



95 ABW

Readiness & Environmental Protection Initiative (REPI) Program

***Sam Cox (TYBRIN)
REPI Program Manager
95 ABW/CEV
Edwards AFB
(661) 277-9133
samuel.cox.ctr@edwards.af.mil***





REPI – What is it?



95 ABW

Part of DoD's overall Sustainable Ranges Initiative. Addresses encroachment on military installations through buffer land acquisition via DoD and conservation entity partnerships. Goal is to sustain DoD missions and support land conservation

Tool to support long term Air Force Flight Test Center (AFFTC) flight test mission sustainment efforts



REPI Objectives



95 ABW

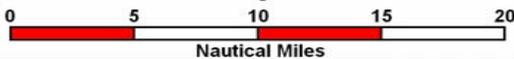
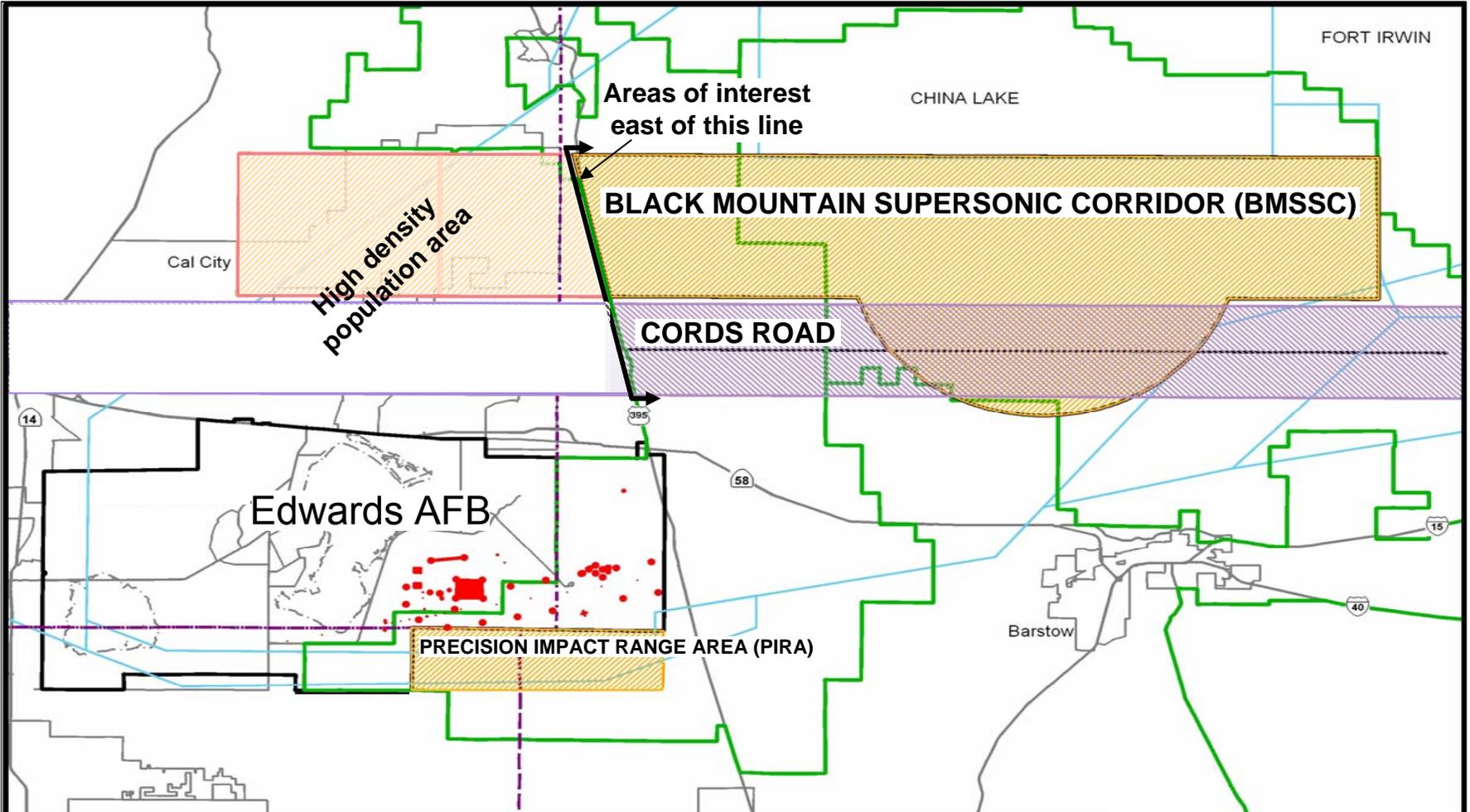
- ***Control incompatible land development on private land to mitigate AFFTC flight test mission impacts/constraints***
 - ***Secure land beneath Black Mountain Supersonic Corridor (BMSSC) and Cords Road (342 & 294 square miles respectively)***
 - ◆ ***BMSSC supports low to high altitude supersonic flight test***
 - ◆ ***Cords Road is key radar flight test path***
 - ***Establish a weapons test safety footprint that can extend beyond the Precision Impact Range Area (PIRA) in the south base area bordering private land***
 - ◆ ***PIRA is site of numerous weapons test targets including AFFTC's only live ordnance target—buffer is approximately 56 square miles***
- ***Support habitat conservation--DoD will not own or utilize these lands***
 - ***All three areas are critical desert tortoise habitat--will be turned over to and managed by conservation entities***



REPI Areas of Concern



95 ABW



Legend

- PIRA Targets
- County Line
- Air Space
- Desert Tortoise Habitat

REPI Project Map

Date: 1-07

Project #:
HD308894

REPI Project
Edwards AFB

Figure

1



REPI Program Execution



95 ABW

- ***Two phase approach***
 - ◆ ***Study all three areas in detail***
 - ◆ ***Acquire land in partnership with conservation entities***



REPI Study Execution



95 ABW

- ***Study and characterize private land in these areas using Legacy and other OSD funding***
 - ***Study methodology for all three areas identical***
 - ◆ ***Compile/validate land ownership information and value land***
 - ◆ ***Create GIS-based maps/data to include biodiversity targets***
 - ◆ ***Compile military priorities map***
 - ◆ ***Develop map layers showing intersections between private parcels, military priorities, and priority biodiversity sites***
 - ◆ ***Develop parcel-specific acquisition priorities***
 - ◆ ***Prepare Final Report***



REPI Study Execution



95 ABW

- ***The Nature Conservancy (TNC) currently studying BMSSC (due to conclude Jun 07) via OSD O&M funding \$65K***
- ***Working Legacy funding (\$54K) for Antelope Valley Resource Conservation District (AVRCD) to study PIRA***
- ***Exploring funding sources for a Cords Road study***
 - ***Plan to contract TNC again to execute study in same manner as current BMSSC effort***
 - ***Study costs projected at \$98K based on privately owned by-acre cost extrapolation per ongoing BMSSC study by TNC***



REPI Land Acquisition Execution



95 ABW

- ***Build partnerships with conservation entities, TNC and AVRCD, and other agencies to secure land via REPI funding to control incompatible land development***
 - ***Strategy includes use of conservation easements and endowments***
 - ***Requires partnering and cost sharing***
 - ***Partner executes the purchase/easement negotiation--not a program for DoD property acquisition***
 - ◆ ***AF interest is a conservation easement***
- ***AF currently building a process to enable execution***
 - ***Cooperative Agreement (CA) with conservation partners required; learning from Army's experience to draft AF CA***
 - ◆ ***Determination of final document format/content, routing and approval/signature level still in work at AF/A7CPB***