



Test Report Work Sheet

Printed Date	Date Tested	Mako		28 DC		Sterndrive Manufacturer			Model	HS63A
		Boat Manufacturer		Model		Transmission Manufacturer			ZF	
	3/23/2004	TAMD41-P	2041065149	2041065155	200	147	(S) Serial Number	19963	2.04:1	
Note: Single use starboard		Engine(s) Model	Starboard Serial No.	Port Serial No.	HP	KW	(P) Serial Number	19961	Ratio	

UP			DOWN		FUEL FLOW		CONVERSION		AVERAGES			RANGE		SETTINGS	
RPM	MPH	KPH	MPH	KPH	GPH	LPH	G/L	L/G		MPH	KPH	MPG	MPL	NMPL	TRIM/ TAB
IDLE	4.8	4.2	5.7	5.0			0.0	0.0		5.3	4.6	#DIV/0!		0.0	
1000	6.3	5.5	7.1	6.2			0.0	0.0		6.7	5.8	#DIV/0!		0.0	
1500	7.8	6.8	8.5	7.4			0.0	0.0		8.2	7.1	#DIV/0!		0.0	
2000	8.6	7.5	9.2	8.0			0.0	0.0		8.9	7.7	#DIV/0!		0.0	
2500	16.3	14.2	17.4	15.1			0.0	0.0		16.9	14.7	#DIV/0!		0.0	
3000	22.6	19.7	22.9	19.9			0.0	0.0		22.8	19.8	#DIV/0!		0.0	
3400	27.5	23.9	28.4	24.7			0.0	0.0		28.0	24.3			0.0	
3600	29.2	25.4	30.0	26.1			0.0	0.0		29.6	25.7			0.0	
wot	32.8	28.5	34.3	29.8			0.0	0.0		33.6	29.2			0.0	
		0.0		0.0			0.0	0.0			0.0			0.0	
MAX.RPM	4000-p		4000-st												
		0.0		0.0			0.0	0.0			0.0			0.0	

Divide Range by 2 if Twin Engine

TIME TO PLANE				SPECIFICATIONS										
1st	2nd	3rd	Average	L.O.A.	(In ft./in.)	28	Dry Weight	(lbs.)	8,000	Prop Material		P x D or Set	18x224bl	
5.5	6.0		5.8	Beam	(In ft./in.)	8	Fuel Weight	(lbs.)	987	Tested Boat Weight	(Estimated / Verified)		e	
Acceleration		MPH	KPH	Draft	(In ft./in.)		Water Weight	(lbs.)	0	Tachometer Verified		(Y / N) :	y	
0 - 10				Fuel Load	(gal.)	140	Crew Weight	(lbs.)	800	Throttle opening checked		(Y / N) :	y	
0 - 20				Water Load	(gal.)	0	Gear Weight	(lbs.)	200	X - Dimension				
0 - 30				Number of Crew		4	Test Weight	(lbs.)	9,987	Transom Angle				
0 - 40				Engine Room Measurements						Location of Test	Barnegat Bay N.J.			
0 - 50				Engine Room Depression		0	Db Level			Feet above Sea Level			0	
0 - 60				Temperature: Front	SB		P			Ambient Air Temperature			48	
0 - MAX				Temperature: Rear	SB					Barometer		Water Temp.		35
TEST PERFORMED BY:				Engine Inlet Temperature	SB					Humidity		Wind Speed		15-20mph
Drew Normand				Exhaust Temperature	SB					Type of Water	salt			
Speeds verified by Radar/GPS			gps	Exhaust Back Pressure	SB					Sea Conditions	fair			
NOTES Fuel Capacity, 200 gal. #900 Racor fuel filters. Shaft size increased to 1.5". Exhaust 9' with inline mufflers and surge tubes. Riser height approx 16".														
3 group 27 batteries, 5' 2'0 cable. Weight additional to advertised includes a tower and 3 kw generator. (approx 2000lbs) 30 gal water tank was empty.														
Recommendations included securing batt cables away from stbd aftercooler and steering lines off stbd engine top. Orig power 350 cid 270 hp with 1.88 trans with														
17x19 3 blade. Prior performance was a 20kt cruise @ 3200 rpm approx 28-30 gph.														