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## Test and Evaluation: Reducing Risks to Military Aircraft from Bird Collisions: Nsiad-89-127

By -

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 32 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. Pursuant to a congressional request, GAO reviewed the services: (1) testing of military aircraft to reduce losses and damages resulting from bird collisions; and (2) development and use of nonflammable hydraulic fluid to reduce fire risks. GAO found that: (1) between 1983 and 1987, military aircraft collided with birds over 16, 000 times, causing the loss of 9 aircraft, 6 crew member fatalities, and 318 million in damage; (2) the services specifications for testing jet engines against bird collisions served as guidance, rather than as requirements, resulting in the services not always requiring testing or using analytical methods which fully tested against known bird hazards; (3) jet engine testing methods did not always reflect the sizes and numbers of birds that could be ingested; (4) the services did not test airframes to identify and minimize vulnerability to bird collisions; (5) military oversight of engine testing against bird collisions was typically limited to monitoring; and (6) little documentation existed to evaluate the effectiveness of tests against bird collisions. GAO also found that: (1) between 1965 and 1986, hydraulic fluid fires during aircraft...



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