

**FEDERAL AVIATION ADMINISTRATION (FAA) APPROVED MODEL LIST (AML) SA01142SE  
FOR  
INSTALLATION OF MERLYN PRODUCTS, INC. MODEL 290 AND 300 TURBOCHARGER SYSTEM  
ISSUE DATE: November 12, 2002**

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TC NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED MASTER DRAWING LIST		INSTALLATION INSTRUCTIONS		AIRPLANE FLIGHT MANUAL SUPPLEMENT		AML REV DATE
					Drawing	Revision*	Number	Revision*	Number	Date*	
1.	Twin Commander	500B, 500S, 500U (See Note 1)	6A1	CAR 3	37-TDL-32	F	MPi Report, 37-32-01	Revision H, dated 2/2/10	37-32-AFMS	Revision A, dated 11/17/03	9/24/12
2.	Twin Commander	500B, 500S, 500U (See Note 2)	6A1	CAR 3	37-TDL-33	F	MPi Report, 37-33-01	Revision G, dated 2/24/12	37-33-AFMS	Revision A, dated 11/17/03	9/24/12
3.	Twin Commander	500B, 500S, 500U (See Note 1)	6A1	CAR 3	37-TDL-32	F	MPi Report, 37-32-01	Revision H, dated 2/2/10	37-32-GW-AFMS	Revision B, dated 6/16/06	9/24/12

\* Or later FAA Approved Revision

NOTE 1: Only aircraft with two (2) Lycoming IO-540-E1A5 or two (2) Lycoming IO-540-E1B5 engines installed are eligible for modification.

NOTE 2: Only aircraft with two (2) Lycoming IO-540-M1C5 engines installed in accordance with Merlyn Products Inc. STC SA00169SE or two (2) Lycoming IO-540-M1A5 engines installed in accordance with a separate FAA installation approval are eligible for modification.

**FAA Approved:** \_\_\_\_\_

Acting Manager, Seattle Aircraft  
Certification Office

**AMENDED:** 4/3/03; 11/19/03; 6/8/06; 1/31/07; 9/24/12

**REISSUED:**