

REQUEST FOR ENVIRONMENTAL IMPACT ANALYSIS

Report Control Symbol
RCS: 2012-11

INSTRUCTIONS: Section I to be completed by Proponent; Sections II and III to be completed by Environmental Planning Function. Continue on separate sheets as necessary. Reference appropriate item number(s).

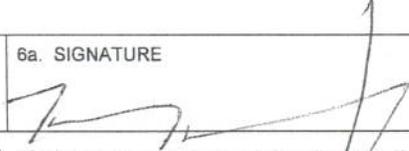
SECTION I - PROPONENT INFORMATION

| | | |
|---|--|-----------------------------------|
| 1. TO (Environmental Planning Function) 7 CES/CEAO | 2. FROM (Proponent organization and functional address symbol) 7 CES/CEAO | 2a. TELEPHONE NO. DSN 461-2050 |
|---|--|-----------------------------------|

3. TITLE OF PROPOSED ACTION
Clear mesquite forest to comply with airfield safety criteria.

4. PURPOSE AND NEED FOR ACTION (Identify decision to be made and need date)
A stand of trees west of runway 16/34 violates the runway primary surface and transitional surface established by 14 CFR Part 77, Subpart C, Section 77.28 and the lateral clear zone established by UFC 3-260-01, Airfield and Heliport Planning and Design.

5. DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES (DOPAA) (Provide sufficient details for evaluation of the total action.)
See attached map. See continuation sheet.

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| 6. PROPONENT APPROVAL (Name and Grade) Tommy Downing, GS-11 Community Planner | 6a. SIGNATURE  | 6b. DATE 20120824 |
|---|---|----------------------|

SECTION II - PRELIMINARY ENVIRONMENTAL SURVEY. (Check appropriate box and describe potential environmental effects including cumulative effects.) (+ = positive effect; 0 = no effect; - = adverse effect; U= unknown effect)

| | + | 0 | - | U |
|---|--------------------------|-------------------------------------|--------------------------|--------------------------|
| 7. AIR INSTALLATION COMPATIBLE USE ZONE/LAND USE (Noise, accident potential, encroachment, etc.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. AIR QUALITY (Emissions, attainment status, state implementation plan, etc.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. WATER RESOURCES (Quality, quantity, source, etc.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. SAFETY AND OCCUPATIONAL HEALTH (Asbestos/radiation/chemical exposure, explosives safety quantity-distance, bird/wildlife aircraft hazard, etc.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. HAZARDOUS MATERIALS/WASTE (Use/storage/generation, solid waste, etc.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. BIOLOGICAL RESOURCES (Wetlands/floodplains, threatened or endangered species, etc.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. CULTURAL RESOURCES (Native American burial sites, archaeological, historical, etc.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. GEOLOGY AND SOILS (Topography, minerals, geothermal, Installation Restoration Program, seismicity, etc.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. SOCIOECONOMIC (Employment/population projections, school and local fiscal impacts, etc.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. OTHER (Potential impacts not addressed above.) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECTION III - ENVIRONMENTAL ANALYSIS DETERMINATION

17. PROPOSED ACTION QUALIFIES FOR CATEGORICAL EXCLUSION (CATEX) # A.2.3.10 ; OR
 PROPOSED ACTION DOES NOT QUALIFY FOR A CATEX; FURTHER ENVIRONMENTAL ANALYSIS IS REQUIRED.

18. REMARKS
The Land is located in an area that is in attainment of the National Ambient Air Quality Standards (NAAQS); therefore, a conformity determination is not required.

Note: #16 - There are no other potential impacts.

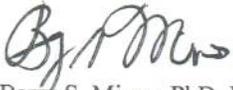
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|---|--|-----------------------|
| 19. ENVIRONMENTAL PLANNING FUNCTION CERTIFICATION (Name and Grade) Bryan Foreman, GS-11 NEPA PM | 19a. SIGNATURE  | 19b. DATE 20120824 |
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5. Description of Proposed Actions and Alternatives (DOPAA):

Proposed Action: Clear approximately 7 acres of mesquite forest on the west side of Runway 16/34. Establish native grasses in the cleared, 7 acre area. The purpose of the proposed action is to clear a stand of trees and brush approximately 860 feet west of the runway 16/34 centerline near the southern glide slope antenna and shelter. These trees violate the runway primary surface and transitional surface, which are obstruction surfaces established by 14 CFR Part 77, Subpart C, Section 77.28 and the lateral clear zone established by UFC 3-260-01, Airfield and Heliport Planning and Design. These trees are classified as an exemption (Obstruction #FNWZ005E) in accordance with the above UFC paragraph 1-4.1 due to the fact that the airfield was established with a 1500' primary surface (750' on either side of the runway centerline) with later standards increasing the surface to 2000'. These trees appear to have been allowed to remain because the area is in a flood zone and there is a designated wetland nearby. While only in extreme emergencies would aircraft stray 860' from the runway, trees in this area would add additional risk to what would already be a catastrophic mishap in progress.

No Action Alternative: The no action alternative action involves leaving the trees in place and continuing to not bring the airfield up to present safety standards. While the likelihood of an aircraft striking the trees is unlikely, the results of such an occurrence would be catastrophic. Therefore it would seem the cost of removing the trees and maintaining prescribed clearances would be the best course of action.

#12 Biological Resources: In reference to the floodplain, in my professional opinion, the removal of existing trees should not have an adverse effect on the flood plain in which there are located. There is currently no practicable alternative to removing the trees as the existing trees violate airfield transitional surfaces and are required to be removed for airfield safety reasons.



Barry S. Mines, PhD, PE, LEED AP