Supplier Exposure Report

ALPHA AEROSPACE INC

Havelock, NC · UEI ALPHA0000001 · CAGE 1AAA1

Four things the public record says about ALPHA AEROSPACE INC: your own outside-in grade, who holds your subcontracts, your reported supplier map or the gap where it should be, and how you compare with your peers, plus three things to do this quarter. Built entirely from public data; nobody was contacted and nothing was scanned that a browser would not also touch.

Prepared by Tiermark (Edwards Consulting Group) on 2026-09-01. Subaward window 2023-01-01 to 2026-09-01. Grade rules version 2026-09-01. This report records public signals; it does not certify any supplier's compliance.

SAMPLE. Fictional companies.

At a glance

Measure	Value
Your public posture	Grade A (100) on alpha-aero.example
Prime contract awards in window	2 ($16,700,000)
Subawards you received (as a subcontractor)	3 from 2 primes ($3,600,000)
Subawards you reported (as a prime)	12 ($5,255,000)
Distinct tier-1 suppliers	7
Matched to a SAM registration (confidence at least 80%)	6 of 7
Graded (a public web domain was identified)	5
Needs a human look (no match, or no domain on file)	2
Top-5 supplier share of subaward dollars	95%
Single-source NAICS codes	5
Vetting (exclusions, screening, hierarchy)	1 excluded, 1 possible, 1 screening-list name match (1 likely collision), 1 with a parent abroad
Peers graded (same state, shared NAICS)	4 of 4 grade above you

Supplier grade distribution



A: 90–100, B: 80–89, C: 70–79, D: 60–69, F: below 60. From passive public signals only: mail authentication (SPF, DKIM, DMARC), DNS (DNSSEC, CAA), the public site's certificate and TLS, HSTS. Nothing is probed.

Three things to do this quarter

1. Stop and verify: 1 supplier is on the SAM exclusions list (FOXTROT COMPOSITES LLC)

An active exclusion bars the party from federal subcontracts above the micro-purchase threshold. Matched by UEI or CAGE, so this is the registered entity, not a similar name. Confirm the record on SAM.gov, stop new task orders to the party, and document the check; the contracting officer will ask when the exclusion was known.

2. Review 1 name match against the export-control and sanctions lists

The Consolidated Screening List carries no UEI, so a name match is a lead, not a verdict. It is also exactly what EO 14415 foreign influence vetting asks you to have looked at. Open the source record (the report names the list), compare address and ownership, and keep the comparison on file either way.

3. Get 2 mail-sending suppliers to an enforcing DMARC policy

Spoofed invoices and purchase-order fraud ride on exactly this gap. It is the cheapest fix on the list and the DFARS baseline questionnaire asks for it. Run the DFARS baseline campaign with the mail-authentication questions. Tiermark shows each supplier its own record and the fix.

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1. Your own public posture

alpha-aero.example grades A (100 of 100) under the same rules Tiermark applies to every supplier: mail authentication, DNS, the public site's certificate and TLS, and HSTS, all read from public records. Nothing was probed. Every finding below is something anyone on the internet can see today, and something your suppliers will be asked to clear on their own domains.

Findings

No deductions. Informational findings only.

A: 90–100, B: 80–89, C: 70–79, D: 60–69, F: below 60.

Ownership and lists

SAM records no parent entity above you.

No exclusion, screening-list, or foreign-parent flag on ALPHA AEROSPACE INC.

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2. Inbound flow-down: who holds your subcontracts

3 subawards to ALPHA AEROSPACE INC are reported under 2 primes in the window, $3,600,000 in all. These primes' flow-down clauses reach you first, and their EO 14415 vetting will ask you the questions in this report. The largest holds 83% of the dollars; the Herfindahl index is 7222 (10,000 is one prime).

Prime	Subawards	Dollars	Share	Awards	Agencies
EXAMPLE DEFENSE SYSTEMS CORP	2	$3,000,000	83%	1	Department of War
SAMPLE AIRFRAME COMPANY, LLC	1	$600,000	17%	1	Department of War

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3. Supplier map (tier 1, by subaward dollars)

Every company you reported as a subawardee on your prime awards in the window, aggregated. Grades appear where a registration and a public domain could be identified with confidence; the rest are listed for a human look in the method section.

Supplier	State	Subawards	Dollars	NAICS	Grade
DELTA AVIONICS CORP	VA	2	$2,500,000	334511	[illegible]
SIERRA MACHINING LLC	NC	3	$1,200,000	332710	C (79)
BRAVO COATINGS INC	NC	2	$800,000	332812	A (100)
CHARLIE LOGISTICS INC	NC	1	$275,000	488510	F (23)
FOXTROT COMPOSITES LLC	NC	1	$210,000	3327[illegible]	no domain
GOLF ENGINEERING INC	SC	2	$150,000	[illegible]	B (87)
ECHO STAFFING SOLUTIONS LLC	NC	1	$120,000	[illegible]1320	pending

Vetting against the public lists

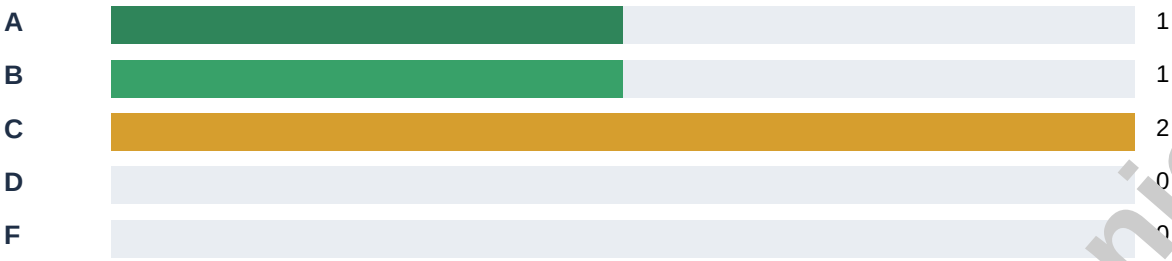
Checks run: exclusions, screening, hierarchy. 4 findings.

Supplier	List	Finding	Next step
FOXTROT COMPOSITES LLC	SAM exclusions	Active exclusion, matched by UEI or [illegible]CE	Stop and verify
CHARLIE LOGISTICS INC	Entity List (EL) - Bureau of Industry and Security	Name match 100%: "CHARLIE LOGISTICS CO., LTD."	Human look
DELTA AVIONICS CORP	SAM hierarchy	Parent DELTA AVIONICS HOLDINGS LTD (GBR)	Note for EO 14415 vetting
BRAVO COATINGS INC	Entity List (EL) - Bureau of Industry and Security	Name collision with "JOINT STOCK COMPANY BRAVO COATINGS PLANT" (RU); supplier is in the US	Noted; likely not a match

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4. Peer cohort

4 registrations sharing a NAICS code with ALPHA AEROSPACE INC, graded by the same rules. 0 of 4 grade above you. These are the companies a prime searching the Tiermark directory for your work sees next to you.



Peer	City	State	NAICS	Grade
DELTA AVIONICS CORP	Norfolk	VA	334511	A (93)
GOLF ENGINEERING INC	Charleston	SC	541330	B (87)
ECHO STAFFING SOLUTIONS LLC	Raleigh	NC	5613[illegible]0	C (79)
SIERRA MACHINING LLC	New Bern	NC	[illegible]10	C (79)

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Concentration and single-source dependence

EO 14415 vetting names sole-source dependence and concentration explicitly. Your top five suppliers carry 95% of subaward dollars; the Herfindahl index across the base is 3073 (10,000 is a single supplier). Single-source below means a NAICS code served by exactly one reported supplier.

Top five by dollars

Supplier	Dollars	Share	Grad
DELTA AVIONICS CORP	$2,500,000	48%	93
SIERRA MACHINING LLC	$1,200,000	23%	(79)
BRAVO COATINGS INC	$800,000	15%	A (100)
CHARLIE LOGISTICS INC	$275,000	5%	F (23)
FOXTROT COMPOSITES LLC	$210,000	4	—

Single-source NAICS

NAICS	Only supplier
334511	DELTA AVIONICS CORP
332812	BRAVO COATINGS INC
488510	Charlie Logistics
541330	GOLF ENGINEERING INC
561320	Echo Staffing

Geography

State	Dollars	Share
NC	$2,605,000	50%
VA	$2,500,000	48%
SC	$150,000	3%

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Where the grades are lowest

The ten lowest-graded suppliers and the findings that drove each grade. Every finding is a public DNS record or certificate fact a supplier can verify for itself in minutes.

CHARLIE LOGISTICS INC · charlielogistics.example · Grade F (23)
dns > caa > missing (-2); dns > dnssec > unsigned (-3); mail > dkim > none-detected (-4); mail > dmarc > missing (-12)

SIERRA MACHINING LLC · sierra-machining.example · Grade C (79)
dns > caa > missing (-2); dns > dnssec > unsigned (-3); mail > dmarc > no-rua (-1); mail > dmarc > policy-none (-6)

GOLF ENGINEERING INC · golf-eng.example · Grade B (87)
dns > caa > missing (-2); dns > dnssec > unsigned (-3); web > https > unreachable (-8)

DELTA AVIONICS CORP · deltaavionics.example · Grade A (93)
dns > dnssec > unsigned (-3); mail > dmarc > quarantine (-2); mail > mta-sts > missing (-2)

BRAVO COATINGS INC · bravo-coatings.example · Grade A (100)
No deductions; informational findings only.

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Mail authentication across the supplier base

4 graded suppliers publish MX records, so they receive mail at their domain. Purchase-order fraud and spoofed invoices ride on gaps in exactly these three records.

Control	Suppliers with it	Share
SPF record present	4	100%
DMARC record present (any policy)	3	75%
DMARC enforcing (quarantine or reject)	2	50%
DKIM key found at a common selector	3	75%

Mail providers

Provider	Suppliers
Google Workspace	2
Microsoft 365	1
Other	1

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Public web and certificate posture

Signal	Suppliers
Certificate expired	Charlie Logistics
Certificate expiring within 30 days	none
Certificate not trusted	Charlie Logistics
Legacy TLS (1.0/1.1) negotiated	Charlie Logistics
HTTPS not reachable on the apex	GOLF ENGINEERING INC
No HSTS header	2 of 5
DNSSEC-signed zone	1 of 5

SAMPLE. Fictional companies.

Method and sources

Subawards: USAspending.gov (FSRS and SAM.gov subaward reports), kept only when the reporting prime award is one of ALPHA AEROSPACE INC's own (the search matches award-id tails otherwise); inbound subawards from the same source where ALPHA AEROSPACE INC is the sub-recipient; peers from SAM registrations sharing state and a NAICS code, preferring the same primary NAICS, a public website, and the same city, ties broken deterministically; contract award types only, 2023-01-01 to 2026-09-01. Registrations: SAM.gov Entity Management API, active registrations. Each subawardee was matched to a SAM registration by UEI when the record carried one, otherwise by legal or DBA name and state; matches below 80% confidence are listed for review rather than graded.

Vetting: the SAM exclusions daily public extract (firms and special entities, matched by UEI, CAGE or name at 95% similarity), the Consolidated Screening List from trade.gov (OFAC, BIS, State lists; entities only, matched by name and alternate names at 95%), and the SAM entity hierarchy for a parent outside the United States. Name-only matches are leads for a human, never verdicts.

Grades come from passive collectors only: public DNS (SPF, DMARC, DKIM at common selectors, MX, DNSSEC, CAA, MTA-STS, TLS-RPT), one TLS handshake with the public site, one HTTPS request for security headers, and certificate transparency logs. No login, no probing, no port scanning; nothing a browser visiting the site would not also do. A domain with no MX is not penalized for mail policy.

Lineage: 20 raw objects were saved before anything was derived from them; every grade names the scan object that produced it. Grade rules version 2026-09-01.

What this report is not

It records public signals; it does not certify compliance, assess CUI handling, or replace a supplier's own attestation. The attestation ledger, flow-down scoping, and the risk register with the 15-day and 45-day clocks are what the Supplier Assurance Program adds on top of this map.

Suppliers needing a human look

Subawardee (as reported)	Best candidate	Confidence	Method
Echo Staffing	ECHO STAFFING SOLUTIONS LLC	33%	weak

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Appendix: glossary

Term	Meaning
UEI / CAGE	The government's unique entity identifier and the commercial-and-government entity code from SAM.gov.
Subaward	A first-tier subcontract a prime reports against a federal award (FSRS). The public record of who works for whom.
SPF / DKIM / DMARC	The three DNS records that let receivers verify mail claiming to come from a domain. DMARC at reject is the goal.
DNSSEC / CAA	Signed DNS answers; and a record naming which certificate authorities may issue for the domain.
HSTS	A header telling browsers to use HTTPS only for the site.
Certificate transparency	Public logs of every certificate issued; a map of a company's public hostnames.
EO 14415	The July 2026 executive order requiring supply-chain mapping, supplier vetting, 15-day risk notification, and 45-day corrective action plans.

SAMPLE. Fictional companies.