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# SERVICE INSTRUCTION

DATE: May 23, 2019

Service Instruction No. 1573A  
(Supersedes Service Instruction No. 1573)

Engineering Aspects are  
FAA Approved

SUBJECT: Lycoming TEO-540 Engine Series Engine Control Unit (ECU) Assembly  
Cross-References

MODELS AFFECTED: Refer to Table 1

TIME OF COMPLIANCE: As Required for Inspection/Maintenance/Replacement

REASON FOR REVISION: Added New Row to Table 1 for TEO-540-C1A, Superseded Prior Information.

**NOTICE:** Incomplete review of all the information in this document can cause errors. Read the entire Service Instruction to make sure you have a complete understanding of the requirements.

This Service Instruction identifies ECUs for specific, currently available Lycoming engine models. Table 1 identifies the approved Lycoming ECU models, ECU assembly part numbers, and software Cyclic Redundancy Check (CRC) number cross-references for corresponding Lycoming engine models.

For information regarding the method to verify that the proper software is loaded on the ECU and operating properly, please see the information provided with the Field Service Tool (FST), in the latest revision of the Field Service Tool User Manual & Troubleshooting Guide (SSP-118) or the applicable engine maintenance manual. The latest revision of SSP-118 and the applicable engine maintenance manual are available on the Technical Publications Tab at [www.Lycoming.com](http://www.Lycoming.com).

**Table 1**  
**Lycoming Engine ECU Cross-Reference**

Engine Model	ECU Model	ECU Assembly Part Number	Calibration Data Table	CRC Values (Primary)	CRC Values (Secondary)
TEO-540-A1A	ACU-100	60B29062	92N100334	*E6318B4B **9077BEAA ***E8982DCE	*E6318B4B **9077BEAA ***D58C89FB
TEO-540-C1A	ACU-100	60B29098	92N100451	*E6318B4B **9077BEAA ***7EB341BE	*E6318B4B **9077BEAA ***035A1952
TEO-540-C1A	ACU-100	60B29156	92N100711	*E6318B4B **7EB09B7B ***32084B49	*E6318B4B **7EB09B7B ***67956A84

\* Boot Code, \*\* Application Code, \*\*\* Calibration Code

Information shown as [REDACTED] has been superseded and is shown for reference only.



ISSUED			REVISED			PAGE NO.	REVISION
MO	DAY	YEAR	MO	DAY	YEAR	1 of 1	A
01	11	19	05	23	19		