



Boeing Support of the Brazilian National Defense Strategy

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National Defense Strategy Objectives

- **Key National Defense Strategy Material Requirements**
 - Transport
 - Air Superiority
 - Weapons
 - Unmanned Aerial Vehicles
 - Networking
 - Satellites
 - Cyber Security and Critical Infrastructure Protection
- **Key National Defense Strategy Objectives**
 - Indigenous Manufacture
 - Independence
 - Technology Transfer
 - Aerospace Industrial Development

" . . .Should Brazil aim to occupy its position in the world, it must be ready to defend itself not only from aggression, but from threats also. "

Decree #6703, December 18 2008 National Defense Strategy

Boeing - Business Mix



2010 Revenue \$64B

Balanced portfolio

Boeing Defense, Space & Security

Boeing Military Aircraft

<p>AEW&C P-8A</p>	<p>C-17 Italy</p>	<p>7A7</p>	<p>F-18 F-15</p>	<p>AH-64 AH-6i</p>	<p>JDAM SDB Harpoon ScanEagle A160T INSITU</p>	<p>MOLE</p>
Surveillance & Engagement	Mobility		Global Strike		Missiles and Unmanned Airborne Systems	Advanced Military Aircraft

Global Services & Support

<p>Alsalam</p>	<p>Logistics C2 TWV RCV</p>	<p>Aviation Training Int'l LTD</p>	<p>NCS</p>	<p>FIRST DLA TAPESTRY SOLUTIONS Federated Software Group, Inc. C-17</p>
Maintenance, Modifications & Upgrades	Advanced Global Services & Support	Training Systems and Services	Defense & Government Service	Integrated Logistics

Network & Space Systems

<p>Satellites Programs Proprietary</p>	<p>ISS Shuttle</p>	<p>Avenger GMD ABL</p>	<p>FAB-T BCT-M ITRS</p>	<p>NCS RAVENWING eXMeritus KEI Sensors DRT</p>
Space & Intelligence Systems	Space Exploration	Missile Defense Systems	Network and Tactical Systems	Intelligence & Security Systems

"Partnerships with other countries will be sought out, aiming at developing technological qualification and the manufacture of national defense products.."

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Super Hornet Block II

- First fielded in 2007 – most advanced multi-mission fighter in the world
- Combat proven: air supremacy, ground support and maritime roles
- Lowest cost to acquire and operate and the data to prove it
- Very small logistics footprint designed to operate in all environments
- Funded technology insertion roadmap to keep the Super Hornet threat relevant for decades to come



"Air superiority . . . is the first step to affirm sovereignty and superiority over the Brazilian territory and jurisdictional waters.

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Independence

- **Integrated into existing infrastructure**
- **Work will be done by the Brazilian Air Force and industry**
 - Spare parts will be stored in-country
 - Maintenance can be performed in Brazil
- **Future modifications can be performed in Brazil**



"Our approach (purchase aircraft while demanding technology transfer) would fix current aircraft limitations while establishing technological independence."

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Technology Transfer Assurance

- The full faith and backing of the US Government was secured in writing prior to the delivery of the proposal – no further approvals required
- Approved by the US Congress in September 2009 – in advance of request – a very rare gesture of goodwill
- In March 2011 President Obama personally provided President Rouseff technology transfer assurances
- A letter from the US Senate provided strong Congressional assurances
- Boeing Assurances

No further USG policy decisions are required to transfer the technology offered in F-X2

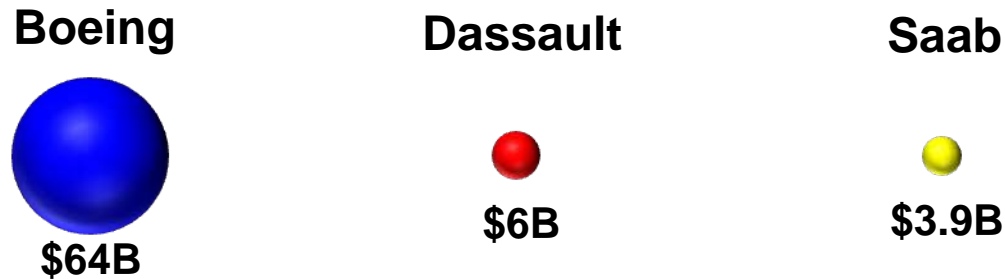
F-X2 Competitors

Boeing Defense, Space & Security

Total Backlog (12/31/10)



2010 Revenues



Boeing has the capability and resources to live up to its promises on offset and technology transfer and the track record to prove it.

Summary

- A US/Boeing partnership can directly support nearly every aspect of the Brazilian National Defense Strategy
- A US/Boeing partnership represents a significant opportunity to bring long term value to Brazil
- The Super Hornet will remain in service for many decades to come and has a funded technology insertion roadmap



"The Defense Ministry will propose . . . The set-up of strategic partnerships with countries that are able to contribute to the development of the state of the art technologies of interest to defense"

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Questions ?

