

**Scholes International Airport**  
**Airfield Pavement - Calculated PCN and Weight Ratings**

Pavement	PCN	S (lbs.)	20% Over Allowable	D (lbs.)	20% Over Allowable	2D (lbs.)	20% Over Allowable
<b>Runway 14/32</b>	34/R/C/W/T	90,000	112,500	115,000	143,750	192,000	240,000
<b>Runway 18/36</b>	27/R/C/W/T	74,000	92,500	92,000	115,000	162,000	202,500
<b>Taxiway A</b>	21/R/B/W/T	61,000	76,250	79,000	98,750	153,000	191,250
<b>Taxiway B</b>	22/R/B/W/T	63,000	78,750	81,000	101,250	158,000	197,500
<b>Taxiway C</b>	19/R/B/W/T	56,500	70,625	73,000	91,250	143,000	178,750
<b>Taxiway D</b>	175/F/B/W/T	120,000	150,000	250,000	312,500	550,000	687,500
<b>Taxiway E</b>	18/R/C/W/T	53,000	66,250	67,000	83,750	122,000	152,500
<b>Apron</b>	18/R/B/W/T	53,000	66,250	67,000	83,750	122,000	152,500

**S:** Single wheel loading

**D:** Dual wheel loading

**2D:** Dual tandem wheel loading

**PCN - Pavement Classification Number system to determine pavement strength**

**1. Numerical PCN Value**

**2. Pavement Type**

R - Rigid pavement type (concrete)

F - Flexible pavement type (asphalt)

**3. Subgrade Category (A, B, C, or D)**

A - highest strength

D - lowest strength

**4. Allowable Tire Pressure (W, X, Y, or Z)**

W - High, no pressure limit

X - Medium, pressure limited to 218 psi

Y - Low, pressure limited to 145 psi

Z - Very Low, pressure limited to 73 psi

**5. Calculation Method (A or T)**

A - Using aircraft traffic mix

T - Technical calculation - best