

DEPARTMENT OF HOMELAND SECURITY
U.S. COAST GUARD

FULL POWER TRIAL LOG SUMMARY - 270' WMEC "A" CLASS

CUTTER NAME			DATE		TIME		ENGINE SERIAL NUMBER					
CYLINDER	COMPRESSION PRESSURE PSIG	FIRING PRESSURE PSIG	START		PLUS 30 MINUTES		PLUS 60 MINUTES		PLUS 90 MINUTES		END	
			FUEL MM	EXHAUST TEMP. F	FUEL MM	EXHAUST TEMP. F	FUEL MM	EXHAUST TEMP. F	FUEL MM	EXHAUST TEMP. F	FUEL MM	EXHAUST TEMP. F
1L												
2L												
3L												
4L												
5L												
6L												
7L												
8L												
9L												
1R												
2R												
3R												
4R												
5R												
6R												
7R												
8R												
9R												
EXHAUST TO TURBOCHARGER 1L												
EXHAUST TO TURBOCHARGER 2L												
EXHAUST TO TURBOCHARGER 1R												
EXHAUST TO TURBOCHARGER 2R												
EXHAUST FROM TURBOCHARGER												
ENGINE RPM (MPCMS TACHOMETER)												
ENGINE RPM (HAND TACHOMETER)												
SHAFT RPM												
PROPELLED PITCH (PERCENT)												
COMMENTS:												



CUTTER NAME			DATE		TIME		ENGINE SERIAL NUMBER					
COMPONENTS	START		PLUS 30 MINUTES		PLUS 60 MINUTES		PLUS 90 MINUTES		END			
	PRESS	TEMP F	PRESS	TEMP F	PRESS	TEMP F	PRESS	TEMP F	PRESS	TEMP F		
ENGINE ROOM AMBIENT TEMP												
ENGINE ROOM BAR. PRESS (INCHES HG)												
CRANKCASE VACUUM (INCHES WATER)												
AIR MANIFOLD PRESS (PSIG)												
FUEL OIL PRESS (PSIG)												
LUBE OIL TO ENGINE PRESS (PSIG)												
LUBE OIL FROM ENGINE TEMP												
SEA WATER TO JW COOLER												
FRESH WATER TO ENGINE												
FRESH WATER FROM ENGINE TEMP												
REDUCTION GEAR LUBE OIL												
CLUTCH AIR PRESS (PSIG)												
THRUST BEARING OIL TEMP												
SERVO OIL SUPPLY PRESS												
SERVO OIL AHEAD TO PROPELLER												
SERVO OIL RETURN FROM PROPELLER												
SERVO OIL TEMP												
CONTROL AIR TO GOVERNOR PRESS												
EXHAUST GAS BACK PRESS (INCHES WATER)												
AIR TEMP TO AFTERCOOLER												
AIR TEMP FROM AFTERCOOLER												
HIGH RED GEAR BEARING TEMP												
COMMENTS:												

