

2019 DMSMS Team Achievement Award

Strategic Alternate Sourcing Program Office (SASPO) Diminishing Manufacturing Sources and Material Shortages (DMSMS) - US Air Force

Team's substantial increase in responsibilities identified by AFMCI20-105

- Subject expert program office for the entire Air Force to provide assistance and services
- Provide and manage DMSMS predictive tool capability for use by all Air Force programs
- Provide analysis and resolution capabilities to all Air Force programs
- Provide case resolution archive to store and maintain all previous and future case work
- Provide training and assistance to programs for effective DMSMS management
- Provide training and assistance for development of a DMSMS management plan
- Provide personnel and assistance to generate DMSMS management teams
- Develop a DMSMS collaboration SharePoint to house value added materials and maintain a listing of all Air Force Program's DMSMS points of contact as directed in the AFMCI20-105
- Provide centralized contact for DLA to communicate discontinuance notifications to the Air Force where end of life procurement actions require identified and validated quantities from the services
- Identify opportunities across weapon systems to share resources and prevent duplication of effort
- Collect and review DMSMS metrics and report trends that are compiled within the DMSMS predictive tool

SASPO immediately embraced the responsibility of subject expert program office for the Air Force

- Secured funding and awarded an Advisory and Assistance Services contract to meet the deficiency in personnel for additional workload
- Established new program management position to manage the new policy and training responsibilities
- Aligned existing personnel and developed processes to manage increased workload

Awarded and maintain robust DMSMS Predictive Tool for all Air Force programs to load data and perform analysis

- Pinpoints and predicts obsolescence in weapon system data loaded
- Assesses impact of obsolescence across all platforms

- Determination of obsolescence density within SRU/LRUs within a weapon system
- Perform global part number search and view DLA inventories and usage rates
- Perform entire system studies and submit and track problem parts reports
- Developed STAR module within the tool to house and track all the case work performed by analysis and resolution contract
- Recently developed detailed feedback section in to STAR module to generate detailed performance metrics regarding resolution usage and incorporation
- Air Force predictive tool loaded 1.2M additional line items of data, bringing the total data to approximately 30M line items resulting in \$105M in cost avoidance

Awarded and maintain a diverse Analysis and Resolution contract providing proactive, reactive, and system study case work

- Contract has 37 personnel, engineering and technical services, spread across Hill, Robins, Wright Patterson, and Tinker Air Force bases providing detailed analysis and resolution case work for all Air Force weapon systems
- Perform proactive case work on component parts of systems identified within the Air Force predictive tool which is prioritized by obsolescence density and is currently maintained to a less than two year update sequence
- Perform reactive case work on component parts identified by the requesting Air Force program. This case work is prioritized over the proactive work and requires completion responses of 10 work days for urgent and 20 work days for routine reactive cases
- Perform system studies which looks into the health of an entire system within a program requiring a 30 work day suspense for health analysis back to the requester
- Analysis and resolution data generated for the TF33 was utilized to justify and ultimately approve the re-engine effort for the B-52 weapon system
- Analysis and resolution contract reviewed over 21K parts during the last period of performance resulting in just under \$130M in cost avoidance as calculated per SD-22 guidelines

Providing detailed policy and training guidance on the AFMCI20-105 and SD22 to all Air Force programs

- Awarded and maintain advisory and assistance services contract of six individual located at Hill, Robins and Tinker Air Force Bases to provide training and assistance to all Air Force programs during their development of DMSMS programs
- Developed detailed training documents on the AFMCI20-105 and SD-22 providing Air Force programs with the essential information needed to develop a robust DMSMS program
- Meticulously contacted each identified Air Force program and offered up training and assistance services and maintain contact with these programs meeting all of their support needs
- Developed and communicated critical information regarding the SASPO, AFMCI20-105, SD-22 and other related DMSMS topics by scheduling roadshows throughout the Air Force and traveling to multiple bases. Currently performed direct contact with 56 programs across the

Air Force and have communicated our services and support to over 145 Air Force identified DMSMS POCs.

Developed and maintain DMSMS collaboration SharePoint providing and sharing critical information across programs

- Created and maintain a listing of DMSMS points of contact for all Air Force programs providing a one stop listing for those needing to reach out across programs
- Created and maintain training slides and DMSMS management plan templates available for programs to utilize when developing DMSMS program
- Store and display Air Force programs DMSMS management plans for developing programs to utilize for reference and assistance

Developed and incorporated critical data elements focused on driving efficiencies to the Air Force programs

- Worked with predictive tool provider to ensure users had visibility to data elements which communicated all Air Force weapon systems affected by a component part
- Worked with predictive tool provider to modify existing tool capabilities allowing users to input resolution data into the Air Force predictive tool facilitating opportunities to share resources and knowledge across programs
- Performed commonality study across Air Force component parts to determine 35% of the component parts used are common across two or more programs
- Worked with predictive tool provider to identify 14,000 commercial/USAF used components that are candidates for the SASPO Commercially Used Overhaul program. High potential for significant saving