



DFRC Record of Environmental Consideration		DFRC CONTROL NUMBER 10-01	
INSTRUCTIONS: Section I to be completed by Proponent. Sections II and III to be completed by the Safety, Health & Environmental Office. Continue on page 2 or attach additional sheets as necessary and reference appropriate item number(s).			
SECTION I - PROPONENT INFORMATION		Start Date: 02/15/2010	
1. TO: Safety, Health, & Environmental Office Code SH	2. FROM: (Proponent organization and functional address symbol) Code PS	2a. TELEPHONE NO. X2149	
3. TITLE OF PROPOSED ACTION/START DATE American Recovery and Reinvestment Act of 2009 (ARRA) - Global Hawk Mobile Operations Facility (GHMOF)			
4. PURPOSE AND NEED FOR ACTION (Describe why you need to take this action.) Global Hawk aircraft are required to take-off and land within line of site of a ground control station. Therefore, Global Hawk flight operations are currently restricted to flights beginning and ending at Edwards Air Force Base where the current "fixed" ground control station is located. The Airborne Science Program requires a mobile ground control station (GHMOF) that would support Global Hawk flight operations at deployment locations such as Wallops Island, VA, Chile, New Zealand, and Australia in support of the (Continued on Pg. 2)			
5. DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES (DOPAA)(Provide sufficient details for evaluation of the total action.) The Airborne Science Program proposed purchasing a GHMOF through the use of ARRA funds. Alternatives: None.			
6. PROPONENT Chris Naftel			6b. 1/6/2010
SECTION II - PRELIMINARY ENVIRONMENTAL ANALYSIS (Check appropriate box and describe potential environmental effects and mitigations.) (+ = positive effect; 0 = no effect; - = adverse effect; U = Unknown effect)			
7. NOISE/LAND USE ZONE (Noise, accident potential, land use, etc.)		X	
8. AIR QUALITY (Emissions, attainment status, conformity, etc.)		X	
9. WATER RESOURCES (Quality, quantity, source, etc.)		X	
10. SAFETY & OCCUPATIONAL HEALTH (Asbestos/radiation/chemical exposure, explosives, safe quantity-distance, etc.)			X
11. HAZARDOUS MATERIALS/WASTE (Use/storage/generation/solid waste, etc.)			X
12. BIOLOGICAL RESOURCES (Floodplains, flora, fauna, etc.)		X	
13. CULTURAL RESOURCES (Architectural ,historical, etc.)		X	
14. GEOLOGY & SOILS (Topography, 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) ; OR	
	<input type="checkbox"/>	PROPOSED ACTION DOES NOT QUALIFY FOR A CATEX; FURTHER ENVIRONMENTAL ANALYSIS IS REQUIRED.	
18. SHE OFFICE CERTIFICATION Dan Morgan	18a. SIGNATURE 		18b. DATE 1-5-10

(Continued from Block 4) Airborne Science Mission Directorate's Global Mission Statement. The GHMOF would be a 45 foot single drop (air transportable) trailer that can be deployed to any geographical location in support of the Global Hawk Airborne Science Mission objectives.

IMPACT ANALYSIS AND PROJECT REQUIREMENTS:

SAFETY AND OCCUPATIONAL HEALTH: Project personnel working in Buildings 703, 4840, or 4826 must be hydrazine trained. Contact John Piatt of Code SH at extension 7576 for more information and requirements.

HAZARDOUS MATERIALS/WASTE: Any hazardous materials/waste brought to Dryden as part of Global Hawk missions shall be handled in accordance with applicable regulations. All hazardous materials used at Dryden shall be included in the DFRC Chemical Management System. Copies of MSDS' shall be submitted to Code SH for approval prior to bringing hazardous materials on site. For more information contact Steve Fedor of Code SH at extension 7403.

SOCIOECONOMIC: As intended for all ARRA projects, a positive impact to the economy would result from this project.

EFFECTS ABROAD: Code PS shall contact Code SH prior to missions abroad for an impact analysis to be completed in accordance with Executive Order 12114, "Environmental Effects Abroad of Major Federal Actions", and 14 Code of Federal Regulations Part 1216.321.

CUMULATIVE IMPACT: This is a one-time project. No specific follow-on actions have been determined at this time and no cumulative environmental impact is expected.

CONCLUSION: Based on the above environmental impact analysis it is concluded that this is a categorically excluded action [NASA NPR 8580.1, paragraph 4.2.1.e., Continuing operations of a NASA facility at a level of effort, or altered operations, provided the alterations induce only social and/or economic effects but no or minimal natural or physical environmental effects.] that does not substantially impact the human environment; therefore, neither an EA nor an EIS is required.