Legacy Program Buy Weights

F-22
~143,000 lbs.
F-15
~85,000 lbs.
F-18
~49,000 lbs.

Joint Strike Fighter Buy Weights

CTOL: ~45,000 lbs.
STOVL: ~32,000 lbs.
CV: ~61,000 lbs.
General Dynamics Gets $5.76 Billion U.K. Army Contract
Company Will Build Armored Vehicles for the British Army

BY ROBERT WALL
Sept. 3, 2014 2:08 a.m. ET

General Dynamics Corp. has secured a £3.7 billion ($5.76 billion) contract to build armored vehicles for the British army in the largest order for such equipment in 34 years.

The British defense ministry on Thursday announced the deal, before the U.K. House of Commons of North Atlantic Treaty Organization members in Wales, that will see General Dynamics build SBS so-called Scout Specialist Vehicles. The company had previously won a competition to develop and demonstrate the system.

Land Applications

Land Vehicles, Guns & Equipment add up to ~2MM lbs. per year
General Dynamics Gets $5.76 Billion U.K. Army Contract

Company Will Build Armored Vehicles for the British Army

By ROBERT WALL
Sept. 3, 2014 2:46 a.m. ET

General Dynamics Corp. has secured a £3.5 billion ($5.76 billion) contract to build armored vehicles for the British army in the largest order for such equipment in 30 years.

The British defense ministry on Wednesday announced the deal, before the U.K. hosts a summit of North Atlantic Treaty Organization members in Wales, that will see General Dynamics build 589 so-called Scout Specialist Vehicles. The company had previously won a competition to develop and demonstrate the system.
World Military Expenditures

Defense Ti Shipments Pre-Sequestration


- USA / NATO, 19.1 mm lbs.
- Russia, 6.6 mm lbs.
- China, 5.5 mm lbs.
Defense Titanium Demand Today

2013 Mill Product Shipments: ~ 44 Million lbs.

- China, 13.6 mm lbs.
- USA / NATO, 22.4 mm lbs.
- Russia, 8.3 mm lbs.

RTI Estimates

Defense Titanium Demand Tomorrow

2018P Mill Product Shipments: ~ 51 Million lbs.

- China, 16.3 mm lbs.
- USA / NATO, 26.3 mm lbs.
- Russia, 8.6 mm lbs.

RTI Estimates
# Today's Conflicts

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Russia Successfully Tests Nuclear Missile; More To Come, Officials Say

By Oulimata Ba | Sep 10, 2014 03:04 PM EDT

An intercontinental ballistic missile was launched from the White Sea east, military officials said. (Photo: Twitter)

Russia said it successfully tested a 36-ton nuclear missile on Wednesday, coming months.

Defense Ministry spokesman Igor Konashenkov said the Bulava Intercontinental Submarine in the White Sea and struck its target in Kamchatka in Russia.

MOSCOW (AP) - Russia will counter military moves by the U.S. and NATO with an array of new nuclear and conventional weapons, President Vladimir Putin said Wednesday as the military successfully test-fired an intercontinental ballistic missile from a nuclear submarine.

At the same time, he emphasized that Russia will not enter a new arms race and will tightly control its military budget to avoid duplication.
Israeli Strike on Gaza

Islamic State/ISIS Supporters
Message for Titanium:

INNOVATION

- Antiballistic radar systems
- Unique Ti applications for navy vessels
• Ground warfare in Afghanistan presents new challenges
• New weaponry required: lightweight guns/howitzers

• IEDs in Iraq
• Uparmoured tanks and Humvees
- Acceleration of drone usage by military
- Any application for titanium?

- Sea based radar to track missiles
CONCLUSION

New Approach: Value ≠ pounds

New Technological Advances

Disruptive Technologies

Titanium Innovation

Robotics

Powder Metals

3D Printing
The information in this presentation, including oral comments, includes "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, and is subject to the safe harbor created by that Act. Because such forward-looking statements involve risks and uncertainties, there are important factors that could cause actual results to differ materially from those expressed or implied by such forward-looking statements. These factors include, but are not limited to, the impact of global events on the commercial aerospace industry, ultimate titanium content per copy and actual aircraft build rates for new commercial and military aircraft programs, global economic conditions, the competitive nature of the markets for specialty metals, availability and pricing of raw materials, the successful completion of our capital expansion projects, and other risks and uncertainties included in the Company’s filings with the Securities and Exchange Commission. Actual results can differ materially from those forecasted or expected. Additional information concerning such factors is contained from time to time in the Company’s Securities and Exchange Commission filings, copies of which can be obtained from the Company or the SEC.