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Date: May 2, 2024

Subject: ERA24LA139 Transfer Collar Test

On May 2, 2024, the NTSB conducted a test of the transfer collar on the engine for N59MK. The engine remained attached to the airframe and the propeller governor was previously removed for additional testing. The test plate was secured to the propeller governor pad. Using a differential pressure gauge, 80PSI was applied to the governor oil pressure port. According to the manufacturer, engines using a transfer collar, minimum differential is 30/80. The oil pressure port maintained 42PSI when 80PSI was applied.