

**T-107 Alert Service Bulletin**

<b>Subject:</b>	Possible Accelerated Corrosion
<b>Part Number(s):</b>	EH23037413
<b>Installation(s):</b>	Rolls Royce 250-B17F, B17F/1, B17F/2, C20, C20B, C20C, C20F, C20J, C20S, C20W, C20R, C20R/1
<b>Revision History:</b>	Rev. IR – Initial Release Rev. A - Updated Timken to EXTEX Engineered Products.
<b>NOTE: On 10-20-15, Timken Alcor Aerospace Technologies, Inc. (TAATI) was acquired by Kaman Corporation and renamed EXTEX Engineered Products, Inc.</b>	
<b>Reason:</b>	Timken Alcor Aerospace Technologies, Inc (TAATI) has identified that some PT Outer Shafts may have had nickel plate under the Aseal removed during rework. A PT Outer Shaft with missing or impaired nickel plate is more susceptible to corrosion damages.
 <b>WARNING</b> <b><i>Failure to follow the terms of this Alert Service Bulletin, and operating the PT Outer Shaft with excessive corrosion may result in premature failure, which may cause engine damage and/or in-flight shutdown, creating risk of serious bodily injury or death.</i></b>	
<b>Description:</b>	This service bulletin is intended to inform owners/operators about affected serial numbers and inspection instructions for the PT Outer Shafts.
<b>Applicability:</b>	Part Number EH23037413 starting with SN SG8-602 through SN SG8-1454 inclusive.
<b>Accomplishment Instructions:</b>	<p><b>At next access, but no later than the next Heavy Maintenance Interval (1750 hour TSO) or next Overhaul, whichever comes first:</b></p> <p>Refer to the applicable Type Certificate Holder's (Rolls Royce) published data for instructions for engine disassembly, cleaning, inspection, rework, assembly, operation, and testing.</p> <ol style="list-style-type: none"> <li>1) Access the PT Outer Shaft</li> <li>2) Inspect the Aseal coated areas for loss of Aseal coating due to corrosion pitting in accordance with the OHM.</li> <li>3) Repair or replace the shaft if corrosion pitting through the Aseal exceeds the OHM limits (0.005 deep in spherical dimples, 0.010 deep everywhere else).</li> </ol>
<b>Approval:</b>	This document is FAA approved.
<b>Notes:</b>	Please contact your TAATI representative with any questions.

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