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# Service Information Letter

The technical content of this letter is FAA Approved

Letter No. A-126

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## Kelly Aerospace, Inc.\* Starter Eligibility Listing

### INTRODUCTION:

Over the past many years, Kelly Aerospace, Inc. has provided the FAA required paperwork for eligibility of the starters it produces new and under approved PMA's. Customer products typically are delivered with an FAA Authorized Release Certificate form 8130-3 which contains a block for the product's eligibility on an engine or airframe. This certificate assures the suitability and airworthiness of the part to be installed. Interpretation of the regulation now allows that block to be checked N/A as many, if not most products have very large and multiple usage. This may complicate the paperwork completion of simple starter installations. It is the responsibility of the customer or end user to assure that the product used on the aircraft or rotorcraft is approved for that application. Use of the 8130-3 form solely as the basis of approval when the eligibility block is marked N/A may no longer be sufficient to allow return to service. There are many methods to establish starter eligibility which are discussed in this Service Information Letter and this publication is designed to help you choose the best method for your particular application.

This Service Information Letter is intended to provide information and guidance as to the eligibility of Kelly Aerospace, Inc. starters when replacing or installing these products on certified aircraft or rotorcraft..

### COMPLIANCE:

At the discretion of the owner/operator or the facility replacing or installing new, rebuilt, or overhauled starters as delivered by or through Kelly Aerospace Distributors.

### AFFECTIVITY:

All Kelly Aerospace, Inc. starters which do not have specific eligibility paperwork or have a form 8130-3 without specific eligibility or marked N/A in the eligibility block.

### PROCEDURE:

#### CAUTION:

The potential applications of the series starters contained and covered in this letter may be limited. Not all aircraft, rotorcraft or engines that currently exist or may have existed are listed herein. While these starters are direct replacements for existing starter installations, unforeseen changes or modifications to any specific aircraft/rotorcraft or engine may have occurred and may necessitate modification to structure or may not allow installation.

1. Upon receipt of a Kelly Aerospace, Inc. starter, check included paperwork.
2. All Kelly Aerospace starters come with a Limited Warranty policy, Starter Installation, Maintenance, and Troubleshooting pamphlet, and maintenance tags including an 8130-3 form (if required). See Fig. 1. *A sales invoice and customs documents may also be attached to the package.*
3. Observe each piece of paperwork. Make sure each one applies to the starter included in the package and the data tag model or serial number matches the documents.

\* Inclusive of PMA's as granted to Kelly Aerospace Thermal Systems and / or Kelly Aerospace Power Systems.

## **PROCEDURE: (Cont'd)**

4. If all documents match and the form 8130-3 has the aircraft/rotorcraft or engine included, eligibility has been established and approved installation may proceed.
5. Check the paperwork to assure it agrees with the starter data tag. If the form 8130-3 is marked N/A, has no clear eligibility, or has the wrong eligibility information, eligibility must be established.
6. Eligibility may be established in several ways.

- I. Consult the engine manufacturers publications.

For Lycoming engines, the latest revision of Service Instruction 1154 contains approved starter eligibility. For unusual or legacy engines it may be necessary to consult the specific illustrated parts catalog and/or Lycoming technical support.

For Teledyne Continental Motors engines, consult the specific illustrated parts catalog, service publications and/or TCM technical support.

- II. Consult the airframe or rotorcraft manufacturers publications.

The aircraft or rotorcraft, eligibility for newer models may be found in the original equipment list delivered with or included in the AFM or POH. This may be more accurate as several optional starters may apply. For earlier models, the best method is to consult the illustrated parts catalog. The starter may only be shown with the airframe or rotorcraft manufacturers part number so use of a cross reference is required.

- III. Consult the FAA PMA (parts manufacturer approval) supplement.

In many cases where the original manufacturer no longer exists or does not support a product, or in the case of competition, the F.A.A. approves alternate manufacture of common products. The P.M.A. supplement will establish eligibility. *May be available online via the internet.*

- IV. Consult the FAA STC. (supplemental type certificate).

In some cases where substantial changes in the starter shape, usage, or rating has been made, an STC is required and is the only method of establishing eligibility. *STC information may be available online via the internet.*

- V. Consult the Kelly Aerospace, Inc. starter applicability guide and cross reference.

The data included herein may be used to quickly identify the engine or aircraft model in a more detailed manner. The included data is based on a combination of all the above methods and will allow a quick reference to help establish eligibility. Use only as a secondary method of establishing eligibility. *This publication available online at [www.kellyaerospace.com](http://www.kellyaerospace.com).*

7. Once eligibility has been established, installation and testing may proceed using the applicable aircraft or rotorcraft maintenance or service manuals.
8. Upon successful completion of the starter installation, make and appropriate log book entry including reference to the method of establishing eligibility.

## **MATERIAL REQUIRED:**

Not Applicable.

## **PARTS AVAILABILITY:**

Not Applicable.

OMB Control No. 2120-0018  
09/30/2007

1. Approving National Aviation Authority/Country:		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number:	
4. Organization Name and Address:						5. Work Order/Contract/Invoice Number:	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
<p>13. Remarks:</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 45%;"> <p><b>Eligibility note.</b></p> </div> <div style="width: 45%; text-align: center;"> <p><b>Eligibility block.</b> (May have N/A.)</p> </div> </div>							
14. Certifies the items identified above were manufactured in conformity to:				19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13			
<input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
<b>User/Installer Responsibilities</b>							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>							
FAA Form 8130-3 (6-01)		*Installer must cross-check eligibility with applicable technical data.				NSN: 0052-00-012-9005	
<small>           Paperwork Reduction Act Statement:            An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number associated with this collection of information is 2120-0018. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW, Washington, DC 20591, Attn: Information Collection Clearance Officer, ABA-20.         </small>							

**Figure 1 - FAA Form 8130-3**

**WARRANTY STATEMENT:**

The sole warranty applicable to this service publication is related to the terms and conditions in the Limited Warranty Policy received with each new starter. This publication does not imply or state any responsibility for the workmanship of any person or entity in choosing, performing work or maintenance with respect to the starter.

**CONTACT INFORMATION:**

If you have any questions concerning the instructions in this service information letter, please contact Kelly Aerospace Technical Support at 888-461-6077.

*Questions concerning aircraft, rotorcraft, or engine installation, service, or operation must be forwarded to the applicable manufacturer of that product.*

# ELIGIBILITY GUIDE & CROSS REFERENCE

## (AVAILABLE STARTERS)

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 available Kelly Aerospace, Inc. starters may be applied as they pertain to Lycoming engines. *(See the Aircraft Starter Application Guide for Teledyne Continental Motors for that engine make.)* 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:

Kelly Aerospace, Inc. has identified the potential applications of its starters 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 (E & X Drive starters only)

#### (E-Drive series)

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

#### (X-Drive series)

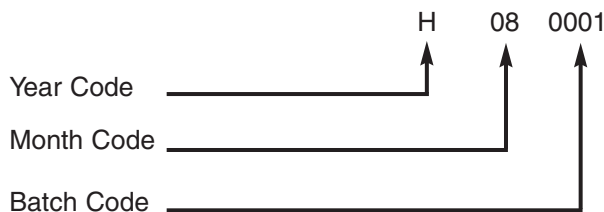
Solenoid to the Left:

SRB-9021 (24 Volt - 12/14 pitch gear) 9T	SRB-9022 (24 Volt - 10/12 pitch gear) 9T
SRZ-9021 (12 Volt - 12/14 pitch gear) 9T	SRZ-9022 (14 Volt - 10/12 pitch gear) 9T

Solenoid to the Right:

SRB-9031 (24 Volt - 12/14 pitch gear) 9T	SRB-9032 (24 Volt - 10/12 pitch gear) 9T
SRZ-9031 (12 Volt - 12/14 pitch gear) 9T	SRZ-9032 (14 Volt - 10/12 pitch gear) 9T

Serial number Identification



Example above: 2007, August, first unit of the month (batch)

### Eligibility Guide & Cross Reference List

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Make	Model	Engine	Original	Magna Fit	E-Drive	X-Drive
<b>A.M.F.</b>						
MUSHSHAK	17-D	IO-540-V4A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>AERO BOREO</b>						
	AB-115 BS	AEIO-540-8544	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	AB-180 RV & RVR	O-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>AERO COMMANDER</b>						
LARK	180	O-360-A2F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
SHRIKE	500 U, S	IO-540-E1B5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>AERO FAB/LAKE</b>						
	L4	O-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
BUCKANEER	LA-4-200	IO-360-A1B	MZ-4222	MZ-6222	N/A	SRZ-9021
RENEGADE	LA250	IO-540-C4B5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
RENEGADE, TURBO	LA250	TIO-540-AA1AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>AERO MERCANTIL</b>						
	ALL MODELS	O-360-A1A	MHB-4018	MHB-6018	ERB-8011	SRB-9021
<b>AEROSTAR</b>						
	600	IO-540-K1F5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>AMERICAN BLIMP</b>						
	ALL MODELS	IO-360-B1G6	MHB-4016 MZ-4222	MHB-6016 MZ-6222	ERB-8011 ERZ-8011	SRB-9021 SRZ-9021
<b>AMERICAN CHAMPION (CHAMPION)</b>						
CITABRIA	7GCBC, 7GCAA	O-320-B2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
CITABRIA	7ECA	O-235-C1	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
CITABRIA	7ECA	O-235-K2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
CITABRIA	7KCAB	O-235-K2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
<b>AVIAT</b>						
	HUSKEY	O-360-A1P	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>BEAGLE</b>						
AIRDALE	D5-160	O-320-B2B	MHB-4016	MHB-6016	ERB-8011	SRB-9021
PUP	200	IO-360-A1C	MHB-4016	MHB-6016	N/A	SRB-9021
	150	O-320-A2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>BEECHCRAFT - SINGLE ENGINE SERIES</b>						
MUSKETEER	A23	O-320-D2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	23A	IO-320-A4K	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	B23B	IO-320-A2G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	B23-19	O-320-A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
MUSKETEER III	M 23	O-360-E	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
SPORT	B19	O-320-E	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
SUNDOWNER	C-23	O-360-A4G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	C-23	O-360-A4J	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	C-23	O-360-A4K	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	C-23	O-360-A4K	MHB-4016	MHB-6016	ERB-8011	SRB-9031

## AIRCRAFT ELIGIBILITY GUIDE (Cont'd)

Make	Model	Engine	Original	Magna Fit	E-Drive	X-Drive
<b>BEECHCRAFT - SINGLE ENGINE SERIES (cont'd)</b>						
SIERRA	C-24R	IO-360-A1B6	MZ-4222	MZ-6222	N/A	SRZ-9021
	C-24R	IO-360-A1B6	MHB-4016	MHB-6016	N/A	SRB-9021
SKIPPER	77	O-235-L2C	MMU-4001	MMU-6001	ERB-8012	SRB-9022
<b>BEECHCRAFT - TWIN ENGINE SERIES</b>						
DUCHESS	76	O-360-A1G6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		LO-360-A1G6D	MZ-4220	MZ-6220	N/A	N/A
	76	O-360-A1G6D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
		LO-360-A1G6D	MZ-4014	MZ-6014	N/A	N/A
DUKE	60, A60, B60 81' - Up	TIO-541-E1A4 TIO-541-G1AD	MHB-4017 MHB-4017		ERB-8011 ERB-8011	SRB-9021 SRB-9021
TRAVEL AIR	A95, B95 D95A, E95	O-360-A1A IO-360-B1B	MHB-4016 MHB-4016	MHB-6016 MHB-6016	ERB-8011 ERB-8011	SRB-9021 SRB-9021
<b>BELLANCA</b>						
CHAMPION	8KCAB-180	AEIO-360-H1A	MZ-4222	MZ-6222	N/A	SRZ-9021
	8GCAB	AEIO-320-E2B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	8KCBC	O--360-2E	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
SUPERVIKING	300A	IO-540-K1E5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>BOLKOW</b>						
	207	O-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>BRANTLY</b>						
	B2	VO-360	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	B2B	IVO-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>BRITTEN NORMAN</b>						
	BN-2	O-540-E4B5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	BN-2A	IO-540-K1B5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	BN-2A & B	O-540-E4C5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>CESSNA - SINGLE ENGINE SERIES</b>						
	152, F152	O-235-L2C	MMU-4001	MMU-6001	ERB-8012	SRB-9032
CARDINAL	177	O-320-D3G	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	177	IO-360-A1B6	MZ-4222	MZ-6222	N/A	SRZ-9021
	177	O-360-A2F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	177A	O-360-A1F6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	177RG	IO-360-A1B6D	MZ-4222	MZ-6222	N/A	SRZ-9021
CUTLASS RG	172RG	O-360-F1A6	MHB-4016	MHB-6016	ERB-8011	SRB-9021
SKYHAWK	172 I, J, K, L, M	O-320-E2D, D2J	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	172N	O-320-H2AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	172R, S	IO-360-L2A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
SKYLANE	182	O-540-J3C5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	182S, T	O-540-AB1A5			ERB-8011	SRB-9031
	TR182	O-540-L3C5D			ERB-8011	SRB-9021
	T-182	TIO-540-AK1A			ERB-8011	SRB-9021
STATIONAIR	U206H	IO-540-AC1A5			ERB-8011	SRB-9031
<b>CHRISTEN</b>						
PITTS	S1-S	AEIO-360-B4A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
EAGLE II	S-2	AEIO-360-A1D	MZ-4222	MZ-6222	N/A	SRZ-9021
PITTS	S-2A	AEIO-360-A1E	MZ-4222	MZ-6222	N/A	SRZ-9021
	S-2S	AEIO-540-D4A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031



## AIRCRAFT ELIGIBILITY GUIDE (Cont'd)

Make	Model	Engine	Original	Magna Fit	E-Drive	X-Drive
<b>COMMANDER</b>						
COMMANDER	112, 112A	IO-360-C1D6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	TC-112	TO-360-C1A6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	114	IO-540-T4B5		MZ-6222	ERZ-8011	SRZ-9021
	114B	IO-540-T4B5	MHB-6016		ERB-8011	SRB-9021
	114TC	TIO-540-AG1A			ERB-8011	SRB-9021
DARTER	100	O-320-A2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
LARK	180	O-360-A1G6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		O-360-A2F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
SHRIKE	500	O-540-A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	500B, U, S	IO-540-E1B5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	700	TIO-540-R2AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
SPARROW	A9, A9A	O-540	MHB-4016	MHB-6016	ERB-8011	SRB-9021
QUAIL	A9B	IO-540	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>DEHAVILLAND</b>						
	DH-114	IO-540-K1C5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>DIAMOND</b>						
	DA-40	IO-360-M1A	MHB-4018		ERB-8011	SRB-9021
<b>EAGLE AIRCRAFT</b>						
	ALL MODELS	IO-540-M1B5D		MHB-6016	ERB-8011	SRB-9021
<b>EMBRAER</b>						
IPANEMA	EMB-201	IO-540-K1J5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IPANEMA	EMB-201A	O-540-K1F5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IPANEMA	EMB-400	IO-720-D1B	MHJ-4004			
<b>ENSTROM</b>						
SNARK	F28	HIO-360-E1AD	MZ-4225		ERZ-8011	SRZ-9031
	F28A	HIO-360-C1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	F28C	HIO-360-E1BD	MZ-4225		ERZ-8011	N/A
FALCON	F28F	HIO-360-F1AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>EXTRA-FLUGZEUGBAU</b>						
	300	AEIO-540-L1B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>F.F.A.</b>						
BRAVO	AS-202	O-320-D2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	AS-202-15	O-320-E2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
BRAVO	AS-202-18A	AEIO-360-B1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>FOUND BROS.</b>						
CENTENNIAL	100	IO-720	MHJ-4004	MHB-4016A	N/A	SRB-9022
		IO-540	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>FUJI</b>						
	FA-200	O-360-A5AD	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	FA-200	IO-360-B1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	FA-200	IO-360-B1B	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	FA-200-160	O-320-D2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>G.E.M.S.</b>						
	ALL MODELS	O-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021

## AIRCRAFT ELIGIBILITY GUIDE (Cont'd)

Make	Model	Engine	Original	Magna Fit	E-Drive	X-Drive
<b>GREAT LAKES</b>						
	ALL MODELS	IO-360-B1F6 IO-360-B1G6	MZ-4222 MZ-4222	MZ-6222 MZ-6222	ERZ-8011 ERZ-8011	SRZ-9021 SRZ-9021
<b>GROB</b>						
	G115	O-320-E1	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	G115/G115A	O-235-H2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	G115B/G115C	O-320-D1A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	G115C2	O-360-A1F6	MHB-4016	MHB-6016	ERB-8011	SRB-9031
ACRO SPORT	G115D	AEIO-360-B1F	MHB-4016	MHB-6016	ERB-8011	SRB-9031
HERON	G115D2	AEIO-320-D1B	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	G120A	AEIO-540-D4D5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
<b>GRUMMAN AMERICAN (AMERICAN GENERAL)</b>						
TRAVELER	AA-5	O-320-E2G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
CHEETAH	AA-5A	O-320-E2G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
COUGAR	GA-7	O-320-D1D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
TIGER	AA-5B	O-360-A4K	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
TIGER	AG-5B	O-360-A4K	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TRAINER	AA-1C	O-235-L2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
YANKEE	TR-2	O-235-C2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
<b>GYROFLUG</b>						
SPEED CANARD	SC-01B	O-320-D1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>HELIO</b>						
	700	TIO-540-J2BD	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	800	IO-720-A1B	MHB-4016A			
CABALLERO		O-540-A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
TWIN		O-540-A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
TWIN		O-540-A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>LANCAIR</b>						
KIT	ALL MODELS	IO-360 - -	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	320	IO-320-D1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	360	IO-360-M1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
360 TURBO	360T	IO-360-F1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
<b>KING ENGINEERING</b>						
ANGEL	ALL MODELS	IO-540-M1C5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>M.B.B. / MONSON</b>						
FLAMINGO	223	IO-360-C1D6	MHB-4018	MHB-6018	ERB-8011	SRB-9021
MONSUN	B-209	IO-320-D1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	B-209B	O-320-E1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
MONSON	B-209C	IO-320-D1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>MAULE</b>						
LUNAR ROCKET	M5-180	O-360-C1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
LUNAR ROCKET	M5-180	O-360-C1F	MHB-4016	MHB-6016	ERB-8011	SRB-9021
LUNAR ROCKET	M5-235	O-540-J1A5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
LUNAR ROCKET	M6-235	O-540-W1A5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
STAR ROCKET	MX-7-235	O-540-B4B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MX-7-260	IO-540-V4A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021

## AIRCRAFT ELIGIBILITY GUIDE (Cont'd)

Make	Model	Engine	Original	Magna Fit	E-Drive	X-Drive
<b>MOONEY</b>						
	M20 SERIES	O-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
		O-360-A1D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		O-360-A1D	MHB-4018	MHB-6018	ERB-8011	SRB-9021
	M20D	O-360-A2D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
EXECUTIVE	M20E, F	IO-360-A1A		MZ-6222	SRZ-9021	SRZ-9031
	M20J	IO-360-A1B6D		MZ-6222	N/A	SRZ-9021
	M20I	IO-360-A1B6D		MZ-6222	N/A	SRZ-9021
		IO-360-A1B6D	MHB-4018	MHB-6018	N/A	SRB-9021
TLS	M20M	TIO-540-AF1A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>MOROVAN</b>						
ZLIN	50L	AEIO-540-D4B5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
ZLIN	50L	AEIO-540-L1B5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
ZLIN	Z143L	O-540-J3A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
ZLIN	Z242L	AEIO-360-A1B6	MHB-4016	MHB-6016	N/A	SRB-9021
<b>MUDRY</b>						
	CAP-10	AEIO-360-B2F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	CAP-20LS & 21	AEIO-360-A1B	MZ-4222	MZ-6222	N/A	SRZ-9021
	CAP-230	AEIO-540-L1B5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>NEIVA</b>						
UNIVERSAL	1PD 6201	IO-540-K1D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>PACIFIC AEROSPACE</b>						
AIRTRAINER	CT4-E	AEIO-540-L1B5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
FLETCHER	FU-24-954	IO-720-A1B	MHB-4016A			
<b>PARTENAVIA</b>						
	P-64B	O-360-A3A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
OSCAR	P-66	O-235-C1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
OSCAR	P-66B	O-320-E2A	MHB-4018	MHB-6018	ERB-8011	SRB-9021
	P-66C	O-320-H2AD	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
OBSERVER	P-68 SERIES	IO-360-A1B6	MHB-4016	MHB-6016	N/A	SRB-9021
	P-68B	IO-360-A1B	MHB-4016	MHB-6016	N/A	SRB-9021
	P-68C-TC	TO-360-C1A6D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>PIPER AIRCRAFT - SINGLE ENGINE SERIES</b>						
SUPER CRUSIER	PA-12-105	O-235-C1	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
CUB / COLT	PA-18-108	O-235-C1B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9032
SUPER CUB	PA-18-150	O-320-A2B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9032
TRI-PACER	PA-22-108	O-235-C1B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
TRI-PACER	PA-22	O-320-E3D	MZ-4204	MZ-6204	ERZ-8012	SRZ-9032
TRI-PACER	PA-22-160	O-320-B2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9032
		O-320-B2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
COMANCHE	PA-24-180	O-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		O-360-A1D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	PA-24-250	O-540-A1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		O-540-A1C5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	PA-24-250	O-540-A1D5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	PA-24-260	IO-540-D4A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
		IO-540-N1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		IO-540-R1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	PA-24-260 TURBO	IO-540-R1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021

## AIRCRAFT ELIGIBILITY GUIDE (Cont'd)

Make	Model	Engine	Original	Magna Fit	E-Drive	X-Drive
<b>PIPER AIRCRAFT - SINGLE ENGINE SERIES (Cont'd)</b>						
PAWNEE	PA-25-180	O-360-A1D,	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	PA-25-235	O-540-B2C5,	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	PA-25-260	O-540-G1A5,	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
CHEROKEE	PA-28-140	O-320-E2A,	MZ-4204	MZ-6204	ERZ-8012	SRZ-9032
	PA-28-150	O-320-A2B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
WARRIOR	PA-28-151	O-320-E3D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	PA-28-160	O-320-B2B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
WARRIOR III	PA-28-161	O-320-D2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
		O-320-D3G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
		O-320-D3G	MHB-4016	MHB-6016	ERB-8011	SRB-9021
CHEROKEE	PA-28-180	O-360-A3A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
CHALLENGER	PA-28-180	O-360-A4A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
ARROW	PA-28R-180	IO-360-B1E	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
ARCHER	PA-28-181	O-360-A4M	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
ARCHER III	PA-28-181	O-360-A4M	MHB-4016	MHB-6016	ERB-8011	SRB-9031
ARROW	PA-28R-200	IO-360-C1C	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	PA-28R-200	IO-360-C1C6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
ARROW III	PA-28R-201	IO-360-C1C6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
CHEROKEE	PA-28-235	O-540-B2B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	PA-28-235	O-540-B4B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
DAKOTA	PA-28-236	O-540-J3A5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
CHEROKEE SIX	PA-32-260	O-540-E4B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	PA-32-300	IO-540-K1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	PA-32-300	IO-540-K1A5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
LANCE	PA-32-301	IO-540-K1G5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
SARATOGA	PA-32-301	IO-540-K1G5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	PA-32-301T	TIO-540-AH1A	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	PA-32R-301T	TIO-540-S1AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
LANCE	PA-32R-300	IO-540-K1G5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	PA-32RT-300	IO-540-K1G5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
LANCE TURBO	PA-32RT-300T	TIO-540-S1AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
SARATOGA TURBO	PA-32R-301T	TIO-540-S1AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
BRAVE	PA-36 -300	IO-540-K1G5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	PA-36 -375	IO-720-D1C	MHB-4016A			
TOMAHAWK	PA-38-112	O-235-L2A	MZ-4204	MZ-6404	ERZ-8012	SRZ-9022
		O-235-L2C	MZ-4204	MZ-6404	ERZ-8012	SRZ-9022
MIRAGE	PA-46-350P	TIO-540-AE2A	MHB-4016	MHB-6016	ERB-8011	SRB-9021

**Note:** E-Drive installation does not fit on PA28 series four cylinder engines with factory installed air conditioning.

### PIPER AIRCRAFT - TWIN ENGINE SERIES

APACHE	PA-23-150	O-320-A3A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		O-320-A3B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		O-320-B1A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
		O-320-B3B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		O-320-B3B	MHB-4016	MHB-6016	ERB-8011	SRB-9021
AZTEC	PA-23-235 PA-23-250	O-540-B1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		IO-540-C4B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		IO-540-C4B5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
		IO-540-J4A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
		IO-540-J4A5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
AZTEC TURBO		TIO-540-C1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		TIO-540-C1A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TWIN COMANCHE	PA-30-160	IO-320-B1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
TWIN COMANCHE CR	PA-39	IO-320-C1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
		LIO-320-C1A	MZ-4220	MZ-6220	N/A	
NAVAJO	PA-31-300 PA-31-310	IO-540-M1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
		TIO-540-A2B	MHB-4018	MHB-6018	ERB-8011	SRB-9031
		TIO-540-A2C	MHB-4018	MHB-6018	ERB-8011	SRB-9031

## AIRCRAFT ELIGIBILITY GUIDE (Cont'd)

Make	Model	Engine	Original	Magna Fit	E-Drive	X-Drive
<b>PIPER AIRCRAFT - TWIN ENGINE SERIES (Cont'd)</b>						
NAVAJO-CR	PA-31-325	TIO-540-F2BD	MHB-4018	MHB-6018	ERB-8011	SRB-9031
CHIEFTAIN	PA-31-350	LTIGO-540-F2BD	MHB-4014	N/A		
		TIO-540-J2B	MHB-4018	MHB-6018	ERB-8011	SRB-9031
		LTIO-540-J2B	MHB-4014	N/A		
		TIO-540-J2BD	MHB-4018	MHB-6018	ERB-8011	SRB-9031
MOJAVE	PA-31P	TIGO-541-E1A	MHB-4016A	N/A		
	PA-31P-350	TIO-540-B2AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
		LTIO-540-V2AD	MHB-4014	N/A		
SENECA	PA-34-200	IO-360-C1E6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
SEMINOLE	PA-44-180	LIO-360-C1E6	MZ-4220	MZ-6220	N/A	
		O-360-A1H6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		LTO-360-A1H6	MZ-4220	MZ-6220	N/A	
		O-360-E1A6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
TURBO SEMINOLE	PA-44-180T	LTO-360-E1A6D	MZ-4220	MZ-6220	N/A	
		TO-360-E1A6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
		LTO-360-E1A6D	MZ-4220	MZ-6220	N/A	
PIPER AEROSTAR	PA-60-600A	IO-540-K1J5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	PA-60-601	IO-540-P1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	PA-60-601B	IO-540-S1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	PA-60-601P	IO-540-S1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	PA-60-602P	IO-540-AA1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	PA-60-700P	TIO-540-U2B	MHB-4016	MHB-6016	ERB-8011	SRB-9021
		LTIO-540-U2A	MHB-4014			
<b>ROBIN</b>						
DAUPHIN	DR 221	O-235-C2A	MZ-4204	MZ-6404	ERZ-8012	SRZ-9022
	DR 300	O-235-J2A	MZ-4204	MZ-6404	ERZ-8012	SRZ-9022
CADET	DR 300/108	O-235-H2C	MZ-4204	MZ-6404	ERZ-8012	SRZ-9022
PETIT PRINCE	DR 300/140	O-320-E2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	DR 300/18R	O-360-A2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	DR 400	O-235-F2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
DAUPHIN	DR 400/120	O-235-L2A	MZ-4204	MZ-6404	ERZ-8012	SRZ-9022
MAJOR	DR 400/160	O-320-D2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
RALLYE	DR-400/180-180R	O-360-A3A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	DR400/180	IO-360-A1B6	MZ-4222	MZ-6222	N/A	SRZ-9021
	HR-100	IO-540-C4B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
ROYALE	HR-100/200	IO-360-A1D6	MZ-4222	MZ-6222	N/A	SRZ-9021
AIGLON	R1180	O-360-A3AD	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>ROBINSON</b>						
	R22B	O-320-B2C	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		O-320-B2C	MZ-4224			
BETA II	R22B II	O-360-J2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	R44	O-540-F1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	R44 II	IO-540-AE1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>ROCKWELL</b>						
	114	O-540-T4A5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	710	TIGO-541-D1B	MHB-4005	N/A		
<b>SAAB</b>						
	MFI-15 & MFI-17	IO-360-A1B6	MHB-4016	MHB-6016	N/A	SRB-9021

## AIRCRAFT ELIGIBILITY GUIDE (Cont'd)

Make	Model	Engine	Original	Magna Fit	E-Drive	X-Drive
<b>SCHWEIZER (HUGES)</b>						
	269 & 300	HIO-360-D1A	MZ-4222 MZ-4226	MZ-6222	ERZ-8011	SRZ-9021
	300	HIO-360-D1A	MHB-4016 MHB-4020	MHB-6016	ERB-8011	SRB-9021
	300CB	HO-360-C1A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	H-269	HIO-360-A1A	MZ-4222 MZ-4226	MZ-6222	N/A	SRZ-9021
<b>SIAI MARCHETTI</b>						
	S-205	O-360-A1A IO-360-A1B6D	MHB-4016 MHB-4016	MHB-6016 MHB-6016	ERB-8011 N/A	SRB-9021 SRB-9021
	S-208 & SF-260 SF-260	O-540-E4A5 IO-540-D4A5 AEIO-540-D4A5	MHB-4016 MHB-4016 MHB-4016	MHB-6016 MHB-6016 MHB-6016	ERB-8011 ERB-8011 ERB-8011	SRB-9021 SRB-9031 SRB-9031
<b>SLINGSBY</b>						
FIREFLY	T67 T67B	O-320-D1F O-235-N2A O-235-L2A	MHB-4016 MZ-4204 MZ-4204	MHB-6016 MZ-6404 MZ-6404	ERB-8011 ERZ-8012 ERZ-8012	SRB-9021 SRZ-9022 SRZ-9022
	T67C	O-320-D2A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
FIREFLY 160	T67M	AEIO-320-D2B	MHB-4016	MHB-6016	ERB-8011	SRB-9021
FIREFLY 200		AEIO-360-A1E	MHB-4016	MHB-6016	N/A	SRB-9021
FIREFLY 160		AEIO-360-D1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>SOCATA</b>						
RALLYE	180GT and RS	O-360-A3A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
RALLYE 110	MS-885	O-235-L2A	MZ-4204	MZ-6404	ERZ-8012	SRZ-9022
RALLYE 150	MS-892	O-320-E2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
COMMODORE	MS-893	O-360-A2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
RALLYE	MS893A	O-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
GUERRIER	R-235	O-540-B4B5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TAMPICO	TB-9	O-320-D2A O-320-D2A	MHB-4016 MZ-4222	MHB-6016 MZ-6222	ERB-8011 ERZ-8011	SRB-9021 SRZ-9021
TOBAGO	TB-10	O-360-A1AD O-360-A1AD	MHB-4016 MZ-4222	MHB-6016 MZ-6222	ERB-8011 ERZ-8011	SRB-9021 SRZ-9021
TRINIDAD	TB-20	IO-540-C4D5D IO-540-C4D5D	MHB-4016 MZ-4222	MHB-6016 MZ-6222	ERB-8011 ERZ-8011	SRB-9021 SRZ-9021
TRINIDAD TC	TB-21	TIO-540-AB1AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TRINIDAD TC	TB-21	TIO-540-AB1AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TOBAGO XL	TB-200	IO-360-A1B6	MHB-4016	MHB-6016	N/A	SRB-9021
EPSILON	TB-30	AEIO-540-L1B5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>SPORTAVIA</b>						
	RS-180	O-360-A3A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>STODDARD HAMILTON</b>						
	GLASTAR	O-320-D1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
<b>SWEARINGEN AIRCRAFT</b>						
	SX-300	IO-540-L1C5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>TAYLORCRAFT</b>						
	F-21	O-235-L2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022

## AIRCRAFT ELIGIBILITY GUIDE (Cont'd)

Make	Model	Engine	Original	Magna Fit	E-Drive	X-Drive
<b>VANS AICRAFT</b>						
	RV-3,4,6,OR 6A	O-320-D1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	RV-6 OR RV-6A	O-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	RV-6,7or 8	IO-360-M1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>VARGA</b>						
KACHINA	2150A	O-320-A2C	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>WASSMER</b>						
	WA-40	O-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
EUROPA	WA-52	O-360-A1LD	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
		O-320-D1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>WACO</b>						
METEOR	MK.1	O-540	MHB-4016	MHB-6016	ERB-8011	SRB-9021
<b>WING</b>						
DERRINGER	D-1	IO-320	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
<b>ZENAIR</b>						
KIT	CH 2000	O-235-N2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
<b>ZEPPLIN</b>						
	ALL MODELS	O-360-C1G6	MHB-4016	MHB-6016	ERB-8011	SRB-9031



# ENGINE ELIGIBILITY GUIDE

## Engine Series

## Approved Starters

### TELEDYNE CONTINENTAL MOTORS

C-125-2	1109656	N/A
C-145-2	1109656	N/A
C-145-2H	1109656	N/A
C-75	1109656	N/A
C-85	1109656	N/A
C-90	1109656	N/A
E-165-2	N/A	N/A
E-185-1	N/A	N/A
E-185-3	N/A	N/A
E-185-8, 9, 11	532207	N/A
E-225-4	532207	N/A
E-225-8	N/A	N/A
GO-300-A, C	1109677	N/A
GO-300-D, E	N/A	N/A
GTSIO-520-C	646275-1	N/A
GTSIO-520-D	646275-1	N/A
GTSIO-520-D, F, H, K	646275-1	N/A
GTSIO-520-L, M, N	646275-1	N/A
IO-240-A, B	MZ-4214 (*)	N/A
IO-360	646275-1	N/A
IO-360-A, C, D	646275-1	N/A
IO-360-G, H	646275-1	N/A
IO-360-J, K, ES	646238-2	N/A
IO-470-C, F, H, N, S	646238-3	N/A
IO-470-D	646275-1	N/A
IO-470-E, J, K	646238-3	N/A
IO-470-G, R	646238-2	N/A
IO-470-L	646275-1	N/A
IO-470-M, U, V	646275-1	N/A
IO-520-A	646238-2	N/A
IO-520B, C	646275-1	N/A
IO-520-BA	646238-2	N/A
IO-520-C	646275-1	N/A
IO-520-D, F, J, L	646238-2	N/A
IO-520-E	646275-1	N/A
IO-520-K	646238-2	N/A
IO-520-M	646275-1	N/A
IO-550-A, G	646275-1	N/A
IO-550-B, C	646275-1	N/A
IO-550-D	646238-2	N/A
IO-550-E	646275-1	N/A
IO-550-F	646238-2	N/A
IO-550-L	646275-1	N/A
LTSIO-360-E, EB, KB	646238-2	N/A
O-200A, B (Key Start)	MZ-4214	N/A
O-200A, B (Pull Start)	1109656	N/A
O-300-A	1109656	N/A
O-300-B	1109656	N/A
O-300-C	1109656	N/A
O-300-D	646238-2	N/A
O-470-A, E	646238-2	N/A
O-470-B	646275-1	N/A
O-470-G, R	646238-3	N/A
O-470-J, K, L	646238-3	N/A
O-470-M	646275-1	N/A
O-470-P	646238-2	N/A
O-470-S, U	646238-3	N/A
TIARA 6-285B2	MHP-4004	N/A



## ENGINE ELIGIBILITY GUIDE (Cont'd)

### Engine Series

### Approved Starters

#### TELEDYNE CONTINENTAL MOTORS (Cont'd)

TIARA 6-285B3	636363	N/A
TIARA 6-285C1	636363	N/A
TIARA 6-285C2	MHP-4004	N/A
TIARA 6-320B1	MHP-4004	N/A
TSIO-360-A, D	646275-1	N/A
TSIO-360-B, C, H, JB	646275-1	N/A
TSIO-360-E, F	646238-2	N/A
TSIO-360-GB, KB, LB	646238-2	N/A
TSIO-360-MB	646275-1	N/A
TSIO-520-B	646275-1	N/A
TSIO-520-B, E	646275-1	N/A
TSIO-520-BE	646275-1	N/A
TSIO-520-C, G, M	646238-2	N/A
TSIO-520-D	646238-2	N/A
TSIO-520-E, J	646275-1	N/A
TSIO-520-H, P, R, AF	646275-1	N/A
TSIO-520-J, K, L, N	646275-1	N/A
TSIO-520-T, AE, CE	646275-1	N/A
TSIO-520-UB	646275-1	N/A
TSIO-520-VB	646275-1	N/A
TSIO-520-WB	646275-1	N/A
TSIOL-550-A	646275-1	N/A

## ENGINE ELIGIBILITY GUIDE (Cont'd)

Engine Series	Original	Magna Flt	E-Drive	X-Drive
<b>TEXTRON LYCOMING</b>				
O-235-C1	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-C1B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-C1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-235-C1C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-C2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-C2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-F2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MMU-4001	MMU-6001	ERB-8012	SRB-9022
O-235-F2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-235-H2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-J2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-K2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-K2B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-K2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-L2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-L2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MMU-4001	MMU-6001	ERB-8012	SRB-9022
	MMU-4001	MMU-6001	ERB-8012	SRB-9032
O-235-M1	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-N2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-N2C	MMU-4001	MMU-6001	ERB-8012	SRB-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-235-P2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-290-D	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-290-D2	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-290-D2B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-290-D2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
AEIO-320-D1B	MHB-4016	MHB-6016	ERB-8011	SRB-9031
AEIO-320-D2B	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
AEIO-320-E1B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
AEIO-320-E2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
AEIO-320-E2B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
AIO-320-B1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
AIO-320-C1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-320-B1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	MHB-4016	MHB-6016	ERB-8011	SRB-9031
IO-320-B1C	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-320-C1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
IO-320-D1A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-320-D1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
IO-320-E1A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
IO-320-E1B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
IO-320-E2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
IO-320-E2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
LIO-320-B1A	N/A	N/A	N/A	N/A
LIO-320-C1A	MZ-4220	N/A	N/A	N/A
O-320-A2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-A2B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4204	MZ-6204	ERZ-8012	SRZ-9032
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021

## ENGINE ELIGIBILITY GUIDE (Cont'd)

Engine Series	Original	Magna Flt	E-Drive	X-Drive
<b>TEXTRON LYCOMING (Cont'd)</b>				
O-320-A2C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-A2D	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-320-A3A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-A3B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-A3C	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-B1A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-320-B2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-320-B2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4204	MZ-6204	ERZ-8012	SRZ-9032
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4202	N/A		
O-320-B2C	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4224	MZ-6224	ERZ-8011	SRZ-9021
O-320-B3A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-B3B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-320-B3C	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-D1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-320-D1D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-D1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-320-D2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
O-320-D2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-D2C	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-320-D2G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-320-D2J	MHB-4016	MHB-6016	ERB-8011	SRZ-9021
O-320-D3G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-320-E1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-E1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-E2A	MZ-4204	MZ-6204	ERZ-8012	SRZ-9032
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4018	MHB-6018	ERB-8011	SRB-9021
O-320-E2B	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-E2C	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-E2D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-E2F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-E2G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-E2H	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-320-E3D	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
O-320-E3H	MZ-4204	MZ-6204	ERZ-8012	SRZ-9022
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021

## ENGINE ELIGIBILITY GUIDE (Cont'd)

Engine Series	Original	Magna Flt	E-Drive	X-Drive
<b>TEXTRON LYCOMING (Cont'd)</b>				
O-320-H2AD	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-340 Series	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
AEIO-360-A1E	MZ-4222	MZ-6222	N/A	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
AEIO-360-B1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
AEIO-360-B1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9031
AEIO-360-B1G6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
AEIO-360-B2F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
AEIO-360-B4A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
AEIO-360-D1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
AEIO-360-H1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
AIO-360-A1A	MZ-4222	MZ-6222	N/A	SRZ-9021
	MHB-4016	MHB-6016	N/A	SRB-9021
AIO-360-A1B	MZ-4222	MZ-6222	N/A	SRZ-9021
	MHB-4016	MHB-6016	N/A	SRB-9021
AIO-360-B1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
HIO-360-A1A	MZ-4226	MZ-6226	N/A	SRZ-9021
	MHB-4020	N/A		
HIO-360-B1A	MZ-4226	MZ-6226	ERZ-8011	SRZ-9021
	MHB-4020		ERB-8011	SRB-9021
HIO-360-C1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
HIO-360-C1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
HIO-360-D1A	MZ-4226	MZ-6226	ERZ-8011	SRZ-9021
	MHB-4020		ERB-8011	SRB-9021
HIO-360-E1AD	MZ-4225		ERZ-8011	SRZ-9031
HIO-360-E1BD	MZ-4225		ERZ-8011	SRZ-9021
HIO-360-F1AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4225		ERZ-8011	SRZ-9021
HO-360-B1A	MZ-4226	MZ-6226	ERZ-8011	SRZ-9021
HO-360-B1B	MZ-4226	MZ-6226	ERZ-8011	SRZ-9021
HO-360-C1A	MZ-4226	MZ-6226	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
LO-360-A1G6D	MZ-4220	MZ6220	N/A	N/A
	MHB-4014		N/A	N/A
LO-360-A1H6	MZ-4220	MZ6220	N/A	N/A
LO-360-E1A6D	MZ-4220	MZ6220	N/A	N/A
LTO-360-E1A6D	MZ-4220	MZ6220	N/A	N/A
LIO-360-C1E6	MZ-4220	MZ6220	N/A	N/A
IO-360-A1A	MZ-4222	MZ-6222	N/A	SRZ-9031
	MHB-4016	MHB-6016	N/A	SRB-9031
IO-360-A1B	MZ-4222	MZ-6222	N/A	SRZ-9021
	MHB-4016	MHB-6016	N/A	SRB-9021
IO-360-A1B6	MZ-4222	MZ-6222	N/A	SRZ-9021
	MHB-4016	MHB-6016	N/A	SRB-9021
IO-360-A1B6D	MZ-4222	MZ-6222	N/A	SRZ-9021
	MHB-4016	MHB-6016	N/A	SRB-9021
IO-360-A1C	MZ-4222	MZ-6222	N/A	SRZ-9021
	MHB-4016	MHB-6016	N/A	SRB-9021
IO-360-A1D	MZ-4222	MZ-6222	N/A	SRZ-9021
IO-360-A1D6	MZ-4222	MZ-6222	N/A	SRZ-9021
IO-360-A2A	MZ-4222	MZ-6222	N/A	SRZ-9021
IO-360-A2B	MZ-4222	MZ-6222	N/A	SRZ-9021
IO-360-A3A	MZ-4222	MZ-6222	N/A	SRZ-9021
IO-360-A3B6D	MZ-4222	MZ-6222	N/A	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021

## ENGINE ELIGIBILITY GUIDE (Cont'd)

Engine Series	Original	Magna Flt	E-Drive	X-Drive
<b>TEXTRON LYCOMING (Cont'd)</b>				
IO-360-B1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-360-B1D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-360-B1E	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
IO-360-B1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-360-B1F6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-360-B1G6	N/A		ERZ-8011	SRZ-9021
	N/A		ERB-8011	SRB-9021
IO-360-B2F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-360-B2F6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-360-B4A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-360-C1A	MHB-4016	MZ-6016	ERB-8011	SRB-9021
IO-360-C1B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-360-C1C	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
IO-360-C1C6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
IO-360-C1D6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-360-C1E6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-360-C1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-360-C1G6	N/A	N/A	ERB-8011	SRZ-9021
IO-360-F1A	N/A	N/A	ERZ-8011	SRZ-9031
IO-360-L2A	MHB-4016	MHB-6016	ERZ-8011	SRB-9021
IO-360-M1A	N/A	N/A	ERB-8011	SRB-9021
IO-360-M1B	N/A	N/A	ERZ-8011	SRZ-9021
IO-360-J1A6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-360-A1AD	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-360-A1C	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A1D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-360-A1F6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	MHB-4016	MHB-6016	ERB-8011	SRB-9031
O-360-A1F6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A1G6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A1G6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-360-A1H6	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A1LD	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A1P	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A2D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A2E	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A2F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A2G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A3A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
O-360-A3AD	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-A4A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
O-360-A4G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
O-360-A4J	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
O-360-A4K	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	MHB-4016	MHB-6016	ERB-8011	SRB-9031

## ENGINE ELIGIBILITY GUIDE (Cont'd)

Engine Series	Original	Magna Flt	E-Drive	X-Drive
<b>TEXTRON LYCOMING (Cont'd)</b>				
O-360-A4M	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	MHB-4016	MHB-6016	ERB-8011	SRB-9031
O-360-A4N	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-360-A5AD	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-B2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-B2C	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-360-C1A	MZ-4226	MZ-6226	ERZ-8011	SRZ-9021
O-360-C1C	MHB-4016	MZ-6016	ERB-8011	SRB-9021
	MZ-4226	MZ-6226	ERZ-8011	SRZ-9021
O-360-C1E	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-C1F	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-360-C1G	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-C2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-C2C	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-C2D	MZ-4226	MZ-6226	ERZ-8011	SRZ-9021
O-360-C2E	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-D2A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-360-D2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-E1A6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-360-F1A6	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-360-A1B	MHB-4016	MHB-6016	N/A	SRB-9021
TIO-360-C1A6D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TO-360-C1A6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TO-360-E1A6D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
AEIO-540-8544	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
AEIO-540-D4A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
AEIO-540-D4B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
AEIO-540-D4D5	N/A	N/A	ERB-8011	SRB-9031
AEIO-540-L1B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9031
AEIO-540-L1B5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-AA1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
IO-540-AA1B5	N/A	N/A	ERZ-8011	SRB-9031
IO-540-AB1A5	N/A	N/A	ERB-8011	SRB-9021
IO-540-AC1A5	N/A	N/A	ERB-8011	SRB-9031
IO-540-AE1A5	N/A	N/A	ERZ-8011	SRZ-9021
IO-540-A1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-B1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-B1C5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-C1B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-C4B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-C4C5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-C4D5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-D4A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	MHB-4016	MHB-6016	ERB-8011	SRB-9031
IO-540-E1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-E1B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021

## ENGINE ELIGIBILITY GUIDE (Cont'd)

Engine Series	Original	Magna Flt	E-Drive	X-Drive
<b>TEXTRON LYCOMING (Cont'd)</b>				
IO-540-G1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-G1B5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-G1C5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-G1D5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-G1E5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-G1F5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-J4A5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
IO-540-K1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
IO-540-K1A5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-K1B5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-K1C5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-K1D5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-K1E5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-K1F5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-K1F5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-K1G5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
IO-540-K1G5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
IO-540-K1H5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-K1J5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-K1J5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-K1K5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-L1B5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-L1C5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-M1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-M1B5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-M1C5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-N1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-P1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-R1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-S1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9031
IO-540-T4A5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-T4B5	MHB-4016	MZ-6016	ERB-8011	SRB-9021
	MZ-4222	MZ-6222	ERZ-8011	SRB-9021
IO-540-T4B5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-T4C5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-V4A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
IO-540-W1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-W1A5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
IO-540-W3A5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-A1A	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-540-A1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-540-A1B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-540-A1C5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-540-A1D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-A1D5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
O-540-A2B	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-A3D5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-B1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-540-B1B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-540-B2B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
O-540-B2C5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021



## ENGINE ELIGIBILITY GUIDE (Cont'd)

Engine Series	Original	Magna Flt	E-Drive	X-Drive
<b>TEXTRON LYCOMING (Cont'd)</b>				
O-540-B4B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-E4A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-E4B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9031
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-E4C5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-F1A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-F1B5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-540-G1A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-540-G2A5	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-H1B5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-H2B5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-J1A5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-540-J3A5	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-J3A5D	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
O-540-J3C5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
O-540-L3C5D	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-A1A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-A1B	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-A2A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-A2B	MHB-4016	MHB-6016	ERB-8011	SRB-9031
TIO-540-A2C	MHB-4016	MHB-6016	ERB-8011	SRB-9031
	MHB-4018	MHB-6018	ERB-8011	SRB-9031
TIO-540-AA1AD	MZ-4222	MZ-6222	ERZ-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-AB1AD	MZ-4222	MZ-6222	ERZ-8011	SRB-9021
TIO-540-AE2A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-AF1A	N/A	N/A	ERB-8011	SRB-9021
TIO-540-AF1B	N/A	N/A	ERB-8011	SRB-9021
TIO-540-AG1A	N/A	N/A	ERB-8011	SRB-9021
TIO-540-AH1A	N/A	N/A	ERB-8011	SRB-9031
TIO-540-AJ1A	N/A	N/A	ERB-8011	SRB-9031
TIO-540-AK1A	N/A	N/A	ERB-8011	SRB-9021
TIO-540-C1A	MZ-4222	MZ-6222	ERB-8011	SRZ-9021
	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-E1A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-F2BD	MHB-4018	MHB-6018	ERB-8011	SRB-9031
TIO-540-G1A	MZ-4222	MZ-6222	ERB-8011	SRZ-9021
TIO-540-H1A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-J2B	MHB-4018	MHB-6018	ERB-8011	SRB-9031
TIO-540-J2BD	MHB-4018	MHB-6018	ERB-8011	SRB-9031
TIO-540-N2BD	MHB-4018	MHB-6018	ERB-8011	SRB-9031
TIO-540-R2AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
	MHB-4018	MHB-6018	ERB-8011	SRB-9021
TIO-540-S1AD	MZ-4222	MZ-6222	ERB-8011	SRz-9021
	MHB-4018	MHB-6018	ERB-8011	SRB-9021
TIO-540-U2A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-V2AD	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIO-540-W2A	MHB-4016	MHB-6016	ERB-8011	SRB-9021
TIGO-541-E1A	MHB-4005	N/A	N/A	N/A
TIO-541-E1A4	MHB-4017	N/A	ERB-8011	SRB-9021
TIO-541-E1B4	MHB-4017	N/A	ERB-8011	SRB-9021
TIO-541-E1C4	MHB-4017	N/A	ERB-8011	SRB-9021
	MHB-4016A	N/A	N/A	N/A
LTIO-540-F2BD	MHB-4014	MHB-6014	N/A	N/A
LTIO-540-J2B	MHB-4014	MHB-6014	N/A	N/A
LTIO-540-J2BD	MHB-4014	MHB-6014	N/A	N/A
LTIO-540-U2A	MHB-4014	MHB-6014	N/A	N/A
LTIO-540-V2AD	MHB-4014	MHB-6014	N/A	N/A



## ENGINE ELIGIBILITY GUIDE (Cont'd)

Engine Series	Original	Magna Flt	E-Drive	X-Drive
<b>TEXTRON LYCOMING (Cont'd)</b>				
IO-720-A1A	MHJ-4004 MHB-4016A	N/A	ERB-8012 N/A	SRB-9022 N/A
IO-720-A1B	MHJ-4004 MHB-4016A	N/A	ERB-8012 N/A	SRB-9022 N/A
IO-720-B1B	MHJ-4004 MHB-4016A	N/A	ERB-8012 N/A	SRB-9022 N/A
IO-720-B1BD	MHJ-4004 MHB-4016A	N/A	ERB-8012 N/A	SRB-9022 N/A
IO-720-C1B	MHJ-4004 MHB-4016A	N/A	ERB-8012 N/A	SRB-9022 N/A
IO-720-D1B	MHJ-4004 MHB-4016A	N/A	ERB-8012 N/A	SRB-9022 N/A
IO-720-D1C	MHJ-4004 MHB-4016A	N/A	ERB-8012 N/A	SRB-9022 N/A

## LYCOMING NUMBER CROSS REFERENCE

Lycoming Number	Original Vendor No.	Engine Series	New KAPS	
			E-Drive	X-Drive
76211	MZ-4206	235	ERZ-8011	SRZ-9021
LW-14207	MZ-4218	235	ERZ-8011	SRZ-9021*
LW-15571	MZ-4222	235	ERZ-8011	SRZ-9021*
LW-15483	MHB-4015	235	ERB-8012	SRB-9022
LW-16207	MMU-4001	235	ERB-8012	SRB-9022*
31A22470	MZ-6222	235	ERZ-8011	SRZ-9021*
31A22472	MZ-6204	235	ERZ-8012	SRZ-9022*
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76211	MZ-4206	290	ERZ-8011	SRZ-9021
LW-14207	MZ-4218	290	ERZ-8011	SRZ-9021*
LW-15571	MZ-4222	290	ERZ-8011	SRZ-9021*
31A22470	MZ-6222	290	ERZ-8011	SRZ-9021*
31A22472	MZ-6204	290	ERZ-8012	SRZ-9022*
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76211	MZ-4206	320	ERZ-8011	SRZ-9021
LW-14207	MZ-4218	320	ERZ-8011	SRZ-9021*
LW-15571	MZ-4222	320	ERZ-8011	SRZ-9021*
LW-16460	MZ-4224	320	ERZ-8011	SRZ-9021*
76212	MHB-4001	320	ERB-8011	SRB-9021*
LW-14208	MHB-4010	320	ERB-8011	SRB-9021*
LW-15572	MHB-4016	320	ERB-8011	SRB-9021*
31A22470	MZ-6222	320	ERZ-8011	SRZ-9021*
31A22471	MZ-6224	320	ERZ-8011	SRZ-9021*
31A22472	MZ-6204	320	ERZ-8012	SRZ-9022*
31B22475	MMU-6001	320	ERB-8012	SRB-9022*
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76211	MZ-4206	340	ERZ-8011	SRZ-9021
76212	MHB-4001	340	ERB-8011	SRB-9021*
LW-14207	MZ-4218	340	ERZ-8011	SRZ-9021*
LW-14208	MHB-4010	340	ERB-8011	SRB-9021*
LW-15571	MZ-4222	340	ERZ-8011	SRZ-9021*
LW-15572	MHB-4016	340	ERB-8011	SRB-9021*
31A22470	MZ-6222	340	ERZ-8011	SRZ-9021*
31B22475	MMU-6001	340	ERB-8012	SRB-9022*
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76211	MZ-4206	360	ERZ-8011	SRZ-9021
76212	MHB-4001	360	ERB-8011	SRB-9021*
76213	MZ-4205	360	ERB-8011	SRZ-9021
76214	MHB-4003	360	ERB-8011	SRB-9021
LW-14207	MZ-4218	360	ERZ-8011	SRZ-9021*
LW-14208	MHB-4010	360	ERB-8011	SRB-9021*
LW-14209	MZ-4217	360	ERB-8011	SRZ-9021
LW-14210	MHB-4012	360	ERB-8011	SRB-9021
LW-15571	MZ-4222	360	ERZ-8011	SRZ-9021*
LW-15572	MHB-4016	360	ERB-8011	SRB-9021*
LW-15574	MHB-4019	360	ERB-8011	SRB-9021
LW-18047	MZ-4225	360	ERZ-8011	SRZ-9031*
LW-18989	MZ-4226	360	ERZ-8011	SRZ-9021
LW-18990	MHB-4020	360	ERB-8011	SRB-9021
31A22470	MZ-6222	360	ERZ-8011	SRZ-9021*
31B22475	MMU-6001	360	ERB-8012	SRB-9022*
31B22476	MHB-6018	360	ERB-8011	SRB-9021*

\* May use right or left hand solenoid, check specific engine/aircraft application.

## LYCOMING NUMBER CROSS REFERENCE

Lycoming Number	Original Vendor No.	Engine Series	New KAPS	
			E-Drive	X-Drive
76211	MZ-4206	540	ERZ-8011	SRZ-9021
76212	MHB-4001	540	ERB-8011	SRB-9021*
LW-11936	MHB-4007	540	ERB-8011	SRB-9021*
LW-14207	MZ-4218	540	ERZ-8011	SRZ-9021*
LW-14208	MHB-4010	540	ERB-8011	SRB-9021*
LW-14213	MHB-4013	540	ERB-8011	SRB-9021*
LW-15572	MHB-4016	540	ERB-8011	SRB-9021*
LW-15577	MHB-4018	540	ERB-8011	SRB-9021*
LW-15571	MZ-4222	540	ERZ-8011	SRZ-9021*
31A22470	MZ-6222	540	ERZ-8011	SRZ-9021*
31B22475	MMU-6001	540	ERB-8012	SRB-9022*
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78791	MHB-4005	TGIO-541	N/A	
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75699	MZ-4207	TIO-541-A	ERZ-8011	SRZ-9021
LW-14211	MZ-4219	TIO-541-A	ERZ-8011	SRZ-9021
LW-15575	MZ-4223	TIO-541-A	ERZ-8011	SRZ-9021
75700	MHB-4002	TIO-541-E	ERB-8011	SRB-9021
LW-14212	MHB-4011	TIO-541-E	ERB-8011	SRB-9021
LW-15576	MHB-4017	TIO-541-E	ERB-8011	SRB-9021

\* May use right or left hand solenoid, check specific engine/aircraft application.

## VENDOR NUMBER CROSS REFERENCE

Lycoming Number	Skytec Number	Lamar Number	Engine Series	New KAPS	
				E-Drive	X-Drive
31A21198	149-12PM		235	ERZ-8011	SRZ-9031
31A21198	149-12LS		235	ERZ-8011	SRZ-9021
31A21210	122-12PM	PM1203	235	ERZ-8012	SRZ-9032
31A21210	122-12LS		235	ERZ-8012	SRZ-9022
31A22100	149-12PM		235	ERZ-8011	SRZ-9031
31A22102	122-12PM		235	ERZ-8012	SRZ-9032
31A22104	149-12LS		235	ERZ-8011	SRZ-9021
31A22106	122-12LS		235	ERZ-8012	SRZ-9022
31A22110	149-12HT		235	N/A	N/A
31A22112	122-12HT		235	N/A	N/A
31A22361		PM1203	235	ERZ-8012	SRZ-9032*
31B21064	149-24PM		235	ERB-8011	SRB-9031
31B21064	149-24LS		235	ERB-8011	SRB-9021
31B21211	122-24PM	PM2403	235	ERB-8012	SRB-9032
31B21211	122-24LS		235	ERB-8012	SRB-9022
31B22101	149-24PM		235	ERB-8011	SRB-9031
31B22103	122-24PM		235	ERB-8012	SRB-9032
31B22105	149-24LS		235	ERB-8011	SRB-9021
31B22107	122-24LS		235	ERB-8012	SRB-9022
31B22111	149-24HT		235	ERB-8011	SRB-9021
31B22113	122-24HT		235	N/A	N/A
31B22362		PM2403	235	ERB-8012	SRB-9032*
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31A21198	149-12PM	PM1204	320	ERZ-8011	SRZ-9031
31A21198	149-12LS		320	ERZ-8011	SRZ-9021
31A21210	122-12PM	PM1203	320	ERZ-8012	SRZ-9032
31A21210	122-12LS		320	ERZ-8012	SRZ-9022
31A22100	149-12PM		320	ERZ-8011	SRZ-9031
31A22100	149-12LS		320	ERZ-8011	SRZ-9021
31A22102	122-12PM		320	ERZ-8012	SRZ-9032
31A22106	122-12LS		320	ERZ-8012	SRZ-9022
31A22110	149-12HT		320	N/A	N/A
31A22112	122-12HT		320	N/A	N/A
31A22206		PM1201	320	ERZ-8011	SRZ-9031*
31A22361		PM1203	320	ERZ-8012	SRZ-9032*
31B21064	149-24PM	PM2401	320	ERB-8011	SRB-9031
31B21064	149-24LS		320	ERB-8011	SRB-9021
31B21211	122-24PM	PM2403	320	ERB-8012	SRB-9032
31B21211	122-24LS		320	ERB-8012	SRB-9022
31B22101	149-24PM		320	ERB-8011	SRB-9031
31B22103	122-24PM		320	ERB-8012	SRB-9032
31B22105	149-24LS		320	ERB-8011	SRB-9021
31B22107	122-24LS		320	ERB-8012	SRB-9022
31B22111	149-24HT		320	ERB-8011	SRB-9021
31B22113	122-24HT		320	N/A	N/A
31B22207		PM2401	320	ERB-8011	SRB-9031*
31B22362		PM2403	320	ERB-8012	SRB-9032*
31B22552		PM1204	320	ERZ-8011	SRZ-9021*

\* May use right or left hand solenoid, check specific engine/aircraft application.

## VENDOR NUMBER CROSS REFERENCE

Lycoming Number	Skytec Number	Lamar Number	Engine Series	New KAPS	
				E-Drive	X-Drive
31A21198	149-12PM	PM1201	360	ERZ-8011	SRZ-9031
31A21198	149-12LS	PM1204	360	ERZ-8011	SRZ-9021
31A21210	122-12PM		360	ERZ-8012	SRZ-9032
31A21210	122-12LS		360	ERZ-8012	SRZ-9022
31A22100	149-12PM		360	ERZ-8011	SRZ-9031
31A22100	149-12LS		360	ERZ-8011	SRZ-9021
31A22102	122-12PM		360	ERZ-8012	SRZ-9032
31A22106	122-12LS		360	ERZ-8012	SRZ-9022
31A22110	149-12HT		360	N/A	N/A
31A22112	122-12HT		360	N/A	N/A
31A22206		PM1201	360	ERZ-8011	SRZ-9031*
31B22103	122-24PM		360	ERB-8012	SRB-9032
31B22107	122-24LS		360	ERB-8012	SRB-9022
31B22113	122-24HT		360	N/A	N/A
31B21211	122-24PM		360	ERB-8012	SRB-9032
31B21211	122-24LS		360	ERB-8012	SRB-9022
31B21064	149-24PM	PM2401	360	ERB-8011	SRB-9031
31B21064	149-24LS		360	ERB-8011	SRB-9021
31B22101	149-24PM		360	ERB-8011	SRB-9031
31B22105	149-24LS		360	ERB-8011	SRB-9021
31B22111	149-24HT		360	ERB-8011	SRB-9021
31B22207		PM2401	360	ERB-8011	SRB-9031*
31B22552		PM1204	360	ERB-8011	SRZ-9031*
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31A21198	149-12PM	PM1201	540	ERZ-8011	SRZ-9031
31A21198	149-12LS	PM1204	540	ERZ-8011	SRZ-9021
31A21210	122-12PM		540	ERZ-8012	SRZ-9032
31A21210	122-12LS		540	ERZ-8012	SRZ-9022
31B21064	149-24PM	PM2401	540	ERB-8011	SRB-9031
31B21064	149-24LS		540	ERB-8011	SRB-9021
31B21211	122-24PM		540	ERB-8012	SRB-9032
31A22100	149-12PM		540	ERZ-8011	SRZ-9031
31A22100	149-12LS		540	ERZ-8011	SRZ-9021
31A22102	122-12PM		540	ERZ-8012	SRZ-9032
31A22106	122-12LS		540	ERZ-8012	SRZ-9022
31A22110	149-12HT		540	N/A	N/A
31A22112	122-12HT		540	N/A	N/A
31A22206		PM1201	540	ERZ-8011	SRZ-9031*
31B21211	122-24LS		540	ERB-8012	SRB-9022
31B22101	149-24PM		540	ERB-8011	SRB-9031
31B22103	122-24PM		540	ERB-8012	SRB-9032
31B22105	149-24LS		540	ERB-8011	SRB-9021
31B22107	122-24LS		540	ERB-8012	SRB-9022
31B22111	149-24HT		540	ERB-8011	SRB-9021
31B22113	122-24HT		540	N/A	N/A
31B22207		PM2401	540	ERB-8011	SRB-9031*
31B22552		PM1204	540	ERZ-8011	SRZ-9021*
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31B22553		PM2404	LTIO-540	N/A	N/A
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31B22462			720	N/A	N/A

\* May use right or left hand solenoid, check specific engine/aircraft application.

# KAPS DIRECT EXCHANGE CROSS REFERENCE NUMBERS

**KAPS Original  
Model Number**

**KAPS Replacement  
Model Number**

(24 Volt)

MHB-4001	ERB-8011	SRB-9021	SRB-9031
MHB-4002	ERB-8011	SRB-9021	
MHB-4003	ERB-8011	SRB-9021	
MHB-4007	ERB-8011	SRB-9021	SRB-9031
MHB-4010	ERB-8011	SRB-9021	SRB-9031
MHB-4011	ERB-8011	SRB-9021	
MHB-4012	ERB-8011	SRB-9021	
MHB-4013	ERB-8011	SRB-9021	SRB-9031
MHB-4015	ERB-8012	SRB-9022	
MHB-4016	ERB-8011	SRB-9021	SRB-9031
MHB-4016A	ERB-8011	N/A	
MHB-4017	ERB-8011	SRB-9021	
MHB-4018	ERB-8011	SRB-9021	SRB-9031
MHB-4019	ERB-8011	SRB-9021	
MHB-4020	ERB-8011	SRB-9021	
MMU-4001	ERB-8012	SRB-9022	SRB-9032
MHB-6016	ERB-8011	SRB-9021	SRB-9031
MHB-6018	ERB-8011	SRB-9021	SRB-9031
MMU-6001	ERB-8012	SRB-9022	SRB-9032

(12 Volt)

MZ-4204	ERZ-8012	SRZ-9022	SRZ-9032
MZ-4205	ERZ-8011	SRZ-9021	
MZ-4206	ERZ-8011	SRZ-9021	
MZ-4207	ERZ-8011	SRZ-9021	
MZ-4217	ERZ-8011	SRZ-9021	
MZ-4218	ERZ-8011	SRZ-9021	SRZ-9031
MZ-4219	ERZ-8011	SRZ-9021	
MZ-4222	ERZ-8011	SRZ-9021	SRZ-9031
MZ-4223	ERZ-8011	SRZ-9021	
MZ-4224	ERZ-8011	SRZ-9021	SRZ-9031
MZ-4225	ERZ-8011	SRZ-9021	SRZ-9031
MZ-4226	ERZ-8011	SRZ-9021	
MZ-6204	ERZ-8012	SRZ-9022	SRZ-9032
MZ-6222	ERZ-8011	SRZ-9021	SRZ-9031
MZ-6224	ERZ-8011	SRZ-9021	SRZ-9031
MZ-6226	ERZ-8011	SRZ-9021	