

CALIFORNIA STATE SCIENCE FAIR 2017 PROJECT SUMMARY

Name(s)	Project Number
Jack Daffin	J0308
Project Title Nitromethane Engines	
Objectives/Coole Abstract	
The purpose of my project was to determine if the RPMs would nitromethane engine. Methods/Materials I used a household drill with an adapter to manually start a .21 m was used to ensure the drill was going clockwise, and the RPMs cause the engine motor to turn over. RPMs were measured at 3 s Results The data I collected indicated that the RPMs rose as more throttl RPMs; at half throttle the result was 13,046 RPMs; and at full th RPMs. These are the average results for each throttle setting. Conclusions/Discussion In conclusion, the results of the testing proved my hypothesis co engine increase when more fuel is added. My project demonstrat every day gasoline engines and how RPMs differed from each of	differ when more fuel is added to a itromethane engine. A glow plug igniter were measured when the drill would ettings: idle, half throttle and full throttle. e was given. The result in idle was 7,018 rottle the result was a high of 20,647 rrect in that the RPMs of a nitromethane tes how nitromethane engines differ from ther.
Summary Statement My project is about nitromethane engines based on the hypothes nitromethane engine the RPMs will increase.	is that when more fuel is added to a
Help Received None. I designed, built, and performed the experiments myself w	vith adult supervision.