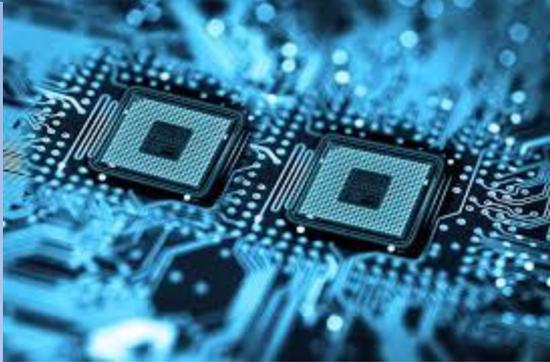




COUNTERFEIT PARTS MULTI-BILLION DOLLAR DECEPTION



Senior Management ViTS Meeting
May 2014

Steve Foster
Chief Quality Assurance Branch (Acting)
Lead Procurement Quality Assurance
Armstrong Flight Research Center

COUNTERFEIT PARTS

MULTI-BILLION DOLLAR DECEPTION



➤ Counterfeiters have a sophisticated network of stealthy moves. They understand the supply chain process and study its strengths and weaknesses:

- They know where and when to enter the supply system.
- They study established procedures to determine counter-attacks.
- They use this knowledge to counterfeit the part and push it to high risk brokers with little counterfeit protection in place.
- They use sophisticated internet sites and phony addresses that are difficult to trace.

The appearance of genuine...but at a high price!

COUNTERFEIT PARTS

AGENCY'S DEFENSIVE MEASURES



- Full vetting of suppliers to ensure use of trusted sources: Original Manufacturers, Franchised Distributors & approved vendors.
 - Rigorous testing when trusted sources not available.
- Screening of purchased parts via GIDEP, ERAI, and Customs reports.
- Use of SAE G-19 resources and technical standards.
- NASA Counterfeit Awareness & Detection class.
- Legislative and regulatory changes for use of trusted sources, quality assurance, and reporting.

COUNTERFEIT PARTS

PROCUREMENT QUALITY ASSURANCE DATABASE



Armstrong Flight Research Center Supplier Database Our Flight Research Products and Services Satisfy our Customers, Every Time

Supplier Information

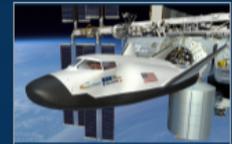
Triangle Electronics

POC:	Edward Vuolo
Address	1900 Ocean Ave
City	Ronkonkoma
State	NY
Zip	11779
TelNo	(800) 454-7722
Email:	ev@trianglecorp.com
Website:	http://www.trianglecorp.com
DateAdded:	6/9/2012
# Purch:	2
Date of Last Purchase:	3/13/2014
NAMIS ID:	2412
DUNS Number:	785225988
CAGE Number:	1GGK5

Survey Sent	6/20/2012
Survey Received	6/21/2012
Survey:	Electronic Supplier Yes
Certifications:	Re-Qualify: 6/21/2015
Supplier Assessment:	
Waiver:	Waiver Exp: <input type="text"/>
Discrepancy Reports	

AS9100 Cert Expiration:	<input type="text"/>
ISO 9001 Cert Expiration:	9/9/2015
AS9120 Cert Expiration:	9/9/2015
ASA 100 Cert:	<input type="text"/>
FAA Repair Station:	<input type="text"/>
Electronic Risk Level	Minimal
Score Number:	98

- OCM
- OEM
- Franchised
- Authorized
- Aftermarket
- Independent
- Stocking
- Broker



Vendor Type	Electronic Parts		
Approval Status	Qualified	Risk Grid	4C
Scope of Approval:	Electronic Components/Hardware, Testing, tape/reel, Mill Pack		

Procurement Quality Assurance Research

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Scheduled reassessment for June 2015.