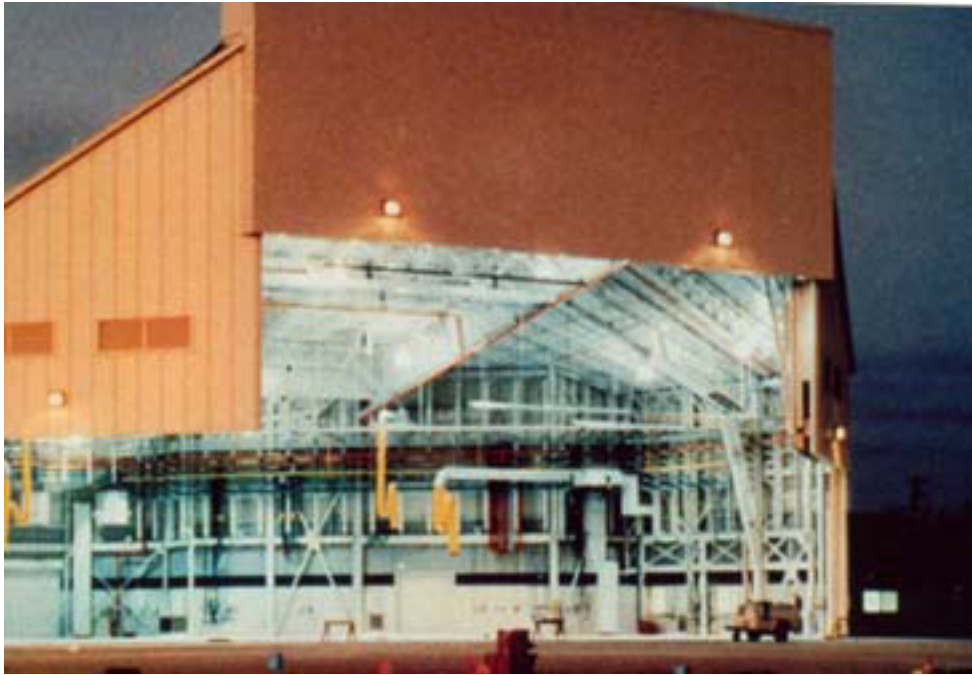


Mississippi Air National Guard Hangar Meridian, Mississippi



Description: New construction of a large hangar at Key Field and Air National Guard Field with design uplift forces (from wind loads) of 420 kips per footing.

Soil Conditions: 3 to 6 feet of well-compacted, well-graded sand fill (SW) overlying loose clayey sand (SC).

Design Details: Traditional foundation anchors presented difficulty in locating the anchor shafts within specified tolerances, difficulty in performance of full-scale load tests and the risk of cost overruns. *Geopier*® uplift anchors provided positive solutions to these problems and were selected for use on the project. Sixty-four *Geopier* uplift anchors were installed in less than one week, including the time required for the uplift test.

Geopier Licensee: Intermediate Foundations, Inc.

General Contractor: Tilly Constructors, Inc.

Owner: Mississippi Air National Guard