THE AIRPORT IS NOT A WILDLIFE REFUGE!

BSCUSA - St. Louis, MO

August 2006

Russell P. DeFusco, PhD, USAF (ret)
BASH Incorporated

Robert L. Dogan, REM
National Guard Bureau, Environmental Planning Branch

HABITAT MANAGEMENT

CRUX OF ALL BASH PROGRAMS

TURF MANAGEMENT

7-14 Inches - Air Force Mandate
7-14 Inches - Navy Guideline
6-12 Inches - FAA Recommendation

Proper Turf Management Perhaps Most Effective Technique to Reduce Hazardous Bird Populations

Most Often Ignored Principle

Confusing Guidelines Published

PROPER TURF MANAGEMENT:

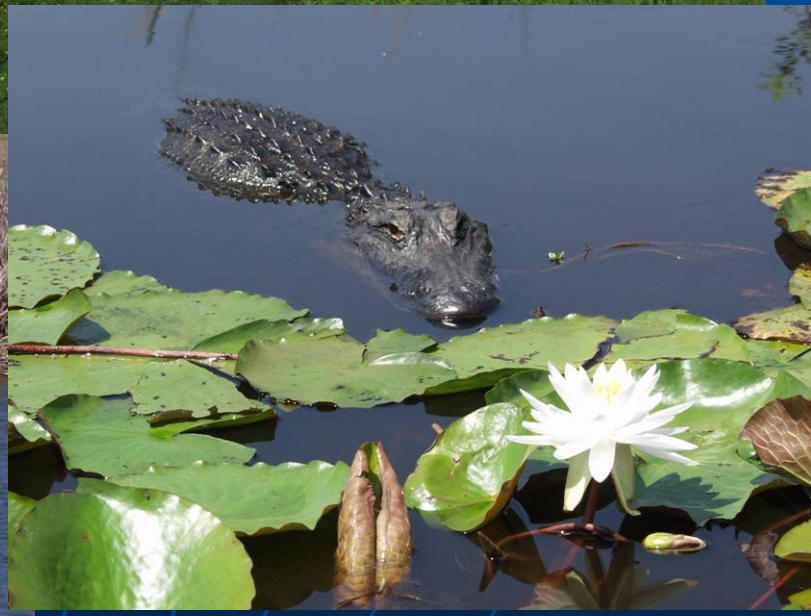
1. Grass indigestible to majority of wildlife species
2. Intermediate height disrupts visual interflock communication
3. Obscures invertebrate food sources
4. Limits predator detection
5. Impedes ease of movement
6. Out-competes weedy vegetation
7. Taller grass becomes senescent and has slower growth rate
8. Less frequent mowing

$AVES MONEY!!!!

TURF MANAGEMENT

Bare Areas and Old Surfaces

WETLANDS/DRAINAGE



Salt Lake City International Airport, UT

Jurisdictional Wetlands???

WETLANDS MITIGATION

Retention/Detention Ponds

Lined Ponds with Wire Grid System

San Juan, Puerto Rico

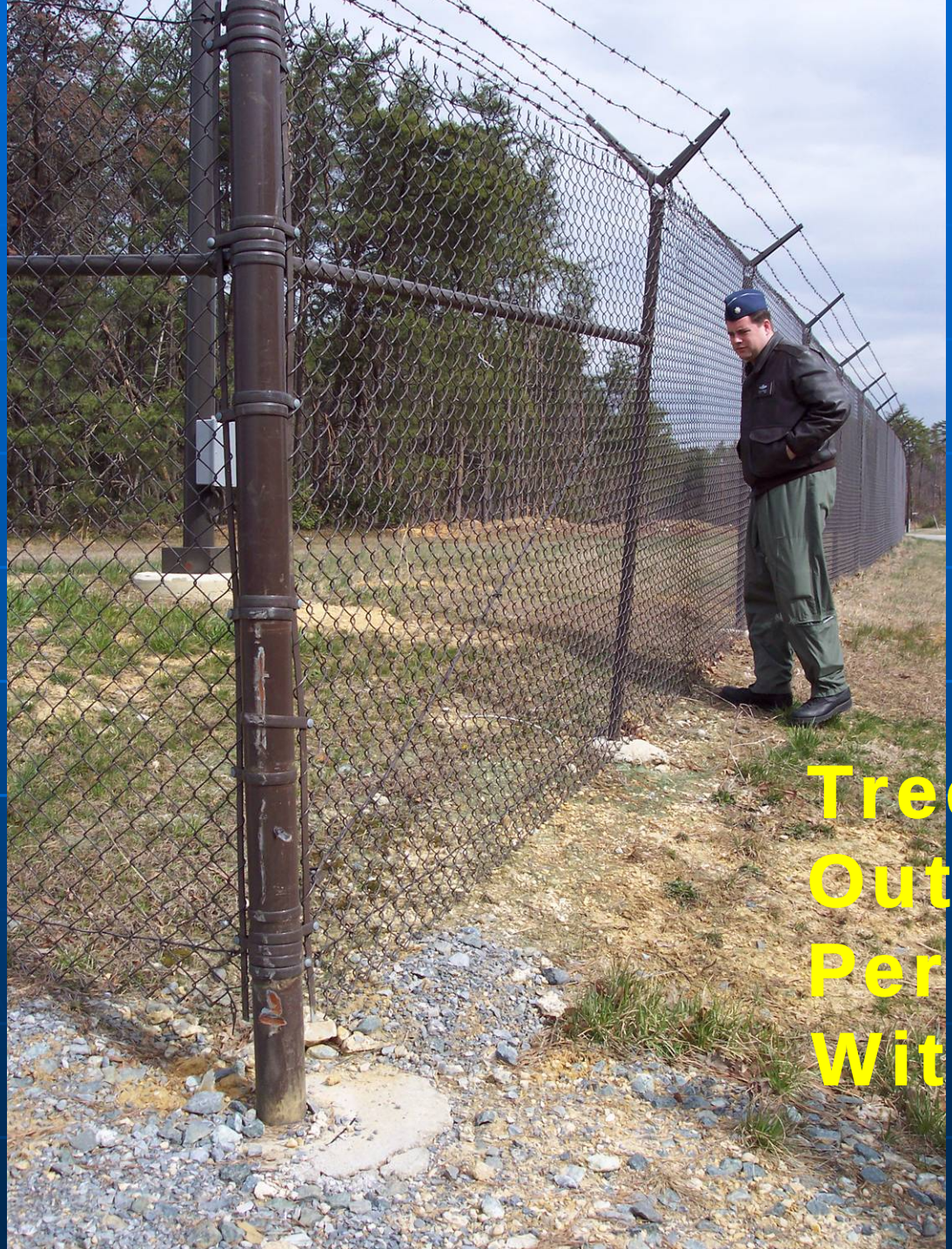
AA
American

**MEMORANDUM OF AGREEMENT BETWEEN
THE FEDEARAL AVIATION ADMINISTRATION,
THE US AIR FORCE,
THE US ARMY,
THE US ENVIRONMENTAL PROTECTION AGENCY,
THE US FISH AND WILDLIFE SERVICE, AND
THE US DEPARTMENT OF AGRICULTURE
TO ADDRESS AIRCRAFT-WILDLIFE STRIKES**

http://wildlife-mitigation.tc.faa.gov/public_html/moa.pdf

TREES AND BRUSH

PERCH SITES, COVER



Trees and Brush Outside Perimeter Fence With Buffer Zone

Minneapolis-St. Paul International

APPROPRIATE LAND USE ON AIRPORT PROPERTY?

AGRICULTURE

FAA Considers Incompatible with Safe Flying Operations on Airport Property Anywhere Within the Standard Separation Criteria of 10,000 Feet from Active Surfaces

Waivers May be Granted if Airport can Prove Severe Economic Hardship
Crop Choice is Important

THREATENED AND ENDANGERED SPECIES

UPLAND SANDPIPER

Bartramia longicauda

Grasshopper Sparrow
Ammodramus savannarum

Burrowing Owl

Athene cunicularia

Black-tailed Prairie Dog

Cynomys ludovicianus

Atlantic City International Airport, NJ
FAA (South Jersey Transit Authority)

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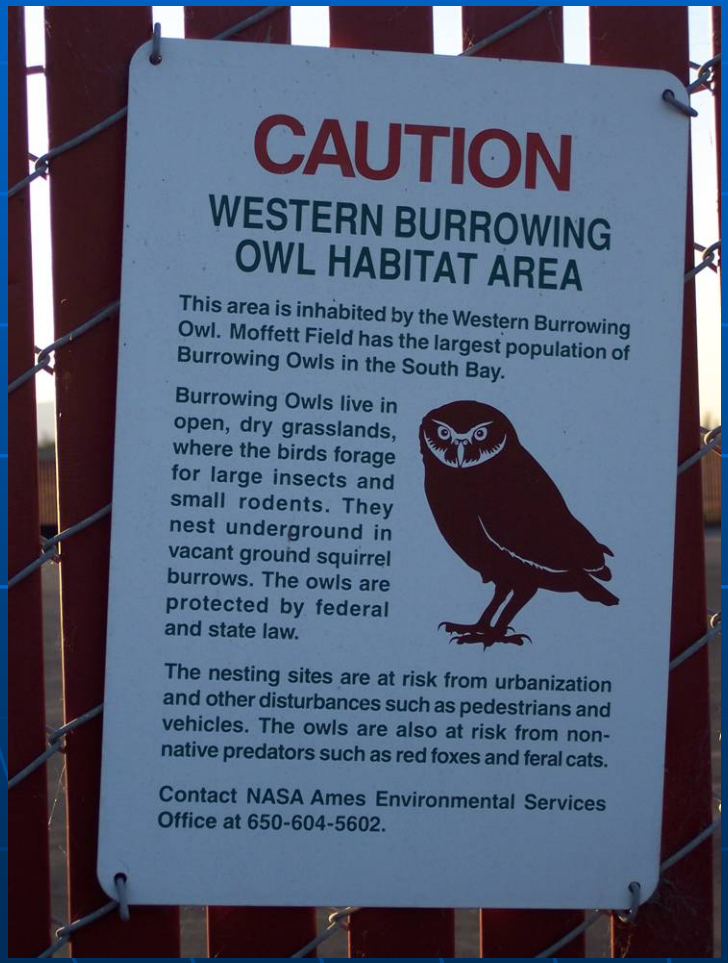
© Dave Rintoul, 2004

Moffett Federal Airfield, CA
NASA


CAUTION
WESTERN BURROWING OWL HABITAT AREA
This area is inhabited by the Western Burrowing Owl. Moffett Field has the largest population of Burrowing Owls in the South Bay.
Burrowing Owls live in open, dry grasslands, where the birds forage for large insects and small rodents. They nest underground in vacant ground squirrel burrows. The owls are protected by federal and state law.
The nesting sites are at risk from urbanization and other disturbances such as pedestrians and vehicles. The owls are also at risk from non-native predators such as red foxes and feral cats.
Contact NASA Ames Environmental Services Office at 650-604-5602.

Buckley Air Force Base, CO

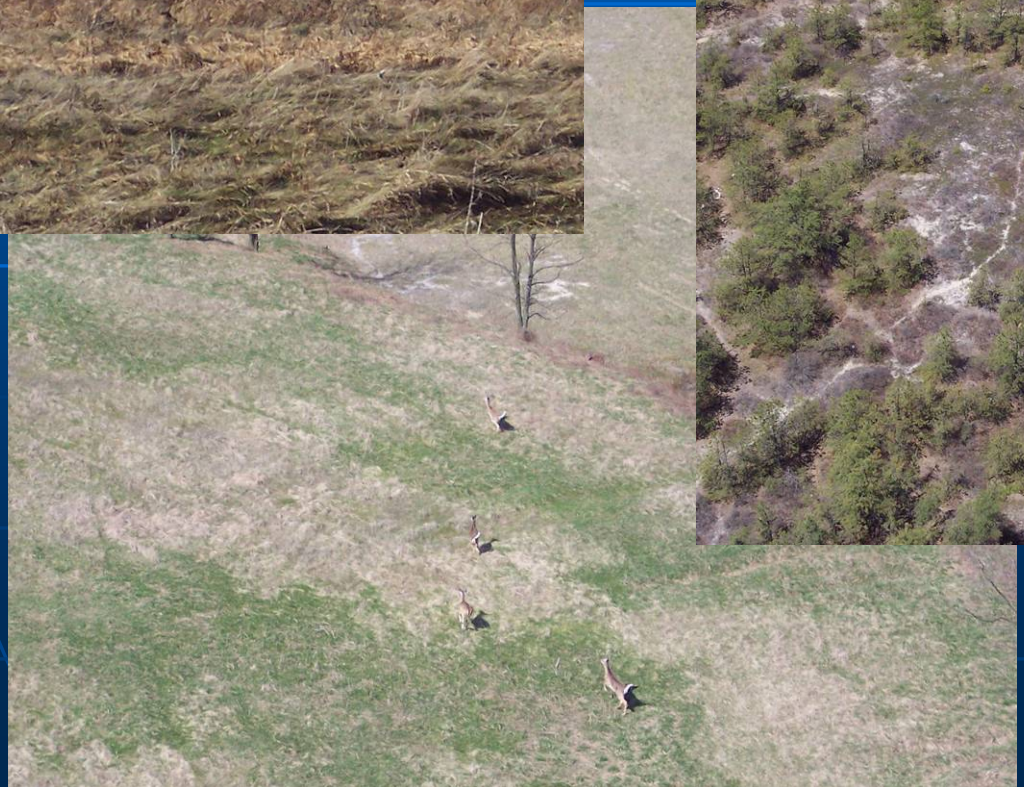
Threatened and Endangered Species

- Help is on the way!!!????
- NEW FAA Cert Alert and Advisory Circular
  - If T&E species present on airport and do not cause hazards – OK to leave them
  - However, airports shall not alter recommended habitat management strategies to encourage T&E species in AOA
    - No creation of new habitat, alteration of mowing schemes, mitigation areas, etc

PASSIVE TECHNIQUES

Fences – 8 feet chain link plus outriggers and footers

LARGE MAMMALS



OTHER WILDLIFE

PASSIVE TECHNIQUES

INEFFECTIVE TECHNIQUES

ACTIVE DISPERSAL

DEPREDATION

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QUESTIONS????

Russell P. DeFusco
(719) 664-8420 BirdmanRuss@aol.com

Robert L. Dogan
(301) 836-8859 Robert.Dogan@ang.af.mil