A survey in relation to

Using Blockchain Technology in Aviation

The survey will take approximately 5 minutes to complete.

Blockchain technology, in its simplest form - Think of it as a digital ledger, or a diary of information, that is designed to update and validate itself and is virtually impossible to forge.

1.Do you think blockchain can benefit the aviation maintenance and maintenance training environments?

Yes

No

2.If you answered Yes to Q1 please describe where you envisage blockchain as a useful tool



3.If you answered No to Q1 please explain your reasons



4.Does your organisation embrace new technologies?

Yes

No

5.How are new technologies fostered in your organisation?



6.How can predictive maintenance transform the supply chain?



7.Could blockchain play a part in predictive maintenance?

Yes

No

8.Please give reasons for your answer to Q7.



9.Could blockchain assist in the certification of individuals training and licencing records?

Yes

No

Maybe

10.What benefits, if any, could blockchain technology bring to the maintenance of licencing and training records?



11.Could the technology be used to certify records of training and competence when transferring between organisations?

Yes

No

Maybe

12.If blockchain technology were to be adopted in the maintenance and training environment how easy or difficult do you think it would be to achieve a common global standard?

Extremely difficult

Somewhat difficult

Neutral

Somewhat easy

Extremely easy

13.Do you think that NAA's should be in control of the standard or should it be applied as an additional annexe to ICAO SARPS?



14.Blockchain has the potential to provide a means of secure, transparent multi-organisation data sharing. Is this something that the aviation industry could benefit from in a post Covid-19 era, either regionally or on a global scale?



15.Which other emerging technologies do you see impacting the aviation maintenance industry, please select all that apply.

Robotics

Drones

AI & Analytics

Additive Manufacturing

Intelligent Machines