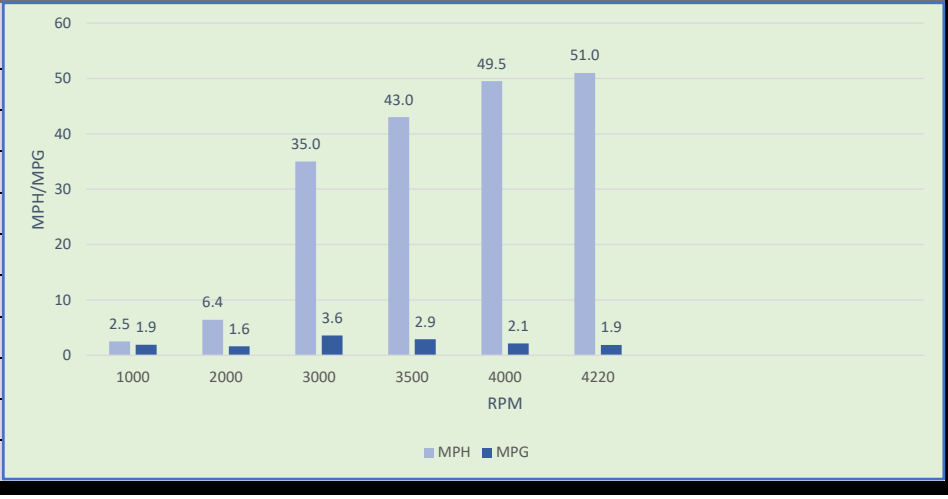
180 Predator *(6.2L KEM)* - Boat Performance Bulletin

Test Date	September 11, 2024
Test Location	North Saskatchewan River, AB
Air Temperature	11 °C
Wind Speed	2mph SE
Elevation	2,001 ft
Sea State	Calm
Load	Light

Performance Summary

Max Performance		*Cruise Performance*		*Acceleration 0 - 20mph*
51.0 mph	4220 rpm	35.0 mph	3000 rpm	4.7 seconds
27.1 gph	1.9 mpg	9.8 gph	3.6 mpg	*Acceleration 0 - 30mph* 6.5 seconds

Engine(s)		*Propeller / Impeller*		*Boat*	
Number of Engines	1	*Name*	American Turbine	*Boat Brand*	Coyote
Engine Type	Inboard Jet	*Material*	Stainless	*Boat Model*	180 Predator
Engine Make	KEM	*Pitch*	High Helix A	*Boat Type*	Aluminum Inboard Jet
Engine Model	6.2L DI	*Number of Blades*	n/a	*Boat Material*	Aluminum
Horsepower	407			*Length*	20'
Cylinders	8			*Beam*	89"
Drive Model / Type	American Turbine SD309			*Fuel Capacity (L)*	240
Gear Ratio	Direct Drive			*Stock Number*	11378

Performance

RPM Range	Speed (mph)	Fuel Consumption (gph)	Fuel Economy (mpg)	Range (miles)
1000	2.5	1.3	1.9	122
2000	6.4	3.9	1.6	104
3000	35.0	9.8	3.6	226
3500	43.0	14.8	2.9	184
4000	49.5	23.1	2.1	136
4220	51.0	27.1	1.9	119