



Charles Heywood

You have been awarded with the Department of Interior's Safe Flying Award. This award is established to recognize DOI pilots who have distinguished themselves by safe flying for the period considered. The award of Excellence is given to pilots with 15 years or 5,000 hours of safe flying.



Nomination for Safe Flying Award

Award Category (see 352 DM 4.8D below):

Nominee's Full Name: Charles Heywood

Pilot Certification Number:

Date of Birth:

Pilot Status (Type of Pilot): Dual function hydrologist/geophysicist-pilot

Period of Consideration: "Award of Excellence - Fifteen years or 5,000 hours of safe flying"
FY2016

Total Safe Hours or Years Attained: 18

Reference: 352 DM 4 (excerpt)

4.6 **Processing and Approval.** All nominations, except Airwards (refer to paragraph 4.11D), will be processed through the respective Bureau National Aviation Manager/Aviation Safety Manager or their designee through the NBC AMD Aviation Safety Manager for eligibility verification, then reviewed for approval by the Bureau's DOI Aviation Management Board of Directors (ABOD) member.

4.8 **Award for Safe Flying.** This award is established to recognize DOI pilots who have distinguished themselves by safe flying for the period considered. This award is restricted to DOI employees.

A. Standards.

(1) All dates of computation for this award must be for the period of time the employee was on official DOI pilot status. However, periods of consideration need not be consecutive. A copy of pilot status authorization or other substantive documentation must be submitted with the nomination.

(2) If the nominee has experienced an aircraft accident where pilot error or negligence was a causal or contributing factor, that individual is ineligible for consideration for any years prior to the accident. Dates of consideration are not retroactive for periods prior to a known accident and must not be omitted to avoid identification of an accident or unsafe behavior.

(3) The nominee must have demonstrated safe, professional behavior as a DOI pilot for the period of consideration.

B. Criteria. The criteria for consideration of presentation of these awards are:

(1) The employee must be a professional pilot (GS-2181), dual-function, or incidental pilot.

(2) All flight time submitted will have been acquired while flying as a PIC, as defined by 14 CFR 61, while on official DOI business.

C. Awards. An appropriate recognition item shall be given to selected pilots.

D. Award Categories.

(1) Award of Merit. 5 years or 1,000 hours of safe flying.

(2) Award of Distinction. 10 years or 3,000 hours of safe flying.

(3) Award of Excellence. 15 years or 5,000 hours of safe flying.

(4) Award of Honor. 20 years or 7,500 hours of safe flying.

(5) Secretary's Award of Honor. More than 25 years or more than 10,000 hours of safe flying.

E. Procedures. Each nomination will include:

(1) Full name, FAA Airman's Certificate number, and date of birth.

(2) Pilot status (e.g., professional pilots - GS-2181, dual-function, or incidental). If the nominee is an incidental pilot, the Letter(s) of Authorization for the years being considered should also be submitted.

(3) Period of consideration and total number of safe flying hours attained.

Department of the Interior Award for Significant Contribution to Aviation Safety

Karen L. M. Morgan

For her outstanding leadership and contributions to the Aviation Safety Program of the Department of the Interior (DOI).

In addition to her overall responsibilities as a geologist with the St. Petersburg Coastal and Marine Science Center (SPCMSC) of the U.S. Geological Survey (USGS), Karen Morgan serves as Collateral Duty Aviation Safety Program Coordinator for the SPCMSC. In addition, she coordinates an aviation safety network which serves not only SPCMSC, but also the Caribbean-Florida Water Science Center, the Wetlands and Aquatic Research Center, the Florida Cooperative Research Unit and the Pacific Coastal and Marine Science Center (PCMSC) and other Federal and State partners. The Aviation Safety Programs within Ms. Morgan's network conduct missions including point-to-point transportation of personnel and cargo, remote landing zone, wildlife tracking, unoccupied aircraft systems (drones), and airborne survey missions. Ms. Morgan provides safety training advice and training records oversight, disseminates pertinent aviation safety bulletins and information, maintains aviation life support equipment and personal protective equipment, coordinates flight following, and serves as an aviation subject matter expert for planning scientific aviation activities. As an aircrew member on numerous aerial surveys, Ms. Morgan developed safe procedures for obtaining high quality pre- and post-storm aerial imagery of coastlines that is cost effective and timely. These publicly available aerial photos are used by the public and scientists both inside and outside the USGS to study how storms reshape coastal areas and how coastal areas recover by natural processes. This imagery serves to educate the public and enhance the USGS role in coastal hazard research and risk assessment. Ms. Morgan has published 16 reports documenting the methods and data from these airborne photographic missions.

Ms. Morgan has served as a focal point for Florida and the PCMSC aviation safety. These Centers receive a higher level of training that translates to a higher level of aviation safety knowledge which shows in the excellent aviation safety program evaluations of the Centers serviced by Ms. Morgan. These Centers have consistently met or exceeded all aviation program requirements and have served as outstanding examples to other USGS units because of Ms. Morgan's insight, recommendations, and her ever mindful dedication to safety in the workplace and in the sky.

Science Center Directors, supervisors, field scientists, technicians, and administrative staffs have higher safety awareness, are knowledgeable about aviation safety practices, and fully support aviation safety because of Ms. Morgan's enhanced role of leadership and management in promoting a culture of safety. Ms. Morgan has fostered valuable cooperation between the USGS, Department of the Interior (DOI) bureau partners, and other organizations. Her efforts and contributions have improved science and safety effectiveness by sharing best practices with the wider aviation safety community. In addition, her integrity and professional approach to aviation safety inspires confidence among peers, scientific cooperators, and science consumers.

Ms. Morgan lives by the framing principles of aviation safety and has mentored others in their pursuit of excellence and professionalism in the DOI Aviation Safety Program. She has improved employee engagement in safety and science by influencing a work environment that inspires employee participation. She has written and improved several Center Aviation Management Plans, Aviation Mishap Response Plans, and Project Aviation Safety Plans. She has conducted risk assessment analyses and has prevented exposure to aviation hazards and mitigated risks for various scientific missions. Ms. Morgan's efforts have set an example that will have a lasting influence on the USGS aviation safety culture and on the research that it supports to the great benefit of the DOI, the USGS, and to the science of her many coworkers and cooperators.

Submitted by: William Christiansen, USGS Safety & Occupational Health Manager (Aviation),
303-236-5513

Supported by: Nathaniel Plant, Supervisor, St. Petersburg Science Center, 727-502-8072

Supported by: Cheryl Hapke, Center Director, St. Petersburg Science Center, 727-502-8068

Recommended by: Marjorie Davenport, Deputy Regional Director, SE, 678-924-6608