



Aviation Technical Bulletin

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FOLLOW ENGINE MANUFACTURERS ' COLD-STARTING PROCEDURE

February's record-setting cold wave in the sunbelt states forced many operators to contend with a normally unfamiliar problem: cold starts. As a result, there were isolated occurrences of oil filter element damage caused by the rapid surge of cold, thick engine oil through the filter.

Engine manufacturers generally recommend that engines exposed to temperatures of 20°F or below be pre-heated prior to start. This reduces the amount of cranking energy necessary to turn the engine, improves ignition and helps restore the oil to normal viscosity.

Certain aircraft engines require specific procedures for cold weather operation. We encourage you to contact the engine manufacturer if you are unaware of the proper cold weather technique for your engine.

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