

### **Working Together**





- Human Machine Interfaces
- Control Panels
- LED-Displays
- Control Warning Systems
- Lighting Components



- Serving and delivering all over the world
- Dedicated custom made equipments



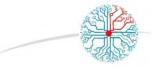


- 50 years supporting world leading OEMs since 1968
- Headquartered in Germany, Schönau / Heidelberg
- Growing workforce of more than 60 employees
- Turnover 2016 of over € 7 Mio
- Part of the strong MAFELEC Group with beyond 60 M€ in sales











Leader in Aerospace & Defense
Illuminated Display & Control Systems

- Worldwide trusted customers, civil & military
- Servicing airplanes, helicopters, submarines, defense vehicles

Northrop Grumman LITEF GmbH















































- Airbus Helicopters NH90 / Tiger / H120/130/135/145/155/175/160
- Airbus A318 / A319 / A320 / A321 / A330 / A340 / A330 MRTT / A400M
- CH53 GA
- Embraer KC-390
- C160 Transall
- Dassault Falcon 7X
- Pilatus PC12, PC24
- Grob G115E
- Dornier DO228 / DO328 / Seastar
- DHC-6 Twin Otter
- Saab Gripen JAS 39
- Marenco SKYeSH09
- Tornado
- Dassault Rafale / Mirage 2000
- JSF F-35
- Name / Department hyssenkrupp HDW Class 212A



























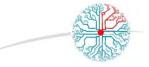








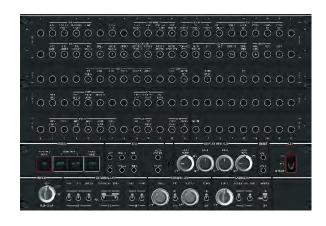
































- Full range of services for R&D, qualification, production and after sales
- Qualified EN9100:2009 organization
- EASA authorized Part 21G and Part 145



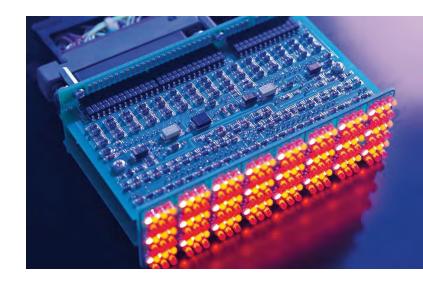




Leader in Aerospace & Defense
Illuminated Display & Control Systems

#### Design, Research & Development

- Electronic & PCB design
- Electronic laboratory
- Mechanical design
- Optical & Illumination design
- 3D CAD drawings & modelizations







# Leader in Aerospace & Defense Illuminated Display & Control Systems

#### **Production**

- Machining of metal & plastic
- Laser cutting
- Laser engraving
- Surface treatment
- Photo Etching
- Painting (Hand & Automatic)
- Assembly











### Leader in Aerospace & Defense Illuminated Display & Control Systems

#### Qualification and Testing

- In-House Testing
- Dimensional Measurement
- Electrical measurement
- Optical measurement
- Shoc/Vibration
- Altitude testing

- Temperature Chamber
- Humidity Chamber
- Travel & Force Measurement
- EMI/EMC Labor
- Stroke testing
- Salt/Fog

