



U.S. Navy and Marine Corps use Rockwell Collins Performance Based Logistics (PBL) to achieve 99.4 percent mission availability on AN/ARC-210 radios in over 2,000 aircraft.

Problem: As their fleets continue to get older and operational budgets get tighter, the U.S. Navy and Marine Corps face a number of challenges to ensuring that the advanced combat communications systems, on board more than 2,000 aircraft, maintain mission readiness, whenever and wherever they are needed.

They also face the ongoing challenge of ensuring that these same systems continue to evolve with the ever-changing needs of these critical combat and support aircraft.

In addition, in order for the Navy and Marine Corps to meet their ongoing system requirements, they need an advanced communications systems provider that:

- › Meets a mission-readiness requirement of 85 percent
- › Supports the joint fleet of 30 different fixed- and rotary-wing aircraft types
- › Supports both ground-based and shipboard systems
- › Keeps pace with 700,000 annual flight hours
- › Supplies the processes, systems and resources to manage and deliver equipment replacements and upgrades
- › Provides all deliverables under a fixed budget

Solution: The Rockwell Collins AN/ARC-210 family of multi-band, multi-mode integrated communications systems is supported by our PBL life cycle service solution.

Rockwell Collins' ARC-210 PBL gives the U.S. Navy and Marine Corps an unmatched level of flexibility to tailor a service solution that best meets their specific requirements – and does it all at a fixed price.

In this case, Rockwell Collins has developed a program that actively manages the Navy and Marine Corps combined assets, provides ongoing upgrades and improvements to the ARC-210 and supplies detailed data analysis to help keep over 2,000 aircraft mission-ready.

Elements of the ARC-210 PBL include:

- › Developing an equipment delivery system that supports multiple LRUs on over 2,000 aircraft worldwide
- › Improved access to maintenance information with detailed performance analysis by platform, location and tail number
- › Developing an incentive-based reliability enhancement program for the ARC-210
- › Full support from our network of 58 service locations, a 24/7 Network Operations Center and 400 field-service engineers

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Results:

The Rockwell Collins ARC-210 PBL has enhanced customer operations with:

- ▶ Increased reliability by more than 40 percent on key components and stabilized declining reliability across the system
- ▶ Improved battlefield interoperability and mission set availability to 99.4 percent
- ▶ Increased component availability to 99 percent or better, virtually eliminating the U.S. Navy and Marine Corps “aircraft on ground” issues related to the ARC-210.
- ▶ Improved ship times – Class 1 requisitions ship within one day; Class 2 requisitions ship within five days
- ▶ Elimination of shipping backlogs
- ▶ Greater affordability that enables the U.S. Navy and Marine Corps to better predict costs and improve budget planning. Both services have renewed their ARC-210 contracts based on the value added by the Rockwell Collins PBL solution.

Award:

In recognition of the ARC-210 PBL’s ongoing success, Rockwell Collins received the prestigious 2015 Department of Defense PBL of the Year award at the Sub-System level. The ARC-210 PBL team implemented a 10-year PBL solution for the Naval Supply Systems Command (NAVSUP) that “improved battlefield interoperability and mission availability.”

The ARC-210 PBL for the U.S. Navy and Marine Corps is just one of many Firm-Fixed Price (FFP) PBL solutions that Rockwell Collins provides for several branches of the U.S. Armed Services, as well as a growing number of allied countries.

FlexForceSM: Rockwell Collins markets PBL programs globally under the trade name FlexForce PBL. FlexForce is a family of tailorable service solutions that provide repair, maintenance and sustainment of Rockwell Collins products.

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Rockwell Collins delivers innovative aviation and high-integrity solutions to commercial and government customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

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