

The equipment described in Form 442 File Number 0931-EX-CN-2021 is a mobile radiolocation radar system funded by the National Science Foundation, award no. 1532140. This system will be used for atmospheric research to increase knowledge of severe weather, resulting in better warnings to alert the public of hazardous conditions. The purpose of this award is to conduct field campaigns across the country. In order to facilitate atmospheric research in all conditions, and to fulfill the purpose of the award, the University of Oklahoma is requesting a large operating region for this truck-mounted system.