

**NOISE SUPPRESSOR SYSTEM ("HUSH HOUSE") AND/OR TEST STAND PAD.
FAC: 2118**

CATCODE: 211193

OPR: AFLCMC/WN-SEV

OCR: NA

Updated 10 Apr 2023

1.1. **Description.** This facility consists of the reinforced concrete foundation required to support the technical equipment that is designed to test the effectiveness of jet engines. This facility supports the jet inspection and maintenance shop (CATCode 211157).

1.2. **Requirements Determination.** Test and/or hush house stands are authorized by an applicable Table of Allowance (TA). Hush houses and test stands, where approved, are government furnished equipment. WR-ALC/579 CBSS is designated inventory manager and is responsible for equipment programming and procurement and for establishing criteria used in programming and constructing support items in the military construction program.

1.3. **Scope Determination.** Space requirements depend on the type of aircraft or engine to be tested. Construction includes modifying an existing aircraft parking apron, utility support, installing technical equipment, and a test stand and/or hush house. Installed equipment remains equipment; it is not real property. (**NOTE:** Hush House sound suppressers are equipment items associated with **CATCode 116665.**)

1.4. **Dimensions.** The parameters of **CATCode 211111** Table 1.1 apply. If the test stand is farther than 910 m (3,000 ft) from the shop and tests more than 25 engines each month, a ready room of 74 m² (800 ft²) may be programmed. In the ready room, engines are prepared for the test stand, thus allowing more engines to be tested on the stand in a short time.

1.5. **Design Considerations.** Test stands and/or hush house require utility support and foundations. Foundation design should consider the vibrations encountered in this type of facility. Ensure siting considers the impact of high noise levels and resonant harmonics on adjacent facilities. See the *Hush House Site Planning Bulletin* for further guidance.