

Solid State Data Transfer Unit

DHC-8 100/200/300/400

Aircraft Applicability

- DHC-8-100
- DHC-8-200
- DHC-8-300
- DHC-8-400

Benefits

- Utilizes flash memory technology, adding speed and ease of use to data transfers

STC Kit Content

- SSDTU
- All required wiring
- Installation data package
- Certification documentation

Typical Lead Time

- 4 weeks ARO

Certification Basis

- TC STC #SA09-84
- FAA STC #ST02864NY

The Field Aerospace designed STC kit for the installation of the Universal Avionics Solid State Data Transfer Unit (SSDTU) allows the user to replace the existing aircraft DTU (either floppy or Zip drive) with a solid state unit. With Zip drives becoming increasingly difficult to procure and repair, the SSDTU represents the next generation of data upload/download equipment.

The SSDTU incorporates high speed USB and SD memory card ports for data transfers, eliminating the issues experienced with Zip disks. The SSDTU appears as a network file server to other interfaced LRUs and transfers data files between the media ports and the LRU using a high-speed Ethernet data bus connection.

The existing DTU is replaced with a SSDTU. The SSDTU is connected via Ethernet to the FMS system and compatible with the following FMS versions:

- Universal Avionics UNS-1C+
- Universal Avionics UNS-1E and 1Ew
- Universal Avionics UNS-1F and 1Fw

The SSDTU is certified to FAA TSO-C109 and meets EASA ETSO-C109 certification criteria.



Delivery

Typical lead time is approximately 4 weeks ARO.