
C-5 Galaxy Aircraft Hangars Wright-Patterson Air Force Base Dayton, Ohio

Project Description

Pro Geotech, Inc. (PGI) provided geotechnical engineering services for foundation and pavement design purposes as part of the overall design effort for two C-5 Galaxy aircraft hangars at Wright Patterson Air Force Base. The hangars are approximately 60,000 and 70,000 square feet each. The maximum column loading was approximately 400 kips. PGI performed a geotechnical investigation that included advancing 15 structural test borings for foundation design and an additional six pavement test borings for design of concrete aircraft apron and asphalt pavement for parking and roadway pavement. The total footage drilled for this project was 780 lineal feet. The test borings were advanced in the vicinity of the preexisting C-141 aircraft hangars and pavement, both of which were demolished for the new C-5 hangars.

Client:

Barge Waggoner Sumner &
Cannon, Inc.
8280 Yankee Street
Dayton, Oh. 45458

Contact:

Mr. Ted Persing, P.E.
(937) 438-0378

Performance Period:

January 2004 – June 2004

Project Costs:

\$41,462

PGI's Role:

Geotechnical Exploration

