



## COMPASS CALIBRATION PAD INSTALLATION



### FUNDING

AIP 024-2018 (Design)  
AIP 025-2019 (Construction)

### DESIGN

WK Dickson

### CONSTRUCTION

Pace Pavement Technologies

### SCOPE

The aircraft magnetic compass should be checked following pertinent aircraft modifications and on a frequent, routine schedule. One method of calibrating the compass is to use a compass calibration pad (CCP) to align the aircraft on known magnetic headings and make adjustments to the compass and/or placard markings to indicate the required corrections. A CCP was installed in August 2019 on the Southeast (SE) quadrant of the aircraft parking apron. The project required not only extensive and exacting ground survey for the layout of the pavement marking, but also a subsurface survey to identify any below-grade magnetic anomalies that would disrupt the accuracy of the calibration process.

The project design was performed according to FAA Advisory Circular (AC) 150/5300-13A, Appendix 6. The CCP can be used by pilots as well as aircraft maintenance technicians.

