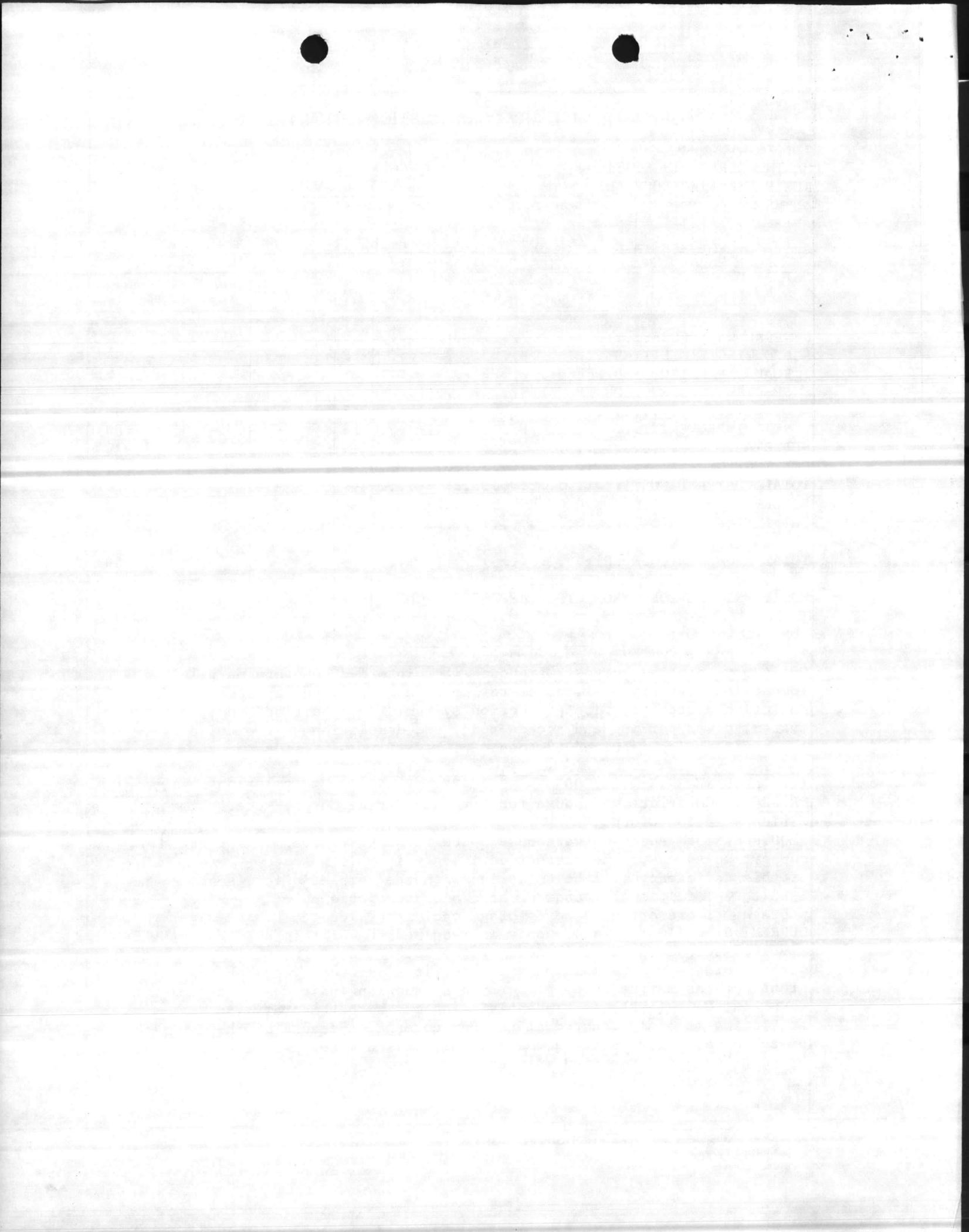
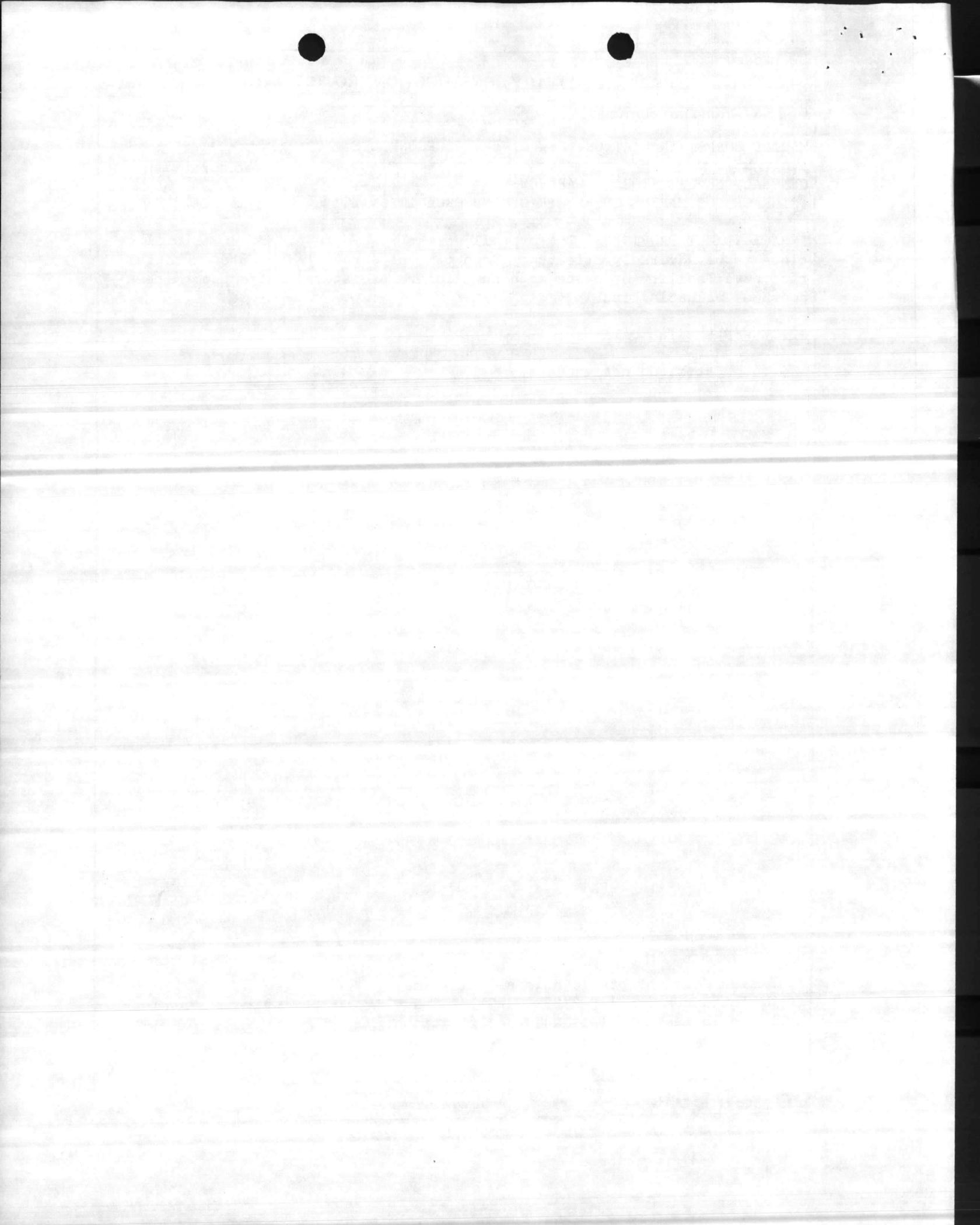
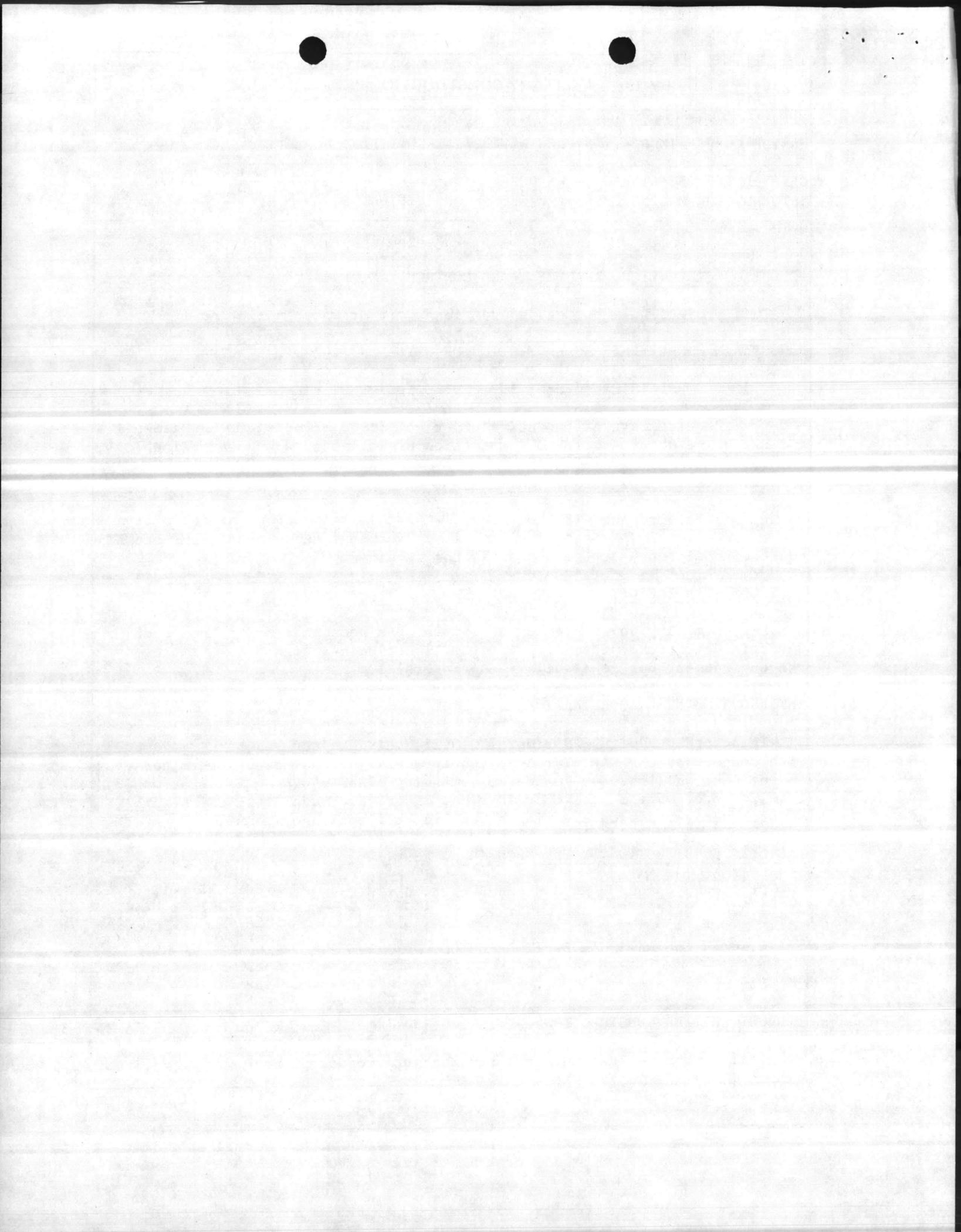


1. COMPONENT NAVY		FY 19 ⁸⁸ MILITARY CONSTRUCTION PROJECT DATA			2. DATE 2 DEC 85	
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION, NEW RIVER, JACKSONVILLE, NC			4. PROJECT TITLE GENERAL PURPOSE STORAGE WAREHOUSE			
5. PROGRAM ELEMENT		6. CATEGORY CODE 441-10	7. PROJECT NUMBER P-185		8. PROJECT COST (\$000) 3,200	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
GENERAL WAREHOUSE.....		SF	60,000	39.00	2,340	
SUPPORTING FACILITIES.....		LS	-	-	588	
ROADS, PARKING, SIDEWALK.....		LS	-	-	(140)	
SPECIAL CONSTRUCTION FEATURES.....		LS	-	-	(100)	
UTILITIES.....		LS	-	-	(268)	
SITE IMPROVEMENT.....		LS	-	-	(80)	
SUBTOTAL.....		--	-	-	2,928	
CONTINGENCY (5%).....		--	-	-	146	
TOTAL CONTRACT COST.....		--	-	-	3,074	
SUPERVISION, INSPECTION & OVERHEAD (5.5%).....		--	-	-	169	
TOTAL REQUEST.....		--	-	-	3,243	
TOTAL REQUEST (ROUNDED).....		--	-	-	3,200	
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS..		--	(NON-ADD)	-	(0)	
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
One story, general purpose warehouse of reinforced concrete on pile foundation, masonry wall, concrete floors and roof, energy conservation, pollution abatement, fire protection system, air condition/dehumidification system, paved parking and access road, and demolition of two buildings. Air conditioning required 48 tons.						
11. REQUIREMENTS: <u>120,900 SF</u> ADEQUATE: <u>27,661 SF</u> SUBSTANDARD: <u>71,777 SF</u> PROJECT: Construct warehouse for Navy and Marine Corps Property for a Marine Aviation Group. REQUIREMENTS: Adequate warehouse space to support seven flying and two support squadrons. The current deficiency is 93,239 square feet. 30,000 SF of this deficiency will be satisfied with the completion of P-357. Since 1982 three additional squadrons have been commissioned at New River without storage. There are no other storage facilities located at New River. CURRENT SITUATION: Group supply is required to maintain a 90 day stocking level of support parts. Because of the lack of storage space, only a 30 day stocking level is maintained. Additional storage requirements for areas such as Marine Corps property and squadron Individual Material Readiness List Gear (IMRL) is presently being met with temporary, inadequate facilities remotely located at another command. Because of the severe lack of adequate, secure storage, additional items are being stored in hangar bays, taking away required maintenance space.						

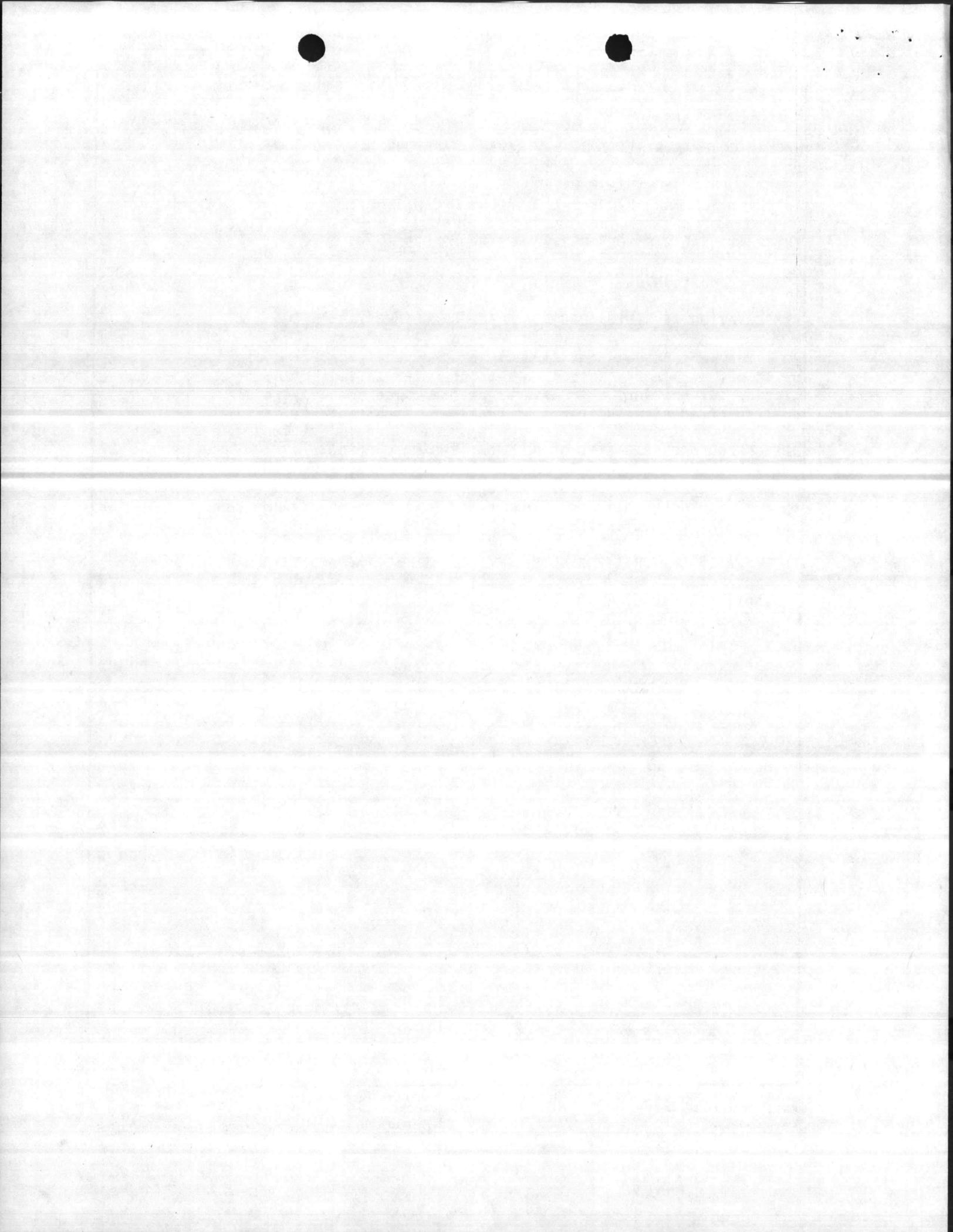




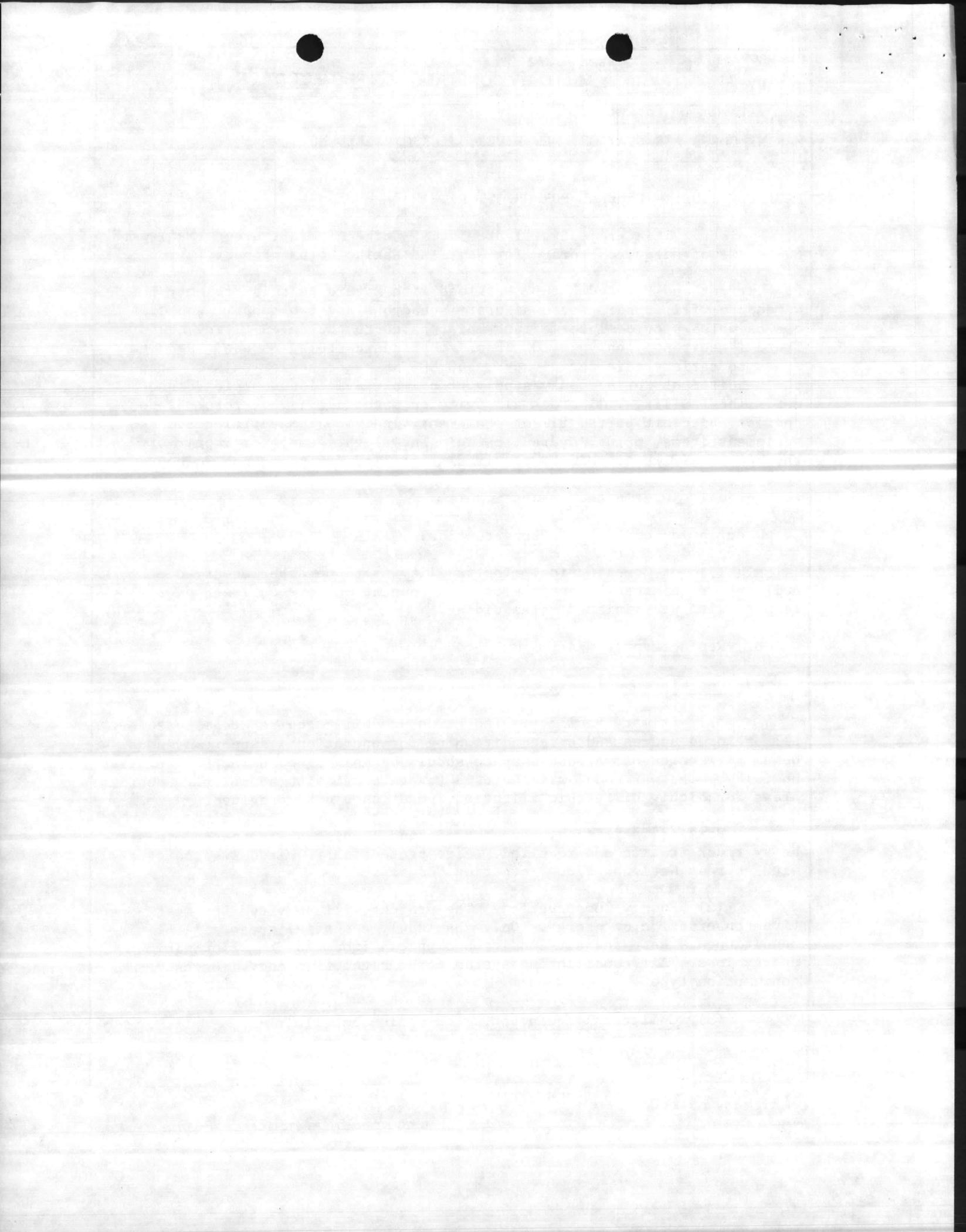
1. COMPONENT NAVY	88 FY 19 <u>88</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 2 DEC 85
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION, NEW RIVER, JACKSONVILLE, NC		
4. PROJECT TITLE GENERAL PURPOSE STORAGE WAREHOUSE (STORAGE FOR MARINE CORPS AIR/GROUND ORGANIC UNITS)		5. PROJECT NUMBER P-185
SPECIAL CONSIDERATIONS		
<u>POLLUTION PREVENTION, ABATEMENT AND CONTROL.</u>		
This project will not cause additional air or water pollution.		
<u>FLOODPLAIN MANAGEMENT AND PROTECTION OF WETLANDS; COASTAL ZONE MANAGEMENT.</u>		
(1) <u>FLOODPLAIN MANAGEMENT AND PROTECTION OF WETLANDS.</u>		
Requirements of Executive Order No. 11988 (Floodplain Management) and Executive Order No. 11990 (Protection of Wetlands) are not applicable.		
(2) <u>COASTAL ZONE MANAGEMENT.</u>		
In accordance with the Federal Coastal Zone Management Act of 1972 (as amended), this project will not directly affect the coastal zone and a coastal consistency determination is not required.		
<u>ENVIRONMENTAL IMPACT.</u>		
A preliminary environmental assessment has been made and it has been determined that the proposed project will not have a significant impact on the environment nor is it highly controversial.		
<u>INTERGOVERNMENTAL COORDINATION.</u>		
In accordance with OPNAVINST 11010.35, this project has been reviewed with respect of OMP Circular A-95 requirements. It has been determined that the project will have no impact on community plans and programs that would require intergovernmental coordination. Therefore, submittal of the project to state and area wide clearing houses for review is not required.		
<u>FACILITY CONSTRUCTION IN THE NATO AREA.</u>		
Prefinancing under NATO procedures <u>is not</u> planned for this project since it is not required for use by or in support of a US unit committed to NATO.		
<u>PLANNING IN THE NATIONAL CAPITOL REGION.</u>		
Not applicable.		
<u>FALLOUT SHELTER CONSTRUCTION.</u>		
Fallout Shelter excluded - impairment of project purpose.		



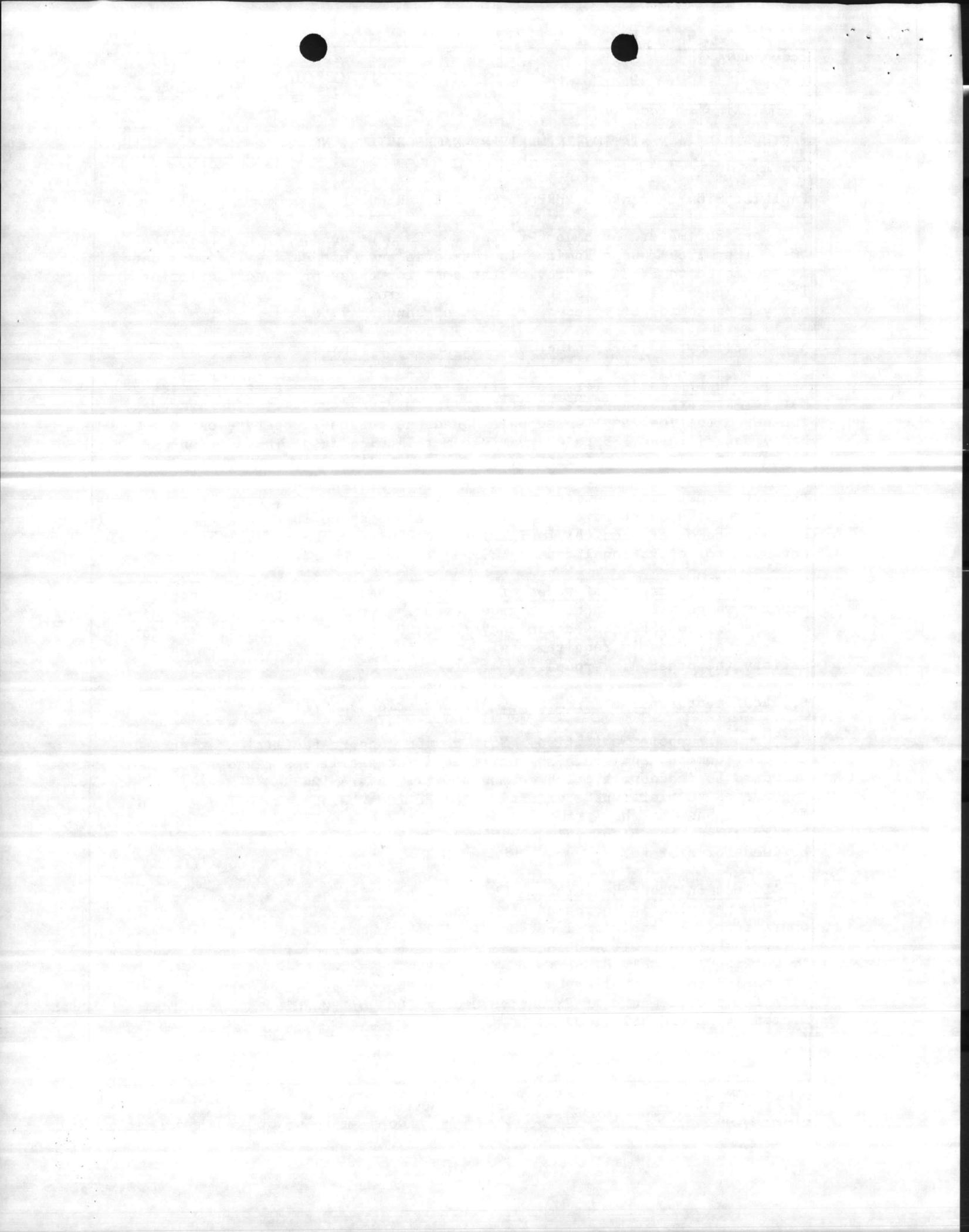
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<u>INTERNATIONAL BALANCE OF PAYMENTS PROCEDURES.</u>		
Not applicable.		
<u>PRESERVATION OF HISTORICAL SITES AND STRUCTURES.</u>		
The project does not directly or indirectly affect a district, site, building, structure, object or setting which is listed in, or eligible for listing in, the National Register or otherwise possesses a significant quality of American History, Archaeology, Architecture, or Culture.		
<u>DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED.</u>		
All work in the General Purpose Storage Warehouse will be accomplished by activity duty military personnel. Therefore, physically handicapped facilities are not applicable.		
<u>"NEW START" CRITERIA FOR COMMERCIAL OR INDUSTRIAL ACTIVITIES PROGRAM.</u>		
Not applicable.		



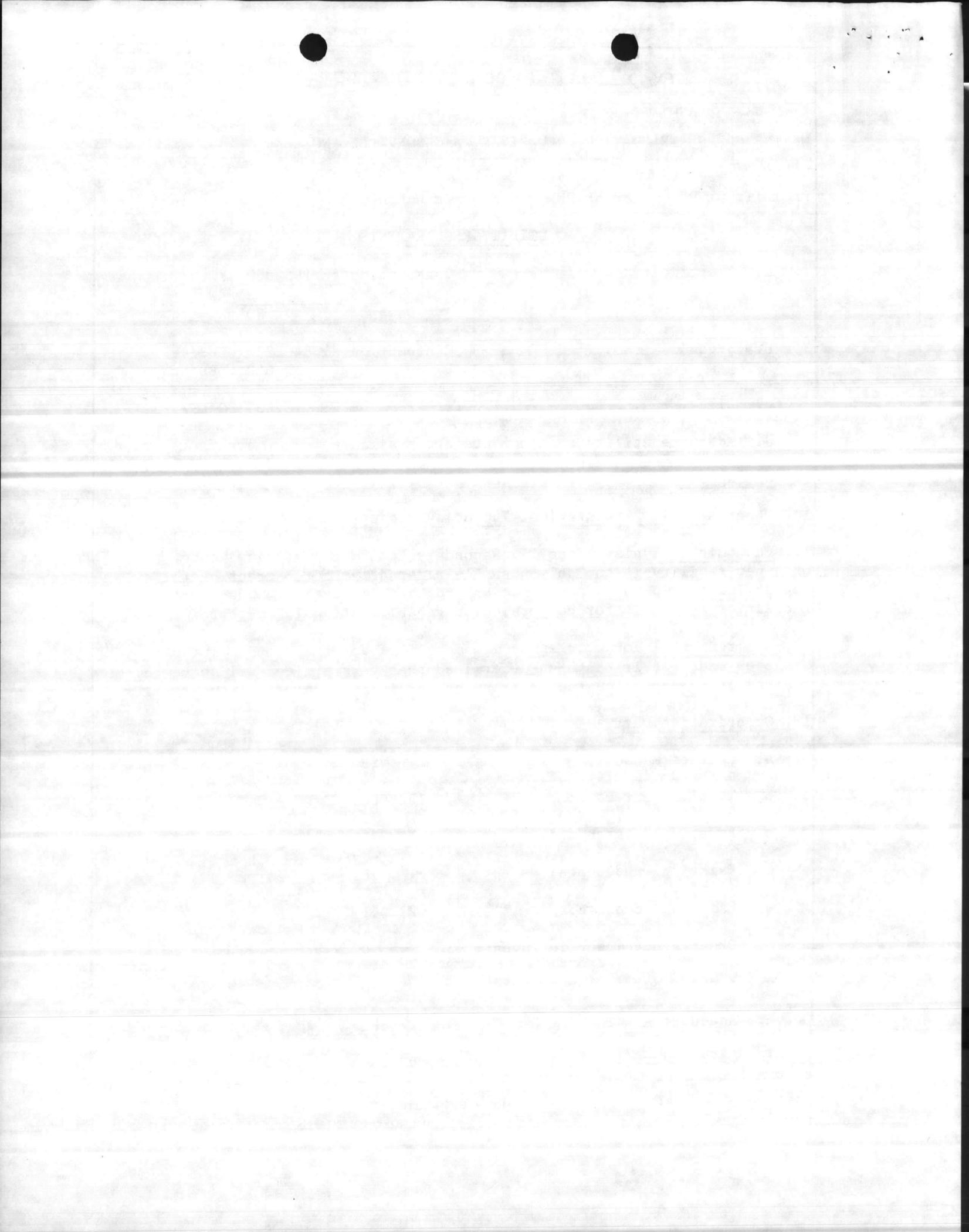
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4. PROJECT TITLE FACILITY STUDY - GENERAL PURPOSE STORAGE WAREHOUSE	5. PROJECT NUMBER P-185	
<p>1. <u>Project.</u> This project will provide a Marine Aircraft Group (MAG) with 60,000 SF of adequate storage for Navy and Marine Corps property.</p> <p>2. <u>Current and Planned Future Workload with Regard to this Project.</u> This warehouse will support seven aircraft squadrons and two support squadrons - one of which provides intermediate maintenance to the seven flying squadrons. There is currently only 29,103 SF of substandard storage space. Requirements to satisfy this deficiency is 60,000 SF. Because of this shortage, the requirement for a 90-day supply of primary aviation supplies cannot be met. The facility will stock all aviation materials (i.e., rotor blades, engines, aircraft parts, flight equipment, Individual Material Readiness equipment items, paint, hydraulic fluid and flight gear) for repair of the MAG-26 aircraft. MAG-26 requires a facility for operation 24 hours a day, seven days a week, on a year-round basis. Anticipated duration of this need is indefinite.</p> <p>3. <u>Description of Proposed Construction.</u></p> <p>a. <u>Type of Construction.</u> The facility is to be a permanent, one story building of reinforced concrete on pile foundation, pre-engineered steel framing with pre-finished metal siding.</p> <p>b. <u>Replacement.</u> N/A</p> <p>c. <u>Description of Work to be Done.</u></p> <p>(1) <u>Primary Facility.</u> The structure will require steam heat for all enclosed spaces and air-conditioning for operational support areas. Dehumidification of warehouse space should be maintained below 50% relative humidity. The warehouse will be used to store aviation supplies. Security areas for highly pilferable flight equipment should be provided.</p> <p>Parking facilities, access roads and loading areas to accommodate heavy truck traffic are required. Fire protection required in accordance with current National Fire Protection Codes.</p> <p>(2) <u>Energy Conservation.</u> The project will be sited for most effective conservation of energy. Only absolutely essential areas will be air-conditioned. Heat and air-conditioned spaces insulated to allow minimum energy loss. Air-conditioning system to be high efficiency, low energy consumption type.</p> <p>(3) <u>Collateral Equipment.</u> See enclosure (1).</p>		



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<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 FY-84 to provide the cost for these proposed facilities. The contingency factor is 10% and the cost growth factor is computed at 10% per year with an estimated award date of January 1988.</p> <p>5. <u>Justification for Project and for Scope of Project.</u></p> <p>a. <u>Justification for Project.</u> This project is needed to provide Marine Aircraft Group-26 with storage for Marine Corps Aviation property. The seven tactical and two support squadrons currently operate out of badly deteriorated, 35 to 40 year old metal buildings. In addition, seven of these facilities are remotely located at another command. Even with use of substandard and inconveniently sited storage, only a little over half of the current storage requirement is being met. Materials, weapons and equipment for which no storage is available take up space in aircraft maintenance hangars and other tactical facilities, depriving these activities of space intended for operational functions.</p> <p>b. <u>Justification of Scope of Project.</u> The size of the project is the minimum which will support the requirement. New River's approved requirement is 120,900 SF. The deficiency is 93,239 SF. This project will satisfy one Air Group's requirements. Other projects are being developed to satisfy the other Air Group.</p> <p>6. <u>Equipment Provided from Other Appropriations.</u> N/A</p> <p>7. <u>Common Support Facilities.</u> Some common support facilities exist at an adjacent Command and are being utilized. The facilities range from substandard to inadequate. The common facilities are 1943 - 1950 vintage pre-engineered "Butler type" buildings. Aside from being remote from the user, New River has for the last few years lost the use of a number of them. This has required the use of valuable hangar deck and maintenance area space to be used for storage.</p> <p>8. <u>Effect on Other Resources.</u> The project will require approximately \$11,500 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.</p>		



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<p style="text-align: center;"><u>UTILITY REQUIREMENTS</u></p> <p>a. Electricity</p> <table style="margin-left: 400px;"> <tr><td>Consumption</td><td style="text-align: right;">198,000</td><td>KWHR/yr</td></tr> <tr><td>Peak Demand</td><td style="text-align: right;">100</td><td>KW</td></tr> <tr><td>Avg Demand</td><td style="text-align: right;">80</td><td>KW</td></tr> </table> <p>b. Steam</p> <table style="margin-left: 400px;"> <tr><td>Consumption</td><td style="text-align: right;">1,846,200</td><td>LBS/yr</td></tr> <tr><td>Demand</td><td style="text-align: right;">660</td><td>LBS/hr</td></tr> </table> <p>c. Oil</p> <table style="margin-left: 400px;"> <tr><td></td><td style="text-align: right;">12,300</td><td>GALS/yr</td></tr> </table> <p>d. Adequate utility requirements are available.</p> <p>9. <u>Siting of the Project.</u> See enclosure (2).</p> <p>10. <u>Other Graphic Presentation, Including Photographs.</u> None.</p> <p>11. <u>Economic Analysis.</u> Type II, Secondary Economic Analysis. Construction of a new facility is the only possible alternative for correcting the existing deficiency in warehouse space aboard the Air Station. There are no facilities available for conversion or rehabilitation in the category code.</p> <p>12. <u>Environmental Impact.</u> 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.</p> <p>13. <u>Quantitative Data.</u></p> <table style="margin-left: 100px;"> <tr><td>a. Unit of Measure:</td><td style="text-align: right;">SF</td></tr> <tr><td>b. Total Requirement:</td><td style="text-align: right;">120,900</td></tr> <tr><td>c. Existing Substandard:</td><td style="text-align: right;">71,777</td></tr> <tr><td>d. Existing Inadequate:</td><td style="text-align: right;">0</td></tr> <tr><td>e. Existing Adequate:</td><td style="text-align: right;">27,661</td></tr> <tr><td>f. Other Assets, Not in Inventory:</td><td style="text-align: right;">0</td></tr> <tr><td>g. Funded, Not in Inventory:</td><td style="text-align: right;">0</td></tr> <tr><td>h. Adequate Assets:</td><td style="text-align: right;">27,661</td></tr> <tr><td>i. Deficiency :</td><td style="text-align: right;">93,239</td></tr> </table>			Consumption	198,000	KWHR/yr	Peak Demand	100	KW	Avg Demand	80	KW	Consumption	1,846,200	LBS/yr	Demand	660	LBS/hr		12,300	GALS/yr	a. Unit of Measure:	SF	b. Total Requirement:	120,900	c. Existing Substandard:	71,777	d. Existing Inadequate:	0	e. Existing Adequate:	27,661	f. Other Assets, Not in Inventory:	0	g. Funded, Not in Inventory:	0	h. Adequate Assets:	27,661	i. Deficiency :	93,239
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<p>14. <u>Maintenance Facilities.</u> N/A</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> Optimum use of existing storage facilities have been reviewed and findings show a deficiency of the established requirement. New construction is the most feasible and economical way to provide required storage consistent with DOD Directive 4145.19.</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>		

