

Form 422 Question 4 – Government Project Description

The Department of the Navy, Naval Air Warfare Center Aircraft Division (NAWCAD) code 4.5.8 has requested Sierra Nevada Corporation (SNC) under contract N00421-05-G-0002 to design and develop a replacement for the R-2259A/SPN-46 (V) Receiver as part of the Life Cycle Extension (LCE) program.

The Receiver is part of the AN/SPN-46 (V) Automatic Carrier Landing System (ACLS). The ACLS system is an all-weather automatic landing system used onboard Carrier Vessel Nuclear (CVN) class ships to land hi performance fighter aircraft.

In order to properly develop and evaluate this receiver, it is necessary to utilize a SPN-46 Interrogator and Transponder at the development facility test range.