

## **Base Photo Laboratory. FAC: 1441**

CATCODE: 141743

OPR: AF/A30-A

OCR: N/A

**1.1. Description.** The photo laboratory provides photography and other visual services to support management, information, and operational functions of base organizations, including tenants.

**1.2. Requirements Determination.** Work performed in the laboratory includes still photography and processing in color and black-and-white film, still-film printing in black and white, and production of slides, viewgraphs, photostats, and diazos. A laboratory supporting an upper-echelon headquarters may provide additional services such as still-film printing in color. A laboratory supporting an armament-recording function processes and prints 70 mm strike photograph film and processes motion picture gun-camera film. The laboratory does not perform photographic tasks that are the responsibility of reconnaissance laboratories, special mission laboratories, or the Audiovisual Facility **CATCODE 141383**.

### **1.3. Scope Determination.**

1.3.1. Three sizes of laboratories are designated: Type A for ten to 19 personnel, Type B for five to nine personnel, and Type C for one to four personnel. **Table 1.1** shows the space requirements for each type.

1.3.2. The laboratory may be combined with **CATCODE 141383** to create an audiovisual services center.

1.3.3. A graphic arts shop may be combined with a base photo laboratory if the shop cannot be incorporated in **CATCODE 141383**. Combining the graphic arts shop with the laboratory reduces the graphic arts space requirements by at least 15 percent by consolidating support space. Graphic arts shop space in a photo laboratory is identified under **CATCODE 141383**.

**1.4. Dimensions.** See **Table 1.1** below.

### **1.5. Design Considerations.**

1.5.1. Silver recovery equipment or apparatus should be included as an equipment item in the process operation to meet CWA requirements. If it is not included, provide collection and recovery facilities as an initial stage to any collection, treatment, and disposal (of silver) process.

1.5.2. Ensure all photo laboratory facilities control potential water, air, and hazardous waste pollutants generated by photographic processing and film destruction. If redesigning or modifying the process is not possible, provide adequate collection, treatment, and disposal facilities as integral components of the photo laboratory to meet compliance requirements contained in all applicable federal, state, and local environmental laws, and other guidance as defined in paragraphs 1.2 and 1.3. If hazardous chemicals are used, an approved eye wash and emergency shower may be required. Contact installation ground safety for assistance.

1.5.3. A review by the base fire marshal is necessary to determine if special fire protection is needed due to the chemicals and other potentially flammable materials used during processing.

**Table 1.1. Photo Laboratory Space Requirements.**

Function	Gross Area					
	Type A		Type B		Type C	
	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>
Base Photo Laboratory (CATCODE 141743)	437	4,700	276	2,975	183	1,975
Armament recording additive	28	+300	28	+300	28	+300
For MAJCOM, Center, or Numbered Air Force (NAF)	46	+500	46	+500	46	+500
Reconnaissance Photo Lab (CATCODE 141745)						
Group or Command					6,500	70,000
Strategic Reconnaissance Sq (Wing Level)					7,430	80,000
Strategic Reconnaissance Sq (HQ or NAF)					5,570	60,000