



GE Power Aeroderivative Gas Turbines

SERVICE LETTER
Original Instructions

SL-LM6000-IND-16-001
July 29, 2016

INFORMATION

GE PROPRIETARY INFORMATION

The information contained in this document is GE proprietary information and is disclosed in confidence. It is the property of GE and shall not be used, disclosed to others, or reproduced without the express written consent of GE, including, but without limitation, it is not to be used in the creation, manufacture, development, or derivation of any repairs, modifications, spare parts, designs, or configuration changes or to obtain FAA or any government or regulatory approval to do so. If consent is given for reproduction in whole or in part, this notice and the notice set forth on each page of this document shall appear in any such reproduction in whole or in part. The information contained in this document may also be controlled by U.S. export control laws. Unauthorized export or re-export is prohibited.

Copyright (2016) General Electric Company, U.S.A.

SUBJECT: LM6000 Bleed Valve Reliability Improvement

APPLICABLE PRODUCTS: LM6000 Models PA, PB, PC, PD, and PF

BACKGROUND

Customers have reported bleed valve reliability issues with the thrust balance, CDP, & stage 8 Honeywell bleed valves. The Honeywell valves are experiencing position error faults and oil leaks. The thrust balance valve is applicable to engine models PA through PF, but is eliminated by Service Bulletins SB187 (PAU-PC) and SB234 (PD-PF) and has been replaced with an orifice plate. Customers have the option to eliminate the thrust balance valve via these service bulletins or to return the valve for repair. The CDP valve and the stage 8 valves are applicable for PB, PD, and PF engines only.

There are 2 options to upgrade your Honeywell valves.

1. Replace the current Honeywell valves with the new Meggitt valves
2. Have your Honeywell valves repaired at Score. Contact Score at:

CLASSIFICATION: X INFORMATION INSPECTION OTHER



GE Power
Aeroderivative Gas Turbines

SERVICE LETTER

SL-LM6000-IND-16-001

July 29, 2016

Score **Energy Limited**

Intelligent Gas Turbine Solutions™

Ian M. Cheyne Building, Glen Test Facility,
Wellbank, Peterhead, AB42 3GL, Scotland
Tel No: +44 (0) 1779 482 300

Eric Stott
Customer Support Manager
Email: eric.stott@score-group.com
Direct: +44 (0) 1779 482 396
Mob: +44 (0) 7984 336 531
Fax: +44 (0) 1779 482 399

All production engines starting with 192557 (PF) and 192338 (PD) have the new Meggitt valve. However, the Meggitt valves will be in limited supply to support the field until late 2016. GE has been working with Score to provide a repair to achieve a more reliable valve. The Score repaired Honeywell valves have exhibited improved reliability. With the improved reliability of the Score repaired valves, GE recommends customers have their current Honeywell valves repaired by Score if they are unable to get new or choose not to purchase new Meggitt valves.

Note: Score is approved to be an authorized repair source for the Honeywell valves by both Honeywell and GE.

Part numbers for reference.

	<u>Honeywell</u>	<u>Meggitt</u>
CDP	L47329P05 (2.5 in)	L59091P05
Thrust Bal	L47328P02 (4.0 in)	L59090P02
Stg 8	L47330P04 (6.0 in)	L59092P03

GE PROPRIETARY INFORMATION - Subject to the restrictions on the cover or first page.

CLASSIFICATION: INFORMATION INSPECTION OTHER



GE Power
Aeroderivative Gas Turbines

SERVICE LETTER

SL-LM6000-IND-16-001

July 29, 2016

RECOMMENDATION

GE recommends customers' have their current Honeywell valves repaired by Score if they are unable to get or choose not to purchase new Meggitt valves.

GE PROPRIETARY INFORMATION - Subject to the restrictions on the cover or first page.

CLASSIFICATION: INFORMATION INSPECTION OTHER



LM DLE Bleed Valve SB Upgrades

New approved
GE Part Numbers:



Supplier
Power & Water

Honeywell



2.5" Valve
From: L47329P04 / P05
To: 4013754-002P01

Exclusive Upgrade Source



4" Valve
From: L47328P02
To: 4013753-025P01

Upgrades Approved by
General Electric and
Honeywell



6" Valve
From: L47330P03 / P04
To: 4013753-026P01

Proven Upgrades - Over 3.5
million cycles and hundreds
of units fielded

Fully Warranted

Recommended Maintenance Interval: Every 25,000 Fired Hours / 3 Years

For more information on this and other capabilities please contact:

energycustomersupport@score-group.com



Locations



Score Energy Limited
Intelligent Gas Turbine Solutions™
www.score-energy.com



Score Energy Limited
Ian M. Cheyne Building, Glen Test Facility
Wellbank, Peterhead
Aberdeenshire, United Kingdom
AB42 3GL

Tel: +44 (0) 1779 482 300
Email: energycustomersupport@score-group.com

Revision 00