

These tests were done on 01/08/09. Suzuki Vitara single battery with 14.01v @ idle.  
 Atmospheric Conditions:- 66.8deg f., 29.99", 83.7%hum, 966' density altitude  
 40mm single row @ 12fpi. 56mm two row @ 12fpi.

	meters/second	cfm	m/s	cfm
<b>Zirgo 16"</b>			2.05	<b>555.4</b>
<b>PULLER</b>			6.42	<b>1739.4</b>
Advertized rating - 3000cfm			6.09	<b>1650.0</b>
<b>Average cfm through core</b>				<b>1314.9</b>
<b>Davies Craig 16" as PULLER</b>	3.13	<b>848.0</b>	2.44	<b>661.1</b>
	6.65	<b>1801.7</b>	5.45	<b>1476.6</b>
Advertised rating - 2210 cfm	6.62	<b>1793.6</b>	5.47	<b>1482.0</b>
<b>Average cfm through core</b>		<b>1481.1</b>		<b>1206.6</b>
<b>Davies Craig 16" as PUSHER</b>	2.61	<b>707.1</b>	2.44	<b>661.1</b>
	6.55	<b>1774.6</b>	5.73	<b>1552.5</b>
Advertized rating 2210 cfm	6.47	<b>1752.9</b>	5.57	<b>1509.1</b>
<b>Average cfm through core</b>		<b>1411.6</b>		<b>1240.88</b>
<b>Spal 16" Straight blade</b>	5.87	<b>1602.3</b>	4.76	<b>1299.3</b>
VA18-AP70/LL-86A - <b>PULLER</b>	8.18	<b>2232.9</b>	6.65	<b>1815.2</b>
Advertized rating -	7.36	<b>2009.0</b>	6.09	<b>1662.4</b>
<b>Average cfm through core</b>		<b>1948.1</b>		<b>1592.3</b>
<b>Spal 16" Straight blade</b>	5.35	<b>1460.4</b>	3.8	<b>1037.3</b>
VA18-AP70/LL-86S - <b>PUSHER</b>	8.76	<b>2391.2</b>	7.12	<b>1943.5</b>
Advertized rating -	6.38	<b>1741.5</b>	6.69	<b>1826.2</b>
<b>Average cfm through core</b>		<b>1864.4</b>		<b>1602.3</b>
<b>Old Spal 16" curved blade</b>	3.96	<b>1081.0</b>	3.64	<b>993.6</b>
No number - worn off	7.68	<b>2096.4</b>	5.87	<b>1602.3</b>
<b>PULLER</b>	5.66	<b>1545.0</b>	5.02	<b>1370.3</b>
<b>Average cfm through core</b>		<b>1574.1</b>		<b>1322.1</b>

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<b>Spal 16" Big blade</b>	<b>engine off</b>	<b>both 56mm core</b>	<b>engine running</b>	
	6.09	<b>1662.4</b>	7.08	<b>1932.6</b>
<b>PULLER</b>	7.38	<b>2014.5</b>	7.95	<b>2170.1</b>
Advertized rating - 3310cfm	5.27	<b>1438.5</b>	6.1	<b>1665.1</b>
<b>Average cfm through core</b>		<b>1705.1</b>		<b>1922.6</b>