

May 15, 1992

TO ALL EXEC BUILDERS

EXEC ADVISORY SERVICE BULLETIN A-10

History: Two EXEC airframes have had the vertical support tube E10-3160 and E10-3170 fatigue and crack in half.

WHEN THESE AIRFRAME TUBES CRACK IN HALF, THE AIRFRAME SEPARATES AND REMAINS HELD TOGETHER ONLY BY THE GAS TANK STRAP. THE FRAME WILL OPEN ENOUGH THAT THE PILOT WILL LOSE CONTROL OF THE ROTOR SYSTEM. THE BLADES WILL GO TO POSITIVE PITCH THAT IS UNCORRECTABLE BY THE PILOT.

Both EXEC aircraft with airframe failures were involved in extensive trailering. This cannot be isolated as the only cause for fatigue but may certainly accelerate the condition.

Action: Installation of tubes E10-3145 and E10-3155 is strongly recommended for all EXEC airframes. These formed 1 inch diameter tubes are designed to improve the stress distribution on several sections of the airframe.

We recommend the removal of all paint around the modification area. After the welding is complete, use a thin coat of a light color single part paint to facilitate airframe crack inspection.

The formed tubes with See-Do instructions are available from RotorWay International.

Note: This advisory bulletin was previously issued to all Exec owners as bulletin A-02 on April 4, 1991.

