

Daytona Aircraft Services, Inc.

Discrepancy & Corrective Action Compliance Form

Date: 6/09/2014		Aircraft No.: N5524L		W/O# : 8612	
Date Discovered: 06/06/2014		Discovered By: Operator		Date Corrected: 06/09/2014	
Discrepancy: Engine lost 400 RPM on Takeoff.				Corrective Action: Aircraft engine was inspected for proper operation in accordance with Cessna C-172 maintenance manual chapter 71-00-01 (rev 18). It was determined during the course of the inspection that all parameters of engine operation were within published limitations and that there were no indications of low or otherwise abnormal power. RPM during static run up was within the published 2300-2400 RPM range. The magneto drops were within the limitations published in the C-172 Approved Pilot's Operating Handbook, section 4-1, of no more than 150 RPM loss when operating on either magneto alone and no more than a 50 RPM differential between the two losses. The engine cowling was removed and a visual inspection of the engine was performed. The spark plugs and ignition harness were inspected for security, routing, and chafing and were found to be secure, properly routed, and undamaged. The magnetos were visually inspected for security and damage and found to be secured properly to the engine and undamaged. The fuel injection lines and injectors were visually inspected for security, damage, and leakage and found to be properly secured, undamaged, and no leaks were observed. The induction system was visually inspected for security and leakage and was found to be properly secured and no leaks were observed. Aircraft cowling was reinstalled and the aircraft was returned to service.	
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