

# Champion Aerospace

Slick and Champion® Aircraft Products

## F-1100 MASTER SERVICE MANUAL

### INDEX

July 02, 2015

#### MANUAL COPYRIGHT STATEMENT (L-1108B)

1.	<b>INDEX</b>	
	A. Master Service Manual Index (L-1085D)	Jul 02/15
2.	<b>GENERAL INFORMATION</b>	
	A. Service Manual Introduction (L-1087C)	Mar 01/09
	B. Distributor Listing (L-1051)	Mar 01/09
	C. Warranty Statement and Inst. (L-1096E)	Mar 01/09
3.	<b>APPLICATION DATA</b>	
	A. Consolidated Application Data (L-1318H)	Mar 01/09
4.	<b>INSTALLATION AND OPERATION</b>	
	A. Slick Harness Installation & Maintenance Manual (L-1499B)	Jul 06/10
	B. K-3303 Pressurized Magneto Seal Kit Installation Instructions (L-1329C)	Mar 01/09
5.	<b>MAINTENANCE AND OVERHAUL</b>	
	A. 4200/6200 Series Magneto Maintenance & Overhaul Manual (L-1037H)	Mar 01/09
	B. 4300/6300 Series Magneto Maintenance & Overhaul Manual (L-1363F)	Jan 05/11
	C. 600 Series Magnetos (L-1020C)	Mar 01/09
6.	<b>ADVERTISING/PROMOTION</b>	
	A. Rebate Program Brochure (L-1470F)	Mar 01/09
	B. Complete Ignition Systems (SS112A)	Mar 01/09
	C. Open for Inspection (L-1381B)	Mar 01/09
	D. Slick Harness Brochure (JP00752A)	Mar 01/09

**PLEASE NOTE:** It is your responsibility to ensure this manual is complete and up to date. Champion Aerospace takes no responsibility beyond the initial packaging of these materials.

## 7. SLICK SERVICE BULLETINS

A. SB1-69-A: Loose Dist. Blocks, #662	Oct 10/85
B. SB1-70-A: Contact Point Burning and Cam Wear, 400 and 600 Series	Oct 10/85
C. SB1-73-A: Impulse Coupling, #447, 600 Series	Oct 10/85
D. SB1-78-A: Condensers in Tomahawks, #4050, #4051 and 4081	Oct 10/85
E. SB1-80-A: Soft Rivet A.D., #447, #600, 4200 and 6200 Series	Oct 10/85
F. SB2-80-C: Magneto Maintenance Schedule 400/600, 4000/6000, 4200/6200, 4300/6300 Series	Apr 1/91
G. SB3-80-B: Broken Flanges, All Magnetos	Sep 15/94
H. SB2-82-A: Dist. Block Mounting Screws, 600 Series	Oct 10/85
I. SB1-83-A: Misaligned Index Plate T-100 Kit	Oct 10/85
J. SB2-83-B: Design Changes, 600 Series	Jun 1/87
K. SB3-83-A: Defective Coils, 600 Series	Oct 10/85
L. SB1-86-C: Impulse Coupling Inspection	Dec 16/03
M. SB1-88-B: Inspection Models 6320, 6324, 6360, 6361, 6363, and 6365 Pressurized Magneto	Oct 26/04
N. SB2-88-A: 4200 Series Magneto Bearing Inspection	Sep 15/94
O. SB3-88-A: 6200 Series Magneto Bearing Inspection	Sep 15/94
P. SB1-89-B: Single Magneto Ignition Systems Maintenance Schedule	Mar 1/93
Q. SB1-95: 4000/4100 Series Magnetos	Dec 1/95
R. SB1-98-A: Impulse Coupling Inspection for Certain Lycoming IO-540 Series Engines	Dec 16/03
S. SB1-00C: Impulse Coupling Stop Pin, 6314, 6324, and 6327 Magnetos	Jun 3/2010
T. SB1-07 Clarification of Torque Requirements	May 31/07
U. SB3-07 Replacement of Impulse Coupling Assembly in certain Slick Mags	Mar 31/07
V. SB2-08-B Mandatory inspections on all Slick 4300/6300 and LASAR™ 4700/6700 magnetos (Corrected Copy)	Apr 23/2010
W. SB3-08-B Mandatory inspections on all Slick 4200/4300/6200/6300 and LASAR™ 4700/6700 magnetos	Apr 23/2010
X. SB1-12 Single Point Magneto points replacement	Sep 06/2012
Y. SB1-15 Potential decreased service life of Slick 4-cylinder magneto distributor gear	Jul 02/2015

## 8. SLICK SERVICE LETTERS

A. SL1-89B: (4) and (6) Cylinder Supersedure Charts	May 23/03
B. SL1-91B: 6300 Series Magnetos for TCM 0-300 & C-145 Engines	Mar 30/01
C. SL2-91A: 6300 Series Magnetos from TCM/GO-300 Engines	Dec 15/96
D. SL3-91: Non-Impulse Magnetos for TCM A65 Engines	Nov 6/92
E. SL3-92C: 6300 Series Magnetos for Franklin 6 cyl. Engines	Mar 26/09
F. SL1-93: Impulse Magnetos for TCM A65 Engines	Jul 1/93
G. SL2-93A: Dual Impulse Upgrade for Lycoming 4 cyl. Engines	Oct 31/96
H. SL1-94: Retard Breaker Magnetos for TCM Engines	Nov 14/94
I. SL2-94: Impulse Magnetos with Gear for A-65 Engines	Mar 1/95
J. SL3-94: Impulse Magnetos for TCM "E" Series Engines	Nov 30/94
K. SL1-10: Slick 400, 600, 4200, and 6200 Series Magneto Replacement	Jul 16/2010
L. SL 4300/6300-74-20-001: Timing Inspection Information	Feb 18/2015

## 9. SlickSTART™

A. L1493C: SlickSTART™ flyer	Mar 01/09
B. SL2-96G: SlickSTART™ service letter	Sep 24/09
C. L-1492E: Operation, Maintenance, and Troubleshooting Manual	Mar 01/09
D. SB1-06A: SlickSTART™ service bulletin	Sep 12/06

Champion Aerospace LLC  
1230 Old Norris Road  
Liberty, South Carolina U.S.A. 29657  
[www.championaerospace.com](http://www.championaerospace.com)