



2020 MODEL YEAR 350 REALM

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TEST #1 Test Date: 07-November-2018

MODEL	350 Realm
HULL #	USBWCE0917J819
ENGINE	Triple Mercury 300 V8 AMS
HORSEPOWER	900
GEAR RATIOS	1.85 : 1
PROP	16" x 20" EnerTia Eco
FUEL CAPACITY	385 gal.

Notable Options: Joystick piloting, Active trim

WEIGHT SUMMARY

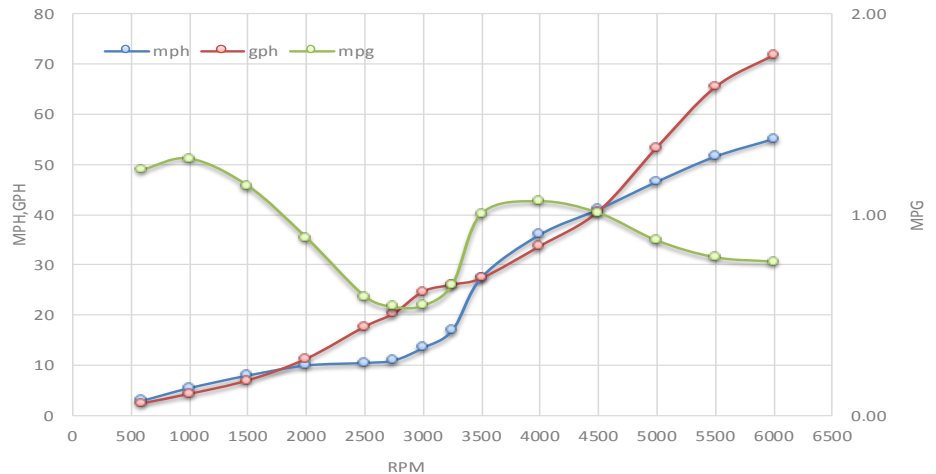
DRY WEIGHT	N/A
FUEL	185 gal.
WATER	0 gal.
TEST GEAR	25 lbs
PERSONNEL	410 lbs
TEST WEIGHT	N/A
WATER CONDITIONS	80° F
WEATHER CONDITIONS	84° F

Speed

Fuel Consumption

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.0	2.6	2.5	1.22	1.06	424
	1000	5.5	4.8	4.3	1.28	1.11	443
	1500	8.0	6.9	7.0	1.14	0.99	396
	2000	10.0	8.7	11.3	0.88	0.77	307
	2500	10.5	9.1	17.7	0.59	0.52	206
	2750	11.0	9.6	20.4	0.54	0.47	187
	3000	13.5	11.7	24.7	0.55	0.47	189
	3250	17.0	14.8	26.1	0.65	0.57	226
	3500	27.5	23.9	27.4	1.01	0.87	348
	4000	36.0	31.3	33.8	1.07	0.93	370
	4500	41.0	35.6	40.7	1.01	0.88	349
	5000	46.5	40.4	53.4	0.87	0.76	302
	5500	51.5	44.7	65.4	0.79	0.68	273
WOT	6000	55.0	47.8	71.8	0.77	0.67	265

Acceleration: Time to plane 7.7 secs | Idle - 30 mph - 8.9 secs



Notes: 1) Speed determined by GPS. Fuel consumption based on total usage by the engines. MPG computed from MPH & GPH. Range based on 90% of total fuel capacity.
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TEST #2 Test Date:
14-December-2017

MODEL	350 Realm
HULL #	USBWCE0699H718
ENGINE	Triple Mercury 350 Verado
HORSEPOWER	1050
GEAR RATIOS	1.75 : 1
PROP	16" x 19" Enertia Eco
FUEL CAPACITY	385 gal.
<i>Notable Options: Joystick piloting, Cooler bucket</i>	

WEIGHT SUMMARY

DRY WEIGHT	N/A
FUEL	150 gal.
WATER	45 gal.
TEST GEAR	25 lbs
PERSONNEL	350 lbs
TEST WEIGHT	N/A
WATER CONDITIONS	59° F
WEATHER CONDITIONS	70° F

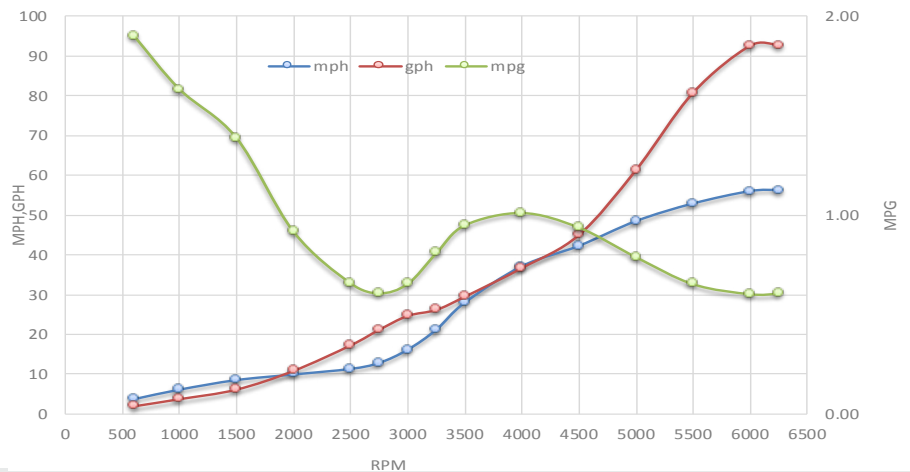


Speed

Fuel Consumption

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.8	3.3	2.0	1.90	1.65	658
	1000	6.2	5.4	3.8	1.63	1.42	565
	1500	8.6	7.5	6.2	1.39	1.20	481
	2000	10.0	8.7	10.9	0.92	0.80	318
	2500	11.4	9.9	17.3	0.66	0.57	228
	2750	12.9	11.2	21.2	0.61	0.53	211
	3000	16.2	14.1	24.7	0.66	0.57	227
	3250	21.2	18.4	26.2	0.81	0.70	280
	3500	28.0	24.3	29.5	0.95	0.82	329
	4000	37.1	32.2	36.7	1.01	0.88	350
	4500	42.2	36.6	45.0	0.94	0.81	325
	5000	48.4	42.0	61.3	0.79	0.69	274
	5500	52.8	45.9	80.7	0.65	0.57	227
	6000	55.9	48.5	92.5	0.60	0.52	209
WOT	6250	56.2	48.8	92.7	0.61	0.53	210

Acceleration: Time to plane 7.8 secs | Idle - 30 mph - 9.9 secs



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TEST #3 Test Date:
17-April-2019

MODEL	350 Realm
HULL #	USBWCE0032F819
ENGINE	Triple Mercury 400 Verado
HORSEPOWER	1200
GEAR RATIOS	1.75 : 1
PROP	16" x 18" Enertia Eco
FUEL CAPACITY	385 gal.
<i>Notable Options: Joystick piloting, Retractable sunshade, Premium audio, Active trim, 15" Electronics, 4KW radar</i>	

WEIGHT SUMMARY

DRY WEIGHT	16,869 lbs
FUEL	357 gal.
WATER	0 gal.
TEST GEAR	25 lbs
PERSONNEL	335 lbs
TEST WEIGHT	19,425 lbs
WATER CONDITIONS	78° F
WEATHER CONDITIONS	68° F

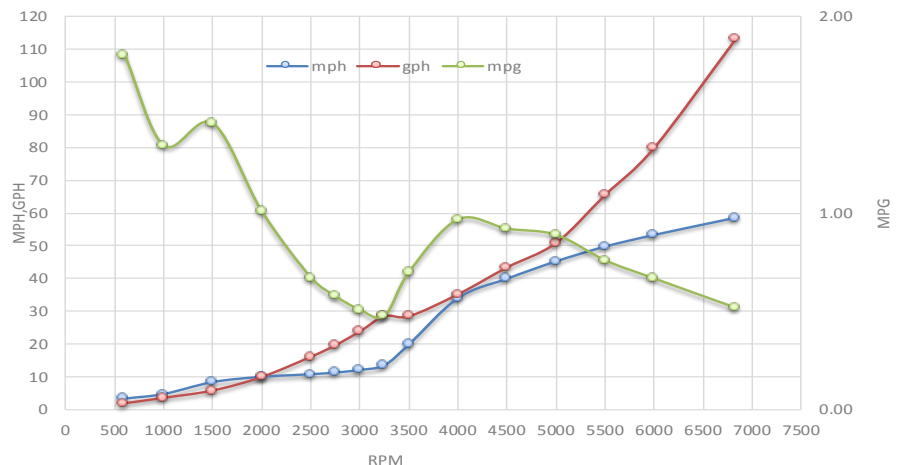


Speed

Fuel Consumption

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.4	2.9	1.9	1.81	1.57	626
	1000	4.8	4.1	3.5	1.34	1.17	466
	1500	8.4	7.3	5.8	1.46	1.26	504
	2000	10.0	8.7	9.9	1.01	0.87	349
	2500	10.8	9.4	16.1	0.67	0.58	233
	2750	11.3	9.8	19.6	0.58	0.50	200
	3000	12.1	10.5	23.9	0.51	0.44	176
	3250	13.6	11.8	28.5	0.48	0.41	165
	3500	19.9	17.3	28.5	0.70	0.61	242
	4000	34.1	29.6	35.2	0.97	0.84	335
	4500	40.0	34.7	43.4	0.92	0.80	319
	5000	45.3	39.3	51.0	0.89	0.77	308
	5500	49.8	43.2	65.6	0.76	0.66	263
	6000	53.3	46.3	80.1	0.67	0.58	231
WOT	6830	58.6	50.8	113.3	0.52	0.45	179

Acceleration: Time to plane 7.0 secs | Idle - 30 mph - 10.0 secs



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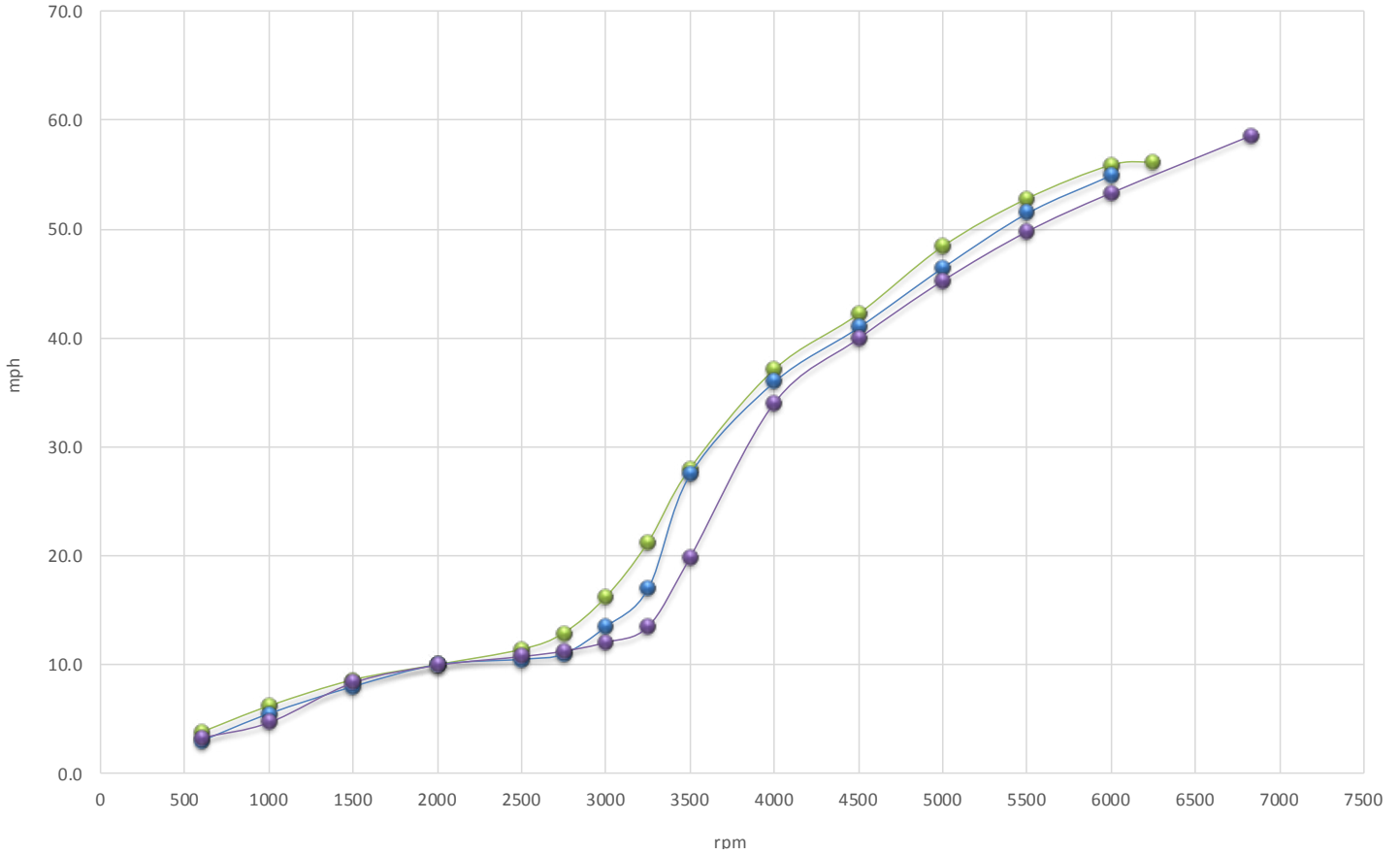




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350 Realm Engine Comparison Graph

● Triple Mercury 350 Verado ● Triple Mercury 300 V8 AMS ● Triple Mercury 400 Verado



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