AD/BEECH 36/35 Turbocharger Inlet Assembly 10/90 Amdt 1

Applicability: All model A36TC or B36TC aircraft fitted with Teledyne Continental Motors (TCM) TSIO-520-UB engine.

Requirement: Inspect TCM P/N 642668, welded turbocharger inlet assembly for cracks especially in the weld joint just above the turbine inlet temperature boss. If a crack is found, replace P/N 642668 with P/N 646795 turbocharger inlet assembly before further flight, in accordance with Beechcraft Service Communique No 70.

Note 1: FAA AD 89-24-03 Amdt 39-6386 refers.

Note 2: To assist with identification, the 646795 assembly has 2 ribs approx 6 mm (0.25 inches) in height, 2.5 mm (0.1 inches) in width and 53 mm (2.1 inches) in length on top of the turbocharger mating flange.

Note 3: If P/N 642668 is not installed no further action is required.

Compliance: Before initial issue of a Certificate of Airworthiness. Thereafter reinspect at each inspection for issue of a Maintenance Release.

Background: The welded joints of the turbo charger inlet assembly have been found cracked. Exhaust leaks in this area have the potential to cause serious damage resulting in possible engine failure and/or fire.

Amendment 1 corrects typographical errors in Note 2 of the original issue.