



LEARJET

Thrust Reverser Deactivation Kit

FAA Approved (STC ST02635AT)

This STC is applicable to the Learjet 35, 35A, 36 and 36A.

138-pound reduction in aircraft empty weight and lower ongoing maintenance costs.

TruAtlantic Mfg has developed a Supplemental Type Certificate for the deactivation of Aeronca thrust reversers installed on Lear 35 and 36 series aircraft.

With this STC, operators have the option of permanently deactivating thrust reversers, thereby reducing aircraft empty weight and lowering on-going maintenance costs.

The afterbody (the aft most segment of the nacelle that contains the aft nozzle and blocker doors) was originally mounted to dual translating beams. During TR deployment, the afterbody translated aft as the two blocker doors moved into the closed position. This diverted the airflow into the exposed cascade system.

Under this STC modification, the thrust reverser cascades, pneumatic actuators, pneumatic latches, pinions, piggy back levers and associated hardware that formerly translated the afterbody and opened the blocker doors are removed. The associated electrical wiring and/or pneumatic supply lines are capped and stowed. New mounting beams are installed into the existing bearings. The beams and afterbody are locked into the stowed position, fully immobilizing the system.

