

DEFENSE LOGISTICS AGENCY

Established 1961



Aerospace Energy Customer Operations and Requirements Generation



THE NATION'S LOGISTICS COMBAT SUPPORT AGENCY



Atlas V





- Mission and Vision
- Customer Operations Organizational Chart
- Aerospace Products
- Cryogenics – West & East
- Space Launch Support & Business Operations
- Requirements
- Aerospace Customer Service
- Aerospace Energy Directory



MISSION

Drive and sustain Warfighter readiness by delivering unmatched global support as the Nation's Logistics Combat Support Agency.

VISION

DLA delivers agile, adaptive, and resilient logistics support across the continuum of conflict.



- Assumed U.S. Air Force Aerospace Fuels on Oct. 1, 2001
- DoD and federal civilian agencies
- Commercial companies with U.S. government contracts under Federal Acquisition Regulation Part 51
- Public interest in accordance with 10 U.S.C § 2208(h)
- DoD Integrated Materiel Manager, codified in DoD 4140.25M
- Integrated manager product types for Federal Stock Classes (FSC) 6830,9130 and 9135
- All liquid rocket propellants and missile fuels

Aerospace Energy Customer Operations



**Director
Aerospace Energy
Customer Operations**

**Cryogenics
West**

**Cryogenics
East**

**Space Launch Support
&
Business Operations**



HELIUM



- Combatant Commands
- Homeland Security

CRYOGENICS



- Bulk of support and transactions
- DoD largest customers

PROPELLANTS



- Mission Assurance
- Commodity availability
- Specialized containers

BUSINESS OPERATIONS



- New and follow-on Requirements
- Sales Agreements
- Account Receivables
- ServiceNow



Cryogenics West & East



- **Argon**
 - Missile systems
- **Helium**
 - Space launch ground support
 - Lighter than air weapon systems
- **Hydrogen, Xenon, Krypton, Neon**
 - Lasers
 - Spacecraft thrusters





- **Liquid Argon**
 - Coolant, purge gas, inert cover gas for radioactive material and welding gas
- **Liquid Carbon Dioxide**
 - Recharging fire extinguishers, life raft inflation cartridges, product dry ice pellets for paint removal (blasting) and in autoclaves for bonding part
- **Nitrogen**
 - Space launch ground support
 - Submarines

Aviator's Breathing Oxygen (ABO)



Description: An extremely cold (-297 °F) odorless liquid with bluish tint

Product Use: ABO is used as life support for pilots and air crew on various aircraft





Description: An extremely cold (-297 °F) odorless liquid with bluish tint

Product Use: Oxidizer for missile propellants, testing of rocket engines. AWS specification is used for welding, cutting & oxidation process

Programs Supported: Research and development programs

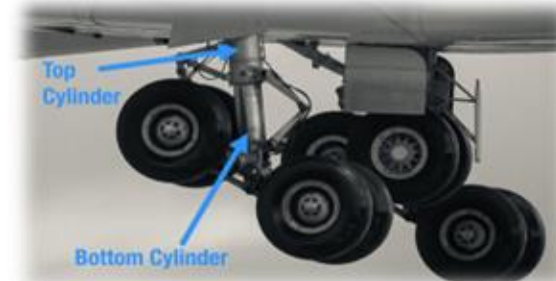




Liquid Nitrogen (LN₂)

Product Use: LN₂ is used in support of aircraft tires, struts, fuel tanks, coolant for freezing piping to create freeze seal, converted to gaseous nitrogen and issued to submarine nitrogen banks, laboratory work, maintenance and repair, cooling, purging, blanketing, fire suppression, pressurization and valve operation, and cold test temperature on hardware

Programs Supported: Aircraft maintenance squadrons nuclear powered naval vessels, high purity germanium detectors, and other test laboratories





Space Launch Support & Business Operations



Space Launch & Rocket Propellants

- Four products (Fuel & Oxidizer)
 - Monomethyl Hydrazine (MMH)
 - High Purity Hydrazine (HPH)
 - H-70 (70% Hydrazine + 30% water)
 - Dinitrogen Tetroxide (N₂O₄ / MON) Oxidizer 5 Grades
- Rocket Propellant (RP-1 and RP-2SB) & Jet Propellant (JP-10)





Kerosene Rocket Fuel

- Kerosene (RP-1), High grade missile propellant used with liquid oxygen as a fuel for rocket engines.





- JP-10 Propellant, High Density Synthetic Hydrocarbon (MIL-DTL -87107)
 - Air breathing micro-turbofan engine fuel
 - Cruise missiles





Aerospace Energy Customer Account Specialists coordinate logistic support

- End-to-end logistics coordination for Aerospace Energy customers
- Ensuring timely, compliant, and reliable product delivery
- Aerospace Energy products are classified as hazardous materials
- Safety is our #1 priority
 - Approved U.S. Department of Transportation cylinders and trailers
 - Rigorous product handling procedures and compliance protocols
 - Specialized training for safe transport and storage





- New & Follow-On Requirements
- Commercial FAR Part 51 & 10 U.S.C. Sales Agreements
- FedCiv IAA/7600A Tracking
- G-Invoicing
- Liaison with DLA Energy Finance & Defense Finance and Accounting Service
 - Accounts Receivables



- This briefing outlines the essential steps and key points of contact for establishing a customer account with DLA Energy Aerospace.
- The primary audience is prospective military units, federal agencies, and authorized commercial space launch customers requiring aerospace energy products and support.





Pursuant to the authority delegated in this manual and the Federal Stock Class procedures in DoD 4100.39-M, DLA Energy is the DoD integrated materiel manager for all Federal Stock Class 9135, certain Federal Stock Class 6830, and Federal Stock Class 9130 items (e.g., liquid propellants, oxidizers and compressed, and liquefied gases) referred to in this volume as “aerospace energy products.”

- A DoD Component that requires aerospace energy products in the performance of Government contracts obtains those products from DLA Energy Aerospace Energy.
- A Participating Agency customer may request support from DLA Energy Aerospace Energy.
- A Commercial customers or an academic institutions that requires aerospace energy products and services may request support from DLA Energy Aerospace Energy.



- Use ServiceNow to create help ticket dla.servicenowservices@dla.mil and assign to DLA Energy Aerospace.
 - FEDCiv and commercial customers will contact dlaenergyqemd@dla.mil to request support.
- A Customer Account Specialist (CAS) will guide you through the specific documentation for your product requirements.
- DLA Form 2053 – DLA Energy Requirements Worksheet to submit requirements data and review, change, and validate delivery information.
- Significant lead time required to award future contracts.
- Customer Pricing will be provided to authorized DLA customers

DLA Energy Requirements Worksheet



DLA Energy Requirements Worksheet		Prescribed by: DoD 4140.25-7-M Sponsor: DLA Energy
Requirement Information		
1. Requirement Type: <input type="text" value="New"/>	2a. Date of Request: <input type="text" value=""/>	2b. Effective From: <input type="text" value=""/>
3a. Combatant Command (DoD Customers): <input type="text" value=""/>		2c. Effective To: <input type="text" value=""/>
3b. Component: <input type="text" value=""/>		4a. Agency/Company (FEDCIV Customers): <input type="text" value=""/>
3c. Component: <input type="text" value=""/>		4b. Bureau: <input type="text" value=""/>
5a. Exercise/Operation Name (DoD Customers Only): <input type="text" value=""/>		
5b. Exercise Region: <input type="text" value=""/>	5c. Exercise Start Date: <input type="text" value=""/>	5d. Exercise End Date: <input type="text" value=""/>
<input type="checkbox"/> 5e. Annual <input type="checkbox"/> 5f. Biennial		
Location Information (TSW Location)		
6a. TSW Location ID: <input type="text" value=""/>	6b. GPS (for Tactical Locations): <input type="text" value=""/>	
6c. Location Name: <input type="text" value=""/>		
6d. Delivery Street Address: <input type="text" value=""/>		
6e. City: <input type="text" value=""/>	6f. State: <input type="text" value=""/>	6g. Postal Code: <input type="text" value=""/>
6h. County/District: <input type="text" value=""/>	6i. Country: <input type="text" value="United States of America"/>	
6j. Local Time Zone: <input type="text" value=""/>	7. Delivery Day(s): <input type="text" value=""/>	
8a. Weekdays Delivery Hours: <input type="text" value=""/>		8b. Weekend Delivery Hours: <input type="text" value=""/>
9a. Ordering DODAAC/FEDAAC: <input type="text" value=""/>		9b. Delivery DODAAC/FEDAAC: <input type="text" value=""/>
9c. Acceptance DODAAC/FEDAAC: <input type="text" value=""/>		9d. Acceptance DODAAC Extension: <input type="text" value=""/>
9e. Inspection DODAAC/FEDAAC: <input type="text" value=""/>		9f. Inspection DODAAC Extension: <input type="text" value=""/>
EBS SRM Data Type Elements Warning: Validate DODAACs are active in Transaction Service *Billing Data will be systematically read from the Delivery DODAAC's TAC3 line		
<input type="checkbox"/> Closed US Federal Holidays		<input type="checkbox"/> Closed on Local Holidays
10a. Delivery POC Name: <input type="text" value=""/>		
10b. E-mail: <input type="text" value=""/>		
10c. Telephone: <input type="text" value=""/>		
Point of Contacts (EEBP/iRAPT)		
Customer Direct (DDF)		DFSP/E-Plant: (Into-Stock/Bulk/Capitalized)
11a. Ordering (EEBP) Name: <input type="text" value=""/>		13a. Responsible Officer (FMD): <input type="text" value=""/>
11b. E-mail: <input type="text" value=""/>		13b. E-mail: <input type="text" value=""/>
11c. Telephone: <input type="text" value=""/>		13c. Telephone: <input type="text" value=""/>
12a. Acceptance (iRAPT) Name: <input type="text" value=""/>		
12b. E-mail: <input type="text" value=""/>		
12c. Telephone: <input type="text" value=""/>		
Note: Use block 23 to provide alternate personnel		

DLA Energy Requirements Worksheet



DLA Energy Requirements Worksheet			
Date of Request:	TSW Location ID:	Exercise/Operation Name:	
Product #1			
14a. Product Contract Number:	14b. Product CLIN:	<input type="checkbox"/> 14c. Request Cancellation of CLIN	
15. Product Code and/or NSN:			
16. Alternative Product (DoD):			
16a. Alternative Product # 2 (DoD):			
17a. Annual (or exercise) Requirement:	UoM:	17b. Monthly Requirement:	
17c. Initial Del. Date:	17d. Initial Del. Quantity:	17e. Delivery Frequency:	17f. Number of Del:
18. Non-Bulk Tank Details <i>(Note: Submit Bulk Tank Details via LAWT)</i>			
18a. Special Access Required <input type="checkbox"/> 18b. Multi-Drop <input type="checkbox"/> 18c. Auto-Fill <input type="checkbox"/> <i>Note: Use block 23 to list specific access requirements, auto-fill levels, etc.</i>			
Capacity:	Tank Type:	# Tanks:	Tank Location: PSIG:
Capacity:	Tank Type:	# Tanks:	Tank Location: PSIG:
Capacity:	Tank Type:	# Tanks:	Tank Location: PSIG:
Capacity:	Tank Type:	# Tanks:	Tank Location: PSIG:
19. Mode of Delivery (MoD) <i>(Select Primary mode Only)</i>		<input checked="" type="checkbox"/> Aerospace Services Requested <i>(Use block 23 to describe)</i>	
MoD:	<input type="checkbox"/> Metered delivery tickets required <input type="checkbox"/> Multiple delivery tickets required		
20. Equipment (GFE) and Services Requested <i>(Use block 23 to list any additional requirements)</i>			
Pump (type):	Adapter (type):	Size:	Storage Containers:
Meter (type):	Hose (length):		
21. Additional Billing Notes <i>(USA/USAF only):</i>	22. Recommended Source <i>(Company, Phone, E-mail):</i>		
Product #2			
14a. Product Contract Number:	14b. Product CLIN:	<input type="checkbox"/> 14c. Request Cancellation of CLIN	
15. Product Code and/or NSN:			
16. Alternative Product (DoD):			
16a. Alternative Product # 2 (DoD):			
17a. Annual (or exercise) Requirement:	UoM:	17b. Monthly Requirement:	
17c. Initial Del. Date:	17d. Initial Del. Quantity:	17e. Delivery Frequency:	17f. Number of Del:



DLA Energy Requirements Worksheet

DLA Energy Requirements Worksheet

Date of Request: TSW Location ID: Exercise/Operation Name:

Product #2 (cont.)

18. Non-Bulk Tank Details *(Note: Submit Bulk Tank Details via LAWT)*

18a. Special Access Required 18b. Multi-Drop 18c. Auto-Fill *Note: Use block 23 to list specific access requirements, auto-fill levels, etc.*

Capacity: Tank Type: # Tanks: Tank Location: PSIG:

Capacity: Tank Type: # Tanks: Tank Location: PSIG:

Capacity: Tank Type: # Tanks: Tank Location: PSIG:

Capacity: Tank Type: # Tanks: Tank Location: PSIG:

19. Mode of Delivery (MoD) *(Select Primary mode Only)* Aerospace Services Requested *(Use block 23 to describe)*

MoD: Metered delivery tickets required Multiple delivery tickets required

20. Equipment (GFE) and Services Requested *(Use block 23 to list any additional requirements)*

Pump (type): Adapter (type): Size: Storage Containers:

Meter (type): Hose (length):

Product #3

14a. Product Contract Number: 14b. Product CLIN: 14c. Request Cancellation of CLIN

15. Product Code and/or NSN:

16. Alternative Product (DoD):

16a. Alternative Product # 2 (DoD):

17a. Annual (or exercise) Requirement: UoM: 17b. Monthly Requirement:

17c. Initial Del. Date: 17d. Initial Del. Quantity: 17e. Delivery Frequency: 17f. Number of Del:

18. Non-Bulk Tank Details *(Note: Submit Bulk Tank Details via LAWT)*

18a. Special Access Required 18b. Multi-Drop 18c. Auto-Fill *Note: Use block 23 to list specific access requirements, auto-fill levels, etc.*

Capacity: Tank Type: # Tanks: Tank Location: PSIG:

Capacity: Tank Type: # Tanks: Tank Location: PSIG:

Capacity: Tank Type: # Tanks: Tank Location: PSIG:

19. Mode of Delivery (MoD) *(Select Primary mode Only)* Aerospace Services Requested *(Use block 23 to describe)*

MoD: Metered delivery tickets required Multiple delivery tickets required

20. Equipment (GFE) and Services Requested *(Use block 23 to list any additional requirements)*

Pump (type): Adapter (type): Size: Storage Containers:

Meter (type): Hose (length):

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DLA Energy Requirements Worksheet



DLA Energy Requirements Worksheet		
Date of Request:	TSW Location ID:	Exercise/Operation Name:
Additional Notes/Comments		
<p>23. Additional Notes (list any additional Location, Product, Delivery, or Customer instructions here):</p> <div style="background-color: red; width: 100%; height: 150px;"></div>		
Customer Certification		
<p>24. I certify information to be correct and that I'm an authorized requestor (Print name and signature when digital signature is unavailable)</p> <p>*NOTE: DLA will not process without a customer signature or digital signature</p> <p>Name: <input type="text"/></p> <p>E-mail: <input type="text"/></p> <p>Phone: <input type="text"/></p> <p>Signature (Print/Digital): <input type="text"/></p>		
<p>25. Sub-Area JPO POC email: <input type="text"/></p> <p>Signature (Print/Digital) (DoD OCONUS only): <input type="text"/></p> <p><input type="checkbox"/> Accept <input type="checkbox"/> Reject</p>		
<p>26. JPO POC email: <input type="text"/></p> <p>Signature (Print/Digital) (DoD OCONUS only): <input type="text"/></p> <p><input type="checkbox"/> Accept <input type="checkbox"/> Reject</p>		
<p>27. SCP email (DoD See Instructions): <input type="text"/></p> <p>Signature (Print/Digital): <input type="text"/></p> <p><input type="checkbox"/> Accept <input type="checkbox"/> Reject</p>		
DLA Product Certification		
<p>28. CAS POC email: <input type="text"/></p> <p>Digital Signature: <input type="text"/></p> <p><input type="checkbox"/> Accept <input type="checkbox"/> Reject</p>		
<p>29. Supply Planner email: <input type="text"/></p> <p>Digital Signature: <input type="text"/></p> <p><input type="checkbox"/> TSW Created <input type="checkbox"/> TSW Updated <input type="checkbox"/> Reject</p>		
<p>30. Contracting Officer email: <input type="text"/></p> <p>Digital Signature: <input type="text"/></p> <p><input type="checkbox"/> Accept <input type="checkbox"/> Reject</p>		
<p>31. DLA Notes: <input type="text"/></p>		

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PDF (DLA)



- Assist customers with:
 - Product and service requirements
 - Account Management and Provisioning System (AMPS) JD-Roles
 - Ordering and Material Receipt Acceptance (MRA) processes
 - Expedited/emergency deliveries
 - Delivery discrepancies
- Conduct in-person and/or virtual customer outreach



Required AMPS Roles

Customers apply for the following roles:

- JD Role 2200 (Ordering)
- JD Role 2209 (Accepting)
- JD Role 2202 (Delivery Location Maintainer)
- JD Role 2205 (Collaboration)
 - Bolt-on role maybe required

<https://amps1.dla.mil/ampssplashscreen/>



Aerospace Energy Directory



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Service Now:

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DLA Energy website:

www.dla.mil/Energy

Space Launch Artemis

