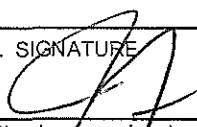



DFRC REQUEST FOR ENVIRONMENTAL IMPACT ANALYSIS		DFRC CONTROL NUMBER 07-12		
INSTRUCTIONS: Section I to be completed by Proponent. Sections II and III to be completed by the Safety, Health & Environmental Office. Continue in Block 19 or attach additional sheets as necessary and reference appropriate item number(s).				
SECTION I - PROPONENT INFORMATION				
1. TO: Safety, Health, & Environmental Office Code SH		2. FROM: (Proponent organization and functional address symbol) Management Directorate (Code XM)		2a. TELEPHONE NO. 3245
3. TITLE OF PROPOSED ACTION/START DATE Dryden Aircraft Operations Facility (DAOF)				
4. PURPOSE AND NEED FOR ACTION (Describe why you need to take this action.) The purpose of the project is to provide a suitable facility for use as a flight operations base for a number of DFRC aircraft by leasing a facility from Los Angeles World Airways called Site 9. This action is needed because hangar facilities at Edwards AFB are limited and hangar space is not available to house all aircraft needed for DFRC programs. (Continued in Section 19)				
5. DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES (DOPAA)(Provide sufficient details for evaluation of the total action.) The Los Angeles World Airways (LAWA), City of Los Angeles, California, Site 9 facility, located at 2825 E. Avenue P, Palmdale, California, Los Angeles County, would be leased and used as the DAOF to be the base of operations for several DFRC programs, including but not limited to the SOFIA and Airborne Sciences programs. Site 9 is a former Boeing aircraft manufacturing facility located near Air Force Plant 42. (Continued on the attached sheet.)				
6. PROPONENT Jerry McKee		6a. SIGNATURE 		6b. DATE 11/29/07
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)			+	0
7. AIR INSTALLATION COMPATIBLE USE ZONE (Noise, accident potential, land use, 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 quantity-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 & 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) #4.2.1a(3) OR AND 4.2.1c		
	<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 11-20-07

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Continued from Section 4:

Specifically, the Stratospheric Observatory for Infrared Astronomy (SOFIA) Boeing 747-SP aircraft is being temporarily housed in Edwards AFB hangar 1800 until January 2008. At this time the Air Force will need the hangar for other uses and the SOFIA aircraft will need to be moved. In addition, the Airborne Sciences Program's two ER-2 and DC-8 aircraft would be colocated with the SOFIA DC9 at the DAOF. Other aircraft would also be located at the DAOF as needs arise.

The proposed lease property includes Building 700E (former 90-day Hazardous Waste Storage Area), Building 703 (Hangar), Building 716 (Hazardous Materials Storage Facility), and their associated appurtenances (two retention ponds and asphalt parking lot). The lease would include use of the adjacent common areas (flight ramp, taxiway, and aircraft ramp area). In addition to the proposed lease areas, other common use areas may be used during expansion of programmed aircraft development and aerospace technology operations.

IMPACT ANALYSIS AND PROJECT REQUIREMENTS

TRAFFIC: Proposed activities at the facility would include office and administrative tasks, aircraft and ground support equipment maintenance and fueling, flight operations, including preparation of celestial, atmospheric, and land monitoring equipment and chemicals, building and grounds maintenance, and hazardous and non-hazardous materials/waste management. Current estimates are that the workforce at DAOF would fluctuate from 100 to 300. Due to the nearness of the DAOF to the Center, most employees would not change their residence. The number of travel miles would be reduced for personnel living in or near Palmdale while the travel miles for others would increase. In addition to the 100 employees that would be relocated from the Center to DAOF, it is expected that up to 200 outside researchers from educational institutions, private organizations, and other government agencies would also be using the facility from time-to-time as part of ongoing and future research projects.

NOISE: An increase in local noise levels produced by project activities (at ground level) in the Palmdale area would occur with varying intensity and duration. However, the number of aircraft takeoff and landings will be equal to or less than historical levels at the Palmdale facility. A corresponding decrease in local noise levels would occur at DFRC and Edwards AFB. Hearing conservation requirements and procedures contained in 29 CFR 1910.95 must be followed by all personnel working on this project. Noise impacts from this project would not be significant.

(Continued on attachment)