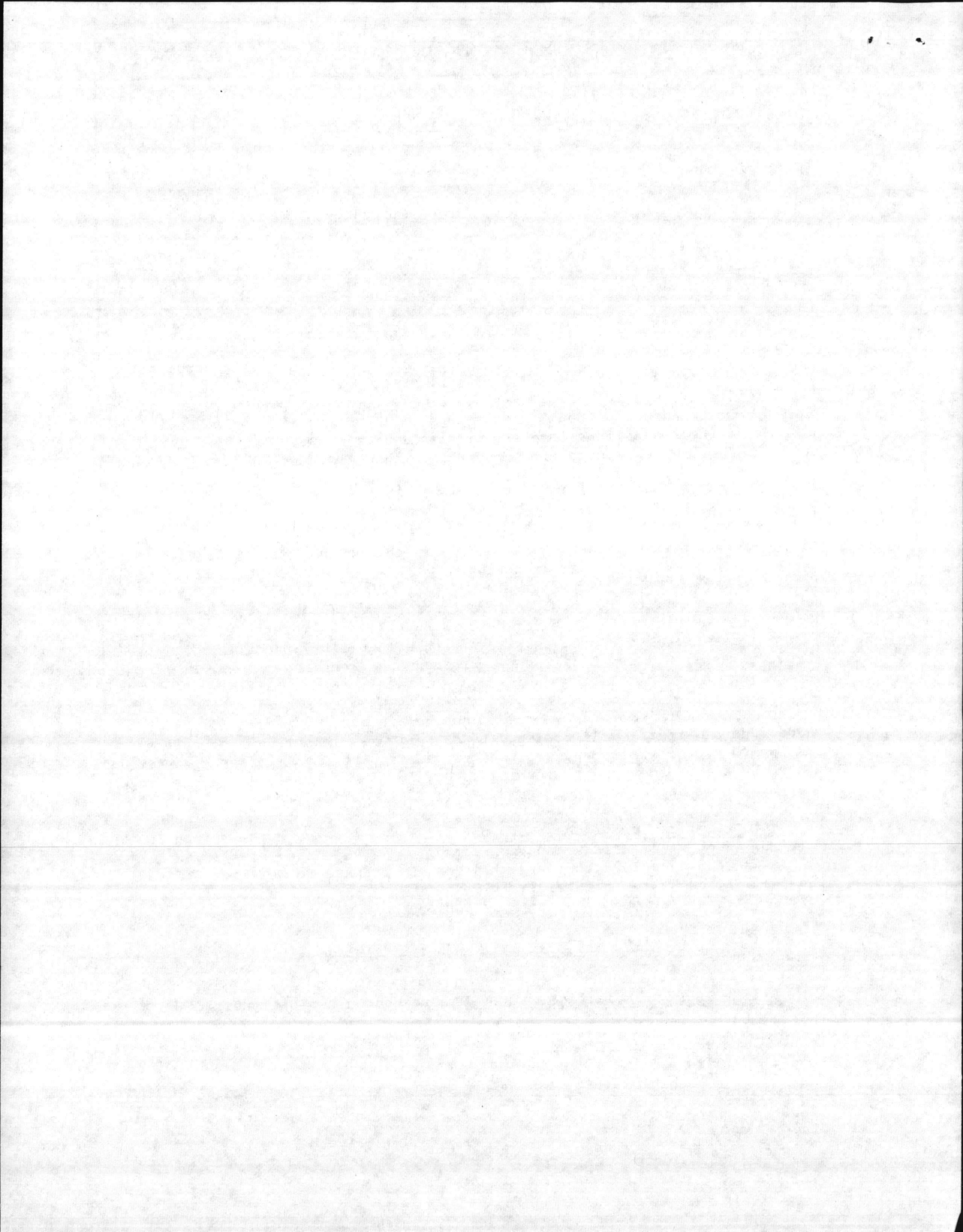


1. COMPONENT NAVY	FY 19 <u>90</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 8 MAY 87
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION, NEW RIVER, JACKSONVILLE, NC		
4. PROJECT TITLE FACILITY STUDY - CORROSION CONTROL HANGAR	5. PROJECT NUMBER P-433	
<p>4. <u>Cost Estimate.</u> Area cost factor for Camp Lejeune, NC is .95, NAVFAC DM-10 (May 1982), Cost Engineering Criteria and Cost Data. The book data is escalated to 1 April 1988 to provide the cost for these proposed facilities. The contingency factor is 5%. The cost growth factor has been computed using the NAVFAC cost project estimates.</p> <p>5. <u>Justification for Project and for Scope of Project.</u></p> <p>a. <u>Justification for Project.</u> This project is required to support the Corrosion Control Program for 200 plus aircraft. This program is described in Technical Manual NAVAIR 01-1A-509. New River cannot presently support this requirement and without this project, will not be able to do so in the future as these facilities are essentially non-existent. The need for this project has been expressed and supported by the Commanding General, Second Marine Air Wing. The lack of facilities were the subject of message traffic to COMNAVAIRLANT in 1980 (see enclosure (2)).</p> <p>Outside wash racks are not suitable for year-round washing of aircraft. The present wash racks were constructed in the late 1960's and have been unreliable since their inception.</p> <p>The facility is required to provide an appropriate area for painting. At present, the designated area is outside. Polyurethane paints containing isocyanates are used in aircraft painting. The indoor facility will provide year-round capability for corrosion treatment independent of climate conditions.</p> <p>Should this proposed project not be provided, a successful Corrosion Control Program will continue to be seriously impacted. The safety and welfare of FMF personnel operating the aircraft involved has to be in jeopardy due to the inadequate program. Valuable assets (helicopters) will deteriorate at accelerated rates due to inefficient programs.</p> <p>b. <u>Justification of Scope of Project.</u> The scope of this project is the minimum which will satisfy the requirement. The main shop area is just large enough to enclose the largest aircraft attached to New River (CH-53E) and will allow up to three aircraft at a time. This will allow a cycling of all aircraft through the facility during their prescribed cycles.</p> <p>6. <u>Equipment Provided from Other Appropriations.</u> Not available at this time.</p> <p>7. <u>Common Support Facilities.</u> There are no common support facilities.</p>		



1. COMPONENT NAVY	FY 19 90 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 8 MAY 87
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3. INSTALLATION AND LOCATION
MARINE CORPS AIR STATION, NEW RIVER, JACKSONVILLE, NC

4. PROJECT TITLE FACILITY STUDY - CORROSION CONTROL HANGAR	5. PROJECT NUMBER P-433
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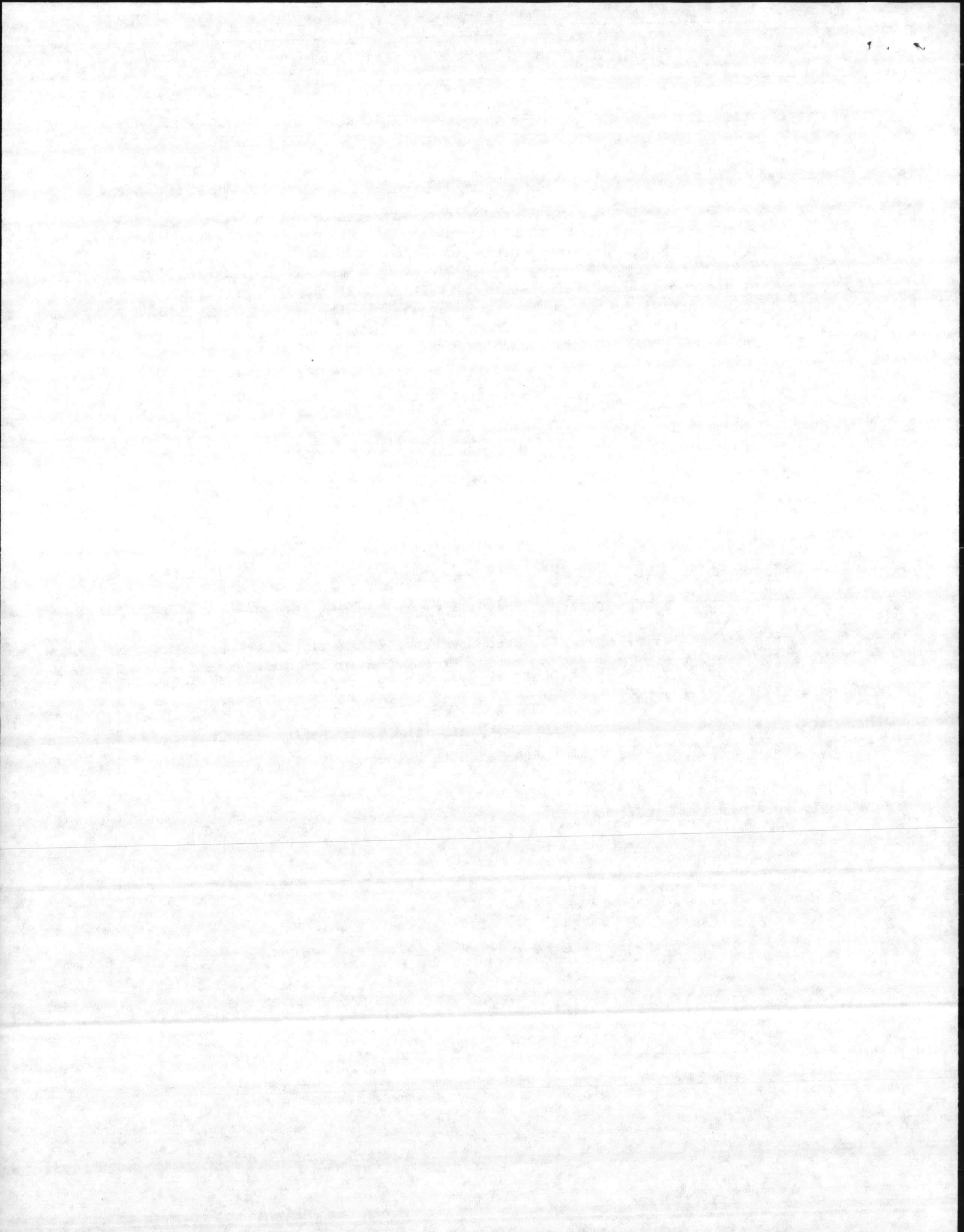
b. Effect on Other Resources. This project will require approximately \$39,701 per year in increased O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. The project will enhance and improve the morale of personnel presently working in widely dispersed facilities. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.

UTILITY REQUIREMENTS

a. Electricity	Consumption	<u>800,000</u>	KWHR/yr
	Peak Demand	<u>200</u>	KW
b. Steam	Consumption	<u>575,143</u>	LBS/yr
	Demand	<u>66</u>	LBS/hr
c. Heating Oil Type #6	Consumption	<u>4,754</u>	GAL/yr

- 9. Siting of Project. See enclosure (3).
- 10. Other Graphic Presentation, Including Photographs. See enclosure (4).
- 11. Economic Analysis. Type II, Secondary Economic Analysis. Construction of a new facility is the only possible alternative for correcting the existing deficiency. There are no facilities available for conversion or rehabilitation in the category code.
- 12. Environmental Impact. An environmental impact assessment of the area has been made and it has been determined that this project will have neither a significant impact on the environment nor is it highly controversial.
- 13. Quantitative Data.

a. Unit of Measure:	SF
b. Total Requirement:	11,152
c. Existing Substandard:	0
d. Existing Inadequate:	0
e. Existing Adequate:	0
f. Other Assets, Not in Inventory:	0



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<p>g. Funded, Not in Inventory: 0</p> <p>h. Adequate Assets: 0</p> <p>i. Deficiency: 11,152</p> <p>14. <u>Maintenance Facilities.</u> Technical Manual NAVAIR 01-1A-509 describes Corrosion Control Program required for aircraft. New River does not have any corrosion control facilities to implement this program effectively. There are an average of 200 aircraft attached here at all times. Enclosure (1) substantiates the lack of facilities. NAVFAC P-80 was utilized and additional guidance from NAVAIR Technical Manual 01-1A-509 were used in developing this project.</p> <p>15. <u>Morale, Welfare and Recreation Facilities.</u> N/A</p> <p>16. <u>Relocation Facilities.</u> N/A</p> <p>17. <u>Storage Facilities.</u> DOD Directive 4145.19 is unavailable at this time. Project will be upgraded upon receipt, if relevant.</p> <p>18. <u>Hazards Identification, Assessment and Analysis.</u> Safety and occupational health standards as described by OPNAVINST 5100.24 shall be observed in the design of this project to provide control of significant occupational safety and health hazards including noise, ventilation and hazardous materials.</p>		

