSL ENG AUTO; KS-15717 L1

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	-----

155-003-001	(2/0)	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M
155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M
155-172-301	(1/0)	3.12	(3.12 - 3.13) TEST LOW LUBE OIL PRESSURE ALARM	MW 12M
		3.14	(3.14 - 3.15) TEST COOLING WATER HIGH TEMP ALARM	MW 12M
		3.16	TEST OVERTIME CRANKING ALARM	MW 12M
155-172-701	(1/3)	2.01	(A) CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W
		2.01	(B) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M
		2.01	(C) LUBRICATE OVERSPEED CUTOFF DEVICE (OR EVERY 25 HRS OPRN)	MW 6M
		2.10	LUBRICATE AIR CLEANER (OR EVERY 100 HRS OPRN)	MW 12M
		2.11	FUEL OIL FILTERS (OR EVERY 100 HRS OPRN)	MW 12M
		2.12	LUBE OIL FILTER (OR EVERY 100 HRS OPRN)	MW 12M
		2.13	INSPECT FOR LEAKS & EXCESSIVE VIBRATIONS	MW 12M
		2.14	TEST OVERSPEED CUTOFF DEVICE	MW 24M
		2.15	TEST LUBE OIL PRESSURE SWITCH OPRN	MW 24M
		2.16	TEST HIGH WATER TEMPERATURE SWITCH OPRN	MW 24M
		2.20	CHECK FAN BELT TENSION	MW 12M
		2.21	REPLACE RADIATOR PRESSURE CAP GASKET	MW 24M
		2.22	CHECK IMMERSION HEATER	MW 24M
		2.25	CHECK TEMPERATURE	MW 12M
		2.26	(2.26 - 2.30) CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 24M
		2.31	(2.31 - 2.32) CLEAN & INSPECT COMMUTATOR SLOTS & RINGS	MW 24M
		2.34	CLEAN & INSPECT ENGINE CONTROL PANEL	MW 12M
		2.36	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W
		2.36	ROUTINE RUN - 30 MINUTES	MW 2W
		2.36	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M

4.8 ALT DSL ENG AUTO; KS-15717 L11

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
155-172-302	(2/0)	3.11	TEST COMMERCIAL PWR FAILURE ALARM	MW 12M
		3.12	TEST ENGINE OPERATION ALARM	MW 12M
		3.13	(3.13 - 3.14) TEST ENGINE FAILUR ALARM	MW 12M
		3.15	TEST LOW FUEL ALARM	MW 12M
155-172-702	(3/1)	2.01	(A) CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W

155-172-702	(3/1)	2.01	(B) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.01	(C) LUBRICATE OVERSPEED CUTOFF DEVICE BEARING (OR EVERY 25 HRS OPRN)	MW 6M	-----
		2.10	AIR CLEANER (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.11	FUEL OIL FILTERS (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.12	LUBE OIL FILTER (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.13	INSPECT FOR LEAKS & EXCESSIVE VIBRATION	MW 12M	-----
		2.14	TEST OVERSPEED CUTOFF DEVICE	MW 24M	-----
		2.15	TEST LOW OIL PRESSURE SWITCH OPRN	MW 24M	-----
		2.16	TEST HIGH WATER TEMPERATURE SWITCH OPRN	MW 24M	-----
		2.20	CHECK FAN BELT TENSION	MW 12M	-----
		2.21	REPLACE PRESSURE CAP GASKET ON RADIATOR	MW 24M	-----
		2.22	CHECK IMMERSION HEATER	MW 24M	-----
		2.25	CHECK TEMPERATURE	MW 12M	-----
		2.26	(2.26 - 2.30) CLEAN & INSPECT BRUSHES & BRUSH HOLDERS	MW 24M	-----
		2.31	CLEAN & INSPECT COMMUTATORS & COLLECTOR RING SURFACES	MW 24M	-----
		2.34	CLEAN & INSPECT ENGINE CONTROL CABINET WIRING, RELAYS, SWITCHES	MW 12M	-----
		2.36	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
		2.36	ROUTINE RUN - 30 MINUTES	MW 2W	-----
		2.36	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
		2.37	CLEAN & INSPECT MAIN CONTROL CABINET RELAYS	MW 12M	-----
		2.38	INSPECT TRANSFER SWITCH	MW 12M	-----
		2.45	(2.45 - 2.49) CHECK OPERATION OF ALL TIMERS	MW 12M	-----
4.9	ALT DSL ENG AUTO; KS-15777 L23, L24, L33 & L34				
	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 & OPRN REVIEW	MW 12M	-----
155-174-301	(3/3)	2.35	CHECK BRUSH LENGTH	MW 24M	-----
155-174-302	(3/1)	2.28	TEST COMMERCIAL PWR FAILURE ALARM	MW 12M	-----
		2.29	TEST AIR PRESSURE AND CRANKING FAILURE ALARM	MW 12M	-----
		2.30	TEST HIGH LUBE OIL TEMP ALARM	MW 12M	-----
		2.31	TEST PREL HIGH WATER TEMP ALARM	MW 12M	-----
		2.32	TEST OVERSPEED & REVERSE PWR ALARM	MW 12M	-----
		2.33	TEST LOW OIL PRESSURE ALARM	MW 12M	-----
155-174-701	(3/3)	2.01	(A1 - A4) CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
		2.01	(A5) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 600 HRS OPRN)	MW 12M	-----

155-174-701 (3/3)	2.01	(B1) CHECK GOVERNOR OIL LEVEL	MW M	-----
	2.01	(B2) CHANGE GOVERNOR OIL (OR EVERY 600 HRS OPRN)	MW 12M	-----
	2.01	(C1) CHECK ALTERNATOR BEARING OIL LEVEL (BEFORE EACH RUN)	MW M	-----
	2.01	(C2) ALTERNATOR BEARINGS-OIL, DRAIN REFILL	MW 24M	-----
	2.01	(D) LUBRICATE FUEL CONTROL SHAFT (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.01	(E) LUBRICATE RADIATOR FAN BEARINGS (OR EVERY 300 HRS OPRN)	MW 12M	-----
	2.01	(F) LUBRICATE RADIATOR FAN MOTOR BEARINGS	MW 12M	-----
	2.01	(G) LUBRICATE GOVERNOR MOTOR BEARINGS	MW 12M	-----
	2.01	(H) LUBRICATE GOVERNOR LINKAGE	MW 6M	-----
	2.01	(I1) LUBRICATE STARTING MOTOR BEARINGS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	(I2) LUBRICATE BENDIX DRIVE BEARING	MW 24M	-----
	2.01	(I3) LUBRICATE SCREW SHAFT	MW 24M	-----
	2.11	(2.11.1) EMPTY FUEL DRIP TANK (AND AFTER EVERY RUN)	MW 2W	-----
	2.11	(2.11.2) L59 FUEL FILTER (OR EVERY 100 HRS OPRN)	MW 9M	-----
	2.12	(A) REPLACE FUEL OIL FILTER ELEMENTS (OR EVERY 600 HRS OPRN)	MW 12M	-----
	2.12	(D) DRAIN FUEL OIL FILTER (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.13	(A) CLEAN FUEL OIL STRAINER BY ROTATING HANDLE (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 6M	-----
	2.13	(B) REMOVE & CLEAN FUEL OIL STRAINER (OR EVERY 1000 HRS OPRN)	MW 24M	-----
	2.14	LUBE OIL FILTERS (OR EVERY 600 HRS OPRN)	MW 12M	-----
	2.16	FILTER SILENCER (OR EVERY 1000 HRS OPRN)	MW 12M	-----
	2.17	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW 12M	-----
	2.19	AIR LINE FILTER	MW 6M	-----
	2.20	TEST OVERSPEED CUTOFF DEVICE	MW 24M	-----
	2.21	TEST LOW OIL PRESSURE SWITCH	MW 24M	-----
	2.22	TEST HIGH OIL TEMP SWITCH	MW 24M	-----
	2.23	TEST HIGH WATER TEMP SWITCH	MW 24M	-----
	2.24	TEST PREL HIGH WATER TEMP SWITCH	MW 24M	-----
	2.27	CHECK WATER TEMPERATURE REGULATOR	MW 24M	-----
	2.28	CHECK FAN BELT TENSION	MW 24M	-----
	2.31	HEAT EXCHANGER WATER PUMP SWITCH	MW 24M	-----
	2.33	CLEAN & INSPECT VOLTAGE REGULATOR	MW 24M	-----
	2.34	CHECK BRUSH PRESSURE	MW 24M	-----
	2.36	CHECK BRUSH FIT	MW 24M	-----
	2.37	CHECK BRUSH ALNMT	MW 24M	-----
	2.38	CHECK BRUSH HOLDERS	MW 24M	-----

SECTION 155-001-014

155-174-701 (3/3)	2.39	CLEAN & INSPECT COMMUTATOR AND COLLECTOR RING SURFACES	MW 24M	-----
	2.40	CLEAN & INSPECT COMMUTATOR SLOTS	MW 24M	-----
	2.42	(A) CRANKING CUTOOUT SWITCH	MW 24M	-----
	2.42	CHECK FREQUENCY MONITOR SWITCH	MW 24M	-----
	2.44	(2.44.1) CLEAN & INSPECT MAIN CONTROL CABINET WIRING, RELAYS, SWITCHES	MW 12M	-----
	2.44	(B) ROUTINE RUN - 3 HOURS	MW 2W	-----
	2.44	(C) ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.44	(D-E) CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.46	TEST OPERATION OF TIMERS (AUTO SET)	MW 12M	-----

OPTIONAL FEATURES

RADIATOR COOLED

155-174-701 (3/3)	2.29	CHECK RADIATOR FAN LOW SPEED SWITCH	MW 24M	-----
	2.30	CHECK RADIATOR FAN HIGH SPEED SWITCH	MW 24M	-----

4.10 ALT DSL ENG AUTO; KS-15890 L1 & L2

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	-----
155-178-301 (3/2)	3.05	TEST FUSE ALARM	MW 12M	-----
	3.06	TEST OVERSPEED ALARM	MW 24M	-----
	3.07	TEST LOW OIL PRESSURE ALARM	MW 24M	-----
	3.08	TEST HIGH WATER TEMP ALARM	MW 24M	-----
155-178-701 (4/0)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
	2.01	CLEAN AIR CLEANER ELEMENT (OR 100H OPERATION)	MW 12M	-----
	2.01	LUBRICATE ALTERNATOR BEARING (OR 150H OPERATION)	MW 12M	-----
	2.01	LUBRICATE ENGINE AIR SHUTDOWN VALVE BUSHING (OR EVERY 75 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE FUEL RACK SOLENOID PIVOT SHAFT (OR 75H OPERATION)	MW 12M	-----
	2.01	LUBRICATE GOVERNOR LINKAGE JOINTS (OR 75H OPERATION)	MW 12M	-----
	2.01	LUBRICATE OVERSPEED CUTOFF DEVICE (OR 75H OPERATION)	MW 12M	-----
	2.01	LUBRICATE STARTING MOTOR & BENDIX DRIVE BEARINGS (OR 150H OPERATION)	MW 12M	-----
	2.01	LUBRICATE THROTTLE SOLENOID LINKAGE (OR EVERY 75 HRS OPRN)	MW 12M	-----
	2.08	REPLACE LUBE OIL FILTER ELEMENT (OR 150H OPERATION)	MW 12M	-----

155-178-701 (4/0)	2.09	PRIMARY & SECONDARY FUEL OIL FILTER SUCTION LINE FILTERS (OR EVERY 500 HRS OPRN)	MW 24M	-----
	2.10	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW 12M	-----
	2.11	(2.11.1) AIR BOX DRAINS AND TANKS(8H) (TUBES EVERY 500H)	MW 12M	-----
	2.13	TEST OVERSPEED CUTOFF DEVICE	MW 24M	-----
	2.14	FUEL OIL PRESSURE SWITCH	MW 24M	-----
	2.15	LUBRICATING OIL PRESSURE SWITCH	MW 24M	-----
	2.16	HIGH WATER TEMPERATURE SWITCH	MW 24M	-----
	2.20	REPLACE RADIATOR PRESSURE CAP	MW 24M	-----
	2.21	CHECK FAN BELT TENSION	MW 24M	-----
	2.23	(B) HEATER HEAD AND VALVE CLEANING	MW 12M	-----
	2.26	CHECK VOLTAGE REGULATOR OUTPUT (EACH VISIT TO THE STATION)	MW *	-----
	2.26	CLEAN & INSPECT ENGINE CONTROL CABINET WIRING, RELAYS, SWITCHES	MW 24M	-----
	2.27	(2.27 - 2.31) CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 24M	-----
	2.32	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 24M	-----
	2.33	(2.33.1) CHECK ALTERNATOR CABLE INSULATOR (OR 500H OPERATION)	MW 12M	-----
	2.36	CHECK CRANKING CUTOFF DEVICE	MW 24M	-----
	2.37	INSPECT SOLENOID SWITCH	MW 48M	-----
	2.39	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.39	COUTINE RUN - 1 HOUR	MW 2W	-----
	2.39	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	3.22	LOUV CONTROL RESERVOIR	MW 6M	-----

OPTIONAL FEATURES

LUBE OIL LEVEL REGULATOR

155-178-701 (4/0)	2.12	CLEAN LUBE OIL LEVEL REGULATOR (IF PROVIDED) INLET BOWL SCREEN (OR EACH 300H OPERATION)	MW 12M	-----
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TROUBLE TESTS

155-178-701 (4/0)	2.35	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT	-----
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4.11 ALT DSL ENG AUTO; KS-15899 L3, L4, L13 & L14

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	-----
155-180-302 (2/0)	2.28	TEST COMMERICAL PWR FAILURE ALARM	MW 12M	-----
	2.29	TEST AIR PRESSURE & CRANKING FAILURE ALARM	MW 12M	-----
	2.30	TEST HIGH LUBE OIL TEMP ALARM	MW 12M	-----
	2.31	TEST PREL HIGH WATER TEMP ALARM	MW 12M	-----

SECTION 155-001-014

155-180-302 (2/0)	2.32	TEST OVERSPEED AND REVERSE PWR ALARM	MW 12M	-----
	2.33	TEST LOW OIL PRESSURE ALARM	MW 12M	-----
155-180-701 (4/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
	2.01	CLEAN AIR CLEANER ELEMENTS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE ALTERNATOR BEARING (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE GOVERNOR (OR EVERY 500 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE GOVERNOR LINKAGE JOINTS (OR EVERY 75 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE RADIATOR FAN BEARINGS (OR EVERY 300 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE RADIATOR MOTOR FAN BEARINGS (OR EVERY 300 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE STARTING MOTOR & BENDIX DRIVE BEARING (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	REPLACE LUBE OIL FILTER ELEMENTS (OR EVERY 500 HRS OPRN)	MW 12M	-----
	2.12	REPLACE FUEL OIL FILTER ELEMENTS (OR EVERY 250 HRS OPRN)	MW 12M	-----
	2.13	CLEAN FUEL OIL STRAINER BY ROTATING HANDLE (OR EVERY 8 HRS OPRN)	MW 6M	-----
	2.13	REMOVE & CLEAN FUEL OIL STRAINER	MW 12M	-----
	2.17	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW 12M	-----
	2.19	TEST CRANKING CUTOFF, FREQ MONITORING AND OVERSPEED CUTOFF SWITCHES	MW 24M	-----
	2.20	TEST LUBE OIL PRESSURE SWITCH	MW 24M	-----
	2.21	TEST HIGH LUBE OIL TEMP SWITCH	MW 24M	-----
	2.22	TEST HIGH WATER TEMP SWITCH	MW 24M	-----
	2.23	TEST PREL HIGH WATER TEMP SWITCH	MW 24M	-----
	2.26	CHECK FAN BELT TENSION	MW 24M	-----
	2.29	HEAT EXCHANGER WATER PUMP SWITCH	MW 24M	-----
	2.32	(2.32 - 2.36) CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 24M	-----
	2.37	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 24M	-----
	2.38	CLEAN & INSPECT COMMUTATOR SLOTS	MW 24M	-----
	2.40	CHECK WATER LEVEL & FUEL SUPPLY (BEFORE & AFTER EACH RUN)	MW 2W	-----
	2.40	MAIN CONTROL CABINET-CLEAN & INSPECT WIRING, RELAYS, SWITCHES	MW 24M	-----
	2.40	ROUTINE RUN - 3 HOURS	MW 2W	-----
	2.40	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.41	AUTOMATIC SWITCH CO. RELAYS SECTION 040-804-701	MW 24M	-----
	2.41	STRUTHERS DUNN RELAYS-SECTION 040-801-701	MW 24M	-----

155-180-701 (4/1)	2.42	TEST OPERATION OF TIMERS (AUTO SETS)	MW 12M	-----
OPTIONAL FEATURES				
SYNCRO START				
155-180-701 (4/1)	2.01	LUBRICATE OVERSPEED TRIPS (OR EVERY 25 HRS OPRN)	MW 12M	-----
RADIATOR COOLED				
155-180-701 (4/1)	2.27	CHECK RADIATOR FAN LOW-SPEED SWITCH	MW 24M	-----
	2.28	CHECK RADIATOR FAN HIGH-SPEED SWITCH	MW 24M	-----
LUBE OIL LEVEL REGULATOR				
155-180-701 (4/1)	3.18	LUBE OIL LEVEL REG BOWL & INLET SCREEN CLEANED (OR EVERY 300 HRS OPRN)	MW 12M	-----
TROUBLE TESTS				
155-180-701 (4/1)	2.08	CLEAN & INSPECT STARTING SOLENOID SWITCH, STARTING MOTOR & BENDIX DRIVE	TT	-----
4.12 ALT DSL ENG AUTO; KS-15929 L2 & L12				
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	-----
155-185-302 (3/0)	3.07	TEST FUSE ALARM	MW 12M	-----
	3.08	TEST OVERSPEED ALARM	MW 24M	-----
	3.09	TEST LOW OIL PRESSURE ALARM	MW 24M	-----
	3.10	TEST HIGH WATER TEMPERATURE ALARM	MW 24M	-----
155-185-701 (4/0)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
	2.01	CLEAN AIR CLEANER ELEMENTS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE ALTERNATOR BEARING (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE ENGINE AIR SHUTDOWN VALVE SHAFT BRUSHING (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE GOVERNOR LINKAGE JOINTS (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE OVERSPEED CUTOFF DEVICE (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.01	REPLACE LUBE OIL FILTER ELEMENTS (OR EVERY 250 HRS OPRN)	MW 12M	-----
	2.03	CHECK LUBRICATING OIL PRESSURE (AND DURING EACH RUN)	MW M	-----
	2.04	CHECK LUBRICATING OIL TEMPERATURE (AND DURING EACH RUN)	MW M	-----
	2.05	CHECK ENGINE SPEED (AND DURING EACH RUN)	MW M	-----
	2.12	REPLACE PRIMARY OR SECONDARY FILTERS AND FUEL OIL STRAINER (OR EVERY 500 HRS OPRN)	MW 12M	-----
	2.14	REPLACE LUBE OIL FILTER ELEMENTS (OR EVERY 250 HRS OPRN)	MW 12M	-----

SECTION 155-001-014

155-185-701 (4/0)	2.15	REPLACE GOVERNOR FILTER (OR EVERY 250 HRS OPRN)	MW 12M	-----
	2.16	CLEAN LUBE OIL COOLER & HEAT EXCHANGER	MW 12M	-----
	2.17	AIR BOX DRAIN TANKS (OR EVERY 8 HRS OPRN)	MW M	-----
	2.17	CLEAN AIR BOX DRAINS & TANKS (OR EVERY 500 HRS OPRN)	MW 12M	-----
	2.19	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW M	-----
	2.20	TEST OVERSPEED AND CRANKING CUTOFF DEVICES	MW 24M	-----
	2.21	(B) CHECK LUBE OIL PRESSURE SWITCH	MW 24M	-----
	2.22	(B) CHECK FUEL OIL PRESSURE SWITCHES	MW 24M	-----
	2.24	(B) CHECK HIGH WATER TEMPERATURE SWITCH	MW 24M	-----
	2.25	CHECK PRELIMINARY HIGH WATER TEMPERATURE SWITCH OPRN	MW 12M	-----
	2.26	CHECK ENGINE WATER TEMPERATURE	MW M	-----
	2.27	CHECK COOLING WATER SOLUTION	MW 12M	-----
	2.28	REPLACE HEAT EXCHANGER & RADIATOR PRESSURE CAPS	MW 24M	-----
	2.29	CHECK FAN BELT TENSION	MW 24M	-----
	2.32	CHECK HEAT EXCHANGER WATER PUMP SWITCH	MW 24M	-----
	2.33	CHECK ANTIFREEZE SOLUTION AND RUST INHIBITOR	MW 12M	-----
	2.35	(B) CHECK IMMERSION HEATER	MW 24M	-----
	2.36	REPLACE ETHER SUPPLY	MW 24M	-----
	2.38	(A) CHECK ENGINE ALTRN OUTPUT VOLTAGE	MW M	-----
	2.39	CHECK BRUSH PRESSURE	MW 48M	-----
	2.40	CHECK BRUSH LENGTH	MW 12M	-----
	2.41	CHECK BRUSH FIT	MW 12M	-----
	2.42	CHECK BRUSH ALIGNMENT	MW 12M	-----
	2.43	CHECK BRUSH HOLDERS	MW 12M	-----
	2.44	CLEAN & INSPECT COLLECTOR RING SURFACES	MW 48M	-----
	2.46	DISMANTLE, CLEAN, & LUBRICATE STARTING MOTOR SPRAG CLUTCH	MW 48M	-----
	2.48	(B) ROUTINE RUN - 1 HOUR	MW 2W	-----
	2.48	(C) ROUTINE RUN - 7 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.48	CHECK WATER LEVEL & FUEL SUPPLY (BEFORE & AFTER EACH RUN)	MW 2W	-----

OPTIONAL FEATURES

REMOTE MOUNTED RADIATOR

155-185-701 (4/0)	2.30	CHECK RADIATOR FAN LOW-SPEED SWITCH	MW 24M	-----
	2.31	CHECK RADIATOR FAN HIGH-SPEED SWITCH	MW 24M	-----

LUBE OIL LEVEL REGULATOR

155-185-701 (4/0)	2.16	(2.16.1) CLEAN INLET BOWL & BRASS SCREEN (OR EVERY 300 HRS OPRN)	MW 12M	-----
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HEAT EXCHANGER COOLED SETS

155-185-701 (4/0)	2.37	WATER TEMPERATURE REGULATOR	MW 12M	-----
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TROUBLE TESTS

155-185-701	(4/0)	2.06	ENGINE ALTNR KW OUTPUT	TT	-----
		2.07	EXHAUST OUTLET BACK PRESSURE	TT	-----
		2.08	EXHAUST VALVE LASH OR CLEARANCE	TT	-----
		2.09	INJECTOR SETTING	TT	-----
		2.10	FUEL OIL PRESSURE	TT	-----
		2.11	FUEL INJECTORS	TT	-----
		2.13	FUEL INJECTOR FILTERS	TT	-----
		2.23	LUBE OIL PRESSURE TIMER	TT	-----
◆	4.13	ALT DSL ENG AUTO; K3-15954 L3, L4, L13 & L14			
	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
	155-187-302	(3/0)	2.29	TEST COMMERCIAL PWR FAILURE ALARM	MW 24M
			2.30	TEST AIR PRESSURE AND CRANKING FAILURE ALARM	MW 12M
			2.31	TEST HIGH LUBE OIL PRESSURE ALARM	MW 12M
			2.32	TEST PREL HIGH WATER TEMP ALARM	MW 12M
			2.33	TEST OVERSPEED & REVERSE PWR ALARM	MW 12M
			2.34	TEST LOW OIL PRESSURE ALARM	MW 12M
◆	155-187-701	(2/4)	2.01	(A1 - A4) CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W
◆			2.01	(A5) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 300 HRS OPRN)	MW 12M
◆			2.01	(B1) CHECK GOVERNOR OIL LEVEL	MW M
◆			2.01	(B2) CHANGE GOVERNOR OIL (OR EVERY 300 HRS OPRN)	MW 12M
			2.01	(C) LUBRICATE ALTERNATOR BEARINGS (OR 150H OPERATION)	MW 12M
			2.01	(D) LUBRICATE RADIATOR FAN BEARINGS (OR 300H OPERATION)	MW 12M
			2.01	(E) LUBRICATE RADIATOR FAN MOTOR (OR 300H OPERATION)	MW 12M
			2.01	(F) LUBRICATE GOVERNOR MOTOR BEARINGS (OR 300H OPERATION)	MW 12M
			2.01	(G) LUBRICATE LINKAGE JOINTS	MW 12M
			2.01	(H1) LUBRICATE STARTING MOTOR BEARING	MW 12M
			2.01	(H2) LUBRICATE BENDIX DRIVE BEARING	MW 24M
			2.01	(H3) LUBRICATE PINION SCREW SHAFT	MW 24M
◆			2.08	(A - B) CHECK STARTING SOLENOID SWITCH DISC CONTACT STUDS	MW 48M
◆			2.12	FUEL OIL FILTER (OR 250H OPERATION)	MW 12M
◆			2.13	(A) CLEAN FUEL OIL STRAINER ELEMENT BY ROTATING HANDLE (OR EVERY 8 HRS OPRN AND PRIOR TO EACH RUN)	MW M

SECTION 155-001-014

155-187-701 (2/4)	2.13	(B) REMOVE & CLEAN FUEL OIL STRAINER ELEMENT	MW 12M	-----
	2.14	REPLACE LUBE OIL FILTER ELEMENTS (OR 300H OPERATION)	MW 24M	-----
	2.16	AIR CLEANER (OR 1000H OPERATION)	MW 24M	-----
	2.17	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW 12M	-----
	2.18	TURBOCHARGER OIL PRESSURE SWITCH	MW 24M	-----
	2.20	TEST OVERSPEED & CRANKING CUTOFF DEVICES	MW 24M	-----
	2.21	TEST LUBE OIL PRESSURE SWITCH	MW 24M	-----
	2.22	TEST HIGH LUBE OIL TEMP SWITCH	MW 24M	-----
	2.23	TEST HIGH WATER TEMP SWITCH	MW 24M	-----
	2.24	CHECK PREL. HIGH WATER TEMP SWITCH	MW 24M	-----
	2.27	CHECK FAN BELT TENSION	MW 24M	-----
	2.30	HEAT EXCHANGER WATER PUMP SWITCH	MW 24M	-----
	2.33	(2.33 - 2.37) CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 24M	-----
	2.39	CLEAN & INSPECT COMMUTATOR SLOTS	MW 24M	-----
	2.42	CHECK WATER LEVEL & FUEL SUPPLY (BEFORE & AFTER EACH RUN)	MW 2W	-----
	2.42	ROUTINE RUN - 3 HOURS	MW 2W	-----
	2.42	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.43	CLEAN & INSPECT CABINET WIRING, RELAYS, SWITCHES, EQUIPMENT	MW 12M	-----

OPTIONAL FEATURES

RADIATOR COOLED

155-187-701 (2/4)	2.28	RADIATOR FAN LOW SPEED SWITCH	MW 24M	-----
	2.29	RADIATOR FAN HIGH SPEED SWITCH	MW 24M	-----

LUBE OIL REGULATOR

155-187-701 (2/4)	2.19	CLEAN LUBE OIL LEVEL REG. INLET SCREEN BOWL (IF PROVIDED) (OR EVERY 300 HRS OPRN)	MW 12M	-----
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TROUBLE TESTS

155-187-701 (2/4)	2.08	(C) CLEAN & INSPECT STARTING MOTOR AND BENDIX DRIVE	TT	-----
	2.38	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	TT	-----

4.14 ALT DSL ENG AUTO; KS-19583 & KS-19584

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	-----
155-191-301 (1/3)	3.06	(3.06 - 3.10) TEST ALARMS	MW 12M	-----
155-191-701 (2/4)	2.01	(A1 - A2) CHECK CRANKCASE OIL LEVEL (AND START OF EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
	2.01	(A3) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----

◆	155-191-701 (2/4)	2.01	(C1) CHECK GOVERNOR FILTER RESERVOIR OIL LEVEL (OR EVERY 1000 HRS OPRN)	MW 12M	-----
◆		2.01	(D) LUBRICATE BEARING (OR EVERY 900 HRS OPRN)	MW 24M	-----
◆		2.01	(F1) LUBRICATE STARTING MOTOR BEARINGS (OR EVERY 300 HRS OPRN)	MW 24M	-----
		2.01	(F2) LUBRICATE SPRAG CLUTCH BEARING	MW 24M	-----
		2.01	(G) LUBRICATE GOVERNOR MOTOR BEARINGS	MW 12M	-----
		2.01	(H1) GOVERNOR LINKAGE JOINTS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	(H2) LUBRICATE AIR SHUTDOWN VALVE SHAFT BEARING	MW 12M	-----
		2.08	REPLACE PRIMARY & SECONDARY FUEL OIL FILTERS AND FUEL OIL STRAINER (OR EVERY 300 HRS OPRN)	MW 12M	-----
◆		2.10	REPLACE LUBE OIL FILTER ELEMENT (OR EVERY 100 HRS OPRN)	MW 24M	-----
		2.11	CLEAN LUBE OIL COOLER (OR AS REQUIRED)	MW 12M	-----
		2.12	REPLACE AIR CLEANER ELEMENT	MW 12M	-----
◆		2.13	CLEAN AIR BOX DRAINS & TANKS (OR EVERY 300 HRS OPRN)	MW 6M	-----
		2.14	INSPECT FOR LEAKS, EXCESSIVE NOISE VIBRATION	MW 12M	-----
		2.15	TEST OVERSPEED & CRANKING CUTOFF DEVICES	MW 24M	-----
		2.16	CHECK LOW OIL PRESSURE SWITCH	MW 24M	-----
		2.17	CHECK PREL. HIGH WATER TEMP SWITCH	MW 24M	-----
		2.18	CHECK HIGH WATER TEMP SWITCH	MW 24M	-----
◆		2.26	CHECK FAN BELT TENSION (OR EVERY 300 HRS OPRN)	MW 12M	-----
◆		2.29	IMMERSON HEATER (OR EVERY 300 HRS OPRN)	MW 6M	-----
		2.30	CHECK ALTERNATOR & EXCITER VOLTAGE REGULATOR OUTPUT	MW 12M	-----
◆		2.36	(B) ROUTINE RUN - 1 HOUR	MW 2W	-----
◆		2.36	(C) ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
		2.36	CHECK WATER LEVEL & FUEL SUPPLY (BEFORE & AFTER EACH RUN)	MW 2W	-----
		2.36	CLEAN & INSPECT MAIN CONTROL CABINET WIRING, RELAYS, SWITCHES, EQUIPMENT	MW 12M	-----

OPTIONAL FEATURES

◆	RADIATOR COOLED				
	155-191-701 (2/4)	2.01	(E) LUBRICATE RADIATOR FAN BEARINGS	MW 60M	-----
◆	LUBE OIL LEVEL REGULATOR				
	155-191-701 (2/4)	2.01	(B) CLEAN LUBE OIL LEVEL REG. INLET SCREEN BOWL (OR EVERY 9000 HRS OPRN)	MW 12M	-----
◆	4.15 ALT DSL ENG AUTO; KS-19585 & KS-19586				
	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	-----

SECTION 155-001-014

◆	155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
◆	155-192-301 (1/3)	3.07	(3.07 - 3.10) TEST ALARMS	MW 12M	-----
◆	155-192-701 (2/4)	2.01	(A1 - A2) CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
◆		2.01	(A3) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
◆		2.01	(B2 - B3) CHECK CRANKCASE (AND START OF EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
◆		2.01	(B4) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 300 HRS OPRN)	MW 12M	-----
◆		2.01	(C) CHECK GOVERNOR FILTER RESERVOIR OIL LEVEL (OR EVERY 1000 HRS OPRN)	MW 24M	-----
		2.01	(D) LUBRICATE ALTERNATOR BEARING (OR EVERY 300 HRS OPRN)	MW 24M	-----
		2.01	(G1) STARTING MOTOR BEARINGS (OR EVERY 300 HRS OPRN)	MW 24M	-----
		2.01	(G2) LUBRICATE SPRAG CLUTCH BEARING	MW 24M	-----
		2.01	(H) LUBRICATE GOVERNOR MOTOR BEARINGS	MW 24M	-----
◆		2.01	(I1) LUBRICATE GOVERNOR LINKAGE JOINTS (OR EVERY 24 HRS OPRN)	MW 6M	-----
		2.01	(I2) LUBRICATE AIR SHUTDOWN VALVE SHAFT BEARING	MW 12M	-----
		2.08	REPLACE PRIMARY & SECONDARY FUEL OIL FILTERS AND FUEL OIL STRAINER (OR EVERY 300 HRS OPRN)	MW 12M	-----
◆		2.10	REPLACE LUBE OIL FILTER ELEMENT (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.11	CLEAN LUBE OIL COOLER (OR AS REQUIRED)	MW 12M	-----
		2.12	REPLACE AIR CLEANERS ELEMENTS	MW 12M	-----
◆		2.13	CLEAN AIR BOX DRAINS & TANKS (OR EVERY 300 HRS OPRN)	MW 6M	-----
		2.14	INSPECT FOR LEAKS, EXCESSIVE NOISE, VIBRATION	MW 12M	-----
		2.15	TEST OVERSPEED & CRANKING CUTOFF DEVICES	MW 24M	-----
		2.16	CHECK LOW OIL PRESSURE SWITCH	MW 24M	-----
		2.17	TEST PREL. HIGH WATER TEMP SWITCH	MW 24M	-----
		2.18	TEST HIGH WATER TEMP SWITCH	MW 24M	-----
		2.31	CHECK ALTERNATOR & EXCITER VOLTAGE REGULATOR OUTPUT	MW 12M	-----
◆		2.37	(B) ROUTINE RUN - 1 HOUR	MW 2W	-----
◆		2.37	(C) ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
		2.37	CLEAN & INSPECT MAIN CONTROL CABINET WIRING, RELAYS, SWITCHES, EQUIPMENT	MW 24M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

◆ REMOTE MOUNTED RAIDATOR

◆	155-192-701 (2/4)	2.01	(F) LUBRICATE REMOTE RADIATOR FAN MOTOR BEARINGS	MW 12M	-----
◆		2.27	CHECK REMOTE RADIATOR FAN BELT TENSION (OR EVERY 300 HRS OPRN)	MW 6M	-----

◆ SET MOUNTED RADIATOR

155-192-701 (2/4)	2.01	(E) LUBRICATE RADIATOR FAN BEARINGS	MW 60M	-----
	2.26	CHECK FAN BELT TENSION (OR EVERY 300 HRS OPRN)	MW 12M	-----

OPTIONAL FEATURES

IMMERSION HEATER

155-192-701 (2/4)	2.30	CHECK IMMERSION HEATER OPERATION (OR EVERY 300 HRS OPRN)	MW 6M	-----
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4.16 ALT DSL ENG AUTO; KS-19587 L1 & L2

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	-----
155-189-301 (3/1)	3.07	(3.07 - 3.10) TEST ALARMS	MW 12M	-----
155-189-701 (3/3)	2.01	(A1 - A2) CHECK CRANKCASE OIL LEVEL (OR PRIOR TO EACH RUN OR EVERY 8 HRS OPRN)	MW 2W	-----
	2.01	(A3) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	(D) LUBRICATE ALTERNATOR BEARING (OR EVERY 2000 HRS OPRN)	MW 12M	-----
	2.07	CLEAN & INSPECT FUEL INJECTORS (OR EVERY 1000 HRS OPRN)	MW 12M	-----
	2.08	REPLACE PRIMARY & SECONDARY FUEL OIL FILTER ELEMENTS (OR EVERY 500 HRS OPRN)	MW 24M	-----
	2.09	LUBE OIL FILTER (OR EVERY OIL CHANGE)	MW 12M	-----
	2.10	BYPASS LUBE OIL FILTER (OR EVERY 100 HRS OPRN)	MW 24M	-----
	2.11	(2.11.1) CLEAN LUBE OIL LEVEL REGULATOR INLET BOWL AND BRASS SCREEN (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.11	CLEAN LUBE OIL COOLER (OR AS REQUIRED)	MW 12M	-----
	2.12	REPLACE AIR CLEANER ELEMENTS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.13	INSPECT FOR LEAKS, EXCESSIVE NOISE, VIBRATION	MW 12M	-----
	2.14	TEST OVERSPEED AND CRANKING CUTOFF	MW 24M	-----
	2.15	CHECK LOW OIL PRESSURE SWITCH	MW 24M	-----
	2.16	CHECK HIGH WATER TEMP SWITCH	MW 24M	-----
	2.17	CHECK PREL. HIGH WATER TEMP SWITCH	MW 24M	-----
	2.20	CHECK FAN BELT TENSION (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.25	CLEAN ALTERNATOR, EXCITER, & VOLTAGE REGULATOR (OR AS REQUIRED)	MW 12M	-----
	2.30	CHECK LUBE OIL SUPPLY TANK (OR AS REQUIRED)	MW M	-----
	2.30	CHECK WATER LEVEL & FUEL SUPPLY (BEFORE AND AFTER EACH RUN)	MW 2W	-----
	2.30	CLEAN & INSPECT MAIN CONTROL CABINET WIRING, RELAYS, SWITCHES, EQUIPMENT	MW 24M	-----
	2.30	ROUTINE RUN - 1 HOUR	MW 2W	-----

SECTION 155-001-014

◆	155-189-701 (3/3)	2.30	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
OPTIONAL FEATURES					
◆ REMOTE MOUNTED RADIATOR					
◆	155-189-701 (3/3)	2.01	(E) LUBRICATE REMOTE RADIATOR FAN MOTOR BEARINGS (OR EVERY 1000 HRS OPRN)	MW 12M	-----
◆ LUBE OIL LEVEL REGULATOR					
◆	155-189-701 (3/3)	2.01	(B1) CLEAN LUBE OIL LEVEL REG CLEAN SCREEN (OR EVERY 300 HRS OPRN)	MW 6M	-----
◆ IMMERSION HEATER					
◆	155-189-701 (3/3)	2.24	(B) IMMERSION NEATER (OR EVERY 1000 HRS OPRN)	MW 24M	-----
◆ 4.17 ALT DSL ENG AUTO; KS-22344 GUARDIAN 24KW AC RESERVE					
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	-----
◆	155-197-001 (1/0)	006	PERFORM 2-WEEK ROUTINE RUN	MW 2W	-----
◆		007	PERFORM ANNUAL RUN (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
◆		008	CHANGE LUBE OIL OR PERFORM OIL ANALYSIS (OR EVERY 250 HRS OPRN)	MW 12M	-----
◆ 4.18 ALT DSL ENG AUTO; 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	-----
◆ COOLING SYS CNTG ANTIFREEZE					
◆	065-305-301 (12/0)	4.01	(4.01 - 4.11) TEST ANTIFREEZE SOLLUTION (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	-----
◆ 4.19 ALT DSL ENG AUTO; SUMP OIL ANALYSIS FOR STBY ENG ALTNR					
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	-----
◆ 4.20 ALT DSL ENG AUTO; 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	-----

065-320-301 (8/0)	5.01 (5.01 - 5.04) WATER DETN & RMVL	MW 12M	-----
	6.01 (6.01 - 6.04) FUEL SMPL REQT	MW 12M	-----
TROUBLE TESTS			
065-320-301 (8/0)	7.01 FUEL INHIBITOR	TT	-----
	8.01 ON-SITE FUEL FILTRATION	TT	-----
4.21 ALT DSL ENG AUTO; 900-TYP PWR PLT AUTO FL PUMP CONT			
FOR ALL UNITS			
155-020-105 (1/0)	5.02 TRG FUEL PUMP SYS CHECK	MW 6M	-----
	5.03 CHECK CONTROL UNIT ALARM TEST	MW 6M	-----