

Tom's Performance Machine & Repair Inc.  
6707 NE 117<sup>th</sup> Ave Bldg. C-101  
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(360)256-1722

**ENGINE SPEC SHEET**  
**JESSE NICOLA**  
**CHEVY 383**

<u>Bore Size</u> 4.030	<u>Cam</u> COMP CAMS 12-4668	<u>Cam Timing</u> 109 DEG. 2 DEG. RETARD
<u>Stroke</u> 3.750	<u>Exhaust lift</u> 565	<u>Centerline</u> 113 <u>Duration</u> 224
<u>Rod Length</u> 6.000	<u>Intake lift</u> 570	<u>Centerline</u> 113 <u>Duration</u> 218
<u>Cubic Inch</u> 383		<u>Rod Clearance</u> .0018
<u>Piston to wall clearance</u> .004		<u>Rod Side Clearance</u> .018
		<u>Valve to piston</u> EX. 226 IN. 233
<u>Oil ring pull</u> 22 lbs		<u>Valve lash</u> EX. HYD. IN. HYD.
<u>Piston ring end gap</u>		<u>Rocker Ratio</u> EX. 1.6 IN. 1.6
Top .020 2 <sup>nd</sup> .020 3 <sup>rd</sup> .014		<u>Push rod length</u> 7.200
<u>Main bearing clearance</u> .0022		<u>Cam end play</u> .005
<u>Crank end play</u> .004		<u>Cylinder heads</u> DART 056B 200 CC RUNNER 68CC
<u>Piston to deck clearance</u> -.002		<u>Valve size</u> EX. 1.600 IN. 2.020
<u>Carb</u> QFT VAC. SECONDARY		<u>Valve springs</u> 140/340
<u>Carb jetting</u>		<u>Final compression ratio</u> 10:6:1
<u>Head gaskets</u> FELPRO 1003		<u>Spark plugs</u> NGK FR5
<u>Intake gasket</u> FELPRO 1204		<u>Engine oil</u> 20W50 KENDALL TITANIUM
<u>Power valve</u> 6.5	<u>Squirters</u> 31	<u>Engine timings</u> 34 DEG. TOTAL