Peyton B. Gregory
PBG Engineering
4487 Lauderdale ave
Virginia Beach, VA 23455
pbgregory@cox.net
757-460-5291
757-705-7068 cell

Experience

1983-2017: Structural/Mechanical engineer for NASA Langley Research Center (LaRC). Provided design and analysis for various research systems including wind tunnels, flight simulators and ground support equipment. Extensive use of Finite Element software including EAL(Engineering Analysis Language), Patran/MSC Nastran, FEMAP/NEi Nastran, Pro-Engineer Mechanica and Creo Simulate. Proficient in the use of various design codes including AISC Steel Construction Manual, ASME B&PVC Section VIII, Div 1, Div 2, and Div 3, and various other LaRC design manuals.

2000-Present: Owner PBG Engineering. Provided design, analysis and drawings for multiple high pressure systems (3000psi +), DDAM analysis for ship board systems, and various other structural/ mechanical projects. Currently use the following software.

Adobe PDF: documentation
Mathcad Prime: numerical analysis
Creo Parametric: solid model design and drafting
Creo Simulate: solid model analysis
FEMAP/NEi Nastran: Finite Element analysis

Education

June 1979	Associate of Science in Business Administration, Allan Hancock College (QPA - 3.44)	
Aug. 1982	Bachelor of Science in Civil Engineering, Old Dominion University (Cum Laude)	
Dec. 1985	Master of Engineering, Old Dominion University (QPA - 3.89)	
Professional Engineering License (PE)		1/23/93