Aerometals

H60 IBF

Aerometals Design vs. Legacy Design

REV NC

03/17/2021

H-60 EIBF BACKGROUND

H-60 EIBF HISTORY

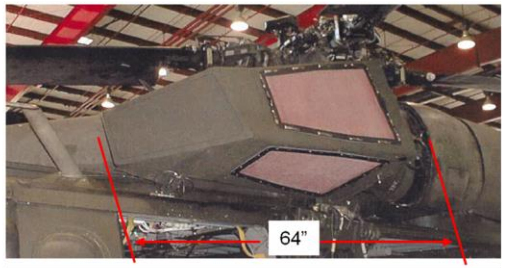
In 1991 at the request of the U.S Army, Donaldson developed an IBF system for the UH-60 Blackhawk in a record 7 months. At the time, this met the demands of the U.S. Army, but the aggressive timeline didn't allow for an optimal design. More recently PALL has also been suppling spare filter elements for the Donaldson System using dry media.

SYSTEM COMPARISON

Aerometals system has shown significant performance improvements compared to the Donaldson system (Legacy). While the filtration performance can be considered equivalent between the two systems , the Aerometals product removes all the negative aircraft level effects of the legacy system.

LEGACY

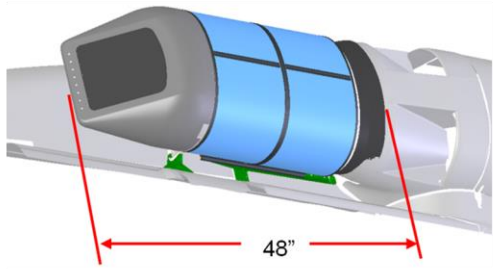
NET WT INCREASE = 172 LBS



DRAG INCREASE = 10 FT^2

AEROMETALS

NET WT INCREASE = 120 LBS



DRAG INCREASE = NEGLIGIBLE

AIRCRAFT PERFORMANCE **DELTA**

- OVER 50 LB WEIGHT SAVINGS
- NO IMPACT ON RAM AIR COOLING
- NO AIRSPEED CORRECTION CHARTS
- UP TO 40 LBS/HR FUEL BURN REDUCTION