

COLLABORATE AND ACHIEVE MAXIMUM PARTS AVAILABILITY

Building relationships to leverage
advanced technology and capabilities



Collins Aerospace
An RTX Business

Public-private partnerships

BRIDGING THE GAP BETWEEN CAPABILITIES AND RESOURCES

Today's fleets are expected to fly more efficiently and last longer.

A strong sustainment strategy is crucial to maintaining mission-ready aircraft and ensuring your fleet meets future needs.

Collins Aerospace's public-private partnerships address sustainment by facilitating relationships between the government and private industry to better leverage the capabilities, infrastructure and resources of both sectors – resulting in maximum mission readiness.

SHARED INVESTMENT AND EQUAL MOTIVATION

Combining resources through public-private partnerships increases access to the most current technology and capabilities available. Our collaborative solutions harness the best of scarce, often competing resources, to improve maintenance and support operations and keep your aircraft in the air.

FEATURES AND BENEFITS

- Proactive sustainment
- Predictive scheduling and forecasting
- Dedicated leadership team
- Cross collaboration with OEM experts
- Increased access to technology and capabilities
- Maximized maintenance, repair and overhaul (MRO) capability
- Reduced life cycle costs and steady return on investment (ROI)

High-value collaboration

Through continuous collaboration and engagement, Collins' public-private partnerships provide value with three main operational focus areas: service engineering, obsolescence management and parts management. Our goal is to support you and ensure your fleet is well-equipped and available for every mission.

SERVICE ENGINEERING

- Component reliability
- Expert field support
- Proactive on-site training
- Shared technology and capabilities
- Predictable costs and reduced overhead

OBSOLESCENCE MANAGEMENT

- Expert sustainment engineering
- Form-fit-function (FFF) solutions
- LRU upgrades prevent redesign, which can reduce costs
- Reduced life cycle costs with program sustainment overview

PARTS MANAGEMENT

- Maximum parts availability
- Equipment repair and supply chain management
- Single point of contact for Collins Aerospace and third-party equipment
- On-time delivery with original equipment manufacturer (OEM)-certified parts
- Predictable, low-cost payment plan



EVIDENCE-BASED OUTCOMES

Improving operational efficiency through partnerships

UH-1 TYAD

In 2020, Tobyhanna Army Depot (TYAD) and Collins Aerospace established organic repair capability on the H-1 MFDs. With a common goal to deliver force readiness, the TYAD/Collins public-private partnership was able to:

- Create a base for future work among Collins Aerospace, the government and TYAD
- Leverage the capabilities, expertise and innovative ideas of all parties

F/A 18 HUD

In 2003, the United States Navy was challenged to increase operational efficiency in F/A-18 head-up displays. A Performance Based Logistics (PBL) contract was awarded to Collins Aerospace, incorporating a public-private partnership maintenance philosophy.

Our solution was to monitor four key metrics: requisition fill data, no fault found rates, repeat returns and reliability reporting. We collaborated with the production line to reduce material costs and staff a full-time obsolescence team dedicated to this partnership. Performance expectations were exceeded by:

- Increased material supply availability from 43% to 100%
- Eliminated backorders (from 583 to 0)
- Reduced fleet valid display repeat returns to 1%

PERFORMANCE-BASED LOGISTICS

Collins Aerospace has had a successful 18-year public-private partnership with the U.S. Navy Fleet Readiness Centers (Southeast and Southwest) using performance-based logistics (PBL) for the F/A-18 Collins displays. With the current 5-year renewal, additional support was included for the tactical air navigation system, control display unit, angle of attack sensor and signal data computer replacement in support of numerous platforms.

As Naval Aviation increased focus on aircraft readiness, and the impact of Covid-19 affected access to materials throughout the supply chain, Collins was there to provide the expertise and parts availability needed to improve mission readiness. With common goals and shared risks, Collins Aerospace was able to help support the mission and "Keep 'em flying."

"Public-private partnerships [...] are tightly focused on addressing readiness, sustainment, reliability and part availability requirements, in addition to resolving obsolescence issues and cutting lifecycle costs over the next decade."

- Phil Jasper, President, Mission Systems



To learn more:

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