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Dynamic-Air Engineering Produces Fans to Meet Newest US Naval Gun Challenges

Santa Ana CA – Dynamic-Air Engineering, a division of DAE Systems, has successfully completed major subsystem trials of its new gun fans and has entered production for some of the Navy’s newest systems. Touting its 65 year history in manufacturing fans that meet rigorous standards of high reliability and performance, the Dynamic Air fans performed to expectation in the high shock, high pressure naval gun environment.

Building on development work carried out for earlier naval platforms, the contract has been awarded to develop a highly reliable EDM for the US Navy’s newest and most advanced gun systems. Serving multiple 155mm guns, the systems will fire at up to 100nm at a sustained rate of 12 rounds per minute. The system will carry up to 900 rounds of LRAP ammunition and be equipped with a fully automated weapon handling and storage system designed to perform with advanced munitions and propelling charges. The gun system will also include the GPS-guided Long Range Land Attack Projectile (LRLAP). “The increasing demands of the high shock, high pressure environment push the reliability factor of our fans to new levels. The Navy has found that Dynamic Air can deliver to expectation. Reliability and performance has been Dynamic Air’s strength since WWII and it continues today,” states Dynamic Air Program Manger Bob Klein.



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