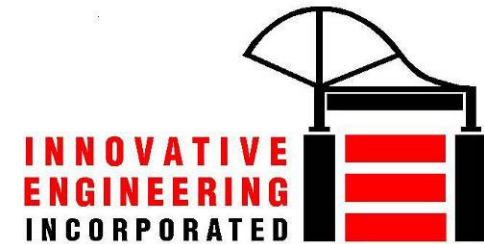


## ROBINS AIR FORCE BASE – RENOVATION HANGAR'S 82 & 83

For More Information Contact  
Innovative Engineering Inc.  
770-517-5507 Ext. 202



### *Accommodating Maintenance of C-17 Aircraft*

In addition to providing super-structure modifications to accommodate a taller opening with new hangar doors, Innovative Engineering Inc. (IEI) provided a state-of-the-art design for the new slab-on-grade which replaced the existing pavement. The new slab-on-grade utilized a state-of-the-art concrete mix design with well graded aggregate which allowed an elevated water-cement ratio to promote workability and a steel trowel finish in accordance with Face Floor Profile Numbers.

Additionally a state-of-the-art vapor barrier with increased tear and puncture resistance as well as load transfer devices was used, which accommodates dowel misalignment and slab shrinkage at the control-construction-and isolation joints.

