

Atmospheric conditions :- 80.2deg.f, 29.93"bp, 57.1%hum., 2139' density altitude. 13.76 volts

Davies Craig 16"	56mm 2 row @17fpi		83mm 3 row @12fpi	
	m/s	cfm	m/s	cfm
	2.82	764.0	2.64	715.3
	5.03	1362.8	5.34	1446.8
	5.28	1430.5	5.05	1368.2
Average cfm flow through core		1185.8		1176.8
Spal 16" Extreme	3.53	963.6	3.7	1010.0
	6.52	1779.8	6.42	1752.5
	7.18	1959.9	7.28	1987.2
Average cfm flow through core		1567.7		1583.2
Spal 16" big blade	4.15	1132.8	4.18	1141.0
	7.68	2096.4	7.97	2175.6
	7.46	2036.3	8.11	2213.8
Average cfm flow through core		1755.2		1843.4
16" bb reversed wire polarity	0.08	21.8		
	2.78	758.9		
	3.56	971.8		
Average cfm flow through core		584.151		

All we did was reverse the terminal polarity & the cfm dropped from **1755.2** down to **584.15cfm**
a drop of **1171cfm** or a drop of **332%** in air flow !