

CASE STUDY

USS John F Kennedy

CLIENT SITUATION

Rhoads Marine Industries (RMI) was approached and contracted to help with the immediate extraction of one of the diesel generator engines from the 1,053 ft. retired aircraft carrier, the USS John F Kennedy. After an extensive career on the open seas starting in 1967, this unique aircraft carrier was decommissioned in August of 2007. She is the only ship of her class and last that is conventionally powered built by the U.S. Navy. The main generator engine was to be removed, refurbished, and recommissioned for installation into a newer ship in Norfolk VA. The engine was located 3 decks below the main hanger deck which has an immense amount of piping, insulation, cables, and even a berthing area. Upon completion the engine was to then be transported to VA.



RHOADS SOLUTION

The Rhoads Marine Industries team deployed a safe, and fast paced plan that the team could get work started immediately. With the location of the engine serving as a large inconvenience the plan was far from simple. The RMI team engineered a lift system that could stabilize and lift the engine once detached. While that was being put together the team cut through two of the decks to gain direct above access to the engine. The discovery of asbestos on board necessitated remediation, which was arranged by Rhoads. Once that was completed, the 30 ton engine was successfully lifted and placed on to an internally designed trolley system that allowed for the moving of the engine across the hanger deck floor to one of the elevators on the carrier. It was then carefully craned off of the vessel and onto our pier where it was then shipped for its service to be completed.

RESULT

The USS JFK was patched up as if there was no cutting performed on the ship and the engine was removed in a timely manner, and is expected for reinstallation in its new home soon. The project was completed on time and on budget.

**Contact us today to
learn how Rhoads
Industries can help
with your next project.**

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