

Australian Model Rocket Society Inc.

PO Box 1233, Browns Plains, QLD 4118

www.rocketry.org.au

ARBN 165 666 357

Southern Cross Rocketry
PO Box 84
Browns Plains, QLD 4118

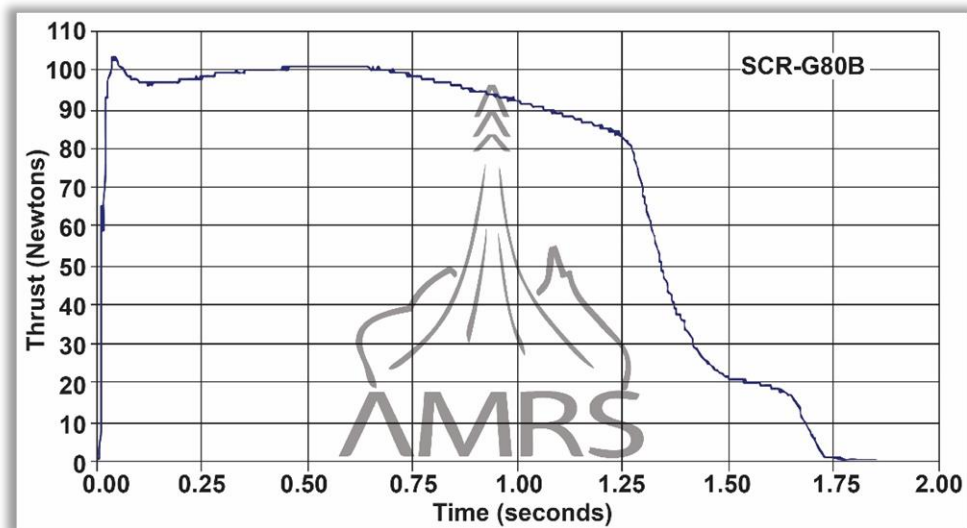
03/07/2017

RE: ROCKET MOTOR CERTIFICATION – SCR-G80B

Dear Mr Nikolic,

The Southern Cross Rocketry **SCR-G80B** rocket motor was tested on 22 June 2017 and is in compliance with the certification requirements and standards of the Australian Model Rocket Society Inc. (AMRS). The motor is hereby certified for hobby rocketry use.

Manufacturer	Southern Cross Rocketry	Test Date	22/06/2017
AMRS Designation	SCR-G80B	Loaded Weight	129.3 grams
Manufacture Designation	SCR-G80B	Propellant Weight	62.5 grams
Motor Type	Single Use	Burnout Weight	59.3 grams
Propellant Type	Nitro Blue	Total Impulse	136.7Ns
Casing Dimensions	29mm x 83mm	Maximum Thrust	108.5N
Delays Tested	14 (Adjustable)	Average Thrust	77.6N
Notes	70.1% G	Burn Time	1.70 seconds



Yours sincerely,

Dave Couzens
Chancellor
Australian Model Rocket Society Inc.