



U.S. ARMY



Army Working Capital Fund (AWCF) Investments Program and Integrated Processes

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Program Management Overview

- ✓ The AWCF Investment Program receives 2.5% of actual AMCOM sales to invest in obsolescence, cost reductions, and reliability improvement projects using the authority under Title 10 U.S. Code § 2208 and NDAA 2013: SEC. 332 and NDAA 2016 SEC. 323 to evaluate and approve project proposals. U.S. Army Aviation and Missile Command (AMCOM) G3M is responsible for managing the AMCOM program with AMC approval.

AMCOM AWCF Investment Program

- ✓ AMC provides 2.5% of actual AMCOM sales.
- ✓ Funds are provided to Industry or Government to design, develop and qualify the component

~\$80M/yr

AMCOM GOSC/AMC Approves AWCF Investment Project for a Component Re-Design

Investment results in Technical Data Package

Design

Develop

Test and Qualify

Acquisition Life-Cycle Process

PEOs /PMs

PA/OMA – New Models, Major Modifications, Tech Refresh
Production Cut-In

Production Cut-In

AMCOM Logistics Center

AWCF Hardware - Spares Acquisitions

Spares Buy

AWCF Investment Program = Readiness to the Warfighter



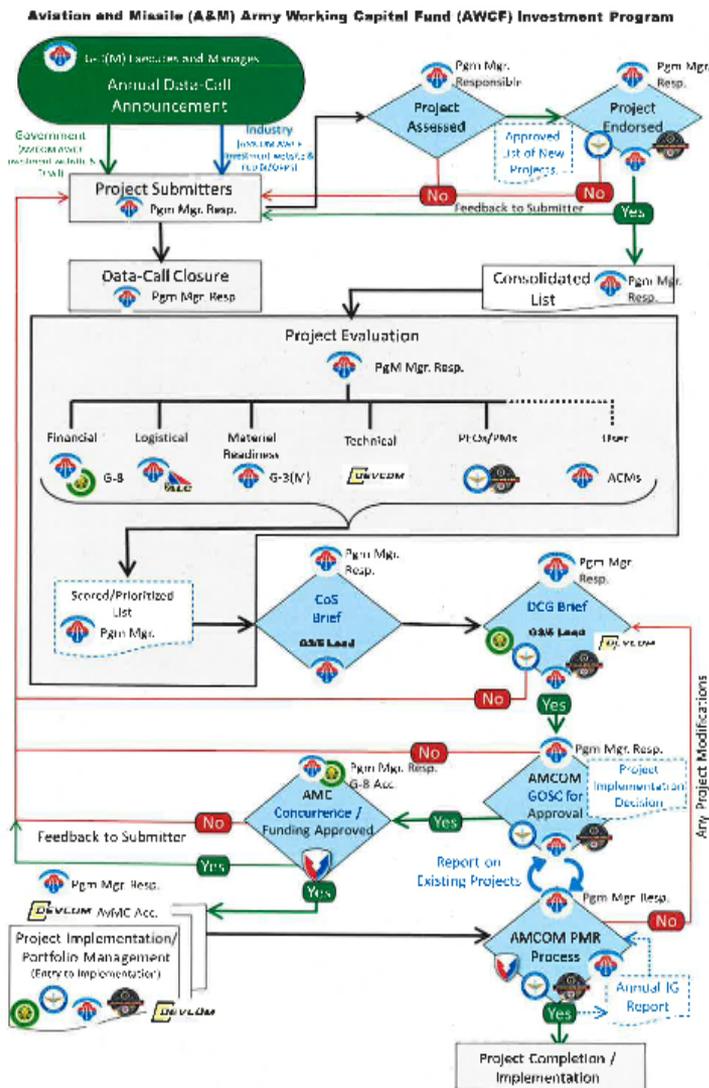


Integrated Processes of the AWCF Investment Program

UNCLASSIFIED

Purpose:

Solicit and fund project candidates that will provide implementable solutions to mitigate known obsolescence issues, reduce sustainment costs, improve component reliability & usable life, and/or improve readiness. This process strives to vet and prioritize projects based on the, financial applicability, technical merit, and stakeholder priority.



*AWCF Data Call Process:

- Entry: Candidate Project Packages – Consolidated List
- PEO Review / Concurrence
- PEO/AMCOM G3M Consolidated List
- Exit: Final List / Projects Approved for Funding

Industry: Can Submit Project Candidates to AMCOM G3M for Consideration for Any Secondary Item

* One of six integrated processes:

- Project Submission (incl. Data Call), Screening & Review
- Project Evaluation & Scoring
- Project Briefings & Approvals
- Funding Approval
- Obligations, Execution Monitoring & Closeouts
- Post-Implementation Assessments





AWCF Project Proposals

UNCLASSIFIED

FY21 AWCF Project Template Details

FY21 AWCF PROJECT TEMPLATE

1. CANDIDATE PROJECT NAME:

Enter information here

a. AMCOM System(s) Affected:

Enter information here

2. RESPONDER'S INFORMATION:

Name of Company / Government Organization submitting project: Enter information here

Primary Company / Government Organization providing service: Enter information here

As applicable, provide following for Company providing service

FCOM: Enter information here CAGE: Enter information here DUNS: Enter information here

JCP: Enter information here NAIC 8: Enter information here

3. NOMENCLATURE AND NIIN(S) AFFECTED: (Add additional columns for additional parts as needed)

Nomenclature	NIIN(s)
NIIN	
P/N/O	
NIIN Mini-Description	
Associated Platform	
Unit of Issue	
APL Rate*	
Critical Safety Item (Y/N)	
Acquisition Method Reason Code	
Level of Repair/Replacement	
Exchange Price	
Max 12 Month Demand	
Part Manager (Name, Email, & Phone) (if applicable)	

*Note: Reference AMCOM Priority List (A1/L) available on AMCOM's Competition Management Office (CMO) website: <https://comcom.mil/awcf/awcf-projects/awcf-projects>

4. PART/COMPONENT MANAGER:

Who currently manage the part/component? Click appropriate box below.

AMCOM CECOM
TACOM DLA

Is this project associated with a secondary item managed by AMCOM? Click appropriate box below.

Yes No

5. PRIMARY SERVICE PROVIDER EXPERIENCE/CAPABILITY: Click appropriate box below.

Are you the Current or Previous approved source? Yes No

- Candidate Project Name
- Responder's Information
- Nomenclature & NSN(s) Affected
- Part/Component Manager
- Primary Service Provider Experience/Capability
- System Information
- Project Cost Summary
- Contracting
- Category
- Problem Statement
 - Root Cause?
- Proposed Solution/Technical Description
 - Technology Readiness Level?

- Technical Criteria
 - Critical Obsolescence
 - Reliability
 - ROI
 - Additional Benefits
- Technical Approach
 - Plans
 - Safety
- Implementation/Fielding Plans
- IPS Elements
- LOB Information
- Funding and Contracting Detail
- Schedule
- PM Endorsement
- Data Rights
- Project POCs

- Design/Dev.
- Prototype
- Test & Qual.
- Manufacturing
- Project Mgmt.
- Contracting

- Contract Awarded
- PDR Completed
- CDR Completed
- Engineering Completed
- Test Completed
- ECP Approved
- Tech. Doc. Completed
- Spares Available
- Production Cut-In Started

Each Project Must be Coordinated with Applicable Program Management Office





AWCF Project Approval Process

Data-Calls are announced once a year (in February)

April thru September
(Annual)

Data Call and Submission

Evaluation Process

Chief of Staff Determination

Council of Colonels

GOSC Approval

DATA CALL IS ANNOUNCED TO:

- Government via EMAIL
- Industry via AWCF Investment Projects portal

Gov't & Industry Project Submissions



Technical Ranking Criteria:
- Based on Obsolescence = Readiness/Reliability, Return on Investment (ROI) and Risk = Safety Improvement

Logistics Evaluation Criteria:
- Using IPS Elements

Financial Evaluation Criteria:
- Using Title 10 U.S. Code 2208; NDAA 2013, Sec 332

Readiness Evaluation Criteria:
- Reliability, Material Availability, O&S Cost, Risk, Value

User Evaluation Criteria:
- DOTMLPF-P

PM/PEO Evaluation Criteria:
- PMO Endorsement

AWCF Pass/Fail

- AMCOM Secondary Item
- Obligated by 30 Sep

Scored List



- Final senior leaders review of project submittals
- Scored list screened by APEO Log, M&S; APEO Log/G4, Aviation; AMCOM G3/G5; Dep Dir, ALC
- Approval given to proceed to CoC

Screened List



- AMCOM DCG review of screened project submittals list
- Council of Colonels present projects for DCG acceptance
- DCG approves final project list for GOSC.
- Accepted list becomes framework for GOSC briefing

Accepted List



Approved List





AWCF Project Guidelines

- The AWCF Program will fund secondary item redesign/re-engineering that involves:
 - AMCOM managed secondary item.
 - Redesign of an individual item or an assembly of items related to a fully fielded component.
 - Prototypes
 - Test
 - NRE costs
 - Drop in replacements (same form, fit, function).
 - Maintenance practices

- The AWCF Program will not fund:
 - Upgrade to a CL VII System that is not directly impacting a B17 or B64 CL IX component.
 - Production or Implementation of Kits
 - Projects related to “Software Only”
 - Studies that determine “What To Do”
 - Science Projects or Research and Development projects related to scope – project must be current technology (TRL 6 or +).
 - If part or project is unique to Special Operations (SO)



AWCF Investments Website



Industry partners will use the AWCF Investment Projects portal to submit Request for PMO Coordination inquiries and/or Candidate Project Submittals via:



<https://www.amcom.army.mil/Organization/Army-Working-Capital-Fund-Investment-Projects/>



Home : Organization : Army Working Capital Fund Investment Projects

AMCOM ARMY WORKING CAPITAL FUND INVESTMENT PROJECTS

The United States Army Aviation and Missile Command (AMCOM) mission is to provide optimized and responsive Aviation, Missile, and Test, Measurement and Diagnostic Equipment (TMDE) sustainment support to the Joint Warfighter to enable sustainable readiness at the point of need.

AMCOM and its partner organizations, the Program Executive Office - Aviation (PEOAVN), and the Program Executive Office - Missiles & Space (PEO M&S), are seeking solutions for cost, maintenance, and reliability drivers adversely impacting the readiness of Aviation and Missile weapon systems or effecting the Soldiers, organizations and processes that sustain them. Innovative ideas, concepts, procedures, and technologies may address obsolescence, operations and support cost reduction, reliability improvement, maintenance burden reduction or maintenance improvement.

What is the purpose of the AWCF Investment Projects Portal?

The purpose of the AWCF Investment Projects Portal is to provide a conduit for communications between industry and Team Redstone partner organizations. Through this communications, Team Redstone can provide industry information about the highest priority sustainment issues facing our systems, Soldiers, and organizations. In turn, Team Redstone hopes to gain industry insight into potential solutions to those sustainment issues. The AWCF Investment Projects Portal provides a means for our subject matter experts to assess industry identified solutions, evaluate their applicability, and provide feedback to the submitter. It provides industry an opportunity to showcase their product or idea without needing to travel to Redstone Arsenal, and without giving anyone an unfair competitive advantage.

Request for PMO Coordination

Complete this form and submit it to:
usarmy.redstone.amcom.list.g6-awcfadmins@mail.mil

Additional Information ▶

AMCOM Priority List (Published semi-annually (April 1 and October 1))

- Aviation - Current December 2021
- Missile - Current December 2021

Investments Process and Opportunities Briefing Templates

- Project Template (For industry to submit their candidate project)
- Quad Chart Template (For all starts and all on-going projects)



AMCOM Priority List (APL)



Purpose: The AMCOM Priority List (APL, formerly IPL) provides a comprehensive list of metrics for all active AMCOM-managed components to facilitate analysis of historical component performance in the areas of maintenance, supply, demand, operational performance and other related areas.

- Serves as a Focusing Mechanism for spending limited resources (Funding, Personnel)
- Priority: Prioritize all AMCOM-Managed Items by Annual Cost Burden (Price x Demands)
- Integrated: Single focal point for info on a given NIIN across a wide variety of Sustainment Metrics
 - LMP/Demand, PDREP, RIDB, FEDLOG & other sources as identified
- APL has evolved; each semi-annual iteration has new features: Additional Ranking by Supply Availability, Maintainability; Demand vs. Rank Tab; Component Trending Tab; and more

Aviation Rank	Material Number	FEDLOG Nomenclature	Other Metrics
1	015031701	ENGINE,AIRCRAFT,TUR	110+ Other Metrics Integrated from Disparate Sources
2	011061903	BLADE,MAIN ROTOR	
3	014585361	ENGINE,AIRCRAFT,TUR	
4	012844013	COLD SECTION MODULE	
5	015461148	BLADE,ROTARY WING	
...	...		
12,268 Total AVN Items			

Missile Rank	Material Number	FEDLOG Nomenclature	Other Metrics
1	014907030	ELECTRON TUBE	60+ Other Metrics Integrated from across LMP, PDREP, and FEDLOG
2	010898621	ANTENNA ELEMENT	
3	015050104	EXCITER,RADIO FREQU	
4	016779172	CIRCUIT CARD ASSEMB	
5	014113039	POWER SUPPLY	
...	...		
9,711 Total MSL Items			



Public Law Regarding AWCF Investments



Authority: 10 U.S. Code § 2208 - Working-capital funds

- (c) Working-capital funds shall be charged, when appropriate, with the cost of
- (1) supplies that are procured or otherwise acquired, manufactured, repaired, issued, or used, including the cost of the procurement and qualification of technology-enhanced maintenance capabilities that improve either reliability, maintainability, sustainability, or supportability and have, at a minimum, been demonstrated to be functional in an actual system application or operational environment; and
 - (2) services or work performed;

Importance: Ability to Influence Sustainment Costs and Readiness

- AMCOM has Leveraged AWCF for:
 - Obsolescence Mitigation
 - Operating & Support Cost Reduction
 - Reliability Improvement Program
 - Cost Reduction
 - Maintenance Practices

Annual Process to Determine Where to Invest





Key Take A ways

- In Partnership with PEO AVN and PEO MS, AMCOM Invests Approximately \$80M/Year of AWCF in New Technology, Products and Special Processes which Lowers Ownership Costs and Fight Obsolescence, While Maintaining or Improving Readiness.

- Opportunity for Industry (any size) to “Get Into The Game”
 - Semi-Annual Data Call for Projects
 - Data-Call Announcement via AWCF Investment Projects portal
 - AWCF Website lays out the process –
<https://www.amcom.army.mil/Organization/Army-Working-Capital-Fund-Investment-Projects/>

