FLIGHT DESIGN GENERAL AVIATION

AERO Press conference 2022

LIFT AIR
FLIGHT DESIGN

Content

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- Impact operational business 2022
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Flight Designs Achievements

- Production Organization Approval EASA POA in Czech Republic including F2
- CTLS UL 600kg
- F2 FAA-LSA deliveries
- F2 EASA TC CS-23

TCDS No.: EASA.A.647
Issue: 02

Type
F2

Date: 15 Mar 2022

EASA
European Union Aviation Safety Agency

TYPE-CERTIFICATE

DATA SHEET

NO. EASA.A.647

for
F2

Type Certificate Holder
Flight Design general aviation GmbH

Am Flugplatz 3
99820 Hörselberg-Hainich
Germany

For models: F2-CS23

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Situation Ukraine

- Nobody of FD staff in Ukraine has been injured, either staying safe at home or have left the area temporarily.
- Factory in Kherson is intact, some work is continuing
- For now, no material and aircraft transfers possible
- FD Donation Program

Impact to operational business 2022

- Increase the production capacity in Sumperk, Czech Republic
- EASA POA, prototyping, production tooling and final acceptance were already established at this location
- Serial parts production started in April 2022
- First deliveries of F2 scheduled for October 2022

CT Series

- Ensuring spare parts and technical support
- Resuming production in 2022

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Flight Design F2 CS23 & LSA

- Orderbook 80+ orders and preorders
- EASA TC NVR -> 2022
- EASA TC IFR -> 2022/23

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Flight Design F4

- EASA CS-23 first flight 2023 - certified -> end of 2024
- Price indication: 300.000 Euro

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Flight Design F2e

F2e

- The certified powertrain is the enabler
- EASA CS-23 certified with power train certificate -> 2024/25
- Hybrid fleet operation with F2 CS-23
- Price indication: 290.000 € with 75KWh battery

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Flight Design F2e

F2e

- Dutch sustainable aviation start-up E-Flight started last year with Europe's first electric flight academy.
- E-Flight will become an importer and dealer for The Netherlands and The Dutch Antilles.
- They will also work closely together on flight simulator development and production.

F2e - HY

HYFLY

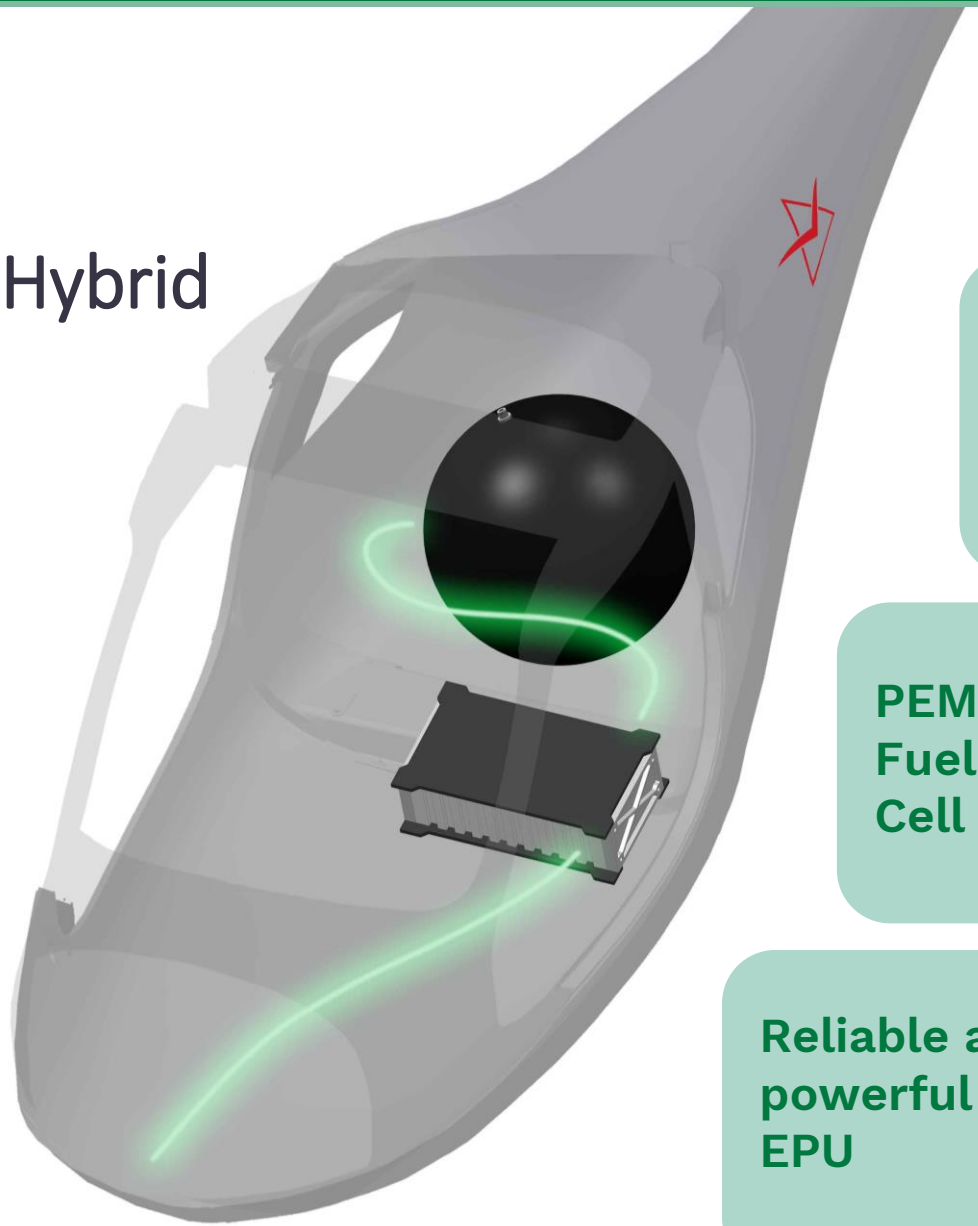
HYFLY Hydrogen Fuel Cell System Development Project

Gefördert durch:
ZIM Zentrales Innovationsprogramm Mittelstand
Bundesministerium für Wirtschaft und Energie
aufgrund eines Beschlusses des Deutschen Bundestages

Who We Are

KASAERO AIRCRAFT & COMPOSITES	PS HyTech	FH W-S	FlyingAD FLUGWERBUNG
Airframes, Systems & Certification	Hydrogen Systems & Infrastructure	Sophisticated Ground Testing Facilities	Flight Testing & Evaluation

Fuel Cell Hybrid



Ultralight Hydrogen Pressure Tank

Carbon-fibre
350 – 700 bar
50% lighter
50% less cost

PEM Fuel Cell Stack

Lightly loaded
Low temperatures
Simple & lightweight periphery
Soon to be mass-produced

Reliable and powerful EPU

Present-day battery cells
High-torque electric motor
Innovative power management
Low noise

The Demonstrator

- Flight Design F2e-HY
  - Proven airframe (F2)
  - Excellent performance and flying characteristics
  - Lab testing of components in progress
  - Systems Integration during 2022

Summary _ press release and more.

Thank you! Questions?