



Positioning Hellenic Aerospace Industry in the high technological global Aerospace Market



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HAI's STRATEGY

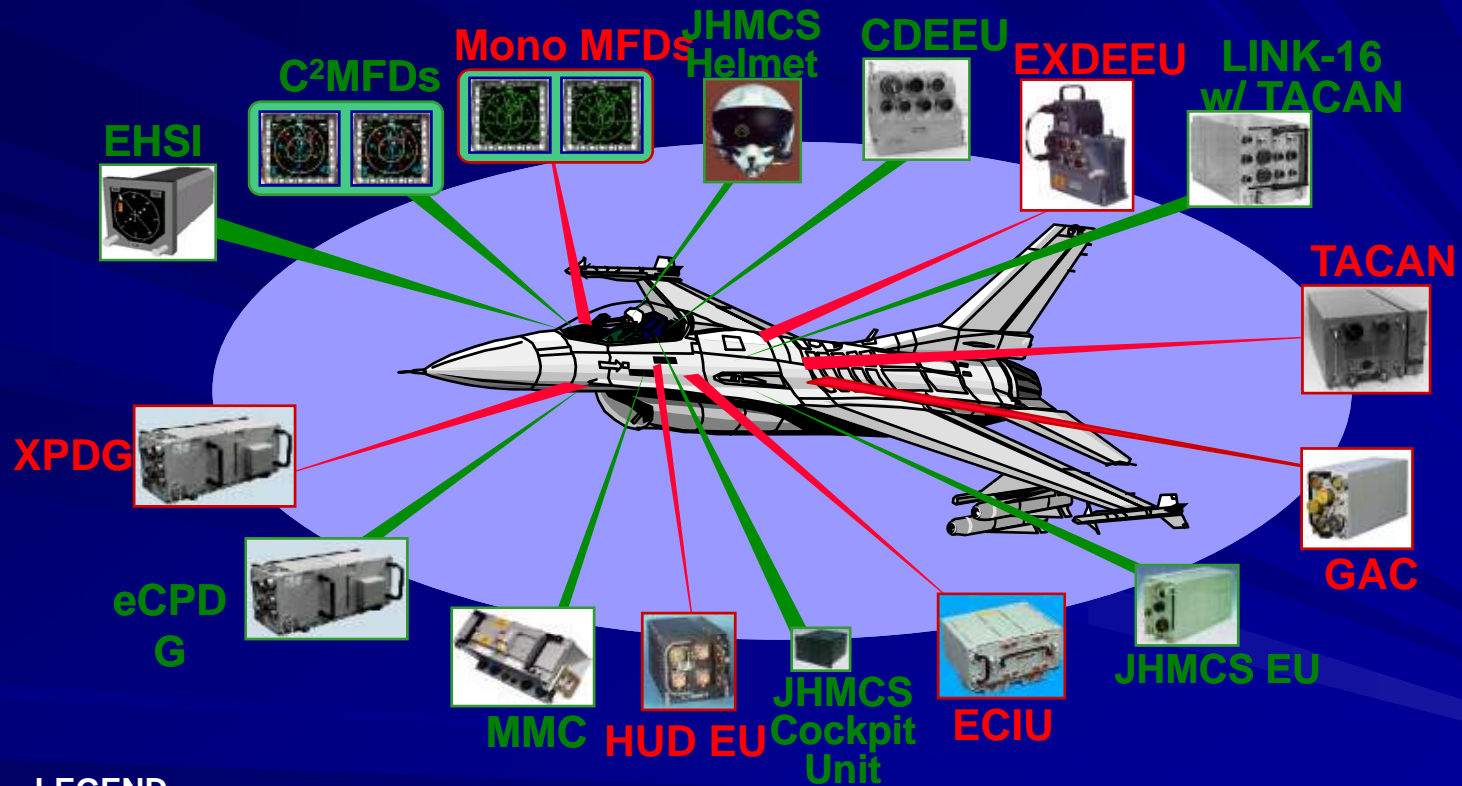


- **Strengthening our Technological base**
- **Global Market Orientation**
- **Participate in international partnerships on new product development**
- **Outsourcing low end of technology production**
- **Expand to adjacent Markets**
- **Upgrade production infrastructure**

Technology & Global Market Orientation



C.C.I.P: STRUCTURAL & AVIONICS UPGRADE ON U.S.A.F F-16 FIGHTER AIRCRAFT

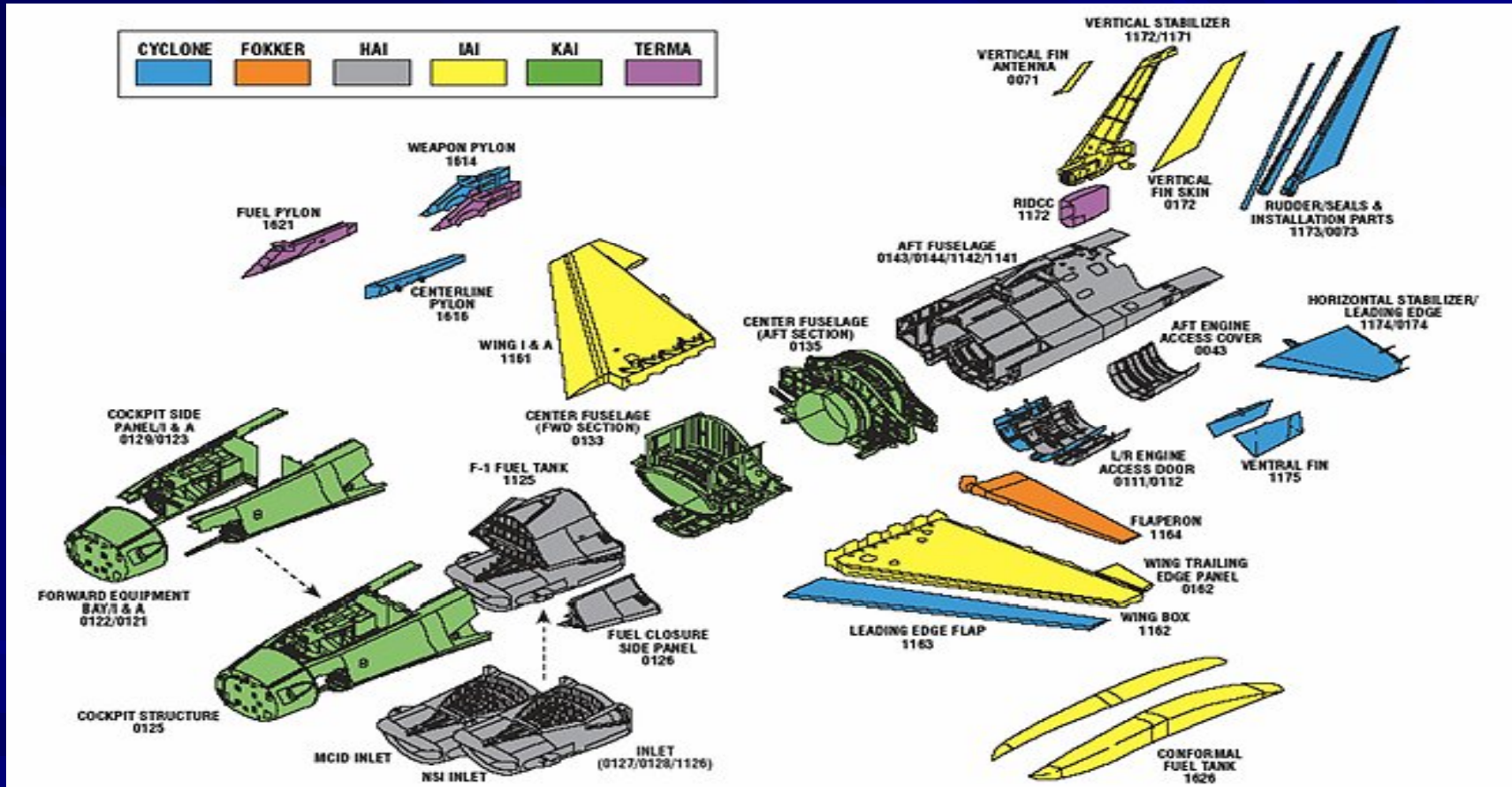


LEGEND

New Install 
Removed 



COPRODUCTION OF LOCKHEED MARTIN F-16 FIGHTER AIRCRAFT



HAI's Participation: 2004=18%, 2005=25%, 2006=30%



■ **BOEING 787
DREAMLINER**



■ **SIKORSKY BLACK
HAWK UH-60**





HAI's FOCUS ON R&D

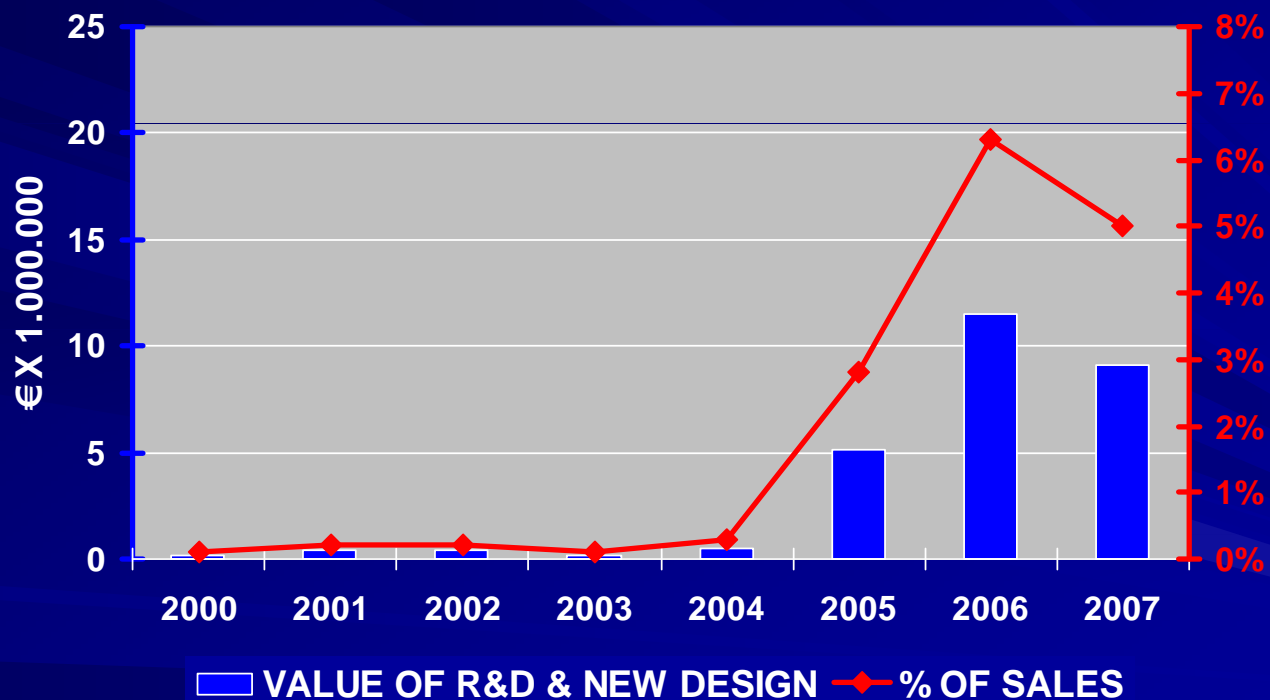


- HAI focuses on R&D with the objective to:
 - Upgrade its technological base
 - Create a new Revenue Center
 - Establish the bridge for the future



R&D & NEW DESIGN ACTIVITY

■ VALUE OF SALES IN R&D & NEW DESIGN



Increase in 2007 by 80% compared to 2005 and by >45-fold compared to 2003

CONTRIBUTION OF R&D TO HAI'S REVENUES



Design & Technology Projects

■ Completed programs

- ✓ Design of FALCON 900 EX Business Jet Fuel Tank
- ✓ Design Sections of IRIS-T Air-to-Air Missile
- ✓ Design of BOEING 787 Aircraft Cargo Door Surrounding



■ Aerospace Design Center enhances opportunities

for participation in European Programs such as:

- ✓ “NEURON” – Unmanned Combat Air Vehicle
- ✓ “CESAR” – 15 passenger aircraft
- ✓ “VULCAN” – aerostructures resisting explosion
- ✓ JTI- Clean Sky
 - ✓ “Green Regional Aircraft”
 - ✓ “ECO Design” – development of environmentally friendly material





Clean Sky



Environmental Objectives of the Project:

- ▶ Decrease of CO₂ emissions by 50%
- ▶ Decrease of NO_x emissions by 80%
- ▶ Develop green technological production

Anticipated benefits for HAI:

- Established as an Aeronautical Structural Design Center incorporating state of the art technologies in its products
- Development and Assessment of technologies in areas such as:
 - ▶ Embedding sensors into structures
 - ▶ Low noise and low weight structures
 - ▶ Green manufacturing processes for thermoplastics & thermosetting composites, metals



Design & Technology Projects

■ Electronics & Software Design Center

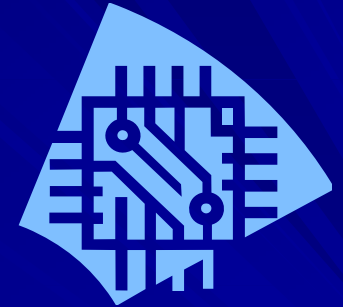
has produced innovative solutions in the areas of:

- ◆ Tactical communications
- ◆ Electronic Warfare
- ◆ Intergraded Command & Control

with plans to expand to:

- ✓ Homeland Security- Projects: SOBCAH, TALOS, ASPIS

■ Electronics & Software Design Center enhances opportunities for participation in European Programs such as the SAFEE, FLYSAFE and ARTEMIS .





A.R.T.E.M.I.S.

Advanced Research and Technology In Embedded Intelligence and Systems

Anticipated benefits for HAI:

- Established as a key European player in incorporating embedded technologies in its products
- Embedded systems technologies will be applied in a number of HAI' s systems in the areas of:
 - Aeronautics
 - Security systems
 - Smart transport systems
 - Control & security of infrastructures



CLOSING REMARKS



- **HAI strategically pursues Technology and Innovation**
- **Investing in R&D is bringing results**
- **HAI's commitment on international partnerships**
- **Continuous exploration for new fields of R&D activity**

**HAI BUILDS ITS TRUST AND FUTURE
THROUGH...**

TECHNOLOGY AND INNOVATION