



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Southwest Region  
Arkansas, Louisiana,  
New Mexico, Oklahoma,  
Texas

Manufacturing Inspection District Office  
2601 Meacham Blvd., SW MIDO-42  
Ft. Worth, Texas 76137-4298

Mr. Les Staples  
President  
Sky-Tec Partners, Ltd.  
350 Howard Clemmons Rd.  
Granbury, TX 76048

Dear Mr. Staples:

FEDERAL AVIATION ADMINISTRATION (FAA) - PARTS MANUFACTURER  
APPROVAL (PMA)

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), Part 21, Certification Procedures for Products and Parts, subpart K, the FAA has found that the design data, based on a Test and Computations submitted by Sky-Tec Partners, Ltd., with your letter dated August 8, 2008, meet the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, the FAA has determined that Sky-Tec Partners, Ltd., has established the fabrication inspection system required by § 21.303(h) at 350 Howard Clemmons Rd., Granbury, Texas 76048. Accordingly, PMA is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 1, Revision 2.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval, dated December 22, 1997, also apply to the enclosed PMA Listing-Supplement No. 1, Revision 2. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

Bruce E. Cain  
Acting Manager, Manufacturing Inspection District Office  
SW MIDO-42

Enclosure:  
PMA Listing-Supplement No. 1, Revision 2

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

Sky-Tec Partners, Ltd.  
 350 Howard Clemmons Road  
 Granbury, Texas 76048

PMA No. PQ0852W  
 Supplement No. 1  
 Revision No. 2  
 Project No. PM8982SC-E

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Starter	122-12HT	76210, LW-16207, 31A21210, 31A22102, 31A22106, 31A22112, 31A22361, 31A22473	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 10122, Rev M, dated 2/1/07, & MDL 10000, Rev B, dated 6/7/07, or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	69953, 76210, 31A22473	“	Lycoming Division AVCO Corporation	O-290-A, -AP, -B, -C, -CP, D, -D2, -D2A, -D2B, -D2C
“	“	69953, 76210, 31A21210, 31A22102, 31A22106, 31A22112, 31A22361, 31A22473	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	31A22475, 31B23590	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A
“	“	31A21210, 31A22102, 31A22106, 31A22112	“	Lycoming Engines An Operating Division of AVCO Corporation	O-360-A1A, -A1AD, - A1C, -A1D, -A1F, - A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, - A1H6, -A1LD, -A1P, - A2A, -A2D, A2E, -A2F, - A2G, A2H, -A3A, - A3AD, A3D, -A4A, - A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, - B2A, -B2B, B2C, -C1A, - C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, - C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, - E2BD, -F1A6, -G1A6, - J2A
“	“	“	“	“	HO-360-A1A, -B1A, - B1B, -C1A
“	“	“	“	“	HIO-360-A1A, -A1B, - B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, - F1AD, -G1A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, - C1A6D, -E1A6D, - F1A6D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
"	"	"	"	"	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B
"	"	"	"	"	AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B
"	"	"	"	"	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A
"	"	"	"	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, -A3B6, -C1A6D, -E1A6D, F1A6D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	Lycoming Engines An Operating Division of AVCO Corporation	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
“	“	“	“	“	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A
Starter	149-12HT	76211, LW-14207, LW-15571, 31A21198, 31A22100, 31A22104, 31A22110, 31A22470, 31A22473	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 10122, Rev M, dated 2/1/07, & MDL 10000, Rev B, dated 6/7/07, or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	76211, LW-14207, LW-15571, 31A22470, 31A22473	“	Lycoming Division AVCO Corporation	O-290-A, -AP, -B, -C, -CP, D, -D2, -D2A, -D2B, -D2C
“	“	76211, LW-14207, LW-15571, LW-16460, 31A21198, 31A22100, 31A22104, 31A22110, 31A22206, 31A22470, 31A22471, 31A22473, 31A22552	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B
“	“	76211, LW-14207, LW-15571, 31A22470, 31B23592	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A
“	“	76211, LW-14207, LW-15571, 76213, LW-14209, LW-15573, LW-18047, LW-18989, 31A21198, 31A22100, 31A22104, 31A22110, 31A22206, 31A22470, 31A22552	“	Lycoming Engines An Operating Division of AVCO Corporation	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, A2E, -A2F, -A2G, A2H, -A3A, -A3AD, A3D, -A4A, -A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, -B2A, -B2B, B2C, -C1A, -C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, -C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, -E2BD, -F1A6, -G1A6, -J2A
“	“	“	“	“	HO-360-A1A, -B1A, -B1B, -C1A
“	“	“	“	Textron Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B
“	“	“	“	“	AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A
“	“	“	“	Textron Lycoming, Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, -A3B6, -C1A6D, -E1A6D, F1A6D



Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	76211, LW-14207, LW-15571, 31A21198, 31A21210, 31A21198, 31A22100, 31A22104, 31A22470, 31A22110, 31A22470, 31A22552	"	Lycoming Engines An Operating Division of AVCO Corporation	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
“	“	“	“	“	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A
“	“	75699, LW-14211, LW-15575	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4
Starter	122-24HT	69953, LW-16207, 31B21211, 31B22103, 31B22107, 31B22113, 31B22362, 31B23590	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 10122 Rev M, dated 2/1/07 & MDL 10000, Rev B, dated 6/7/07 or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	69953	“	Lycoming Division, AVCO Corporation	O-290-A, -AP, -B, -C, -CP, D, -D2, -D2A, -D2B, -D2C

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	69953, 31B21211, 31B22103, 31B22107, 31B22113, 31B22362, 31B23590, 31B22475	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B,-A2A, -A2B, -A2C,-A2D, -A3A, -A3B,-A3C, -B1A, -B1B,- B2A, -B2B, -B2C, -B2D, -B2E, -B3A,-B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, - D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, - E2B, -E2C, -E2D, -E2F, - E2G, -E2H, -E3D, -E3H, - H1AD, -H1BD, -H2AD, - H2BD, -H3AD, -H3BD
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, - A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, - E1A, -E1B, -E2A, -E2B
“	“	31B22475, 31B23590	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	31B21211, 31B22103, 31B22107, 31B22113, 31B23590, 31B22475	“	“	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, A2E, -A2F, -A2G, A2H, -A3A, -A3AD, A3D, -A4A, -A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, -B2A, -B2B, B2C, -C1A, -C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, -C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, -E2BD, -F1A6, -G1A6, -J2A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, - A3B6, -C1A6D, -E1A6D, F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	AEIO-360-A1A, -A1B, - A1B6, -A1E6, -A1C, - A1D, -A1E, -A2A, A2B, - A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, - B2F6, -B1H, -B4A, - H1A, -H1B
“	“	31B21211, 31B22103, 31B22107, 31B22113, 31B23590, 31B22475	“	“	O-540-A1A, -A1A5, - A1B5, -A1C5, -A1D, - A1D5, -A2B, -A3D5, - A4A5, -A4B5, -A4C5, - A4D5, -B1A5, -B1B5, - B1D5, -B2A5, -B2B5, - B2C5, -B4A5, -B4B5, - D1A5, -E4A5, -E4B5, - E4C5, -F1A5, -F1B5, - G1A5, -G2A5, -H1A5, - H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, - J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, - J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A
"	"	"	"	"	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
"	"	"	"	"	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	77879, 31B22462, LW-12787	“	Textron Lycoming Subsidiary of Textron, Inc.	IO-720-A1A, -A1B, -A1BD, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C, -D1CD
Starter	149-24HT	31B23592, 31B21064, 31B22101, 31B22105, 31B22111, 31B22476	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 10122 Rev M, dated 2/1/07 & MDL 10000, Rev B, dated 6/7/07 or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	76212, LW-14208, LW-15572, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B
“	“	76212, LW-14208, LW-15572, 31B23592	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	76212, LW-14208, LW-15572, 76214, LW-14210, LW-15574, LW-14447, LW-18990, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	Lycoming Engines An Operating Division of AVCO Corporation	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, A2E, -A2F, -A2G, A2H, -A3A, -A3AD, A3D, -A4A, -A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, -B2A, -B2B, B2C, -C1A, -C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, -C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, -E2BD, -F1A6, -G1A6, -J2A
“	“	“	“	“	HO-360-A1A, -B1A, -B1B, -C1A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A



Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, - A3B6, -C1A6D, -E1A6D, F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	AEIO-360-A1A, -A1B, - A1B6, -A1E6, -A1C, - A1D, -A1E, -A2A, A2B, - A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, - B2F6, -B1H, -B4A, - H1A, -H1B
“	“	76212, LW- 14208, LW- 15572, LW- 11936, LW- 14213, LW- 15577, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	“	O-540-A1A, -A1A5, - A1B5, -A1C5, -A1D, - A1D5, -A2B, -A3D5, - A4A5, -A4B5, -A4C5, - A4D5, -B1A5, -B1B5, - B1D5, -B2A5, -B2B5, - B2C5, -B4A5, -B4B5, - D1A5, -E4A5, -E4B5, - E4C5, -F1A5, -F1B5, - G1A5, -G2A5, -H1A5, - H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, - J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, - J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A
"	"	"	"	"	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
"	"	"	"	"	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	75700, LW-14212, LW-15576	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4
Starter	149-HT /EC	31B23592, 31B21064, 31B22101, 31B22105, 31B22111, 31B22476	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 10122, Rev M, dated 2/1/07, & MDL 10000, Rev B, dated 6/7/07, or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	76212, LW-14208, LW-15572, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B
“	“	76212, LW-14208, LW-15572, 31B23592	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	76212, LW-14208, LW-15572, 76214, LW-14210, LW-15574, LW-14447, LW-18990, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	Lycoming Engines An Operating Division of AVCO Corporation	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, A2E, -A2F, -A2G, A2H, -A3A, -A3AD, A3D, -A4A, -A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, -B2A, -B2B, B2C, -C1A, -C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, -C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, -E2BD, -F1A6, -G1A6, -J2A
“	“	“	“	“	HO-360-A1A, -B1A, -B1B, -C1A
“	“	“	“	Textron Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A
“	“	“	“	Textron Lycoming, Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, -A3B6, -C1A6D, -E1A6D, F1A6D
“	“	76212, LW-14208, LW-15572, LW-11936, LW-14213, LW-15577, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	Lycoming Engines An Operating Division of AVCO Corporation	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A
"	"	"	"	"	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
"	"	"	"	"	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	75700, LW-14212, LW-15576	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4
Starter	122-HT /EC	69953, LW-16207, 31B21211, 31B22103, 31B22107, 31B22113, 31B22362, 31B23590	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 10122 Rev M, dated 2/1/07 & MDL 10000, Rev B, dated 6/7/07 or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	69953	“	Lycoming Division, AVCO Corporation	O-290-A, -AP, -B, -C, -CP, D, -D2, -D2A, -D2B, -D2C
“	“	69953, 31B21211, 31B22103, 31B22107, 31B22113, 31B22362, 31B23590, 31B22475	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	31B22475, 31B23590	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A
“	“	31B21211, 31B22103, 31B22107, 31B22113, 31B23590, 31B22475	“	“	O-360-A1A, -A1AD, - A1C, -A1D, -A1F, - A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, - A1H6, -A1LD, -A1P, - A2A, -A2D, A2E, -A2F, - A2G, A2H, -A3A, - A3AD, A3D, -A4A, - A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, - B2A, -B2B, B2C, -C1A, - C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, - C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, - E2BD, -F1A6, -G1A6, - J2A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, - A1B6, -A1B6D, -A1C, - A1D, -A1D6, -A1D6D, - A2A, -A2B, -A2C, - A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, - B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, - B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, - C1E6, -C1E6D, -C1F, - C1G6, -D1A, -E1A, - F1A, -J1AD, -J1A6D, - K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, - A2A, -A2B, -B1B



Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, -A3B6, -C1A6D, -E1A6D, F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B
“	“	31B21211, 31B22103, 31B22107, 31B22113, 31B23590, 31B22475	“	“	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A
"	"	"	"	"	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
"	"	"	"	"	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	77879, 31B22462, LW- 12787	“	Textron Lycoming/ Subsidiary of Textron, Inc.	IO-720-A1A, -A1B, - A1BD, -B1A, -B1B, - B1BD, -C1B, -C1BD, - D1B, -D1BD, -D1C, - D1CD
Starter	122-12PM	76210, LW- 16207, 31A21210, 31A22102, 31A22106, 31A22112, 31A22361, 31A22473	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 2010, Rev G, dated 5/22/06, & MDL 20100, Rev E, dated 5/20/06, or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, - BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, - F1, -F1B, -F2A, -F2B, - G1, -G1B, -G2A, -G2B, - H2C, -J2A, -J2B, -K2A, - K2B, -K2C, -L2A, -L2C, - M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, - P3C
“	“	76211, LW- 14207, LW- 15571, 31A22470, 31A22473	“	Lycoming Division AVCO Corporation	O-290-A, -AP, -B, -C, - CP, D, -D2, -D2A, -D2B, -D2C
“	“	76211, LW- 14207, LW- 15571, LW- 16460, 31A21198, 31A22100, 31A22104, 31A22110, 31A22206, 31A22470, 31A22471, 31A22473, 31A22252	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, - B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, - D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, - E2B, -E2C, -E2D, -E2F, - E2G, -E2H, -E3D, -E3H, - H1AD, -H1BD, -H2AD, - H2BD, -H3AD, -H3BD
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, - A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, - E1A, -E1B, -E2A, -E2B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	31A22475, 31B23590	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A
“	“	76211, LW- 14207, LW- 15571, 76213, LW-14209, LW-15573, LW-18047, LW-18989, 31A21198, 31A22100, 31A22104, 31A22110, 31A22206, 31A22470, 31A22252	“	Lycoming Engines An Operating Division of AVCO Corporation	O-360-A1A, -A1AD, - A1C, -A1D, -A1F, - A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, - A1H6, -A1LD, -A1P, - A2A, -A2D, A2E, -A2F, - A2G, A2H, -A3A, - A3AD, A3D, -A4A, - A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, - B2A, -B2B, B2C, -C1A, - C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, - C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, - E2BD, -F1A6, -G1A6, - J2A
“	“	“	“	“	HO-360-A1A, -B1A, - B1B, -C1A
“	“	“	“	“	HIO-360-A1A, -A1B, - B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, - F1AD, -G1A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, - C1A6D, -E1A6D, - F1A6D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B
“	“	“	“	“	AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, -A3B6, -C1A6D, -E1A6D, F1A6D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	76211, LW-14207, LW-15571, 31A21198, 31A21210, 31A21198, 31A22100, 31A22104, 31A22470, 31A22110, 31A22470, 31A22552	"	Lycoming Engines An Operating Division of AVCO Corporation	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
“	“	“	“	“	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A
Starter	149-12PM	76211, LW-14207, LW-15571, 31A21198, 31A22100, 31A22104, 31A22110, 31A22470, 31A22473	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 2010, Rev G, dated 5/22/06, & MDL 20100, Rev E, dated 5/20/06, or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	76211, LW-14207, LW-15571, 31A22470, 31A22473	“	Lycoming Division AVCO Corporation	O-290-A, -AP, -B, -C, -CP, D, -D2, -D2A, -D2B, -D2C

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	76211, LW-14207, LW-15571, LW-16460, 31A21198, 31A22100, 31A22104, 31A22110, 31A22206, 31A22470, 31A22471, 31A22473, 31A22552	"	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B,-A2A, -A2B, -A2C,-A2D, -A3A, -A3B,-A3C, -B1A, -B1B,-B2A, -B2B, -B2C, -B2D, -B2E, -B3A,-B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B
"	"	76211, LW-14207, LW-15571, 31A22470, 31B23592	"	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A



Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	76211, LW-14207, LW-15571, 76213, LW-14209, LW-15573, LW-18047, LW-18989, 31A21198, 31A22100, 31A22104, 31A22110, 31A22206, 31A22470, 31A22552	“	Lycoming Engines An Operating Division of AVCO Corporation	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, A2E, -A2F, -A2G, A2H, -A3A, -A3AD, A3D, -A4A, -A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, -B2A, -B2B, B2C, -C1A, -C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, -C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, -E2BD, -F1A6, -G1A6, -J2A
“	“	“	“	“	HO-360-A1A, -B1A, -B1B, -C1A
“	“	“	“	Textron Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A
“	“	“	“	Textron Lycoming, Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, -A3B6, -C1A6D, -E1A6D, F1A6D
“	“	76211, LW-14207, LW-15571, 31A21198, 31A21210, 31A21198, 31A22100, 31A22104, 31A22470, 31A22110, 31A22470, 31A22552	“	Lycoming Engines An Operating Division of AVCO Corporation	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
“	“	“	“	“	HIO-540-A1A
“	“	“	“	“	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
“	“	“	“	“	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	75699, LW-14211, LW-15575	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4
Starter	122-24PM	69953, LW-16207, 31B21211, 31B22103, 31B22107, 31B22113, 31B22362, 31B23590	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 20101 Rev G, dated 5/22/06 & MDL 20100, Rev E, dated 5/20/06 or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	69953	“	Lycoming Division, AVCO Corporation	O-290-A, -AP, -B, -C, -CP, D, -D2, -D2A, -D2B, -D2C
“	“	69953, 31B21211, 31B22103, 31B22107, 31B22113, 31B22362, 31B23590, 31B22475	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	31B22475, 31B23590	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A
“	“	31B21211, 31B22103, 31B22107, 31B22113, 31B23590, 31B22475	“	“	O-360-A1A, -A1AD, - A1C, -A1D, -A1F, - A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, - A1H6, -A1LD, -A1P, - A2A, -A2D, A2E, -A2F, - A2G, A2H, -A3A, - A3AD, A3D, -A4A, - A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, - B2A, -B2B, B2C, -C1A, - C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, - C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, - E2BD, -F1A6, -G1A6, - J2A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, - A1B6, -A1B6D, -A1C, - A1D, -A1D6, -A1D6D, - A2A, -A2B, -A2C, - A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, - B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, - B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, - C1E6, -C1E6D, -C1F, - C1G6, -D1A, -E1A, - F1A, -J1AD, -J1A6D, - K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, - A2A, -A2B, -B1B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, -A3B6, -C1A6D, -E1A6D, F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B
“	“	31B21211, 31B22103, 31B22107, 31B22113, 31B23590, 31B22475	“	“	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A
"	"	"	"	"	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
"	"	"	"	"	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Starter	149-24PM	31B23592, 31B21064, 31B22101, 31B22105, 31B22111, 31B22476	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 20101 Rev G, dated 5/22/06 & MDL 20100, Rev E, dated 5/20/06 or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	76212, LW-14208, LW-15572, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B
“	“	76212, LW-14208, LW-15572, 31B23592	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A



Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	76212, LW-14208, LW-15572, 76214, LW-14210, LW-15574, LW-14447, LW-18990, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	Lycoming Engines An Operating Division of AVCO Corporation	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, A2E, -A2F, -A2G, A2H, -A3A, -A3AD, A3D, -A4A, -A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, -B2A, -B2B, B2C, -C1A, -C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, -C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, -E2BD, -F1A6, -G1A6, -J2A
“	“	“	“	“	HO-360-A1A, -B1A, -B1B, -C1A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, - A3B6, -C1A6D, -E1A6D, F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	AEIO-360-A1A, -A1B, - A1B6, -A1E6, -A1C, - A1D, -A1E, -A2A, A2B, - A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, - B2F6, -B1H, -B4A, - H1A, -H1B
“	“	76212, LW- 14208, LW- 15572, LW- 11936, LW- 14213, LW- 15577, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	“	O-540-A1A, -A1A5, - A1B5, -A1C5, -A1D, - A1D5, -A2B, -A3D5, - A4A5, -A4B5, -A4C5, - A4D5, -B1A5, -B1B5, - B1D5, -B2A5, -B2B5, - B2C5, -B4A5, -B4B5, - D1A5, -E4A5, -E4B5, - E4C5, -F1A5, -F1B5, - G1A5, -G2A5, -H1A5, - H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, - J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, - J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A
					AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
"	"	"	"	"	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	75700, LW-14212, LW-15576	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4
Starter	122-12LS	69953, LW-16207, 31B21211, 31B22103, 31B22107, 31B22113, 31B22362, 31B23590	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 2010, Rev G, dated 5/22/06, & MDL 20100, Rev E, dated 5/20/06, or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	69953	“	Lycoming Division AVCO Corporation	O-290-A, -AP, -B, -C, -CP, D, -D2, -D2A, -D2B, -D2C
“	“	69953, 31B21211, 31B22103, 31B22107, 31B22113, 31B22362, 31B23590, 31B22475	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	31B22475, 31B23590	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A
“	“	31B21211, 31B22103, 31B22107, 31B22113, 31B23590, 31B22475	“	Lycoming Engines An Operating Division of AVCO Corporation	O-360-A1A, -A1AD, - A1C, -A1D, -A1F, - A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, - A1H6, -A1LD, -A1P, - A2A, -A2D, A2E, -A2F, - A2G, A2H, -A3A, - A3AD, A3D, -A4A, - A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, - B2A, -B2B, B2C, -C1A, - C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, - C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, - E2BD, -F1A6, -G1A6, - J2A
“	“	“	“	“	HO-360-A1A, -B1A, - B1B, -C1A
“	“	“	“	“	HIO-360-A1A, -A1B, - B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, - F1AD, -G1A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, - C1A6D, -E1A6D, - F1A6D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B
“	“	“	“	“	AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B
“	“	31B21211, 31B22103, 31B22107, 31B22113, 31B23590, 31B22475	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, -A3B6, -C1A6D, -E1A6D, F1A6D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D
“	“	“	“	“	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
“	“	“	“	“	HIO-540-A1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
“	“	“	“	“	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A
Starter	149-12LS	76211, LW-14207, LW-15571, 31A21198, 31A22100, 31A22104, 31A22110, 31A22470, 31A22473	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 2010, Rev G, dated 5/22/06, & MDL 20100, Rev E, dated 5/20/06, or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	76211, LW-14207, LW-15571, 31A22470, 31A22473	“	Lycoming Division AVCO Corporation	O-290-A, -AP, -B, -C, -CP, D, -D2, -D2A, -D2B, -D2C



Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	76211, LW-14207, LW-15571, LW-16460, 31A21198, 31A22100, 31A22104, 31A22110, 31A22206, 31A22470, 31A22471, 31A22473, 31A22552	"	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B
"	"	76211, LW-14207, LW-15571, 31A22470, 31B23592	"	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	76211, LW-14207, LW-15571, 76213, LW-14209, LW-15573, LW-18047, LW-18989, 31A21198, 31A22100, 31A22104, 31A22110, 31A22206, 31A22470, 31A22552	“	Lycoming Engines An Operating Division of AVCO Corporation	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, A2E, -A2F, -A2G, A2H, -A3A, -A3AD, A3D, -A4A, -A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, -B2A, -B2B, B2C, -C1A, -C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, -C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, -E2BD, -F1A6, -G1A6, -J2A
“	“	“	“	“	HO-360-A1A, -B1A, -B1B, -C1A
“	“	“	“	Textron Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A
“	“	“	“	Textron Lycoming, Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, -A3B6, -C1A6D, -E1A6D, F1A6D
“	“	76211, LW-14207, LW-15571, 31A21198, 31A21210, 31A21198, 31A22100, 31A22104, 31A22470, 31A22110, 31A22470, 31A22552	“	Lycoming Engines An Operating Division of AVCO Corporation	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A
"	"	"	"	"	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
"	"	"	"	"	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	75699, LW-14211, LW-15575	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4
Starter	122-24LS	69953, LW-16207, 31B21211, 31B22103, 31B22107, 31B22113, 31B22362, 31B23590	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 20101 Rev G, dated 5/22/06 & MDL 20100, Rev E, dated 5/20/06 or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	69953	“	Lycoming Division, AVCO Corporation	O-290-A, -AP, -B, -C, -CP, D, -D2, -D2A, -D2B, -D2C
“	“	69953, 31B21211, 31B22103, 31B22107, 31B22113, 31B22362, 31B23590, 31B22475	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	31B22475, 31B23590	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A
“	“	31B21211, 31B22103, 31B22107, 31B22113, 31B23590, 31B22475	“	“	O-360-A1A, -A1AD, - A1C, -A1D, -A1F, - A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, - A1H6, -A1LD, -A1P, - A2A, -A2D, A2E, -A2F, - A2G, A2H, -A3A, - A3AD, A3D, -A4A, - A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, - B2A, -B2B, B2C, -C1A, - C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, - C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, - E2BD, -F1A6, -G1A6, - J2A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, - A1B6, -A1B6D, -A1C, - A1D, -A1D6, -A1D6D, - A2A, -A2B, -A2C, - A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, - B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, - B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, - C1E6, -C1E6D, -C1F, - C1G6, -D1A, -E1A, - F1A, -J1AD, -J1A6D, - K2A, -L2A, -M1A, -M1B
“	“	“	“	“	AIO-360-A1A, -A1B, - A2A, -A2B, -B1B

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	“	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, -A3B6, -C1A6D, -E1A6D, F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B
“	“	31B21211, 31B22103, 31B22107, 31B22113, 31B23590, 31B22475	“	“	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A
"	"	"	"	"	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
"	"	"	"	"	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A



Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Starter	149-24LS	31B23592, 31B21064, 31B22101, 31B22105, 31B22111, 31B22476	Test and Computation per 14 CFR § 21.303. Sky-Tec Dwg 20101 Rev G, dated 5/22/06 & MDL 20100, Rev E, dated 5/20/06 or later FAA-approved revisions.	Lycoming Engines An Operating Division of AVCO Corporation	O-235, -A, -A1, -AP, -B, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C
“	“	76212, LW-14208, LW-15572, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	Lycoming Engines An Operating Division of AVCO Corporation	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD
“	“	“	“	“	IO-320-A1A -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A
“	“	“	“	“	AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B
“	“	“	“	“	AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B
“	“	76212, LW-14208, LW-15572, 31B23592	“	Lycoming Division AVCO Corporation	O-340-A1A, A2A, B1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	76212, LW-14208, LW-15572, 76214, LW-14210, LW-15574, LW-14447, LW-18990, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	"	Lycoming Engines An Operating Division of AVCO Corporation	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, A1G6, -A1G6D, A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, A2E, -A2F, -A2G, A2H, -A3A, -A3AD, A3D, -A4A, -A4AD, A4D, -A4G, -A4J, A4K, -A4M, -A4N, A4P, -A5AD, -B1A, B1B, -B2A, -B2B, B2C, -C1A, -C1C, C1E, -C1F, -C1G, C2A, -C2B, -C2C, C2D, -C2E, -C4P, -C4F, -D1A, -D2A, D2B, -E1AD, E1A6D, -E2AD, E1BD, -E2BD, -F1A6, -G1A6, -J2A
"	"	"	"	"	HO-360-A1A, -B1A, -B1B, -C1A
"	"	"	"	AVCO Lycoming Williamsport Division AVCO Corporation	TO-360-A1A6D, C1A6D, -E1A6D, -F1A6D
"	"	"	"	Lycoming Engines An Operating Division of AVCO Corporation	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B
"	"	"	"	"	AIO-360-A1A, -A1B, -A2A, -A2B, -B1B
"	"	"	"	"	HIO-360-A1A, -A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, -G1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	“	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-360-A1A, -A1B, - A3B6, -C1A6D, -E1A6D, F1A6D
“	“	“	“	Lycoming Engines An Operating Division of AVCO Corporation	AEIO-360-A1A, -A1B, - A1B6, -A1E6, -A1C, - A1D, -A1E, -A2A, A2B, - A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, - B2F6, -B1H, -B4A, - H1A, -H1B
“	“	76212, LW- 14208, LW- 15572, LW- 11936, LW- 14213, LW- 15577, 31B23592, 31B22207, 31B21064, 31B22101, 31B22105, 31B22111	“	“	O-540-A1A, -A1A5, - A1B5, -A1C5, -A1D, - A1D5, -A2B, -A3D5, - A4A5, -A4B5, -A4C5, - A4D5, -B1A5, -B1B5, - B1D5, -B2A5, -B2B5, - B2C5, -B4A5, -B4B5, - D1A5, -E4A5, -E4B5, - E4C5, -F1A5, -F1B5, - G1A5, -G2A5, -H1A5, - H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, - J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, - J1C5D, -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D

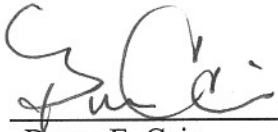
Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
"	"	"	"	"	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AC2A5, -AE1A5
"	"	"	"	"	HIO-540-A1A
"	"	"	"	"	AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5
"	"	"	"	"	TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
“	“	75700, LW-14212, LW-15576	“	AVCO Lycoming Williamsport Division AVCO Corporation	TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4

-----End of Listing-----

## NOTE:

- 1) Provide Minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.



Bruce E. Cain  
Acting Manager, Manufacturing Inspection District  
Office,  
SW-MIDO-42

3/2/09  
Date

This Supplement is an attachment to your FAA-PMA approval letter dated December 22, 1997.