

Appendix C

Impact assessment information

The CAA is required to carry out an impact assessment to establish the financial impact of any new requirement. In this case, whilst many AFIS units already obtain recording capability, some AFIS units will be required to procure a new recording system in order to meet this change in requirements.

As discussed, there are a number of options available in order to meet the recording requirement. Broadly, these can be put into 3 categories:

1. Full ATC-type recorders
2. Reduced functionality ATC recorders intended for the FIS market
3. PC-based recorders utilising specialist software (interim measure)

Financial impact of equipment and associated maintenance:

'FIS' recording solution

Generally most ATC recording system producers will produce versions of their products designed for FIS recording. These are generally 'cut down' versions of recorders, which are usually capable of recording one individual channel.

System costs range from £3000 to £5000, with a continued maintenance cost ranging from £350 to £1000 depending on the supplier and the contract agreed. Generally parts are not included but this will be down to the agreement in place.

PC-based recorder

As discussed, PC-based recorders may enable a low cost temporary alternative to ATC recorders, assuming that FIS units are willing to accept the associated operational risks and complexities in utilising this type of solution. Approximate cost is broken down below:

Equipment cost

Appropriate PC with suitable performance parameters - £600 to £1500
OS Operating System Licence - £100 to £200
Recording Software Licence - £200 to £600

Ongoing maintenance cost

As outlined in this consultation document, hardware and software would need to be properly maintained. OS and recording software would need to be kept up to date and associated hardware requirements of the software would need to be maintained in line with the developer's requirements.

Backup recording solutions

As outlined in the consultation, appropriate backup recording solutions would need to be available in the event of equipment failure.