



# Electric Flight in Airbus Group Why the E-Fan adventure?

Emmanuel Joubert – Technical Program Manager – EFAN Project

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## E-Fan 2.0: Full Electrical Aircraft for General Aviation (training)

*Airbus Group is going to design, develop and certify this full electrical aircraft*

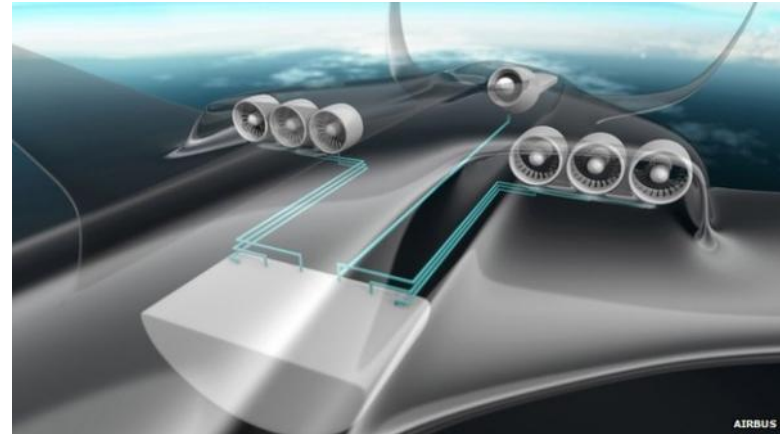
### E-Fan 2.0 Preliminary Specification:

<b>Maximum takeoff weight</b>	Under 600 kg (CS-LSA certification)
<b>Endurance</b>	1 hour, plus a 30 minutes reserve
<b>Availability</b>	5 flying hours per day
<b>Wingspan</b>	11 m
<b>Length</b>	5.6 m
<b>Height</b>	1.98 m
<b>Maximum takeoff power</b>	2 x 25kW
<b>Pax</b>	2 people



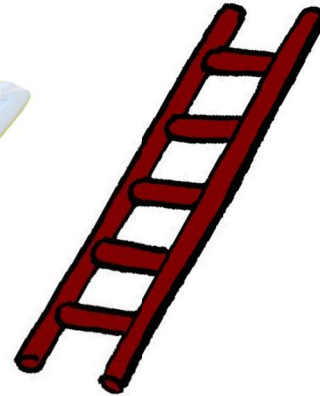
**AIRBUS**  
GROUP

E-Fan is the first step to go further into new propulsion and energy systems



*Demonstrator  
E-FAN 1.0  
(2012 – 2014)*

*Certified product  
E-Fan 2.0  
(2014 – 2018)*



*E-Fan is part of e-aircraft propulsion  
Road Map inside Airbus Group*

## E-Fan 1: validation of electrical propulsion viability



**This demonstrator has contributed to illustrate and disseminate in the Group the idea of electrical based propulsion will probably be the next major breakthrough in our industry**

- ☑ Learning by doing
- ☑ Built with a SME based on a start up approach in 18 months
- ☑ Initiate a dynamic with industrial partners for longer term