## LTH Stakeholders

## Applications of LTH

# Luftfahrttechnisches Handbuch

## Cooperation

- Active Cooperation of Aerospace Companies, Institutions, Universities and Authorities
- Cooperation focused on the Disciplines of the respective Working Groups
- Edition of Technical Reports and Presentations
- Establishing and maintaining of Networking between the Partners

## Major Industry Contributors

- Airbus Defence & Space
- Airbus Helicopters
- Airbus Operations
- Diehl
- Elbe Flugzeugwerke
- Grob Aircraft
- IABG
- Liebherr Aerospace
- Lufthansa Technik

- MT Aerospace
- MTU Aero Engines
- Pilatus
- Premium Aerotec
- Rolls-Royce D
- RUAG Aerospace
- SAAB Aeronautics
- Stork Fokker AESP
- Zeppelin LT

Institutions	Authorities
<ul><li>DLR</li></ul>	■ EASA / LBA
<ul><li>NLR</li></ul>	<ul><li>LufABw</li></ul>
<ul><li>Universities, e.g. of B, BS, DA, HH, M, S, Delft, Linz,</li></ul>	<ul><li>WTD 61 (=GE OTC)</li><li>DIN NL</li></ul>

## Major Civil Applications

- Airbus A300, A310, A300-600, Beluga
- Airbus A318, A319, A320, A321
- Airbus A330, A340, A340-500/-600
- Airbus A380
- Airbus A350
- Dornier Do 228, Do 328
- Dornier Do 728 (Development)

- Pilatus PC-6,PC-12 NG, PC-24
- MBB Bo105
- Airbus Helicopters EC135, EC145
- IAE V2500
- Rolls Royce BR700, Tay, Spey, Dart
- Saab 340, Saab 2000
- P&W PW1000G, PW2000, PW6000, PW7000, PW8000

## **Major Military Applications**

- Airbus A400M
- Eurofighter
- Panavia Tornado
- i aliavia i olilac
- Saab Gripen
- Dassault Dornier Alpha-Jet
- NHI NH90
- Airbus Helicopters Tiger

- Grob Strato 2C
- Pilatus PC-7, PC-7 MkII, PC-9, PC-21
- Airbus DS UAS
- Eurojet EJ200
- Turbo Union RB199
- EPI TP400-D6
- MTR MTR390

## For further information please contact:

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## Luftfahrttechnisches Handbuch

Aeronautical Engineering Handbook

## **Disciplines / Volumes:**

**AD** Aerodynamics

AT Propulsion Technology

BM Loads

FL Composite Design Criteria

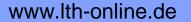
FV Flight Test Engineering

**MA** Mass Analysis

**HSB Structure Analysis** 

SE Systems Engineering







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## Tool for Engineers and **Students**

## Aims and Benefits

## Background of LTH

Industry

Authorities

Qualify

Certify

Analyse

Engines

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Equipment

Institutions

Universities

### to

- Specify
- Design
- Develop
- Verify

### of

- Aeronautical Vehicles
- Systems

### Aims

- Standardisation of Procedures and Methods
- Summarize Knowledge centrally and searchable
- Rationalise by Generic Acceptance of Verification Process
- **Expert Tools**

### **Benefits**

- Optimized and accelerated Development
- Standardised Basis for Authorities and **Suppliers**
- Reduced Effort during Type Certification
- Papers Approved by Working Committee
- Efficient Networking between Members and **Partners**

#### Outlook

- Continuous Enhancement of Knowledge, also by new Members
- Internationalisation using English Language
- Focus on Standardisation Papers and Calculation Software according to current Needs of Industry
- Update of existing Papers as applicable

#### **Foundation**

- First Working Groups founded in 1969
- Cooperation between Industry, Authorities and Research Organisations
- Funded by Industry and Authorities
- Non-Profit Organisation

## Organisation

- Executive Secretary, Management and Publication, Funding and Promotion
- Coordination Committee as Advisory Board
- Eight Working Groups: AD, AT, BM, FL, FV, MA, HSB, SE

#### **Publication**

- Until 2002 Printed Publication with regular **Updates**
- Since 2002 issued electronically
- Published on DVD with PDF-Files and comfortable Search Functionalities
- Calculation Software on DVD
- Membership Domain on Homepage





