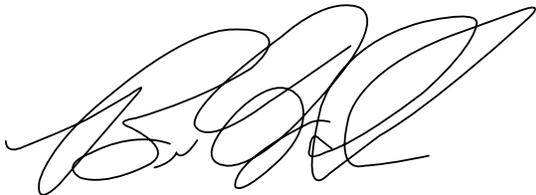


**ARIZONA GAME AND FISH DEPARTMENT  
HABITAT PARTNERSHIP PROGRAM  
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

<b>PROJECT INFORMATION</b>	
<b>Project Title:</b> Experimental Elk Survey	<b>Project No.</b> 07-717
<b>Region/GMU:</b> Region 1 and 6	<b>HPC:</b>
<b>Project Type:</b> Survey	
<b>Project Description:</b> Conduct helicopter elk surveys in Units 1, 22, 23, and 27 to continue evaluation of efficacy of double count survey methods in Arizona.	
<b>Wildlife Species to Benefit:</b> Elk	
<b>Possible Funding Partners:</b>	
<b>Implementation Schedule:</b> <b>Beginning:</b> September 2008 <b>Completed:</b> October 2008	
<b>PROJECT FUNDING</b>	
<b>SBG Funds Requested:</b> \$20,500	
<b>Cost Share Funds:</b> \$15,000	
<b>Total Project Costs:</b> \$35,500	
<b>PARTICIPANT INFORMATION</b>	
<b>Applicant:</b> Brian Wakeling (please print) <b>Telephone:</b> 623-236-7385	<b>Address:</b> Arizona Game and Fish Department Game Branch 5000 West Carefree Highway Phoenix, AZ 85086
<b>AGFD Contact and Phone No.</b> (If applicant is not AGFD personnel)	
<b>Coordinated with:</b> Regional Game Specialists	<b>Date:</b> December 13, 2007
<b>Applicant's signature:</b> 	<b>Date:</b> December 13, 2007

**SEND COMPLETED APPLICATIONS TO:  
Game Branch**

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**NEED STATEMENT/PROBLEM ANALYSIS:**

As part of the implementation of the Big Game Survey Protocol, evaluation of double count surveys is important for elk as well as other big game species. Two years of improvements have been evaluated and a third year is recommended prior to statewide implementation including use in new units (1 and 27).

**PROJECT OBJECTIVES:**

Conduct elk surveys in Units 1, 22, 23, and 27 using double count methodology to verify its efficacy on elk in varied habitats.

**PROJECT STRATEGIES:**

Implement improved big game survey protocol that will yield population indices in addition to bull to cow and calf to cow ratio data.

**PROJECT LOCATION:**

Units 1, 22, 23, and 27.

**LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name):**

Primarily U.S. Forest Service, although inholdings of private land are included. Some state land may also be surveyed.

**IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?**

No.

**HABITAT DESCRIPTION:**

Forested habitat with varying degrees of meadow openings and a variety of terrain features.

**ITEMIZED USE OF FUNDS:**

25 hours of survey time at \$820/hr yields \$20,500. Survey time will be equitably distributed between all 4 units.

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

**PROJECT MONITORING PLAN:**

Results will be reported in annual performance reports and implementation of survey statewide will be the result.

**PROJECT MAINTENANCE:**

**PROJECT COMPLETION REPORT TO BE FILED BY:**

Game Specialist in Region where surveys conducted.

**WATER DEVELOPMENT PROJECTS (see attached worksheet):**

**TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (see attached worksheet):**