

UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



FAA
Aviation Safety

No.: 2025-S20201210013

Date: 02/24/2025

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

AFFECTED PRODUCTS

Environmental systems articles manufactured and/or distributed by Seamech International, Inc. (Seamech), now known as Bascom Hunter Technologies, Inc. (Bascom), for installation on the Federal Aviation Administration (FAA) type-certificated Eclipse Aerospace, Inc., Model EA500 airplanes.

PURPOSE

This notification advises all aircraft owners, operators, manufacturers, maintenance organizations, and parts suppliers and distributors of Eclipse Aerospace, Inc., aircraft environmental systems articles manufactured and/or distributed by Seamech and Bascom, without FAA production approval.

BACKGROUND

Information discovered during an FAA Suspected Unapproved Parts (SUP) investigation revealed that between January 2019 and August 2023, Seamech and Bascom, located at 7110 W Augusta Ave. Glendale, Arizona 85303, produced and sold numerous environmental system articles for installation on Eclipse Aerospace, Inc., Model EA500 airplanes, without the approval and authorization of the FAA or Eclipse Aerospace, Inc., the FAA approved design holder.

The environmental system articles produced and sold by Seamech and Bascom may have these characteristics:

1. They were sold without an FAA Form 8130-3, Authorized Release Certificate, Airworthiness Approval Tag issued by FAA approved design holder Eclipse Aerospace, Inc.
2. The certification and shipping documents were issued by Seamech International, Inc. or Bascom Hunter Technologies, Inc., and not by the FAA approved design and production approval holder Eclipse Aerospace, Inc.
3. They were not marked with the letters "FAA-PMA".

The table below lists the applicable Eclipse Aerospace, Inc. article (part) numbers and corresponding nomenclature:

Part Number	Nomenclature
0826055	Thermal Expansion Valve
0857499	Receiver Dryer Assembly
2150005	Cabin Temperature Sensor Assembly
2188119	Condenser Fan Assembly
2188123	Assy, Fwd. Evaporator Module
2188125	Assy, Aft Evaporator Module
2188555	Controller Assembly, Twin Pack
2188567-1	Compressor Assembly, Twin Pack, Direct Drive Scroll, Left, Eclipse 500
2188567-2	Compressor Assembly, Twin Pack, Direct Drive Scroll, Right, Eclipse 500
2188571	Integrated Twin Pack Compressor Pallet
2199017	Actuator Assembly
7179051	Solenoid Valve

RECOMMENDATIONS

FAA regulations require that type-certificated products conform to their type design. The FAA encourages aircraft owners, operators, manufacturers, maintenance organizations, and parts suppliers and distributors to inspect their aircraft and/or aircraft parts inventory for any Seamech International, Inc., or Bascom Hunter Technologies, Inc., supplied environmental system articles. If these articles are found in existing inventory, the FAA recommends that they be quarantined to prevent installation until a determination can be made regarding their eligibility for installation.

FURTHER INFORMATION

You may obtain further information concerning this investigation from the FAA Certificate Management Section below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the above referenced environmental system articles from any source, the means used to identify the source, and the actions taken to remove the environmental system articles from the aircraft and/or parts inventories.

This notification originated from the FAA San Antonio Certificate Management Section, 10100 Reunion Place Suite 650, San Antonio, TX 78216; telephone 210-308-3360; E-mail; 9-AVS-863CMS@faa.gov.