

UNAPPROVED PARTS NOTIFICATION

Flight Standards Service



FAA
Aviation Safety

No.: 2014-20130403005

Date: July 8, 2014

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

AFFECTED PRODUCTS

Aircraft components approved for return to service by Dukes Aerospace Incorporated.

PURPOSE

The purpose of this notification is to advise all aircraft owners, operators, manufacturers, maintenance organizations, and parts suppliers and distributors regarding improper maintenance performed on aircraft components.

BACKGROUND

Information received during a Federal Aviation Administration (FAA) Suspected Unapproved Parts (SUP) investigation revealed between March 2011 and March 2013 Dukes Aerospace Incorporated, located at 9060 Winnetka Avenue, Northridge, CA 91324, improperly maintained, overhauled, and approved for return to service various aircraft articles (listed later in this document) which were manufactured by Dukes Incorporated/Dukes Aerospace Incorporated contrary to the regulations. Dukes Aerospace Incorporated holds FAA Air Agency Certificate No. 1DUR590B with Accessory Class 1 and 2 Ratings.

Evidence indicates that Dukes Aerospace Incorporated approved aircraft articles for return to service that were not maintained in compliance with the manufacturer's maintenance manuals or other data acceptable to the FAA. Discrepancies include, but are not limited to the following: (1) approving articles for return to service without using methods techniques and practices acceptable to the Administrator (2) converting and/or modifying aircraft components without using approved data.

RECOMMENDATIONS

Regulations require that type-certificated products conform to their type design. Aircraft owners, operators, manufacturers, maintenance organizations, and parts suppliers and distributors should inspect their aircraft, aircraft records, and/or articles inventories for aircraft components approved for return to service by Dukes Aerospace Incorporated. Appropriate action should be taken if any referenced affected articles have been installed on an aircraft. If any existing inventory includes these affected articles, the FAA recommends that you quarantine the affected articles to prevent installation on an aircraft until a determination can be made regarding eligibility for installation.

FURTHER INFORMATION

Further information concerning this investigation, and guidance regarding these affected articles, can be obtained from the FAA Flight Standards District Office (FSDO) given below. The FAA would appreciate any information concerning the discovery of the referenced affected articles, the means used to identify the source, and the actions taken to remove the affected articles from aircraft and/or stock.

This notice originated from the FAA Van Nuys FSDO, 16501 Sherman Way, Suite 330, Van Nuys, CA 91406, telephone (818) 904-6291, fax (818)-786-9732.

Below is a partial list of parts manufactured by Dukes Incorporated / Dukes Aerospace Incorporated that were approved for return to service by Dukes Aerospace Incorporated.

PARTIAL LIST OF PARTS

Description	Part Number	Serial Number
Actuator Assembly	1892-00-1	23
Bi-level Flow Control Valve	5547-00-1	21
Bi-level Flow Control Valve	5547-00-1	140
Bi-level Flow Control Valve	5547-00-1	238
Bi-level Flow Control Valve	5547-00-1	494
Bi-level Flow Control Valve	5547-00-1	130
Bi-level Flow Control Valve	5547-00-1	255
Bi-level Flow Control Valve	5547-00-1	385
Bleed Air Valve	1878-00-1	137
Blower Assembly	1163-00-1	1813
Check Valve	1553-00-18	459
Check Valve	1553-00-18	1075
Check Valve	1553-00-18	992
Check Valve	1553-00-18	338
Check Valve	1553-00-18	328
Check Valve	1553-00-18	1187
Check Valve	1553-00-18	2216
Check Valve	1553-00-18	591
Check Valve	1553-00-18	875
Check Valve	1553-00-18	3296
Check Valve	1553-00-18	522
Check Valve	1553-00-18	500
Cross Assembly	5267-00-3	1099
Flow Control Valve	1991-00-1	9
Fuel Boost Pump	5173-00-3RX	27
Fuel Boost Pump	5173-00-3	274
Fuel Boost Pump	5173-00-3RX	162
Fuel Boost Pump	5173-00-3RX	128
Fuel Boost Pump	5173-00-3	125
Fuel Boost Pump	1499-00-19	2910
Fuel Boost Pump	1499-00-19	3440
Fuel Boost Pump	1499-00-19	3439
Fuel Boost Pump	1499-00-21	3438
Fuel Boost Pump	1499-00-19	2542
Fuel Boost Pump	1499-00-19	3006
Fuel Boost Pump	1499-00-21	175
Fuel Boost Pump	1499-00-21	354

Fuel Boost Pump	1499-00-19	2199
Fuel Boost Pump	1499-00-21	551
Fuel Boost Pump	1499-00-19	3441
Fuel Boost Pump	5173-00-3	189
Fuel Boost Pump	1499-00-19	7216
Fuel Boost Pump	1499-00-19	793
Fuel Boost Pump	1149-00-1	211
Fuel Boost Pump	1429-00-1	630
Fuel Boost Pump	1429-00-1	581
Fuel Selector Valve	1908-00-1	679
Fuel Selector Valve	1908-00-1	681
Fuel Shutoff Valve	1496-00-1	722
Fuel Shutoff Valve	1496-00-1	1435
Fuel Valve	1879-00-1	301
Outflow Valve	4663-00	1033
Outflow Valve	5412-00-3	303
Rate Controller	1111-00-1	186
Rate Controller	1111-00-1	250
Rate Controller	1111-00-1	172
Rate Controller	1111-00-1	138
Rate Controller	1029-00-3	260
Rate Controller	1029-00-3	351
Rate Controller	4344-00-72	487
Rate Controller	1111-00-1	561
Rate Controller	1512-00-1	115
Rate Controller	111-00-1	367
Rate Controller	4664-00-3	148
Rate Controller	4344-00	275
Shutoff Valve	1987-00-1	7
Shutoff Valve	1987-00-1	10
Shutoff Valve	1987-00-1	9
Shutoff Valve	5724-00-1	9
Shutoff Valve	5724-00-1	21
Shutoff Valve	5724-00-1	89
Shutoff Valve	5724-00-1	52
Shutoff Valve	5724-00-1	125
Solenoid Valve	3385-00-3	1909
Solenoid Valve	3385-00-3	1889
Solenoid Valve	3385-00-3	749
Solenoid Valve	3300-00-3	1057
Solenoid Valve	3300-00-3	1295
Solenoid Valve	3300-00-3	1182
Solenoid Valve	3302-00-3	870