

Air Operable Door

DHC-8 100/200/300

Aircraft Applicability

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

Benefits

- Accurate paratrooper dispatch
- Life saving and SAR equipment deployment

STC Kit Content

- Fuselage air deflector
- Internal open/close handle
- Non-slip flooring
- Crew safety line
- Internal AOD liner material
- Installation data package
- Certification documentation

Typical Lead Time

- 16 weeks ARO

Certification Basis

- TC STC #SA06-21
- FAA STC #ST320NY
- EASA STC

The Field Aerospace designed Air Operable Door (AOD) STC kit allows special mission operators to open the aft cargo door in flight.



The AOD utilizes the existing inward-opening, plug-type OEM cargo door, which is modified to add an internal handle for opening and closing the door. Other modifications include an attachment point for two crew members, non-slip flooring and a fuselage mounted air deflector.

The DHC-8 T-tail empennage allows for clear delivery of paratroopers or equipment exiting the aircraft.

The AOD measures 50" (1.27m) wide by 60" (1.52m) high for easy egress of personnel or equipment.

To complement the AOD, life raft launchers can also be provided for accurate deployment of life rafts and Search and Rescue (SAR) equipment.

Delivery

Typical lead time is approximately 16 weeks ARO.

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