DONZI MARINE

GAS ENGINE BOAT TEST DATA SHEET

TEST #

			PORT	CNTR	STBD		
DATE	7/31/2006	IDLE OIL PSI		20		LOCATION	SARASOTA BAY
BOAT MODEL	27 ZR	WOT OIL PSI		45		WATER CONDITIONS	CALM
BOAT NUMBER	#10	IDLE OIL TEMP				WIND CONDITIONS	0
ENGINE MGRF	MERCURY	WOT OIL TEMP				AIR TEMPERATURE	91
ENGINE MODEL	496 HO	IDLE WATER TEMP		165		HUMIDITY	92%
DRIVE MODEL	B 1 X	WOT WATER TEMP		170		RADAR OR GPS	RADAR
GEAR RATIO (X:1)	1.65	IDLE WATER PRESS				PROPELLER MODEL	BRAVO 1
PROPSHAFT (HP)	425	WOT WATER PRESS				NUMBER OF BLADES	4
RPM RANGE	4600-5000	IDLE FUEL PRESSURE				PITCH	28
X" DIMENSION	13X3/8	WOT FUEL PRESSURE				DRIVE TOE-IN	0
FUEL LOAD	50	IDLE VACUUM (PSI)				PROPELLER ROTATION	RH
TRIM TABS	BENETT LONG	WOT BOOST				GENERATOR	NO
EXHAUST SYSTEM	Q&Q					AIR CONDITIONER	NO
DRIVER	SMITH					EXTENSION BOX	NO
CO-DRIVER	JUNKER					ACCELERATION TEST	7.8
WEIGHT FORWARD	NO					RPM TO PLANE	3200
WEIGHT AFT	SCALES					CRUISING RPM	3500
TOTAL WEIGHT	#VALUE!	KEEL TO AFT LIFT POINT				RECOMMENDED PROP	YES
LIFING PONTS INCHES		CENTER OF GRAVITY	#VALUE!	INCHES	#VALUE!	FEET	

MINIMUM RPM TO MAINTAIN TO PLANE 2500 RPM 26.3 MPH

	MPH		GPH EACH		MPH		GPH EACH
1000 RPM:		N		4000 RPM:	49.5	N	
		S				S	
1500 RPM:		N		4500 RPM		N	
		S				S	
2000 RPM:		N		5000 RPM:		N	
		S				S	
2500 RPM:	26.3	N		5500 RPM:		N	
		S				S	
3000 RPM:	32.8	N		6000 RPM:		N	
		S				S	
3500 RPM:	42.0	N		MAX RPM:		N	
		S				S	

CRUISE SUMMARY

RPM:	3500		
GPH:		TRIM:	10%
MAX SPEEDOMETER READING			46.0
MAXIMUM RADAR READING			

WOT SUMMARY

RPM:	5000	PORT	
		STBD	
MPH:		N	
		S	
GPH		TRIM	45%
MAX SPEEDOMETER READING			70.3
MAXIMUM RADAR READING			

NOTES:	IDLE	MPH AT	RPM	GPH

FUEL STABILIZER ADDED - NO WINTERIZED - YES

PERFORMANCE DISCLAIMER

Donzi Marine advises that the performance figures are merely an estimate of what you can expect based on our factory testing program. Boat speeds will vary depending on weight, fuel load, number of passengers, air temperature, altitude, humidity, barometric pressure, water conditions, wind, engine tuning, horsepower (HP) variance from engine to engine, propellers, and numerous other factors beyond our control. All speeds are obtained by professional test boat drivers in optimum conditions. Center of Gravity measurements are taken when the boat is dry (No fuel, nowater, no gear and no passengers).