



DFRC Control Number:  
07-07

Instructions: Section I to be completed by Proponent; Sections II and III to be completed by the Safety, Health & Environmental Office as necessary. Reference appropriate item number(s).

### SECTION I - PROPONENT INFORMATION

1. To: Environmental Officer Safety, Health & Environmental Office	2. From: (Proponent organization, functional address symbol) Code F	2a. Telephone No.: 3371
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3. Title of Proposed Action/Start Date:  
Construct new Consolidated Information Technology Center (adjacent to DAF) 4/11/2007

4. Purpose and Need for Action: (Describe why you need to take this action. Continue in remarks if necessary)  
This project would replace an aging and inadequate Data Analysis Facility (DAF) that does not meet current and future anticipated missions requirements with a state of the art Consolidated Information Technology Center (CITC). The CITC would improve Dryden's need for data system reliability, provide for future upgrades, and improve the housing of current archived historical data. Additionally, the CITC would bring personnel and resources from several buildings and warehouses into a centrally located facility.

5. Description of Proposed Action and Alternatives: (DOPAA) (Provide sufficient details for evaluation o the total action.)  
This project would take place in three phases. Phase I: construct a two story building, approximately 19,200 sq ft of floor area, including: 5,500 sq ft of office space, 5,000 sq ft data center, 1,200 sq ft of warehousing and storage space, 700 sq ft of electrical-mechanical, and 6,800 sq ft of public use and circulation spaces. The CITC would be constructed adjacent to the existing DAF, building 4838, to minimize required infrastructure upgrades and leverage prior year Construction of Facility projects. Phase II: Construct a two story 11,000 sq ft addition to the Phase I CITC building to provide additional office space. Phase III: Renovate the DAF to provide the additional office space for Code V. Continued on Section 19.

6. Proponent (Name): Roy Tryon	6a. Signature: <i>Robert L. Tryon</i>	6b. Date: 6/13/2007
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### SECTION II: PRELIMINARY ENVIRONMENTAL ANALYSIS. (Check appropriate box and describe potential environmental effects and mitigations.) (+ = pos. effect; 0 = no effect; - = neg. effect; U = Unknown effect)

	+	0	-	U
7. Noise (Source, intensity, duration, etc.)			X	
8. Air Quality (Emissions, attainment status, state implementation plan, etc.)			X	
9. Water Resources (Quality, quantity, source, etc.)		X		
10. Safety & Occupational Health (Asbestos/radiation/chemical exposure, explosives safe qty-distance, etc.)			X	
11. Hazardous Materials/Waste (Use, storage, generation, solid waste, etc.)			X	
12. Biological Resources (Wetlands, floodplains, flora, fauna, etc.)		X		
13. Cultural Resources (Native American burial sites, archeological, historical, etc.)		X		
14. Geology and Soils (Topography, minerals, geothermal, Superfund Program, seismicity, etc.)		X		
15. Socioeconomic (Employment/population projections, school and local fiscal impacts, etc.)	X			
16. Other (Potential impacts not addressed above.)	X			

### SECTION III - ENVIRONMENTAL ANALYSIS DETERMINATION

17.  Proposed action qualifies for categorical exclusion (CATEX) # \_\_\_\_\_ 4.2.1 d \_\_\_\_\_ ; or  
 Proposed action does not qualify for a CATEX; further environmental analysis is required.

18. Environmental Office Certification (Name): Dan M. Morgan	18a. Signature: <i>Dan M Morgan</i>	18b. Date: 6-7-07
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Section 19 Continued.

**PROJECT MODIFICATIONS:** The Project Manager must evaluate proposed changes in project scope to see if they result in significant deviations from the project description outlined in this Record of Environmental Consideration. Notify Dan Morgan of Code SH at extension 3976 concerning significant changes in project activities to allow for timely analysis of potential environmental impacts.

**MITIGATION MEASURES:** No significant impacts are identified; therefore, no mitigation measures are required.

**CUMULATIVE IMPACT:** This project is part of a larger program with the overall objective of constructing a Consolidated Information Technology Center. There will be follow-on projects within the next three years but the cumulative impact is expected to be minimal or none.

**CONCLUSION:** Based on the above environmental impact analysis it is concluded that this is a categorically excluded action [*NPR 8580.1 Chapter 4, NASA 4.2.1(d) Minor construction of new facilities, including rehabilitation, modification, and repair.*] that does not substantially impact the human environment; therefore, neither an EA nor an EIS is required.