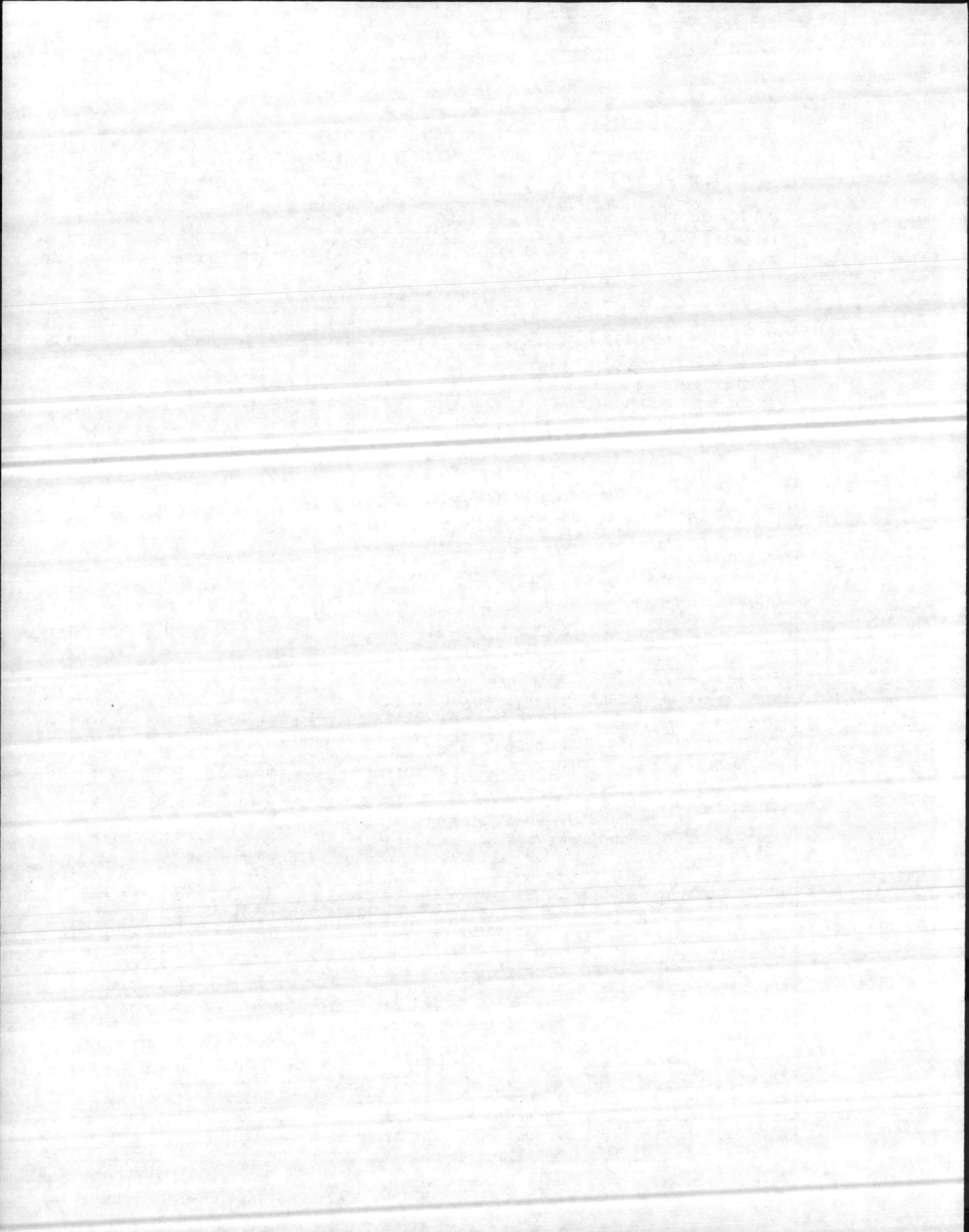
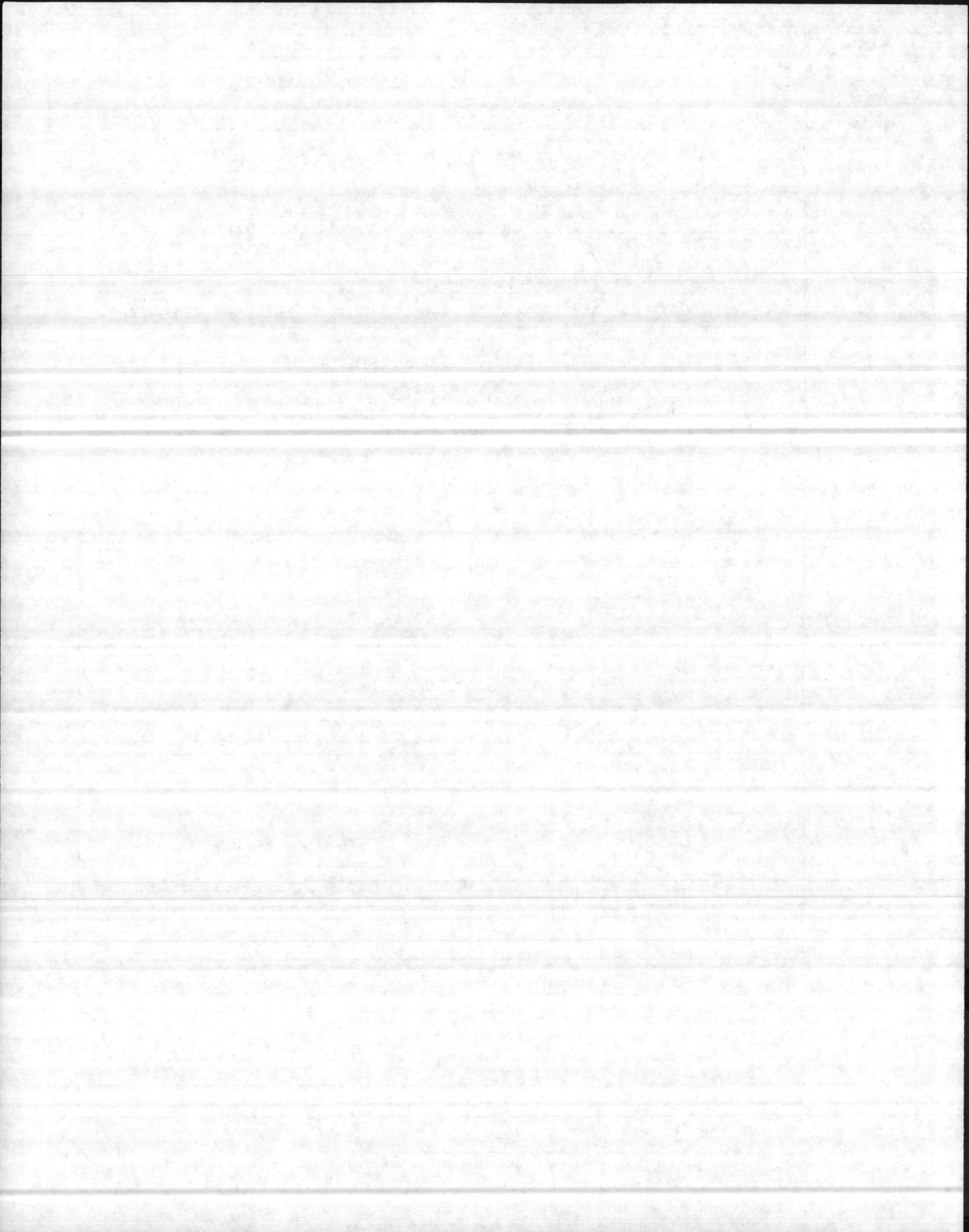


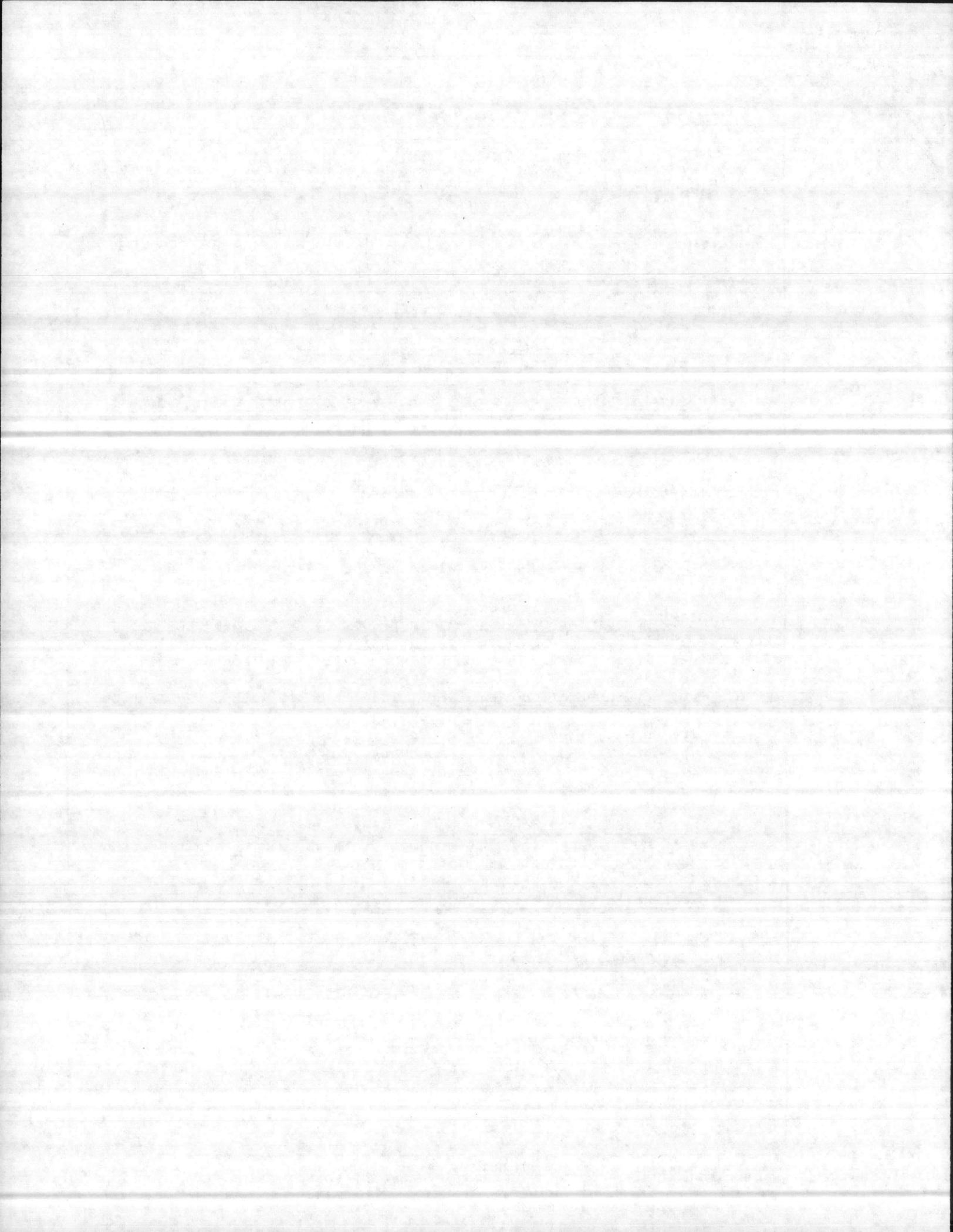
1. COMPONENT NAVY		FY 19 <u>83</u> MILITARY CONSTRUCTION PROJECT DATA			2. DATE 25 July 1981	
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, JACKSONVILLE, NC 28545			4. PROJECT TITLE ORDNANCE MAGAZINE AREA, MCAS (H)			
5. PROGRAM ELEMENT		6. CATEGORY CODE 421-22	7. PROJECT NUMBER P-354		8. PROJECT COST (\$000) 741	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
ORDNANCE MAGAZINE W/REVTMENTS		SF	3,280	123.00	404	
SECURITY FENCE AND LIGHTING		LF	3,000	40.00	120	
UTILITIES, FIRE PROTECTION, ELECT., ETC.		LS	-	-	74	
FLEXIBLE PAVEMENT		LS	-	-	40	
TOTAL COST		LS	-	-	638	
CONTINGENCY - 10%		-	-	-	64	
ESTIMATED CONTRACT COST		LS	-	-	702	
SUPERVISION, INSPECTION & OVERHEAD - 5.5%		--	-	-	39	
TOTAL REQUEST		LS	-	-	741	
INSTALLED EQUIP OTHER APPROPRIATIONS		--	-	-	-	
10. DESCRIPTION OF PROPOSED CONSTRUCTION Five, one-story buildings, reinforced concrete and masonry structures with reinforced concrete and earth barricades, walkways, grounding system, heating, plumbing, electrical work, security fencing, and pavements.						
11. REQUIREMENTS <u>3,280 SF</u> ADEQUATE <u>0 SF</u> SUBSTANDARD <u>0 SE</u>						
PROJECT: This project will provide storage facilities on Station for various types of aircraft and small arms ordnance.						
REQUIREMENT: Tenant squadrons have a mission requirement to provide pilot training in the air delivery of explosive ordnance in support of FMF operations.						
CURRENT SITUATION: There are no facilities available locally for storage of ordnance. The only authorized permanent class V(A) explosives issue and storage point is in excess of 50 miles away over heavily traveled public highways. Ordnance is transported from that location and temporarily stored at a magazine located at Marine Corps Base, Camp Lejeune and then transported to MCAS (H), New River the following morning (an additional distance of 30 miles) for daily operations. Ordnance unexpended must be returned the same day because of the inability to store. Because of the hours of air operations, ordnance must be staged in vehicles overnight and turned in the following day during normal working hours.						
IMPACT IF NOT PROVIDED: Training of pilots will continue to be adversely affected and therefore the combat readiness of MAG-29 will be reduced. The risk of potential ordnance accidents also increases with every additional mile traveled on public roads. The highway from the permanent issue and storage point at Cherry Point, NC is one of the most heavily trafficked						



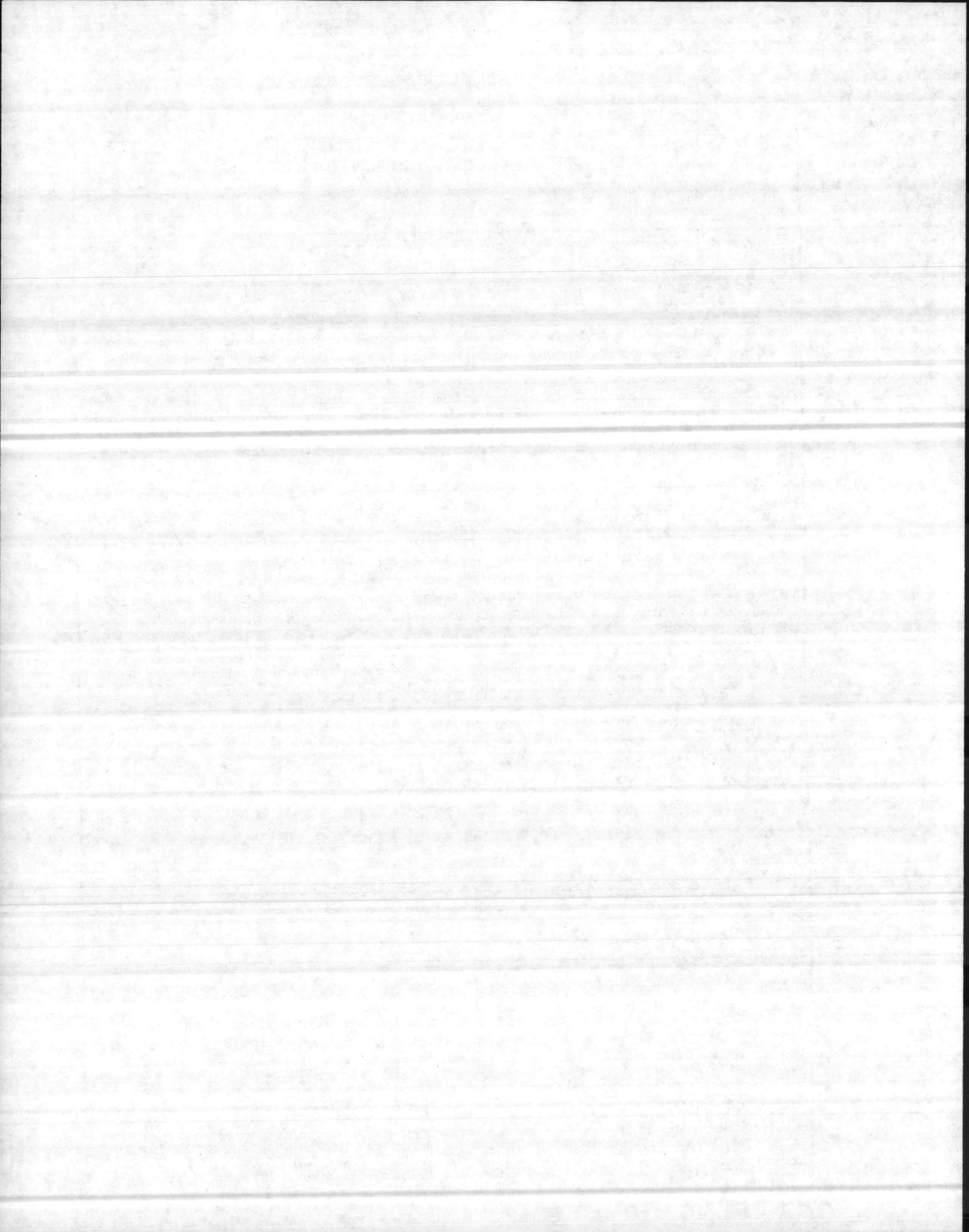
1. COMPONENT NAVY	FY 19 <u>83</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 25 July 1981
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, JACKSONVILLE, NC 28545		
4. PROJECT TITLE ORDNANCE MAGAZINE AREA, MCAS (H)	5. PROJECT NUMBER P-354	
<p>in eastern North Carolina with a disproportionate accident ratio each year to comparably sized roads in North Carolina.</p> <p>Lack of qualified personnel causes the available personnel to work extremely long hours, doubling as ordnance delivery truck drivers as well as aircraft ordnance handlers. Because of flight operation hours, personnel must be on the road anywhere from 0300, to meet early commitments, until 0100 when night operations are secured. Personnel involved routinely work 70 hours per week.</p>		



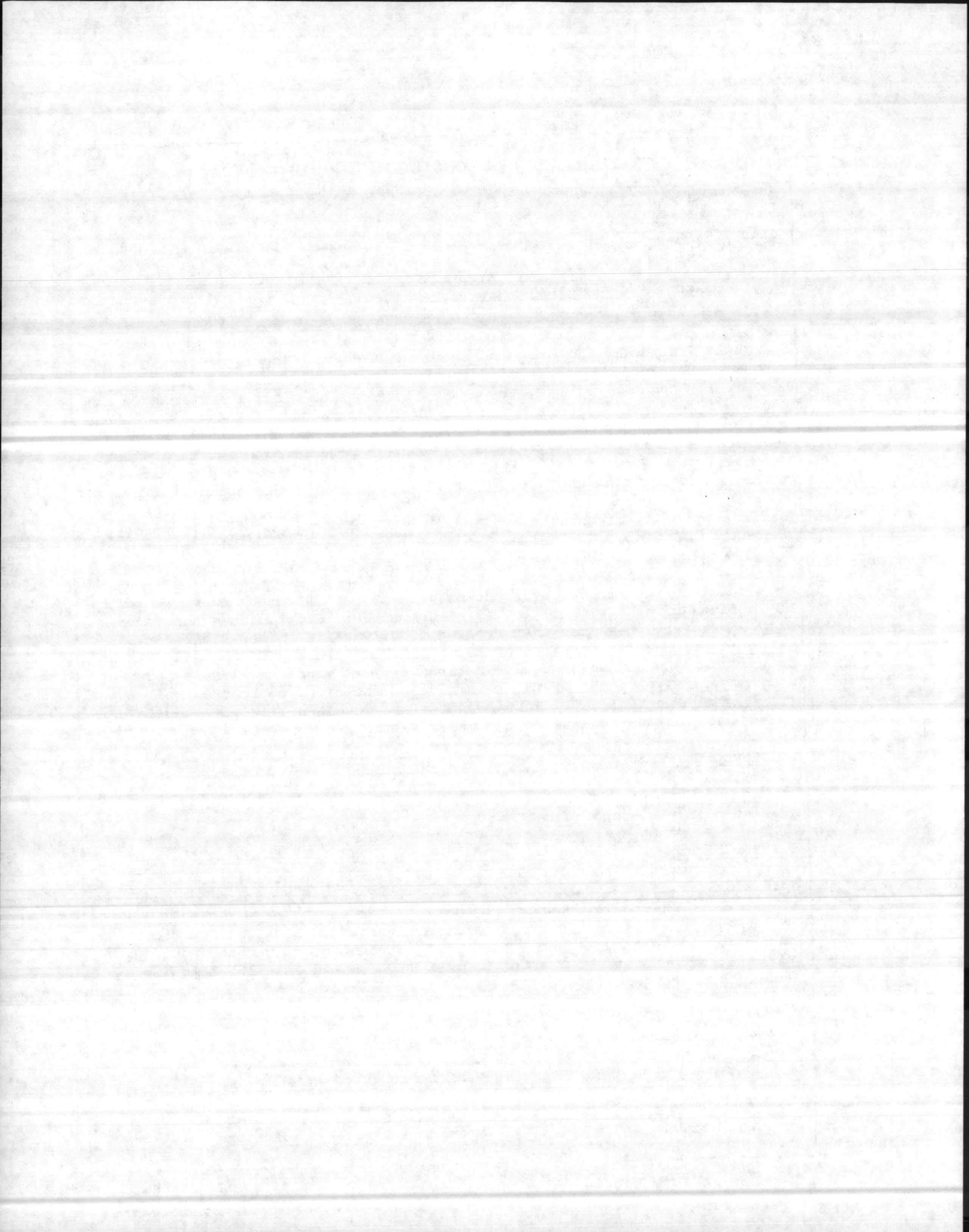
1. COMPONENT Navy	FY 19 <u>83</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 25 July 1981
3. INSTALLATION AND LOCATION Marine Corps Air Station (Helicopter), New River, Jacksonville, N. C. 28545		
4. PROJECT TITLE Ordnance Magazine Area, MCAS(H)	5. PROJECT NUMBER P-354	
<p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> <p>a. <u>Pollution Prevention, Abatement and Control.</u> This project will not cause additional air or water pollution.</p> <p>b. <u>Floodplain Management and Protection of Wetlands; Coastal Zone Management.</u></p> <p>(1) <u>Floodplain Management and Protection of Wetlands.</u> Requirements of Executive Order 11988 (Floodplain Management) and Executive Order 11990 (Protection of Wetlands) are not applicable.</p> <p>(2) <u>Coastal Zone Management.</u> In accordance with the federal Coastal Zone Management Act of 1972 (as ammended), this project will not directly affect the coastal zone and a coastal consistency determination is not required.</p> <p>c. <u>Environmenal 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.</p> <p>d. <u>Intergovernmental Coordination.</u> In accordance with OPNAV Instruction 11010.35, this project has been reviewed with respect to 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.</p> <p>e. <u>Facility Construction in the NATO Area.</u> Prefinancing under NATO procedures is <u>not</u> planned for this project since it is not required for use by or in support of a US unit committed to NATO.</p> <p>f. <u>Planning in the National Capital Region.</u> N/A.</p> <p>g. <u>Fallout Shelter Construction.</u> Fallout Shelter excluded - impairment of project purpose.</p> <p>h. <u>International Balance of Payments Procedures.</u> N/A.</p> <p>i. <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, Archeology, Architecture, or Culture.</p>		



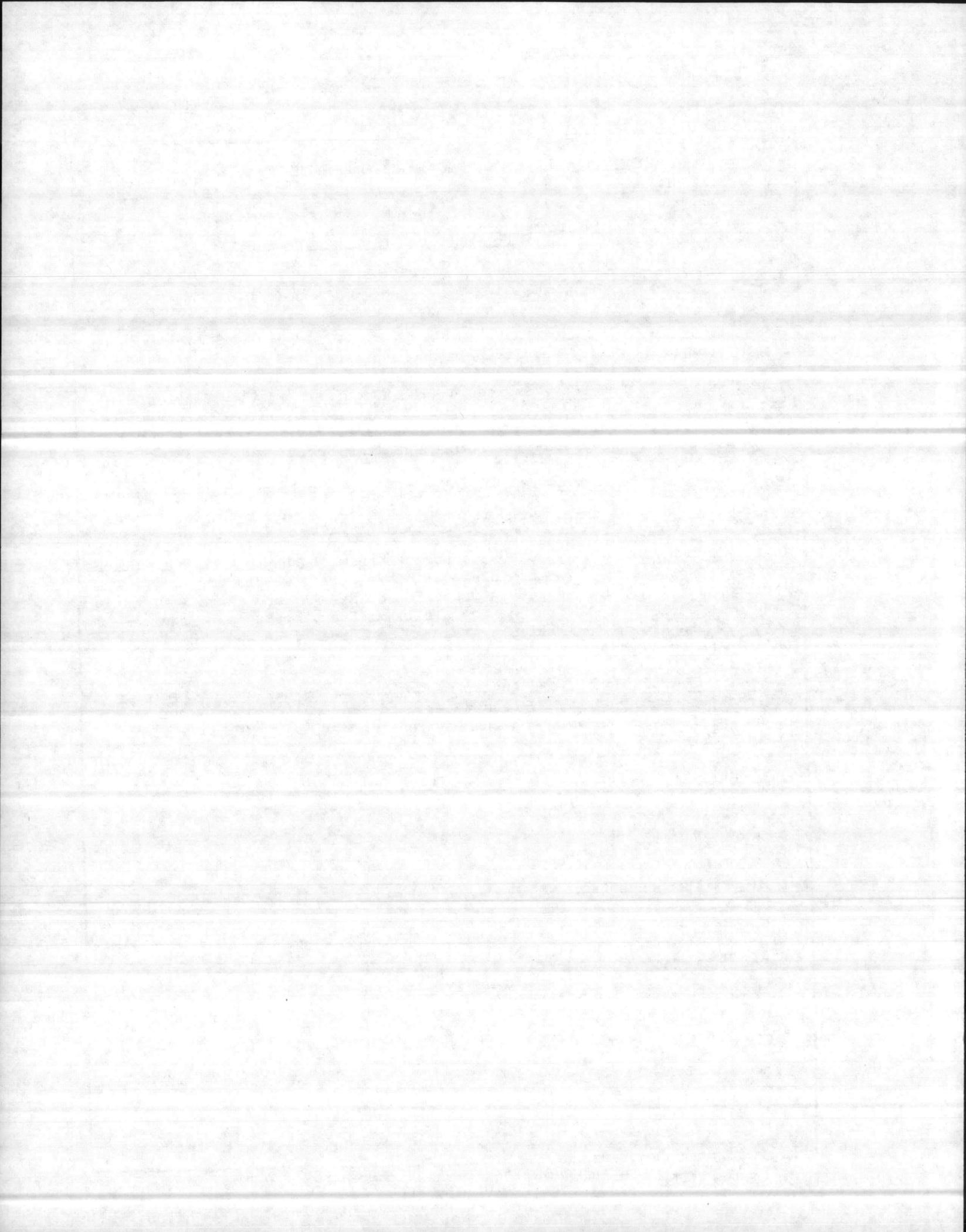
1. COMPONENT Navy	FY 19 <sup>83</sup> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 25 July 1981
3. INSTALLATION AND LOCATION Marine Corps Air Station (Helicopter), New River, Jacksonville, N. C. 28545		
4. PROJECT TITLE FACILITY STUDY - Ordnance Magazine Area, MCAS (H)	5. PROJECT NUMBER P-354	
<p>1. <u>Project.</u> This project will provide urgently required storage for Class V(A) and Class V(W) ordnance. The magazines would additionally provide storage for TOW missiles and CBU-55 bombs.</p> <p>2. <u>Current and Future Workload with Regard to this Project.</u> Ordnance operations in the transporting and handling of Class V(A) and (W) munitions are ongoing 7-days per week in support of 3 aircraft squadrons. Commitments have increased each year since the original request for storage facilities. <del>In late 1978, the command's ordnance commitments</del> increased dramatically with the introduction of the attack helicopter, the arming of the light transport helicopters, and the receipt of new weapons system for the OV-10 and AH-1 aircraft. Operations begin at approximately 3 or 4 AM in order for the ordnance to be ready for early aircraft loading and terminate as late as 1 AM. The workload is expected to continue at this level for the foreseeable future. Current facilities support requirement planning documents support this. Construction of permanent type magazines aboard MCAS(H), New River would reduce early and late hour operation somewhat and also reduce the high number of runs to the present storage and issue point at Cherry Point, NC. Construction of these sites will also free magazine storage spaces at Marine Corps Base, Camp Lejeune which are now strained and allow them to be diverted back to their original support mission.</p> <p>3. <u>Description of Proposed Construction.</u> Permanent construction as follows:</p> <p>a. <u>Five high explosive Magazines in the following sizes:</u></p> <ol style="list-style-type: none"> <li>1. Two 1,250 SF (25'x50') concrete arch type. Barricaded and bermed. Maximum storage 100,000 lbs NEW. <del>60 Lineal feet separation between magazines.</del></li> <li>2. One 500 SF (25'x20') concrete arch type. Barricaded and bermed. Maximum storage 70,000 lbs NEW. 50 Lineal feet separation between magazines.</li> <li>3. Two 140 SF (10'x14') concrete arch type. Barricaded and bermed; Maximum storage 15,000 lbs NEW. 35 Lineal feet separation between magazines.</li> </ol> <p>b. Approximately 3,000 ft long x 10 ft high chain-link security fencing - high security type - barbed wire topped with a double gate for access. Fencing is required to surround the entire magazine and ordnance build-up complex.</p> <p>4. <u>Cost Estimate.</u> Area cost factor for Camp Lejeune, NC is 1.00, NAVFAC P-448 (Feb 1976), Military Construction Cost Engineering Data. The book data is escalated to FY 1983 to provide the cost for these proposed facilities. The contingency factor is 10% and the cost growth factor is computed</p>		



1. COMPONENT Navy	FY 1983 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 25 July 1981
3. INSTALLATION AND LOCATION Marine Corps Air Station (Helicopter), New River, Jacksonville, NC 28545		
4. PROJECT TITLE FACILITY STUDY - Ordnance Magazine Area, MCAS(H)	5. PROJECT NUMBER P-354	
at 10% per year with an estimated award date of Jan 1983.		
<p>5. <u>Justification for Project and Scope of Project.</u> There has been a continual increasing importance of pilot training in air ordnance delivery at New River. Because of this, the demand for available aircraft ordnance has increased in direct proportion to the expanded training. Until 1976, magazines were available in relatively close proximity to this facility and at that time were meeting the increasing storage requirements and their flexible hours of operation were extremely compatible with MAG-29's commitments for ordnance training support. Upon the closing of that facility, the main facilities at Marine Corps Base, Camp Lejeune became the only storage point and because of their commitments, New River could only receive temporary storage facilities. That situation continues to exist and will exist until the completion of this project.</p> <p>As a result of the above, ordnance must be transported from Cherry Point, NC (a distance of 50 miles) to Marine Corps Base, Camp Lejeune for temporary storage and then retransported on a daily basis to New River for daily flight operations (a distance of 30 miles). At the end of the daily flight operations, the ordnance must be returned to the magazine at Camp Lejeune and temporarily staged for the remainder of the night on trucks until the start of the working day. This results in a double delivery system in progress at all times because of the unavailability of on-site storage.</p>		
6. <u>Equipment Provided from Other Appropriations.</u> N/A.		
7. <u>Common Support Facilities.</u> There are no common support facilities available in the Station area.		
<p>8. <u>Effect on Other Resources.</u> The project will require approximately \$1,107 per year in increased O&amp;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>		
UTILITY REQUIREMENTS		
a. Electricity	Consumption <u>33,000</u> KWHR/yr Peak Demand <u>15</u> KW Avg Demand <u>15</u> KW	
b. Steam	Consumption <u>0</u> LBS/yr Demand <u>0</u> LBS/yr	



1. COMPONENT Navy	FY 1983 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 25 July 1981																		
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<p>c. Coal _____ 0 _____ TONS/yr</p> <p>d. Adequate utility requirements are available.</p>																				
<p>9. <u>Siting of the Project.</u> Enclosure (1) indicates the site location. Site approval by CNO and the Department of Defense Explosives Safety Board (DODESB) will be required. Action to obtain approval has been initiated in accordance with NAVFACINST 11010.57A. Safety Specialists from NAVSEACENLANT have visited MCAS(H), New River for the purpose of project evaluation and site survey and indicated the present location as acceptable.</p>																				
<p>10. <u>Other Graphic Presentations, Including Photographs.</u> N/A.</p>																				
<p>11. <u>Economic Analysis.</u> Type II, Secondary Economic Analysis. Construction of these new facilities is the only possible alternative for correcting the existing deficiency in adequate storage for Class V(A) and Class V(W) munitions aboard the Air Station and to fulfill military operations requirements. There are no facilities available for conversion or rehabilitation for this Category Code.</p>																				
<p>12. <u>Environmental Impact.</u> An environmental impact assessment of the project 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 border="0"> <tr> <td>a. Unit of Measure:</td> <td>SF</td> </tr> <tr> <td>b. Total Requirement:</td> <td>3280</td> </tr> <tr> <td>c. Existing Substandard:</td> <td>0</td> </tr> <tr> <td>d. Existing Inadequate:</td> <td>0</td> </tr> <tr> <td>e. Existing Adequate:</td> <td>0</td> </tr> <tr> <td>f. Other Assets, Not in Inventory:</td> <td>0</td> </tr> <tr> <td>g. Funded, Not in Inventory:</td> <td>0</td> </tr> <tr> <td>h. Adequate Assets:</td> <td>0</td> </tr> <tr> <td>i. Deficiency:</td> <td>3280</td> </tr> </table>			a. Unit of Measure:	SF	b. Total Requirement:	3280	c. Existing Substandard:	0	d. Existing Inadequate:	0	e. Existing Adequate:	0	f. Other Assets, Not in Inventory:	0	g. Funded, Not in Inventory:	0	h. Adequate Assets:	0	i. Deficiency:	3280
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<p>14. <u>Maintenance Facilities.</u> N/A</p>																				



1. COMPONENT Navy	FY 19 83 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 25 July 1981
3. INSTALLATION AND LOCATION Marine Corps Air Station (Helicopter), New River, Jacksonville, N. C. 28545		
4. PROJECT TITLE FACILITY STUDY - Ordnance Magazine Area, MCAS(H)	5. PROJECT NUMBER P-354	
15. <u>Morale, Welfare and Recreation Facilities.</u> N/A		
16. <u>Relocation Facilities.</u> N/A		
17. <u>Storage Facilities.</u> DOD Directive 4145.19 has been reviewed. This project is not in conflict with that directive.		
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.		

