



DFRC Control Number:
07-01

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 MR	2a. Telephone No.: 3969
3. Title of Proposed Action/Start Date: Installation of Flight Termination System (FTS) equipment at Aeronautical Tracking Facility (ATF) 2		
4. Purpose and Need for Action: (Describe why you need to take this action. Continue in remarks if necessary) The purpose of this project is to facilitate the NASA Dryden/Air Force Flight Test Center Alliance by allowing Dryden to provide a comprehensive FTS and communication support for Dryden and Air Force Missions. This action is needed to meet the corrective action plan recommendation of establishing an alternate FTS transmitter site.		
5. Description of Proposed Action and Alternatives: (DOPAA) (Provide sufficient details for evaluation of the total action.) The proposed action would install six freestanding antennas located on NASA's leased property off of Baker-Nunn Road. This action would grade the access road, excavate and install foundations for six freestanding antennas 50 feet south of building 4720. Install a cable access trench across driveway on south side of building 4720 with 4 x 4 inch holes bored into the subfloor. Install concrete pads and walkways for cable retraction system which would be a 20 foot high elevated steel catwalk/deck and access bridge (the catwalk/deck may be a wraparound or placed on one side of the towers). Install exterior electric power for all antenna towers and associated equipment (lights, cameras, warning lights etc.) No alternatives were considered for this action.		

6. Proponent (Name): Tom Barlow	6a. Signature: 	6b. Date: 2-27-07
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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.)				

SECTION III - ENVIRONMENTAL ANALYSIS DETERMINATION

17. <input checked="" type="checkbox"/> Proposed action qualifies for categorical exclusion (CATEX) # <u>4.2.1 d</u> ; or <input type="checkbox"/> Proposed action does not qualify for a CATEX; further environmental analysis is required.		
18. Environmental Office Certification (Name): Dan Morgan	18a. Signature: 	18b. Date: 2-23-07

IMPACT ANALYSIS AND PROJECT REQUIREMENTS:

NOISE: An increase in short-term, local noise levels produced by project activities would occur with varying intensity and duration. Noise impacts from this project would not be significant. Hearing conservation requirements and procedures contained in 29 CFR 1910.95 must be followed by all personnel working on this project.

AIR QUALITY: A short-term degradation of air quality may occur during the proposed project. These emissions will be minor and are well below the diminimus thresholds for non-attainment areas; therefore, a formal conformity determination is not required. Air quality impacts from this project would not be significant.

SAFETY AND OCCUPATIONAL HEALTH: All applicable laws, regulations, and standard procedures shall be followed for project activities. Hazard risk reduction actions contained in the Project Hazard Reports shall be implemented.

HAZARDOUS MATERIALS/WASTE: Hazardous materials/waste shall be handled in accordance with applicable regulations. All hazardous materials used at Dryden greater than six months shall be included in the DFRC Chemical Management System. For more detailed information contact Steve Fedor of Code SH at extension 7403.

OTHER:

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 Environmetnal Consideration. Notify Dan Morgan of Code SH at extension 3976 concerning significant changes in project activites to allow for timely analysis of potential environmental impacts.

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

CONCLUSION: Based on the above environmental impact analysis it is concluded that this is a categorically excluded action [*NPG 8580.1, paragraph 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.