



## SureFly Ignition Modules

# SIM4P, SIM4N, SIM6L & SIM6C

## APPLICATION GUIDE

Document No. SF2010, Revision B

### Revision History

Revision:	Date:	Description:	Approved By:
IR	07/18/2019	Initial release.	RVC
A	08/27/2019	Fixed PA-12 & PA-24 eligibility	RVC
B	08/29/2019	Updated variable timing availability for AML amendment dated 08/27/2019	RVC

**THIS DOCUMENT IS A QUICK REFERENCE APPLICATION GUIDE ONLY.  
THIS GUIDE DOES NOT AUTHORIZE INSTALLATION. PLEASE SEE SUREFLY'S  
FAA APPROVED AML STC'S FOR AUTHORIZATION.**

*IT IS MANDATORY THAT YOU REFER TO THE "NOTES" FOR YOUR PARTICULAR AIRCRAFT TO  
DETERMINE SUITABILITY.*

**NOTE 1:** O-300 SERIES, C-145, E SERIES, GO-480 ENGINES NOT AVAILABLE, INSTALLATION PENDING.

**NOTE 2:** C-75, C-85, C-90 WITH -12 OR LATER ACCESSORY CASES OK.

**NOTE 3:** AIRCRAFT WITH ENGINE UPGRADES MAY BE APPROVED.

**NOTE 4:** SIM TIMING LIMITED TO BASIC TIMING ONLY. ADVANCE TIMING PENDING.

**NOTE 5:** BENDIX SINGLE DRIVE DUAL MAGNETO REPLACEMENT NOT AVAILABLE.

**MANY AIRCRAFT NOT LISTED IN THIS GUIDE ARE PENDING FAA APPROVAL.  
PLEASE CALL SUREFLY @ [817-373-5161](tel:817-373-5161) WITH APPLICATION QUESTIONS.**

<b>Make</b>	<b>Model</b>	<b>SIM</b>	<b>Notes</b>
<b>Aermacchi S.p.A</b>	F.260, F.260B, F.260C, F.260D, F.260E, F.260F	<b>SIM6L</b>	4
<b>Aeromere</b>	Falco F.8.L	<b>SIM4P -or- SIM4N</b>	4
<b>AeroSedan, LLC</b> Aeronca	15AC, S15AC	<b>Pending</b>	1, 3, 4
<b>Bellanca</b>	14-19, 14-19-2, 14-19-3, 14-19-3A	<b>SIM6C</b>	3, 4 O-435 N/A
	17-30, 17-30A	<b>SIM6C</b>	4
	17-31, 17-31A	<b>SIM6L</b>	4
<b>American Champion</b>	7ECA, 7GCAA, 7GCBC, 7KCAB, 7EC, S7EC, 7FC, 7GC, 7HC, 7GCA, 7JC, 7GCB, 7KC, 7GCBA, 7AC, 7BCM, 7CCM, 7DC, S7DC, S7CCM	<b>SIM4P -or- SIM4N</b>	2, 3
	8KCAB, 8GCBC	<b>SIM4P -or- SIM4N</b>	
<b>Aviat Aircraft, Inc.</b> Husky	A-1, A-1A, A-1B, A-1C-180, A-1C-200	<b>SIM4P -or- SIM4N</b>	4
<b>Aviat Aircraft, Inc.</b> Pitts	S-1S, S-1T, S-2, S-2A,	<b>SIM4P -or- SIM4N</b>	4
	S-2S, S-2B, S-2C	<b>SIM6L</b>	
<b>Beechcraft</b>	19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R	<b>SIM4P -or- SIM4N</b>	
	35-C33A, E33A, E33C, F33A, F33C, S35 Non-turbo, V35 Non-turbo, V35A Non-turbo, V35B Non-turbo, 36, A36, G36	<b>SIM6C</b>	4
	E33, F33, G33, H35, J35, K35, K35, M35, N35, P35, 35-33, 35-A33, 35-B33, 35-C33	<b>SIM6C</b>	
	35, A35, B35, C35, D35, E35, F35, G35, 35R	<b>Pending</b>	1, 3, 4
	77 Skipper	<b>SIM4P -or- SIM4N</b>	4

<b>Cessna</b>	120,140	<b>SIM4P -or- SIM4N</b>	
	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 152, A152	<b>SIM4P -or- SIM4N</b>	
	170, 170A, 170B	<b>Pending</b>	1, 3
	172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S	<b>SIM4P -OR- SIM4N</b>	1
	172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A),	<b>Pending</b>	1, 3
	Cessna F172D, Cessna F172E, Cessna F172F, Cessna F172G, Cessna F172H, Cessna F172K, Cessna F172L, Cessna F172M, Cessna F172N, Cessna F172P, Cessna FP172D	<b>SIM4P -or- SIM4N</b>	4
	Cessna FR172K, Cessna FR172E, Cessna FR172F, Cessna FR172G, Cessna FR172H, Cessna FR172J	<b>SIM4P -or- SIM4N</b>	4
	175, 175A, 175B, 175C, P172D, R172E (USAF T-41B) (USAF T-41C or D), R172F (USAF T-41D), R172G (USAF T-41C or D), R172H (USAF T-41D), R172J, 172RG, R172K	<b>SIM4P -or- SIM4N</b>	1, 3, 5
	177, 177A, 177B	<b>SIM4P -or- SIM4N</b>	
	177RG	<b>SIM4P -or- SIM4N</b>	5
	Cessna F177RG	<b>SIM4P -or- SIM4N</b>	5
	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	<b>SIM6C</b>	
	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R,	<b>SIM6C</b>	
	182S, 182T	<b>SIM6L</b>	
	Cessna F182P, Cessna F182Q		
	185, 185A, 185B, 185C, 185D, 185E	<b>SIM6C</b>	
	A185E, A185F	<b>SIM6C</b>	
	206, P206, P206A, P206B, P206C, P206D, P206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, 206H	<b>SIM6C</b>	4
	210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, 210N, 210R, 210-5 (205), 210-5A (205A)	<b>SIM6C</b>	4
	<b>Cessna, Columbia, Lancair</b>	LC40-550FG, LC42-550FG	<b>SIM6C</b>
<b>Cirrus Design Corporation</b>	SR22	<b>SIM6C</b>	4, SR 20 engine approval Pending
<b>Commander Aircraft Corporation</b>	112, 112B,	<b>SIM4P -or- SIM4N</b>	
	114B	<b>SIM6L</b>	
<b>Diamond Aircraft Industries, Inc.</b>	DA20-C1	<b>Pending</b>	Engine approval pending
	DA 40, DA 40 F	<b>SIM4P -or- SIM4N</b>	

<b>Extra</b>	EA 300, EA 300/L, EA 300/S, EA 300/200, EA 300/LC	<b>SIM6L</b>	4
<b>Good Earthkeeping Organization, Inc.</b> (Team Luscombe, LLC)	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F	<b>SIM4P -or- SIM4N</b>	2, 3, 4
<b>Pacific Aerospace Ltd.</b> (Found Aircraft Canada, Inc.)	FBA-2C, FBA-2C1, FBA-2C2, FBA-2C3, FBA-2C4	<b>SIM6L</b>	4
<b>GA 8 Airvan (Pty) Ltd</b>	GA8	<b>SIM6L</b>	4
<b>GROB Aircraft AG</b>	G120A	<b>SIM6L</b>	4
	G115A, G115B, G115C2, G115C, G115D2, G115D, G115EG, G115	<b>SIM4P -or- SIM4N</b>	4
<b>Interceptor Aircraft, Inc.</b> (Meyers)	200, 200A, 200B, 200C, 200D	<b>SIM6C</b>	4
<b>Lavia Argentina S.A.</b>	PA-25, PA-25-235, PA-25-260	<b>SIM6L</b>	4
<b>Maule Aerospace Technology, Inc.</b>	Bee Dee M-4, M-4-180V, M-4-210C, M-4-210S, M-4-210T, M-4-210, M-4C, M-4S, M-4T, M-4, M-5-180C, M-6-180, MX-7-160C, MX-7-160, MX-7-180AC, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180, MXT-7-160, MXT-7-180A, MXT-7-180,	<b>SIM4P -or- SIM4N</b>	1, 3, 5
	M-5-210C	<b>SIM6C</b>	CM IO-360
	M-5-235C, M-6-235, M-7-235A, M-7-235B, M-7-235C, M-7-235, M-7-260C, M-7-260, M-8-235, MT-7-235, MT-7-260, MX-7-235, M-9-235	<b>SIM6L</b>	3, 5
<b>Mooney International Corporation</b>	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J	<b>SIM4P -or- SIM4N</b>	5, J with IO-360–A3B6 engine only
	M20R, M20S, M20U	<b>SIM6C</b>	4
<b>MICCO Aircraft Company, Inc</b>	MAC-145	<b>Pending</b>	1, 3, 4
	MAC-145A	<b>SIM4P -or- SIM4N</b>	4
	MAC-145B	<b>SIM6L</b>	4

<b>Piper Aircraft, Inc.</b>	PA-12	<b>SIM4P -or- SIM4N</b>	
	PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S	<b>SIM4P -or- SIM4N</b>	
	PA-16, PA-16S	<b>SIM4P -or- SIM4N</b>	
	PA-20, PA-20S, PA-20 "115", PA-20S "115", PA-20 "135", PA-20S "135"	<b>SIM4P -or- SIM4N</b>	
	PA-24	<b>SIM4P -or- SIM4N</b>	
	PA-24-250	<b>SIM6L</b>	5
	PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-235, PA-28S-160, PA-28R-180, PA-28S-180, PA-28-181, PA-28R-200, PA-28R-201, PA-28RT-201	<b>SIM4P -or- SIM4N</b>	
	PA-38-112	<b>SIM4P -or- SIM4N</b>	4
	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT- 300, PA-32R-301(SP), PA-32R-301(HP), PA-32-301, PA-32-301FT	<b>SIM6L</b>	4
<b>Revo, Incorporated</b>	Lake Model 250	<b>SIM6L</b>	
	Colonial C-1, Colonial C-2, Lake LA-4-200, Lake LA-4A, Lake LA-4P, Lake LA-4,	<b>SIM4P -or- SIM4N</b>	
<b>SOCATA Morane Saulnier Rallye</b>	Rallye 235E, Rallye 235C	<b>SIM6L</b>	4
	Rallye 100S, Rallye 150ST, Rallye 150T, MS 880B, MS 885, MS 894A, MS 893A, MS 892A-150, MS 892E-150, MS 893E	<b>SIM4P -or- SIM4N</b>	1, 3, 4
<b>Swift Museum Foundation, Inc.</b>	GC-1A, GC-1B	<b>Pending</b>	1, 3, 4
<b>Grumman True Flight Holdings LLC</b> [American General]	AA-1, AA-1A, AA-1B, AA-1C	<b>SIM4P -or- SIM4N</b>	
	AA-5, AA-5A	<b>SIM4P -or- SIM4N</b>	
	AA-5B, AG-5B	<b>SIM4P -or- SIM4N</b>	
<b>Univair Aircraft Corporation</b> [ERCO, Alon, Forney, Mooney]	415-C, 415-CD	<b>SIM4P -or- SIM4N</b>	4
	415-D, A-2, A2-A, E, F-1A, F-1, G, M10	<b>SIM4P -or- SIM4N</b>	4