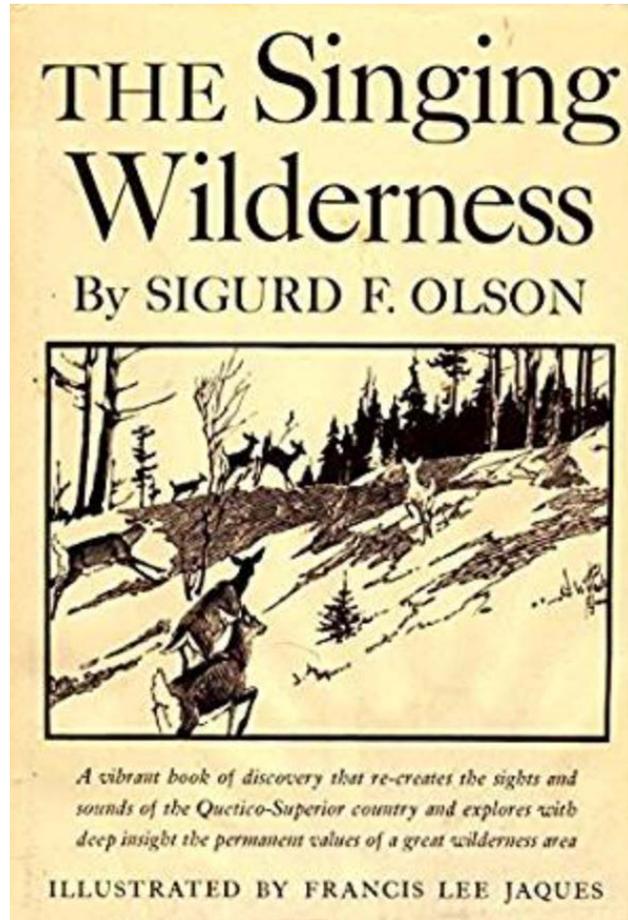




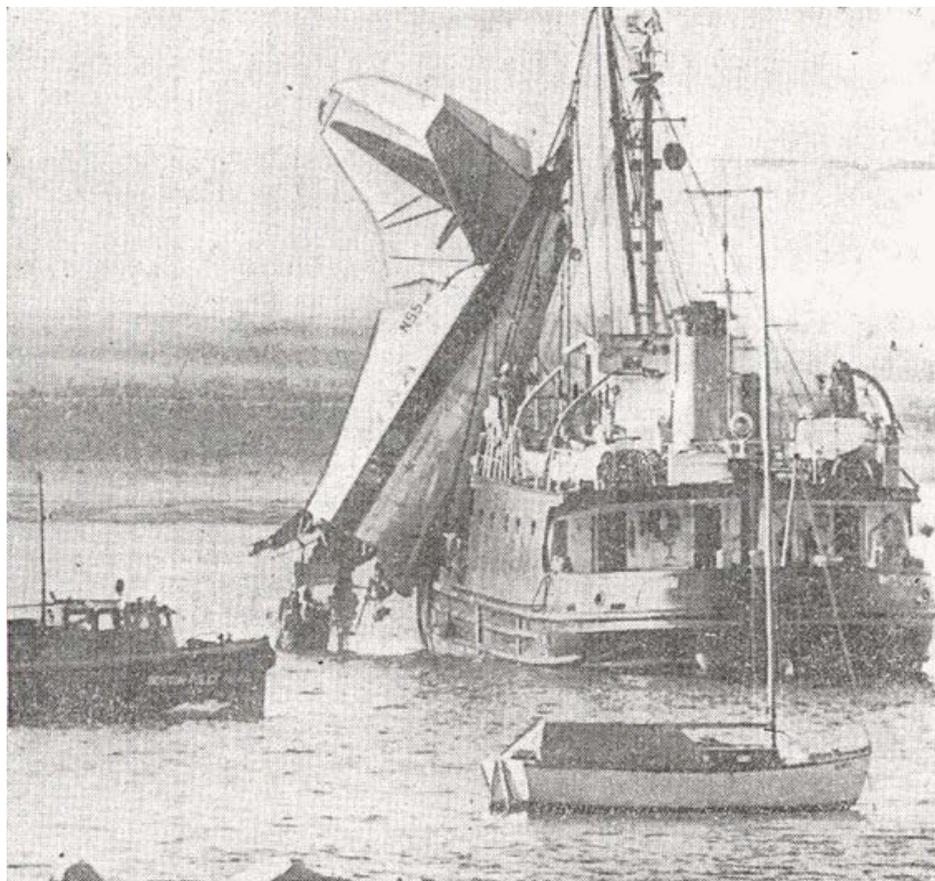
**Janet L. Bucknall**  
**Deputy Administrator - USDA APHIS Wildlife Services**







**“...in these ancient campsites, the voyageurs of the past camp with you.”**



**1960 Boston Logan**

**Starlings**

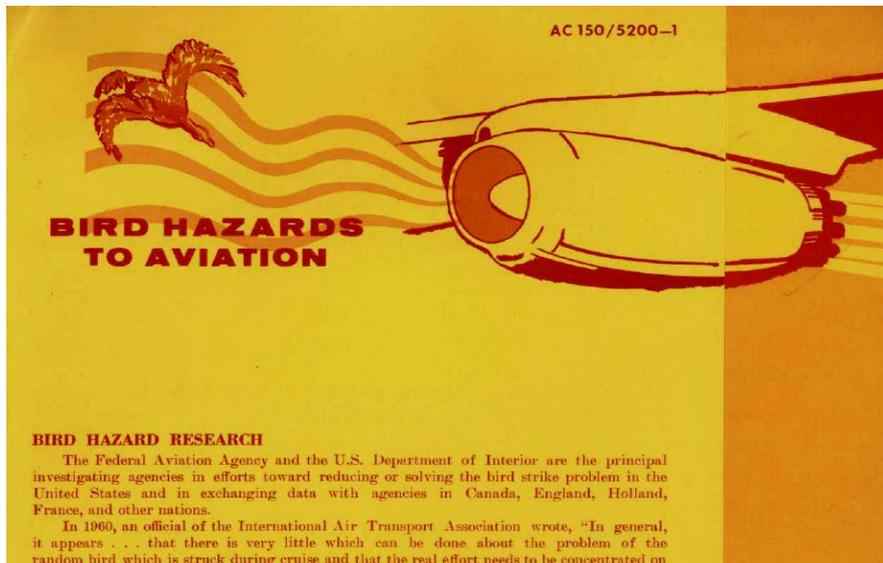
**62 Fatalities**

**FAA – minimum bird ingestion standards for turbo-fan engines**

## 1975 New York City JFK

Gulls

No Fatalities



Engine Standards

Strike Data Collection

Training



Wildlife Services "...is responsible for assisting the Federal Aviation Administration.... and local airport authorities in resolving hazards to aircraft. .... will consult with the FWS to assure that potential conflicts are not realized."

MEMORANDUM OF UNDERSTANDING  
between  
UNITED STATES DEPARTMENT OF INTERIOR  
and  
UNITED STATES DEPARTMENT OF AGRICULTURE

This Memorandum of Understanding (MOU) states, in specific terms, program resources to be transferred to the Department of Agriculture (USDA) from the Department of Interior (USDI), relative to the transfer of the Animal Damage Control (ADC) program functions from USDI to USDA. This Memorandum also specifies other areas of agreement between USDI and USDA.

**BACKGROUND AND AUTHORITIES**

The Act of March 2, 1931, (46 Stat. 1486, 7 U.S.C. 426-426b), gave USDA the authority to control animals (including birds) deemed injurious to agriculture, horticulture, forestry, animal husbandry, wild game animals, fur-bearing animals and birds. The 1939 Reorganization Plan No. II (53 Stat. 1433) transferred this authority to USDI. On December 19, 1985, the authority of the Secretary of Agriculture under the Act of March 2, 1931, was permanently transferred from the USDI back to USDA pursuant to Federal legislation. Pub. L. 99-190: H.J. Res. 465, 99th Cong. 1st Sess. (1985). Included in this transfer of authority from USDI to USDA were all personnel, property, records, unexpended balances of appropriations, allocations, and other funds of the Fish and Wildlife Service, USDI, that were used, held available, or to be made available in connection with the administration of the Act. Funds were provided to USDA for the entire Fiscal Year 1986 (October 1, 1986 through September 30, 1986).

USDI enters into this MOU pursuant to the authority of the Fish and Wildlife Act of 1956, 16 U.S.C. 752 (5)(a)(4), and the Fish and Wildlife Coordination Act, 16 U.S.C. 661.

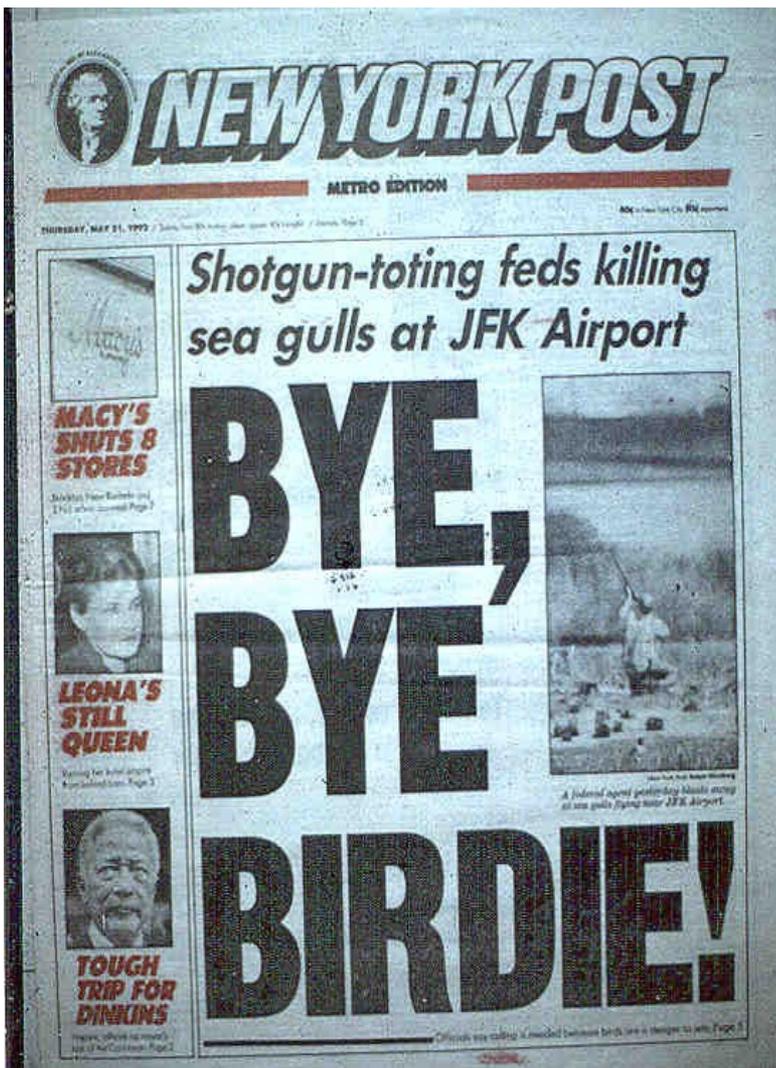
**AGREEMENT**

USDI and USDA agree as follows:

1. Funds, personnel, property, FTE employment targets, and records - the specific resources transferred are identified in Attachment A, transmittal memorandum and Determination Order dated April 30, 1986.
2. Reimbursable Interagency Agreement - Before the end of FY 1986, USDA will prepare and execute an interagency agreement with USDI to repay USDI for valid expenditures made in support of the ADC program during FY 1986, before USDA administratively supports the program. This repayment is contingent upon USDA receiving sufficient accounting reports from USDI in order to make a reasonable accounting of costs incurred, and is subject to the availability of requirements for ADC total \$2.0 billion for FY 1986. USDI agrees to pay SLUC, FTS, Workers Compensation, and unemployment compensation costs from existing funds for the entire FY 1986, estimated at \$1,156,600. The compensation due to USDI will be offset by \$247,000 for the remaining general administration requirements not enumerated above.













**890** airports  
**77%** of Part 139 airports  
**125** airbases  
**5,022** airport personnel trained  
**300** staff-years of service







**WS National Kestrel Study – Unique Bands**



## Report Wildlife Strikes

 <http://wildlife.faa.gov>  <http://www.faa.gov/wireless>



# Memorandum of Agreement

USDA, FAA, USAF, US Army, EPA, and FWS

**“Coordinated efforts among agencies are critical to minimize wildlife risks to aviation and human safety, while protecting the Nation’s valuable environmental resources.”**



# 2018

## The Year of the Bird





# Shared Vision



