

#### 4.2.2. Test Sites

- Identify the specific test ranges/facilities and schedule to be used for each type of testing.
- Compare the requirements for test ranges/facilities dictated by the scope and content of planned testing with existing and programmed test range/facility capability.
- Summarize the results of a cost benefit analysis (CBA) in those cases where government test facilities are not used.
- Test Facilities may include the following and other test venues:
  - Digital Modeling and Simulation Facility (DMSF).
  - Measurement Facility (MF).
  - System Integration Laboratory (SIL).
  - Hardware-in-the-Loop (HWIL) Facility.
  - Installed System Test Facility (ISTF).
  - Open Air Ranges (OAR).
  - Cyber Ranges.
  - Distributed Live, Virtual, and Constructive (DLVC) Environments.

#### 4.2.3. Test Instrumentation

- Identify instrumentation that must be acquired or built specifically to conduct the planned test program
  - [Test Instrumentation Guidance and Examples](#)
- Identify the specific data classes that the instrumentation will capture and relate it to the DEFM.
- Identify any special tools or software that analysts or evaluators will need to read the data from the instrumentation.

#### 4.2.4. Test Support Equipment

- Identify test support equipment and schedule specifically required to conduct the test program. Anticipate all test locations that will require some form of test support equipment.
- This may include test measurement and diagnostic equipment, calibration equipment, frequency monitoring devices, software test drivers, emulators, or other test support devices that are not included under the instrumentation requirements.
- Identify special resources needed for data analysis and evaluation.