

Data Processing Installation. FAC: 6104

CATCODE: 610711

OPR: AF/A4LE

OCR: AFNIC

1.1. **Description.** The data processing installation (DPI) accommodates base-level automated data processing equipment (ADPE) and the related operational and support functions. The ADPE is used at base level for two programs:

1.1.1. Standard Base Supply System (SBSS); and

1.1.2. Base Level Data Automation Standardization Program (BLDASP), which supports base personnel, finance and accounting, civil engineering, aircraft maintenance, and other base activities.

1.2. **Requirements Determination.** Analyze facility population and provide justification for all spaces.

1.3. **Scope Determination.** See **FC-6 CG-61 Admin Overview paragraph 1.1** and below.

1.3.1. An 808 m² (8,700 ft²) DPI is needed at the following bases to support additional automated data processing programs: Andrews, Davis-Monthan (ACC mission), Eglin, Elmendorf, Nellis, Randolph, and Travis. Space requirements for parts of the center supporting SBSS and BLDASP operations are determined under guidance in preceding paragraphs. Facility requirements at two AFMC installations (separate from the six described above) consist of the basic requirement plus additional requirements to support the Aerospace Guidance and Metrology Center at Newark AFB and the Military Aircraft Storage and Disposition Center (MASDC) at Davis-Monthan AFB. Space requirements are determined by AFMC under the guidance provided for Logistical Systems Operations Centers. Base level programs supported by MASDC include only SBSS - not BLDASP.

1.3.2. DPIs at selected ACC bases require an additional 28 m² (300 ft²) in the field engineer office (normally 21 m² [225 ft²]) to accommodate a "blue suit" maintenance function.

1.3.3. DPIs serving the base supply complex require additional space for one of two possible configurations for remote processing stations: RPS-1, 17 m² (185 ft²); RPS-2, 28 m² (300 ft²) for the equipment plus 8 m² (80 ft²) for storage.

1.3.4. Information on component areas of the four standard DPIs appear in notes of **Table 1.1**.

1.3.4.1. **Remote Job Entry Terminal System (RJETS).** RJETS are located at small active installations under the jurisdiction of the Air Force, the Air Force Reserve, and the Air National Guard. A RJETS system communicates with host Air Force RPS II at the computer support base. The RPS II is usually located in DPIs (**CATCODE 610711**). Space requirements for RJETS equipment and operations vary according to equipment configuration type. See **Table 1.3**.

1.3.5. Facility requirements at designated AFMC installations (Wright-Patterson AFB and all Air Logistics Centers) consist of the basic requirement described above plus additional requirements associated with Logistical Systems Operations Centers.

1.3.5.1. The center provides automated data processing support for most of AFMC's operating directorates and for interactions with systems managed by DoD, DLA, and other Air Force agencies. ADPE titles supported (besides SBSS and BLDASP) include Air Force Wholesale Logistics System, Maintenance Analysis and Structural Integrity Information Systems, Automatic Test Equipment and Numerical Control, and other titles.

1.4. **Dimensions.** See [Table 1.1](#) and [1.2](#).

1.5. **Design Considerations.** Features of the DPI are a raised computer room floor, vapor barriers, special air-conditioning, telecommunications, electrical, security control systems, and, usually, an intrusion alarm system. The make/model and quantity of ADPE and size of the staff varies from center to center and, thus, project space requirements are individually determined by AFMC.

Table 1.1. Data Processing Installation Component Areas Allowance.

Main Components (Important Sub-components)	SBSS		BLDASP		Consolidated		Large Consolidated	
	m ²	ft ²	m ²	ft ²	m ²	ft ²	m ²	ft ²
Offices	Office Type (see FC-6 CG-61 Admin Overview Table 1.2 and 1.2.1)		Office Type (see FC-6 CG-61 Admin Overview Table 1.2 and 1.2.1)		Office Type (see FC-6 CG-61 Admin Overview Table 1.2 and 1.2.1)		Office Type (see FC-6 CG-61 Admin Overview Table 1.2 and 1.2.1)	
Office/Admin Support	36.2	390	118.9	1,280	144.9	1,560	144.9	1,560
Administration	-	-	46.5	500	46.5	500	46.5	500
Systems Monitor	11.1	120	47.4	510	59.5	640	59.5	640
Special Purpose Spaces	m²	ft²	m²	ft²	m²	ft²	m²	ft²
Computer room	104.5	1,125	116.1	1,250	185.8	2,000	232.2	2,500
Tape library	7.9	85	27.8	300	27.8	300	27.8	300
Telecommunications	16.7	180	16.7	180	22.3	240	22.3	240
Field Engineer	20.9	225	20.9	225	27.9	300	27.9	300
Customer Service	User justified							
Production Control	User justified							
Supply/Storage	User justified							
Break Room	User justified							
Training Room	User justified							
Building Utility Support	118.8	1,275	170.5	1,835	201.1	2,165	201.1	2,165
NOTES:								
1. The listed sub-components are environmentally controlled space.								

Table 1.2. Authorized Spaces for Data Processing.

Offices	Office Type (see FC-6 CG-61 Admin Overview Table 1.2 and 1.2.1)	
Director of Computer Operations	C	
Deputy, Flight Chiefs	D	
All others	F-H	
Special Purpose Spaces	m²	ft²
Computer, Telecommunications	380.1 to 2,973	4,100 to 32,000
SBSS and BLDASP operations	User justified	
Conference/Training Room	See FC-6 CG-61 Admin Overview Table 1.4	

Table 1.3. Authorized Spaces for Job Entry Terminal System (RJETS).

Offices	Office Type (see FC-6 CG-61 Admin Overview Table 1.2.1)	
RJETS Chief's office	E	
All others	F-H	
Special Purpose Spaces	m²	ft²
Service engineer and operator files and desks and all equipment configurations	16.7	180
RJETS equipment	37.2	400
Punch card equipment input/output area	4.6	50