



**MARINE ENGINE PID SEA TRIAL DATA**

DISTRIBUTOR NAME <b>FLORIDA DETROIT DIESEL-ALLISON</b>					AFA NUMBER					DATE OF TEST <b>3/19/01</b>				
DISTRIBUTOR BRANCH OR DEALER <b>TAMPA</b>					R.O. NO.			DD CLAIM NO.						
BOAT MANUFACTURER <b>BERTRAM</b>					CUSTOMER NAME <b>STEVE SWINDELL</b>									
PORT SERIAL NO. <b>5351000195</b>			PORT MODEL NO. <b>R1227K03</b>		STARBOARD SERIAL NO. <b>5352000194</b>			STARBOARD MODEL NO. <b>R1227K02</b>						
PORT GEAR MODEL <b>DD272EA</b>		SERIAL NO. <b>9A0575</b>		RATIO <b>1.66:1</b>		STARBOARD GEAR MODEL <b>DD272EA</b>		SERIAL NO. <b>9A0574</b>		RATIO <b>1.66:1</b>				
HULL NO. <b>BERK0534A696</b>			TYPE HULL & LENGTH OVERALL. BEAM, DRAFT <b>PLANING - 60 X 17 X 6</b>			VESSEL NAME <b>BLUE HEAVEN</b>								
PROP: DXP-NO. BLDS/BAR & MFG <b>33 X 36.5 4 BLADE</b>				INJECTOR (MVI) <b>DDEC</b>		TEST LOCATION & WATER DEPTH <b>GULF OF MEXICO</b>			WIND SPEED / SEA STATE <b>5MPH/ 1-2 FT</b>					
FUEL: CAPACITY <b>1650</b> (GAL)		TESTLOAD <b>1650</b> (GAL)		WATER: CAPACITY <b>300</b> (GAL)		TESTLOAD <b>300</b> (GAL)		HULL BOTTOM CONDITION & OTHER EQUIP. <b>CLEAN</b>			TEST WT. (LBS) <b>93000</b>	NO. PASSENGERS <b>4</b>		
IDLE RPM <b>575</b>	PORT				HOURS <b>38.4</b>	TEST PARAMETER (UNITS)				IDLE RPM <b>575</b>	STARBOARD			HOURS <b>39.6</b>
1200	1600	1900	2100	2360 <sup>FL</sup>	2360 <sup>NL RPM</sup>	RPM		2360 <sup>NL RPM</sup>	2360 <sup>FL</sup>	2100	1900	1600	1200	
.37	.73	1.10	1.47	1.10	RAW WATER IN (IN.HG.)		1.10	1.47	1.10	.73	.37			
8	15	20	25	32	RAW WATER PR. (PSI)		34	25	20	15	8			
					FUEL PUMP IN (IN.HG.)									
					FUELPRESSURE (PSI)									
123.0	127.5	127.5	127.5	127.5	LUBE OIL PR. (PSI)		127.5	127.5	127.5	127.5	118.5			
0	0	0	0	0	EXH. BK. PR.-INBOARD (IN.HG.)		.07	.07	0	0	0			
0	0	0	0	0	EXH. BK. PR.-OUTBOARD (IN.HG.)		.07	.07	0	0	0			
					AIR INLET PR.									
					ENG. ROOM DEP. (IN.H2O)									
68	68	68	68	68	AMBIENT AIR (°F)		68	68	68	68	68			
			67	68	ENG. AIR INTAKE-INBOARD (°F)		66	68						
			58	59	ENG. AIR INTAKE-OUTBOARD (°F)		59	57						
81	81	82	83	83	FUEL IN (°F)		83	82	82	81	83			
168	182	181	184	189	COOLANT (°F)		189	184	181	178	181			
274	312	338	356	370	GEAR OIL PR. (PSI)		348	332	322	256	260			
122	116	114	114	120	GEAR OIL TEMP. (°F)		110	110	105	105	102			
3	6	6	3	3	#1	RUNNING ANGLE	#1	31.4	28.0	24.7	19.6	11.6		
					#2	SPEED (MPH/K)	#2							
STOP SOLENOID (V)		STARTER (V)		ENGINE ANGLE @ REST (DEG)		AMBIENT WATER (°F)		STOP SOLENOID (V)		STARTER (V)				
		<b>27.3</b>		<b>0</b>		<b>68</b>				<b>27.6</b>				
TECHNICIAN COMMENTS										COMPARED INSTALLATION WITH ORIGINAL PID <input type="checkbox"/>				
SIGNATURE														
DISTRIBUTOR AUTHORIZED SIGNATURE					DATE <b>3/19/01</b>		ENGINE SELLING DISTRIBUTOR <b>FLORIDA DETROIT DIESEL-ALLISON</b>							