

Headquarters U.S. Air Force Safety

Safeguard Airmen/Guardians – Protect Resources – Enable Mission Success

Bird/wildlife Aircraft Strike Hazard Brief



***AFSEC/SEFW
BASH Team***



BASH Briefing



- **BASH Program Manager**
- **Mission Design Series Elevated Risk**
 - **F-35 Joint Strike Fighter**
 - **T-7 Red Hawk**
 - **B-21 Raider**





BASH Program Manager

DAFI 91-212, Bird/Wildlife Aircraft Strike Hazard (BASH) Management Program (13 April 23)

1.3.9.2. The Chief/Director of Safety will designate the BASH Program Manager, in writing.

1.3.10.3. Due to the highly specialized nature of wildlife hazard management, staffing a dedicated wildlife hazard management professional is critical. The BASH Program Manager will maintain minimum qualifications in the Wildlife Biology Series (0486) or General Natural Resources and Biological Science Series (0401), under the United States Office of Personnel Management General Schedule Qualification Standards.



BASH Program Manager

Will DAF BASH Program Managers(PM) replace USDA? No

The intent of the DAF BASH Program manager position is to:

- provide continuity to an installation's BASH Program**
- provide an AF wildlife damage control biologist to the Wing Commander's safety staff.**

Currently, the BASH Program Manager is often a Flight Safety Officer, or a Flight Safety Non-commissioned Officer with no education and/or experience in wildlife damage control.



BASH Program Manager

Will BASH PM be office employees or field employees?

BASH PM duties will primarily be office duties such WHA, permits, coordination with base entities for habitat management projects, funding advocate, wildlife strike investigations, etc. However, duties will be based on the need of the bases that fill the position. Some bases may require more field work of their BASH PM's.



MDS Elevated BASH Risk

■ **F-35 Joint Strike Fighter (FY19-23)**

- Single engine & 2 intakes
- FY19-23: Wlf Events: 265
- Damage Cost: **\$7.3M**



■ **T-7 Red Hawk**

- Single engine & 2 intakes

■ **T-38 Talon (FY19-23)**

- 2 engines & 2 intakes
- FY19-23: Wlf Events: 586
- Damage Cost: **\$28.3M**





MDS Elevated BASH Risk

- **B-21 Raider**
 - 6th generation technology
 - ~ \$600M
 - 2 engines
 - Narrow intakes





DAF Guidance

- **DAFI 91-212: (13 April 23) (Compliance is Mandatory)**
 - BIRD/WILDLIFE AIRCRAFT STRIKE HAZARD (BASH) MANAGEMENT PROGRAM
- **AFMAN 11-202v3, (9 Jan 22) (Compliance is Mandatory)**
 - FLIGHT OPERATIONS
- **DAFI 91-204, (10 Mar 21) (Compliance is Mandatory)**
 - SAFETY INVESTIGATIONS AND REPORTS
- **DAFMAN 91-223, (20 Sep 22) (Compliance is Mandatory)**
 - AVIATION SAFETY INVESTIGATIONS AND REPORTS
- **AFMAN 32-7003 (26 Jun 24) (Compliance is Mandatory)**
 - ENVIRONMENTAL CONSERVATION
- **AFMAN 32-1053 (6 Aug 19) (Compliance is Mandatory)**
 - INTEGRATED PEST MANAGEMENT PROGRAM



BASH Team



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