

T-102 SERVICE BULLETIN

Subject:	Engine, Compressor Assy – Removal of No. 2 Bearing
Extex Part Number(s):	23009670TA
Engine Application(s):	Rolls Royce 250-C30, C30P, C30M, C30S, C30G, C30G/2
Revision History:	Rev. A dated 7/28/11 Rev. B dated 2/08/16 Updated Timken to EXTEX Engineered Products.

REASON:

To inform all owners/operators of a recommended removal of the No. 2 bearing due to similarity to the Type Certificate Holder (TCH) No. 2 bearing design. The TCH (Rolls Royce) is offering a redesigned No. 2 bearing with increased moment load capability (ref. TCH CEB # 72-3285).

The No. 2 bearing has been identified as the cause of five compressor failures as of the date of this bulletin. These failures occurred during certain aircraft maneuvers which lead to a loss of power. In one instance the loss of power resulted in a hard landing causing aircraft damage and injuries.

Although none of the incidents involved Extex PMA articles, the Extex PMA design is similar to that of the TCH, which necessitates this action.

DESCRIPTION:

This service bulletin provides instructions for removal and return of P/N 23009670TA.

APPLICABILITY:

This service bulletin is applicable to P/N 23009670TA bearings with the following eight (8) serial numbers:

- TA19-0510001 through TA19-0510008 inclusive

COMPLIANCE:

To be complied with at next access.

ACCOMPLISHMENT INSTRUCTIONS:

Condition Code	Condition	Accomplishment Instructions
Condition 1	The No. 2 bearing has not been installed.	Do not install bearing. Contact Extex customer service and obtain a RMA number. Return the bearing to Extex.
Condition 2	The bearing is accessed at an FAA approved repair station.	<ol style="list-style-type: none"> 1) Remove PMA approved No. 2 bearing (P/N 23009670TA) and install TCH recommended No. 2 bearing (P/N M250-10354) or other FAA approved equivalent. 2) Record compliance with this service bulletin in the applicable section of the engine log book. Recommend the entry to include the part number and serial number of the PMA approved bearing. 3) Contact Extex customer service and obtain a RMA number. Return the bearing to Extex.
Condition 3	The No. 2 bearing is removed for any other reason.	Contact Extex customer service and obtain a RMA number. Return the bearing to Extex.

APPROVAL:

This document is FAA Approved.