

U.S. Department
of Transportation

United States
Coast Guard



COMDTINST M11012.9

**Shore Facilities
Standards Manual (SFSM)**
Volume 1 Individual Space Standards



COMDTNOTE 11012
07/09/96

COMMANDANT NOTICE 11012

CANCELLED: JUL 8 1997

Subj: CH-1 TO COMDTINST M11012.9, SHORE FACILITIES STANDARDS MANUAL

1. PURPOSE. This Notice establishes the Shore Facilities Standards Manual as a three volume set: Volume 1-Individual Space Standards; Volume 2-Reusable Design Programs; Volume 3-Reusable Floor Plans.
2. ACTION. Area and district commanders, commanders maintenance and logistic commands, commanding officers of Headquarters units, Commandant (G-A, G-H, G-L, G-M, G-O, G-S, and G-W) and special staff offices at Headquarters shall ensure compliance with the provisions of this directive.
3. PROCEDURE. Volume 1-Individual Space Standards CH-1, is provided. Remove and insert the following pages:

Remove

Insert

Old Volume 1 Cover/Spine
Old Volume 1 Title Page
Old Volume 1 Contents
Old Volume 1 Introduction

New Volume 2-Reusable Design Programs Cover/Spine CH-1
New Volume 2-Reusable Design Programs Title Page CH-1
New Volume 2 Tabbed Contents page and Table of Contents CH-1
New Volume 2 Tabbed Introduction page and Introduction CH-1

DISTRIBUTION - SDL No. 134

	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
A																										
B		8	*3		2	2		2	1		1	2	2	2				2			1					
C	1	1		1		20	5				1															
D																										
E																										
F																										
G																										
H																										

NON-STANDARD DISTRIBUTION: *B:c MLCs (8 extra)

9 JUL 1996

Remove

Old Volume 2 Cover/Spine

Old Volume 2 Title Page

Old Volume 2 Contents

Old Volume 2 Introduction

Insert

New Volume 3-Reusable Floor
Plans Cover/Spine CH-1

New Volume 3-Reusable Floor
Plans Title Page CH-1

New Volume 3 Contents Tabbed
page and Table of Contents CH-1

New Volume 3 Introduction Tabbed
page and Introduction CH-1

4. DIRECTIVES AFFECTED. COMDTINST M11012.7 Space Component Standards Manual is canceled. The Space Standards are in Volume 1 of the new three volume Shore Facilities Standards Manual.

E.J. BARRETT
Chief of Systems



COMDTINST M11012.9
09/20/91

COMMANDANT INSTRUCTION M11012.9

Subj: SHORE FACILITIES STANDARDS MANUAL

1. PURPOSE. This instruction establishes the Shore Facilities Standards Manual for Coast Guard shore facilities. The Shore Facility Standards Manual provides a method to effectively focus the options of shore facility planners and designers, and to reduce the time and resources spent on project documentation and review, by establishing pre-approved standards for typical shore facilities.
2. DIRECTIVES AFFECTED. COMDTINST M11012.3 Space Multi-Mission Station Design Guide is canceled.
3. BACKGROUND:
 - a. The shore facility planning process is an orderly program of action starting with the identification of a need and ultimately resulting on a building or facility to meet that need. Significant advantages can be gained by the reuse of well thought out and uniform planning criteria for similar facility types.
 - b. VOLUME 1 includes Standard Reusable Design Programs for facilities which are similar in nature, but which have enough unique operational requirements that make the development of fixed reusable floor plans impractical. Typical programs consist of: (1) a Space List of required spaces and their sizes, (2) Design Criteria for each of the (cont'd) functional spaces identifying basic, and any special design requirements for the space; and (3) Spatial Relationship Diagrams that indicate the desired interrelationships between spaces. The Standard Reusable Design Programs shall be used by project

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A																										
B		1	2		2	1		1				1	1	1			1	1								
C						10					*															
D																										
E						2																				
F																										
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20 SEP 1991

planners and programmers in Planning Proposals and Project Proposal Reports (PART-A) as part of the supporting documentation for a specific project.

- c. VOLUME 2 includes Standard Reusable Floor Plans for facilities with similar operational requirements, which only differ in their site constraints from one location to another. These Standard Reusable Floor Plans are to be used as designed, without change, by project planners and programmers in Planning Proposals and Project Proposal Reports (PART-A), and by designers in Project Proposal Reports (PART-B) as part of the supporting documentation for a specific project. These Standard Reusable Floor Plans shall also be used as final architectural floor plans in the development of contract documents. Where site, or other constraints dictate no standard plan will render a reasonable solution, then some modification of a standard plan will be acceptable and necessary for a successful design solution.

4. DISCUSSION:

- a. This instruction promulgates both VOLUME 1 and VOLUME 2 of the Shore Facility Standards Manual, although Volume 1 currently only contains a sample Standard Reusable Design Program to serve as an example of how the programs will be structured. This sample program (for air stations) is not intended to serve as the definitive standard.
- b. VOLUME 2 contains Standard Reusable Floor Plans for four Multi-Mission Station types. These include a Seasonal Station, a Common Station, a Common Station w/Large Shops, and a Common w/Group. There are ten(10) floor plans of the four station types, one Seasonal, four Common, three Common w/Large Shops, and two Common w/Group. A metric version floor plan for a Common Station with detached shops is also included. The ten (10) floor plans and the metric plan were drawn using AutoCAD as the Civil Engineering standard CAD format. Hard copy drawings with a facility space list for each will be distributed to Headquarters, area offices, district planning offices, and Headquarters unit facility engineering offices. The Maintenance and Logistics Commands, Facility Design and Construction Centers, and the Civil Engineering Units will receive, in addition to the above, the Font software package used on the drawings and all future reusable floor plan drawings, eleven 5 ¼" HD floppy disks containing 18 drawing sheets and hard copy CAD drawing ledgers for them.

- c. Reusable Design Programs and additional Reusable Floor Plans will be incorporated by changes to this instruction.
5. ACTION. Area and district commanders, commanding officers of Headquarters units, commanders maintenance and logistic commands, commanding officers facility design and construction centers, commanding officers civil engineering units, unit commanding officers, chiefs of offices, and special staff divisions shall ensure adherence with the provisions of this instruction.

P. A. BUNCH
Chief, Office of Engineering,
Logistics and Development

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INTRODUCTION

A. The Shore Facilities Standards Manual. The Shore Facilities Standards Manual provides Individual Space Standards in Volume 1, establishes Reusable Design Programs in Volume 2 and Reusable Floor Plans in Volume 3 for Coast Guard shore facilities. Individual Space Standards consists of criteria found previously in the Space Component Standards Manual thus providing the Civil Engineering community a single design criteria document, the Shore Facility Standards Manual. The intent of Reusable Design Programs and Reusable Floor Plans is to focus the options of planners and designers on pre-approved standard shore facility design solutions. Such standard design solutions take advantage of decisions, compromises and conclusions researched in previous design efforts, Coast Guard wide, with the result being the optimal facility solution for the designated operational need. These standard shore facility solutions will be constantly evaluated to determine their adequacy in meeting program needs through the Post Occupancy Evaluation process conducted by the Office of Civil Engineering at headquarters.

The manual is organized according to the design process, from space standard to program and from program to floor plan. However, the practical methodology for using the manual should be in reverse. The user of this manual should first check to see if any of the developed 35% floor plans will work for their proposed project. If no fit is found, then check the design programs to see if any fit the proposed project. If your needs are not solved by the Reusable Floor Plans or the Reusable Design Programs, then the size of spaces for your project will be found in the Individual Space Standards.

1. Volume 1 - Individual Space Standards. The Individual Space Standards provide approved space criteria and shall be used in developing project documentation for all Coast Guard shore facilities. The most common Coast Guard shore facilities are listed as twenty building types in the Space Components Matrix. These standards identify ten general space components which in various combinations are found in all twenty building types. Each space component contains Individual Space Sizes in which individual spaces are sized to fit a specific function. Since not all space components will be found in any one specific building type, a Space Components Matrix is included to identify the applicable components for each building type. The Standards also provide Net to Gross Multipliers normally found in various building types. By combining the Individual Space Sizes and factoring the total by the proper Net to Gross Multiplier(s) and adjustment factors, the gross space requirement can be derived for any facility.

The Individual Space Standards are a tool for the project planner in sizing a facility. The planner must first analyze and justify the need to accommodate a particular function and then select the component space(s) that most economically satisfy that need. While this manual is the basic criteria document, it is not intended to provide all of the information required for successful preparation for project designs. Supplementary information such as geographical and geological constraints and/or opportunities of the site may be required from other sources to describe the exact space requirements of the particular project.

While the UPH Design Guide, COMDTINST M11012.6, will remain in effect, the Individual Space Standards will take precedence if a conflict in space size occurs. The Individual Space Standards are to be used for all shore facility documentation with the exception of Family Housing which is covered in the Civil Engineering Manual, COMDTINST M11000.11. As architectural programs are

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published in Volume 2, the Individual Space Standards will be modified in Volume 1. However, if a conflict exists, then the standards in the Individual Space Standards takes precedence.

The Individual Space Standards shall be used for renovation projects as well as new construction. When in renovation projects the constraints of the existing structure make it economically infeasible to apply these standards directly, the space allocations list may vary by no more than 20% for individual net space sizes, or no more than 10% for the total building gross area in order to provide a design solution. Reductions are only feasible in non-equipment intensive spaces. When such instances occur, project documentation shall contain specific justification for deviation from the established standards. The Net to Gross Multipliers are not to be applied to interior space renovation projects that do not require added horizontal circulation (corridors) or vertical circulation (stairs and elevators) or greatly increased interior partitions (3 to 4 times the length of the original partitions). If required for one of these reasons, they will be partially applied and approved by the Commandant (G-SEC).

It must be emphasized that a fundamental aspect of these Standards is that an activity is not automatically entitled to all the component spaces or even entitled to a facility itself simply because it is listed in this publication. The use of these standards as sole justification for a new facility or for upgrading or expanding existing facilities will not be approved. Justification of need still remains a separate step in the project documentation process.

- 2. Volume 2 - Reusable Design Programs.** Reusable Design Programs are intended to fully define the requirements (design program) upon which the design of a particular shore facility is based. They contain: (1) a Space Allocations List which lists the type of space, the net size of each functional space, and the total gross square feet of the entire facility; (2) Individual Space Criteria that describes the function of the space, identifies general and specific design requirements, lists furnishings and equipment, and provides a space for a thumbnail layout as required; and (3) Spatial Relationship Diagrams that group like individual spaces (by function) into clusters and relates the clusters to each other graphically as bubble diagrams. The Reusable Design Programs along with site specific data is to be used to document the Planning Proposal and the Project Proposal Report (PART-A). The Reusable Design Programs represent approved requirements for a typical facility type, and are intended to be used wherever possible without change. However, since it is anticipated that although the shore facility types covered by Reusable Design Programs are very similar in their requirements from one specific design to another, some deviations to the Reusable Design Program may be necessary to incorporate differing program or mission requirements. Deviations for individual net space sizes are to be fully justified in the Project Proposal Report (PART-A).
- 3. Volume 3 - Multi-Mission Station Reusable Floor Plans.** Multi-Mission Station Reusable Floor Plans are fully detailed architectural floor plans complete to the Design Development (35%) stage. The Multi-Mission Station Reusable Floor Plans provide standard floor plans and modules. The Individual Space Sizes in Volume 3 vary from the standards listed in Volumes 1 and 2 since they reflect an actual 35% design. When a Multi- Mission Station Reusable Floor Plan fits

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the desired design solution, it is to be used in its entirety to support all phases of the project documentation: Planning Proposal; Project Proposal Report (PART-A); Project Proposal Report (PART-B). A design solution may also be created by combining Modules from the Multi-Mission Station Reusable Floor Plans. If Modules, and their associated space sizes, are used, then the Modules must be used in their entirety. The Individual Spaces Sizes in Volume 3 are not the standard size. The standard sizes for Individual Space Sizes are in Volumes 1 and 2 of this manual and should be used for project documentation when the Floor Plans or Modules are not used. Printed 279 mm x 432 mm (11" x 17") copies of these floor plans are provided for copying and using in the appropriate AC&I project documentation report. Copies of these floor plans shall be given to architects and engineers for their use in completing working drawings for construction projects.

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To find the spaces normally found in the Building Types listed below, see the Space Components that are indicated by the dots in the matrix.

SPACE COMPONENTS

BUILDING TYPES	ADMINISTRATIVE	BACHELOR HOUSING	COMMUNITY FACILITIES	DINING	EDUCATIONAL	FACILITIES SUPPORT	HEALTH CARE	LAND OPERATIONS	MAINTENANCE	PERSONNEL SUPPORT
AIRCRAFT REPAIR SHOP	●					●			●	●
AIR STATION	●	●		●	●	●	●	●	●	●
APPLIED INSTRUCTION (TRAINING)	●				●	●				●
ATON REPAIR SHOP	●					●			●	●
AUTO HOBBY SHOP	●		●			●				●
BEQ/BOQ	●	●			●	●				●
BOAT REPAIR SHOP	●					●			●	●
CHAPEL	●		●			●				●
CLUB	●		●			●				●
EXCHANGE-RESALE/SERVICE	●		●			●				●
FACILITIES ENGINEERING SHOP	●					●			●	●
FIRE STATION	●	●	●	●	●	●				●
GALLEY/MESS DECK				●						
GATE HOUSE			●			●				
GYMNASIUM	●		●			●				●
MARINE SAFETY OPERATION	●	●		●	●	●		●		●
MEDICAL/DENTAL	●					●	●			●
MULTI-MISSION STATION	●	●		●	●	●	●	●	●	●
OFFICE	●					●				●
RECREATION CENTER	●		●			●				●

INTRODUCTION

The following is a sample space allocations list for a Multi-Mission Station. The Space Components Matrix was used to find the spaces that are normally found in a Multi-Mission Station. The page numbers are referenced to indicate which page of the Shore Facilities Standards Manual - Volume 1 (SFSM1) the information can be found. This sample station has the following personnel and operational platform complement:

<u>Quantity</u>	<u>Rank/Rate</u>	<u>Rank/Rate Name</u>	<u>Position</u>
1	BMCM	Boatswains Mate, Master Chief	Officer-In-Charge
1	BM1	Boatswains Mate, 1st Class	Exec Petty Officer
2	BM2	Boatswains Mate, 2nd Class	
4	BM3	Boatswains Mate, 3rd Class	
8	SN	Seaman	
1	MKC	Machinists Mate, Chief	Eng Petty Officer
2	MK2	Machinists Mate, 2nd Class	
3	MK3	Machinists Mate, 3rd Class	
2	FN	Fireman	
1	SS2	Subsistence Specialist, 2nd Class	
<u>25</u>			

Small Boats: Two 12497 mm (41 foot) Utility Boats (UTBs)

Cutters: None

Aircraft: None

FACILITY: MULTI-MISSION STATION

PROPERTY USE CODE: 143

<u>SPACE NAME</u>	<u>SIZE(NET) METRIC (m²)</u>	<u>SPACE CODE</u>	<u>REFERENCE</u>
ADMINISTRATIVE			610
Officer-In-Charge	14	610.006	SFSM1 (1-1)
Executive Petty Officer	10	610.007	SFSM1 (1-1)
<u>Open Office Space</u>			
Non-Supervisory Workstation E-1 Thru E-6 (2 workstations)	10	610.068	SFSM1 (1-2)
ADP Work Station w/ Terminal and Printer	10	610.082	SFSM1 (1-2)
Open Office Circulation (25% of total Open Office Space)	5		SFSM1 (1-2)
Fax Machine	2	610.090	SFSM1 (1-3)
Administrative Storage	6	610.130	SFSM1 (1-3)
File Areas			
2 - letter files cabinets (2 x 0.6 m ²)	2 [1]	610.101	SFSM1 (1-3)
3 - legal files cabinets (2 x 0.7 m ²)	3 [1]	610.102	SFSM1 (1-3)
Copier Room (copier dimensions 1m x .6m)	<u>2</u>	610.150	SFSM1 (1-3)
Administrative Partial Net Area (PNA)	62	600	
Net to Gross Multiplier (Multi-Mission Station)	<u>x 1.31</u>		SFSM1 (11-2)
Administrative Gross Area (GA)	82 [1]	600	

NOTES:

[1] Round up to the next whole m².

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FACILITY: MULTI-MISSION STATION (CONT.)

PROPERTY USE CODE: 143

<u>SPACE NAME</u>	<u>METRIC (m²)</u>	<u>SIZE(NET) CODE</u>	<u>SPACE REFERENCE</u>
BACHELOR HOUSING			721
Seaman/Fireman E-1 Thru E-3 (5 modules)	115	721.004	SFSM1 (2-1)
Seaman/Fireman Male/Female Separation	23	721.004	Note [1]
Enlisted Duty Officer/OD Night Room	23	721.011	SFSM1 (2-1)
Enlisted Watchstander E-1 Thru E-9 (3 modules)	69	721.014	SFSM1 (2-2)
Enlisted Watchstander Male/Female Separation	23	721.014	Note [1]
Vending Area	6	721.970	SFSM1 (2-4)
Laundry Room	12	721.973	SFSM1 (2-4)
Linen Storage	5	721.470	SFSM1 (2-4)
Seabag Storage (10 people berthed x 1.2 m ²)	<u>12</u>	721.471	SFSM1 (2-4)
Bachelor Housing PNA	288	721	
Net to Gross Multiplier (Multi-Mission Station)	<u>x 1.31</u>		SFSM1 (11-2)
Bachelor Housing GA	378 [2]	721	
DINING			722
Mess Deck	34	722.051	SFSM1 (4-1)
Galley	<u>73</u>	722.053	SFSM1 (4-1)
Dining PNA	107	722	
Net to Gross Multiplier (Multi-Mission Station)	<u>x 1.31</u>		SFSM1 (11-2)
Dining GA	140 [2]	722	
EDUCATIONAL			171
Academic Classroom	<u>28</u>	171.003	SFSM1 (5-1)
Educational PNA	28	171	
Net to Gross Multiplier (Multi-Mission Station)	<u>x 1.31</u>		SFSM1 (11-2)
Educational GA	37 [2]	171	
LAND OPERATIONS			140
Weapons Storage	8	140.016	SFSM1 (8-1)
Command Center	28	140.023	SFSM1 (8-1)
Maintenance Equipment Storage	19	140.401	SFSM1 (8-3)
Wet Rooms		140.142	SFSM1 (8-4)
Male and Female Locker Area	28	140.904	SFSM1 (8-4)
Male and Female Toilets	19	140.905	SFSM1 (8-4)
Laundry Area	<u>12</u>	140.906	SFSM1 (8-4)
Land Operations PNA	114	140	
Net to Gross Multiplier (Multi-Mission Station)	<u>x 1.31</u>		SFSM1 (11-2)
Land Operations GA	149 [2]	140	

NOTES:

[1] The additional berthing module for male/female separation is provided in accordance with the Civil Engineering Manual (COMDTINST M 11000.11A) Chapter 10.

[2] Round up to the next whole m².

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FACILITY: MULTI-MISSION STATION (CONT.)

PROPERTY USE CODE: 143

<u>SPACE NAME</u>	<u>METRIC (m²)</u>	<u>SIZE(NET) CODE</u>	<u>SPACE REFERENCE</u>
MAINTENANCE - BOAT/CUTTER		213	
Boatswain Shop	42	213.002	SFSM1 (9C-1)
Machine and Engine (MK) Shop	164	213.008	SFSM1 (9C-1)
Flammable Storage	<u>4</u>	213.406	SFSM1 (9C-1)
Maintenance - Boat/Cutter PNA	210	213	
Net to Gross Multiplier (Multi-Mission Station)	<u>x 1.31</u>		SFSM1 (11-2)
Maintenance - Boat/Cutter GA	275 [1]	213	
PERSONNEL SUPPORT		900	
Main Lobby	14	900.002	SFSM1 (10-1)
Passenger/Freight Elevator Lobby (2 floors)	10	900.005	SFSM1 (10-1)
All Public and Staff Toilet Requirements	31	900.026	SFSM1 (10-9)
Physical Fitness Area	21	900.045	SFSM1 (10-3)
Recreation Room	25	900.051	SFSM1 (10-3)
TV Room	<u>13</u>	900.054	SFSM1 (10-3)
Personnel Support PNA	114	900	
Net to Gross Multiplier (Multi-Mission Station)	<u>x 1.31</u>		SFSM1 (11-2)
Personnel Support GA	149 [1]	900	
TOTAL PARTIAL NET AREA (PNA) CALCULATION [2]			
Administrative PNA	62	600	
Bachelor Housing PNA	288	721	
Dining PNA	107	722	
Educational PNA	28	171	
Land Operations PNA	114	140	
Maintenance - Boat/Cutter PNA	210	213	
Personnel Support PNA	<u>114</u>	900	
TOTAL PARTIAL NET AREA (PNA)	924		

NOTES:

[1] Round up to the next whole m².

[2] The spaces within the Facilities Support component are based on the total Partial Net Area (PNA) of the facility. To determine the PNA first list all of the required spaces and their sizes to be included within the facility using all of the components except the Facilities Support Component then add the Net m² of all the listed spaces.

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FACILITY: MULTI-MISSION STATION

PROPERTY USE CODE: 143

<u>SPACE NAME</u>	<u>METRIC (m²)</u>	<u>SIZE(NET) CODE</u>	<u>SPACE REFERENCE</u>
FACILITIES SUPPORT		800	
Mechanical Equipment Space (HVAC)	35	800.006	SFSM1 (6-11)
Electrical Equipment Space	2	800.012	SFSM1 (6-15)
Emergency Generator Space	26	800.021	SFSM1 (6-3)
Fire Suppression Equipment Space	10	800.033	SFSM1 (6-3)
Telecommunications Equipment Room	14	800.040	SFSM1 (6-3)
Telecommunications Satellite Space	2	800.041	SFSM1 (6-3)
Telephone Equipment Space	2	800.043	SFSM1 (6-3)
Electric Water Cooler Area	2	800.051	SFSM1 (6-3)
General Building Storage	10	800.400	SFSM1 (6-18)
Janitor's Closet/Storage	<u>6</u>	800.401	SFSM1 (6-4)
Facilities Support Net Area	93	800	
Net to Gross Multiplier (Multi-Mission Station)	<u>x 1.31</u>		SFSM1 (11-2)
Facilities Support Gross Area	122 [1]	800	
TOTAL NET AREA			
Total Partial Net Area (PNA)	924		
Facilities Support Net Area	<u>93</u>	800	
TOTAL NET AREA	1017		
ADJUSTMENT FACTORS CALCULATIONS (Based on Total Net Area)			
Thicker Exterior Walls (1017 m ² x .020)	21 [1]		SFSM1 (11-3)
Interior Masonry Partitions (1017 m ² x .015)	16 [1]		SFSM1 (11-3)
Vertical Circulation (1017 m ² x .04 x 2 floors)	<u>82</u> [1]		SFSM1 (11-3)
TOTAL ADJUSTMENT FACTORS GROSS AREA	119		
TOTAL GROSS AREA (GA) CALCULATION			
Administrative GA	76	600	
Bachelor Housing GA	378	721	
Dining GA	140	722	
Educational GA	37	171	
Land Operations GA	149	140	
Maintenance - Boat/Cutter GA	275	213	
Personnel Support GA	149	900	
Facilities Support GA	122	800	
Adjustment Factors GA	<u>119</u>		
TOTAL MULTI-MISSION STATION GROSS AREA	1445m²		

NOTES:

[1] Round up to the next whole m².

**INDIVIDUAL SPACE SIZES
ADMINISTRATIVE**

Property Use Code - **610**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>PRIVATE OFFICE SPACE</u> (Only the following personnel are authorized private offices)			610.001
COMMANDING OFFICERS O-6	21	225	610.002
COMMANDING OFFICERS (O-5 and below)	14	150	610.003
EXECUTIVE OFFICER O-1 THRU O-6	14	150	610.004
EXECUTIVE OFFICER W-2 THRU W-4	14	150	610.005
OFFICER-IN-CHARGE	14	150	610.006
EXECUTIVE PETTY OFFICER	10	100	610.007
SUPERVISORY O-5 AND O-6	14	150	610.010
SUPERVISORY O-3 AND O-4	10	100	610.011
SUPERVISORY W-2 THRU W-4	10	100	610.012
SUPERVISORY GM-14 AND GM-15	14	150	610.013
SUPERVISORY GS-12 AND GM-13	10	100	610.014
SUPERVISORY WL-15	10	100	610.015
SUPERVISORY WS-14 THRU WS-19	10	100	610.016
NON-SUPERVISORY GM-14 AND GM-15	10	100	610.017
SENIOR MEDICAL OFFICER	14	150	610.020
SENIOR DENTAL OFFICER	14	150	610.021
MEDICAL OFFICER	12	120	610.022
PERSONNEL SERVICES SUPPORT			610.030
Command Enlisted Advisor	10	100	610.031
Chaplain	14	150	610.032
Human Relations Specialist	10	100	610.033
Family Advocate	10	100	610.034
Alcohol and Drug Abuse Representative	10	100	610.035
RECRUIT ADMINISTRATION SUITE			610.040
(One suite is required per company)			
Company CO Office	14	150	610.041
Company Assistant Office	14	150	610.042
Administrative Office/Reception	14	150	610.043
Storage	3	30	610.440
Toilet	3	30	610.940

**INDIVIDUAL SPACE SIZES
ADMINISTRATIVE**

Property Use Code - 610

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>OPEN OFFICE SPACE</u> [1]			610.050
(The following list applies to administrative personnel not authorized private offices and includes space required for one desktop ADP terminal or typewriter.)			
SUPERVISORY O-1 THRU O-2	7	75	610.051
SUPERVISORY GS-7 THRU GS-11	7	75	610.052
SUPERVISORY E-6 THRU E-9	7	75	610.053
SUPERVISORY WG-12 THRU WG-15	7	75	610.054
SUPERVISORY WL-6 THRU WL-14	7	75	610.055
SUPERVISORY WS-8 THRU WS-13	7	75	610.056
NON-SUPERVISORY O-4	7	75	610.060
NON-SUPERVISORY O-1 THRU O-3	6	60	610.061
NON-SUPERVISORY W-4	7	75	610.062
NON-SUPERVISORY W-2 THRU W-3	6	60	610.063
NON-SUPERVISORY GS-12 AND GM-13	7	75	610.064
NON-SUPERVISORY GS-7 THRU GS-11	6	60	610.065
NON-SUPERVISORY GS-1 THRU GS-6	5	45	610.066
NON-SUPERVISORY E-7 THRU E-9	6	60	610.067
NON-SUPERVISORY E-1 THRU E-6	5	45	610.068
ADP WORK STATIONS			610.080
Size per terminal only	5	45	610.081
Size per terminal and printer	6	60	610.082
CLERICAL WORK STATION	4	36	610.083
DRAFTING/TECHNICAL WORK STATIONS	10	100	610.084
MANAGERIAL WORK STATION	10	96	610.085
PROFESSIONAL WORK STATION	6	64	610.086
RECEPTIONIST WORK STATION	10	100	610.087
SHARED USE WORK STATIONS	5	45	610.088
TYPICAL WORK STATION	5	48	610.089

NOTE:

[1] A circulation factor of 25% should be applied to the sum of the Open Office Space spaces and is to be used in addition to the Net to Gross Multiplier. The circulation factor provides interior circulation between workstations in an open office plan.

**INDIVIDUAL SPACE SIZES
ADMINISTRATIVE**

Property Use Code - **610**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>SHARED USE OFFICE SPACE</u> [1] (Individual justification required)			610.090
FAX MACHINE	2	20	610.091
FILE AREAS			610.100
Size per Letter File Cabinet	0.6	6	610.101
Size per Legal File Cabinet	0.7	7	610.102
Size per Lateral File Cabinet or Bookcase	0.8	8	610.103
Size per Plan/Chart File	4	40	610.104
CONFERENCE ROOMS			610.110
Size per Person	2	20	610.111
Minimum Size (accommodates 7 people)	14	150	610.112
Maximum Size (accommodates 15 people) [2]	28	300	610.113
COFFEE MESS	5	50	610.120
COFFEE MESS/LUNCH PREPARATION AREA [3]	10	100	610.121
ADMINISTRATIVE STORAGE [4]	6	65	610.130
ADP ROOMS (Equipment area times 3)			610.140
COPIER ROOMS (Equipment area times 5)			610.150

NOTES:

- [1] Interior office circulation is included in these net space sizes.
- [2] Maximum size of conference room before consider providing another conference room.
- [3] Do not provide at Multi-Mission Stations that have a galley present.
- [4] Provide at Multi-Mission Stations only.

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**INDIVIDUAL SPACE SIZES
BACHELOR HOUSING**

Property Use Code - 721

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>PERMANENT PARTY ENLISTED BEDROOM MODULES [1]</u>			721.001
CHIEF PETTY OFFICER E-7 THRU E-9 1 Person per Double Module [2] (Living/Bedroom & Bathroom)	45	480	721.002
PETTY OFFICER E-4 THRU E-6 1 Person per Module (Living/Bedroom & Bathroom)	23	240	721.003
SEAMAN/FIREMAN E-1 THRU E-3 2 Persons per Module (Living/Bedroom & Bathroom)	23	240	721.004
CHIEF PETTY OFFICER E-7 THRU E-9 STATIONED AT ISOLATED LOCATIONS 1 Person per Double Module [2] (Living/Bedroom & Bathroom)	45	480	721.005
PERMANENT PARTY ENLISTED E-1 THRU E-6 STATIONED AT ISOLATED LOCATIONS 1 Person per Module (Living/Bedroom & Bathroom)	23	240	721.006
<u>NON-PERMANENT PARTY ENLISTED BEDROOM MODULES [1]</u>			721.010
ENLISTED DUTY OFFICER/OD NIGHT ROOM 1 Person per Module (Living/Bedroom & Bathroom)	23	240	721.011
ENLISTED RESERVE E-1 THRU E-9 2 Persons per Module (Living/Bedroom & Bathroom)	23	240	721.012
ENLISTED STUDENT E-1 THRU E-9 2 Persons per Module (Living/Bedroom & Bathroom)	23	240	721.013

NOTES:

[1] The berthing area of all modules must be a minimum of 17 m² [180 sf] with a minimum dimension of 3658 mm (12 ft).

[2] This module is two standard modules, with lockable doors adjoining, to provide a living area and a berthing area.

**INDIVIDUAL SPACE SIZES
BACHELOR HOUSING**

Property Use Code - 721

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>NON-PERMANENT PARTY ENLISTED BEDROOM MODULES (CONT.) [1]</u>			721.010
ENLISTED WATCHSTANDER E-1 THRU E-9 2 Persons per Module (Living/Bedroom & Bathroom)	23	240	721.014
ENLISTED WATCHSTANDER E-1 THRU E-9 EXTENDED ROTATIONAL DUTY AT ISOLATED LOCATIONS [2] 1 Person per Module (Living/Bedroom & Bathroom)	23	240	721.015
ENLISTED TRANSIENT E-1 THRU E-9 2 Persons per Module (Living/Bedroom & Bathroom)	23	240	721.016
<u>PERMANENT PARTY OFFICER'S APARTMENT MODULES</u>			721.020
ALL OFFICERS (Living Room/Bedroom/Bathroom/Kitchen/Closet)	45	480	721.021
<u>NON-PERMANENT PARTY OFFICER'S BEDROOM MODULES [1]</u>			721.030
DUTY OFFICER W-1 AND ABOVE 1 Person per Module (Living Room/Bedroom & Bathroom)	23	240	721.031
RESERVE OFFICER W-1 AND ABOVE 1 Person per Module (Living Room/Bedroom & Bathroom)	23	240	721.032
STUDENT OFFICER W-1 AND ABOVE 1 Person per Module (Living Room/Bedroom & Bathroom)	23	240	721.033

NOTES:

[1] The berthing area of all modules must be a minimum of 17 m² [180 sf]) with a minimum dimension of 3658 mm (12 ft).

[2] Extended rotational watchstander duty is defined as lasting more than seven (7) continuous days.

**INDIVIDUAL SPACE SIZES
BACHELOR HOUSING**

Property Use Code - 721

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>NON-PERMANENT PARTY OFFICER'S BEDROOM MODULES (CONT.) [1]</u>			721.030
TRANSIENT OFFICER W-1 AND ABOVE 1 Person per Module (Living Room/Bedroom & Bathroom)	23	240	721.034
WATCHSTANDER OFFICER W-1 AND ABOVE 1 Person per Module (Living Room/Bedroom & Bathroom)	23	240	721.035
WATCHSTANDER OFFICER W-1 AND ABOVE EXTENDED ROTATIONAL DUTY AT ISOLATED LOCATIONS 1 Person per Module (Living Room/Bedroom & Bathroom)	23	240	721.036
<u>SPECIAL BACHELOR HOUSING QUARTERS [1]</u>			721.040
SHORT TERM HOUSING			721.041
TEMPORARY LIVING ACCOMMODATIONS ALL RATES AND GRADES 1 Family per Module (Living Room/Bedroom/Bathroom/Kitchen/Closet)	45	480	721.042
FIRE STATION BERTHING			721.050
DUTY OFFICER 1 Person per Module (Living Room/Bedroom & Bathroom)	23	240	721.051
FIRE FIGHTER 2 Persons per Module (Living Room/Bedroom & Bathroom)	23	240	721.052

NOTES:

[1] The berthing area of all modules must be a minimum of 17 m² [180 sf] with a minimum dimension of 3658 mm (12 ft).

**INDIVIDUAL SPACE SIZES
BACHELOR HOUSING**

Property Use Code - 721

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>SPECIAL BACHELOR HOUSING QUARTERS (CONT.) [1]</u>			721.040
RECRUIT BERTHING			721.060
SQUAD BAY			
Size per Recruit (maximum 60 recruits per bay)	7	75	721.061
CENTRAL BATHROOM			
Size per Recruit (one per squad bay)	1.4	15	721.960
DAY ROOM			
Size per Squad Bay	40	430	721.961
Minimum Size	93	1000	721.962
LINEN STORAGE			
Size per Squad Bay	5	50	721.460
<u>COMMON SPACES [2]</u>			721.070
VENDING AREA			
Size per Every 50 Persons Berthed	6	60	721.970
LAUNDRY ROOM [3]			721.971
Size for First Washer and Dryer	8	80	721.972
Size for Each Additional Washer/Dryer Pair	4	40	721.973
LINEN STORAGE			
Size per Every 24 Persons Berthed	5	50	721.470
SEABAG STORAGE [4]			
Size per Person Berthed	1.2	12	721.471

NOTES:

- [1] The berthing area of all modules must be a minimum of 17 m² [180 sf] with a minimum dimension of 3658 mm (12 ft).
- [2] These spaces are not associated with Recruit Bachelor Housing.
- [3] Provide one washer/dryer pair per each 15 assigned persons.
- [4] Watchstanders and Transient Bachelor Housing are not authorized seabag storage.

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - AUTO HOBBY SHOP**

Property Use Code - **740-38**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>AUTO HOBBY SHOP</u>			740.381
AUTOMOTIVE BAY Size for First Bay (With or without lift)	34	360	740.382
ADDITIONAL AUTOMOTIVE BAYS Size per Additional Bays (With or without lift)	29	310	740.383
EQUIPMENT			740.384
Balance	2	20	740.385
Battery Charger	2	20	740.386
Battery Tester	2	20	740.387
Oil Drum	2	20	740.388
Solvent Cleaner	2	20	740.389
Tire Mount	2	20	740.390
Workbench	2	20	740.391
PARTS SALES COUNTER	7	75	740.392
PARTS SALES STORAGE ROOM	17	175	740.430
TOOL/ISSUE STORAGE			
Size for the First Three Bays	10	100	740.431
size per additional bay	4	35	740.432

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**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - CHAPEL**

Property Use Code - **740-83**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>75 SEAT CHAPEL</u>			740.801
NARTHEX	28	300	740.802
COAT CLOSET	4	40	740.480
NAVE	80	855	740.804
CHANCEL	38	400	740.805
BAPTISMAL FONT	6	65	740.806
SACRISTY	14	150	740.807
ARK STORAGE	6	65	740.481
VESTRY	6	65	740.809
CONFESSION			
Confessional Booths (Size per booth)	1	9	740.810
Confessional Room	7	70	740.811
ACTIVITY ROOM	28	300	740.980
KITCHEN	6	65	740.813
NURSERY			
Size per Infant	4	35	740.814
Minimum Size	13	140	740.815
Maximum Size	33	350	740.816
CLASSROOM			
Size per Person	2	20	740.817
Minimum Size	13	140	740.818
Maximum Size	38	400	740.819
CHAPLAIN'S OFFICE	14	150	740.820

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - CHAPEL**

Property Use Code - **740-83**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>100 SEAT CHAPEL</u>			740.830
NARTHEX	33	350	740.831
COAT CLOSET	5	50	740.482
NAVE	97	1035	740.833
CHANCEL	40	425	740.834
BAPTISMAL FONT	6	65	740.835
SACRISTY	17	175	740.836
ARK STORAGE	6	65	740.483
VESTRY	8	80	740.838
CONFESSION			
Confessional Booths (Size per booth)	1	9	740.839
Confessional Room	7	70	740.850
ACTIVITY ROOM	33	350	740.981
KITCHEN	8	80	740.852
NURSERY			
Size per Infant	4	35	740.853
Minimum Size	13	140	740.854
Maximum Size	33	350	740.855
CLASSROOM			
Size per Person	2	20	740.856
Minimum Size	13	140	740.857
Maximum Size	38	400	740.858
CHAPLAIN'S OFFICE	14	150	740.859

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - CHAPEL**

Property Use Code - **740-83**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>150 SEAT CHAPEL</u>			740.860
NARTHEX	42	450	740.861
COAT CLOSET	7	75	740.484
NAVE	130	1390	740.863
CHANCEL	42	450	740.864
BAPTISMAL FONT	8	80	740.865
SACRISTY	19	200	740.842
ARK STORAGE	6	65	740.485
VESTRY	10	100	740.868
CONFESSION			
Confessional Booths (Size per booth)	1	9	740.869
Confessional Room	7	70	740.870
ACTIVITY ROOM	42	450	740.982
KITCHEN	10	100	740.872
NURSERY			
Size per Infant	4	35	740.873
Minimum Size	13	140	740.874
Maximum Size	33	350	740.875
CLASSROOM			
Size per Person	2	20	740.876
Minimum Size	13	140	740.877
Maximum Size	38	400	740.878
CHAPLAIN'S OFFICE	14	150	740.879

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**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - CLUBS**

Property Use Code - **740-63**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>ENTRY</u>			740.631
COAT ROOM Size per Seat in Multi-Use and/or Dining Area, and Recreation Spaces	0.1	1	740.460
LOBBY	----- [1]	----- [1]	
PUBLIC TELEPHONE AREA [2] Size per Telephone	1	10	740.960
PUBLIC TOILETS	----- [1]	----- [1]	
<u>MULTI-USE AND/OR DINING [3]</u>			740.610
MULTI-USE/DINING AREA SEATING Size per Seat	1.4	15	740.611
CASHIER [4] Size per Cashier Station	5	45	740.612
DRESSING ROOMS [5]	19	200	740.961
MULTI-USE AREA STORAGE Size per Seat	0.3	3	740.461
<u>KITCHEN</u>			740.620
KITCHEN WORK AREA Size per Seat in Multi-Use and/or Dining Area	1.2	12	740.621
KITCHEN STORAGE Size per Seat in Multi-Use and/or Dining Area	0.3	3	740.462

NOTES:

[1] See the Individual Space Sizes for Personnel Support.

[2] One telephone per every 100 seats in Multi-Use and/or Dining area.

[3] Whenever possible utilize a Multi-Use area for both Dining (buffet, cafeteria, or table service) and social functions (banquets, etc.).

[4] Include for Dining only, one Cashier per every 100 seats.

[5] Include for Multi-Use Area only. Size includes space for both male and female dressing room requirements.

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - CLUBS**

Property Use Code - **740-63**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>COCKTAIL LOUNGE</u>			740.660
BAR AREA			
1 Bartender	10	100	740.661
2 Bartenders	14	145	740.662
LOUNGE AREA			
Size per Seat	1.3	13	740.962
PORTABLE BAR	6	60	740.664
<u>RECREATION SPACES</u>			740.963
NOISY RECREATION			
Size per User	2	20	740.964
Minimum Size	28	300	740.965
QUIET RECREATION			
Size per User	3	25	740.966
Minimum Size	19	200	740.967
<u>SUPPORT SPACES</u>			740.680
ADMINISTRATION			
Administration Office	----- [1]	----- [1]	
Cashier/Reception	14	150	740.681
STAFF LOCKERS			
Size per Staff Member	0.6	6	740.968
STAFF TOILETS	----- [2]	----- [2]	

NOTES:

[1] See the Individual Space Sizes for Administrative.

[2] See the Individual Space Sizes for Personnel Support.

INDIVIDUAL SPACE SIZES

COMMUNITY FACILITIES - EXCHANGE-RESALE/SERVICE Property Use Code - 740-10

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>EXCHANGE</u> (These spaces are to be utilized when planning Main Store, Annex Store, and Uniform Store facilities)			
CASHIER'S OFFICE [1]	10	100	740.100
CHECK-OUT COUNTER	6	60	740.101
DRESSING ROOMS Size per Room	1.4	15	740.910
SALES/DISPLAY AREA	Table A m ²	Table A sf	740.102
EXCHANGE OFFICE	Table B m ²	Table B sf	740.103
STAFF LOUNGE [2] Size per Staff Member	1.4	15	740.911
Minimum Size	12	120	740.912
STAFF TOILET [3] Sales/Display area 181 m ² (1949 sf) or less	9	90	740.913
STAFF/PUBLIC TOILETS [4] Sales/Display Area 182 m ² (1950 sf) or more (Or when combined with other Resale/Service facilities)	19	200	740.914
STOCK ROOM	Table A m ²	Table A sf	740.102

NOTES:

[1] This space is permitted only in an Exchange with a Sales/ Display Area of 349 m² (3750 sf) or more, unless justified.

[2] This space is permitted only in an Exchange with a Sales/Display Area of 182 m² (1950 sf) or more.

[3] This space provides a unisex and handicap accessible Toilet. Do not provide a separate Staff Toilet if the Exchange is combined with other Resale/Service facilities, instead provide Staff/Public Toilets (listed under Exchange) to service the combined facilities.

[4] Includes space for both male and female handicap accessible toilets.

INDIVIDUAL SPACE SIZES

COMMUNITY FACILITIES - EXCHANGE-RESALE/SERVICE Property Use Code - 740-10

METRIC TABLE A m²

SALES/DISPLAY & STOCK ROOM SPACE REQUIREMENTS

SPACE CODE

740.102

SIZE OF POPULATION SERVED BY THE STORE

SIZE (NET m²) SALES/DISPLAY STOCK ROOM

Up to 65	33	14
66 to 125	66	28
126 to 200	89	38
201 to 250	121	47
251 to 300	144	61
301 to 350	182	70
351 to 400	205	79
401 to 550	237	93
551 to 750	284	112
751 to 1000	349	140
1001 to 1400	437	177
1401 to 1900	539	214
1901 to 2550	641	251
2551 to 3300	725	288
3301 to 4200	837	335
4201 to 5200	948	381

INDIVIDUAL SPACE SIZES

COMMUNITY FACILITIES - EXCHANGE-RESALE/SERVICE Property Use Code - 740-10

ENGLISH TABLE A sf SALES/DISPLAY & STOCK ROOM SPACE REQUIREMENTS

SPACE CODE
740.102

<u>SIZE OF POPULATION</u> <u>SERVED BY THE STORE</u>	<u>SIZE (NET sf)</u>	
	<u>SALES/DISPLAY</u>	<u>STOCK ROOM</u>
Up to 65	350	150
66 to 125	700	300
126 to 200	950	400
201 to 250	1300	500
251 to 300	1550	650
301 to 350	1950	750
351 to 400	2200	850
401 to 550	2550	1000
551 to 750	3050	1200
751 to 1000	3750	1500
1001 to 1400	4700	1900
1401 to 1900	5800	2300
1901 to 2550	6900	2700
2551 to 3300	7800	3100
3301 to 4200	9000	3600
4201 to 5200	10200	4100

INDIVIDUAL SPACE SIZES

COMMUNITY FACILITIES - EXCHANGE-RESALE/SERVICE Property Use Code - 740-10

METRIC TABLE B m²
EXCHANGE OFFICE SPACE REQUIREMENTS

SPACE CODE
740.103

<u>SIZE OF SALES/DISPLAY AREA</u>	<u>SIZE (NET m²)</u>
Up to 65	6
66 to 143	7
144 to 348	10
349 & Up	14

ENGLISH TABLE B sf
EXCHANGE OFFICE SPACE REQUIREMENTS

SPACE CODE
740.103

<u>SIZE OF SALES/DISPLAY AREA</u>	<u>SIZE (NET sf)</u>
Up to 699	60
700 to 1549	75
1550 to 3749	100
3750 & Up	150

INDIVIDUAL SPACE SIZES

COMMUNITY FACILITIES - EXCHANGE-RESALE/SERVICE Property Use Code - 740-10

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>PACKAGE STORE</u>			
<u>TYPE I</u>			
OFFICE	6	60	740.104
STOCK ROOM	61	650	740.105
SALES AREA Refrigerated Storage Check-out Counter Island Displays	47	500	740.106
STAFF TOILET [1]	9	90	740.915
<u>TYPE II</u>			
OFFICE	7	75	740.107
STOCK ROOM	91	975	740.108
SALES AREA Refrigerated Storage Check-out Counter Island Displays	70	750	740.109
STAFF TOILET [1]	9	90	740.916
<u>TYPE III</u>			
OFFICE	10	100	740.110
STOCK ROOM	121	1300	740.111
SALES AREA Refrigerated Storage Check-out Counter Island Displays	93	1000	740.112
STAFF TOILET [1]	9	90	740.917

NOTES:

[1] This space provides a unisex and handicap accessible Toilet. Do not provide a separate Staff Toilet if the Package Store is combined with an Exchange or other Resale/Service facility, instead provide Staff/Public Toilets (listed under Exchange to service the combined facilities.

INDIVIDUAL SPACE SIZES

COMMUNITY FACILITIES - EXCHANGE-RESALE/SERVICE Property Use Code - 740-10

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>PACKAGE STORE (CONT.)</u>			
<u>TYPE IV</u>			
OFFICE	10	100	740.113
STOCK ROOM	151	1625	740.114
SALES AREA Refrigerated Storage Check-out Counter Island Displays	117	1250	740.115
STAFF TOILET [1]	9	90	740.918
<u>TYPE V</u>			
OFFICE	14	150	740.116
STOCK ROOM	182	1950	740.117
SALES AREA Refrigerated Storage Check-out Counter Island Displays	140	1500	740.118
STAFF TOILET [1]	9	90	740.919

NOTES:

[1] This space provides a unisex and handicap accessible Toilet. Do not provide a separate Staff Toilet if the Package Store is combined with an Exchange or other Resale/Service facility, instead provide Staff/Public Toilets (listed under Exchange) to service the combined facilities.

INDIVIDUAL SPACE SIZES

COMMUNITY FACILITIES - EXCHANGE-RESALE/SERVICE Property Use Code - 740-10

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>DRY CLEANER/TAILOR</u>			
CLEANING [1]	52	550	740.120
BOILER [1]	10	100	740.121
PRESSING	19	200	740.122
STORAGE RACKS	19	200	740.410
HANDWORK	16	165	740.124
STAFF TOILET [2]	9	90	740.920
OFFICE	7	75	740.125
WAITING AREA/COUNTER	14	150	740.921

NOTES:

[1] Required only when in-house dry cleaning service is provided.

[2] This space provides a unisex and handicap accessible Toilet. Do not provide a separate Staff Toilet if the Dry Cleaning/Tailor is combined with an Exchange or other Resale/Service facility, instead provide Staff/Public Toilets (listed under Exchange) to service the combined facilities.

INDIVIDUAL SPACE SIZES

COMMUNITY FACILITIES - EXCHANGE-RESALE/SERVICE Property Use Code - 740-10

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>BARBER/BEAUTY SHOPS</u>			
STORAGE	5	50	740.411
STAFF TOILET [1]	9	90	740.922
WASHER/DRYER	4	40	740.130
BARBERS STATION Size per Station	6	60	740.131
BEAUTICIANS STATION Size per Station	6	60	740.132
MANICURE AREA	3	25	740.133
WAITING AREA Size per Seat	1.2	12	740.923
SALES COUNTER	6	60	740.134
COAT CLOSET	2	15	740.412
SHAMPOO AREA Size per Sink	2	20	740.135
TOWEL STERILIZER	2	15	740.136
DRYING CHAIR Size per Hair Dryer	1.4	15	740.137

NOTES:

[1] This space provides a unisex and handicap accessible Toilet. Do not provide a separate Staff Toilet if the Barber/Beauty Shop is combined with an Exchange or other Resale/Service facility, instead provide Staff/Public Toilets (listed under Exchange) to service the combined facilities.

INDIVIDUAL SPACE SIZES

COMMUNITY FACILITIES - EXCHANGE-RESALE/SERVICE Property Use Code - 740-10

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>GROCERY STORE</u>			740.140

To Be Sized On An Individual Basis.

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**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - FIRE STATION**

Property Use Code - **730-10**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
APPARATUS ROOM			
Apparatus Bay (Structural)	Table A m2	Table A sf	730.100
Apparatus Bay (Aircraft)	Table B m2	Table B sf	730.101
Turn-out Area (Size per Fire Fighter)	0.8	8	730.102
BATTERY SHOP	5	50	730.103
BREATHING APPARATUS SHOP AND STORAGE	12	120	730.410
CLASSROOM/DAY ROOM	----- [1]	----- [1]	
EXTINGUISHING EQUIPMENT SHOP			
Shop	19	200	730.104
Storage	10	100	730.411
KITCHEN	----- [2]	----- [2]	
LAUNDRY/HOSE DRYING ROOM	24	250	730.105
OFFICES	----- [3]	----- [3]	
WATCH ROOM WITH TOILET	19	200	730.106
WATCHSTANDER BERTHING	----- [4]	----- [4]	

NOTES:

- [1] See the Individual Space Sizes for Educational.
- [2] See the Individual Space Sizes for Dining.
- [3] See the Individual Space Sizes for Administrative.
- [4] See the Individual Spaces Sizes for Bachelor Housing.

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - FIRE STATION**

Property Use Code - **730-10**

**METRIC TABLE A m²
APPARATUS BAY (STRUCTURAL) SPACE REQUIREMENTS**

SPACE CODE
730.100

<u>LENGTH OF FIRE TRUCK (mm)</u>	<u>SIZE (NET m²)</u>	
	<u>DRIVE-THRU</u>	<u>BACK-IN</u>
6096	42	47
7620	50	56
9144	57	64
10668	65	72
12192	72	80
13716	79	89
15240	87	97
16764	94	105
18288	102	114
19812	109	122

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - FIRE STATION**

Property Use Code - **730-10**

**ENGLISH TABLE A sf
APPARATUS BAY (STRUCTURAL) SPACE REQUIREMENTS**

SPACE CODE
730.100

<u>LENGTH OF FIRE TRUCK (ft)</u>	<u>SIZE (NET sf)</u>	
	<u>DRIVE-THRU</u>	<u>BACK-IN</u>
20	450	500
25	530	600
30	610	680
35	690	770
40	770	860
45	850	950
50	930	1040
55	1010	1130
60	1090	1220
65	1170	1310

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - FIRE STATION**

Property Use Code - **730-10**

**METRIC TABLE B m²
APPARATUS BAY (AIRCRAFT) SPACE REQUIREMENTS**

SPACE CODE
730.101

<u>LENGTH OF CRASH TRUCK (mm)</u>	<u>SIZE (NET m²)</u>	
	<u>DRIVE-THRU</u>	<u>BACK-IN</u>
6096	47	52
7620	56	62
9144	64	71
10668	72	80
12192	80	90
13716	89	99
15240	97	108
16764	105	118
18288	114	127
19812	122	136

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - FIRE STATION**

Property Use Code - **730-10**

ENGLISH TABLE B sf
APPARATUS BAY (AIRCRAFT) SPACE REQUIREMENTS

SPACE CODE
730.101

<u>LENGTH OF CRASH TRUCK (ft)</u>	<u>SIZE (NET sf)</u>	
	<u>DRIVE-THRU</u>	<u>BACK-IN</u>
20	500	560
25	600	660
30	680	760
35	770	860
40	860	960
45	950	1060
50	1040	1160
55	1130	1260
60	1220	1360
65	1310	1460

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**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - GATEHOUSE**

Property Use Code - **730-25**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>SENTRY BOOTH</u>			730.251
GUARD BOOTH	5	50	730.252
TOILET [1]	3	30	730.920
<u>SECURITY OFFICE [2]</u>			730.260
GUARDROOM [3]	12	120	730.261
RECEPTION/PASS OFFICE	10	100	730.262
TOILET (Unisex, Handicapped)	5	50	730.921
WAITING AREA	5	50	730.922

NOTES:

[1] None required unless expected watch length exceeds 3 hours, or if the Security Office is provided as part of the Gate House.

[2] These spaces are not required at all Gate Houses.

[3] This space is not required if the facility has a Security Office located elsewhere.

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**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - GYMNASIUM**

Property Use Code - **740-43**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>EXERCISE/ACTIVITY SPACES</u>			740.430
GYMNASIUM FLOOR (This is a multi-use area that can be utilized for Basketball, Volleyball, Badminton, Gymnastics, etc.)	742	7980	740.431
HALF COURT GYMNASIUM FLOOR	436	4690	710.432
GYMNASIUM TELESCOPIC BLEACHERS [1] Size per Seated Spectator [2]	0.3	3	740.433
HANDBALL AND/OR RACQUETBALL COURT Size per First 1000 Participants [3]	75	800	740.434
HANDBALL/RACQUETBALL COURT SPECTATOR AREA Size per First 1000 Participants [3]	10	100	740.435
SAUNA Size per First 1000 Participants [3]	8	80	740.436
STEAM ROOM Size per First 1000 Participants [3]	8	80	740.437
WEIGHT TRAINING AREA (Free Weights, Exercise Equipment, etc.) Size per First 1000 Participants [3]	47	500	740.438
MULTIPURPOSE ROOM Size per First 1000 Participants [3]	47	500	740.439

NOTES:

[1] Size is in addition to the Gymnasium Floor.

[2] Total number of spectators shall be 25% of the total number of participants determined by note [3], and must be justified.

[3] Total number of participants shall be determined by the total number of the permanent party, plus 50% of the non-permanent party, plus 25% of the dependent; unless, historical data of daily participation is documented and justified. Apply Environment Adjustment Factor if the total number of participants exceeds 1000 people; see Table A, page 3G-2.

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - GYMNASIUM**

Property Use Code - **740-43**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>SUPPORT SPACES</u>			740.450
ADMINISTRATION	----- [1]	----- [1]	
GYMNASIUM FLOOR STORAGE Size per First 1000 Participants [2]	19	200	740.440
PUBLIC & STAFF LOCKERS [3], [4] Size per User	0.6	6	740.940
PUBLIC & STAFF TOILET (Includes Showers)	----- [3],[5]	----- [3],[5]	
SPORTS EQUIPMENT ISSUE/STORAGE Size per First 1000 Participants [2]	19	200	740.441

TABLE A
ENVIRONMENTAL ADJUSTMENT FACTORS

<u>SPACE</u>	<u>TOTAL NUMBER OF PARTICIPANTS</u>		
	<u>1 TO 1000</u>	<u>1001 TO 2000</u>	<u>OVER 2000</u>
Gym Floor Storage	1	1.5	2
Multi-Purpose Room	1	1.5	2
Racquetball Court	1	2	3
Racquetball Spectator Area	1	2	3
Sauna	1	1.5	2
Steam Room	1	1.5	2
Sports Equipment Issue/Storage	1	1.5	2
Weight Training Area	1	1.5	2

NOTES:

[1] See the Individual Space Sizes for Administrative.

[2] Total number of participants shall be determined by the total number of the permanent party, plus 50% of the non permanent party, plus 25% of the dependent; unless, historical data of daily participation is documented and justified. Apply Environment Adjustment Factor if the total number of participants exceeds 1000 people; see Table A, page 3G-2.

[3] Total number of users shall be 25% of the total number of participants determined by note [2].

[4] The standard size of a locker is 300 mm wide x 410 mm deep x 1830 mm high (12" wide x 16" deep x 72" high).

[5] See the Individual Space Sizes for Personnel Support.

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - RECREATION CENTER**

Property Use Code - **740-54**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>MULTI-ACTIVITY/EXERCISE SPACES [1]</u>			740.551
LARGE GROUP ACTIVITIES (LGA) ROOM			
Size per User	1.4	15	740.552
This space can be used for special events, dances receptions, exhibits, performances, refreshments and other large group activities.			
LGA Room with Small Gymnasium Floor Minimum Size	326	3500	740.553
This is the minimum size the LGA Room can be when it is combined with a Small Gymnasium Floor (half court basketball, volleyball, etc.).			
LGA Room with Full Gymnasium Floor Minimum Size	651	7000	740.554
This is the minimum size the LGA Room can be when it is combined with a Full Gymnasium Floor (full size basketball court, etc.).			
SMALL GROUP ACTIVITIES ROOM			
Size per User	1.4	15	740.555
One or more rooms may be provided in addition to the Large Group Activity Room for smaller group activities and or meetings.			
<u>GAME ROOMS</u>			740.560
ACTIVE GAMES (Pool Table, Table Tennis)			
Size per User	2	20	740.561
Minimum Size	56	600	740.562
BOARD GAMES (Chess, Cards, etc.)			
Size per User	3	25	740.563
Minimum Size	19	200	740.564

NOTES:

[1] For additional spaces in this category see Exercise/Activity Spaces in the Individual Space Sizes for Community Support - Gymnasium. Do not provide gymnasium type spaces in a recreation facility located at an installation that already has a gymnasium.

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - RECREATION CENTER**

Property Use Code - **740-54**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>CRAFT AND HOBBY SHOPS</u>			740.570
CERAMICS			
Ceramics Shop (Size per user)	5	45	740.571
Kiln Room	14	150	740.572
Project Storage	14	150	740.450
MUSIC ROOM	14	150	740.574
PHOTOGRAPHY			
Dark Room	12	120	740.575
Work Room	10	100	740.576
WOODWORKING			
Woodworking Shop (Size per user)	5	45	740.577
Project Finishing Room	14	150	740.578
Project Storage	14	150	740.451
<u>SUPPORT SPACES</u>			740.580
ADMINISTRATION	----- [1]	----- [1]	
PUBLIC COAT ROOM			
Size per Building User	0.1	1	740.950
CONTROLLED RECEPTION			
Counter	14	150	740.951
Controls building access, issuing recreation equipment, and the selling of craft and hobby items.			
Storage	24	250	740.452
Stores recreation equipment, and crafts and hobby items to be sold.			
DRESSING ROOMS [2]	19	200	740.952

NOTES:

[1] See Individual Space Sizes for Administrative.

[2] Includes space for both male and female dressing room requirements.

**INDIVIDUAL SPACE SIZES
COMMUNITY FACILITIES - RECREATION CENTER**

Property Use Code - **740-54**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>SUPPORT SPACES (CONT.)</u>			740.580
KITCHEN [1]			740.581
Large Group Activities Room			
size per person	0.1	1	740.582
326 m ² [3500 sf] Gymnasium/LGA Room	14	150	740.583
651 m ² [7000 sf] Gymnasium/LGA Room	28	300	740.584
PUBLIC AND STAFF TOILETS	----- [2]	----- [2]	
READING AREA (Magazines, Books)	3	25	740.953
SNACK AREA			740.954
Seating			
size per seat	1.3	13	740.955
Vending Machines (soda, candy)			
size per vending machine	2	20	740.956

NOTES:

- [1] This space is in association with the Large Group Activities Room.
- [2] See Individual Space Sizes for Personnel Support.

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INDIVIDUAL SPACE SIZES

DINING

Property Use Code - 722

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>NON-ESTABLISHED MESS</u>			722.001
(No Subsistence Specialist Personnel are Required)			
<u>DINING FOR 8 PEOPLE OR LESS [1]</u>			722.002
MESS DECK [2]			722.003
Dining Area (8 seats @ 1.4 m2 (15 sf) per seat)	12	120	722.004
GALLEY			722.005
Kitchenette	12	120	722.006
Pantry	3	30	722.400
<u>ESTABLISHED MESS</u>			722.030
(Subsistence Specialist Personnel are assigned)			
<u>DINING FOR 9 - 26 PEOPLE [1]</u>			722.050
MESS DECK [2]			722.051
Dining Area (24 seats @ 1.4 m2 (15 sf) per seat)	34	360	722.052
GALLEY			722.053
Inventory Workstation	5	45	722.054
Janitor's Closet	3	25	722.810
Preparation/Cooking/Baking	26	270	722.055
Dishwashing/Potwashing	10	100	722.056
Serving Area	13	140	722.057
Staff Toilet (lockable)	4	40	722.910
Storage	12	120	722.411
<u>DINING FOR 27 - 40 PEOPLE [1]</u>			722.100
MESS DECK [2]			722.101
Coats	2	20	722.921
Dining Area (32 seats @ 1.4 m2 (15 sf) per seat)	45	480	722.102
Foyer	3	30	722.922
GALLEY			722.103
Inventory Workstation	5	45	722.104
Janitor's Closet	3	25	722.821
Preparation/Cooking/Baking	26	270	722.105
Dishwashing/Potwashing	10	100	722.106
Serving Area	13	140	722.107
Staff Toilet (lockable)	4	40	722.923
Storage	12	120	722.422

NOTES:

[1] To calculate the number of diners use 75% of the unit personnel allowance.

[2] Multiple number of sittings may be required to serve all users.

INDIVIDUAL SPACE SIZES
DINING

Property Use Code - 722

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>DINING FOR 41 - 80 PEOPLE [1]</u>			722.150
<u>MESS DECK [2]</u>			722.151
Coats	3	30	722.934
Dining Area (36 seats @ 1.4 m2 (15 sf) per seat)	51	540	722.152
Foyer	8	80	722.935
Public Toilets	17	180	722.936
<u>GALLEY</u>			722.153
Can Wash	3	30	722.154
Dishwashing	17	175	722.155
Dry Storage	9	95	722.433
Inventory Workstation	7	75	722.157
Janitor's Closet	3	30	722.832
Potwashing	9	90	722.158
Preparation/Cooking/Baking	33	345	722.159
Receiving/Issue	13	135	722.160
Refrigerator/Freezer	11	110	722.161
Serving Area	76	810	722.162
Staff Toilets/Lockers	9	95	722.937
<u>DINING FOR 81 - 150 PEOPLE [1]</u>			722.200
<u>MESS DECK [2]</u>			722.201
Coats	5	50	722.948
Dining Area (50 seats @ 1.4 m2 (15 sf) per seat)	70	750	722.203
Lobby	14	150	722.949
Public Toilets	20	210	722.940
<u>GALLEY</u>			722.204
Can Wash	3	30	722.205
Dishwashing	22	230	722.206
Dry Storage	13	130	722.444
Inventory Workstation	7	75	722.208
Janitor's Closet	3	30	722.843
Loading Area (exterior, 12 m2 [125 sf] minimum)			722.844
Potwashing	17	175	722.209
Preparation/Cooking/Baking	43	460	722.210
Receiving/Issue	17	180	722.211
Refrigerator/Freezer	17	180	722.212
Serving Area	85	915	722.213
Staff Toilets/Lockers	11	110	722.941

NOTES:

[1] To calculate the number of diners use 75% of the unit personnel allowance.

[2] Multiple number of sittings may be required to serve all users.

INDIVIDUAL SPACE SIZES
DINING

Property Use Code - 722

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>DINING FOR 151 - 250 PEOPLE [1]</u>			722.250
<u>MESS DECK [2]</u>			722.251
Coats	8	85	722.952
Dining Area (84 seats @ 1.4 m2 (15 sf) per seat)	118	1260	722.252
Lobby	20	210	722.953
Public Toilets	23	240	722.954
<u>GALLEY</u>			722.253
Can Wash	3	30	722.254
Dishwashing	38	405	722.255
Dry Storage	18	185	722.455
Inventory Workstation	7	75	722.257
Janitor's Closet	6	60	722.855
Loading Area (exterior, 21 m2 [220 sf] minimum)			722.856
Potwashing	18	185	722.258
Preparation/Cooking/Baking	80	860	722.259
Receiving/Issue	19	200	722.260
Refrigerator/Freezer	20	210	722.261
Serving Area	99	1065	722.262
Staff Toilets/Lockers	12	120	722.955
<u>DINING FOR 251 - 400 PEOPLE [1]</u>			722.300
<u>MESS DECK [2]</u>			722.301
Coats	13	135	722.966
Dining Area (134 seats @ 1.4 m2 (15 sf) per seat)	188	2010	722.302
Lobby	26	270	722.967
Public Toilets	26	270	722.968
<u>GALLEY</u>			722.303
Can Wash	3	30	722.304
Cold Food Assembly	10	105	722.305
Cooking/Baking	66	705	722.306
Dishwashing	41	440	722.307
Dry Storage	21	220	722.466
Fruit and Vegetable Preparation	11	110	722.309
Inventory Workstation	12	120	722.310
Janitor's Closet	6	60	722.867

NOTES:

[1] To calculate the number of diners use 75% of the unit personnel allowance.

[2] Multiple number of sittings may be required to serve all users.

INDIVIDUAL SPACE SIZES
DINING

Property Use Code - 722

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>DINING FOR 251 - 400 PEOPLE [1] (CONT.)</u>			722.300
<u>GALLEY (CONT.)</u>			722.303
Loading Area (exterior, 21 m2 [220 sf] minimum)			722.868
Potwashing	19	195	722.311
Receiving/Issue	22	230	722.312
Refrigerator/Freezer	26	270	722.313
Serving Area	118	1265	722.314
Staff Toilets/Lockers	14	150	722.969
<u>DINING FOR 401 - 650 PEOPLE [1]</u>			722.350
<u>MESS DECK [2]</u>			722.351
Coats	21	220	722.970
Dining Area (216 seats @ 1.4 m2 (15 sf) per seat)	303	3240	722.352
Janitor's Closet	3	30	722.879
Lobby	42	450	722.971
Public Toilets	31	330	722.972
<u>GALLEY</u>			722.353
Can Wash	5	45	722.354
Cold Food Assembly	14	150	722.355
Cooking/Baking	70	750	722.356
Dishwashing	51	545	722.357
Dry Storage	25	265	722.477
Fruit and Vegetable Preparation	12	120	722.359
Inventory Workstation	14	150	722.360
Janitor's Closet	6	60	722.870
Loading Area (exterior, 21 m2 [220 sf] minimum)			722.871
Potwashing	18	190	722.361
Receiving/Issue	25	260	722.362
Refrigerator/Freezer	36	380	722.363
Serving Area	150	1610	722.364
Staff Toilets/Lockers	19	200	722.973
Waste Holding Area (exterior, 12 m2 [120 sf] minimum)			722.872

NOTES:

[1] To calculate the number of diners use 75% of the unit personnel allowance.

[2] Multiple number of sittings may be required to serve all users.

INDIVIDUAL SPACE SIZES
DINING

Property Use Code - 722

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>DINING FOR 651 - 1000 PEOPLE [1]</u>			722.500
<u>MESS DECK [2]</u>			722.501
Coats	32	335	722.984
Dining Area (334 seats @ 1.4 m2 (15 sf) per seat)	468	5010	722.502
Janitor's Closet	3	30	722.883
Lobby	68	730	722.985
Public Toilets	37	390	722.986
<u>GALLEY</u>			722.503
Can Wash	6	60	722.504
Cold Food Assembly	18	190	722.505
Cooking/Baking	110	1175	722.506
Dishwashing	81	870	722.507
Dry Storage	33	345	722.488
Fruit and Vegetable Preparation	14	150	722.509
Inventory Workstation	14	150	722.510
Janitor's Closet	9	90	722.884
Loading Area (exterior, 21 m2 [220 sf] minimum)			722.885
Potwashing	20	215	722.511
Receiving/Issue	26	270	722.512
Refrigerator/Freezer	43	455	722.513
Serving Area	205	2200	722.514
Staff Toilets/Lockers	20	210	722.987
Waste Holding Area (exterior, 13 m2 [140 sf] minimum)			722.886

NOTES:

[1] To calculate the number of diners use 75% of the unit personnel allowance.

[2] Multiple number of sittings may be required to serve all users.

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<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>INSTRUCTIONAL SPACE</u>			171.001
ACADEMIC CLASSROOM			
12 students or less	28	300	171.003
13 to 24 students	56	600	171.004
25 to 36 students	84	900	171.005
Provides standard desks and chairs, for taking notes. (lectures, presentation, films, etc.)			
ACADEMIC CLASSROOM (MODIFIED)			
12 students or less	56	600	171.007
13 to 24 students	112	1200	171.008
Provides large size tables or other working surfaces in lieu of standard desks. (drafting tables, chart tables, or when a large set of operating manuals are required at each desk, etc.)			
APPLIED INSTRUCTION CLASSROOM			
12 students or less	56	600	171.010
13 to 24 students	112	1200	171.011
Provides individual work bench space for hands-on assembly and disassembly of small training aids.			
CLASSROOM (OPERATIONAL COMMAND) [1]			
Size per Required Student Station	2	20	171.013
Minimum Size	28	300	171.014
Maximum Size	45	480	171.015
Used by the command for refresher courses, and by augmenting reserve units, etc.			
CLASSROOM (RECRUIT) [2]	336	3600	171.016
Provides a work surface and chair for each recruit. This classroom module is used in recruit bachelor housing facilities only.			

NOTES:

[1] This space is provided only at commands that can justify a training requirement.

[2] Includes two 168 m² [1800 sf] back to back instructional areas for 120 recruits.

**INDIVIDUAL SPACE SIZES
EDUCATIONAL**

Property Use Code - 171

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>INSTRUCTIONAL SPACE (CONT.)</u>			171.001
HANDS-ON MOCK-UP [1]			171.017
12 students or less		see page 5-4	
13 to 24 students		see page 5-4	
Provides stationary mock-ups (one or more training devices representing all or part of an operating system) for hands-on training. The students will train from outside the mock-up (as opposed to a simulator),			
LABORATORY			
12 students or less	70	750	171.019
13 to 24 students	140	1500	171.020
Provides individual work space which requires a safety zone, special ventilation, electric power, and plumbing.			
LEARNING CENTER/SELF PACED			
Size per Study Carrel	5	45	171.022
Provides individual study carrels designed for reading or equipped with audiovisual training media.			
LECTURE HALL			
Size per User	1	10	171.024
Minimum Size	112	1200	171.025
Provides individual fixed seats on a sloped floor, for use by large groups. A Lecture Hall does not include stage or back stage areas.			
SEMINAR ROOM			
6 or less persons	14	150	171.027
7 to 12 persons	28	300	171.028
Small classroom in which a circular seating pattern is desirable. (conferences, seminars, discussion groups, etc.)			

NOTES:

[1] Hands-on Mock-up Spaces and Laboratory Spaces can be combined with an Academic Classroom when Hands-on Mock-up Classroom or Laboratory classroom are desired.

**INDIVIDUAL SPACE SIZES
EDUCATIONAL**

Property Use Code - 171

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>INSTRUCTIONAL SPACE (CONT.)</u>			171.001
SIMULATOR A full scale apparatus (aircraft cockpit, ship bridge, etc.) that generates test conditions reproducing phenomena likely to occur in actual operating conditions and allowing the student(s) to react to those conditions. The students will receive training from inside the simulator. The simulator requires support equipment, external circulation, and additional space for students waiting to use the simulator.		sized according to individual requirements	171.029
<u>SUPPORT SPACE</u>			171.050
A/V MATERIAL DEVELOPMENT/COPY ROOM [1] (Provide one room per 30 instructors)	24	250	171.051
INSTRUCTOR'S COUNSELING ROOM (Provide one room per 10 instructors)	14	150	171.052
INSTRUCTOR'S LOUNGE			
Size per Instructor	2	20	171.950
Minimum Size	14	150	171.951
INSTRUCTOR'S REHEARSAL ROOM (Provide one room per 30 instructors)	28	300	171.056
INSTRUCTOR'S OFFICE SPACE	----- [2]	----- [2]	
LIBRARY			171.057
Reading Area (size per user)	3	25	171.058
Stack Area (size per 100 volumes)	1	10	171.059
Staff Area	----- [2]	----- [2]	
Video/Film Storage (size per 50 reels or cassettes)	1	10	171.060
Video/Film Viewing Area	10	100	171.061
RECRUIT AUDIOVISUAL STORAGE [3] Size per Recruit Classroom Module	14	150	171.450

NOTES:

[1] Large A/V Materials Development Centers, to be used by more than one instructional building, must be justified and submitted on an individual basis.

[2] See Individual Space Sizes for Administrative.

[3] This space is required only in a recruit bachelor housing facility.

**INDIVIDUAL SPACE SIZES
EDUCATIONAL**

Property Use Code - 171

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>SUPPORT SPACE (CONT.)</u>			171.001
RECRUIT CLASSROOM STORAGE [1] Size per Recruit Classroom Module	24	250	171.451
STUDENT BREAK AREA Size per 10m ² [100 sf] of Classroom Area	1	10	171.952
Minimum Size	14	150	171.953
TRAINING AID STORAGE [2] Size per Student	0.2	2	171.452
<u>HANDS-ON MOCK-UP</u>			171.069

DISCUSSION:

Use the formulas below to calculate the size (NET AREA) of a mock-up for hands-on training. The formulas are based on two variables, the size of the mock-up equipment to be used, and the number of mock-ups required.

UNKNOWN:

"A" = The size (NET AREA) of one mock-up to be used in the hands-on training.

"B" = The number of mock-ups required.

FORMULAS:

12 students or less (NET AREA) = (A x B x 2) + 12m² [120 sf]

13 to 24 students (NET AREA) = (A x B x 2) + 23m² [240 sf]

NOTE:

[1] This space is required only in a recruit bachelor housing facility.

[2] Additional storage (justified on an individual basis) may be required when exceptionally large training aids are stored.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

DISCUSSION: Due to the nature of the Facilities Support spaces, the spaces within this component are based on a total PARTIAL NET AREA (PNA) of the facility. To determine the PNA first list all of the required spaces and their sizes to be included within the facility by using the other nine Individual Space Sizes Components (do not include the spaces listed in this Component). Adding the Net m2 (Net sf) of all the listed spaces provides the Partial Net Area.

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>MECHANICAL EQUIPMENT SPACE (HEATING ONLY)</u>		800.001	
AIRCRAFT REPAIR SHOPS			
Without Hangar Deck	Table A m2	Table A sf	800.002
With Hangar Deck	Table B m2	Table B sf	800.003
AIR STATION			
Without Hangar Deck	Table A m2	Table A sf	800.002
With Hangar Deck	Table B m2	Table B sf	800.003
APPLIED INSTRUCTION (TRAINING)	Table A m2	Table A sf	800.002
ATON REPAIR SHOPS	Table A m2	Table A sf	800.002
AUTO HOBBY SHOPS	Table A m2	Table A sf	800.002
BEQ/BOQ	Table A m2	Table A sf	800.002
BOAT REPAIR SHOPS	Table A m2	Table A sf	800.002
CHAPEL	Table C m2	Table C sf	800.004
CLUBS	Table C m2	Table C sf	800.004
EXCHANGE-RESALE/SERVICE	Table C m2	Table C sf	800.004
FACILITIES ENGINEERING SHOPS	Table A m2	Table A sf	800.002
FIRE STATION	Table A m2	Table A sf	800.002
GALLEY/MESS DECK	Table C m2	Table C sf	800.004
GYMNASIUM	Table C m2	Table C sf	800.004
MARINE SAFETY OPERATIONS	Table A m2	Table A sf	800.002
MEDICAL/DENTAL	Table C m2	Table C sf	800.004
MULTI-MISSION STATION	Table A m2	Table A sf	800.002
OFFICE	Table A m2	Table A sf	800.002
RECREATION CENTER	Table C m2	Table C sf	800.004

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - 800

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>MECHANICAL EQUIPMENT SPACE (HEATING AND AIR CONDITIONING)</u>			800.005
AIRCRAFT REPAIR SHOPS			
Without Hangar Deck	Table D m2	Table D sf	800.006
With Hangar Deck [1]	Table A m2	Table A sf	800.002
AIR STATION			
Without Hangar Deck	Table D m2	Table D sf	800.006
With Hangar Deck [1]	Table A m2	Table A sf	800.002
APPLIED INSTRUCTION (TRAINING)	Table D m2	Table D sf	800.006
ATON REPAIR SHOPS	Table D m2	Table D sf	800.006
AUTO HOBBY SHOPS	Table D m2	Table D sf	800.006
BEQ/BOQ	Table D m2	Table D sf	800.006
BOAT REPAIR SHOPS	Table D m2	Table D sf	800.006
CHAPEL	Table C m2	Table C sf	800.004
CLUBS	Table C m2	Table C sf	800.004
EXCHANGE-RESALE/SERVICE	Table C m2	Table C sf	800.004
FACILITIES ENGINEERING SHOPS	Table D m2	Table D sf	800.006
FIRE STATION	Table D m2	Table D sf	800.006
GALLEY/MESS DECK	Table C m2	Table C sf	800.004
GYMNASIUM	Table C m2	Table C sf	800.004
MARINE SAFETY OPERATIONS	Table D m2	Table D sf	800.006
MEDICAL/DENTAL	Table C m2	Table C sf	800.004
MULTI-MISSION STATION	Table D m2	Table D sf	800.006
OFFICE	Table D m2	Table D sf	800.006
RECREATION CENTER	Table C m2	Table C sf	800.004

NOTES:

[1] The Hangar Deck will not be air conditioned.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>ADDITIONAL EQUIPMENT SPACES</u>			800.010
ACTIVE SOLAR EQUIPMENT SPACE	Table E m ²	Table E sf	800.011
ELECTRICAL EQUIPMENT SPACE	Table F m ²	Table F sf	800.012
EMERGENCY GENERATOR SPACE			
Life Safety Generator [1]	17	180	800.020
Standby Generator [2]			
50 to 115 KW	26	270	800.021
125 to 205 KW	28	300	800.022
210 to 320 KW	30	320	800.023
350 to 545 KW	34	360	800.024
FIRE SUPPRESSION EQUIPMENT SPACE			
Air Station or Aircraft Repair Shop			
Without Hangar Deck	10	100	800.030
With Hangar Deck (Foam Deluge System)			
(size for foam storage)	28	300	800.031
(size for foam storage if pump room is required)	30	320	800.032
For All Other Building Types [3]	10	100	800.033
TELECOMMUNICATIONS EQUIPMENT ROOM [4], [5]	14	150	800.040
TELECOMMUNICATIONS SATELITE SPACE [5]	Table G m ²	Table G sf	800.041
(Use Table G when the Administrative Component spaces are 50% or less than the total PNA)			
TELECOMMUNICATIONS SATELITE SPACE [5]	Table H m ²	Table H sf	800.042
(Use Table H when the Administrative Component spaces are more than 50% of the total PNA)			

NOTES:

[1] This space is justified only when an emergency power generator is needed to meet Life Safety Codes (for elevators, fire pumps etc.)

[2] A standby generator is justified when emergency power is required to meet an Operational need, any emergency power requirements to meet Life Safety Codes in the building can be included with this generator.

[3] This space is required only when the entire building will be protected by a fire suppression system, partial fire suppression systems are already accounted for in the Mechanical Equipment space.

[4] This space provides communications support for 75 users.

[5] This space provides FIPS support and is to be provided in addition to the Telephone Equipment Space.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>ADDITIONAL EQUIPMENT SPACES (CONT.)</u>			800.010
TELEPHONE EQUIPMENT SPACE (Use Table I when the Administrative Component spaces are 50% or less than the total PNA)	Table I m ²	Table I sf	800.043
TELEPHONE EQUIPMENT SPACE (Use Table J when the Administrative Component spaces are more than 50% of the total PNA)	Table J m ²	Table J sf	800.044
<u>OTHER FACILITIES SUPPORT SPACES</u>			800.050
<u>CENTRAL MAIL ROOM</u>			
929 m ² PNA to 2787 m ² [10,000 sf to 30,000 sf]	8	80	900.045
2788 m ² PNA [30,001 sf PNA] and above	10	100	900.046
ELECTRIC WATER COOLER AREA	1	10	800.051
GENERAL BUILDING STORAGE	Table K m ²	Table K sf	800.400
JANITOR'S CLOSET/STORAGE [1] Size Per Every 930 m ² PNA [10,000 sf PNA]	6	60	800.401
<u>LOADING</u>			
Less Than 4646 m ² PNA [50,000 sf PNA]	8	80	800.052
4646 m ² PNA [50,000 sf PNA] and above	15	160	800.053
<u>SUPPLY RECEIVING AREA</u>			
Less Than 4646 m ² PNA [50,000 sf PNA]	10	100	800.054
4646 m ² PNA [50,000 sf PNA] and above	17	180	800.055

NOTES:

[1] The PNA may have to be adjusted for this space. If the PNA includes any Net Area for Hangar Deck or Gym floor spaces, subtract them from the PNA to get the adjusted PNA. The Hangar Deck and Gym floor spaces will not be serviced by this space and are not included in the PNA.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**METRIC TABLE A m²
MECHANICAL EQUIPMENT SPACE REQUIREMENTS [1]**

SPACE CODE
800.002

<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>	<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>
PNA to 93	4 [2]	1,859 to 2,044	46
94 to 139	6	2,045 to 2,230	50
140 to 186	7	2,231 to 2,415	53
187 to 232	9	2,416 to 2,601	58
233 to 279	11	2,602 to 2,728	61
280 to 372	13	2,729 to 2,973	65
373 to 465	16	2,974 to 3,159	68
466 to 557	18	3,160 to 3,345	72
558 to 650	20	3,346 to 3,530	75
651 to 743	21	3,531 to 3,716	78
744 to 836	22	3,717 to 4,181	86
837 to 929	23	4,182 to 4,645	95
930 to 1,115	26	4,646 to 5,110	104
1,116 to 1,301	30	5,111 to 5,574	112
1,302 to 1,486	34	Above 5,574	112 m ² plus 10 m ² for each PNA increase of 465 m ²
1,487 to 1,672	37		
1,673 to 1,858	41		

NOTES:

[1] If the number of Degree Days System International (DDSI) for the location of the facility is 3333 to 4444 DDSI multiply this size by 1.2, if the number of DDSI are over 4444 multiply this size by 1.3.

[2] Some Building Types in this PNA range will utilize electric heat and not require a Mechanical Room.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**ENGLISH TABLE A sf
MECHANICAL EQUIPMENT SPACE REQUIREMENTS [1]**

SPACE CODE
800.002

<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>	<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>
PNA to 1,000	40 [2]	20,001 to 22,000	485
1,000 to 1,500	60	22,001 to 24,000	530
1,501 to 2,000	75	24,001 to 26,000	570
2,000 to 2,500	95	26,001 to 28,000	615
2,501 to 3,000	115	28,001 to 30,000	655
3,001 to 4,000	140	30,001 to 32,000	690
4,001 to 5,000	165	32,001 to 34,000	730
5,001 to 6,000	190	34,001 to 36,000	765
6,001 to 7,000	210	36,001 to 38,000	800
7,001 to 8,000	220	38,001 to 40,000	830
8,001 to 9,000	230	40,001 to 45,000	925
9,001 to 10,000	240	45,001 to 50,000	1020
10,001 to 12,000	280	50,001 to 55,000	1110
12,001 to 14,000	320	55,001 to 60,000	1200
14,001 to 16,000	360	Above 60,000	1200 sf plus 100 sf for each PNA increase of 5,000 sf
16,001 to 18,000	395		
18,001 to 20,000	440		

NOTES:

[1] If the number of Degree Days conventional (DD) of the facility is 6000 to 8000 DD multiply this size by 1.2, if the number of DD are over 8000 multiply this size by 1.3.

[2] Some Building Types in this PNA range will utilize electric heat and not require a Mechanical Room.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**METRIC TABLE B m²
MECHANICAL EQUIPMENT SPACE REQUIREMENTS [1]**

SPACE CODE
800.003

<u>PNA</u>	<u>SPACE SIZE</u> (NET m ²)	<u>PNA</u>	<u>SPACE SIZE</u> (NET m ²)
PNA to 93	4 [2]	1,859 to 2,044	34
94 to 139	5	2,045 to 2,230	37
140 to 186	6	2,231 to 2,415	40
187 to 232	8	2,416 to 2,601	43
233 to 279	10	2,602 to 2,728	46
280 to 372	12	2,729 to 2,973	48
373 to 465	13	2,974 to 3,159	51
466 to 557	15	3,160 to 3,345	54
558 to 650	16	3,346 to 3,530	56
651 to 743	17	3,531 to 3,716	59
744 to 836	17	3,717 to 4,181	65
837 to 929	17	4,182 to 4,645	72
930 to 1,115	20	4,646 to 5,110	78
1,116 to 1,301	21	5,111 to 5,574	84
1,302 to 1,486	26	Above 5,574	84 m ² plus 7 m ² for each PNA increase of 465 m ²
1,487 to 1,672	27		
1,673 to 1,858	31		

NOTES:

[1] If the number of Degree Days System International (DDSI) for the location of the facility is 3333 to 4444 DDSI multiply this size by 1.2, if the number of DDSI are over 4444 multiply this size by 1.3.

[2] Some Building Types in this PNA range will utilize electric heat and not require a Mechanical Room.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**ENGLISH TABLE B sf
MECHANICAL EQUIPMENT SPACE REQUIREMENTS [1]**

SPACE CODE
800.003

<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>	<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>
PNA to 1,000	35 [2]	20,001 to 22,000	365
1,000 to 1,500	50	22,001 to 24,000	395
1,501 to 2,000	65	24,001 to 26,000	430
2,000 to 2,500	85	26,001 to 28,000	460
2,501 to 3,000	100	28,001 to 30,000	490
3,001 to 4,000	120	30,001 to 32,000	515
4,001 to 5,000	140	32,001 to 34,000	545
5,001 to 6,000	155	34,001 to 36,000	575
6,001 to 7,000	170	36,001 to 38,000	600
7,001 to 8,000	175	38,001 to 40,000	625
8,001 to 9,000	180	40,001 to 45,000	695
9,001 to 10,000	185	45,001 to 50,000	765
10,001 to 12,000	215	50,001 to 55,000	835
12,001 to 14,000	235	55,001 to 60,000	900
14,001 to 16,000	270	Above 60,000	900 sf plus 75 sf for each PNA increase of 5,000 sf
16,001 to 18,000	295		
18,001 to 20,000	330		

NOTES:

[1] If the number of Degree Days conventional (DD) of the facility is 6000 to 8000 DD multiply this size by 1.2, if the number of DD are over 8000 multiply this size by 1.3.

[2] Some Building Types in this PNA range will utilize electric heat and not require a Mechanical Room.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**METRIC TABLE C m²
MECHANICAL EQUIPMENT SPACE REQUIREMENTS [1]**

SPACE CODE
800.004

<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>	<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>
PNA to 93	7 [2]	1,859 to 2,044	113
94 to 139	11	2,045 to 2,230	123
140 to 186	14	2,231 to 2,415	133
187 to 232	17	2,416 to 2,601	144
233 to 279	20	2,602 to 2,728	152
280 to 372	26	2,729 to 2,973	161
373 to 465	31	2,974 to 3,159	170
466 to 557	36	3,160 to 3,345	178
558 to 650	41	3,346 to 3,530	186
651 to 743	46	3,531 to 3,716	194
744 to 836	50	3,717 to 4,181	216
837 to 929	53	4,182 to 4,645	237
930 to 1,115	64	4,646 to 5,110	259
1,116 to 1,301	73	5,111 to 5,574	279
1,302 to 1,486	83	Above 5,574	279 m ² plus 24 m ² for each PNA increase of 465 m ²
1,487 to 1,672	92		
1,673 to 1,858	103		

NOTES:

[1] If the number of Degree Days System International (DDSI) for the location of the facility is 3333 to 4444 DDSI multiply this size by 1.2, if the number of DDSI are over 4444 multiply this size by 1.3.

[2] Some Building Types in this PNA range will utilize electric heat and not require a Mechanical Room.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**ENGLISH TABLE C sf
MECHANICAL EQUIPMENT SPACE REQUIREMENTS [1]**

SPACE CODE
800.004

<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>	<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>
PNA to 1,000	70 [2]	20,001 to 22,000	1210
1,000 to 1,500	110	22,001 to 24,000	1320
1,501 to 2,000	145	24,001 to 26,000	1430
2,000 to 2,500	180	26,001 to 28,000	1540
2,501 to 3,000	215	28,001 to 30,000	1635
3,001 to 4,000	270	30,001 to 32,000	1725
4,001 to 5,000	330	32,001 to 34,000	1820
5,001 to 6,000	385	34,001 to 36,000	1910
6,001 to 7,000	440	36,001 to 38,000	1995
7,001 to 8,000	485	38,001 to 40,000	2080
8,001 to 9,000	530	40,001 to 45,000	2320
9,001 to 10,000	570	45,001 to 50,000	2550
10,001 to 12,000	680	50,001 to 55,000	2780
12,001 to 14,000	780	55,001 to 60,000	3000
14,001 to 16,000	885	Above 60,000	3000 sf plus 250 sf for each PNA increase of 5,000 sf
16,001 to 18,000	990		
18,001 to 20,000	1100		

NOTES:

[1] If the number of Degree Days conventional (DD) of the facility is 6000 to 8000 DD multiply this size by 1.2, if the number of DD are over 8000 multiply this size by 1.3.

[2] Some Building Types in this PNA range will utilize electric heat and not require a Mechanical Room.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**METRIC TABLE D m²
MECHANICAL EQUIPMENT SPACE REQUIREMENTS [1]**

SPACE CODE
800.006

<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>	<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>
PNA to 93	5 [2]	1,859 to 2,044	72
94 to 139	7	2,045 to 2,230	78
140 to 186	10	2,231 to 2,415	85
187 to 232	12	2,416 to 2,601	91
233 to 279	18	2,602 to 2,728	96
280 to 372	21	2,729 to 2,973	102
373 to 465	24	2,974 to 3,159	106
466 to 557	27	3,160 to 3,345	111
558 to 650	29	3,346 to 3,530	115
651 to 743	31	3,531 to 3,716	119
744 to 836	34	3,717 to 4,181	132
837 to 929	35	4,182 to 4,645	144
930 to 1,115	41	4,646 to 5,110	157
1,116 to 1,301	47	5,111 to 5,574	168
1,302 to 1,486	53	Above 5,574	168 m ² plus 14 m ² for each PNA increase of 465 m ²
1,487 to 1,672	59		
1,673 to 1,858	65		

NOTES:

[1] If the number of Degree Days System International (DDSI) for the location of the facility is 3333 to 4444 DDSI multiply this size by 1.2, if the number of DDSI are over 4444 multiply this size by 1.3.

[2] Some Building Types in this PNA range will utilize electric heat and not require a Mechanical Room.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**ENGLISH TABLE D sf
MECHANICAL EQUIPMENT SPACE REQUIREMENTS [1]**

SPACE CODE
800.006

<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>	<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>
PNA to 1,000	50 [2]	20,001 to 22,000	770
1,000 to 1,500	70	22,001 to 24,000	840
1,501 to 2,000	100	24,001 to 26,000	910
2,000 to 2,500	125	26,001 to 28,000	980
2,501 to 3,000	185	28,001 to 30,000	1035
3,001 to 4,000	220	30,001 to 32,000	1090
4,001 to 5,000	255	32,001 to 34,000	1140
5,001 to 6,000	285	34,001 to 36,000	1190
6,001 to 7,000	310	36,001 to 38,000	1235
7,001 to 8,000	330	38,001 to 40,000	1280
8,001 to 9,000	350	40,001 to 45,000	1420
9,001 to 10,000	370	45,001 to 50,000	1550
10,001 to 12,000	440	50,001 to 55,000	1680
12,001 to 14,000	500	55,001 to 60,000	1800
14,001 to 16,000	565	Above 60,000	1800 sf plus 150 sf for each PNA increase of 5,000 sf
16,001 to 18,000	630		
18,001 to 20,000	700		

NOTES:

[1] If the number of Degree Days conventional (DD) of the facility is 6000 to 8000 DD multiply this size by 1.2, if the number of DD are over 8000 multiply this size by 1.3.

[2] Some Building Types in this PNA range will utilize electric heat and not require a Mechanical Room.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - 800

**METRIC TABLE E m²
ACTIVE SOLAR EQUIPMENT SPACE REQUIREMENTS**

SPACE CODE
800.011

<u>PNA</u>	<u>SPACE SIZE</u> (NET m ²)	<u>PNA</u>	<u>SPACE SIZE</u> (NET m ²)
PNA to 93	2 [1]	1,859 to 2,044	20
94 to 139	3	2,045 to 2,230	23
140 to 186	4	2,231 to 2,415	25
187 to 232	5	2,416 to 2,601	26
233 to 279	6	2,602 to 2,728	28
280 to 372	7	2,729 to 2,973	30
373 to 465	8	2,974 to 3,159	32
466 to 557	10	3,160 to 3,345	34
558 to 650	11	3,346 to 3,530	36
651 to 743	11	3,531 to 3,716	38
744 to 836	12	3,717 to 4,181	42
837 to 929	12	4,182 to 4,645	47
930 to 1,115	13	4,646 to 5,110	52
1,116 to 1,301	14	5,111 to 5,574	56
1,302 to 1,486	16	Above 5,574	56 m ² plus 5 m ² for each PNA increase of 465 m ²
1,487 to 1,672	17		
1,673 to 1,858	19		

NOTES:

[1] Some Building Types in this PNA range will utilize electric heat and not require a Mechanical Room.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**ENGLISH TABLE E sf
ACTIVE SOLAR EQUIPMENT SPACE REQUIREMENTS**

SPACE CODE
800.011

<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>	<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>
PNA to 1,000	20 [1]	20,001 to 22,000	220
1,000 to 1,500	30	22,001 to 24,000	240
1,501 to 2,000	40	24,001 to 26,000	260
2,000 to 2,500	50	26,001 to 28,000	280
2,501 to 3,000	60	28,001 to 30,000	300
3,001 to 4,000	75	30,001 to 32,000	320
4,001 to 5,000	85	32,001 to 34,000	340
5,001 to 6,000	100	34,001 to 36,000	360
6,001 to 7,000	110	36,001 to 38,000	380
7,001 to 8,000	115	38,001 to 40,000	400
8,001 to 9,000	120	40,001 to 45,000	450
9,001 to 10,000	125	45,001 to 50,000	500
10,001 to 12,000	140	50,001 to 55,000	550
12,001 to 14,000	155	55,001 to 60,000	600
14,001 to 16,000	170	Above 60,000	600 sf plus 50 sf for each PNA increase of 5,000 sf
16,001 to 18,000	185		
18,001 to 20,000	200		

NOTES:

[1] Some Building Types in this PNA range will utilize electric heat and not require a Mechanical Room.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

METRIC TABLE F m²

ELECTRICAL EQUIPMENT SPACE REQUIREMENTS

SPACE CODE

800.012

<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>	<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>
PNA to 465	---- [1]	5,018 to 5,853	38
466 to 836	1 [2]	5,854 to 6,689	42
837 to 1,672	2 [2]	6,690 to 7,525	47
1,673 to 2,508	5	7,526 to 8,361	52
2,509 to 3,345	10	8,362 to 9,290	56
3,346 to 4,181	19	Above 9,290	56 m ² plus 5 m ² for each PNA increase of 929 m ²
4,182 to 5,017	28		

ENGLISH TABLE F sf

ELECTRICAL EQUIPMENT SPACE REQUIREMENTS

SPACE CODE

800.012

<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>	<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>
PNA to 5,000	----- [1]	54,001 to 63,000	400
5,000 to 9,000	10 [2]	63,001 to 72,000	450
9,001 to 18,000	20 [2]	72,001 to 81,000	500
18,001 to 27,000	50	81,001 to 90,000	550
27,001 to 36,000	100	90,001 to 100,000	600
36,001 to 45,000	200	Above 100,000	600 sf plus 50 sf for each PNA increase of 10,000 sf
45,001 to 54,000	300		

NOTES:

[1] The Electrical Equipment space requirements for this PNA range are already included in the Mechanical Equipment Space.

[2] This space may be added to the Mechanical Equipment space.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**METRIC TABLE G m²
TELECOMMUNICATIONS SATELITE SPACE**

SPACE CODE
800.041

<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>	<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>
PNA to 465	1	5,018 to 5,853	5
466 to 836	2	5,854 to 6,689	5
837 to 1,672	2	6,690 to 7,525	6
1,673 to 2,508	3	7,526 to 8,361	6
2,509 to 3,345	3	8,362 to 9,290	6
3,346 to 4,181	4	Above 9,290	6 m ² plus 1 m ² for each PNA increase of 1850 m ²
4,182 to 5,017	4		

**ENGLISH TABLE G sf
TELECOMMUNICATIONS SATELITE SPACE**

SPACE CODE
800.041

<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>	<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>
PNA to 5,000	10	54,001 to 63,000	45
5,000 to 9,000	15	63,001 to 72,000	50
9,001 to 18,000	20	72,001 to 81,000	55
18,001 to 27,000	25	81,001 to 90,000	60
27,001 to 36,000	30	90,001 to 100,000	65
36,001 to 45,000	35	Above 100,000	65 sf plus 5 sf for each PNA increase of 20,000 sf
45,001 to 54,000	40		

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**METRIC TABLE H m²
TELECOMMUNICATIONS EQUIPMENT SPACE**

SPACE CODE
800.042

<u>PNA</u>	<u>SPACE SIZE</u> (NET m ²)	<u>PNA</u>	<u>SPACE SIZE</u> (NET m ²)
PNA to 465	1	5,018 to 5,853	10
466 to 836	2	5,854 to 6,689	11
837 to 1,672	3	6,690 to 7,525	13
1,673 to 2,508	5	7,526 to 8,361	13
2,509 to 3,345	6	8,362 to 9,290	14
3,346 to 4,181	7	Above 9,290	14 m ² plus 2 m ² for each PNA increase of 929 m ²
4,182 to 5,017	7		

**ENGLISH TABLE H sf
TELECOMMUNICATIONS EQUIPMENT SPACE**

SPACE CODE
800.042

<u>PNA</u>	<u>SPACE SIZE</u> (NET sf)	<u>PNA</u>	<u>SPACE SIZE</u> (NET sf)
PNA to 5,000	10	54,001 to 63,000	100
5,000 to 9,000	15	63,001 to 72,000	115
9,001 to 18,000	30	72,001 to 81,000	130
18,001 to 27,000	45	81,001 to 90,000	140
27,001 to 36,000	55	90,001 to 100,000	155
36,001 to 45,000	70	Above 100,000	155 sf plus 15 sf for each PNA increase of 10,000 sf
45,001 to 54,000	85		

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**METRIC TABLE I m²
TELEPHONE EQUIPMENT SPACE REQUIREMENTS**

SPACE CODE
800.043

<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>	<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>
PNA to 465	----- [1]	5,018 to 5,853	5
466 to 836	2	5,854 to 6,689	5
837 to 1,672	2	6,690 to 7,525	6
1,673 to 2,508	3	7,526 to 8,361	6
2,509 to 3,345	3	8,362 to 9,290	6
3,346 to 4,181	4	Above 9,290	6 m ² plus 1 m ² for each PNA increase of 1850 m ²
4,182 to 5,017	4		

**ENGLISH TABLE I sf
TELEPHONE EQUIPMENT SPACE REQUIREMENTS**

SPACE CODE
800.043

<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>	<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>
PNA to 5,000	----- [1]	54,001 to 63,000	45
5,000 to 9,000	15	63,001 to 72,000	50
9,001 to 18,000	20	72,001 to 81,000	55
18,001 to 27,000	25	81,001 to 90,000	60
27,001 to 36,000	30	90,001 to 100,000	65
36,001 to 45,000	35	Above 100,000	65 sf plus 5 sf for each PNA increase of 20,000 sf
45,001 to 54,000	40		

NOTES:

[1] The Telephone Equipment requirements are already included in the Mechanical Equipment space.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**METRIC TABLE J m²
TELEPHONE EQUIPMENT SPACE REQUIREMENTS**

SPACE CODE
800.044

<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>	<u>PNA</u>	<u>SPACE SIZE (NET m²)</u>
PNA to 465	----- [1]	5,018 to 5,853	10
466 to 836	2	5,854 to 6,689	11
837 to 1,672	3	6,690 to 7,525	13
1,673 to 2,508	5	7,526 to 8,361	13
2,509 to 3,345	6	8,362 to 9,290	14
3,346 to 4,181	7	Above 9,290	14 m ² plus 2 m ² for each PNA increase of 929 m ²
4,182 to 5,017	7		

**ENGLISH TABLE J sf
TELEPHONE EQUIPMENT SPACE REQUIREMENTS**

SPACE CODE
800.044

<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>	<u>PNA</u>	<u>SPACE SIZE (NET sf)</u>
PNA to 5,000	----- [1]	54,001 to 63,000	100
5,000 to 9,000	15	63,001 to 72,000	115
9,001 to 18,000	30	72,001 to 81,000	130
18,001 to 27,000	45	81,001 to 90,000	140
27,001 to 36,000	55	90,001 to 100,000	155
36,001 to 45,000	70	Above 100,000	155 sf plus 15 sf for each PNA increase of 10,000 sf
45,001 to 54,000	85		

NOTES:

[1] The Telephone Equipment requirements are already included in the Mechanical Equipment space.

**INDIVIDUAL SPACE SIZES
FACILITIES SUPPORT**

Property Use Code - **800**

**METRIC TABLE K m²
GENERAL BUILDING STORAGE REQUIREMENTS**

SPACE CODE
800.400

<u>PNA</u>	<u>SPACE SIZE</u> (NET m²)
PNA to 465	5
466 to 929	10
930 to 2,728	28
2,729 to 5,574	42
5,575 to 9290	56
Above 9,290	56 m2 plus 14 m2 for each PNA increase of 4645 m2

**ENGLISH TABLE K sf
GENERAL BUILDING STORAGE REQUIREMENTS**

SPACE CODE
800.400

<u>PNA</u>	<u>SPACE SIZE</u> (NET sf)
PNA to 5,000	50
5,001 to 10,000	100
10,001 to 30,000	300
30,001 to 60,000	450
60,001 to 100,000	600
Above 100,000	600 sf plus 150 sf for each PNA increase of 50,000 sf

**INDIVIDUAL SPACE SIZES
HEALTH CARE**

Property Use Code - **500**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
EMERGENCY CARE			500.002
Cast Room	12	120	500.010
Emergency Room and/or Minor Surgery Room Trauma Room	23	240	500.011
INPATIENT CARE			500.020
Dietary Station (Kitchenette)	12	120	500.021
Isolation Room 1 Bed with Toilet	14	150	500.022
Medical 2 Bed with Toilet and Shower	23	240	500.023
Medical Report Room	4	40	500.024
Nurse's Station	8	80	500.025
Stretcher Alcove	3	30	500.026
LABORATORY			500.030
Bacteriology	6	60	500.031
General Storage	5	50	500.400
Laboratory	32	340	500.033
Biochemistry			
Hematology			
Histology			
Serology			
Urinalysis			
Patient's Toilet for Specimen	2	20	500.900
Technician's Office and Files	7	75	500.034
Venipuncture	3	30	500.035
OUTPATIENT CARE			500.040
Exam/Treatment Room and/or Consultant's Exam/Treatment Room OB/GYN Exam/Treatment Room Pediatrics Exam/Treatment Room	10	100	500.050
Holding Room	8	80	500.051
Immunization Holding [1]	12	120	500.052
Immunization Room [1]	12	120	500.053
Triage Room	12	120	500.054

NOTES:

[1] Permitted only at facilities with 4 or more Doctors and/or Physicians Assistants.

**INDIVIDUAL SPACE SIZES
HEALTH CARE**

Property Use Code - **500**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>MEDICAL CLINIC (CONT.)</u>			500.001
PHYSICAL EXAM [1]			500.060
Doctor's Examination Room	8	80	500.061
Ear, Nose & Throat Exam Room (with Audiometry)	19	200	500.062
EKG Room	8	80	500.063
Eye Examination Room	14	150	500.064
Physical Exam Office	10	100	500.065
Preliminary Exam Room	12	120	500.066
Pulmonary Function Testing Room	8	80	500.067
PREVENTIVE MEDICINE			500.070
Entomology Lab	10	100	500.071
Storage	10	100	500.401
X-RAY			500.080
Control Booth for Radiographic Room	3	30	500.081
Dark Room/Light Lock/ Light Room	12	120	500.082
Dressing Room	2	20	500.901
Patient's Toilet for Radiographic Room	3	30	500.902
Portable X-Ray	3	30	500.085
Radiographic Room (Universal DOD)	28	300	500.086
Reading Room (Technician's)	8	80	500.087
Storage	4	40	500.402
X-Ray File Room	12	120	500.089

NOTES:

[1] These spaces must be justified by proper staffing.

**INDIVIDUAL SPACE SIZES
HEALTH CARE**

Property Use Code - **500**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>ADDITIONAL HEALTH CARE SPACES</u>			500.090
<u>DENTAL CLINIC [1]</u>			500.100
Dental Lab	14	150	500.101
Dental Lab (with technicians assigned)	23	240	500.102
Dental Operator	10	100	500.103
Dental Storage (high density shelves required)	10	100	500.403
Dental X-Ray	10	100	500.105
Dental X-Ray Dark Room	6	60	500.106
External (Contract)/Consultant Operator	10	100	500.107
Oral Surgery Operator	12	120	500.108
Porcelain Lab	6	60	500.109
Prophylaxis Operator [2]	10	100	500.110
Sterilization Room	3	30	500.111
<u>DISPENSARY</u>			500.120
<u>(Standard One Man Clinic, Multi-Mission Station, etc.)</u>			
Laboratory	10	100	500.121
Storage	4	40	500.404
Toilet	6	60	500.903
Treatment Room	13	130	500.124
Waiting Area	7	70	500.905
<u>MENTAL HEALTH CLINIC</u>			500.130
Bio Feedback	10	100	500.131
Disturbed Patient's Room	10	100	500.132
Group Therapy Room	21	225	500.133
Mental Health Professional Office	10	100	500.134
Seclusion/Observation	8	80	500.135

NOTES:

[1] These spaces require a Dentist or Contract Dentist assigned.

[2] This space requires a Dental Technician assigned.

**INDIVIDUAL SPACE SIZES
HEALTH CARE**

Property Use Code - **500**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>ADDITIONAL HEALTH CARE SPACES (CONT.)</u>			500.090
<u>PHARMACY</u>			500.140
Issue Lab	12	120	500.141
size per additional workstation	6	60	500.142
Pharmacist's Office	10	100	500.143
Receiving, Quality Control & Sorting	5	50	500.144
Storage [1]	7	70	500.405
<u>SUPPORT</u>			500.150
<u>CENTRAL STERILIZATION ROOM</u>			500.160
Decontamination Room	2	20	500.161
Sterile Storage	4	40	500.406
Sterilization Room	8	80	500.163
<u>HEALTH CARE ADMINISTRATION</u>			500.170
Clinic Supervisor	10	100	500.171
Family Nurse Practitioner (FNP)	12	120	500.172
Medical Administrator	12	120	500.173
Medical Officer	12	120	500.174
Medical Reception/Records			
size per workstation	7	75	500.175
minimum size	14	150	500.176
Physician Assistant (PYA)	12	120	500.177
Senior Dental Officer	14	150	500.178
Senior Medical Officer	14	150	500.179
<u>MAINTENANCE/REPAIR</u>			500.190
(Required When Medical Repair Technician is Assigned)			
Shop Storage	10	100	500.407
Workshop	12	120	500.191

NOTES:

[1] Add 3 m² [25 sf] to Pharmacy Storage for Immunization Storage when Clinic does not require an Immunization Room and Immunization Holding Room.

**INDIVIDUAL SPACE SIZES
HEALTH CARE**

Property Use Code - **500**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
SUPPORT (CONT.)			500.150
MEDICAL SUPPLY			500.200
Break Out	3	25	500.201
Medical/Dental Equipment Storage	28	300	500.408
Outdoor Gas Storage	5	50	500.409
Receiving/Issue/Storage	35	375	500.410
SAR/Operations Storage	10	100	500.411
OTHER SUPPORT			500.210
Clean Utility Room	8	80	500.211
Doctor's Lockers size per doctor	0.6	6	500.905
Doctor's Lounge size per doctor	2	20	500.906
minimum size	10	100	500.907
Equipment Supply/Storage	8	80	500.412
Janitor's Closet	3	30	500.908
Litter/Wheelchair Storage Room	3	30	500.413
Patient's Toilet	3	30	500.909
Patient's Toilet (Handicapped)	9	90	500.910
Public Toilet's	----- [1]	----- [1]	
Soiled Utility Room	8	80	500.212
Staff Lockers size per staff member	0.6	6	500.911
Staff Lounge size per staff member	2	20	500.912
minimum size	10	100	500.913
Staff Toilet	3	30	500.914
Staff Toilet and Shower size per every 15 staff members	7	70	500.915
Waiting Area size per seat [2]	2	20	500.916

NOTES:

[1] See Individual Space Sizes for Personnel Support.

[2] Provide 2 seats per Exam/Treatment Room and /or Operatory.

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**INDIVIDUAL SPACE SIZES
LAND OPERATIONS**

Property Use Code - 140

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
ADMINISTRATIVE LAW JUDGE	21	225	140.001
AIR STATION BRIEFING ROOM	8	80	140.002
AIR STATION FLIGHT PLANNING	19	200	140.003
AIR STATION FLIGHT SERVICES	24	250	140.004
AIR STATION LOCKER ROOM (MALE/FEMALE) Size Per Assigned Crew Members	1.4	15	140.900
ARMORY			140.010
Air Station	8	80	140.011
Captain of the Port	12	120	140.012
Group Command/Surface	12	120	140.013
WEAPONS STORAGE			140.015
Multi-Mission Station [1]	8	80	140.016
COMMAND CENTER			140.020
Communications Room (Captain of the Port)	28	300	140.021
Operations Room (Captain of the Port)	38	400	140.022
Communications/Operations Room (Multi-Mission Station)	28	300	140.023
COMMAND CENTER (Secured)			140.030
Communications Room (All)	59	625	140.031
Operations Room with toilet (Air Station)	19	200	140.032
Operations Room with toilet (Group Command/Air)	28	300	140.033
Operations Room with toilet (Group Command/Surface)	19	200	140.034
<u>COMMAND CENTER-MARDEZ SUBSECTOR</u>			140.040
GROUP COMMAND (Surface)			140.042
Communications Room	75	800	140.043
Operations	28	300	140.044
CAC/Briefing Room	----- [2]	----- [2]	

NOTES:

[1] When the Multi-Mission Station is collocated with a Group Command/Surface, use only the 12 m² [120 sf] allotted for the Group Command/Surface Armory.

[2] Add 6 m² [60 sf] per two crisis/MDZ operations watchstanders, above the existing normal peacetime watch, to the operations room for CAC/Briefing/Conference. Maximum size 28 m² [300 sf].

**INDIVIDUAL SPACE SIZES
LAND OPERATIONS**

Property Use Code - 140

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>COMMAND CENTER-MARDEZ SUBSECTOR (CONT.)</u>			
GROUP COMMAND (Air)			140.050
Communications Room	75	800	140.051
Operations	38	400	140.052
CAC/Briefing Room	----- [1]	----- [1]	
AIR STATION COMMAND			140.060
Communications Room	75	800	140.061
Operations	28	300	140.062
CAC/Briefing Room	----- [1]	----- [1]	
MSO/COTP COMMAND			140.070
Communications Room	45	475	140.071
Operations	28	300	140.072
CAC/Briefing Room	----- [1]	----- [1]	
<u>COMMAND CENTER-MARDEZ MAJOR UNIT</u>			140.080
GROUP COMMAND (Surface)			140.090
Communications Room	75	800	140.091
Operations	24	250	140.092
CAC/Briefing Room	----- [1]	----- [1]	
GROUP COMMAND (Air)			140.100
Communications Room	75	800	140.101
Operations	33	350	140.102
CAC/Briefing Room	----- [1]	----- [1]	
AIR STATION COMMAND			140.110
Communications Room	75	800	140.111
Operations	24	250	140.112
CAC/Briefing Room	----- [1]	----- [1]	
MSO/COTP COMMAND			140.120
Communications Room	45	475	140.121
Operations	24	250	140.122
CAC/Briefing Room	----- [1]	----- [1]	

NOTES:

[1] Add 6 m² [60 sf] per two crisis/MDZ operations watchstanders, above the existing normal peacetime watch, to the operations room for CAC/Briefing/Conference. Maximum size 28 m² [300 sf].

**INDIVIDUAL SPACE SIZES
LAND OPERATIONS**

Property Use Code - 140

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>MARINE INSPECTION OFFICE (MIO)</u>			140.130
MIO HEARING ROOM Attorney Tables Judge's Bench Seating (25 people) Witness Stand	56	600	140.131
MIO HEARING ROOM STORAGE	12	120	140.400
MIO LICENSING AND CERTIFICATION [1] Reception/Applications size per exam station Examination Room size per exam station Personnel Records Office Area			140.132
	1	10	140.133
	5	50	140.134
	----- [2], [3]	----- [2], [3]	
	----- [2]	----- [2]	
MIO PLAN REVIEW ROOM	12	120	140.135
MIO VESSEL DOCUMENTATION OFFICE [4] Waiting Area Document Storage Office Area			140.136
	----- [5]	----- [5]	
	----- [2], [6]	----- [2], [6]	
	----- [2]	----- [2]	
<u>SUPPORT SPACE</u>			140.140
MAINTENANCE EQUIPMENT STORAGE	19	200	140.401
POLLUTION RESPONSE LARGE EQUIPMENT STORAGE	38	400	140.402
POLLUTION RESPONSE PERSONNEL PROTECTIVE EQUIPMENT STORAGE	14	150	140.403

NOTES:

- [1] This space is only required with a Regional Examination Center.
- [2] See Individual Space Sizes for Administrative.
- [3] One 5 drawer lateral file will hold records for 700 personnel.
- [4] This space is only required with a Regional Documentation Office.
- [5] See Individual Space Sizes for Personnel Support.
- [6] Use combination of plan and lateral files as required.

**INDIVIDUAL SPACE SIZES
LAND OPERATIONS**

Property Use Code - 140

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>SUPPORT SPACE (CONT.)</u>			140.140
SMALL BOAT STORAGE [1]			
Size per Boat	38	400	140.404
WET ROOM			
Rescue Swimmers (Air Stations)			140.141
Male and Female Locker Area	14	150	140.901
Male and Female Toilets	10	100	140.902
Laundry Area	8	80	140.903
Wet Rooms (unit personnel allowance 11 or more)			140.142
Male and Female Locker Area	28	300	140.904
Male and Female Toilets	19	200	140.905
Laundry Area	12	120	140.906
Wet Rooms Small Station (unit personnel allowance 10 or less)			140.143
Male and Female Locker Area	14	150	140.907
Male and Female Toilets	10	100	140.908
Laundry Area	8	80	140.909

NOTES:

[1]. This space must be specifically justified based on severe weather conditions which hamper operations and/or accelerate maintenance.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - AIDS TO NAVIGATION**

Property Use Code - 218

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>AIDS TO NAVIGATION SHOPS</u>			218.001
AIDS TO NAVIGATION TEAM (ANT) SHOP			218.010
Shop (size per 2 team members) [1]	10	100	218.011
ANT Shop Storage (size per 2 team members) [1]	10	100	218.411
Small Boat Bay (size per TANB) [2]	38	400	218.012
Battery Charging/Storage	3	25	218.412
Flammable Storage [3]	4	40	218.413
BLASTING SHOP (BUOY)			218.020
Shop (for buoys up to 2744 mm x 10668 mm (9' x 35'))	112	1200	218.021
Shop (for river buoys only)	47	500	218.022
Storage	19	200	218.420
CARPENTRY (DC) SHOP [4]			218.030
Shop	47	500	218.031
Storage	28	300	218.430
DAY BOARD PRODUCTION SHOP [5]			218.040
Shop	38	400	218.041
Storage	14	150	218.440
ELECTRICAL (EM) SHOP [6]			218.050
Shop (size per required workstation)	14	150	218.051
Storage (size per workstation)	10	100	218.450
ELECTRONICS (ET) SHOP [6]			218.060
Shop (size per required workstation or mock-up)	10	100	218.061
Storage (size per workstation)	10	100	218.460

NOTES:

- [1] If separate ET and/or EM shops are required, do not count those ratings as team members.
- [2] This space must be specifically justified based on severe weather conditions which hamper operations and/or accelerate maintenance.
- [3] This space is not required if the facility is collocated with a Group or Multi-Mission Station.
- [4] This space is not required if the facility is collocated with DEPOT LEVEL BOAT MAINTENANCE.
- [5] This space is in addition to the CARPENTRY (DC) SHOP.
- [6] If collocated with a DEPOT LEVEL BOAT MAINTENANCE facility use combined EM and ET billets.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - AIDS TO NAVIGATION**

Property Use Code - 218

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
METAL SHOP			218.070
Shop (for buoys up to 2744 mm x 10668 mm (9' x 35'))[1]	168	1800	218.071
Shop (river buoys only) [1]	112	1200	218.072
Tools/Parts Storage	28	300	218.470
Metal Storage	38	400	218.471
PAINTING SHOP (BUOY [2])			218.080
Shop (for buoys up to 2744 mm x 10668 mm (9' x 35'))	112	1200	218.081
Shop (river buoys only)	47	500	218.082
Paint Storage/Mixing	24	250	218.480
Equipment Storage	14	150	218.481
WELDING SHOP			218.090
Shop (for buoys up to 2744 mm x 10668 mm (9' x 35')) [3]	105	1130	218.091
Shop (river buoys only) [3]	59	630	218.092
Storage	14	150	218.490
Gas Storage	19	200	218.491
<u>AIDS TO NAVIGATION STORAGE</u>			218.400
BATTERY STORAGE [2]	4	40	218.401
FLAMMABLE STORAGE	14	150	218.402
TRACTOR/FORKLIFT STORAGE			
Storage (for buoys up to 2744 mm x 10668 mm (9' x 35'))	38	400	218.403
Storage (for river buoys only)	19	200	218.404

NOTES:

[1] If collocated with a DEPOT LEVEL BOAT MAINTENANCE facility add half of this square footage to the BOAT MACHINE SHOP.

[2] This space is not required if the facility is collocated with a DEPOT LEVEL BOAT MAINTENANCE.

[3] This space includes two welding stations at sized at 16 m2 [165 sf] each.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - AIRCRAFT**

Property Use Code - 211

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
SENSOR SHOP [1]	131	1400	211.001
ARMORY	8	80	211.002
AVIONICS SHOP	Table A m ²	Table A sf	211.003
AVIONICS SHOP 400 Hz GENERATOR ROOM	14	150	211.004
COMPOSITE REPAIR SHOP [2] Size For HH-65 Only	19	200	211.005
ELECTRICAL (EM) SHOP Shop (size per required workstation)	14	150	211.006
FIXED WING ENGINE SHOP Size For HU-25	93	1000	211.008
Size For HC-130 and/or E-2	112	1200	211.009
FIXED WING MAINTENANCE SHOP Size For HU-25	47	500	211.009
Size For HC-130	70	750	211.010
Size For E-2	56	600	211.011
FUEL TESTING	10	100	211.012
GROUND SUPPORT EQUIPMENT	Table B m ²	Table B sf	211.013
HANGAR DECK	Table C m ²	Table C sf	211.014
HANGAR DECK DOOR & DOOR POCKET	Table D m ²	Table D sf	211.015
HANGAR DECK 400 Hz GENERATOR ROOM	14	150	211.016
HELICOPTER ENGINE SHOP Size For First 3 Aircraft	38	400	211.017
Size Added Per Additional Aircraft	10	100	211.018

NOTES:

[1] Includes 38 m2 [400 sf] for Pod Storage.

[2] Add 10 m2 [100 s] if located at a facility without a Machine Shop.

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
HELICOPTER MAINTENANCE SHOP			
Size For HH-65	47	500	211.019
Size For HH-3	70	750	211.020
HYDRAULIC SHOP	19	200	211.021
LEAD ACID BATTERY SHOP			
Size Per 1 Type Aircraft	10	100	211.022
Size Added Per Additional Type Aircraft	3	25	211.023
LINE MAINTENANCE SHOP	Table E m ²	Table E sf	211.024
MACHINE SHOP			
Size For HH-65 Only	75	800	211.025
Size For All Other Aircraft	112	1200	211.026
MAINTENANCE CONTROL OFFICE	14	150	211.027
NI-CAD BATTERY SHOP			
Size Per 1 Type Aircraft	10	100	211.028
Size Added Per Additional Type Aircraft	3	25	211.029
PAINT SHOP			
Size For 1 Type Aircraft	28	300	211.030
Size For 2 Or More Types Of Aircraft	35	375	211.031
PROPELLER SHOP			
Size For HC-130 And/Or E-2 Only	112	1200	211.032
PUMP MAINTENANCE SHOP	19	200	211.033
RAFT ROOM	Table F m ²	Table F sf	211.034
SURVIVAL SHOP			
Size For HH-65 & HH-3	56	600	211.035
Size For HU-25, HC-130 & E-2	38	400	211.036
TOOL ROOM/READY ISSUE PARTS	Table G m ²	Table G sf	211.037
WELDING SHOP	19	200	211.038

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
WET ROOM (Rescue Swimmer)	----- [1]	----- [1]	
WHEEL & TIRE SHOP	Table H m ²	Table H sf	211.039
AVIATION SUPPLY STORAGE	Table AA m ²	Table AA sf	211.400
AVIONICS SHOP STORAGE	Table BB m ²	Table BB sf	211.401
COMPRESSED GAS STORAGE	28	300	211.402
ELECTRICAL SHOP STORAGE Parts/Tool Storage (size per required shop workstation)	10	100	211.403
ENGINE BUILD-UP STORAGE	Table CC m ²	Table CC sf	211.404
FLIGHT GEAR STORAGE HH-65 Only Size for first 3 aircraft	24	250	211.405
Size for each additional aircraft	3	25	211.406
HH-3 Only Size for first 3 aircraft	28	300	211.407
Size for each additional aircraft	3	25	211.408
GROUND SUPPORT EQUIPMENT STORAGE	Table DD m ²	Table DD sf	211.409
METAL STORAGE	19	200	211.410
OIL/PAINT/FLAMMABLES STORAGE	Table EE m ²	Table EE sf	211.411
PARALOFT/FLIGHT GEAR STORAGE	112	1200	211.412
PROPELLER STORAGE Size For 1 To 3 Aircraft	38	400	211.413
Size For 4 To 7 Aircraft	56	600	211.414
PYROTECHNICS STORAGE	Table FF m ²	Table FF sf	211.415

NOTES:

[1] See Individual Space Sizes for Land Operations.

METRIC TABLE A m²**SPACE CODE****AVIONICS SHOP SPACE REQUIREMENTS [1]**

211.003

AIRCRAFT TYPE	WORK BENCHES (Length in mm)	SPACE SIZE [2] (NET m²)
HH-65 only	39624	109
HH-3 only	40843	112
HU-25 only	42672	118
E-2 only	22860	63
HC-130 only	49987	138
HH-65 & HH-3	52426	144
HH-65 & HU-25	52426	144
HH-65 & E-2	48768	134
HH-65 & HC-130	63398	174
HH-3 & HU-25	55474	153
HH-3 & E-2	49987	138
HH-3 & HC-130	58522	161
HU-25 & E-2	51816	143
HU-25 & HC-130	64618	178
E-2 & HC-130	59131	163
HH-65 & HH-3 & HU-25	62179	171
HH-65 & HH-3 & E-2	61570	170
HH-65 & HH-3 & HC-130	71933	198
HH-65 & HU-25 & E-2	61570	170
HH-65 & HU-25 & HC-130	71933	198
HH-3 & HU-25 & E-2	64618	178
HH-3 & HU-25 & HC-130	74981	206
HH-3 & E-2 & HC-130	67666	186

NOTES:

[1] Avionics Shop space requirements are based on the type of aircraft to be serviced at the station.

[2] Does not include Avionics Shop Storage space requirements (see Metric Table BB m²) or Avionics Shop offices (see Individual Space Sizes Administrative).

ENGLISH TABLE A sf

SPACE CODE

AVIONICS SHOP SPACE REQUIREMENTS [1]

211.003

<u>AIRCRAFT TYPE</u>	<u>WORK BENCHES (Length in feet)</u>	<u>SPACE SIZE [2] (NET sf)</u>
HH-65 only	130	1170
HH-3 only	134	1205
HU-25 only	140	1260
E-2 only	75	675
HC-130 only	164	1475
HH-65 & HH-3	172	1550
HH-65 & HU-25	172	1550
HH-65 & E-2	160	1440
HH-65 & HC-130	208	1870
HH-3 & HU-25	182	1640
HH-3 & E-2	164	1475
HH-3 & HC-130	192	1730
HU-25 & E-2	170	1530
HU-25 & HC-130	212	1910
E-2 & HC-130	194	1745
HH-65 & HH-3 & HU-25	204	1835
HH-65 & HH-3 & E-2	202	1820
HH-65 & HH-3 & HC-130	236	2125
HH-65 & HU-25 & E-2	202	1820
HH-65 & HU-25 & HC-130	236	2125
HH-3 & HU-25 & E-2	212	1910
HH-3 & HU-25 & HC-130	246	2215
HH-3 & E-2 & HC-130	222	2000

NOTES:

[1] Avionics Shop space requirements are based on the type of aircraft to be serviced at the station.

[2] Does not include Avionics Shop Storage space requirements (see English Table BB sf or Avionics Shop offices (see Individual Space Sizes Administrative).

METRIC TABLE B m² **SPACE CODE**

GROUND SUPPORT EQUIPMENT SPACE REQUIREMENTS [1] 211.013

CATEGORY OF AIR STATION **SIZE (NET m²) [2]**

SMALL STATION (four or less of any one type of aircraft, except HC-130 and /or E-2)	24
--	----

MEDIUM STATION (five or less HC-130 and/or E-2 or five of any one type of aircraft, or any combination of any two types of aircraft)	47
---	----

LARGE STATION (six or more of any one type of aircraft, or any combination of three or more types of aircraft)	70
---	----

ENGLISH TABLE B sf **SPACE CODE**

GROUND SUPPORT EQUIPMENT SPACE REQUIREMENTS [1] 211.013

CATEGORY OF AIR STATION **SIZE (NET sf) [2]**

SMALL STATION (four or less of any one type of aircraft, except HC-130 and /or E-2)	250
--	-----

MEDIUM STATION (five or less HC-130 and/or E-2 or five of any one type of aircraft, or any combination of any two types of aircraft)	500
---	-----

LARGE STATION (six or more of any one type of aircraft, or any combination of three or more types of aircraft)	750
---	-----

NOTES:

[1] Ground Support Equipment Maintenance space requirements are based on the number and type of aircraft located at the station.

[2] Does not include Ground Support Equipment Storage requirement (see Metric Table DD m2 or English Table DD sf).

METRIC TABLE C m²

SPACE CODE

HANGAR DECK SPACE REQUIREMENTS [1]

211.014

AIRCRAFT TYPE

SIZE (NET m²) [2]

HH-65 only	307 - for first HH-65 251 - each additional HH-65
HH-60J only	511 - for first HH-60J 446 - each additional HH-60J
HH-3 only	604 - for first HH-3 521 - each additional HH-3
HU-25 only	465 - for first HU-25 419 - each additional HU-25
E-2 only	837 - for first E-2 753 - each additional E-2
HC-130 only	1580 - for first HC-130 1459 - each additional HC-130
HC-130 Nosedock	985 - for first HC-130 930 - each additional HC-130
HH-65 & HH-3	930 - for 1 HH-65 & 1 HH-3 335 - each additional HH-65 521 - each additional HH-3
HH-65 & HU-25	772 - for 1 HH-65 & 1 HU-25 307 - each additional HH-65 419 - each additional HU-25
HH-65 & E-2	1162 - for 1 HH-65 & 1 E-2 335 - each additional HH-65 1459 - each additional HC-130
HH-65 & HC-130	1886 - for 1 HH-65 & 1 HC-130 251 - each additional HH-65 1459 - each additional HC-130
HH-65 & HC-130 Nosedock	1292 - for 1 HH-65 & 1-HC-130 251 - each additional HH-65 930 - each additional HC-130

[Metric Table C m² continues on the next page]

NOTES:

[1] The Hangar Deck space requirements are based on the number and type of aircraft to be serviced or housed inside the hangar.

[2] This space does not include the required space for the Hangar Deck Door, or the Door Pockets see Metric Table D m2.

METRIC TABLE C m² (CONT.)

SPACE CODE

HANGAR DECK SPACE REQUIREMENTS [1]

211.014

AIRCRAFT TYPE

SIZE (NET m²) [2]

HH-3 & HU-25	1106 - for 1 HH-3 & 1 HU-25 521 - each additional HH-3 419 - each additional HU-25
HH-3 & E-2	1440 - for 1 HH-3 & 1 E-2 521 - each additional HH-3 753 - each additional E-2
HH-3 & HC-130	2184 - for 1 HH-3 & 1 E-2 521 - each additional HH-3 1459 - each additional E-2
HH-3 & HC-130 Nosedock	1589 - for 1 HH-3 & 1 HC-130 521 - each additional HH-3 930 - each additional HC-130
HU-25 & E-2	1301 - for 1 HU-25 & 1 E-2 419 - each additional HU-25 1459 - each additional E-2
HU-25 & HC-130	1403 - for 1 HU-25 & 1 HC-130 419 - each additional HU-25 1459 - each additional HC-130
HU-25 & HC-130 Nosedock	1402 - for 1 HU-25 & 1 HC-130 419 - each additional HU-25 930 - each additional HC-130
E-2 & HC-130	2416 - for 1 E-2 & 1 HC-130 753 - each additional E-2 930 - each additional HC-130
E-2 & HC-130 Nosedock	1728 - for 1 E-2 & 1 HC 130 753 - each additional E-2 930 - each additional HC-130

NOTES:

[1] The Hangar Deck space requirements are based on the number and type of aircraft to be serviced or housed inside the hangar.

[2] This space does not include the required space for the Hangar Deck Door, or the Door Pockets see Metric Table D m².

ENGLISH TABLE C sf

SPACE CODE

HANGAR DECK SPACE REQUIREMENTS [1]

211.014

<u>AIRCRAFT TYPE</u>	<u>SIZE (NET sf) [2]</u>
HH-65 only	3300 - for first HH-65 2700 - each additional HH-65
HH-60J only	5500 - for first HH-60J 4800 - each additional HH-60J
HH-3 only	6500 - for first HH-3 5600 - each additional HH-3
HU-25 only	5000 - for first HU-25 4500 - each additional HU-25
E-2 only	9000 - for first E-2 8100 - each additional E-2
HC-130 only	17000 - for first HC-130 15700 - each additional HC-130
HC-130 Nosedock	10600 - for first HC-130 10000 - each additional HC-130
HH-65 & HH-3	10000 - for 1 HH-65 & 1 HH-3 3600 - each additional HH-65 5600 - each additional HH-3
HH-65 & HU-25	8300 - for 1 HH-65 & 1 HU-25 3300 - each additional HH-65 4500 - each additional HU-25
HH-65 & E-2	12500 - for 1 HH-65 & 1 E-2 3600 - each additional HH-65 8100 - each additional HC-130
HH-65 & HC-130	20300 - for 1 HH-65 & 1 HC-130 2700 - each additional HH-65 15700 - each additional HC-130
HH-65 & HC-130 Nosedock	13900 - for 1 HH-65 & 1-HC-130 2700 - each additional HH-65 10000 - each additional HC-130

[English Table C sf continues on the next page]

NOTES:

[1] The Hangar Deck space requirements are based on the number and type of aircraft to be serviced or housed inside the hangar.

[2] This space does not include the required space for the Hangar Deck Door, or the Door Pockets see English Table D sf.

ENGLISH TABLE C sf (CONT.)

SPACE CODE

HANGAR DECK SPACE REQUIREMENTS [1]

211.014

AIRCRAFT TYPE

SIZE (NET sf) [2]

HH-3 & HU-25	11900 - for 1 HH-3 & 1 HU-25 5600 - each additional HH-3 4500 - each additional HU-25
HH-3 & E-2	15500 - for 1 HH-3 & 1 E-2 5600 - each additional HH-3 8100 - each additional E-2
HH-3 & HC-130	23500 - for 1 HH-3 & 1 E-2 5600 - each additional HH-3 15700 - each additional E-2
HH-3 & HC-130 Nosedock	17100 - for 1 HH-3 & 1 HC-130 5600 - each additional HH-3 10000 - each additional HC-130
HU-25 & E-2	14000 - for 1 HU-25 & 1 E-2 4500 - each additional HU-25 8100 - each additional E-2
HU-25 & HC-130	21500 - for 1 HU-25 & 1 HC-130 4500 - each additional HU-25 15700 - each additional HC-130
HU-25 & HC-130 Nosedock	15100 - for 1 HU-25 & 1 HC-130 4500 - each additional HU-25 10000 - each additional HC-130
E-2 & HC-130	26000 - for 1 E-2 & 1 HC-130 8100 - each additional E-2 10000 - each additional HC-130
E-2 & HC-130 Nosedock	18600 - for 1 E-2 & 1 HC 130 8100 - each additional E-2 10000 - each additional HC-130

NOTES:

[1] The Hangar Deck space requirements are based on the number and type of aircraft to be serviced or housed inside the hangar.

[2] This space does not include the required space for the Hangar Deck Door, or the Door Pockets see English Table D sf.

METRIC TABLE D m²

SPACE CODE

HANGAR DECK DOOR & DOOR POCKET SPACE REQUIREMENTS [1]

211.015

AIRCRAFT TYPE

SIZE (NET m²)

HH-65 only	14 - for first HH-65 12 - each additional HH-65
HH-3 only	27 - for first HH-3 24 - each additional HH-3
HU-25 only	19 - for first HU-25 16 - each additional HU-25
E-2 only	38 - for first E-2 34 - each additional E-2
HC-130 only	75 - for first HC-130 70 - each additional HC-130
HH-65 & HH-3	42 - for 1 HH-65 & 1 HH-3 15 - each additional HH-65 24 - each additional HH-3
HH-65 & HU-25	30 - for 1 HH-65 & 1 HU-25 12 - each additional HH-65 16 - each additional HU-25
HH-65 & E-2	53 - for 1 HH-65 & 1 E-2 15 - each additional HH-65 34 - each additional HC-130
HH-65 & HC-130	89 - for 1 HH-65 & 1 HC-130 12 - each additional HH-65 70 - each additional HC-130

[Metric Table D m² continues on the next page]

NOTES:

[1] The Hangar Deck Door and Door Pocket space requirements are based on the number and type of aircraft to be serviced or housed inside the hangar.

METRIC TABLE D m² (CONT.)

SPACE CODE

HANGAR DECK DOOR & DOOR POCKET SPACE REQUIREMENTS [1]

211.015

AIRCRAFT TYPE

SIZE (NET m²)

HH-3 & HU-25

50 - for 1 HH-3 & 1 HU-25
 24 - each additional HH-3
 23 - each additional HU-25

HH-3 & E-2

65 - for 1 HH-3 & 1 E-2
 24 - each additional HH-3
 34 - each additional E-2

HH-3 & HC-130

103 - for 1 HH-3 & 1 E-2
 24 - each additional HH-3
 70 - each additional E-2

HU-25 & E-2

60 - for 1 HU-25 & 1 E-2
 23 - each additional HU-25
 34 - each additional E-2

HU-25 & HC-130

92 - for 1 HU-25 & 1 HC-130
 16 - each additional HU-25
 70 - each additional HC-130

E-2 & HC-130

109 - for 1 E-2 & 1 HC-130
 34 - each additional E-2
 70 - each additional HC-130

NOTES:

[1] The Hangar Deck Door and Door Pocket space requirements are based on the number and type of aircraft to be serviced or housed inside the hangar.

ENGLISH TABLE D sf

SPACE CODE

HANGAR DECK DOOR & DOOR POCKET SPACE REQUIREMENTS [1]

211.015

AIRCRAFT TYPE

SIZE (NET sf)

HH-65 only	150 - for first HH-65 120 - each additional HH-65
HH-3 only	290 - for first HH-3 250 - each additional HH-3
HU-25 only	200 - for first HU-25 170 - each additional HU-25
E-2 only	400 - for first E-2 360 - each additional E-2
HC-130 only	800 - for first HC-130 750 - each additional HC-130
HH-65 & HH-3	450 - for 1 HH-65 & 1 HH-3 160 - each additional HH-65 250 - each additional HH-3
HH-65 & HU-25	320 - for 1 HH-65 & 1 HU-25 120 - each additional HH-65 170 - each additional HU-25
HH-65 & E-2	560 - for 1 HH-65 & 1 E-2 160 - each additional HH-65 360 - each additional HC-130
HH-65 & HC-130	950 - for 1 HH-65 & 1 HC-130 120 - each additional HH-65 750 - each additional HC-130

[English Table D sf continues on the next page]

NOTES:

[1] The Hangar Deck Door and Door Pocket space requirements are based on the number and type of aircraft to be serviced or housed inside the hangar.

ENGLISH TABLE D sf (CONT.)

SPACE CODE

HANGAR DECK DOOR & DOOR POCKET SPACE REQUIREMENTS [1]

211.015

AIRCRAFT TYPE

SIZE (NET sf)

HH-3 & HU-25

530 - for 1 HH-3 & 1 HU-25
 250 - each additional HH-3
 240 - each additional HU-25

HH-3 & E-2

690 - for 1 HH-3 & 1 E-2
 250 - each additional HH-3
 360 - each additional E-2

HH-3 & HC-130

1100 - for 1 HH-3 & 1 E-2
 250 - each additional HH-3
 750 - each additional E-2

HU-25 & E-2

640 - for 1 HH-3 & 1 HC-130
 240 - each additional HH-3
 360 - each additional HC-130

HU-25 & HC-130

990 - for 1 HU-25 & 1 E-2
 170 - each additional HU-25
 750 - each additional E-2

E-2 & HC-130

1170 - for 1 E-2 & 1 HC-130
 360 - each additional E-2
 750 - each additional HC-130

NOTES:

[1] The Hangar Deck Door and Door Pocket space requirements are based on the number and type of aircraft to be serviced or housed inside the hangar.

METRIC TABLE E m²

SPACE CODE

LINE MAINTENANCE SHOP SPACE REQUIREMENTS [1]

211.024

AIRCRAFT TYPE

SPACE SIZE
(NET m²)

HH-65 only	19
HH-3 only	33
HU-25 only	33
E-2 only	33
HC-130 only	56
HH-65 & HH-3	33
HH-65 & HU-25	33
HH-65 & E-2	33
HH-65 & HC-130	56
HH-3 & HU-25	33
HH-3 & E-2	33
HH-3 & HC-130	56
HU-25 & E-2	33
HU-25 & HC-130	56
E-2 & HC-130	56
HH-65 & HH-3 & HU-25	33
HH-65 & HH-3 & E-2	33
HH-65 & HH-3 & HC-130	56
HH-65 & HU-25 & E-2	33
HH-65 & HU-25 & HC-130	56
HH-3 & HU-25 & E-2	33
HH-3 & HU-25 & HC-130	56
HH-3 & E-2 & HC-130	56

NOTES:

[1] Line Maintenance Shop space requirements are based on the type of aircraft to be serviced at the station.

ENGLISH TABLE E sf

SPACE CODE

LINE MAINTENANCE SHOP SPACE REQUIREMENTS [1]

211.024

<u>AIRCRAFT TYPE</u>	<u>SPACE SIZE (NET sf)</u>
HH-65 only	200
HH-3 only	350
HU-25 only	350
E-2 only	350
HC-130 only	600
HH-65 & HH-3	350
HH-65 & HU-25	350
HH-65 & E-2	350
HH-65 & HC-130	600
HH-3 & HU-25	350
HH-3 & E-2	350
HH-3 & HC-130	600
HU-25 & E-2	350
HU-25 & HC-130	600
E-2 & HC-130	600
HH-65 & HH-3 & HU-25	350
HH-65 & HH-3 & E-2	350
HH-65 & HH-3 & HC-130	600
HH-65 & HU-25 & E-2	350
HH-65 & HU-25 & HC-130	600
HH-3 & HU-25 & E-2	350
HH-3 & HU-25 & HC-130	600
HH-3 & E-2 & HC-130	600

NOTES:

[1] Line Maintenance Shop space requirements are based on the type of aircraft to be serviced at the station.

METRIC TABLE F m²

SPACE CODE

RAFT ROOM SPACE REQUIREMENTS [1]

211.034

AIRCRAFT TYPE

SIZE (NET m²)

HH-65 only	56
HH-3 only	56
HU-25 only	56
E-2 only	none
HC-130 only or mixture of aircraft type	75

ENGLISH TABLE F sf

SPACE CODE

RAFT ROOM SPACE REQUIREMENTS [1]

211.034

AIRCRAFT TYPE

SIZE (NET sf)

HH-65 only	600
HH-3 only	600
HU-25 only	600
E-2 only	none
HC-130 only or mixture of aircraft type	800

NOTES:

[1] The Raft Room space requirements are based on the type of aircraft to be located at the station.

METRIC TABLE G m²

SPACE CODE

TOOL ROOM READY ISSUE PARTS SPACE REQUIREMENTS [1]

211.037

AIRCRAFT TYPE

SPACE SIZE
(NET m²)

HH-65 only	38
HH-3 only	38
HU-25 only	38
E-2 only	38
HC-130 only	47
HH-65 & HH-3	56
HH-65 & HU-25	56
HH-65 & E-2	56
HH-65 & HC-130	75
HH-3 & HU-25	56
HH-3 & E-2	56
HH-3 & HC-130	66
HU-25 & E-2	56
HU-25 & HC-130	75
E-2 & HC-130	66
HH-65 & HH-3 & HU-25	84
HH-65 & HH-3 & E-2	84
HH-65 & HH-3 & HC-130	84
HH-65 & HU-25 & E-2	84
HH-65 & HU-25 & HC-130	84
HH-3 & HU-25 & E-2	84
HH-3 & HU-25 & HC-130	84
HH-3 & E-2 & HC-130	84

NOTES:

[1] Tool Room/Ready Issue Parts space requirements are based on the type of aircraft to be serviced at the station.

ENGLISH TABLE G sf

SPACE CODE

TOOL ROOM READY ISSUE PARTS SPACE REQUIREMENTS [1]

211.037

<u>AIRCRAFT TYPE</u>	<u>SPACE SIZE (NET sf)</u>
HH-65 only	400
HH-3 only	400
HU-25 only	400
E-2 only	400
HC-130 only	500
HH-65 & HH-3	600
HH-65 & HU-25	600
HH-65 & E-2	600
HH-65 & HC-130	800
HH-3 & HU-25	600
HH-3 & E-2	600
HH-3 & HC-130	700
HU-25 & E-2	600
HU-25 & HC-130	800
E-2 & HC-130	700
HH-65 & HH-3 & HU-25	900
HH-65 & HH-3 & E-2	900
HH-65 & HH-3 & HC-130	900
HH-65 & HU-25 & E-2	900
HH-65 & HU-25 & HC-130	900
HH-3 & HU-25 & E-2	900
HH-3 & HU-25 & HC-130	900
HH-3 & E-2 & HC-130	900

NOTES:

[1] Tool Room/Ready Issue Parts space requirements are based on the type of aircraft to be serviced at the station.

METRIC TABLE H m²

SPACE CODE

WHEEL AND TIRE SHOP SPACE REQUIREMENTS [1]

211.038

AIRCRAFT TYPE

SPACE SIZE [2]
(NET m²)

HH-65 only	21
HH-3 only	21
HU-25 only	26
E-2 only	38
HC-130 only	62
HH-65 & HH-3	31
HH-65 & HU-25	36
HH-65 & E-2	48
HH-65 & HC-130	72
HH-3 & HU-25	36
HH-3 & E-2	48
HH-3 & HC-130	72
HU-25 & E-2	50
HU-25 & HC-130	72
E-2 & HC-130	80
HH-65 & HH-3 & HU-25	47
HH-65 & HH-3 & E-2	58
HH-65 & HH-3 & HC-130	82
HH-65 & HU-25 & E-2	60
HH-65 & HU-25 & HC-130	82
HH-3 & HU-25 & E-2	60
HH-3 & HU-25 & HC-130	82
HH-3 & E-2 & HC-130	91

NOTES:

- [1] Wheel and Tire Shop space requirements are based on the type of aircraft to be serviced at the station.
 [2] This size includes storage for tire (10% of the shop NET m²).

ENGLISH TABLE H sf

SPACE CODE

WHEEL AND TIRE SHOP SPACE REQUIREMENTS [1]

211.038

AIRCRAFT TYPE

SPACE SIZE [2]
(NET sf)

HH-65 only	220
HH-3 only	220
HU-25 only	275
E-2 only	400
HC-130 only	660
HH-65 & HH-3	330
HH-65 & HU-25	385
HH-65 & E-2	510
HH-65 & HC-130	770
HH-3 & HU-25	385
HH-3 & E-2	510
HH-3 & HC-130	770
HU-25 & E-2	535
HU-25 & HC-130	770
E-2 & HC-130	860
HH-65 & HH-3 & HU-25	500
HH-65 & HH-3 & E-2	620
HH-65 & HH-3 & HC-130	880
HH-65 & HU-25 & E-2	645
HH-65 & HU-25 & HC-130	880
HH-3 & HU-25 & E-2	645
HH-3 & HU-25 & HC-130	880
HH-3 & E-2 & HC-130	970

NOTES:

- [1] Wheel and Tire Shop space requirements are based on the type of aircraft to be serviced at the station.
 [2] This size includes storage for tires (10% of the shop Net sf).

METRIC TABLE AA m²

SPACE CODE

AVIATION SUPPLY STORAGE SPACE REQUIREMENTS [1]

211.400

AIRCRAFT TYPE

SPACE SIZE
(NET m²)

HH-65 only	140
HH-3 only	233
HU-25 only	233
E-2 only	233
HC-130 only	372
HH-65 & HH-3	268
HH-65 & HU-25	291
HH-65 & E-2	268
HH-65 & HC-130	407
HH-3 & HU-25	291
HH-3 & E-2	291
HH-3 & HC-130	430
HU-25 & E-2	291
HU-25 & HC-130	402
E-2 & HC-130	430
HH-65 & HH-3 & HU-25	291
HH-65 & HH-3 & E-2	291
HH-65 & HH-3 & HC-130	430
HH-65 & HU-25 & E-2	291
HH-65 & HU-25 & HC-130	430
HH-3 & HU-25 & E-2	291
HH-3 & HU-25 & HC-130	430
HH-3 & E-2 & HC-130	430

NOTES:

[1] Aviation Supply Storage space requirements are based on the type of aircraft to be serviced at the station.

ENGLISH TABLE AA sf

SPACE CODE

AVIATION SUPPLY STORAGE SPACE REQUIREMENTS [1]

211.400

AIRCRAFT TYPE

SPACE SIZE
(NET sf)

HH-65 only	1500
HH-3 only	2500
HU-25 only	2500
E-2 only	2500
HC-130 only	4000
HH-65 & HH-3	2875
HH-65 & HU-25	3125
HH-65 & E-2	2875
HH-65 & HC-130	4375
HH-3 & HU-25	3125
HH-3 & E-2	3125
HH-3 & HC-130	4625
HU-25 & E-2	3125
HU-25 & HC-130	4325
E-2 & HC-130	4625
HH-65 & HH-3 & HU-25	3125
HH-65 & HH-3 & E-2	3125
HH-65 & HH-3 & HC-130	4625
HH-65 & HU-25 & E-2	3125
HH-65 & HU-25 & HC-130	4625
HH-3 & HU-25 & E-2	3125
HH-3 & HU-25 & HC-130	4625
HH-3 & E-2 & HC-130	4625

NOTES:

[1] Aviation Supply Storage space requirements are based on the type of aircraft to be serviced at the station.

METRIC TABLE BB m²

SPACE CODE

AVIONICS SHOP STORAGE SPACE REQUIREMENTS [1] & [2]

211.401

CATEGORY OF AIR STATION

SIZE (NET m²)

SMALL STATION
(four or less of any one type of aircraft)

38

MEDIUM STATION
(five of any one type of aircraft, or any
combination of any two types of aircraft)

84

LARGE STATION
(six or more of any one type of aircraft, or any
combination of three or more types of aircraft)

112

ENGLISH TABLE BB sf

SPACE CODE

AVIONICS SHOP STORAGE SPACE REQUIREMENTS [1] & [2]

211.401

CATEGORY OF AIR STATION

SIZE (NET sf)

SMALL STATION
(four or less of any one type of aircraft)

400

MEDIUM STATION
(five of any one type of aircraft, or any
combination of any two types of aircraft)

900

LARGE STATION
(six or more of any one type of aircraft, or any
combination of three or more types of aircraft)

1200

NOTES:

[1] Avionics Shop Storage space requirements are based on the number and type of aircraft to be serviced at the station.

[2] The E-2 Avionics Shop Storage will require secure storage.

METRIC TABLE CC m²

SPACE CODE

ENGINE BUILT-UP STORAGE SPACE REQUIREMENTS [1]

211.404

AIRCRAFT TYPE

SIZE (NET m²)

HH-65 only	14 - for 1 to 3 aircraft 19 - for 4 to 5 aircraft
HH-3 only	19 - for 1 to 3 aircraft 28 - for 4 to 5 aircraft
HU-25 only	19 - for 1 to 3 aircraft 28 - for 4 to 5 aircraft
E-2 only	Engine Built-up Storage is not required when the aircraft is stationed alone
HC-130 only	28 - for 1 to 3 aircraft 68 - for 4 to 7 aircraft
E-2/HC-130 combination	38 - for 1 to 3 aircraft 47 - for 4 to 7 aircraft

ENGLISH TABLE CC sf

SPACE CODE

ENGINE BUILT-UP STORAGE SPACE REQUIREMENTS [1]

211.404

AIRCRAFT TYPE

SIZE (NET sf)

HH-65 only	150 - for 1 to 3 aircraft 200 - for 4 to 5 aircraft
HH-3 only	200 - for 1 to 3 aircraft 300 - for 4 to 5 aircraft
HU-25 only	200 - for 1 to 3 aircraft 300 - for 4 to 5 aircraft
E-2 only	Engine Built-up Storage is not required when the aircraft is stationed alone
HC-130 only	300 - for 1 to 3 aircraft 400 - for 4 to 7 aircraft
E-2/HC-130 combination	400 - for 1 to 3 aircraft 500 - for 4 to 7 aircraft

NOTES:

[1] The Engine Built-up Storage space requirements are based on the type and number of aircraft to be serviced at the station.

METRIC TABLE DD m²

SPACE CODE

GROUND SUPPORT EQUIPMENT STORAGE SPACE REQUIREMENTS [1]

211.409

<u>AIRCRAFT TYPE</u>	<u>SIZE (NET m²)</u>
HH-65 only	73 - (1 to 3 HH-65) 110 - (4 to 5 HH-65)
HH-3 only	121 - (2 to 3 HH-3) 170 - (4 to 5 HH-3)
HU-25 only	111 - (1 to 3 HU-25) 128 - (4 to 5 HU-25)
E-2 only	279 - (1 to 3 E-2) 348 - (4 to 5 E-2) 419 - (6 to 7 E-2)
HC-130 only	279 - (1 to 3 HC-130) 348 - (4 to 5 HC-130) 419 - (6 to 7 HC-130)
HH-65 & HH-3	HH-3 Net m ² + .6(HH-65 Net m ²)
HH-65 & HU-25	HU-25 Net m ² + .6(HH-65 Net m ²)
HH-65 & E-2	E-2 Net m ² + .6(HH-65 Net m ²)
HH-65 & HC-130	HC-130 Net m ² + .6(HH-65 Net m ²)
HH-3 & HU-25	HH-3 Net m ² + .6(HU-25 Net m ²)
HH-3 & E-2	E-2 Net m ² + .6(HH-3 Net m ²)
HH-3 & HC-130	HC-130 Net m ² + .6(HH-3 Net m ²)
HU-25 & E-2	E-2 Net m ² + .5(HU-25 Net m ²)
HU-25 & HC-130	HC-130 Net m ² + .5(HU-25 Net m ²)
E-2 & HC-130	HC-130 Net m ² + .6(E-2 Net m ²)

[Metric Table DD m2 continues on the next page]

NOTES:

[1] The Ground Support Equipment Storage space requirements are based on the number and type of aircraft to be located at the station.

METRIC TABLE DD m² (CONT.)

SPACE CODE

GROUND SUPPORT EQUIPMENT STORAGE SPACE REQUIREMENTS [1]

211.409

AIRCRAFT TYPE

SIZE (NET m²)

HH-65 & HH-3 & HU-25	HH-3 Net m ² + .6(HU-25 Net m ²) + .3(HH-25) Net m ²)
HH-65 & HH-3 & E-2	E-2 Net m ² + .5(HH-3 Net m ²) + .3(HH-65 Net m ²)
HH-65 & HH-3 & HC-130	HC-130 Net m ² + .5(HH-3 Net m ²) + .3(HH-65 Net m ²)
HH-65 & HU-25 & E-2	E-2 Net m ² + .5(HU-25 Net m ²) + .3(HH-65 Net m ²)
HH-65 & HU-25 & HC-130	HC-130 Net m ² + .5(HU-25 Net m ²) + .3(HH-65 Net m ²)
HH-3 & HU-25 & E-2	E-2 Net m ² + .5(HU-25 Net m ²) + .3(HH-3 Net m ²)
HH-3 & HU-25 & HC-130	HC-130 Net m ² + .5(HU-25 Net m ²) + .3(HH-3 Net m ²)
HH-3 & E-2 & HC-130	HC-130 Net m ² + .5(E-2 Net m ²) + .3(HH-3 Net m ²)

NOTES:

[1] The Ground Support Equipment Storage space requirements are based on the number and type of aircraft to be located at the station.

ENGLISH TABLE DD sf

SPACE CODE

GROUND SUPPORT EQUIPMENT STORAGE SPACE REQUIREMENTS [1]

211.409

<u>AIRCRAFT TYPE</u>	<u>SIZE (NET sf)</u>
HH-65 only	785 - (1 to 3 HH-65) 1175 - (4 to 5 HH-65)
HH-3 only	1300 - (2 to 3 HH-3) 1825 - (4 to 5 HH-3)
HU-25 only	1185 - (1 to 3 HU-25) 1375 - (4 to 5 HU-25)
E-2 only	3000 - (1 to 3 E-2) 3740 - (4 to 5 E-2) 4500 - (6 to 7 E-2)
HC-130 only	3000 - (1 to 3 HC-130) 3740 - (4 to 5 HC-130) 4500 - (6 to 7 HC-130)
HH-65 & HH-3	HH-3 Net sf + .6(HH-65 Net sf)
HH-65 & HU-25	HU-25 Net sf + .6(HH-65 Net sf)
HH-65 & E-2	E-2 Net sf + .6(HH-65 Net sf)
HH-65 & HC-130	HC-130 Net sf + .6(HH-65 Net sf)
HH-3 & HU-25	HH-3 Net sf + .6(HU-25 Net sf)
HH-3 & E-2	E-2 Net sf + .6(HH-3 Net sf)
HH-3 & HC-130	HC-130 Net sf + .6(HH-3 Net sf)
HU-25 & E-2	E-2 Net sf + .5(HU-25 Net sf)
HU-25 & HC-130	HC-130 Net sf + .5(HU-25 Net sf)
E-2 & HC-130	HC-130 Net sf + .6(E-2 Net sf)

[English Table DD sf continues on the next page]

NOTES:

[1] The Ground Support Equipment Storage space requirements are based on the number and type of aircraft to be located at the station.

ENGLISH TABLE DD sf (CONT.)

SPACE CODE

GROUND SUPPORT EQUIPMENT STORAGE SPACE REQUIREMENTS [1]

211.409

AIRCRAFT TYPE

SIZE (NET sf)

HH-65 & HH-3 & HU-25	HH-3 Net sf + .6(HU-25 Net sf) + .3(HH-25) Net sf)
HH-65 & HH-3 & E-2	E-2 Net sf + .5(HH-3 Net sf) + .3(HH-65 Net sf)
HH-65 & HH-3 & HC-130	HC-130 Net sf + .5(HH-3 Net sf) + .3(HH-65 Net sf)
HH-65 & HU-25 & E-2	E-2 Net sf + .5(HU-25 Net sf) + .3(HH-65 Net sf)
HH-65 & HU-25 & HC-130	HC-130 Net sf + .5(HU-25 Net sf) + .3(HH-65 Net sf)
HH-3 & HU-25 & E-2	E-2 Net sf + .5(HU-25 Net sf) + .3(HH-3 Net sf)
HH-3 & HU-25 & HC-130	HC-130 Net sf + .5(HU-25 Net sf) + .3(HH-3 Net sf)
HH-3 & E-2 & HC-130	HC-130 Net sf + .5(E-2 Net sf) + .3(HH-3 Net sf)

NOTES:

[1] The Ground Support Equipment Storage space requirements are based on the number and type of aircraft to be located at the station.

METRIC TABLE EE m²

SPACE CODE

OIL/PAINT/FLAMMABLES SPACE REQUIREMENTS [1]

211.411

AIRCRAFT TYPE

SPACE SIZE
(NET m²)

HH-65 only	14
HH-3 only	28
HU-25 only	28
E-2 only	28
HC-130 only	47
HH-65 & HH-3	32
HH-65 & HU-25	32
HH-65 & E-2	35
HH-65 & HC-130	51
HH-3 & HU-25	35
HH-3 & E-2	35
HH-3 & HC-130	54
HU-25 & E-2	35
HU-25 & HC-130	54
E-2 & HC-130	54
HH-65 & HH-3 & HU-25	35
HH-65 & HH-3 & E-2	35
HH-65 & HH-3 & HC-130	54
HH-65 & HU-25 & E-2	54
HH-65 & HU-25 & HC-130	54
HH-3 & HU-25 & E-2	54
HH-3 & HU-25 & HC-130	54
HH-3 & E-2 & HC-130	54

NOTES:

[1] The Oil/Paint/Flammable Storage space requirements are based on the type of aircraft to be located at the station.

ENGLISH TABLE EE sf

SPACE CODE

OIL/PAINT/FLAMMABLES SPACE REQUIREMENTS [1]

211.411

AIRCRAFT TYPE

SPACE SIZE
(NET sf)

HH-65 only	150
HH-3 only	300
HU-25 only	300
E-2 only	300
HC-130 only	500
HH-65 & HH-3	340
HH-65 & HU-25	340
HH-65 & E-2	375
HH-65 & HC-130	540
HH-3 & HU-25	375
HH-3 & E-2	375
HH-3 & HC-130	575
HU-25 & E-2	375
HU-25 & HC-130	575
E-2 & HC-130	575
HH-65 & HH-3 & HU-25	375
HH-65 & HH-3 & E-2	375
HH-65 & HH-3 & HC-130	575
HH-65 & HU-25 & E-2	575
HH-65 & HU-25 & HC-130	575
HH-3 & HU-25 & E-2	575
HH-3 & HU-25 & HC-130	575
HH-3 & E-2 & HC-130	575

NOTES:

[1] The Oil/Paint/Flammable Storage space requirements are based on the type of aircraft to be located at the station.

METRIC TABLE FF m²

SPACE CODE

PYROTECHNICS STORAGE SPACE REQUIREMENTS [1]

211.415

AIRCRAFT TYPE

SPACE SIZE
(NET m²)

HH-65 only	10
HH-3 only	10
HU-25 only	10
E-2 only	10
HC-130 only	19
HH-65 & HH-3	12
HH-65 & HU-25	12
HH-65 & E-2	12
HH-65 & HC-130	21
HH-3 & HU-25	12
HH-3 & E-2	12
HH-3 & HC-130	21
HU-25 & E-2	12
HU-25 & HC-130	21
E-2 & HC-130	21
HH-65 & HH-3 & HU-25	12
HH-65 & HH-3 & E-2	12
HH-65 & HH-3 & HC-130	21
HH-65 & HU-25 & E-2	12
HH-65 & HU-25 & HC-130	21
HH-3 & HU-25 & E-2	12
HH-3 & HU-25 & HC-130	21
HH-3 & E-2 & HC-130	21

NOTES:

[1] The Pyrotechnics Storage space requirements are based on the type of aircraft to be located at the station.

ENGLISH TABLE FF sf

SPACE CODE

PYROTECHNICS STORAGE SPACE REQUIREMENTS [1]

211.415

AIRCRAFT TYPE

SPACE SIZE
(NET sf)

HH-65 only	100
HH-3 only	100
HU-25 only	100
E-2 only	100
HC-130 only	200
HH-65 & HH-3	125
HH-65 & HU-25	125
HH-65 & E-2	125
HH-65 & HC-130	225
HH-3 & HU-25	125
HH-3 & E-2	125
HH-3 & HC-130	225
HU-25 & E-2	125
HU-25 & HC-130	225
E-2 & HC-130	225
HH-65 & HH-3 & HU-25	125
HH-65 & HH-3 & E-2	125
HH-65 & HH-3 & HC-130	225
HH-65 & HU-25 & E-2	125
HH-65 & HU-25 & HC-130	225
HH-3 & HU-25 & E-2	125
HH-3 & HU-25 & HC-130	225
HH-3 & E-2 & HC-130	225

NOTES:

[1] The Pyrotechnics Storage space requirements are based on the type of aircraft to be located at the station.

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**INDIVIDUAL SPACE SIZES
MAINTENANCE - BOAT/CUTTER**

Property Use Code - 213

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>BOATS - UNIT LEVEL MAINTENANCE</u>			213.001
BOATSWAIN SHOP			213.002
Workstation	14	150	213.003
Parts Storage	28	300	213.401
ELECTRONICS/TELEPHONE (ET/TT) SHOP [1], [2]			213.004
Shop			213.005
size per required workstation or mock-up	10	100	213.006
minimum size	19	200	213.007
Parts/Tool Storage			213.402
size per workstation	10	100	213.403
minimum size	19	200	213.404
MACHINE AND ENGINE (MK) SHOP			213.008
Work Bay			213.009
for up to 6401 mm (21 ft) boats	56	600	213.010
for up to 12497 mm (41 ft) boats [3]	126	1350	213.011
Outboard Engine Test	10	100	213.012
Parts/Tool Storage	28	300	213.405
FLAMMABLE STORAGE [4]	4	40	213.406
BATTERY STORAGE	3	25	213.407
SMALL BOAT STORAGE [4]	----- [5]	----- [5]	

NOTES:

- [1] This space must be justified by having ET/TT billets assigned to the facility.
- [2] This space should be combined with other ET SHOPS where possible.
- [3] If boats up to 12497 mm (41 ft) are assigned and where severe weather conditions require indoor maintenance for operational readiness.
- [4] This space is not required if the facility is collocated with either a Group or Multi-Mission Station.
- [5] See the Individual Space Sizes for Land Operations.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - BOAT/CUTTER**

Property Use Code - 213

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>BOATS - INTERMEDIATE LEVEL MAINTENANCE</u>			213.030
BOAT MAINTENANCE SHOP			213.031
Work Bay for boats up to 16764 mm (55 ft)	223	2400	213.032
Machine (MK) Shop	61	650	213.033
Outboard Engine Test	10	100	213.034
Parts Storage	61	650	213.430
CARPENTRY (DC) SHOP			213.035
Shop & Assembly Area	47	500	213.036
Storage	28	300	213.431
ELECTRICAL (EM) SHOP [1]			213.037
Shop (size per required workstation)	14	150	213.038
Parts/Tool Storage (size per workstation)	10	100	213.432
ELECTRONICS (ET) SHOP			213.039
Shop			213.040
size per required workstation or mock-up	10	100	213.041
minimum size	19	200	213.042
Parts/Tool Storage			213.433
size per workstation	10	100	213.434
minimum size	19	200	213.435
Shop Manuals/ADP Station	----- [2]	----- [2]	
TELEPHONE (TT) SHOP			
213.043			
Shop (size per required workstation)	14	150	213.044
Parts/Tool Storage (size per workstation)	10	100	213.436
FLAMMABLE STORAGE [3]	8	80	213.437

NOTES:

[1] This space required only at units with no Facilities Engineering Shop.

[2] See the Individual Space Sizes for Administrative.

[3] This space should be combined with other FLAMMABLE STORAGE spaces if and wherever possible.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - BOAT/CUTTER**

Property Use Code - 213

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>BOATS - DEPOT LEVEL MAINTENANCE [1]</u>			213.050
BATTERY SHOP	10	100	213.051
CARPENTRY (DC) SHOP			213.052
Shop	140	1500	213.053
Storage	84	900	213.450
ELECTRICAL (EM) SHOP			213.054
Shop (size per required workstation)	14	150	213.055
Parts/Tool Storage (size per workstation)	10	100	213.451
ELECTRONICS (ET) SHOP			213.056
Shop			213.057
size per required workstation or mock-up	10	100	213.058
minimum size	19	200	213.059
Parts/Tool Storage			213.452
size per workstation	10	100	213.453
minimum size	19	200	213.454
Shop Manuals/ADP Station	----- [2]	----- [2]	
FIBERGLASS SHOP			213.060
Work Bay for 9754 mm (32 ft) boat	93	1000	213.061
Fiberglass Storage	19	200	213.455
FUEL INJECTION SHOP	24	250	213.062
PAINT SHOP			213.063
Booth for 16764 mm (55 ft) boat	214	2300	213.064
Paint Mixing & Storage	38	400	213.456
SAND BLASTING EQUIPMENT STORAGE	28	300	213.457
TELEPHONE (TT) SHOP			213.065
Shop (size per required workstation)	14	150	213.066
Parts/Tool Storage (size per workstation)	10	100	213.458

NOTES:

[1] These shop spaces must be justified by types of boats to be maintained and/or by the billets assigned to the facility.

[2] See the Individual Space Sizes for Administrative.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - BOAT/CUTTER**

Property Use Code - 213

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>BOATS - DEPOT LEVEL MAINTENANCE (CONT.) [1]</u>			213.050
WEAPONS AUGMENTATION TEAM SHOP (DISTRICT)	38	400	213.067
WELDING/METAL SHOP			213.068
Work Bay for up to 16764 mm (55 ft) boats	223	2400	213.069
Engine Test (Dynamometer)	65	700	213.070
Machine Shop	186	2000	213.071
Tool/Parts Storage	56	600	213.459
Gas Storage	19	200	213.460
FLAMMABLE STORAGE	19	200	213.461
<u>33528 mm (110 ft) WPB - UNIT LEVEL MAINTENANCE [2], [3]</u>			213.080
ELECTRONICS (ET) SHOP			213.081
Shop			213.082
size per required workstation or mock-up	10	100	213.083
minimum size	19	200	213.084
Parts/Tool Storage (size per workstation)	10	100	213.480
MACHINE AND ENGINE (MK) SHOP			213.085
Size Per Required MK/DC/EM/GM Workstation	10	100	213.086
Minimum Size	28	300	213.087
CUTTER OFFICE	24	250	213.088
CUTTER STORAGE	24	250	213.481
CUTTER FLAMMABLE STORAGE	4	40	213.482
CUTTER PARTS/TOOL STORAGE			
Size Per WPB Assigned	38	400	213.483
TRAILER [3]			
One Per Every WPB Assigned			

NOTES:

[1] These shop spaces must be justified by types of boats to be maintained and/or by the billets assigned to the facility.

[2] DEPOT LEVEL MAINTENANCE is performed at the CG Yard or contracted out.

[3] These spaces are in accordance with COMDTINST M 4082.2 (series) Operational Logistics Support Plan (OLSP) for the Island Class 110' WPBS.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - BOAT/CUTTER**

Property Use Code - 213

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>CUTTER MAINTENANCE AUGMENTATION TEAM (MAT)</u>			
<u>UNIT LEVEL MAINTENANCE [1]</u>			213.090
ELECTRICAL (EM) SHOP			213.091
Shop			213.092
size per 3 EM assigned [2]	10	100	213.093
minimum size	19	200	213.094
Parts/Tool Storage (size per EM assigned)	14	150	213.490
MACHINE AND ENGINE (MK) SHOP			213.095
Shop			213.096
workstations (size per 3 MK/DC//GM assigned) [2]	10	100	213.097
minimum size	19	200	213.098
Welding Booth	24	250	213.099
Outboard Engine Test	10	100	213.100
Parts/Tool Storage	10	100	213.091
Portable Equipment Storage	24	250	213.092
TECHNICAL MANUAL FILES	19	200	213.101
FLAMMABLE STORAGE	8	80	213.093

NOTES:

[1] DEPOT LEVEL MAINTENANCE is performed at the CG Yard or contracted out.

[2] Based on 33% of time spent at the workbenches, 67% on ship.

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**INDIVIDUAL SPACE SIZES
MAINTENANCE - FACILITIES ENGINEERING**

Property Use Code - 219

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>ARCHITECTURAL/STRUCTURAL MAINTENANCE</u>			219.001
CARPENTRY SHOP			219.002
Shop Assembly Area [1]	10	100	219.003
Shop Equipment			219.004
band saw	21	225	219.005
belt/circular sander	12	120	219.006
belt sander	14	145	219.007
drill press	13	140	219.008
glass cutter	4	40	219.009
grinder	5	50	219.010
jigsaw	5	50	219.011
jointer	19	200	219.012
lathe	3	30	219.013
planer	12	120	219.014
radial arm saw	16	170	219.015
shaper	11	110	219.016
table saw	25	265	219.017
tool storage (size per DC/carpenter assigned)	1	10	219.018
vertical saw	12	120	219.019
work bench (size per every two DC's/carpenters assigned)	6	60	219.020
CARPENTRY SHOP STORAGE			219.400
Secured Shop Storage	Table A m ²	Table A sf	219.401
Wood Storage	Table B m ²	Table B sf	219.402
Materials Storage	Table C m ²	Table C sf	219.403
GROUPS MAINTENANCE			219.030
Grounds Maintenance Storage	19	200	219.430
Grounds Maintenance Vehicle Garage	19	200	219.031
Lawn Maintenance Storage [2]	19	200	219.431
Lawn Mower Engine Shop [2] (grinder, work area, work bench)	19	200	219.032
Lawn Mower Engine Shop Storage [2]	19	200	219.432
Roads Maintenance Storage [2]	19	200	219.433
Snow Removal Equipment/Supplies [2]	38	400	219.033

NOTES:

[1] This space is required in all Carpentry Shops.

[2] This space is in addition to the Grounds Maintenance Storage and the Grounds Maintenance Vehicle Garage. Individual justification is required for this space.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - FACILITIES ENGINEERING**

Property Use Code - 219

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>ARCHITECTURAL/STRUCTURAL MAINTENANCE (CONT.)</u>			219.001
LOCK SHOP			219.040
Shop Area and Storage	12	120	219.041
PAINT SHOP			219.050
Shop Circulation [1]	10	100	219.051
Shop Equipment			219.052
custom color machine	3	30	219.053
lettering machine	3	25	219.054
paint shaker	3	25	219.055
Paint/Supplies Storage [2] (flammable paint lockers)	28	300	219.450
<u>ELECTRICAL MAINTENANCE</u>			219.060
ELECTRICAL SHOP			219.061
Shop Circulation [3]	14	150	219.062
Shop Equipment			219.063
drill press	10	105	219.064
grinder	2	15	219.065
threader	6	60	219.066
work bench (size per every two EM's/electricians assigned)	6	60	219.067
ELECTRICAL SHOP STORAGE			219.460
Secured Shop Storage	Table D m ²	Table D sf	219.461
Secured Materials/Lamp Storage	Table E m ²	Table E sf	219.462

NOTES:

- [1] This space is required in all Paint Shops.
- [2] Additional storage may be required in remote locations.
- [3] This space is required in all Electrical Shops.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - FACILITIES ENGINEERING**

Property Use Code - 219

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>MECHANICAL MAINTENANCE</u>			219.070
AIR CONDITIONING AND REFRIGERATION SHOP			219.071
Air Filter Storage	10	100	219.470
Shop Area	19	200	219.072
Shop Storage	10	100	219.471
HEATING SHOP			219.080
Shop Area	12	120	219.081
Shop Storage	10	100	219.480
PIPE FITTING SHOP			219.090
Shop Circulation [1]	10	100	219.091
Shop Equipment			219.092
arc welder	3	30	219.093
band saw	15	160	219.094
drill press	11	110	219.095
grinder	5	50	219.096
portable threader	1	10	219.097
portable welder	2	15	219.098
threader	6	65	219.099
welding table	9	90	219.100
work bench	6	60	219.101
PIPE FITTING STORAGE	Table F m ²	Table F sf	219.480
SHEET METAL SHOP			219.120
Shop Circulation [2]	10	100	219.121
Shop Equipment			219.122
brake	22	230	219.123
cutter	14	150	219.124
lock former	17	180	219.125
roller	10	100	219.126
Shop Storage	19	200	219.420

NOTES:

- [1] This space is required in all Pipe Fitting Shops.
[2] This space is required in all Sheet Metal Shops.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - FACILITIES ENGINEERING**

Property Use Code - 219

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>VEHICLE MAINTENANCE</u>			219.140
<u>MOTOR POOL</u>			219.141
Automotive Bay	34	360	219.142
Automotive Bay With Lift	34	360	219.143
Heavy Equipment Bay [1]	60	640	219.144
Heavy Equipment Bay With Lift [1]	60	640	219.145
Shop Equipment			219.146
balance	2	20	219.147
battery charger	2	20	219.148
battery tester	2	20	219.149
brake lathe	2	20	219.150
diagnostic tester	2	20	219.151
drill press	2	20	219.152
grinder	2	20	219.153
hydraulic press	2	20	219.154
spark plug tester	2	20	219.155
solvent cleaner	2	20	219.156
tire mount	2	20	219.157
tool box [2]	2	20	219.158
oil drum	2	20	219.159
work bench [3]	2	20	219.160
<u>MOTOR POOL STORAGE</u>			219.440
Automotive Bay Storage	28	300	219.441
(with or without lift)	14	150	219.442
Heavy Equipment Bay Storage	33	350	219.443
(with or without lift)	14	150	219.444

NOTES:

- [1] Individual justification for this space is required.
- [2] One tool box per MK/auto mechanic assigned.
- [3] One work bench per two MK/auto mechanics assigned.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - FACILITIES ENGINEERING**

Property Use Code - **219**

**METRIC TABLE A m²
SECURED SHOP STORAGE [1]**

SPACE CODE
219.401

TOTAL CARPENTRY SHOP SIZE

SPACE SIZE
(NET m²)

10 - 38	none
39 - 75	5
76 - 121	10
122 - 186	14
Above 186	19

**ENGLISH TABLE A sf
SECURED SHOP STORAGE [1]**

SPACE CODE
219.401

TOTAL CARPENTRY SHOP SIZE

SPACE SIZE
(NET sf)

100 - 400	none
401 - 800	50
801 - 1300	100
1301 - 2000	150
Above 2000	200

NOTES:

[1] In remote locations additional storage may be required.

INDIVIDUAL SPACE SIZES
MAINTENANCE - FACILITIES ENGINEERING

Property Use Code - 219

METRIC TABLE B m²
WOOD STORAGE [1]

SPACE CODE
219.402

TOTAL CARPENTRY SHOP SIZE

SPACE SIZE
(NET m²)

10 - 38	10
39 - 75	19
76 - 121	28
122 - 186	38
Above 186	47

ENGLISH TABLE B sf
WOOD STORAGE [1]

SPACE CODE
219.402

TOTAL CARPENTRY SHOP SIZE

SPACE SIZE
(NET sf)

100 - 400	100
401 - 800	200
801 - 1300	300
1301 - 2000	400
Above 2000	500

NOTES:

[1] In remote locations additional storage may be required.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - FACILITIES ENGINEERING**

Property Use Code - 219

**METRIC TABLE C m²
MATERIALS STORAGE [1] & [2]**

SPACE CODE
219.403

TOTAL CARPENTRY SHOP SIZE

SPACE SIZE
(NET m²)

10 - 38	5
39 - 75	10
76 - 121	19
122 - 186	28
Above 186	38

**ENGLISH TABLE C sf
MATERIALS STORAGE [1] & [2]**

SPACE CODE
219.403

TOTAL CARPENTRY SHOP SIZE

SPACE SIZE
(NET sf)

100 - 400	50
401 - 800	100
801 - 1300	200
1301 - 2000	300
Above 2000	400

NOTES:

[1] In remote locations additional storage may be required.

[2] Materials Storage includes square footage for the fire protection equipment.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - FACILITIES ENGINEERING**

Property Use Code - 219

**METRIC TABLE D m²
SECURED SHOP STORAGE [1]**

SPACE CODE
219.461

TOTAL ELECTRICAL SHOP SIZE

SPACE SIZE
(NET m²)

14 - 26

10

27 - 33

24

Above 34

28

**ENGLISH TABLE D sf
SECURED SHOP STORAGE [1]**

SPACE CODE
219.461

TOTAL ELECTRICAL SHOP SIZE

SPACE SIZE
(NET sf)

150 - 280

100

281 - 350

250

Above 351

300

NOTES:

[1] In remote locations additional storage may be required.

INDIVIDUAL SPACE SIZES
MAINTENANCE - FACILITIES ENGINEERING

Property Use Code - **219**

METRIC TABLE E m²
SECURED MATERIALS/LAMP STORAGE [1]

SPACE CODE
219.462

TOTAL ELECTRICAL SHOP SIZE

SPACE SIZE
(NET m²)

14 - 26	10

27 - 33	19

Above 34	24

ENGLISH TABLE E sf
SECURED MATERIALS/LAMP STORAGE [1]

SPACE CODE
219.462

TOTAL ELECTRICAL SHOP SIZE

SPACE SIZE
(NET sf)

150 - 280	100

281 - 350	200

Above 351	250

NOTES:

[1] In remote locations additional storage may be required.

**INDIVIDUAL SPACE SIZES
MAINTENANCE - FACILITIES ENGINEERING**

Property Use Code - **219**

METRIC TABLE F m²
PIPE FITTING SHOP STORAGE [1]

SPACE CODE
219.480

TOTAL PIPE FITTING SHOP SIZE

SPACE SIZE
(NET m²)

10 - 61

28

62 - 75

38

Above 75

47

ENGLISH TABLE F sf
PIPE FITTING SHOP STORAGE [1]

SPACE CODE
219.480

TOTAL PIPE FITTING SHOP SIZE

SPACE SIZE
(NET sf)

100 - 650

300

651 - 800

400

Above 800

500

NOTES:

[1] In remote locations additional storage may be required.

**INDIVIDUAL SPACE SIZES
PERSONNEL SUPPORT**

Property Use Code - **900**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>LOBBY AREA</u>			900.001
MAIN LOBBY (Includes Vestibule)			
Less Than 100 Building Users	14	150	900.002
100 to 200 Building Users	19	200	900.003
Above 200 Building Users			
Add Specified Size	5	50	900.004
(per each additional 200 building users)			
<u>PASSENGER/FREIGHT ELEVATOR LOBBY [1]</u>			
Size Per Elevator Per Floor	5	50	900.005
<u>RECEPTION AREAS [2]</u>			900.010
MAIN RECEPTION DESK	10	100	900.011
MANNED SECURITY CHECK POINT			
Main Entrance	5	45	900.012
Subsidiary Entrance	3	25	900.013
SEATED WAITING AREA (Size per Seat)	1.2	12	900.014
STANDING WAITING AREA (Size per Visitor)	0.4	4	900.015
VISITORS COAT AREA (Size per Visitor)	0.1	1	900.016
<u>ALL PUBLIC TOILET REQUIREMENTS</u> (Handicapped Accessible)			900.020
BEQ/BOQ [3]			
Apartments and/ or Bedrooms	Table A m2	Table A sf	900.021
Recruit Berthing Size Per Squad Bay	10	100	900.022
FIRE STATION [3]	Table B m2	Table B sf	900.023
MEDICAL/DENTAL [4]	Table C m2	Table C sf	900.024

NOTES:

[1] Passenger Elevators are permitted in facilities with 4 or more floors, Freight Elevators are permitted as required.

[2] Permitted in addition to a lobby only at building types accessed directly by the general public.

[3] Toilets are in addition to the private bathroom requirements which are listed in the Individual Space Sizes for Bachelor Housing.

[4] Toilets are in addition to the requirements which are listed in the Individual Space Sizes for Health Care,

**INDIVIDUAL SPACE SIZES
PERSONNEL SUPPORT**

Property Use Code - **900**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>ALL PUBLIC AND STAFF TOILET REQUIREMENTS</u> (Handicapped Accessible)			900.030
AIRCRAFT REPAIR SHOPS	Table D m2	Table D sf	900.025
AIR STATION	Table E m2	Table E sf	900.026
APPLIED INSTRUCTION (TRAINING)	Table F m2	Table F sf	900.027
ATON REPAIR SHOPS	Table D m2	Table D sf	900.025
AUTO HOBBY SHOPS	Table D m2	Table D sf	900.025
BOAT REPAIR SHOPS	Table D m2	Table D sf	900.025
CHAPEL	Table G m2	Table G sf	900.028
CLUBS	Table H m2	Table H sf	900.029
EXCHANGE-RESALE/SERVICE	----- [1]	----- [1]	
FACILITIES ENGINEERING SHOPS	Table D m2	Table D sf	900.025
GALLEY/MESS DECK	----- [2]	----- [2]	
GYMNASIUM	Table I m2	Table I sf	900.030
MARINE SAFETY OPERATIONS [3]	Table D m2	Table D sf	900.025
MULTI-MISSION STATION [3]	Table E m2	Table E sf	900.026
OFFICE	Table D m2	Table D sf	900.025
RECREATION CENTER			
Toilets Without Showers	Table H m2	Table H sf	900.029
Toilets With Showers	Table I m2	Table I sf	900.030

NOTES:

- [1] See the Individual Space Sizes for Community Support - Exchange - Resale/Service Spaces for the sizes of this space.
- [2] See the Individual Space Sizes for Dining Spaces for the sizes of this space.
- [3] These toilets are in addition to the wet room toilets that are listed in the Individual Space Sizes for Land Operations.

**INDIVIDUAL SPACE SIZES
PERSONNEL SUPPORT**

Property Use Code - **900**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>OTHER SUPPORT SPACES</u>			900.040
CENTRAL MAIL ROOM			900.041
Building Size 930 m2 to 2788m2 [10,000 to 30,000 sf]	8	80	900.042
Building Size 2789m2 [30,001 sf] or More	10	100	900.043
LAUNDRY ROOM			
Size Per First Washer/Dryer	8	80	900.045
Size Per Additional Washer/Dryer (washer/dryer per each 15 assigned persons)	4	40	900.046
PERSONNEL LOCKERS (Shops Spaces Only)			
Size Per Assigned Person	0.6	6	900.047
PHYSICAL FITNESS AREA [1]			
Size Per Assigned Person	0.8	8	900.048
Minimum Size	19	200	900.049
Maximum Size	112	1200	900.050
SHOP LUNCH AREA			900.051
Size Per Seat	1.4	15	900.052
Minimum Size [2]	24	250	900.053
READING LOUNGE [3]			
Size Per Assigned Person	0.3	3	900.062
Minimum Size	10	100	900.063
Maximum Size	56	600	900.064
RECREATION ROOM			
Size Per Assigned Person	1	10	900.070
Minimum Size	19	200	900.071
Maximum Size	112	1200	900.073
TV ROOM			
Air Station/Multi-Mission Station size per every assigned person	0.5	5	900.074
minimum size	10	100	900.075
maximum size	28	300	900.076

NOTES:

- [1] Permitted only in Bachelor Housing when a Gymnasium or a Recreation Center is not available.
- [2] Provides seating for 10 persons (14 m² [150 sf]) and a kitchenette (10 m² [100 sf]).
- [3] Permitted in Bachelor Housing only.

**INDIVIDUAL SPACE SIZES
PERSONNEL SUPPORT**

Property Use Code - **900**

<u>SPACE NAME</u>	<u>SIZE (NET)</u>		<u>SPACE CODE</u>
	<u>METRIC (m²)</u>	<u>ENGLISH (sf)</u>	
<u>OTHER SUPPORT SPACES (CONT.)</u>			900.040
TV ROOM (CONT.)			
BEQ/BOQ			
Size per every two assigned people	0.5	5	900.087
Minimum size	10	100	900.088
Maximum size	56	600	900.089
VENDING AREA			
Size Per 50 Assigned Persons	6	60	900.090
VISITOR/GUEST LOUNGE			
Size Per Assigned Person	0.3	3	900.091
Minimum Size	10	100	900.092
Maximum Size	56	600	900.093

**INDIVIDUAL SPACE SIZES
PERSONNEL SUPPORT**

Property Use Code - **900**

METRIC TABLE A m²
PUBLIC TOILET REQUIREMENTS

SPACE CODE
900.021

**NUMBER OF APARTMENTS
AND/OR BEDROOMS**

SPACE SIZE [1]
(NET m²)

1 - 40	19
41 - 70	26
71 - 100	31
ABOVE 100 Add (for each additional 30 Apt.'s and/or Br.'s)	5

ENGLISH TABLE A sf
PUBLIC TOILET REQUIREMENTS

SPACE CODE
900.021

**NUMBER OF APARTMENTS
AND/OR BEDROOMS**

SPACE SIZE [1]
(NET sf)

1 - 40	200
41 - 70	275
71 - 100	325
ABOVE 100 Add (for each additional 30 Apt.'s and/or Br.'s)	50

NOTES:

[1] Includes both male and female toilet size requirements.

METRIC TABLE B m²
PUBLIC TOILET REQUIREMENTS

SPACE CODE
 900.023

<u>NUMBER OF ASSIGNED PERSONNEL</u>	<u>SPACE SIZE [1] (NET m²)</u>
1 - 10	19
11 - 20	26
21 - 30	31
31 - 40	35
41 - 50	40
51 - 65	44
66 - 80	49
81 - 100	54
ABOVE 100 Add (for each additional 20 assigned persons)	5

ENGLISH TABLE B sf
PUBLIC TOILET REQUIREMENTS

SPACE CODE
 900.023

<u>NUMBER OF ASSIGNED PERSONNEL</u>	<u>SPACE SIZE [1] (NET sf)</u>
1 - 10	200
11 - 20	275
21 - 30	325
31 - 40	375
41 - 50	425
51 - 65	475
66 - 80	525
81 - 100	575
ABOVE 100 Add (for each additional 20 assigned persons)	50

NOTES:

[1] Includes both male and female toilet size requirements.

METRIC TABLE C m²
PUBLIC TOILET REQUIREMENTS

SPACE CODE
 900.024

<u>NUMBER OF BUILDING USERS</u>	<u>SPACE SIZE [1] (NET m²)</u>
1 - 5	5 [2]
6 - 10	10
11 - 15	26
16 - 30	35
31 - 45	42
46 - 60	49
61 - 75	56
76 - 100	63
ABOVE 100 Add (for each additional 20 assigned persons)	7

ENGLISH TABLE C sf
PUBLIC TOILET REQUIREMENTS

SPACE CODE
 900.024

<u>NUMBER OF BUILDING USERS</u>	<u>SPACE SIZE [1] (NET sf)</u>
1 - 5	50 [2]
6 - 10	100
11 - 15	275
16 - 30	375
31 - 45	450
46 - 60	525
61 - 75	600
76 - 100	675
ABOVE 100 Add (for each additional 20 assigned persons)	75

NOTES:

- [1] Includes both male and female toilet size requirements.
- [2] This will provide a single, unisex, lockable toilet.

METRIC TABLE D m²
PUBLIC/STAFF TOILET REQUIREMENTS

SPACE CODE
 900.025

<u>NUMBER OF ASSIGNED PERSONNEL</u>	<u>SPACE SIZE [1] (NET m²)</u>
1 - 5	5 [2]
6 - 10	10
11 - 15	26
16 - 30	35
31 - 45	42
46 - 60	49
61 - 75	56
76 - 100	63
ABOVE 100 Add (for each additional 20 assigned persons)	7

ENGLISH TABLE D sf
PUBLIC/STAFF TOILET REQUIREMENTS

SPACE CODE
 900.025

<u>NUMBER OF ASSIGNED PERSONNEL</u>	<u>SPACE SIZE [1] (NET sf)</u>
1 - 5	50 [2]
6 - 10	100
11 - 15	275
16 - 30	375
31 - 45	450
46 - 60	525
61 - 75	600
76 - 100	675
ABOVE 100 Add (for each additional 20 assigned persons)	75

NOTES:

[1] Includes both male and female toilet size requirements.

[2] This will provide a single, unisex, lockable toilet.

METRIC TABLE E m²
PUBLIC/STAFF TOILET REQUIREMENTS

SPACE CODE
 900.026

<u>NUMBER OF ASSIGNED PERSONNEL</u>	<u>SPACE SIZE [1] (NET m²)</u>
1 - 10	19
11 - 20	26
21 - 30	31
31 - 40	35
41 - 50	40
51 - 65	45
66 - 80	49
81 - 100	54
ABOVE 100 Add (for each additional 20 assigned persons)	5

ENGLISH TABLE E sf
PUBLIC/STAFF TOILET REQUIREMENTS

SPACE CODE
 900.026

<u>NUMBER OF ASSIGNED PERSONNEL</u>	<u>SPACE SIZE [1] (NET sf)</u>
1 - 10	200
11 - 20	275
21 - 30	325
31 - 40	375
41 - 50	425
51 - 65	475
66 - 80	525
81 - 100	575
ABOVE 100 Add (for each additional 20 assigned persons)	50

NOTES:

[1] Includes both male and female toilet requirements.

METRIC TABLE F m²
PUBLIC/STAFF TOILET REQUIREMENTS

SPACE CODE
900.027

<u>NUMBER OF STUDENTS</u>	<u>SPACE SIZE [1] (NET m²)</u>
1 - 5	5 [2]
6 - 50	19
51 - 100	33
ABOVE 100 Add (for each additional 50 students)	7

ENGLISH TABLE F sf
PUBLIC/STAFF TOILET REQUIREMENTS

SPACE CODE
900.027

<u>NUMBER OF STUDENTS</u>	<u>SPACE SIZE [1] (NET sf)</u>
1 - 5	50 [2]
6 - 50	200
51 - 100	350
ABOVE 100 Add (for each additional 50 students)	75

NOTES:

[1] Includes both male and female toilet requirements.

[2] This will provide a single, unisex, lockable toilet.

METRIC TABLE G m²
PUBLIC TOILET REQUIREMENTS

SPACE CODE
900.028

NUMBER OF SEATS

SPACE SIZE [1]
(NET m²)

1 - 50	19
51 - 100	33
ABOVE 100 Add (for each additional 50 seats)	7

ENGLISH TABLE G sf
PUBLIC/STAFF TOILET REQUIREMENTS

SPACE CODE
900.025

NUMBER OF SEATS

SPACE SIZE [1]
(NET sf)

1 - 50	200
51 - 100	350
ABOVE 100 Add (for each additional 50 seats)	75

NOTES:

[1] Includes both male and female toilet requirements.

METRIC TABLE H m²
PUBLIC/STAFF TOILET REQUIREMENTS

SPACE CODE
900.029

NUMBER OF BUILDING USERS

SPACE SIZE [1]
(NET m²)

1 - 25	19
26 - 50	24
51 - 75	28
76 - 100	33
ABOVE 100 Add (for each additional 40 building users)	7

ENGLISH TABLE H sf
PUBLIC/STAFF TOILET REQUIREMENTS

SPACE CODE
900.029

NUMBER OF BUILDERS USERS

SPACE SIZE [1]
(NET sf)

1 - 25	200
26 - 50	250
51 - 75	300
76 - 100	350
ABOVE 100 Add (for each additional 40 building users)	75

NOTES:

[1] Includes both male and female toilet requirements.

METRIC TABLE I m²
PUBLIC/STAFF TOILET AND SHOWER REQUIREMENTS

SPACE CODE
 900.030

(To find the total Public/Staff Toilet and Shower requirements add the Toilet requirement size to the Shower requirement size.)

TOILET REQUIREMENTS
Total Number of Building Users

SPACE SIZE [1] 900.031
(NET m²)

1 - 25	19
26 - 50	24
51 - 75	28
76 - 100	32
ABOVE 100 Add (for each additional 20 building users)	3

SHOWER REQUIREMENTS
Total Number of Building Users Requiring Showers

SPACE SIZE [2] 900.032
(NET m²)

1 - 15	7
16 - 30	14
31 - 45	19
46 - 60	24
61 - 75	28
76 - 100	33
ABOVE 100 Add (for each additional 20 shower users)	5

NOTES:

- [1] Includes both male and female toilet size requirements
- [2] Includes both male and female shower size requirements

ENGLISH TABLE I sf
PUBLIC/STAFF TOILET AND SHOWER REQUIREMENTS

SPACE CODE
 900.030

(To find the total Public/Staff Toilet and Shower requirements add the Toilet requirement size to the Shower requirement size.)

<u>TOILET REQUIREMENTS</u> <u>Total Number of Building Users</u>	<u>SPACE SIZE [1]</u> <u>(NET sf)</u>	900.031
1 - 25	200	
26 - 50	250	
51 - 75	300	
76 - 100	350	
ABOVE 100 Add (for each additional 20 building users)	25	

<u>SHOWER REQUIREMENTS</u> <u>Total Number of Building Users Requiring Showers</u>	<u>SPACE SIZE [2]</u> <u>(NET sf)</u>	900.032
1 - 15	75	
16 - 30	150	
31 - 45	200	
46 - 60	250	
61 - 75	300	
76 - 100	350	
ABOVE 100 Add (for each additional 20 shower users)	50	

NOTES:

- [1] Includes both male and female toilet size requirements.
- [2] Includes both male and female shower size requirements.

NET TO GROSS MULTIPLIERS

PURPOSE

The purpose is to provide shore facility Net to Gross Multipliers. These multipliers shall be used when planning and programming new shore facility construction projects, with the exception of family housing projects which are discussed below.

DEFINITIONS

- GROSS AREA

The total floor area of a building, outside dimension by outside dimension. It includes full areas of basements, on grade and above grade floors, service and equipment rooms, mechanical equipment rooms, mezzanines, penthouses, enclosed passages, and enclosed raised covered platforms. Gross Area also includes of the area of covered open porches, covered passages, and uncovered raised platforms.

- NET AREA

The total programmed space requirements. The clear floor area required for a space to perform its assigned function, including bathrooms and mechanical equipment spaces. Net Area does not include exterior walls, interior partitions, furred-out space, chases, horizontal circulation (corridors), or vertical circulation (stairs and elevators).

- NET TO GROSS MULTIPLIER

The number used to multiply the Net Area by to obtain the Gross Area. The Net to Gross multiplier is the inverse of the Net to Gross Ratio.

- NET TO GROSS RATIO

The ratio of the building Net Area to the building Gross Area. Net Area divided by Gross Area equals the Net to Gross Ratio.

- ADJUSTMENT FACTOR

One or more factors that are used to adjust the Net to Gross Multiplier(s) to conform to individual project requirements.

- FAMILY HOUSING

The definition of Net to Gross Areas for family housing is dictated by the Office of Management and Budget Circular, OMB A-45 (see Civil Engineering Manual). The definitions above do not apply to family housing

NET TO GROSS MULTIPLIERS

The following Net to Gross Multipliers can be used for either single function facilities or combined for multi-function facilities. A multi-function facility would have a combination of Net to Gross Multipliers, based on the total net area that each "Building Type" occupies of the total building Net Area. These Multipliers are not to be applied to interior space renovation projects that do not require added horizontal circulation (corridors), vertical circulation (stairs & elevators), or greatly increased interior partitions (3 to 4 times the length of the original partitions). If required for one of these reasons, they will be partially applied and approved by Commandant.

NET TO GROSS MULTIPLIERS

TOTAL NET AREA

	930 m² (10,001 sf)	930 m² to 3,716 m² (40,000 sf)	OVER 3,717 m² (40,001 sf)
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BUILDING TYPES

AIRCRAFT REPAIR SHOPS			
Shops	1.24	1.21	1.18
Storage	1.12	1.09	1.06
Hangar Deck	1.13	1.11	1.08
AIR STATION	1.31 [1]	1.28 [1]	1.25 [1]
APPLIED INSTRUCTION (TRAINING)	1.40	1.37	1.34
ATON REPAIR SHOPS			
Shops	1.24	1.21	1.18
Storage	1.12	1.09	1.06
AUTO HOBBY SHOPS	1.17	1.14	1.11
BEQ/BOQ	1.33	1.30	1.27
BOAT REPAIR SHOPS			
Shops	1.24	1.21	1.18
Storage	1.12	1.09	1.06
CHAPEL	1.26	1.23	1.20
CLUBS	1.31	1.28	1.25
EXCHANGE-RESALE/SERVICE	1.24	1.21	1.18
FACILITIES ENGINEERING SHOPS			
Shops	1.24	1.21	1.18
Storage	1.12	1.09	1.06
FIRE STATION	1.24	1.21	1.18
GALLEY/MESS DECK	1.23	1.20	1.17
GATE HOUSE	1.05	N/A	N/A
GYMNASIUM	1.23	1.20	1.17
MARINE SAFETY OPERATIONS	1.26	1.23	1.20
MEDICAL/DENTAL	1.57	1.55	1.51
MULTI-MISSION STATION	1.31 [2]	1.28 [2]	1.25 [2]
OFFICE	1.25	1.22	1.19
RECREATION CENTER	1.24	1.21	1.18

NOTES:

[1] The Air Station multiplier is already multi-functional, and includes Offices, BEQ/BOQ, Aircraft Repair Shops and Shop Storage spaces, but it does not include the Hangar Deck space.

[2] This multiplier is multi-functional, and includes all functions required for a Multi-Mission Station.

NET TO GROSS MULTIPLIERS

The Net to Gross Multipliers are based on a basic building consisting of the following components; up to a nominal 153 mm (6") thick exterior wall, interior stud partitions, single building function (except where indicated), no vertical circulation, and horizontal circulation up to 1524 mm (5'-0") wide. In determining the total Gross Area of the facility multiply, if required, the total Net Area by one or more of the following applicable Adjustment Factors.

ADJUSTMENT FACTORS

	<u>TOTAL NET AREA</u>		
	<u>UNDER</u> <u>929 m²</u> <u>(10,000 sf)</u>	<u>930 m²</u> <u>(10,001 sf)</u> <u>to 3,716 m²</u> <u>(40,000 sf)</u>	<u>OVER</u> <u>3,717 m²</u> <u>(40,001 sf)</u>
<u>ADDITIONAL COMPONENTS</u>			
THICKER EXTERIOR WALLS [1]	.020	.015	.010
INTERIOR MASONRY PARTITIONS	.015	.010	.005
MULTI-FUNCTION BUILDINGS [2]	.015	.010	.005
VERTICAL CIRCULATION [3]	.04/floor	.03/floor	.02/floor
HORIZONTAL CIRCULATION (Over 1524 mm (5'-0") wide)	----- [4]	----- [4]	----- [4]

EXAMPLE: There is a requirement for a combined two-story office and applied instruction facility. Based on the applicable space components listed for Office and Applied Instruction in the Components Matrix it has been determined that 630 m² (6781 sf) are required for the Office and 390 m² (4198 sf) are required for the Applied Instruction. Follow the format below to determine the total Gross Area of the building.

TOTAL NET AREA: 630 m² (6,781 sf)+ 390 m² (4,198 sf) = 1,020 m² (10,979 sf) falls between 930 m² (10,001 sf) and 3,717 m² (40,000 sf)

FINDING TOTAL GROSS AREA

NET TO GROSS MULTIPLIERS 930 m² (10,001 sf) to 3,716 m² (40,000 sf)

Office: 1.22 x 630 m² (6,781 sf) = 769 m² (8,273 sf) Gross Area

Applied Instruction: 1.37 x 390 m² (4,198 sf) = 534 m² (5,751 sf) Gross Area

ADJUSTMENT FACTORS 930 m² (10,001 sf) to 3,716 m² (40,000 sf)

Multi-Function Building: .010 x 1,020 m² (10,979 sf) = 10 m² (108 sf) Gross Area

Vertical Circulation: .03/floor x 2 floors x 1,020 m² (10,979 sf) [3] = 75 m² (800 sf) Gross Area

TOTAL BUILDING SIZE

= 1388 m² (14932 sf) Gross Area

NOTES:

[1] Walls thicker than 153 mm (6") such as load bearing masonry, or brick veneer wall, etc.

[2] Multi-Mission Station and Air Station Net to Gross Multipliers already include this Adjustment Factor.

[3] Minimum 75m²[800 gsf] is required for vertical circulation for a 2 story building.

[4] The appropriate Adjustment Factors have already been applied to the Net to Gross Multipliers for those Building Types that have horizontal circulation over 1524 mm (5'-0") wide.

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GLOSSARY

ASSIGNED PERSON

Any military and/or civilian employee who is assigned to work or reside within the building.

BUILDING USERS

The total number of assigned persons, guests and visitors, that can occupy the building at any one time.

ENGLISH

A system of weights and measures based on the inch and on the pound. Known as the English or Inch-Pound system of measurement.

INDIVIDUAL SPACE SIZE

A tabulation of minimum space required to perform a specific task grouped by like functions (space components).

METRIC

A decimal system of weights and measures based on the meter and on the kilogram. Known as the Metric, Systeme International, or SI system of measurement.

SPACE CODE

A six digit code that is assigned to each Individual Space Size. The first three digits of the space code indicates the space component in which the individual space size is associated.

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CUSTOMER FEEDBACK

CHAPTER TO BE DEVELOPED

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