

UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



FAA
Aviation Safety

No.: [2023-S20220531034]

Date: January 12, 2023

<http://www.faa.gov/aircraft/safety/programs/sups/upn>

AFFECTED PRODUCTS

Aviation articles manufactured by Advanced Materials Technologies LLC (AMT) were sold to Advanced Engineering Products (AEP) and subsequently distributed by AEP. The parts were manufactured and distributed for installation on Federal Aviation Administration (FAA) type-certificated products from March 2019, to July 2022. The table below lists the applicable Honeywell article (part) numbers and corresponding nomenclature:

Article Nomenclature	Article Number
Shroud, Compressor Wheel, Third Stage	3070292-4
Support, Nozzle	3074007-1
Seal and Seal Housing, Air-Oil, Stationary	3071966-5

PURPOSE

This notification advises all aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and distributors of the referenced articles manufactured by AMT and sold/distributed by AEP, for installation on FAA type-certificated products (Honeywell TFE731-2 engines) without an FAA production approval.

BACKGROUND

Information discovered during an FAA Suspected Unapproved Parts (SUP) investigation beginning on June 15, 2022, revealed AMT, formerly located at 2002 East Watkins Street, Phoenix, AZ 85034 (currently located at 7030 W. Oakland Street Ste. 103, Chandler, Arizona 85226) manufactured and sold to AEP, located at 13800 SW 142nd Ave, Unit 12, Miami, FL 33186-7313, for distribution and subsequent installation on FAA type-certificated products without the approval and authorization of the FAA. Neither AMT nor AEP is approved FAA production approval holders.

The articles manufactured by AMT, and distributed by AEP, should not be serialized or identified with Honeywell manufacturing/part markings. The articles will be identified with part numbers.

RECOMMENDATIONS

FAA regulations require that all type-certificated products conform to their FAA-approved type design and be in a condition for safe operation. The FAA encourages aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and distributors to inspect their aircraft and/or aircraft parts inventory for any articles produced and/or sold by AMT or distributed by AEP. If these articles (parts) are found within the existing inventory, the FAA recommends that they be quarantined to prevent installation until a determination can be made regarding their eligibility for installation, or replaced with FAA-approved articles.

FURTHER INFORMATION

You may obtain further information concerning this investigation from the FAA Manufacturing Inspection District Office (MIDO) Section below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the above-referenced articles from any source, the means used to identify the source, and the actions taken to remove the articles from the aircraft and/or parts inventories.

This notice originated from the FAA Phoenix MIDO Section, located at 17777 N. Perimeter Dr. Suite 103, Scottsdale, AZ 85255, Telephone (480) 284-4450 or Central Mailbox 9-AVS-AIR874@faa.gov.