

# A Survey of Aircraft Structural-Life Management Programs in the U.S. Navy, the Canadian Forces, and the U.S. Air Force

## A Survey of Aircraft Structural-Life Management Programs in the U.S. Navy, the Canadian Forces, and the U.S. Air Force

Yool Kim, Stephen Sheehy, Darryl Lenhardt

RAND PROJECT AIR FORCE

The aircraft in the U.S. Air Force are aging, and keeping them healthy and safe is likely to require attention to clear policies and regulations on sustaining the aircraft.

A Survey of Aircraft Structural-Life Management Programs in the U.S. Navy, the Canadian Forces, and the U.S. Air Force 2006 Federal Aviation Administration . Also in 1959, the U.S. Air Force (USAF) adopted Safe-Life fatigue design and a permanent aircraft structural integrity program (ASIP), see Fig. acceptance of the USAF DT requirements for military aircraft. For example, the U.S. Navy still uses the Safe-Life approach. The service life of aircraft structure includes the fatigue life and calendar life. . and Lenhardt, D. A Survey of Aircraft Structural-Life Management Programs in the U.S. Navy, the Canadian Forces, and the U.S. Air Force, 2006, A Survey of Aircraft Structural-Life. Management Programs in the U.S. Navy, the Canadian Forces, and the U.S. Air Force,. Santa Monica, Calif.: RAND Chinese Responses to U.S. Military Transformation and Implications for the Department of Defense James C. Mulvenon Impossible Certainty: Cost Risk Analysis for Air Force Systems A Survey of Aircraft Structural-Life Management Programs in the U.S. Navy, the Canadian Forces, and the U.S. Air Force Yool Kim A Survey of Aircraft Structural-Life Management Programs in the U.S. Navy, the Canadian Forces, and the U.S. Air Force 2006 Kim, Y, Sheehy, S, Lenhardt, D. A survey of aircraft structural life management programs in the U.S. Navy, the Canadian forces, and the U.S. Air Force. Arlington A survey of aircraft structural-life management programs in the U.S. Navy, the Canadian forces, and the U.S. Air Force by Yool Kim( Book ) 5 editions published Figure 7. The U.S. Navy Aircraft Structural-Life Management Approach (from . mission requirements determination study and expanded the scope to include . Sales partners, specifically the Canadian Forces (CF), Royal Australian Air Force. Table of Contents for A survey of aircraft structural life management programs in the U.S. Navy, the Canadian forces, and the U.S. Air Force / Yool Kim, Stephen aircraft beyond their original design service lives. United States Air Force to sustain its war fighting capability. REFERENCES TO THIS STUDY SHOULD .. Throughout the Cold War, when the force-structure and force-age Management Programs in the U.S. Navy, the Canadian Forces, and the U.S. The P-3 service life extension program (SLEP) served to extend the P-3s capabilities. .. The U.S. Navy Aircraft Structural-Life Management Approach (from . mission requirements determination study and expanded the scope to include . Sales partners, specifically the Canadian Forces (CF), Royal Australian Air Force.