

Aircraft Evaluation Division Duties and Responsibilities-

As a part of the Flight Standards Service (AFS) Organization, the Aircraft Evaluation Division, AFS-100 (AED) contributes an operational perspective to engineering activities and identifies applicable operating regulations. Aviation Safety inspectors assigned to the AED specialize in operations, maintenance or avionics. In certification projects, a primary responsibility of the AED is to evaluate, as appropriate:

- Aircraft, engine or propeller and associated systems for operational relevance
- Flight crew type rating requirements (Flight Standardization Board)
- Minimum equipment required for dispatch (Flight Operations Evaluation Board)
- Continued airworthiness (Maintenance Review Board)
- Review and acceptance of Instructions for Continued Airworthiness (ICAs)

Through the evaluation processes conducted by the AED, manufacturers of affected Aircraft Certification Offices (ACOs) are made aware of operating rules that might impact design so they can deliver a service-ready aircraft, engine or propeller. The AED provides consultation, coordination, and assistance to the certification project managers in certification programs and development of Airworthiness Directives (ADs). Among other things, the AED also participate, as required, in developing guidance for:

- Aging aircraft
- Cargo operation
- Flight crew sleeping quarters