

**49th Michigan SMALL Rally
Gwinn, August 2005**



SAMPLE OF AVERAGE FILED GROUND SPEEDS

The compilation of plane types and ground speeds has been prepared to assist the first time racer in determining an appropriate ground speed to file. Please remember these speeds are just an average of groundspeeds that have been used in the past, and the success of those flights is not represented. The Michigan SMALL Rally Committee does not recommend these speeds for any particular aircraft, because only you are able to determine the performance capability of your aircraft. Keep in mind that the par speed is to be in **nautical miles per hour**. Also, it is important to choose a speed that you can maintain safely with a headwind or tailwind.

<u>TYPE AIRCRAFT</u>	<u>KNOTS (KPH)</u>	<u>STATUE (MPH)</u>
Cessna 210	156	180
Beechcraft Bonanza (V35A)	130	150
Comanche PA24-260	130	150
Piper Arrow (PA28-200R)	104	120
Cessna 182	104	120
Cessna 180	104	120
Piper (PA28-180)	100	115
Piper Archer (PA28-181)	100	115
Cardinal C-177RG	100	115
Beechcraft Sundowner (BE/C23)	95	110
Cessna 172	89	102
Piper Warrior (PA28-161)	87	100
Piper (PA28-140)	83	95
Cessna 150	83	95
Cessna 120	78	90

*******Remember these are only average speeds used in past races *******