

1. Component NAVY	<b>FY 2005 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 13 JAN 2004
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3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA	4. Project Title SIMULATOR ADDITION
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5. Program Element 0216496M	6. Category Code 17135	7. Project Number P617	8. Project Cost (\$000) 2,270
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**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
SIMULATOR ADDITION (6,781 SF)	m2	630		1490
OPERATIONAL TRAINER FACILITY ADDITION (6,781 SF)	m2	630	2,045.67	(1290)
BUILT-IN EQUIPMENT	LS			(80)
TECHNICAL OPERATING MANUALS	LS			(30)
INFORMATION SYSTEMS	LS			(20)
ANTI-TERRORISM/FORCE PROTECTION	LS			(70)
SUPPORTING FACILITIES				480
SPECIAL CONSTRUCTION FEATURES	LS			(70)
ELECTRICAL UTILITIES	LS			(130)
MECHANICAL UTILITIES	LS			(140)
PAVING AND SITE IMPROVEMENTS	LS			(140)
SUBTOTAL				1970
CONTINGENCY (5%)				100
TOTAL CONTRACT COST				2070
SIOH (6%)				120
SUBTOTAL				2190
DESIGN/BUILD - DESIGN COST				80
TOTAL REQUEST ROUNDED				2270
TOTAL REQUEST				2270
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(35000)

**10. Description of Proposed Construction**

Construct a multi-story concrete masonry unit (CMU) building on reinforced concrete slab and pile foundation, structural steel frame, exterior brick and masonry veneer, interior CMU walls and standing seam metal roof to provide an addition to the flight simulator training facility at Marine Corps Air Station (MCAS) New River, NC. Construction will include three reinforced concrete thrust pads to support the flight simulator. Facility will provide computer rooms, brief/debrief rooms, maintenance space, administrative space, storage space, and a 50' high bay trainer area. Built-in equipment includes one overhead crane. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Electrical systems include fire alarms, energy saving Electronic Monitoring and Control System (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating, ventilation and air conditioning, security entrance control, and CO2 suppression system in computer areas. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, and Local Area Network (LAN)). Paving and site improvements include exterior site and building lighting, security fencing,



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<p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E) : \$240</p> <p>(A) Production of Plans and Specifications \$200</p> <p>(B) All other Design Costs \$40</p> <p>(C) Total \$240</p> <p>(D) Contract \$40</p> <p>(E) In-House \$200</p> <p>4. Contract Award 012005</p> <p>5. Construction Start 042005</p> <p>6. Construction Complete 042006</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>Fiscal Year</u></th> <th><u>Cost</u></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Appropriation</u></th> <th><u>Appropriated</u> <u>Or Requested</u></th> <th><u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Full Flight Simulator</td> <td>OPN</td> <td>2005</td> <td>35,000</td> </tr> </tbody> </table> <p>JOINT USE CERTIFICATION: The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Joint Use is recommended as pilots from the Marine Corps, Navy, and Air Force will be trained at this facility.</p> <p>Activity POC: Randy Scott Phone No: (910) 449-5402</p>					<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>	<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u> <u>Or Requested</u>	<u>(\$000)</u>	Full Flight Simulator	OPN	2005	35,000
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