

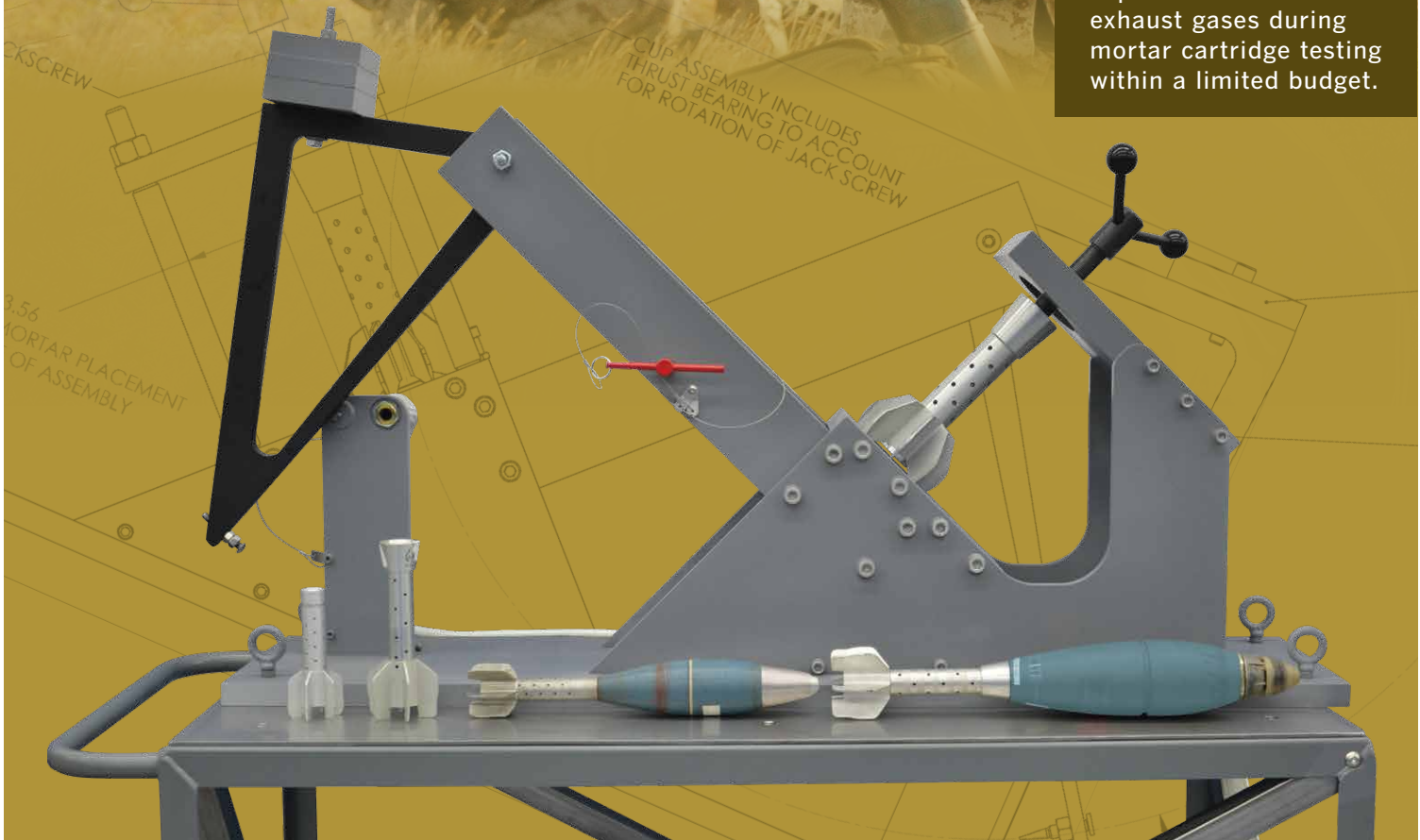


STATIC PRESSURE TEST FIXTURE



PROBLEM:

The U.S. Army sought a modular turn-key experimental fixture to enable high speed video capture of tailboom exhaust gases during mortar cartridge testing within a limited budget.





INDUSTRIAL



MEDICAL



LABORATORY

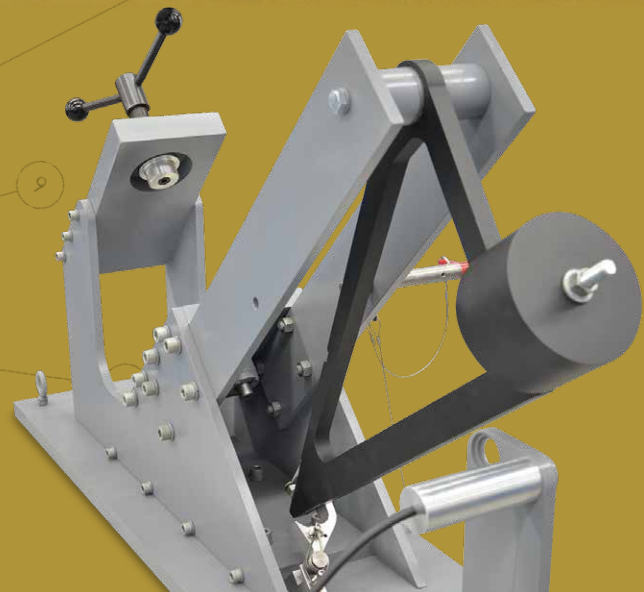


DEFENSE



SOLUTION:

JAKTOOL worked closely with U.S. Army engineers to iterate design concepts incorporating the Army's safety, reliability, and ease of use requirements. A subsequent requirement to prevent a double strike of the firing pin was fully met with a novel JAKTOOL passive pendulum catch design. Modularity was built into the device enabling the fitment of 60, 81, & 120MM mortar systems within a single fixture.



CONCLUSION:

Utilizing entirely in-house resources JAKTOOL developed the Army's concept and designed, manufactured, and delivered a robust cost effective turn-key fixture exceeding every requirement on time and within budget.