

EXAMINING THE IMPACT OF AGING WORKFORCE ON AIRCRAFT AVAILABILITY

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ABSTRACT

In the United States, 10,000 baby boomers (born 1946-1964) turn 65 every day. This will continue until the year 2030. The subsequent generation born between 1965 and 1976 is significantly smaller, colloquially referred to as the baby bust. As a result, this causes a talent shortage as Baby Boomers retire, leaving a workforce gap, which the subsequent generation is not large enough to fill. This issue also has been recognized as a serious problem in the logistics community of the United States Air Force. The purpose of this study is to examine the impact of workers' age on key logistics performance indicators (KLPIs) such as aircraft availability, product flow days, and production hours. This study finds that quadratic relationships exist between workers' age and KLPIs.

Keyword: workforce; logistics; aircraft; performance