



Photo Credit: Chris Machian / Omaha World-Herald



**Jeff Hanke**  
Director, Army and Air Force Programs  
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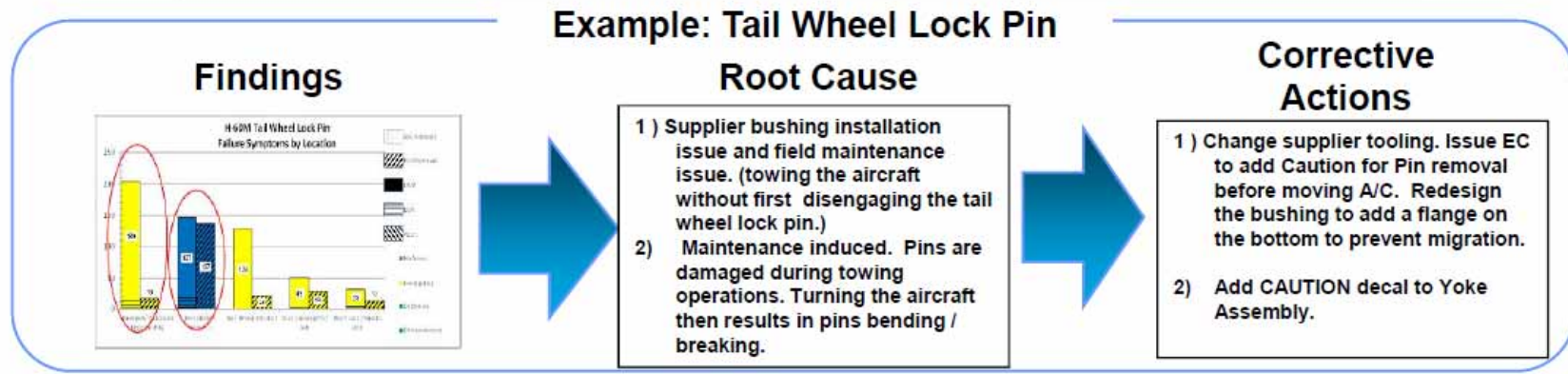
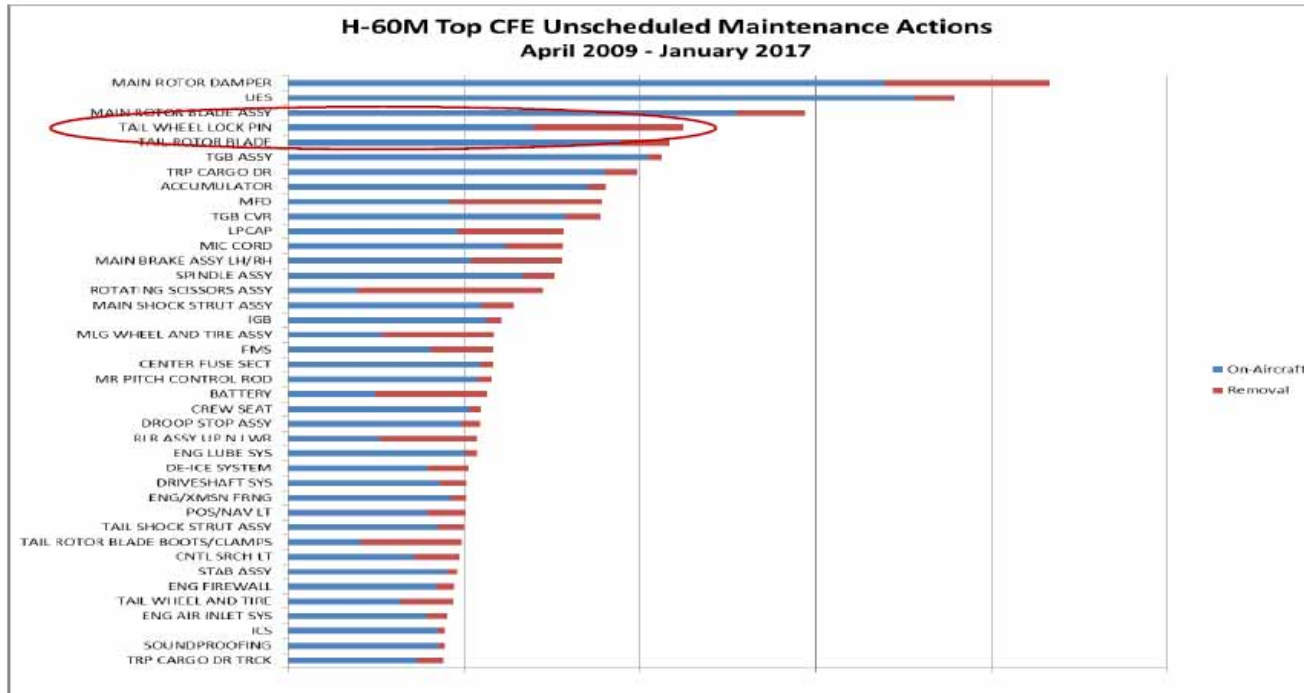
# Document Content Warning Statement



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# FRACAS

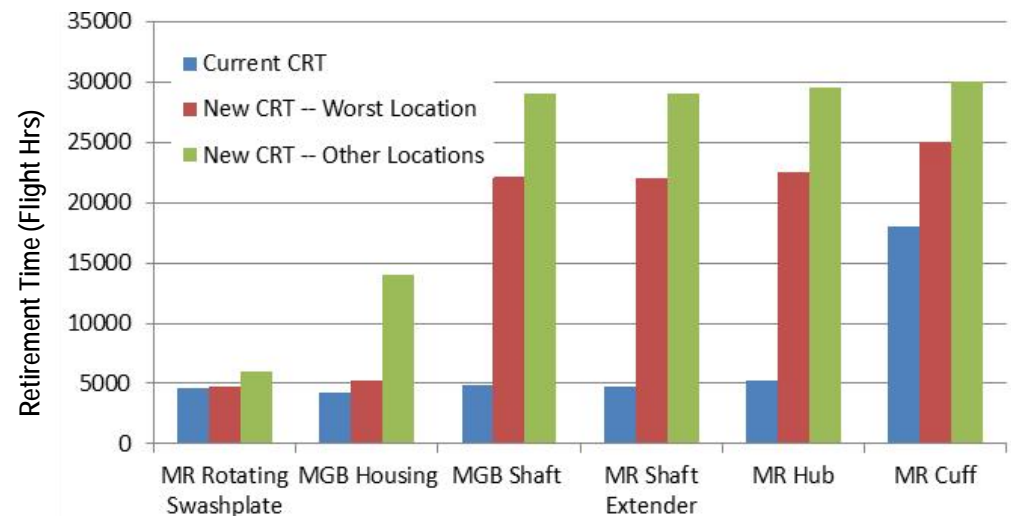


# Sikorsky and AED Collaboration



**Objective: Update UH-60 usage spectrum and retirement times for six components based on fleet IVHMS usage data**

- Collaborative effort with AED, 6 parts investigated (MR hub / cuff/shaft extender/swashplate and MGB housing/shaft)
- Leverages SAC's regime recognition post processing and partial spectrum methodology
- Final CRT updates will be ready for AED approval by end of September
- Interim swashplate CRT update is being used to handle part shortages



**Preliminary Component CRT Improvements**

***OEM Expertise Provides Results that Gain AED Approval***

# Part Remediation



**Objective: Reduce scrap rate by opening up repair criteria.**

- Collaborative effort with AED, initial focus, main rotor shaft extender (MRSE).
- Utilize field maintenance, usage, and fatigue test data, along with analysis, to define new repair limits at different locations.



MRSE Scrap History (2410 Data)	Common MRSE Damage Locations	ANSYS Model	Test Repaired MRSE																																				
<table border="1"><caption>MRSE hours when scrapped</caption><thead><tr><th>MRSE hours when scrapped</th><th>Quantity Scrapped</th></tr></thead><tbody><tr><td>0</td><td>20</td></tr><tr><td>600</td><td>170</td></tr><tr><td>1200</td><td>90</td></tr><tr><td>1800</td><td>45</td></tr><tr><td>2400</td><td>45</td></tr><tr><td>3000</td><td>35</td></tr><tr><td>3600</td><td>30</td></tr><tr><td>4200</td><td>55</td></tr><tr><td>4800</td><td>50</td></tr><tr><td>5400</td><td>35</td></tr><tr><td>6000</td><td>15</td></tr><tr><td>6600</td><td>10</td></tr><tr><td>7200</td><td>10</td></tr><tr><td>7800</td><td>10</td></tr><tr><td>8400</td><td>10</td></tr><tr><td>9000</td><td>10</td></tr><tr><td>9600</td><td>10</td></tr></tbody></table>	MRSE hours when scrapped	Quantity Scrapped	0	20	600	170	1200	90	1800	45	2400	45	3000	35	3600	30	4200	55	4800	50	5400	35	6000	15	6600	10	7200	10	7800	10	8400	10	9000	10	9600	10			
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**OEM Reachback Provides CBM+ Benefits for the Warfighter**

