

AIRCRAFT APPLICATION DATA GUIDE

This guide provides a means to identify the applicability of the starters as they may pertain to certain aircraft, rotorcraft, and engines. The data compiled herein is to be used to help identify the specific installation on which the E Drive starter (ERB-8011, ERB-8012, ERZ-8011, and the ERZ-8012) may be applied. This application guide is listed in three categories. The aircraft/rotorcraft applications, engine applications, and vendor applications. The aircraft/rotorcraft are listed alphabetically by manufacturer and model designation followed by the engine applications and then the vendor data. The vendor listing is basically a cross reference by engine model series.

CAUTION:

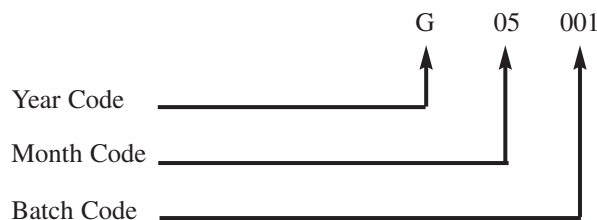
The manufacturer has identified the potential applications of the E Drive series starter in this guide. Not all aircraft, rotorcraft, or engines that currently exist or may have existed are listed in this application guide. While these starters are direct replacements for existing starter installations, unforeseen changes or modifications in an aircraft/rotorcraft or engine may necessitate modification to structure or may not allow installation. If you can not determine or if any difficulty occurs in installation, the applicable manufacturer of your aircraft/rotorcraft or engine must be contacted.

General

Model Identification

ERB-8011 (24 Volt - 12/14 pitch gear) 9T	ERB-8012 (24 Volt - 10/12 pitch gear) 9T
ERZ-8011 (12 Volt - 12/14 pitch gear) 9T	ERZ-8012 (14 Volt - 10/12 pitch gear) 9T

Serial number Identification



Example above: 2006, May, first unit of the month (batch)
(E drive starter serial numbers start in the year 2006.)

Application Guide*

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* At the time of printing, some of the starter models listed may not have been introduced into production and may not be available for sale.

**AIRCRAFT
APPLICATION DATA**

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**AIRCRAFT
APPLICATION DATA**

Model Name	Model Number	Engine Model	Current Starter	E Drive Starter
AERO COMMANDER				
COMMANDER	112, 112A	IO-360-C1D6	MZ-4222 or MZ-6222	ERZ-8011
	112TC	TO-360-C1A6D	MZ-4222 or MZ-6222	ERZ-8011
	114	IO-540-T4A5D	MZ-6222	ERZ-8011
DARTER	100	O-320	MZ-4222 or MZ-6222	ERZ-8011
		O-320-A2B	MZ-4222 or MZ-6222	ERZ-8011
LARK	180	O-360	MZ-4222 or MZ-6222	ERZ-8011
		O-360-A1G6	MZ-4222 or MZ-6222	ERZ-8011
		O-360-A2F	MZ-4222 or MZ-6222	ERZ-8011
SHRIKE	500	O-540-A	MHB-4016 or	ERB-8011
	500B, U, S	IO-540-E1B5	MHB-4016 or MHB-6016	ERB-8011
	700	TIO-540-R2AD	MHB-4016 or MHB-6016	ERB-8011
SPARROW	A9, A9A	O-540	MHB-4016 or MHB-6016	ERB-8011
QUAIL	A9B	IO-540	MHB-4016 or MHB-6016	ERB-8011
AEROSTAR				
	601P	IO-320-D1A	MHB-4016 or MHB-6016	ERB-8011
	602P	IO-360	MHB-4016 or MHB-6016	ERB-8011
	600	IO-540	MHB-4016 or MHB-6016	ERB-8011
	601	IO-540	MHB-4016 or MHB-6016	ERB-8011
BEAGLE				
AIRDALE	D5-160	O-320-B2B	MHB-4016 or MHB-6016	ERB-8011
PUP	200	IO-360-A1C	MHB-4016 or MHB-6016	ERB-8011
	150	O-320-A2A	MZ-4204 or MZ-6204	ERZ-8012
BEECHCRAFT - SINGLE ENGINE SERIES				
MUSKETEER	SPORT III	O-320-A	MZ-4222 or MZ-6222	ERZ-8011
	SPORT III	O-320-E	MZ-4222 or MZ-6222	ERZ-8011
	SUPER III	IO-360-A	MZ-4222 or MZ-6222	ERZ-8011
	SUPER III	IO-360	MZ-4222 or MZ-6222	ERZ-8011
	CUSTOM III	O-360-A	MZ-4222 or MZ-6222	ERZ-8011
	CUSTOM III	O-360-A4G	MZ-4222 or MZ-6222	ERZ-8011
	A23-19, C23	O-360-A	MZ-4222 or MZ-6222	ERZ-8011
	M 23 III	O-320-E	MZ-4222 or MZ-6222	ERZ-8011
	A23, A23A, 23	IO-346-A	MZ-4222 or MZ-6222	ERZ-8011
SIERRA	C-24R	IO-360-A1B, A1D	MZ-4222 or MZ-6222	ERZ-8011
SKIPPER	77	O-235-L2C	MMU-4001 or MMU-6001	ERB-8012

**AIRCRAFT
APPLICATION DATA (CONT'D)**

Model Name	Model Number	Engine Model	Current Starter	E Drive Starter
BEECHCRAFT - TWIN ENGINE SERIES				
DUCHESS	76	O-360-E1A6D	MZ-4222 or MZ-6222	ERZ-8011
DUKE	60, A60, B60 81' - Up	TIO-541-E1A4 TIO-541-G1AD	MHB-4017 MHB-4017	ERB-8011 ERB-8011
TRAVEL AIR	95, B95 D95A, E95	O-360-A1A IO-360-B1B	MHB-4016 or MHB-6016 MHB-4016 or MHB-6016	ERB-8011 ERB-8011
BELLANCA				
CHAMPION	7KCAB, 8KCAB 8GCAB 8KCAE	IO-320-E O-360-C AEIO--360-H1A	MZ-4204 MZ-4222 or MZ-6222 MZ-4222 or MZ-6222	ERZ-8012 ERZ-8011 ERZ-8011
BRANTLY				
	B2 B2B	VO-360 IVO-360-A1A	MHB-4016 or MHB-6016 MZ-4222 or MZ-6222	ERB-8011 ERZ-8011
CESSNA - SINGLE ENGINE SERIES				
CARDINAL	152, F152 177 177A 177GR	O-235-L2C O-360-E O-360-A1F6D IO-360-A1B6D	MMU-4001 MZ-4222 or MZ-6222 MZ-4222 or MZ-6222 MZ-4222 or MZ-6222	ERB-8012 ERZ-8011 ERZ-8011 ERZ-8011
CUTLASS RG	172RG	O-360-F1A6	MHB-4016 or MHB-6016	ERB-8011
SKYHAWK	172A THRU H 172 I, J, K, L, M 172N	O-300-D O-320-E2D O-320-H	MZ-4222 or MZ-6222 MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERZ-8011 ERB-8011
SKYLANE	182	O-540-J3C5D	MHB-4016 or MHB-6016	ERB-8011
CHAMPION				
AGRICULTURE CHALLENGER	7GCBA 7GCA, 7GCB	O-320 7KC	MZ-4222 or MZ-6222 MZ-4204 or MZ-6204	ERZ-8011 ERZ-8012
CHRISTEN				
PITTS SPECIAL	S-1T S-2B S-2S	AEIO-360-A1E AEIO-540-D4A5 AEIO-540-D4A5	MZ-4222R or MZ-6222 MHB-4016R or MHB-6016 MHB-4016R or MHB-6016	ERZ-8011 ERB-8011 ERB-8011

**AIRCRAFT
APPLICATION DATA**

Model Name	Model Number	Engine Model	Current Starter	E Drive Starter
ENSTROM				
	F28, F28A, 280	HIO-360-C	MZ-4222 or MZ-6222	ERZ-8011
	F28B	HIO-360-B2A	MZ-4222 or MZ-6222	ERZ-8011
	G28C, 280C	HIO-360-E1AD	MZ-4222 or MZ-6222	ERZ-8011
	F28E, F28F	IO-360-F1AD	MZ-4222 or MZ-6222	ERZ-8011
FOUND BROS.				
CENTENNIAL	100	IO-720	MHJ-4004	ERB-8012
		IO-540	MHB-4016 or MHB-6016	ERB-8011
FRANKLIN				
		6A-335-B1, B1A	MZ-4203	ERZ-8011
GULFSTREAM AMERICAN				
CHEETAH	AA-5A	O-320-E	MZ-4204 or MZ-6204	ERZ-8012
COUGAR	GA-7	O-320-D	MZ-4222 or MZ-6222	ERZ-8011
TIGER	AA-5B	O-360-A4K	MZ-4222 or MZ-6222	ERZ-8011
TRAVEL/LYNX	AA-1C	O-235-L2C	MZ-4204 or MZ-6204	ERZ-8012
TRAINER	AA-1, 1A, 1B	O-235-C		
HELIO				
	700	TIO-540-J2BD	MHB-4016 or MHB-6016	ERB-8011
	800	IO-720-A1B	MHB-4004	ERB-8012
CABALLERO		O-540-A	MZ-4222 or MZ-6222	ERZ-8011
TWIN		O-540-A	MZ-4222 or MZ-6222	ERZ-8011
TWIN		O-540-A	MHB-4016 or MHB-6016	ERB-8011
HUGHES				
	300, 300C	HIO-360	MZ-4221	ERZ-8011
	TH-55A, 269A, C	HIO-360	MHB-4020	ERB-8011
	YHO-2HL	O-360-C2E	MZ-4222 or MZ-6222	ERZ-8011
LAKE				
	C-1	O-320-A	MZ-4204 or MZ-6204	ERZ-8012
	C-2, LA-4, LA-4A	O-360-A	MZ-4222 or MZ-6222	ERZ-8011
	LA-4-200	IO-360-A-1B6	MZ-4222 or MZ-6222	ERZ-8011
	200EP	IO-360-A1B6	MZ-4222 or MZ-6222	ERZ-8011
	LA-250	IO-540-C4B5	MZ-4222 or MZ-6222	ERZ-8011

**AIRCRAFT
APPLICATION DATA (CONT'D)**

Model Name	Model Number	Engine Model	Current Starter	E Drive Starter
MAULE				
ASTRO ROCKET	M4	6A-335B	MZ-4203	ERZ-8011
	M5-180	O-360-C1F	MZ-4222 or MZ-6222	ERZ-8011
	MX-7-180	O-360-C1F	MZ-4222 or MZ-6222	ERZ-8011
	M5-235, M7-235	O-540-J1A5D	MZ-4222 or MZ-6222	ERZ-8011
	MX-7-235	O-540-W1A5D	MZ-4222 or MZ-6222	ERZ-8011
MOONEY				
BRAVO	M20M	TIO-540-AF1B	MHB-4018 or MHB-6018	ERB-8011
CHAPARRAL	M20E	IO-360-A1D	MZ-4222 or MZ-6222	ERZ-8011
EXECUTIVE	M20F	IO-360-A1A	MZ-4222 or MZ-6222	ERZ-8011
MARK 21	M20A, B, C	O-360-A1D	MZ-4222 or MZ-6222	ERZ-8011
MASTER	M20D	O-360-A2D	MZ-4222 or MZ-6222	ERZ-8011
STATESMAN	M20G	O-360-A1A	MZ-4222 or MZ-6222	ERZ-8011
	M20J-201, 205	IO-360-A3B6D	MZ-4222 or MZ-6222	ERZ-8011
PIPER AIRCRAFT - SINGLE ENGINE SERIES				
ARCHER	PA-28-181	O-360-A4M	MZ-4222 or MZ-6222	ERZ-8011
ARROW	PA-28R-180	IO-360-B1E	MZ-4222 or MZ-6222	ERZ-8011
PA-28R-200	IO-360-C1C		MZ-4222 or MZ-6222	ERZ-8011
BRAVE	PA-36	IO-540-K1G5	MHB-4016 or MHB-6016	ERB-8011
CHALLENGER	PA-28-180	O-360-A3A	MZ-4222 or MZ-6222	ERZ-8011
CHEROKEE	PA-28-140	O-320-E2A	MZ-4222 or MZ-6222	ERZ-8011
PA-28-150	O-320-A2B		MZ-4204 or MZ-6204	ERZ-8012
PA-28-161	O-320-B2B, D3G		MZ-4222 or MZ-6222	ERZ-8011
CHEROKEE SIX	PA-36-260	O-540-E4B5	MZ-4222 or MZ-6222	ERZ-8011
PA-32-300	IO-540-K-1A5	ALU-8521	MHB-4016 or MHB-6016	ERB-8011
COMANCHE	PA-24-250	O-540-A1A	MZ-4222 or MZ-6222	ERZ-8011
	PA-24-260	IO-540-C	MZ-4222 or MZ-6222	ERZ-8011
	PA-24-260	IO-540-B, D, N	MZ-4222 or MZ-6222	ERZ-8011
	PA-24-260 TURBO	IO-540-R1A5	MZ-4222 or MZ-6222	ERZ-8011
DAKOTA	PA-28-236	O-540-J3A5D	MZ-4222	ERZ-8011
LANCE	PA-32-300	IO-540-K1A5D	MZ-4222 or MZ-6222	ERZ-8011
LANCE II	PA-32R-300	IO-540-K1G5D	MZ-4222 or MZ-6222	ERZ-8011
PA-32RT-300	TIO-540-A1AD	MHB-4016 or	MHB-6016	ERB-8011
MIRAGE	PA-46-350-P	TIO-540-AE2A	MHB-4016 or MHB-6016	ERB-8011
PAWNEE	PA-25-260	O-540-G1A5,	MZ-4222 or MZ-6222	ERZ-8011
		O-540-G2A5	MZ-4222 or MZ-6222	ERZ-8011

**AIRCRAFT
APPLICATION DATA**

Model Name	Model Number	Engine Model	Current Starter	E Drive Starter
PIPER AIRCRAFT - SINGLE ENGINE SERIES (Cont'd)				
SARATOGA	PA-32-301	IO-540-A1AD	MZ-4222 or MZ-6222	ERZ-8011
	PA-32-301T	TIO-540-S1AD	MZ-4222 or MZ-6222	ERZ-8011
	PA-32R-301	IO-540-K1G5D	MZ-4222 or MZ-6222	ERZ-8011
	PA-32R-301T	TIO-540-S1AD	MZ-4222 or MZ-6222	ERZ-8011
TURBO SARATOGA	PA-32R-301T	TIO-540-AH1A	MHB-4016 or MHB-6016	ERB-8011
	TOMAHAWK	PA-38	O-235-L2C	ERZ-8012
TRI-PACER	PA-22-135	O-290-2D	MZ-4204 or MZ-6204	ERZ-8012
	PA-22-150	O-320-A2A, A2B	MZ-4204 or MZ-6204	ERZ-8012
	PA-22-160	O-320-B2A	MZ-4204 or MZ-6204	ERZ-8012
PIPER AIRCRAFT - TWIN ENGINE SERIES				
APACHE	PA-23-150	O-320-A	MZ-4204 or MZ-6204	ERZ-8012
	PA-23-160	O-320-B	MZ-4204 or MZ-6204	ERZ-8012
	PA-23-235	O-540-B	MZ-4222 or MZ-6222	ERZ-8011
AZTEC	PA-23-C TURBO	IO-540-J4A5	MHB-4016 or MHB-6016	ERB-8011
	PA-23-C, D, E, F	TIO-540-C1A	MZ-4222 or MZ-6222	ERZ-8011
CHIEFTAIN	PA-31-350-CR	TIO-540-J2BD	MHB-4016 or MHB-6016	ERB-8011
		LTIO-540-J2BD	MHB-4014 or MHB-6014	N/A
MOJAVE	PA-31P-350	TIO-540-B2AD	MHB-4018 or MHB-6018	ERB-8011
		LTIO-540-V2AD	MHB-4014 or MHB-6014	N/A
NAVAJO	PA-31-300	IO-540-M	MHB-4016 or MHB-6016	ERB-8011
	PA-31-310	TIO-540-A2C	MHB-4018 or MHB-6018	ERB-8011
	PA-31-325-CR	TIO-540-F2BD	MHB-4018 or MHB-6018	ERB-8011
		LTIGO-540-F2BD	MHB-4014 or MHB-6014	N/A
PIPER AEROSTAR	PA-31P	TIGO-541-E1A	MHB-4005	N/A
	PA-60-600A	IO-540-K1J5	MHB-4016 or MHB-6016	ERB-8011
	PA-60-601	IO-540-P1A5	MHB-4016 or MHB-6016	ERB-8011
	PA-60-601B	IO-540-S1A5	MHB-4016 or MHB-6016	ERB-8011
	PA-60-601P	IO-540-S1A5	MHB-4016 or MHB-6016	ERB-8011
	PA-60-602P	IO-540-AA1A5	MHB-4016 or MHB-6016	ERB-8011
	PA-60-700P	TIO-540-U2B	MHB-4016 or MHB-6016	ERB-8011
SEMINOLE	PA-44-180T	TO-360-E1A6D	MZ-4222 or MZ-6222	ERZ-8011
		LTO-360-E1A6D	MZ-4220 or MZ-6220	N/A
SENECA	PA-34	IO-360-1E6	MZ-4222 or MZ-6222	ERZ-8011
	LIO-360-C1E6		MZ-4220 or MZ-6220	N/A
TWIN COMANCHE	PA-30-160 PA-39T-CR	IO-320-B1A	MZ-4222 or MZ-6222	ERZ-8011
		IO-320-C1A	MZ-4222 or MZ-6222	ERZ-8011
		LIO-320-C1A	MZ-4220 or MZ-6220	N/A
		IO-320-B1A	MZ-4222 or MZ-6222	ERZ-8011
		LIO-320-C1A	MZ-4220 or MZ-6220	N/A

**AIRCRAFT
APPLICATION DATA (CONT'D)**

Model Name	Model Number	Engine Model	Current Starter	E Drive Starter
RILEY				
SKYLINER-HERON		IO-540	MHB-4016 or MHB-6016	ERB-8011
ROBINSON				
	R22	O-320-B	MZ-4222 or MZ-6222	ERZ-8011
	R22B	O-360-J	MZ-4222 or MZ-6222	ERZ-8011
ROCKWELL				
	710	TIGO-541-D1B	MHB-4005	N/A
SCHWEIZER				
	269A	HO-360-B	MZ-4222 or MZ-6222	ERZ-8011
	200	HIO-360-B	MZ-4222 or MZ-6222	ERZ-8011
WACO				
METEOR	MK.1	O-540	MHB-4016 or MHB-6016	ERB-8011
WING				
DERRINGER	D-1	IO-320	MZ-4222 or MZ-6222	ERZ-8011

**AIRCRAFT
APPLICATION DATA**

Model Name	Model Number	Engine Model	Current Starter	E Drive Starter
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TEXTRON LYCOMING

	O-235-C1	MZ-4204 or MZ-6204	ERZ-8012
	O-235-C1B	MZ-4204 or MZ-6204	ERZ-8012
	O-235-C1C	MZ-4204 or MZ-6204	ERZ-8012
	O-235-C2A	MZ-4204 or MZ-6204	ERZ-8012
	O-235-F2A	MZ-4204 or MZ-6204	ERZ-8012
	O-235-F2B	MZ-4204 or MZ-6204	ERZ-8012
	O-235-H2C	MZ-4204 or MZ-6204	ERZ-8012
	O-235-J2A	MZ-4204 or MZ-6204	ERZ-8012
	O-235-K2A	MZ-4204 or MZ-6204	ERZ-8012
	O-235-K2B	MZ-4204 or MZ-6204	ERZ-8012
	O-235-K2C	MZ-4204 or MZ-6204	ERZ-8012
	O-235-L2A	MZ-4204 or MZ-6204	ERZ-8012
		MMU-4001 or MMU-6001	ERB-8012
	O-235-L2C	MZ-4204 or MZ-6204	ERZ-8012
		MMU-4001 or MMU-6001	ERB-8012
	O-235-M1	MZ-4204 or MZ-6204	ERZ-8012
	O-235-N2A	MZ-4204 or MZ-6204	ERZ-8012
	O-235-N2C	MMU-4001 or MMU-6001	ERB-8012
	O-235-P2A	MZ-4204 or MZ-6204	ERZ-8012
	O-290-D	MZ-4204 or MZ-6204	ERZ-8012
		MZ-4222 or MZ-6222	ERZ-8011
	O-290-D2	MZ-4204 or MZ-6204	ERZ-8012
		MZ-4222 or MZ-6222	ERZ-8011
	O-290-D2B	MZ-4204 or MZ-6204	ERZ-8012
		MZ-4222 or MZ-6222	ERZ-8011
	O-290-D2C	MZ-4204 or MZ-6204	ERZ-8012
	AEIO-320-E1B	MZ-4204 or MZ-6204	ERZ-8012
	AEIO-320-E2B	MZ-4204 or MZ-6204	ERZ-8012
	AIO-320-B1B	MZ-4222 or MZ-6222	ERZ-8011
		MHB-4016 or MHB-6016	ERB-8011
	AIO-320-C1B	MZ-4222 or MZ-6222	ERZ-8011
	IO-320-B1A	MZ-4222 or MZ-6222	ERZ-8011
	IO-320-B1C	MZ-4222 or MZ-6222	ERZ-8011
	IO-320-C1A	MZ-4222 or MZ-6222	ERZ-8011
	IO-320-D1A	MHB-4016 or MHB-6016	ERB-8011
		MZ-4222 or MZ-6222	ERZ-8011
	IO-320-E1A	MZ-4204 or MZ-6204	ERZ-8012
	IO-320-E1B	MZ-4204 or MZ-6204	ERZ-8012
	IO-320-E2A	MZ-4222 or MZ-6222	ERZ-8011
		MZ-4204 or MZ-6204	ERZ-8012
	IO-320-E2B	MZ-4204 or MZ-6204	ERZ-8012
	O-320-A2A	MZ-4204 or MZ-6204	ERZ-8012
		MZ-4222 or MZ-6222	ERZ-8011
		MHB-4016 or MHB-6016	ERB-8011

**AIRCRAFT
APPLICATION DATA (CONT'D)**

Model Name	Model Number	Engine Model	Current Starter	E Drive Starter
TEXTRON LYCOMING (CONTINUED)				
	O-320-A2B		MZ-4204 or MZ-6204 MZ-4222 or MZ-6222 MZ-4224 or MZ-6224	ERZ-8012 ERZ-8011 ERZ-8011
	O-320-A2C		MZ-4204 or MZ-6204 MZ-4222 or MZ-6222 MZ-4224 or MZ-6224	ERZ-8012 ERZ-8011 ERZ-8011
	O-320-A2D		MZ-4204 or MZ-6204 MZ-4222 or MZ-6222	ERZ-8012 ERZ-8011
	O-320-A3A		MZ-4204 or MZ-6204 MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8012 ERZ-8011 ERB-8011
	O-320-A3B		MZ-4204 or MZ-6204 MZ-4222 or MZ-6222	ERZ-8012 ERZ-8011
	O-320-A3C		MZ-4204 or MZ-6204 MZ-4222 or MZ-6222	ERZ-8012 ERZ-8011
	O-320-B2A		MZ-4204 or MZ-6204 MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8012 ERZ-8011 ERB-8011
	O-320-B2B		MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
	O-320-B2C		MZ-4204 or MZ-6204 MZ-4222 or MZ-6222 MZ-4224 or MZ-6224	ERZ-8012 ERZ-8011 ERZ-8011
	O-320-B3A		MZ-4204 or MZ-6204 MZ-4222 or MZ-6222	ERZ-8012 ERZ-8011
	O-320-B3B		MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
	O-320-B3C		MZ-4222 or MZ-6222	ERZ-8011
	O-320-D1A		MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
	O-320-D1D		MZ-4222 or MZ-6204	ERZ-8011
	O-320-D1F		MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
	O-320-D2A		MZ-4222 or MZ-6222 MHB-4016 or MHB-6016 MZ-4204 or MZ-6204	ERZ-8011 ERB-8011 ERZ-8012
	O-320-D2B		MZ-4222 or MZ-6222 MZ-4204 or MZ-6204	ERZ-8011 ERZ-8012
	O-320-D2C		MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
	O-320-D2G		MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
	O-320-D2J		MHB-4016 or MHB-6016	ERB-8011
	O-320-D3G		MZ-4222 or MZ-6222	ERZ-8011
	O-320-E1A		MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011

**AIRCRAFT
APPLICATION DATA**

Model Name	Model Number	Engine Model	Current Starter	E Drive Starter
TEXTRON LYCOMING (CONTINUED)				
	O-320-E1F		MZ-4222 or MZ-6222	ERZ-8011
	O-320-E2A		MZ-4204 or MZ-6204	ERZ-8012
			MZ-4222 or MZ-6222	ERZ-8011
			MHB-4016 or MHB-6016	ERB-8011
	O-320-E2B		MZ-4204 or MZ-6204	ERZ-8012
			MZ-4222 or MZ-6222	ERZ-8011
	O-320-E2C		MZ-4222 or MZ-6222	ERZ-8011
	O-320-E2D		MHB-4016 or MHB-6016	ERB-8011
			MZ-4222 or MZ-6222	ERZ-8011
	O-320-E2F		MZ-4222 or MZ-6222	ERZ-8011
	O-320-E2G		MZ-4222 or MZ-6222	ERZ-8011
	O-320-E2H		MZ-4222 or MZ-6222	ERZ-8011
	O-320-E3D		MZ-4204 or MZ-6204	ERZ-8012
			MZ-4222 or MZ-6222	ERZ-8011
	O-320-E3H		MZ-4204 or MZ-6204	ERZ-8012
			MZ-4222 or MZ-6222	ERZ-8011
	O-320-H2AD		MZ-4222 or MZ-6222	ERZ-8011
			MHB-4016 or MHB-6016	ERB-8011
	O-340 Series		MZ-4222 or MZ-6222	ERZ-8011
			MHB-4016 or MHB-6016	ERB-8011
	AEIO-360-A1E		MZ-4222 or MZ-6222	ERZ-8011
	AEIO-360-B1G6		MZ-4222 or MZ-6222	ERZ-8011
	AEIO-360-H1A		MZ-4222 or MZ-6222	ERZ-8011
	AIO-360-A1A		MZ-4222 or MZ-6222	ERZ-8011
			MHB-4016 or MHB-6016	ERB-8011
	AIO-360-A1B		MZ-4222 or MZ-6222	ERZ-8011
			MHB-4016 or MHB-6016	ERB-8011
	AIO-360-B1B		MZ-4222 or MZ-6222	ERZ-8011
			MHB-4016 or MHB-6016	ERB-8011
	HIO-360-A1A		MZ-4226 or MZ-6226	ERZ-8011
			MHB-4020	ERB-8011
	HIO-360-B1A		MZ-4226 or MZ-6226	ERZ-8011
			MHB-4020	ERB-8011
	HIO-360-C1A		MZ-4222 or MZ-6222	ERZ-8011
	HIO-360-C1B		MZ-4222 or MZ-6222	ERZ-8011
	HIO-360-D1A		MZ-4226 or MZ-6226	ERZ-8011
			MHB-4020	ERB-8011
	HIO-360-E1AD		MZ-4225	ERZ-8011
	HIO-360-E1BD		MZ-4225	ERZ-8011
	HIO-360-F1AD		MZ-4222 or MZ-6222	ERZ-8011
			MZ-4225	ERZ-8011
	HO-360-B1A		MZ-4226 or MZ-6226	ERZ-8011
	HO-360-B1B		MZ-4226 or MZ-6226	ERZ-8011
	IO-360-A1A		MZ-4222 or MZ-6222	ERZ-8011
			MHB-4016 or MHB-6016	ERB-8011

AIRCRAFT ENGINE APPLICATION DATA

Engine Model	Current Starter	E Drive Starter
TEXTRON LYCOMING (CONTINUED)		
IO-360-A1B	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-360-A1B6	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-360-A1B6D	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-360-A1C	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-360-A1D	MZ-4222 or MZ-6222	ERZ-8011
IO-360-A1D6	MZ-4222 or MZ-6222	ERZ-8011
IO-360-A2A	MZ-4222 or MZ-6222	ERZ-8011
IO-360-A2B	MZ-4222 or MZ-6222	ERZ-8011
IO-360-A3A	MZ-4222 or MZ-6222	ERZ-8011
IO-360-A3B6D	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-360-B1B	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-360-B1D	MZ-4222 or MZ-6222	ERZ-8011
IO-360-B1E	MZ-4222 or MZ-6222	ERZ-8011
IO-360-B1F	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-360-B2F	MZ-4222 or MZ-6222	ERZ-8011
IO-360-B2F6	MZ-4222 or MZ-6222	ERZ-8011
IO-360-B4A	MZ-4222 or MZ-6222	ERZ-8011
IO-360-C1A	MHB-4016 or MZ-6016	ERB-8011
IO-360-C1B	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-360-C1C	MZ-4222 or MZ-6222	ERZ-8011
IO-360-C1C6	MZ-4222 or MZ-6222	ERZ-8011
IO-360-C1D6	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-360-C1E6	MZ-4222 or MZ-6222	ERZ-8011
IO-360-C1F	MZ-4222 or MZ-6222	ERZ-8011
IO-360-J1A6D	MZ-4222 or MZ-6222	ERZ-8011
O-360-A1A	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
O-360-A1AD	MHB-4016 or MHB-6016	ERB-8011
O-360-A1C	MZ-4222 or MZ-6222	ERZ-8011
O-360-A1D	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
O-360-A1F6	MZ-4222 or MZ-6222	ERZ-8011
O-360-A1F6D	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
O-360-A1G6	MZ-4222 or MZ-6222	ERZ-8011
O-360-A1G6D	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011

**AIRCRAFT ENGINE
APPLICATION DATA**

	Engine Model	Current Starter	E Drive Starter
TEXTRON LYCOMING (CONTINUED)			
	O-360-A1H6	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A1LD	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A1P	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A2A	MZ-4222 or MZ-6222	ERZ-8011
		MHB-4016 or MHB-6016	ERB-8011
	O-360-A2D	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A2E	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A2F	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A2G	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A3A	MZ-4222 or MZ-6222	ERZ-8011
		MHB-4016 or MHB-6016	ERB-8011
	O-360-A3AD	MZ-4222 or MZ-6222	ERZ-8011
		MHB-4016 or MHB-6016	ERB-8011
	O-360-A4A	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A4G	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A4J	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A4K	MZ-4222 or MZ-6222	ERZ-8011
		MHB-4016 or MHB-6016	ERB-8011
	O-360-A4M	MZ-4222 or MZ-6222	ERZ-8011
	O-360-A5AD	MZ-4222 or MZ-6222	ERZ-8011
	O-360-B2A	MZ-4222 or MZ-6222	ERZ-8011
	O-360-B2C	MHB-4016 or MHB-6016	ERB-8011
	O-360-C1A	MZ-4226 or MZ-6226	ERZ-8011
	O-360-C1C	MHB-4016 or MZ-6016	ERB-8011
		MZ-4226 or MZ-6226	ERZ-8011
	O-360-C1E	MZ-4222 or MZ-6222	ERZ-8011
	O-360-C1F	MZ-4222 or MZ-6222	ERZ-8011
	O-360-C1G	MZ-4222 or MZ-6222	ERZ-8011
	O-360-C2A	MZ-4222 or MZ-6222	ERZ-8011
		MHB-4016 or MHB-6016	ERB-8011
	O-360-C2C	MHB-4016 or MHB-6016	ERB-8011
		MZ-4222 or MZ-6222	ERZ-8011
	O-360-C2D	MZ-4226 or MZ-6226	ERZ-8011
	O-360-C2E	MZ-4222 or MZ-6222	ERZ-8011
	O-360-D2A	MZ-4222 or MZ-6222	ERZ-8011
		MHB-4016 or MHB-6016	ERB-8011
	O-360-D2B	MZ-4222 or MZ-6222	ERZ-8011
	O-360-E1A6D	MZ-4222 or MZ-6222	ERZ-8011
	O-360-F1A6	MHB-4016 or MHB-6016	ERB-8011
	TIO-360-A1B	MHB-4016 or MHB-6016	ERB-8011
	TO-360-C1A6D	MZ-4222 or MZ-6222	ERZ-8011
		MHB-4016 or MHB-6016	ERB-8011
	TO-360-E1A6D	MZ-4222 or MZ-6222	ERZ-8011
	AEIO-540-D4A5	MZ-4222 or MZ-6222	ERZ-8011
		MHB-4016 or MHB-6016	ERB-8011

**AIRCRAFT ENGINE
APPLICATION DATA (CONT'D)**

Engine Model	Current Starter	E Drive Starter
TEXTRON LYCOMING (CONTINUED)		
AEIO-540-D4B5	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
AEIO-540-L1B5	MHB-4016 or MHB-6016	ERB-8011
AEIO-540-L1B5D	MHB-4016 or MHB-6016 MZ-4222 or MZ-6222	ERB-8011 ERZ-8011
IO-540-A1A5	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-540-B1A5	MHB-4016 or MHB-6016	ERB-8011
IO-540-B1C5	MHB-4016 or MHB-6016	ERB-8011
IO-540-C1B5	MZ-4222 or MZ-6222	ERZ-8011
IO-540-C4B5	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-540-C4C5	MZ-4222 or MZ-6222	ERZ-8011
IO-540-C4D5D	MZ-4222 or MZ-6222	ERZ-8011
IO-540-D4A5	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-540-E1A5	MHB-4016 or MHB-6016	ERB-8011
IO-540-E1B5	MHB-4016 or MHB-6016	ERB-8011
IO-540-G1A5	MHB-4016 or MHB-6016 MZ-4222 or MZ-6222	ERB-8011 ERZ-8011
IO-540-G1B5	MHB-4016 or MHB-6016 MZ-4222 or MZ-6222	ERB-8011 ERZ-8011
IO-540-G1C5	MHB-4016 or MHB-6016	ERB-8011
IO-540-G1D5	MHB-4016 or MHB-6016	ERB-8011
IO-540-G1E5	MZ-4222 or MZ-6222	ERZ-8011
IO-540-G1F5	MZ-4222 or MZ-6222	ERZ-8011
IO-540-J4A5	MHB-4016 or MHB-6016 MZ-4222 or MZ-6222	ERB-8011 ERZ-8011
IO-540-K1A5	MHB-4016 or MHB-6016 MZ-4222 or MZ-6222	ERB-8011 ERZ-8011
IO-540-K1A5D	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-540-K1B5	MHB-4016 or MHB-6016 MZ-4222 or MZ-6222	ERB-8011 ERZ-8011
IO-540-K1C5	MHB-4016 or MHB-6016	ERB-8011
IO-540-K1D5	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-540-K1E5	MZ-4222 or MZ-6222	ERZ-8011
IO-540-K1F5	MZ-4222 or MZ-6222 MHB-4016 or MHB-6016	ERZ-8011 ERB-8011
IO-540-K1F5D	MHB-4016 or MHB-6016	ERB-8011
IO-540-K1G5	MHB-4016 or MHB-6016 MZ-4222 or MZ-6222	ERB-8011 ERZ-8011
IO-540-K1G5D	MZ-4222 or MZ-6222	ERZ-8011
IO-540-K1J5	MHB-4016 or MHB-6016	ERB-8011

**AIRCRAFT ENGINE
APPLICATION DATA**

Engine Model	Current Starter	E Drive Starter
TEXTRON LYCOMING (CONTINUED)		
IO-540-K1J5D	MHB-4016 or MHB-6016	ERB-8011
IO-540-K1K5	MHB-4016 or MHB-6016	ERB-8011
IO-540-L1C5	MZ-4222 or MZ-6222	ERZ-8011
	MHB-4016 or MHB-6016	ERB-8011
IO-540-M1A5	MHB-4016 or MHB-6016	ERB-8011
	MZ-4222 or MZ-6222	ERZ-8011
IO-540-N1A5	MZ-4222 or MZ-6222	ERZ-8011
IO-540-P1A5	MHB-4016 or MHB-6016	ERB-8011
IO-540-R1A5	MZ-4222 or MZ-6222	ERZ-8011
IO-540-S1A5	MHB-4016 or MHB-6016	ERB-8011
IO-540-T4A5D	MZ-4222 or MZ-6222	ERZ-8011
IO-540-T4B5	MHB-4016 or MZ-6016	ERB-8011
IO-540-T4B5D	MZ-4222 or MZ-6222	ERZ-8011
IO-540-T4C5D	MHB-4016 or MHB-6016	ERB-8011
IO-540-V4A5D	MHB-4016 or MHB-6016	ERB-8011
IO-540-W1A5D	MZ-4222 or MZ-6222	ERZ-8011
IO-540-W3A5D	MHB-4016 or MHB-6016	ERB-8011
O-540-A1A	MZ-4222 or MZ-6222	ERZ-8011
O-540-A1A5	MZ-4222 or MZ-6222	ERZ-8011
	MZ-4222 or MZ-6222	ERZ-8011
O-540-A1B5	MZ-4222 or MZ-6222	ERZ-8011
	MHB-4018 or MHB-6018	ERB-8011
O-540-A1C5	MZ-4222 or MZ-6222	ERZ-8011
O-540-A1D	MHB-4016 or MHB-6016	ERB-8011
O-540-A1D5	MZ-4222 or MZ-6222	ERZ-8011
	MHB-4016 or MHB-6016	ERB-8011
O-540-A2B	MZ-4222 or MZ-6222	ERZ-8011
	MHB-4016 or MHB-6016	ERB-8011
O-540-A3D5	MHB-4016 or MHB-6016	ERB-8011
O-540-B1A5	MZ-4222 or MZ-6222	ERZ-8011
O-540-B1B5	MZ-4222 or MZ-6222	ERZ-8011
O-540-B2B5	MZ-4222 or MZ-6222	ERZ-8011
	MHB-4016 or MHB-6016	ERB-8011
O-540-B2C5	MZ-4222 or MZ-6222	ERZ-8011
O-540-B4B5	MZ-4222 or MZ-6222	ERZ-8011
O-540-E4A5	MHB-4016 or MHB-6016	ERB-8011
	MZ-4222 or MZ-6222	ERZ-8011
O-540-E4B5	MZ-4222 or MZ-6222	ERZ-8011
	MHB-4016 or MHB-6016	ERB-8011
O-540-E4C5	MHB-4016 or MHB-6016	ERB-8011
O-540-F1A5	MHB-4016 or MHB-6016	ERB-8011
O-540-F1B5	MZ-4222 or MZ-6222	ERZ-8011
O-540-G1A5	MZ-4222 or MZ-6222	ERZ-8011
	MHB-4016 or MHB-6016	ERB-8011
O-540-G2A5	MZ-4222 or MZ-6222	ERZ-8011
	MHB-4016 or MHB-6016	ERB-8011

**AIRCRAFT ENGINE
APPLICATION DATA (CONT'D)**

Engine Model	Current Starter	E Drive Starter
TEXTRON LYCOMING (CONTINUED)		
O-540-H1B5D	MHB-4016 or MHB-6016	ERB-8011
O-540-H2B5D	MHB-4016 or MHB-6016	ERB-8011
O-540-J1A5D	MHB-4016 or MHB-6016	ERB-8011
	MZ-4222 or MZ-6222	ERZ-8011
O-540-J3A5	MZ-4222 or MZ-6222	ERZ-8011
	MHB-4016 or MHB-6016	ERB-8011
O-540-J3A5D	MHB-4016 or MHB-6016	ERB-8011
O-540-J3C5D	MZ-4222 or MZ-6222	ERZ-8011
O-540-L3C5D	MHB-4016 or MHB-6016	ERB-8011
TIO-540-A1A	MHB-4016 or MHB-6016	ERB-8011
TIO-540-A1B	MHB-4016 or MHB-6016	ERB-8011
TIO-540-A2A	MHB-4016 or MHB-6016	ERB-8011
TIO-540-A2B	MHB-4016 or MHB-6016	ERB-8011
TIO-540-A2C	MHB-4016 or MHB-6016	ERB-8011
	MHB-4018 or MHB-6018	ERB-8011
TIO-540-AA1AD	MZ-4222 or MZ-6222	ERZ-8011
	MHB-4016 or MHB-6016	ERB-8011
TIO-540-AB1AD	MZ-4222 or MZ-6222	ERZ-8011
TIO-540-AE2A	MHB-4016 or MHB-6016	ERB-8011
TIO-540-C1A	MZ-4222 or MZ-6222	ERB-8011
	MHB-4016 or MHB-6016	ERB-8011
TIO-540-E1A	MHB-4016 or MHB-6016	ERB-8011
TIO-540-F2BD	MHB-4018 or MHB-6018	ERB-8011
TIO-540-G1A	MZ-4222 or MZ-6222	ERB-8011
TIO-540-H1A	MHB-4016 or MHB-6016	ERB-8011
TIO-540-J2B	MHB-4018 or MHB-6018	ERB-8011
TIO-540-J2BD	MHB-4018 or MHB-6018	ERB-8011
	MZ-4222 or MZ-6222	ERB-8011
TIO-540-N2BD	MHB-4018 or MHB-6018	ERB-8011
TIO-540-R2AD	MHB-4016 or MHB-6016	ERB-8011
	MHB-4018 or MHB-6018	ERB-8011
TIO-540-S1AD	MZ-4222 or MZ-6222	ERB-8011
TIO-540-U2A	MHB-4016 or MHB-6016	ERB-8011
TIO-540-V2AD	MHB-4016 or MHB-6016	ERB-8011
TIGO-541-E1A	MHB-4005	N/A
TIO-541-E1A4	MHB-4017	ERB-8011
TIO-541-E1B4	MHB-4017	ERB-8011
TIO-541-E1C4	MHB-4017	ERB-8011
IO-720-A1A	MHJ-4004	ERB-8012
	MHB-4016A	ERB-8011

**AIRCRAFT VENDOR NUMBER
APPLICATION DATA**

Lycoming Model Number	KAPS Model Number	Engine Series	KAPS Replacement Model Number
76211	MZ-4206	235	ERZ-8011
LW-14207	MZ-4218	235	ERZ-8011
LW-15571	MZ-4222	235	ERZ-8011
LW-15483	MHB-4015	235	ERB-8012
LW-16207	MMU-4001	235	ERB-8012
31A22470	MZ-6222	235	ERZ-8011
31A22472	MZ-6204	235	ERZ-8012
76211	MZ-4206	290	ERZ-8011
LW-14207	MZ-4218	290	ERZ-8011
LW-15571	MZ-4222	290	ERZ-8011
31A22470	MZ-6222	290	ERZ-8011
31A22472	MZ-6204	290	ERZ-8012
76211	MZ-4206	320	ERZ-8011
LW-14207	MZ-4218	320	ERZ-8011
LW-15571	MZ-4222	320	ERZ-8011
LW-16460	MZ-4224	320	ERZ-8011
76212	MHB-4001	320	ERB-8011
LW-14208	MHB-4010	320	ERB-8011
LW-15572	MHB-4016	320	ERB-8011
31A22470	MZ-6222	320	ERZ-8011
31A22471	MZ-6224	320	ERZ-8011
31A22472	MZ-6204	320	ERZ-8012
31B22475	MMU-6001	320	ERB-8012
76211	MZ-4206	340	ERZ-8011
76212	MHB-4001	340	ERB-8011
LW-14207	MZ-4218	340	ERZ-8011
LW-14208	MHB-4010	340	ERB-8011
LW-15571	MZ-4222	340	ERZ-8011
LW-15572	MHB-4016	340	ERB-8011
31A22470	MZ-6222	340	ERZ-8011
31B22475	MMU-6001	340	ERB-8012
76211	MZ-4206	360	ERZ-8011
76212	MHB-4001	360	ERB-8011
76213	MHB-4205	360	ERB-8011
76214	MHB-4003	360	ERB-8011
LW-14207	MZ-4218	360	ERZ-8011
LW-14208	MHB-4010	360	ERB-8011
LW-14209	MHB-4217	360	ERB-8011
LW-14210	MHB-4012	360	ERB-8011
LW-15571	MZ-4222	360	ERZ-8011
LW-15572	MHB-4016	360	ERB-8011
LW-15573	MHB-4221	360	ERB-8011
LW-15574	MHB-4019	360	ERB-8011
LW-18047	MZ-4225	360	ERZ-8011
LW-18989	MZ-4226	360	ERZ-8011
LW-18990	MHB-4020	360	ERB-8011
31A22470	MZ-6222	360	ERZ-8011

**AIRCRAFT VENDOR NUMBER
APPLICATION DATA**

Lycoming Model Number	KAPS Model Number	Engine Series	KAPS Replacement Model Number
31B22475	MMU-6001	360	ERB-8012
31B22476	MHB-6018	360	ERB-8011
76211	MZ-4206	540	ERZ-8011
76212	MHB-4001	540	ERB-8011
LW-11936	MHB-4007	540	ERB-8011
LW-14207	MZ-4218	540	ERZ-8011
LW-14208	MHB-4010	540	ERB-8011
LW-14213	MHB-4013	540	ERB-8011
LW-15572	MHB-4016	540	ERB-8011
LW-15577	MHB-4018	540	ERB-8011
LW-15571	MZ-4222	540	ERZ-8011
31A22470	MZ-6222	540	ERZ-8011
31B22475	MMU-6001	540	ERB-8012
78791	MHB-4005	TGIO-541	N/A
75699	MZ-4207	TIO-541-A	ERZ-8011
LW-14211	MZ-4219	TIO-541-A	ERZ-8011
LW-15575	MZ-4223	TIO-541-A	ERZ-8011
75700	MHB-4002	TIO-541-E	ERB-8011
LW-14212	MHB-4011	TIO-541-E	ERB-8011
LW-15576	MHB-4017	TIO-541-E	ERB-8011

**AIRCRAFT VENDOR NUMBER
APPLICATION DATA (CONT'D)**

Lycoming Model Number	Sky-Tec Model Number	Lamar Model Number	Engine Series	KAPS Replacement Model Number
31A21198	149-12PM		235	ERZ-8011
31A21198	149-12LS		235	ERZ-8011
31A21210	122-12PM	PM1203	235	ERZ-8012
31A21210	122-12LS		235	ERZ-8012
31A22100	149-12PM		235	ERZ-8011
31A22102	122-12PM		235	ERZ-8012
31A22104	149-12LS		235	ERZ-8011
31A22106	122-12LS		235	ERZ-8012
31A22110	149-12HT		235	N/A
31A22112	122-12HT		235	N/A
31A22361		PM1203	235	ERZ-8012
31B21064	149-24PM		235	ERB-8011
31B21064	149-24LS		235	ERB-8011
31B21211	122-24PM	PM2403	235	ERB-8012
31B21211	122-24LS		235	ERB-8012
31B22101	149-24PM		235	ERB-8011
31B22103	122-24PM		235	ERB-8012
31B22105	149-24LS		235	ERB-8011
31B22107	122-24LS		235	ERB-8012
31B22111	149-24HT		235	ERB-8011
31B22113	122-24HT		235	N/A
31B22362		PM2403	235	ERB-8012
31A21198	149-12PM	PM1204	320	ERZ-8011
31A21198	149-12LS		320	ERZ-8011
31A21210	122-12PM	PM1203	320	ERZ-8012
31A21210	122-12LS		320	ERZ-8012
31A22100	149-12PM		320	ERZ-8011
31A22100	149-12LS		320	ERZ-8011
31A22102	122-12PM		320	ERZ-8012
31A22106	122-12LS		320	ERZ-8012
31A22110	149-12HT		320	N/A
31A22112	122-12HT		320	N/A
31A22206		PM1201	320	ERZ-8011
31A22361		PM1203	320	ERZ-8012
31B21064	149-24PM	PM2401	320	ERB-8011
31B21064	149-24LS		320	ERB-8011
31B21211	122-24PM	PM2403	320	ERB-8012
31B21211	122-24LS		320	ERB-8012
31B22101	149-24PM		320	ERB-8011
31B22103	122-24PM		320	ERB-8012
31B22105	149-24LS		320	ERB-8011
31B22107	122-24LS		320	ERB-8012
31B22111	149-24HT		320	ERB-8011
31B22113	122-24HT		320	N/A

**AIRCRAFT VENDOR NUMBER
APPLICATION DATA**

Lycoming Model Number	Sky-Tec Model Number	Lamar Model Number	Engine Series	KAPS Replacement Model Number
31B22207		PM2401	320	ERB-8011
31B22362		PM2403	320	ERB-8012
31B22552		PM1204	320	N/A
31A21198	149-12PM	PM1201	360	ERZ-8011
31A21198	149-12LS	PM1204	360	ERZ-8011
31A21210	122-12PM		360	ERZ-8012
31A21210	122-12LS		360	ERZ-8012
31A22100	149-12PM		360	ERZ-8011
31A22100	149-12LS		360	ERZ-8011
31A22102	122-12PM		360	ERZ-8012
31A22106	122-12LS		360	ERZ-8012
31A22110	149-12HT		360	N/A
31A22112	122-12HT		360	N/A
31A22206		PM1201	360	ERZ-8011
31B22103	122-24PM		360	ERB-8012
31B22107	122-24LS		360	ERB-8012
31B22113	122-24HT		360	N/A
31B21211	122-24PM		360	ERB-8012
31B21211	122-24LS		360	ERB-8012
31B21064	149-24PM	PM2401	360	ERB-8011
31B21064	149-24LS		360	ERB-8011
31B22101	149-24PM		360	ERB-8011
31B22105	149-24LS		360	ERB-8011
31B22111	149-24HT		360	ERB-8011
31B22207		PM2401	360	ERB-8011
31B22552		PM1204	360	N/A
31A21198	149-12PM	PM1201	540	ERZ-8011
31A21198	149-12LS	PM1204	540	ERZ-8011
31A21210	122-12PM		540	ERZ-8012
31A21210	122-12LS		540	ERZ-8012
31B21064	149-24PM	PM2401	540	ERB-8011
31B21064	149-24LS		540	ERB-8011
31B21211	122-24PM		540	ERB-8012
31A22100	149-12PM		540	ERZ-8011
31A22100	149-12LS		540	ERZ-8011
31A22102	122-12PM		540	ERZ-8012
31A22106	122-12LS		540	ERZ-8012
31A22110	149-12HT		540	N/A
31A22112	122-12HT		540	N/A
31A22206		PM1201	540	ERZ-8011
31B21211	122-24LS		540	ERB-8012
31B22101	149-24PM		540	ERB-8011
31B22103	122-24PM		540	ERB-8012
31B22105	149-24LS		540	ERB-8011

**AIRCRAFT VENDOR NUMBER
APPLICATION DATA (CONT'D)**

Lycoming Model Number	Sky-Tec Model Number	Lamar Model Number	Engine Series	KAPS Replacement Model Number
31B22107	122-24LS		540	ERB-8012
31B22111	149-24HT		540	ERB-8011
31B22113	122-24HT		540	N/A
31B22207		PM2401	540	ERB-8011
31B22552		PM1204	540	N/A
31B22553		PM2404	LTIO-540	N/A
31B22462			720	ERB-8012

**KAPS DIRECT EXCHANGE NUMBER
APPLICATION DATA (CONT'D)**

KAPS Original Model Number	KAPS Replacement Model Number
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(24 Volt)

MHB-4001	ERB-8011
MHB-4002	ERB-8011
MHB-4003	ERB-8011
MHB-4004	ERB-8012
MHB-4007	ERB-8011
MHB-4010	ERB-8011
MHB-4011	ERB-8011
MHB-4012	ERB-8011
MHB-4013	ERB-8011
MHB-4015	ERB-8012
MHB-4016	ERB-8011
MHB-4016A	ERB-8011
MHB-4017	ERB-8011
MHB-4018	ERB-8011
MHB-4019	ERB-8011
MHB-4020	ERB-8011
MHB-4205	ERB-8011
MHB-4217	ERB-8011
MHB-4221	ERB-8011
MMU-4001	ERB-8012
MHB-6016	ERB-8011
MHB-6018	ERB-8011
MMU-6001	ERB-8012

(12 Volt)

MZ-4204	ERZ-8012
MZ-4206	ERZ-8011
MZ-4207	ERZ-8011
MZ-4218	ERZ-8011
MZ-4219	ERZ-8011
MZ-4222	ERZ-8011
MZ-4223	ERZ-8011
MZ-4224	ERZ-8011
MZ-4225	ERZ-8011
MZ-4226	ERZ-8011
MZ-6204	ERZ-8012
MZ-6222	ERZ-8011
MZ-6224	ERZ-8011
MZ-6226	ERZ-8011