

January 30, 2007

**TO ALL EXEC 162F OWNERS with
ACIS EQUIPPED ENGINES**

ADVISORY BULLETIN A-42

Subject: ACIS Idler Pulley System

History: The ACIS system (supercharger) has been offered on the Exec 162F model since 1999. Over 200 of the ACIS systems have been delivered throughout the world. The ACIS system is intended to make use of the engine's sea level performance at higher altitudes.

The supercharger is driven by a "V" belt from the engine pulley. The belt supplied is a very good quality automotive belt that until recently has been manufactured in the USA, but is now made in Mexico. Many brands of this design belt have been tested, and this one seems to be the best choice. There have been some early failures of this belt since it has been made in Mexico, but it is RotorWay's belief that there are other forces that have led to the early failures, and that they are not only due to where the belt was manufactured. Belt oscillation, belt tension and supercharger alignment can all affect the service of the belt.

Action: In order to reduce the chances of a belt failure, RotorWay has developed an idler pulley system that reduces belt oscillations and insures the supercharger is in proper alignment with the engine pulley. This allows for additional belt contact with the pulleys and for much easier belt tension adjustment. The ACIS Idler Kit, part number E38-7000, can be ordered from our parts department if you do not have a local dealer.

