



Eurofighter Typhoon

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Eurofighter Typhoon



- The Product
- The Programme
- The Partnership
- The Market
- The Facts



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Eurofighter Typhoon: The Product



Air to Air Combat

- Beyond Visual Range
- Close Combat

Air to Surface

- Close Air Support
- Counter Air Interdiction
- Maritime Attack
- Reconnaissance

Performance

- Mach 2, +9 g
- Unstable airframe - designed for extreme agility
- Brakes off to Mach 1.6 at 36,000ft in 150 seconds
- Carefree handling
- Highly integrated human/machine interface

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Eurofighter Typhoon: The Product



Cockpit – Main Features

- Helmet Mounted Display
- Wide Field-of-View Head-Up Display
- Multi-function colour Head-Down Displays
- Hands-On-Throttle-And-Stick controls
- Direct Voice Input
- Multifunction Data Entry
- Reversionary Flight Instruments
- Integrated voice warnings and status system

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Eurofighter Typhoon: The Product



Main Development Contract	Phase 1 Enhancements	Phase 2 Enhancements
Concluded	Work in Progress	Proposal Submitted
Combat Ready Air-to-Air/Air-to-Ground-Swing Role Carefree handling Network Centric Operation	Simultaneous Swing-Role Laser Designator Pod Enhanced GBU-16, Paveway IV	More Reach Taurus, Storm Shadow, Meteor, Supersonic Paveway IV, Small Diameter Bomb, Brimstone



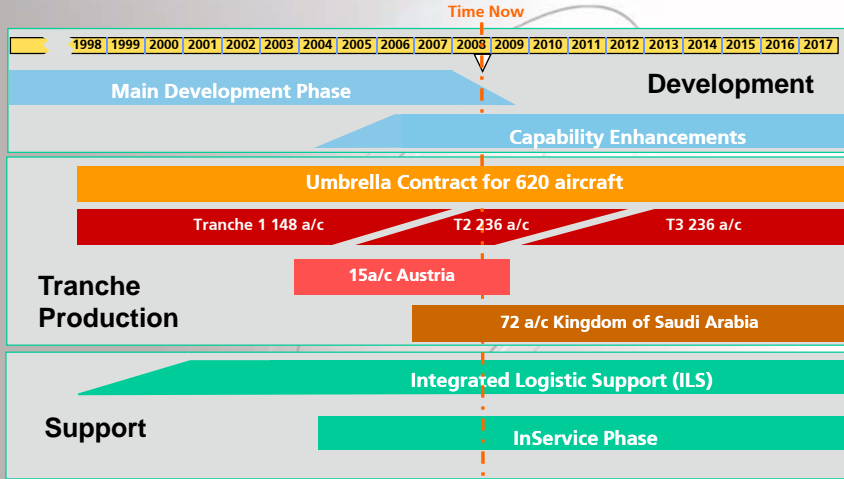
Eurofighter Typhoon: The Product



➤ Eurofighter Typhoon replaces eleven aircraft types in Six Nations



Eurofighter Typhoon: The Programme

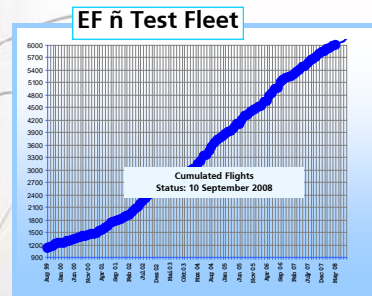


Eurofighter Typhoon: The Programme



Recent achievements:

- Main Development Work concluded
- Basic Testing Helmet Assembly completed
- Tranche 2 Type Acceptance achieved
- Tranche 2 Weapons and Radar testing underway
- Long range flights over 6,5 hours, USA deployments
- Microwave Landing System testing completed



➤ 6158 test flights performed totalling 5952 flight hours



Eurofighter Typhoon: The Programme



Production Status

- 148 production aircraft delivered
 - Austria 9
 - GE 38+2
 - IT 27+1
 - SP 18+1
 - UK 49+3
- Tranche 1 deliveries completed
- 61 Tranche 2 aircraft in final assembly
- First Tranche 2 aircraft delivered 1 Febr 2008



Eurofighter Typhoon: The Programme



Ten Air Force Units operate Eurofighter Typhoon



Moron



Grosseto
Gioia del Colle



Zeltweg



Laage
Neuburg



No. 3, 11, 17 and 29 Sqdn,
Coningsby



➤ **Five Air Forces have accumulated over 44,500 flying hours (August 2008)**



The Eurofighter Typhoon: The Partnership



Ownership of Eurofighter GmbH	Company	Percentage
	Alenia	21%
	BAE Systems	33%
	EADS CASA	13%
	EADS Deutschland	33%

Development Workshare – Major System Design Responsibilities

- Alenia: Utilities Control System, Wing design, Navigation Sub-System, Armament Integration
- BAE Systems: Avionics Integration, ECM, Lightning, Electrical & Fuel System
- EADS CASA: Structure Technology, Wing design, Environmental Control System
- EADS Deutschland: Flight Control System, Attack & Identification, Radar Signature

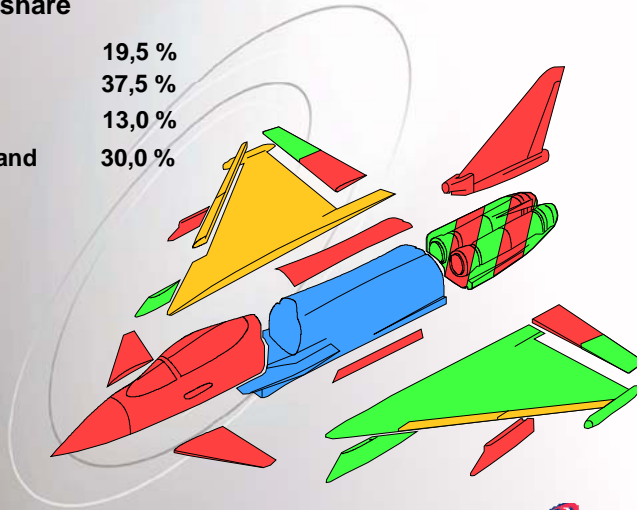


The Eurofighter Typhoon: The Partnership



Production Workshare

Alenia	19,5 %
BAE Systems	37,5 %
EADS CASA	13,0 %
EADS Deutschland	30,0 %



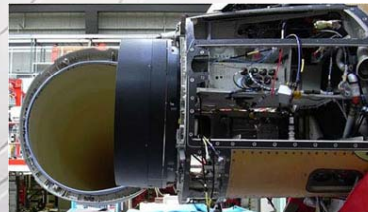
Eurofighter Typhoon: The Partnership



The Technology Challenge:
Maximum performance in intense combat scenarios demands complex leading-edge technology

Consequences:

- High risk
- High cost
- Time to Maturity



Eurofighter Typhoon: The Partnership



The Winning Formula:

Meet the Technology Challenge through real Partnership

- Integrated teams
- Technology transfer
- Single Source
 - System Design Responsibility
 - Equipment Design Responsibility
 - Major Unit Production
- Risk and Cost sharing



➤ **Sharing advanced aerospace technologies sustains Europe's Technology Base and offers a Choice in Procurement**





Eurofighter Typhoon: The Market

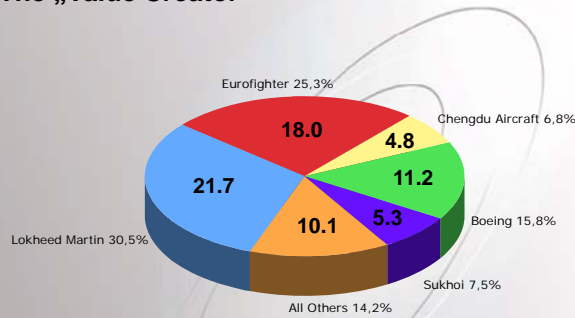
Highest Order Book in the Next Generation Fighter Competition

- 707 ordered by six Nations
 - 620 core programme
 - Tranche 1 deliveries concluded
 - Tranche 2 in production, deliveries start summer 2008
 - Tranche 3 in authorization process
 - 9 of 15 aircraft for Austria delivered
 - 72 aircraft for Saudi Arabia in production
- Eurofighter is Bestseller and Market Leader



Eurofighter Typhoon: The Market

The „Value Creator“



Total Five-Year Value of Production (2008-2012): \$ 71.1 billion

Source: Forecast International/Aviation Week & Space Technology

All percentages and numbers rounded

Values (in billions of U.S. FY 08 dollars)



Eurofighter Typhoon: The Market



Requests For Proposal

- Responded to
 - India by EADS: up to 126 aircraft
 - Switzerland by EADS: up to 30 aircraft
- Expected from
 - Japan, to be responded by BAE Systems/Alenia: up to 50 aircraft
 - Romania, to be responded by Alenia: up to 48 aircraft

Request For Information

- Responded to
 - Bulgaria by EADS: Up to 15 aircraft
 - Croatia by Eurofighter GmbH: Up to 12 aircraft
 - Turkey by Alenia: Up to 40 aircraft
 - Romania by Alenia: Up to 48 aircraft
 - Brazil by Alenia: up to 30 aircraft
- Greece: Further decisions expected, up to 30 aircraft

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Eurofighter Typhoon: The Facts



Pole Position

- Largest Order Book: 707 aircraft for 6 Nations
- In Service in five Nations' Air Forces
- Over 50,000 hours flown in ten units and test fleet



Economic Significance

- 3.5 B € Revenues
- 19.1 B € Order Backlog
- 400 companies involved
- 100,000 jobs in eight nations

Proven Partnership

- Partnership means Ownership
- Transparency as a principle
- Technology access without constraints



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