

#### **Light Weight Production Technology**



**LWPT** 

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## FlexProp How it all started...







## exprop SAE 2015 AeroTech



swerea IVF swerea sicomp **Next generation industrial fixtures:** CFRP structures using "in situ" health monitoring.



**Ground Based Demonstrator Fixture** 



# FlexProp NLF, Leading edge fixture





## FlexProp Embedded control system

2014: Materialbaserad konkurrenskraft – förstudie

2014: RISE ToD "Analytisk Processövervakning"

2015: SMF - Flyg

**2015: Produktion 2030** 

2015: TempKomp





#### Flex Prop Ongoing projects, 2016

CFRP structures using "in situ" health monitoring in order to log the geometry of the fixture.

Feedback the measuring data in order to control the geometry of the full fixture.

Feedback the measuring data in order to control the geometry of a location point.