



Type of Operation

Testing being conducted is by Leonardo DRS – Land Systems, in partnership with other DRS business units, including DRS RADA from Germantown, MD. Testing exercise is to perform integration and evaluation of a complete Counter Unmanned Aircraft System (C-UAS) platform. The sensor suite will integrate either the RPS-42 (MHR) or the RPS-620 (aCHR) radar system to detect and track test drones being flown over the test area. The radar detections and tracks are managed by the integrated software to cue and interact with other sensors installed on the platform.

The intention is to evaluate the radar performance and establish data hand-off between the radar and other sensors. The radar is a ground-based radar system designed to detect and track targets (small drones) at a range up to 10km. It will be mounted on an unmanned robotic platform.

Initial testing is scheduled for 08/31/2026 through 10/01/2026, with the potential for future events through December 2026.

Operating Location

The radar will be operated from a test range, Dark Horse Ranch in New Mexico. The radar will be configured to track small UAS targets up to 10km from the test range. Please refer to images below for location of the test range.

Address of the test range is:
36°21'05.3"N 106°00'02.4"W
Ojo Caliente, New Mexico

Requested STA Dates:

August 24, 2026 – December 25, 2026



Figure 1: Test Range Layout

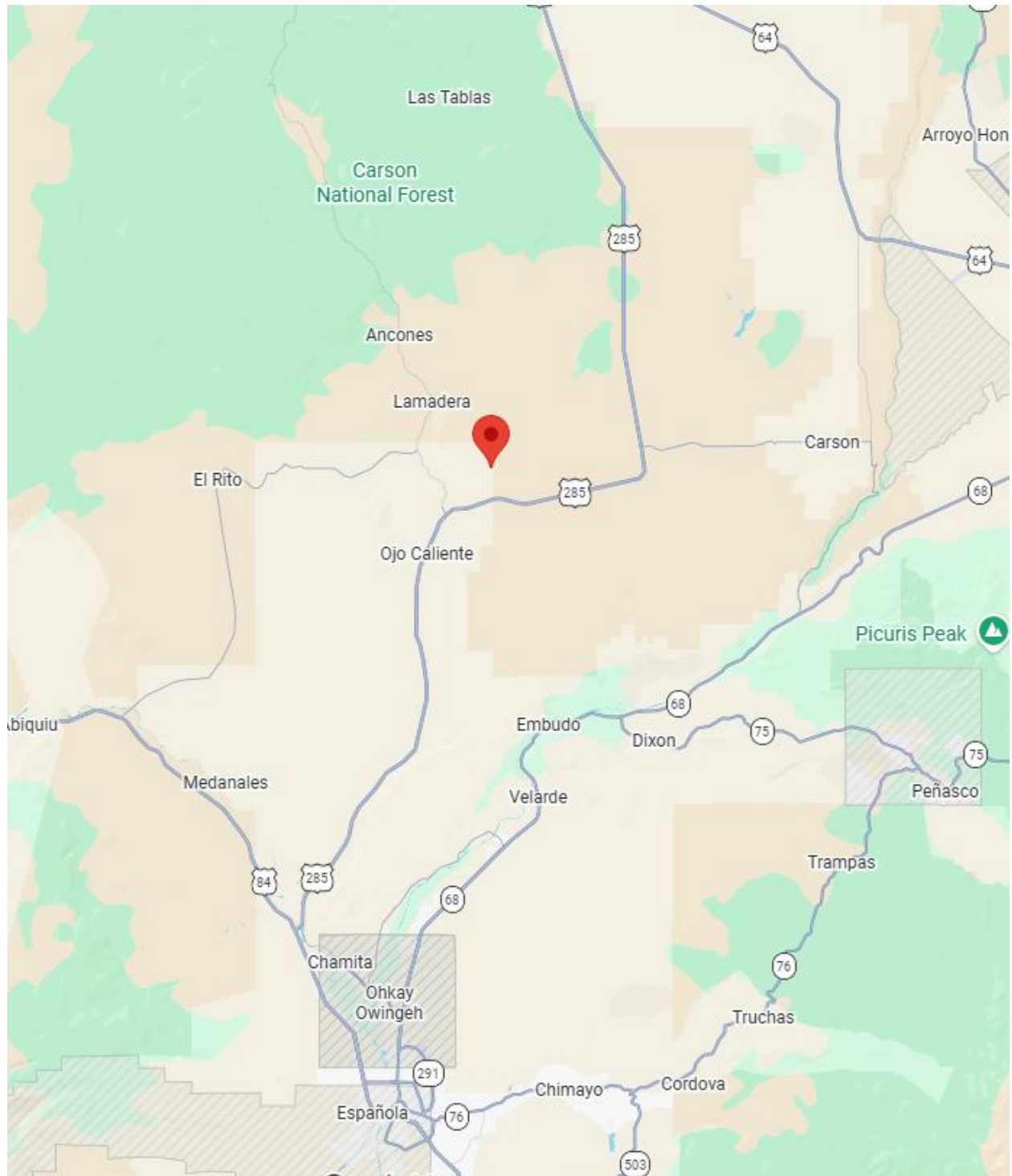


Figure 2: Test Range Location