Table 18.(a-c) Shear Modulus according to several test definitions for Type VI- 100 kips (444 kN)

Left Bearing Pad						
Shear Modulus Definition	**Direction**	**stress** (psi)	**stress** (MPa)	**G** (psi)	**G** (MPa)	**$G/G_{(0/+50)}$**
0/+.50	One way	88.14	0.6079	176.28	1.2159	1
+/- 50 secant	Two way	88.14/-59.09	.6079/-.4076	147.23	1.0155	0.835
+/- .25 tangent (top line)	Two way	62.06/-6.67	.4281/-.0460	137.46	0.9481	0.780
+/- .25 tangent (bottom line)	Two way	8.02/-39.53	.0553/-.2727	95.10	0.6560	0.539

Right Bearing Pad						
Shear Modulus Definition	**Direction**	**stress** (psi)	**stress** (MPa)	**G** (psi)	**G** (MPa)	**$G/G_{(0/+50)}$**
0/+.50	One way	-	-	-	-	-
+/- 50 secant	Two way	-	-	-	-	-
+/- .25 tangent (top line)	Two way	64.62/-6.67	.4457/-0.0460	142.58	0.9834	-
+/- .25 tangent (bottom line)	Two way	.248/-49.8	.0017/-.3435	100.10	0.6904	-

Shear Modulus Definition	**$G_{average}$** (psi)	**$G_{average}$** (MPA)
0/+.50	176.28	1.2159
+/- 50 secant	147.23	1.0155
+/- .25 tangent (top line)	140.02	0.9658
+/- .25 tangent (bottom line)	97.60	0.6732

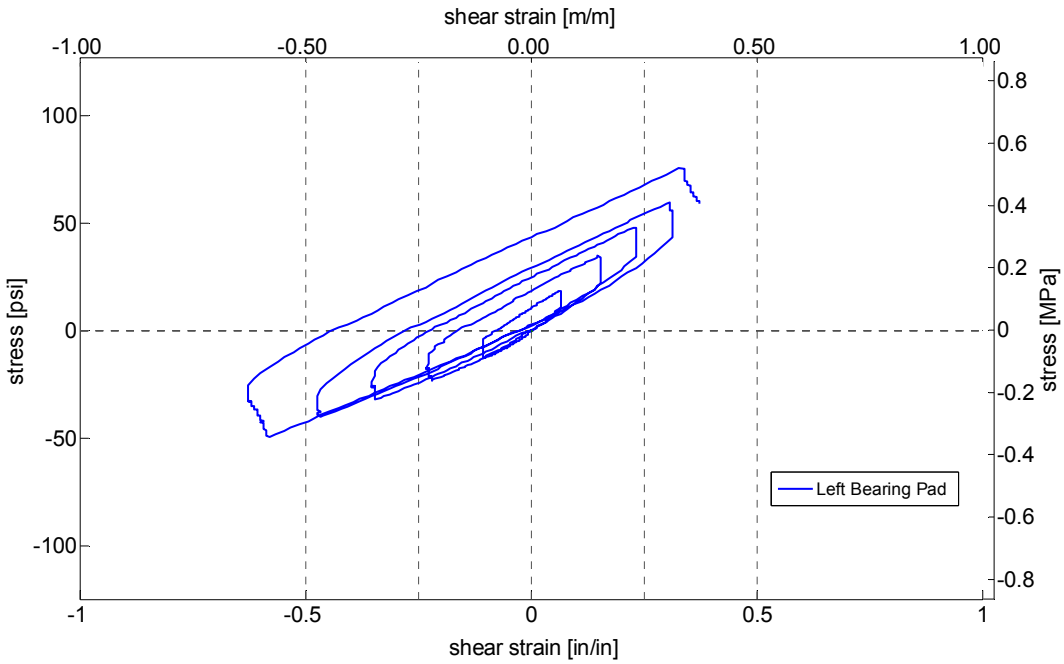

Figure 35. Stress vs. shear strain relationship for Type VI- 150 kips (667 kN)