

Section 6.0

HARNESSES APPLICATION (3/4”)

HARNESSES 3/4”

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
1230 Old Norris Road
Liberty, South Carolina, U.S.A. 29657
© 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-1/(6-2 Blank)	H

Franklin

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		SA-20; SA-200		S6-20; S6-200		SA-1200		S6-1200		D2000; D3000		Notes
4A-235-B31 (32°, 116HP)	M4049	M2096	M2095	X																
4A-235-B4 (26°, 125HP)	M4049	M2096	M2095	X																
6A-350-C1 (28°, 220HP)	M6089	M6087	M6088		X															9
6A-350-C1 (28°, 220HP)	M2769	M2770	M2771								X									9
6A-350-C1A (28°, 220HP)	M6089	M6087	M6088		X															9
6A-350-C1A (28°, 220HP)	M2769	M2770	M2771								X									9
6A-350-C2 (28°, 215HP)	M6089	M6087	M6088		X															9
6A-350-C2 (28°, 215HP)	M2769	M2770	M2771								X									9
6A-350-C2A (28°, 212HP)	M6089	M6087	M6088		X															9
6A-350-C2A (28°, 212HP)	M2769	M2770	M2771								X									9
6A-350-D1 (28°, 200HP)	M6089	M6087	M6088		X															9
6A-350-D1 (28°, 200HP)	M2769	M2770	M2771								X									9
6A-350-D1A (28°, 230HP)	M6089	M6087	M6088		X															9
6A-350-D1A (28°, 230HP)	M2769	M2770	M2771								X									9
6A-350-D1B (28°, 220HP)	M6089	M6087	M6088		X															9
6A-350-D1B (28°, 220HP)	M2769	M2770	M2771								X									9
6A4-150-B3 (28°, 150HP)	M2769	M2770	M2771								X									
6A4-150-B31 (28°, 150HP)	M2769	M2770	M2771								X									
6A4-150-B31 (28°, 150HP)	M6089	M6087	M6088		X															
6A4-150-B4 (28°, 150HP)	M2769	M2770	M2771								X									
6A4-150-B4 (28°, 150HP)	M6089	M6087	M6088		X															
6A4-165-B3 (32°, 165HP)	M2769	M2770	M2771								X									
6A4-165-B3 (32°, 165HP)	M6089	M6087	M6088		X															
6A4-165-B4 (32°, 165HP)	M2769	M2770	M2771								X									
6A4-165-B4 (32°, 165HP)	M6089	M6087	M6088		X															
6A4-165-B6 (32°, 165HP)	M2769	M2770	M2771								X									
6A4-165-B6 (32°, 165HP)	M6089	M6087	M6088		X															
6AS-335-A (30°, 260HP)	M2769	M2770	M2771								X									9
6AS-335-B (30°, 260HP)	M2769	M2770	M2771								X									9
6AS-350-A (25°, 250HP)	M2769	M2770	M2771								X									9
6AS-350-A1 (25°, 250HP)	M2769	M2770	M2771								X									9
6V-335-A (32°, 210HP)	M2769	M2770	M2771								X									9
6V-335-A (36°, 210HP)	M2769	M2770	M2771								X									9
6V-335-B (32°, 210HP)	M2769	M2770	M2771								X									9
6V4-200-C32 (36°, 200HP)	M2769	M2770	M2771								X									
6V4-200-C33 (36°, 200HP)	M2769	M2770	M2771								X									

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
1230 Old Norris Road
Liberty, South Carolina, U.S.A. 29657
© 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-3	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
C-125-2 (28°, 125HP)	M2336	M2338	M2337				X				
C-145-2 (26°, 145HP)	M2935	M2933	M2934	X							
C-145-2 (26°, 145HP)	M2318	M2320	M2319		X						
C-145-2 (26°, 145HP)	M2336	M2338	M2337				X				
C-145-2H (26°, 145HP)	M2935	M2933	M2934	X							
C-145-2H (26°, 145HP)	M2318	M2320	M2319		X						
C-145-2H (26°, 145HP)	M2336	M2338	M2337				X				
C-145-2HP (26°, 145HP)	M2935	M2933	M2934	X							
C-145-2HP (26°, 145HP)	M2318	M2320	M2319		X						
C-145-2HP (26°, 145HP)	M2336	M2338	M2337				X				
E-165-2 (26°, 165HP)	M6071	M6069	M6070	X							
E-165-2 (26°, 165HP)	M2339	M2340	M2341				X				
E-165-3 (26°, 165HP)	M6071	M6069	M6070	X							
E-165-3 (26°, 165HP)	M2339	M2340	M2341				X				
E-165-4 (26°, 165HP)	M6071	M6069	M6070	X							
E-165-4 (26°, 165HP)	M2339	M2340	M2341				X				
E-185-1 (26°, 205HP)	M6071	M6069	M6070	X							
E-185-1 (26°, 205HP)	M2339	M2340	M2341				X				
E-185-10 (26°, 205HP)	M6071	M6069	M6070	X							
E-185-10 (26°, 205HP)	M2339	M2340	M2341				X				
E-185-11 (26°, 205HP)	M6071	M6069	M6070	X							
E-185-11 (26°, 205HP)	M2339	M2340	M2341				X				
E-185-2 (26°, 185HP)	M6071	M6069	M6070	X							
E-185-2 (26°, 185HP)	M2339	M2340	M2341				X				
E-185-3 (26°, 205HP)	M6071	M6069	M6070	X							
E-185-3 (26°, 205HP)	M2339	M2340	M2341				X				
E-185-5 (26°, 185HP)	M6071	M6069	M6070	X							
E-185-5 (26°, 185HP)	M2339	M2340	M2341				X				
E-185-8 (26°, 205HP)	M6071	M6069	M6070	X							
E-185-8 (26°, 205HP)	M2339	M2340	M2341				X				
E-185-9 (26°, 205HP)	M6071	M6069	M6070	X							
E-185-9 (26°, 205HP)	M2339	M2340	M2341				X				
E-225-2 (26°, 225HP)	M6071	M6069	M6070	X							
E-225-2 (26°, 225HP)	M2339	M2340	M2341				X				
E-225-4 (26°, 225HP)	M6071	M6069	M6070	X							
E-225-4 (26°, 225HP)	M2339	M2340	M2341				X				
E-225-8 (26°, 225HP)	M6071	M6069	M6070	X							
E-225-8 (26°, 225HP)	M2339	M2340	M2341				X				
E-225-9 (26°, 225HP)	M6071	M6069	M6070	X							
E-225-9 (26°, 225HP)	M2339	M2340	M2341				X				

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-4	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
GO-300-A (28°,175HP)	M2941	M2939	M2940	X							
GO-300-A (28°,175HP)	M2342				X						
GO-300-A (28°,175HP)	M2348	M2350	M2349				X				
GO-300-B (28°,175HP)	M2941	M2939	M2940	X							
GO-300-B (28°,175HP)	M2342				X						
GO-300-B (28°,175HP)	M2348	M2350	M2349				X				
GO-300-C (28°,175HP)	M2941	M2939	M2940	X							
GO-300-C (28°,175HP)	M2342				X						
GO-300-C (28°,175HP)	M2348	M2350	M2349				X				
GO-300-D (28°,175HP)	M2941	M2939	M2940	X							
GO-300-D (28°,175HP)	M2342				X						
GO-300-D (28°,175HP)	M2348	M2350	M2349				X				
GO-300-E (28°,175HP)	M2941	M2939	M2940	X							
GO-300-E (28°,175HP)	M2342				X						
GO-300-E (28°,175HP)	M2348	M2350	M2349				X				
GTSIO-520-C (22°,340HP)	M2100	M2115	M2110				X				
GTSIO-520-C (22°,340HP)	M1950	M1955	M1945					X			
GTSIO-520-D (20°,375HP)	M2100	M2115	M2110				X				
GTSIO-520-D (20°,375HP)	M1950	M1955	M1945					X			
GTSIO-520-E (20°,375HP)	M2100	M2115	M2110				X				
GTSIO-520-E (20°,375HP)	M1950	M1955	M1945					X			
GTSIO-520-F (20°,435HP)	M2100	M2115	M2110				X				
GTSIO-520-F (20°,435HP)	M1950	M1955	M1945					X			
GTSIO-520-H (20°,375HP)	M2100	M2115	M2110				X				
GTSIO-520-H (20°,375HP)	M1950	M1955	M1945					X			
GTSIO-520-K (20°,435HP)	M2100	M2115	M2110				X				
GTSIO-520-K (20°,435HP)	M1950	M1955	M1945					X			
GTSIO-520-L (24°,375HP)	M2100	M2115	M2110				X				
GTSIO-520-L (24°,375HP)	M1950	M1955	M1945					X			
GTSIO-520-M (24°,375HP)	M2100	M2115	M2110				X				
GTSIO-520-M (24°,375HP)	M1950	M1955	M1945					X			
GTSIO-520-N (24°,375HP)	M2100	M2115	M2110				X				
GTSIO-520-N (24°,375HP)	M1950	M1955	M1945					X			
IO-240-B (26°,125HP)	M4045	M4043	M4044	X							
IO-346-A (24°,165HP)	M2332	M2334	M2333				X				
IO-346-B (24°,165HP)	M2332	M2334	M2333				X				
IO-360-A (20°,210HP)	M2015	M2025	M2020				X				
IO-360-A (20°,210HP)	M2778	M2781	M2782	X							
IO-360-A (20°,210HP)	M2046	M2048	M2047					X			
IO-360-B (20°,180HP)	M2015	M2025	M2020				X				
IO-360-B (20°,180HP)	M2778	M2781	M2782	X							
IO-360-B (20°,180HP)	M2046	M2048	M2047					X			

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-5	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
IO-360-C (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-C (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-C (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-CB (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-CB (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-CB (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-D (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-D (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-D (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-DB (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-DB (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-DB (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-E (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-E (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-E (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-ES (24°, 210HP)	M2015	M2025	M2020				X				
IO-360-ES (24°, 210HP)	M2778	M2781	M2782	X							
IO-360-ES (24°, 210HP)	M2046	M2048	M2047						X		
IO-360-G (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-G (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-G (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-GB (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-GB (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-GB (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-H (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-H (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-H (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-HB (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-HB (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-HB (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-J (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-J (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-J (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-JB (20°, 210HP)	M2015	M2025	M2020				X				
IO-360-JB (20°, 210HP)	M2778	M2781	M2782	X							
IO-360-JB (20°, 210HP)	M2046	M2048	M2047						X		
IO-360-K (20°, 195HP)	M2015	M2025	M2020				X				
IO-360-K (20°, 195HP)	M2778	M2781	M2782	X							
IO-360-K (20°, 195HP)	M2046	M2048	M2047						X		
IO-360-KB (20°, 195HP)	M2015	M2025	M2020				X				
IO-360-KB (20°, 195HP)	M2778	M2781	M2782	X							
IO-360-KB (20°, 195HP)	M2046	M2048	M2047						X		
IO-470-A (24°, 240HP)	M2381	M2380	M2379	X							
IO-470-A (24°, 240HP)	M1480				X						
IO-470-A (24°, 240HP)	M1990				X						

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-6	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
IO-470-A (24°,240HP)	M1730	M1885	M1890					X			
IO-470-A (24°,240HP)	M2216	M2218	M2217						X		
IO-470-C (26°,250HP)	M2381	M2380	M2379	X							
IO-470-C (26°,250HP)	M1480				X						
IO-470-C (26°,250HP)	M1990				X						
IO-470-C (26°,250HP)	M1730	M1885	M1890					X			
IO-470-C (26°,250HP)	M2216	M2218	M2217						X		
IO-470-D (20°,260HP)	M2381	M2380	M2379	X							
IO-470-D (20°,260HP)	M1480				X						
IO-470-D (20°,260HP)	M1990				X						
IO-470-D (20°,260HP)	M1730	M1885	M1890					X			
IO-470-D (20°,260HP)	M2216	M2218	M2217						X		
IO-470-E (20°,260HP)	M2381	M2380	M2379	X							
IO-470-E (20°,260HP)	M1480				X						
IO-470-E (20°,260HP)	M1990				X						
IO-470-E (20°,260HP)	M1730	M1885	M1890					X			
IO-470-E (20°,260HP)	M2216	M2218	M2217						X		
IO-470-F (20°,260HP)	M2381	M2380	M2379	X							
IO-470-F (20°,260HP)	M1480				X						
IO-470-F (20°,260HP)	M1990				X						
IO-470-F (20°,260HP)	M1730	M1885	M1890					X			
IO-470-F (20°,260HP)	M2216	M2218	M2217						X		
IO-470-G (26°,250HP)	M2381	M2380	M2379	X							
IO-470-G (26°,250HP)	M1480				X						
IO-470-G (26°,250HP)	M1990				X						
IO-470-G (26°,250HP)	M1730	M1885	M1890					X			
IO-470-G (26°,250HP)	M2216	M2218	M2217						X		
IO-470-H (20°,260HP)	M2381	M2380	M2379	X							
IO-470-H (20°,260HP)	M1480				X						
IO-470-H (20°,260HP)	M1990				X						
IO-470-H (20°,260HP)	M1730	M1885	M1890					X			
IO-470-H (20°,260HP)	M2216	M2218	M2217						X		
IO-470-J (22°,225HP)	M2381	M2380	M2379	X							
IO-470-J (22°,225HP)	M1480				X						
IO-470-J (22°,225HP)	M1990				X						
IO-470-J (22°,225HP)	M1730	M1885	M1890					X			
IO-470-J (22°,225HP)	M2216	M2218	M2217						X		
IO-470-K (22°,225HP)	M2381	M2380	M2379	X							
IO-470-K (22°,225HP)	M1480				X						
IO-470-K (22°,225HP)	M1990				X						
IO-470-K (22°,225HP)	M1730	M1885	M1890					X			
IO-470-K (22°,225HP)	M2216	M2218	M2217						X		
IO-470-L (20°,260HP)	M2381	M2380	M2379	X							
IO-470-L (20°,260HP)	M1480				X						
IO-470-L (20°,260HP)	M1990				X						
IO-470-L (20°,260HP)	M1730	M1885	M1890					X			

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-7	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		D2000; D3000	Notes
IO-470-L (20°,260HP)	M2216	M2218	M2217														X		
IO-470-LO (20°,260HP)	M2381	M2380	M2379	X															
IO-470-LO (20°,260HP)	M1480					X													
IO-470-LO (20°,260HP)	M1990					X													
IO-470-LO (20°,260HP)	M1730	M1885	M1890							X									
IO-470-LO (20°,260HP)	M2216	M2218	M2217														X		
IO-470-M (20°,260HP)	M2381	M2380	M2379	X															
IO-470-M (20°,260HP)	M1480					X													
IO-470-M (20°,260HP)	M1990					X													
IO-470-M (20°,260HP)	M1730	M1885	M1890							X									
IO-470-M (20°,260HP)	M2216	M2218	M2217														X		
IO-470-N (20°,260HP)	M2381	M2380	M2379	X															
IO-470-N (20°,260HP)	M1480					X													
IO-470-N (20°,260HP)	M1990					X													
IO-470-N (20°,260HP)	M1730	M1885	M1890							X									
IO-470-N (20°,260HP)	M2216	M2218	M2217														X		
IO-470-P (26°,250HP)	M2381	M2380	M2379	X															
IO-470-P (26°,250HP)	M1480					X													
IO-470-P (26°,250HP)	M1990					X													
IO-470-P (26°,250HP)	M1730	M1885	M1890							X									
IO-470-P (26°,250HP)	M2216	M2218	M2217														X		
IO-470-R (26°,250HP)	M2381	M2380	M2379	X															
IO-470-R (26°,250HP)	M1480					X													
IO-470-R (26°,250HP)	M1990					X													
IO-470-R (26°,250HP)	M1730	M1885	M1890							X									
IO-470-R (26°,250HP)	M2216	M2218	M2217														X		
IO-470-S (20°,260HP)	M2381	M2380	M2379	X															
IO-470-S (20°,260HP)	M1480					X													
IO-470-S (20°,260HP)	M1730	M1885	M1890							X									
IO-470-S (20°,260HP)	M2216	M2218	M2217														X		
IO-470-T (26°,250HP)	M2381	M2380	M2379	X															
IO-470-T (26°,250HP)	M1480					X													
IO-470-T (26°,250HP)	M1730	M1885	M1890							X									
IO-470-T (26°,250HP)	M2216	M2218	M2217														X		
IO-470-U (20°,260HP)	M2381	M2380	M2379	X															
IO-470-U (20°,260HP)	M1480					X													
IO-470-U (20°,260HP)	M1730	M1885	M1890							X									
IO-470-U (20°,260HP)	M2216	M2218	M2217														X		
IO-470-V (20°,260HP)	M2381	M2380	M2379	X															
IO-470-V (20°,260HP)	M1480					X													
IO-470-V (20°,260HP)	M1730	M1885	M1890							X									
IO-470-V (20°,260HP)	M2216	M2218	M2217														X		
IO-470-VO (20°,260HP)	M2381	M2380	M2379	X															
IO-470-VO (20°,260HP)	M1480					X													
IO-470-VO (20°,260HP)	M1730	M1885	M1890							X									
IO-470-VO (20°,260HP)	M2216	M2218	M2217														X		

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-8	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
IO-520-A (22°,285HP)	M2381	M2380	M2379	X							
IO-520-A (22°,285HP)	M1480				X						
IO-520-A (22°,285HP)	M1990				X						
IO-520-A (22°,285HP)	M1730	M1885	M1890				X				
IO-520-A (22°,285HP)	M1740	M1940	M1935					X			
IO-520-B (22°,285HP)	M2381	M2380	M2379	X							
IO-520-B (22°,285HP)	M1480				X						
IO-520-B (22°,285HP)	M1990				X						
IO-520-B (22°,285HP)	M1730	M1885	M1890				X				
IO-520-B (22°,285HP)	M1740	M1940	M1935					X			
IO-520-BA (22°,285HP)	M2381	M2380	M2379	X							
IO-520-BA (22°,285HP)	M1480				X						
IO-520-BA (22°,285HP)	M1990				X						
IO-520-BA (22°,285HP)	M1730	M1885	M1890				X				
IO-520-BA (22°,285HP)	M1740	M1940	M1935					X			
IO-520-BB (22°,285HP)	M2381	M2380	M2379	X							
IO-520-BB (22°,285HP)	M1480				X						
IO-520-BB (22°,285HP)	M1990				X						
IO-520-BB (22°,285HP)	M1730	M1885	M1890				X				
IO-520-BB (22°,285HP)	M1740	M1940	M1935					X			
IO-520-C (22°,285HP)	M2381	M2380	M2379	X							
IO-520-C (22°,285HP)	M1480				X						
IO-520-C (22°,285HP)	M1990				X						
IO-520-C (22°,285HP)	M1730	M1885	M1890				X				
IO-520-C (22°,285HP)	M1740	M1940	M1935					X			
IO-520-CB (22°,285HP)	M2381	M2380	M2379	X							
IO-520-CB (22°,285HP)	M1480				X						
IO-520-CB (22°,285HP)	M1990				X						
IO-520-CB (22°,285HP)	M1730	M1885	M1890				X				
IO-520-CB (22°,285HP)	M1740	M1940	M1935					X			
IO-520-D (22°,300HP)	M2381	M2380	M2379	X							
IO-520-D (22°,300HP)	M1480				X						
IO-520-D (22°,300HP)	M1990				X						
IO-520-D (22°,300HP)	M1730	M1885	M1890				X				
IO-520-D (22°,300HP)	M1740	M1940	M1935					X			
IO-520-E (22°,300HP)	M2381	M2380	M2379	X							
IO-520-E (22°,300HP)	M1480				X						
IO-520-E (22°,300HP)	M1990				X						
IO-520-E (22°,300HP)	M1730	M1885	M1890				X				
IO-520-E (22°,300HP)	M1740	M1940	M1935					X			
IO-520-F (22°,300HP)	M2381	M2380	M2379	X							
IO-520-F (22°,300HP)	M1480				X						
IO-520-F (22°,300HP)	M1990				X						
IO-520-F (22°,300HP)	M1730	M1885	M1890				X				
IO-520-F (22°,300HP)	M1740	M1940	M1935					X			
IO-520-J (22°,285HP)	M2381	M2380	M2379	X							

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-9	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
IO-520-J (22°,285HP)	M1480				X						
IO-520-J (22°,285HP)	M1990				X						
IO-520-J (22°,285HP)	M1730	M1885	M1890				X				
IO-520-J (22°,285HP)	M1740	M1940	M1935					X			
IO-520-K (22°,300HP)	M2381	M2380	M2379	X							
IO-520-K (22°,300HP)	M1480				X						
IO-520-K (22°,300HP)	M1990				X						
IO-520-K (22°,300HP)	M1730	M1885	M1890				X				
IO-520-K (22°,300HP)	M1740	M1940	M1935					X			
IO-520-L (22°,300HP)	M2381	M2380	M2379	X							
IO-520-L (22°,300HP)	M1480				X						
IO-520-L (22°,300HP)	M1990				X						
IO-520-L (22°,300HP)	M1730	M1885	M1890				X				
IO-520-L (22°,300HP)	M1740	M1940	M1935					X			
IO-520-M (22°,285HP)	M2381	M2380	M2379	X							
IO-520-M (22°,285HP)	M1480				X						
IO-520-M (22°,285HP)	M1990				X						
IO-520-M (22°,285HP)	M1730	M1885	M1890				X				
IO-520-M (22°,285HP)	M1740	M1940	M1935					X			
IO-520-MB (22°,285HP)	M2381	M2380	M2379	X							
IO-520-MB (22°,285HP)	M1480				X						
IO-520-MB (22°,285HP)	M1990				X						
IO-520-MB (22°,285HP)	M1730	M1885	M1890				X				
IO-520-MB (22°,285HP)	M1740	M1940	M1935					X			
IO-520-N (22°,300HP)	M2381	M2380	M2379	X							
IO-520-N (22°,300HP)	M1480				X						
IO-520-N (22°,300HP)	M1990				X						
IO-520-N (22°,300HP)	M1730	M1885	M1890				X				
IO-520-N (22°,300HP)	M1740	M1940	M1935					X			
IO-520-NB (22°,300HP)	M2381	M2380	M2379	X							
IO-520-NB (22°,300HP)	M1480				X						
IO-520-NB (22°,300HP)	M1990				X						
IO-520-NB (22°,300HP)	M1730	M1885	M1890				X				
IO-520-NB (22°,300HP)	M1740	M1940	M1935					X			
IO-550-A (22°,300HP)	M2381	M2380	M2379	X							
IO-550-A (22°,300HP)	M1740	M1940	M1935					X			
IO-550-B (22°,300HP)	M1740	M1940	M1935					X			
IO-550-B (22°,300HP)	M2381	M2380	M2379	X							
IO-550-C (22°,300HP)	M1740	M1940	M1935					X			
IO-550-C (22°,300HP)	M2381	M2380	M2379	X							
IO-550-D (22°,300HP)	M1740	M1940	M1935					X			
IO-550-D (22°,300HP)	M2381	M2380	M2379	X							
IO-550-E (22°,300HP)	M1740	M1940	M1935					X			
IO-550-F (22°,300HP)	M1740	M1940	M1935					X			
IO-550-F (22°,300HP)	M2381	M2380	M2379	X							

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-10	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
IO-550-G (22°,280HP)	M1740	M1940	M1935							X	
IO-550-L (22°,300HP)	M1740	M1940	M1935							X	
IO-550-L (22°,300HP)	M2381	M2380	M2379	X							
IO-550-N (22°,310HP)	M1740	M1940	M1935							X	
LTSIO-360-E (20°,200HP)	M2015	M2025	M2020					X			
LTSIO-360-E (20°,200HP)	M2046	M2048	M2047							X	
LTSIO-360-EB (20°,200HP)	M2015	M2025	M2020					X			
LTSIO-360-EB (20°,200HP)	M2046	M2048	M2047							X	
LTSIO-360-KB (20°,220HP)	M2015	M2025	M2020					X			
LTSIO-360-KB (20°,220HP)	M2046	M2048	M2047							X	
LTSIO-360-RB (22°,220HP)	M2015	M2025	M2020					X			
LTSIO-360-RB (22°,220HP)	M2046	M2048	M2047							X	
LTSIO-520-AE (20°,250HP)	M1730	M1885	M1890					X			
LTSIO-520-AE (20°,250HP)	M1740	M1940	M1935							X	
O-300-A (26°,145HP)	M2935	M2933	M2934	X							
O-300-A (26°,145HP)	M2318	M2320	M2319		X						
O-300-A (26°,145HP)	M2336	M2338	M2337					X			
O-300-B (26°,145HP)	M2935	M2933	M2934	X							
O-300-B (26°,145HP)	M2318	M2320	M2319		X						
O-300-B (26°,145HP)	M2336	M2338	M2337					X			
O-300-C (26°,145HP)	M2935	M2933	M2934	X							
O-300-C (26°,145HP)	M2318	M2320	M2319		X						
O-300-C (26°,145HP)	M2336	M2338	M2337					X			
O-300-D (26°,145HP)	M2935	M2933	M2934	X							
O-300-D (26°,145HP)	M2318	M2320	M2319		X						
O-300-D (26°,145HP)	M2336	M2338	M2337					X			
O-300-E (26°,145HP)	M2935	M2933	M2934	X							
O-300-E (26°,145HP)	M2318	M2320	M2319		X						
O-300-E (26°,145HP)	M2336	M2338	M2337					X			
O-470-11 (26°,213HP)	M6071	M6069	M6070	X							
O-470-11 (26°,213HP)	M2339	M2340	M2341					X			
O-470-11B (26°,213HP)	M6071	M6069	M6070	X							
O-470-11B (26°,213HP)	M2339	M2340	M2341					X			
O-470-11B-C1 (26°,213HP)	M6071	M6069	M6070	X							
O-470-11B-C1 (26°,213HP)	M2339	M2340	M2341					X			
O-470-11-C1 (26°,213HP)	M6071	M6069	M6070	X							
O-470-11-C1 (26°,213HP)	M2339	M2340	M2341					X			
O-470-13 (26°,225HP)	M6071	M6069	M6070	X							
O-470-13 (26°,225HP)	M2339	M2340	M2341					X			
O-470-13A (26°,225HP)	M6071	M6069	M6070	X							
O-470-13A (26°,225HP)	M2339	M2340	M2341					X			
O-470-15 (26°,213HP)	M6071	M6069	M6070	X							

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-11	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		D2000; D3000		Notes
O-470-15 (26°,213HP)	M2339	M2340	M2341								X									
O-470-4 (26°,225HP)	M6071	M6069	M6070	X																
O-470-4 (26°,225HP)	M2339	M2340	M2341								X									
O-470-A (26°,225HP)	M2381	M2380	M2379	X																
O-470-A (26°,225HP)	M1480						X													
O-470-A (26°,225HP)	M1990						X													
O-470-A (26°,225HP)	M1730	M1885	M1890							X										
O-470-A (26°,225HP)	M1740	M1940	M1935										X							
O-470-B (24°,240HP)	M2381	M2380	M2379	X																
O-470-B (24°,240HP)	M1480						X													
O-470-B (24°,240HP)	M1990						X													
O-470-B (24°,240HP)	M1730	M1885	M1890							X										
O-470-B (24°,240HP)	M1740	M1940	M1935										X							
O-470-B-C1 (24°,240HP)	M2381	M2380	M2379	X																
O-470-B-C1 (24°,240HP)	M1480						X													
O-470-B-C1 (24°,240HP)	M1990						X													
O-470-B-C1 (24°,240HP)	M1730	M1885	M1890							X										
O-470-B-C1 (24°,240HP)	M1740	M1940	M1935										X							
O-470-E (26°,225HP)	M2381	M2380	M2379	X																
O-470-E (26°,225HP)	M1480						X													
O-470-E (26°,225HP)	M1990						X													
O-470-E (26°,225HP)	M1730	M1885	M1890							X										
O-470-E (26°,225HP)	M1740	M1940	M1935										X							
O-470-G (24°,240HP)	M2381	M2380	M2379	X																
O-470-G (24°,240HP)	M1480						X													
O-470-G (24°,240HP)	M1990						X													
O-470-G (24°,240HP)	M1730	M1885	M1890							X										
O-470-G (24°,240HP)	M1740	M1940	M1935										X							
O-470-G-C1 (24°,240HP)	M2381	M2380	M2379	X																
O-470-G-C1 (24°,240HP)	M1480						X													
O-470-G-C1 (24°,240HP)	M1990						X													
O-470-G-C1 (24°,240HP)	M1730	M1885	M1890							X										
O-470-G-C1 (24°,240HP)	M1740	M1940	M1935										X							
O-470-H (24°,240HP)	M2381	M2380	M2379	X																
O-470-H (24°,240HP)	M1480						X													
O-470-H (24°,240HP)	M1990						X													
O-470-H (24°,240HP)	M1730	M1885	M1890							X										
O-470-H (24°,240HP)	M1740	M1940	M1935										X							
O-470-J (20°,225HP)	M2381	M2380	M2379	X																
O-470-J (20°,225HP)	M1480						X													
O-470-J (20°,225HP)	M1990						X													
O-470-J (20°,225HP)	M1730	M1885	M1890							X										
O-470-J (20°,225HP)	M1740	M1940	M1935										X							
O-470-K (22°,230HP)	M2381	M2380	M2379	X																
O-470-K (22°,230HP)	M1480						X													
O-470-K (22°,230HP)	M1990						X													

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-12	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		600	54-20; 54-200		56-20; 56-200		D2000; D3000	Notes
				6200; 6300	600		54-1200	56-1200				
O-470-K (22°,230HP)	M1730	M1885	M1890					X				
O-470-K (22°,230HP)	M1740	M1940	M1935						X			
O-470-K-C1 (22°,230HP)	M2381	M2380	M2379	X								
O-470-K-C1 (22°,230HP)	M1480				X							
O-470-K-C1 (22°,230HP)	M1990				X							
O-470-K-C1 (22°,230HP)	M1730	M1885	M1890					X				
O-470-K-C1 (22°,230HP)	M1740	M1940	M1935						X			
O-470-L (22°,230HP)	M2381	M2380	M2379	X								
O-470-L (22°,230HP)	M1480				X							
O-470-L (22°,230HP)	M1990				X							
O-470-L (22°,230HP)	M1730	M1885	M1890					X				
O-470-L (22°,230HP)	M1740	M1940	M1935						X			
O-470-L-C1 (22°,230HP)	M2381	M2380	M2379	X								
O-470-L-C1 (22°,230HP)	M1480				X							
O-470-L-C1 (22°,230HP)	M1990				X							
O-470-L-C1 (22°,230HP)	M1730	M1885	M1890					X				
O-470-L-C1 (22°,230HP)	M1740	M1940	M1935						X			
O-470-M (24°,240HP)	M2381	M2380	M2379	X								
O-470-M (24°,240HP)	M1480				X							
O-470-M (24°,240HP)	M1990				X							
O-470-M (24°,240HP)	M1730	M1885	M1890					X				
O-470-M (24°,240HP)	M1740	M1940	M1935						X			
O-470-M-C1 (24°,240HP)	M2381	M2380	M2379	X								
O-470-M-C1 (24°,240HP)	M1480				X							
O-470-M-C1 (24°,240HP)	M1990				X							
O-470-M-C1 (24°,240HP)	M1730	M1885	M1890					X				
O-470-M-C1 (24°,240HP)	M1740	M1940	M1935						X			
O-470-N (24°,240HP)	M2381	M2380	M2379	X								
O-470-N (24°,240HP)	M1480				X							
O-470-N (24°,240HP)	M1990				X							
O-470-N (24°,240HP)	M1730	M1885	M1890					X				
O-470-N (24°,240HP)	M1740	M1940	M1935						X			
O-470-P (24°,240HP)	M2381	M2380	M2379	X								
O-470-P (24°,240HP)	M1480				X							
O-470-P (24°,240HP)	M1990				X							
O-470-P (24°,240HP)	M1730	M1885	M1890					X				
O-470-P (24°,240HP)	M1740	M1940	M1935						X			
O-470-R (22°,230HP)	M2381	M2380	M2379	X								
O-470-R (22°,230HP)	M1480				X							
O-470-R (22°,230HP)	M1990				X							
O-470-R (22°,230HP)	M1730	M1885	M1890					X				
O-470-R (22°,230HP)	M1740	M1940	M1935						X			
O-470-S (22°,230HP)	M2381	M2380	M2379	X								
O-470-S (22°,230HP)	M1480				X							
O-470-S (22°,230HP)	M1990				X							
O-470-S (22°,230HP)	M1730	M1885	M1890					X				

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-13	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
O-470-S (22°,230HP)	M1740	M1940	M1935						X		
O-470-T (24°,230HP)	M2381	M2380	M2379	X							
O-470-T (24°,230HP)	M1480				X						
O-470-T (24°,230HP)	M1990				X						
O-470-T (24°,230HP)	M1730	M1885	M1890				X				
O-470-T (24°,230HP)	M1740	M1940	M1935						X		
O-470-U (24°,230HP)	M2381	M2380	M2379	X							
O-470-U (24°,230HP)	M1480				X						
O-470-U (24°,230HP)	M1990				X						
O-470-U (24°,230HP)	M1730	M1885	M1890				X				
O-470-U (24°,230HP)	M1740	M1940	M1935						X		
TSIO-360-A (20°,210HP)	M2015	M2025	M2020				X				
TSIO-360-A (20°,210HP)	M2778	M2781	M2782	X							
TSIO-360-A (20°,210HP)	M2046	M2048	M2047						X		
TSIO-360-AB (20°,210HP)	M2015	M2025	M2020				X				
TSIO-360-AB (20°,210HP)	M2778	M2781	M2782	X							
TSIO-360-AB (20°,210HP)	M2046	M2048	M2047						X		
TSIO-360-B (20°,210HP)	M2015	M2025	M2020				X				
TSIO-360-B (20°,210HP)	M2778	M2781	M2782	X							
TSIO-360-B (20°,210HP)	M2046	M2048	M2047						X		
TSIO-360-BB (20°,210HP)	M2015	M2025	M2020				X				
TSIO-360-BB (20°,210HP)	M2778	M2781	M2782	X							
TSIO-360-BB (20°,210HP)	M2046	M2048	M2047						X		
TSIO-360-C (20°,225HP)	M2015	M2025	M2020				X				
TSIO-360-C (20°,225HP)	M2778	M2781	M2782	X							
TSIO-360-C (20°,225HP)	M2046	M2048	M2047						X		
TSIO-360-CB (20°,225HP)	M2015	M2025	M2020				X				
TSIO-360-CB (20°,225HP)	M2778	M2781	M2782	X							
TSIO-360-CB (20°,225HP)	M2046	M2048	M2047						X		
TSIO-360-D (20°,225HP)	M2015	M2025	M2020				X				
TSIO-360-D (20°,225HP)	M2778	M2781	M2782	X							
TSIO-360-D (20°,225HP)	M2046	M2048	M2047						X		
TSIO-360-DB (20°,225HP)	M2015	M2025	M2020				X				
TSIO-360-DB (20°,225HP)	M2778	M2781	M2782	X							
TSIO-360-DB (20°,225HP)	M2046	M2048	M2047						X		
TSIO-360-E (20°,200HP)	M2015	M2025	M2020				X				
TSIO-360-E (20°,200HP)	M2778	M2781	M2782	X							
TSIO-360-E (20°,200HP)	M2046	M2048	M2047						X		
TSIO-360-EB (20°,200HP)	M2015	M2025	M2020				X				
TSIO-360-EB (20°,200HP)	M2778	M2781	M2782	X							
TSIO-360-EB (20°,200HP)	M2046	M2048	M2047						X		
TSIO-360-F (20°,200HP)	M2015	M2025	M2020				X				
TSIO-360-F (20°,200HP)	M2778	M2781	M2782	X							
TSIO-360-F (20°,200HP)	M2046	M2048	M2047						X		
TSIO-360-FB (20°,200HP)	M2015	M2025	M2020				X				

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-14	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
TSIO-360-FB (20°, 200HP)	M2778	M2781	M2782	X							
TSIO-360-FB (20°, 200HP)	M2046	M2048	M2047						X		
TSIO-360-G (20°, 210HP)	M2015	M2025	M2020					X			
TSIO-360-G (20°, 210HP)	M2778	M2781	M2782	X							
TSIO-360-G (20°, 210HP)	M2046	M2048	M2047						X		
TSIO-360-GB (20°, 210HP)	M2015	M2025	M2020					X			
TSIO-360-GB (20°, 210HP)	M2046	M2048	M2047						X		
TSIO-360-H (20°, 210HP)	M2015	M2025	M2020					X			
TSIO-360-H (20°, 210HP)	M2778	M2781	M2782	X							
TSIO-360-H (20°, 210HP)	M2046	M2048	M2047						X		
TSIO-360-HB (20°, 210HP)	M2015	M2025	M2020					X			
TSIO-360-HB (20°, 210HP)	M2778	M2781	M2782	X							
TSIO-360-HB (20°, 210HP)	M2046	M2048	M2047						X		
TSIO-360-JB (20°, 225HP)	M2015	M2025	M2020					X			
TSIO-360-JB (20°, 225HP)	M2778	M2781	M2782	X							
TSIO-360-JB (20°, 225HP)	M2046	M2048	M2047						X		
TSIO-360-KB (20°, 220HP)	M2778	M2781	M2782	X							
TSIO-360-LB (20°, 210HP)	M2015	M2025	M2020					X			
TSIO-360-LB (20°, 210HP)	M2046	M2048	M2047						X		
TSIO-360-MB (20°, 210HP)	M2015	M2025	M2020					X			
TSIO-360-MB (20°, 210HP)	M2046	M2048	M2047						X		
TSIO-360-NB (20°, 210HP)	M2015	M2025	M2020					X			
TSIO-360-NB (20°, 210HP)	M2046	M2048	M2047						X		
TSIO-360-PB (20°, 200HP)	M2015	M2025	M2020					X			
TSIO-360-PB (20°, 200HP)	M2046	M2048	M2047						X		
TSIO-360-RB (22°, 220HP)	M2015	M2025	M2020					X			
TSIO-360-RB (22°, 220HP)	M2046	M2048	M2047						X		
TSIO-360-SB (20°, 220HP)	M2015	M2025	M2020					X			
TSIO-360-SB (20°, 220HP)	M2046	M2048	M2047						X		
TSIO-470-B (22°, 260HP)	M1730	M1885	M1890					X			
TSIO-470-B (22°, 260HP)	M1740	M1940	M1935						X		
TSIO-470-C (22°, 260HP)	M1730	M1885	M1890					X			
TSIO-470-C (22°, 260HP)	M1740	M1940	M1935						X		
TSIO-470-D (22°, 260HP)	M1730	M1885	M1890					X			
TSIO-470-D (22°, 260HP)	M1740	M1940	M1935						X		
TSIO-520-A (20°, 285HP)	M2381	M2380	M2379	X							
TSIO-520-A (20°, 285HP)	M2780	M2785	M2786	X							
TSIO-520-A (20°, 285HP)	M1480				X						
TSIO-520-A (20°, 285HP)	M1990				X						
TSIO-520-A (20°, 285HP)	M1730	M1885	M1890					X			
TSIO-520-A (20°, 285HP)	M1740	M1940	M1935						X		
TSIO-520-AE (20°, 250HP)	M2780	M2785	M2786	X							
TSIO-520-AE (20°, 250HP)	M1730	M1885	M1890					X			
TSIO-520-AE (20°, 250HP)	M1740	M1940	M1935						X		

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-15	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
TSIO-520-AF (22°, 310HP)	M2787	M2788	M2789	X							
TSIO-520-AF (22°, 310HP)	M1740	M1940	M1935						X		
TSIO-520-B (20°, 285HP)	M2381	M2380	M2379	X							
TSIO-520-B (20°, 285HP)	M2779	M2783	M2784	X							
TSIO-520-B (20°, 285HP)	M1480				X						
TSIO-520-B (20°, 285HP)	M1990				X						
TSIO-520-B (20°, 285HP)	M1730	M1885	M1890				X				
TSIO-520-B (20°, 285HP)	M1740	M1940	M1935						X		
TSIO-520-BB (20°, 285HP)	M2381	M2380	M2379	X							
TSIO-520-BB (20°, 285HP)	M2779	M2783	M2784	X							
TSIO-520-BB (20°, 285HP)	M1480				X						
TSIO-520-BB (20°, 285HP)	M1990				X						
TSIO-520-BB (20°, 285HP)	M1730	M1885	M1890				X				
TSIO-520-BB (20°, 285HP)	M1740	M1940	M1935						X		
TSIO-520-BE (24°, 310HP)	M2787	M2788	M2789	X							
TSIO-520-BE (24°, 310HP)	M1990				X						
TSIO-520-BE (24°, 310HP)	M1480				X						
TSIO-520-BE (24°, 310HP)	M1730	M1885	M1890				X				
TSIO-520-BE (24°, 310HP)	M1740	M1940	M1935						X		
TSIO-520-C (20°, 285HP)	M2381	M2380	M2379	X							
TSIO-520-C (20°, 285HP)	M2779	M2783	M2784	X							
TSIO-520-C (20°, 285HP)	M1480				X						
TSIO-520-C (20°, 285HP)	M1990				X						
TSIO-520-C (20°, 285HP)	M1730	M1885	M1890				X				
TSIO-520-C (20°, 285HP)	M1740	M1940	M1935						X		
TSIO-520-CE (20°, 325HP)	M2806	M2804	M2805	X							
TSIO-520-CE (20°, 325HP)	M1990				X						
TSIO-520-CE (20°, 325HP)	M1480				X						
TSIO-520-CE (20°, 325HP)	M1730	M1885	M1890				X				
TSIO-520-CE (20°, 325HP)	M1740	M1940	M1935						X		
TSIO-520-D (20°, 285HP)	M2381	M2380	M2379	X							
TSIO-520-D (20°, 285HP)	M2779	M2783	M2784	X							
TSIO-520-D (20°, 285HP)	M1480				X						
TSIO-520-D (20°, 285HP)	M1990				X						
TSIO-520-D (20°, 285HP)	M1730	M1885	M1890				X				
TSIO-520-D (20°, 285HP)	M1740	M1940	M1935						X		
TSIO-520-DB (20°, 285HP)	M2381	M2380	M2379	X							
TSIO-520-DB (20°, 285HP)	M2779	M2783	M2784	X							
TSIO-520-DB (20°, 285HP)	M1480				X						
TSIO-520-DB (20°, 285HP)	M1990				X						
TSIO-520-DB (20°, 285HP)	M1730	M1885	M1890				X				
TSIO-520-DB (20°, 285HP)	M1740	M1940	M1935						X		
TSIO-520-E (20°, 300HP)	M2381	M2380	M2379	X							
TSIO-520-E (20°, 300HP)	M2779	M2783	M2784	X							
TSIO-520-E (20°, 300HP)	M1480				X						
TSIO-520-E (20°, 300HP)	M1990				X						

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-16	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		600	54-20; 54-200		56-20; 56-200		D2000; D3000	Notes
				6200; 6300	600		54-1200	56-1200				
TSIO-520-E (20°, 300HP)	M1730	M1885	M1890					X				
TSIO-520-E (20°, 300HP)	M1740	M1940	M1935						X			
TSIO-520-EB (20°, 300HP)	M2381	M2380	M2379	X								
TSIO-520-EB (20°, 300HP)	M2779	M2783	M2784	X								
TSIO-520-EB (20°, 300HP)	M1480				X							
TSIO-520-EB (20°, 300HP)	M1990				X							
TSIO-520-EB (20°, 300HP)	M1730	M1885	M1890				X					
TSIO-520-EB (20°, 300HP)	M1740	M1940	M1935						X			
TSIO-520-G (22°, 300HP)	M2381	M2380	M2379	X								
TSIO-520-G (22°, 300HP)	M2779	M2783	M2784	X								
TSIO-520-G (22°, 300HP)	M1480				X							
TSIO-520-G (22°, 300HP)	M1990				X							
TSIO-520-G (22°, 300HP)	M1730	M1885	M1890				X					
TSIO-520-G (22°, 300HP)	M1740	M1940	M1935						X			
TSIO-520-H (20°, 285HP)	M2381	M2380	M2379	X								
TSIO-520-H (20°, 285HP)	M2779	M2783	M2784	X								
TSIO-520-H (20°, 285HP)	M1480				X							
TSIO-520-H (20°, 285HP)	M1990				X							
TSIO-520-H (20°, 285HP)	M1730	M1885	M1890				X					
TSIO-520-H (20°, 285HP)	M1740	M1940	M1935						X			
TSIO-520-J (20°, 310HP)	M2381	M2380	M2379	X								
TSIO-520-J (20°, 310HP)	M2779	M2783	M2784	X								
TSIO-520-J (20°, 310HP)	M1480				X							
TSIO-520-J (20°, 310HP)	M1990				X							
TSIO-520-J (20°, 310HP)	M1730	M1885	M1890				X					
TSIO-520-J (20°, 310HP)	M1740	M1940	M1935						X			
TSIO-520-JB (20°, 310HP)	M2381	M2380	M2379	X								
TSIO-520-JB (20°, 310HP)	M2779	M2783	M2784	X								
TSIO-520-JB (20°, 310HP)	M1480				X							
TSIO-520-JB (20°, 310HP)	M1990				X							
TSIO-520-JB (20°, 310HP)	M1730	M1885	M1890				X					
TSIO-520-JB (20°, 310HP)	M1740	M1940	M1935						X			
TSIO-520-K (20°, 285HP)	M2381	M2380	M2379	X								
TSIO-520-K (20°, 285HP)	M2779	M2783	M2784	X								
TSIO-520-K (20°, 285HP)	M1480				X							
TSIO-520-K (20°, 285HP)	M1990				X							
TSIO-520-K (20°, 285HP)	M1730	M1885	M1890				X					
TSIO-520-K (20°, 285HP)	M1740	M1940	M1935						X			
TSIO-520-KB (20°, 285HP)	M2381	M2380	M2379	X								
TSIO-520-KB (20°, 285HP)	M2779	M2783	M2784	X								
TSIO-520-KB (20°, 285HP)	M1480				X							
TSIO-520-KB (20°, 285HP)	M1990				X							
TSIO-520-KB (20°, 285HP)	M1730	M1885	M1890				X					
TSIO-520-KB (20°, 285HP)	M1740	M1940	M1935						X			
TSIO-520-L (20°, 310HP)	M2381	M2380	M2379	X								
TSIO-520-L (20°, 310HP)	M2779	M2783	M2784	X								

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-17	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		D2000; D3000		Notes
TSIO-520-L (20°, 310HP)	M1480																			
TSIO-520-L (20°, 310HP)	M1990																			
TSIO-520-L (20°, 310HP)	M1730	M1885	M1890																	
TSIO-520-L (20°, 310HP)	M1740	M1940	M1935																	
TSIO-520-LB (20°, 310HP)	M2381	M2380	M2379																	
TSIO-520-LB (20°, 310HP)	M2779	M2783	M2784																	
TSIO-520-LB (20°, 310HP)	M1480																			
TSIO-520-LB (20°, 310HP)	M1990																			
TSIO-520-LB (20°, 310HP)	M1730	M1885	M1890																	
TSIO-520-LB (20°, 310HP)	M1740	M1940	M1935																	
TSIO-520-M (22°, 310HP)	M2381	M2380	M2379																	
TSIO-520-M (22°, 310HP)	M2779	M2783	M2784																	
TSIO-520-M (22°, 310HP)	M1480																			
TSIO-520-M (22°, 310HP)	M1990																			
TSIO-520-M (22°, 310HP)	M1730	M1885	M1890																	
TSIO-520-M (22°, 310HP)	M1740	M1940	M1935																	
TSIO-520-N (20°, 310HP)	M2381	M2380	M2379																	
TSIO-520-N (20°, 310HP)	M2779	M2783	M2784																	
TSIO-520-N (20°, 310HP)	M1480																			
TSIO-520-N (20°, 310HP)	M1990																			
TSIO-520-N (20°, 310HP)	M1730	M1885	M1890																	
TSIO-520-N (20°, 310HP)	M1740	M1940	M1935																	
TSIO-520-NB (20°, 310HP)	M2381	M2380	M2379																	
TSIO-520-NB (20°, 310HP)	M2779	M2783	M2784																	
TSIO-520-NB (20°, 310HP)	M1480																			
TSIO-520-NB (20°, 310HP)	M1990																			
TSIO-520-NB (20°, 310HP)	M1730	M1885	M1890																	
TSIO-520-NB (20°, 310HP)	M1740	M1940	M1935																	
TSIO-520-P (22°, 310HP)	M2381	M2380	M2379																	
TSIO-520-P (22°, 310HP)	M2779	M2783	M2784																	
TSIO-520-P (22°, 310HP)	M1480																			
TSIO-520-P (22°, 310HP)	M1990																			
TSIO-520-P (22°, 310HP)	M1730	M1885	M1890																	
TSIO-520-P (22°, 310HP)	M1740	M1940	M1935																	
TSIO-520-R (22°, 310HP)	M2381	M2380	M2379																	
TSIO-520-R (22°, 310HP)	M2779	M2783	M2784																	
TSIO-520-R (22°, 310HP)	M1480																			
TSIO-520-R (22°, 310HP)	M1990																			
TSIO-520-R (22°, 310HP)	M1730	M1885	M1890																	
TSIO-520-R (22°, 310HP)	M1740	M1940	M1935																	
TSIO-520-T (22°, 310HP)	M2381	M2380	M2379																	
TSIO-520-T (22°, 310HP)	M2779	M2783	M2784																	
TSIO-520-T (22°, 310HP)	M1480																			
TSIO-520-T (22°, 310HP)	M1990																			
TSIO-520-T (22°, 310HP)	M1730	M1885	M1890																	
TSIO-520-T (22°, 310HP)	M1740	M1940	M1935																	

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-18	H

Teledyne Continental Motors

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		SA-20; SA-200		S6-20; S6-200		SA-1200		S6-1200		D2000; D3000	Notes
TSIO-520-U (22°, 300HP)	M2381	M2380	M2379	X															
TSIO-520-U (22°, 300HP)	M2779	M2783	M2784	X															
TSIO-520-U (22°, 300HP)	M1480					X													
TSIO-520-U (22°, 300HP)	M1990					X													
TSIO-520-U (22°, 300HP)	M1730	M1885	M1890						X										
TSIO-520-U (22°, 300HP)	M1740	M1940	M1935									X							
TSIO-520-UB (22°, 300HP)	M2381	M2380	M2379	X															
TSIO-520-UB (22°, 300HP)	M2779	M2783	M2784	X															
TSIO-520-UB (22°, 300HP)	M1480					X													
TSIO-520-UB (22°, 300HP)	M1990					X													
TSIO-520-UB (22°, 300HP)	M1730	M1885	M1890						X										
TSIO-520-UB (22°, 300HP)	M1740	M1940	M1935									X							
TSIO-520-VB (20°, 325HP)	M2381	M2380	M2379	X															
TSIO-520-VB (20°, 325HP)	M2779	M2783	M2784	X															
TSIO-520-VB (20°, 325HP)	M1480					X													
TSIO-520-VB (20°, 325HP)	M1990					X													
TSIO-520-VB (20°, 325HP)	M1730	M1885	M1890						X										
TSIO-520-VB (20°, 325HP)	M1740	M1940	M1935									X							
TSIO-520-WB (20°, 325HP)	M2381	M2380	M2379	X															
TSIO-520-WB (20°, 325HP)	M2779	M2783	M2784	X															
TSIO-520-WB (20°, 325HP)	M1480					X													
TSIO-520-WB (20°, 325HP)	M1990					X													
TSIO-520-WB (20°, 325HP)	M1730	M1885	M1890						X										
TSIO-520-WB (20°, 325HP)	M1740	M1940	M1935									X							
TSIO-550-A (24°, 360HP)	M1730	M1885	M1890						X										
TSIO-550-A (24°, 360HP)	M2779	M2783	M2784	X															
TSIO-550-B (24°, 350HP)	M1730	M1885	M1890						X										
TSIO-550-B (24°, 350HP)	M2779	M2783	M2784	X															
TSIO-550-C (24°, 310HP)	M1730	M1885	M1890						X										
TSIO-550-C (24°, 310HP)	M2779	M2783	M2784	X															
TSIO-550-E (24°, 350HP)	M1730	M1885	M1890						X										
TSIO-550-E (24°, 350HP)	M2779	M2783	M2784	X															

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-19	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
AEIO-320-D1B (25°, 160HP)	M2508	M2506	M2507	X							2
AEIO-320-D1B (25°, 160HP)	M2360	M2362	M2361				X				2
AEIO-320-D1B (25°, 160HP)	M2235	M2237	M2236					X			2
AEIO-320-D2B (25°, 160HP)	M2508	M2506	M2507	X							2
AEIO-320-D2B (25°, 160HP)	M2360	M2362	M2361				X				2
AEIO-320-D2B (25°, 160HP)	M2235	M2237	M2236					X			2
AEIO-320-E1A (25°, 150HP)	M2508	M2506	M2507	X							2
AEIO-320-E1A (25°, 150HP)	M2360	M2362	M2361				X				2
AEIO-320-E1A (25°, 150HP)	M2235	M2237	M2236					X			2
AEIO-320-E1B (25°, 150HP)	M2508	M2506	M2507	X							2
AEIO-320-E1B (25°, 150HP)	M2360	M2362	M2361				X				2
AEIO-320-E1B (25°, 150HP)	M2235	M2237	M2236					X			2
AEIO-320-E2A (25°, 150HP)	M2508	M2506	M2507	X							2
AEIO-320-E2A (25°, 150HP)	M2360	M2362	M2361				X				2
AEIO-320-E2A (25°, 150HP)	M2235	M2237	M2236					X			2
AEIO-320-E2B (25°, 150HP)	M2508	M2506	M2507	X							2
AEIO-320-E2B (25°, 150HP)	M2360	M2362	M2361				X				2
AEIO-320-E2B (25°, 150HP)	M2235	M2237	M2236					X			2
AEIO-360-A1A (20°, 200HP)	M4029	M4025	M4026	X							2, 3
AEIO-360-A1A (20°, 200HP)	M2360	M2362	M2361				X				2, 3
AEIO-360-A1A (20°, 200HP)	M2235	M2237	M2236					X			2, 3
AEIO-360-A1A (25°, 200HP)	M4029	M4025	M4026	X							2, 3
AEIO-360-A1A (25°, 200HP)	M2360	M2362	M2361				X				2, 3
AEIO-360-A1A (25°, 200HP)	M2235	M2237	M2236					X			2, 3
AEIO-360-A1B (20°, 200HP)	M4029	M4025	M4026	X							2, 3
AEIO-360-A1B (20°, 200HP)	M2360	M2362	M2361				X				2, 3
AEIO-360-A1B (20°, 200HP)	M2235	M2237	M2236					X			2, 3
AEIO-360-A1B (25°, 200HP)	M4029	M4025	M4026	X							2, 3
AEIO-360-A1B (25°, 200HP)	M2360	M2362	M2361				X				2, 3
AEIO-360-A1B (25°, 200HP)	M2235	M2237	M2236					X			2, 3
AEIO-360-A1B6 (20°, 200HP)	M4029	M4025	M4026	X							2, 3
AEIO-360-A1B6 (20°, 200HP)	M2360	M2362	M2361				X				2, 3
AEIO-360-A1B6 (20°, 200HP)	M2235	M2237	M2236					X			2, 3
AEIO-360-A1B6 (25°, 200HP)	M4029	M4025	M4026	X							2, 3
AEIO-360-A1B6 (25°, 200HP)	M2360	M2362	M2361				X				2, 3
AEIO-360-A1B6 (25°, 200HP)	M2235	M2237	M2236					X			2, 3
AEIO-360-A1C (20°, 200HP)	M2508	M2506	M2507	X							2, 3
AEIO-360-A1C (25°, 200HP)	M2508	M2506	M2507	X							2, 3
AEIO-360-A1D (20°, 200HP)	M2360	M2362	M2361				X				2, 3
AEIO-360-A1D (20°, 200HP)	M2235	M2237	M2236					X			2, 3
AEIO-360-A1D (25°, 200HP)	M2360	M2362	M2361				X				2, 3
AEIO-360-A1D (25°, 200HP)	M2235	M2237	M2236					X			2, 3
AEIO-360-A1E (20°, 200HP)	M2508	M2506	M2507	X							2, 3
AEIO-360-A1E (20°, 200HP)	M2360	M2362	M2361				X				2, 3
AEIO-360-A1E (20°, 200HP)	M2235	M2237	M2236					X			2, 3

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC

1230 Old Norris Road
Liberty, South Carolina, U.S.A. 29657
© 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-20	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		Notes
AEIO-360-A1E (25°,200HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-A1E (25°,200HP)	M2360	M2362	M2361							X								2, 3
AEIO-360-A1E (25°,200HP)	M2235	M2237	M2236								X							2, 3
AEIO-360-A1E6 (20°,200HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-A1E6 (25°,200HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-A2A (20°,200HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-A2A (25°,200HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-A2B (20°,200HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-A2B (20°,200HP)	M2360	M2362	M2361							X								2, 3
AEIO-360-A2B (20°,200HP)	M2235	M2237	M2236								X							2, 3
AEIO-360-A2B (25°,200HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-A2B (25°,200HP)	M2360	M2362	M2361							X								2, 3
AEIO-360-A2B (25°,200HP)	M2235	M2237	M2236								X							2, 3
AEIO-360-A2C (20°,200HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-A2C (25°,200HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-B1B (25°,180HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-B1B (25°,180HP)	M2360	M2362	M2361							X								2, 3
AEIO-360-B1B (25°,180HP)	M2235	M2237	M2236								X							2, 3
AEIO-360-B1D (25°,180HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-B1F (25°,180HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-B1F (25°,180HP)	M2360	M2362	M2361							X								2, 3
AEIO-360-B1F (25°,180HP)	M2235	M2237	M2236								X							2, 3
AEIO-360-B1F6 (25°,180HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-B1F6 (25°,180HP)	M2360	M2362	M2361							X								2, 3
AEIO-360-B1F6 (25°,180HP)	M2235	M2237	M2236								X							2, 3
AEIO-360-B1G6 (25°,180HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-B1G6 (25°,180HP)	M2360	M2362	M2361							X								2, 3
AEIO-360-B1G6 (25°,180HP)	M2235	M2237	M2236								X							2, 3
AEIO-360-B2F (25°,180HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-B2F (25°,180HP)	M2360	M2362	M2361							X								2, 3
AEIO-360-B2F (25°,180HP)	M2235	M2237	M2236								X							2, 3
AEIO-360-B2F6 (25°,180HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-B4A (25°,180HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-B4A (25°,180HP)	M2360	M2362	M2361							X								2, 3
AEIO-360-B4A (25°,180HP)	M2235	M2237	M2236								X							2, 3
AEIO-360-H1A (25°,180HP)	M2508	M2506	M2507	X														2, 3
AEIO-360-H1A (25°,180HP)	M2360	M2362	M2361							X								2, 3
AEIO-360-H1A (25°,180HP)	M2235	M2237	M2236								X							2, 3
AEIO-540-D4A5 (25°,260HP)	M2120	M2117	M2118								X							
AEIO-540-D4A5 (25°,260HP)	M2157	M2158	M2159									X						
AEIO-540-D4B5 (25°,260HP)	M2120	M2117	M2118								X							
AEIO-540-D4B5 (25°,260HP)	M2157	M2158	M2159									X						
AEIO-540-D4C5 (25°,260HP)	M2899	M2900	M2901		X													

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-21	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness								Notes
				4200; 4300	6200; 6300	600	S4-20; S4-200	S6-20; S6-200	S4-1200	S6-1200	
AIO-320-A1A (25°,160HP)	M2492	M2493	M2494						X		2
AIO-320-A1B (25°,160HP)	M2508	M2506	M2507	X							2
AIO-320-A1B (25°,160HP)	M2492	M2493	M2494						X		2
AIO-320-A1B (25°,160HP)	M2360	M2362	M2361				X				2
AIO-320-A1B (25°,160HP)	M2235	M2237	M2236						X		2
AIO-320-A2A (25°,160HP)	M2508	M2506	M2507	X							2
AIO-320-A2B (25°,160HP)	M2508	M2506	M2507	X							2
AIO-320-A2B (25°,160HP)	M2360	M2362	M2361				X				2
AIO-320-A2B (25°,160HP)	M2235	M2237	M2236						X		2
AIO-320-B1B (25°,160HP)	M2508	M2506	M2507	X							2
AIO-320-B1B (25°,160HP)	M2360	M2362	M2361				X				2
AIO-320-B1B (25°,160HP)	M2235	M2237	M2236						X		2
AIO-320-C1B (25°,160HP)	M2508	M2506	M2507	X							2
AIO-360-A1A (20°,200HP)	M2360	M2362	M2361				X				2, 3
AIO-360-A1A (20°,200HP)	M4029	M4025	M4026	X							2, 3
AIO-360-A1A (20°,200HP)	M2235	M2237	M2236						X		2, 3
AIO-360-A1A (25°,200HP)	M2360	M2362	M2361				X				2, 3
AIO-360-A1A (25°,200HP)	M2235	M2237	M2236						X		2, 3
AIO-360-A1B (20°,200HP)	M2360	M2362	M2361				X				2, 3
AIO-360-A1B (20°,200HP)	M4029	M4025	M4026	X							2, 3
AIO-360-A1B (20°,200HP)	M2235	M2237	M2236						X		2, 3
AIO-360-A1B (25°,200HP)	M2360	M2362	M2361				X				2, 3
AIO-360-A1B (25°,200HP)	M2235	M2237	M2236						X		2, 3
AIO-360-A2A (20°,200HP)	M4029	M4025	M4026	X							2, 3
AIO-360-A2A (25°,200HP)	M4029	M4025	M4026	X							2, 3
AIO-360-A2B (20°,200HP)	M2508	M2506	M2507	X							2, 3
AIO-360-A2B (20°,200HP)	M2360	M2362	M2361				X				2, 3
AIO-360-A2B (20°,200HP)	M2235	M2237	M2236						X		2, 3
AIO-360-A2B (25°,200HP)	M2508	M2506	M2507	X							2, 3
AIO-360-A2B (25°,200HP)	M2360	M2362	M2361				X				2, 3
AIO-360-A2B (25°,200HP)	M2235	M2237	M2236						X		2, 3
AIO-360-B1B (20°,200HP)	M2235	M2237	M2236						X		2, 3
AIO-360-B1B (20°,200HP)	M4029	M4025	M4026	X							2, 3
AIO-360-B1B (20°,200HP)	M2492	M2493	M2494						X		2, 3
AIO-360-B1B (25°,200HP)	M2235	M2237	M2236						X		2, 3
AIO-360-B1B (25°,200HP)	M4029	M4025	M4026	X							2, 3
AIO-360-B1B (25°,200HP)	M2492	M2493	M2494						X		2, 3
GO-435-C2A (25°,260HP)	M2682	M2683	M2684						X		
GO-435-C2A2 (25°,260HP)	M2682	M2683	M2684						X		
GO-435-C2B1 (25°,260HP)	M2682	M2683	M2684						X		
GO-435-C2B2 (25°,260HP)	M2682	M2683	M2684						X		

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-22	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
GO-480-B (25°,270HP)	M2682	M2683	M2684					X			
GO-480-B1C (25°,270HP)	M2682	M2683	M2684					X			
GO-480-B1D (25°,270HP)	M2682	M2683	M2684					X			
GO-480-C1D6 (25°,295HP)	M2682	M2683	M2684					X			
GO-480-D1A (25°,275HP)	M2850	M2849	M2684					X			
GO-480-G1A6 (25°,295HP)	M2682	M2683	M2684					X			
GO-480-G1B6 (25°,295HP)	M2850	M2849	M2684					X			
GO-480-G1D6 (25°,295HP)	M2682	M2683	M2684					X			
GO-480-G1D6 (25°,295HP)	M2688	M2689	M2690						X		
GO-480-G1J6 (25°,295HP)	M2739	M2740	M2741					X			
GO-480-G1J6 (25°,295HP)	M2489	M2490	M2491						X		
GSO-480-B1B3 (25°,340HP)	M2809	M2807	M2808					X			
GSO-480-B1J6 (25°,340HP)	M2751	M2752	M2753					X			
GSO-480-B1J6 (25°,340HP)	M2486	M2487	M2488						X		
HIO-360-A1A (25°,180HP)	M2859	M2861	M2860			X					2, 3
HIO-360-B1A (25°,180HP)	M2856	M2858	M2857			X					2, 3
HIO-360-C1A (25°,205HP)	M2856	M2858	M2857			X					2, 3
HIO-360-E1AD (20°,190HP)	M2944								X		2, 3
HIO-360-E1BD (20°,190HP)	M2944								X		2, 3
HIO-360-F1AD (20°,190HP)	M2944								X		2, 3
HO-360-A1A (25°,180HP)	M2360	M2362	M2361			X					2, 3
HO-360-B1A (25°,180HP)	M2360	M2362	M2361			X					2, 3
HO-360-B1B (25°,180HP)	M2360	M2362	M2361			X					2, 3
HO-360-C1A (25°,180HP)	M2360	M2362	M2361			X					2, 3
IGSO-480-A1A6 - 1/2" (25°,340HP)	M2247	M2249	M2248					X			
IGSO-480-A1A6 - 1/2" (25°,340HP)	M2280	M2282	M2281						X		
IGSO-480-A1A6 - 13/16" (25°,340HP)	M2247	M2249	M2248					X			
IGSO-480-A1A6 - 13/16" (25°,340HP)	M2280	M2282	M2281						X		
IGSO-480-A1B6 - 1/2" (25°,340HP)	M2247	M2249	M2248					X			
IGSO-480-A1B6 - 1/2" (25°,340HP)	M2280	M2282	M2281						X		
IGSO-480-A1B6 - 13/16" (25°,340HP)	M2247	M2249	M2248					X			
IGSO-480-A1B6 - 13/16" (25°,340HP)	M2280	M2282	M2281						X		
IGSO-480-A1E6 - 1/2" (25°,340HP)	M2247	M2249	M2248					X			

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-23	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness								Notes
				4200; 4300	6200; 6300	600	S4-20; S4-200	S6-20; S6-200	S4-1200	S6-1200	
IGSO-480-A1E6 - 1/2" (25°,340HP)	M2280	M2282	M2281							X	
IGSO-480-A1E6 - 13/16" (25°,340HP)	M2247	M2249	M2248					X			
IGSO-480-A1E6 - 13/16"	M2280	M2282	M2281							X	
IGSO-540-A1D (25°,380HP)	M2289	M2291	M2290					X			
IGSO-540-A1D (25°,380HP)	M2292	M2294	M2293					X			
IGSO-540-A1D (25°,380HP)	M2256	M2258	M2257						X		
IGSO-540-A1E (25°,380HP)	M2289	M2291	M2290					X			
IGSO-540-A1E (25°,380HP)	M2292	M2294	M2293					X			
IGSO-540-A1E (25°,380HP)	M2256	M2258	M2257						X		
IGSO-540-A1F (25°,380HP)	M2289	M2291	M2290					X			
IGSO-540-A1F (25°,380HP)	M2292	M2294	M2293					X			
IGSO-540-A1F (25°,380HP)	M2256	M2258	M2257						X		
IGSO-540-B1A (25°,380HP)	M2289	M2291	M2290					X			
IGSO-540-B1A (25°,380HP)	M2292	M2294	M2293					X			
IGSO-540-B1A (25°,380HP)	M2256	M2258	M2257						X		
IGSO-540-B1C (25°,380HP)	M2289	M2291	M2290					X			
IGSO-540-B1C (25°,380HP)	M2292	M2294	M2293					X			
IGSO-540-B1C (25°,380HP)	M2256	M2258	M2257						X		
IO-320-A1A (25°,150HP)	M2508	M2506	M2507	X							2
IO-320-A2A (25°,150HP)	M2508	M2506	M2507	X							2
IO-320-B1A (25°,160HP)	M2508	M2506	M2507	X							2
IO-320-B1A (25°,160HP)	M2360	M2362	M2361			X					2
IO-320-B1A (25°,160HP)	M2235	M2237	M2236					X			2
IO-320-B1B (25°,160HP)	M2508	M2506	M2507	X							2
IO-320-B1B (25°,160HP)	M2360	M2362	M2361			X					2
IO-320-B1B (25°,160HP)	M2235	M2237	M2236					X			2
IO-320-B1C (25°,160HP)	M2508	M2506	M2507	X							2
IO-320-B1C (25°,160HP)	M2360	M2362	M2361			X					2
IO-320-B1C (25°,160HP)	M2235	M2237	M2236					X			2
IO-320-B1D (25°,160HP)	M2508	M2506	M2507	X							2
IO-320-B1D (25°,160HP)	M2360	M2362	M2361			X					2
IO-320-B1D (25°,160HP)	M2235	M2237	M2236					X			2
IO-320-B2A (25°,160HP)	M2508	M2506	M2507	X							2
IO-320-B2A (25°,160HP)	M2360	M2362	M2361			X					2
IO-320-B2A (25°,160HP)	M2235	M2237	M2236					X			2
IO-320-C1A - 1/2" (25°,160HP)	M2508	M2506	M2507	X							2
IO-320-C1A - 1/2" (25°,160HP)	M2360	M2362	M2361			X					2
IO-320-C1A - 1/2" (25°,160HP)	M2235	M2237	M2236					X			2
IO-320-C1A - 13/16" (25°,160HP)	M2508	M2506	M2507	X							2
IO-320-C1A - 13/16" (25°,160HP)	M2360	M2362	M2361			X					2

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-24	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
IO-320-C1A - 13/16" (25°,160HP)	M2235	M2237	M2236					X			2
IO-320-D1A (25°,160HP)	M2508	M2506	M2507	X							2
IO-320-D1A (25°,160HP)	M2360	M2362	M2361			X					2
IO-320-D1A (25°,160HP)	M2235	M2237	M2236					X			2
IO-320-D1B (25°,160HP)	M2508	M2506	M2507	X							2
IO-320-D1B (25°,160HP)	M2360	M2362	M2361			X					2
IO-320-D1B (25°,160HP)	M2235	M2237	M2236					X			2
IO-320-E1A (25°,150HP)	M2508	M2506	M2507	X							2
IO-320-E1A (25°,150HP)	M2360	M2362	M2361			X					2
IO-320-E1A (25°,150HP)	M2235	M2237	M2236					X			2
IO-320-E1B (25°,150HP)	M2508	M2506	M2507	X							2
IO-320-E1B (25°,150HP)	M2360	M2362	M2361			X					2
IO-320-E1B (25°,150HP)	M2235	M2237	M2236					X			2
IO-320-E2A (25°,150HP)	M2508	M2506	M2507	X							2
IO-320-E2A (25°,150HP)	M2360	M2362	M2361			X					2
IO-320-E2A (25°,150HP)	M2235	M2237	M2236					X			2
IO-320-E2B (25°,150HP)	M2508	M2506	M2507	X							2
IO-320-E2B (25°,150HP)	M2360	M2362	M2361			X					2
IO-320-E2B (25°,150HP)	M2235	M2237	M2236					X			2
IO-320-F1A (25°,160HP)	M2508	M2506	M2507	X							2
IO-320-F1A (25°,160HP)	M2360	M2362	M2361			X					2
IO-320-F1A (25°,160HP)	M2235	M2237	M2236					X			2
IO-360-A1A (20°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1A (20°,200HP)	M2360	M2362	M2361			X					2, 3
IO-360-A1A (20°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A1A (25°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1A (25°,200HP)	M2360	M2362	M2361			X					2, 3
IO-360-A1A (25°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A1B (20°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1B (20°,200HP)	M2360	M2362	M2361			X					2, 3
IO-360-A1B (20°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A1B (25°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1B (25°,200HP)	M2360	M2362	M2361			X					2, 3
IO-360-A1B (25°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A1B6 (20°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1B6 (20°,200HP)	M2360	M2362	M2361			X					2, 3
IO-360-A1B6 (20°,200HP)	M2641	M2642	M2643					X			2, 3
IO-360-A1B6 (25°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1B6 (25°,200HP)	M2360	M2362	M2361			X					2, 3
IO-360-A1B6 (25°,200HP)	M2641	M2642	M2643					X			2, 3
IO-360-A1B6D (25°,200HP)	M2915								X		2, 3
IO-360-A1C (20°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1C (20°,200HP)	M2360	M2362	M2361			X					2, 3
IO-360-A1C (20°,200HP)	M2235	M2237	M2236					X			2, 3

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-25	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
IO-360-A1C (25°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1C (25°,200HP)	M2360	M2362	M2361				X				2, 3
IO-360-A1C (25°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A1D (20°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1D (20°,200HP)	M2360	M2362	M2361				X				2, 3
IO-360-A1D (20°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A1D (25°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1D (25°,200HP)	M2360	M2362	M2361				X				2, 3
IO-360-A1D (25°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A1D6 (20°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A1D6 (20°,200HP)	M2360	M2362	M2361				X				2, 3
IO-360-A1D6 (20°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A1D6 (25°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A2A (20°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A2A (20°,200HP)	M2360	M2362	M2361				X				2, 3
IO-360-A2A (20°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A2A (25°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A2A (25°,200HP)	M2360	M2362	M2361				X				2, 3
IO-360-A2A (25°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A2B (20°,200HP)	M2360	M2362	M2361				X				2, 3
IO-360-A2B (20°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A2B (25°,200HP)	M2360	M2362	M2361				X				2, 3
IO-360-A2B (25°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A2C (20°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A2C (20°,200HP)	M2360	M2362	M2361				X				2, 3
IO-360-A2C (20°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A2C (25°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A2C (25°,200HP)	M2360	M2362	M2361				X				2, 3
IO-360-A2C (25°,200HP)	M2235	M2237	M2236					X			2, 3
IO-360-A3B6 (20°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A3B6 (25°,200HP)	M2508	M2506	M2507	X							2, 3
IO-360-A3B6D (25°,200HP)	M2916								X		2, 3
IO-360-B1A (25°,180HP)	M2360	M2362	M2361				X				2, 3
IO-360-B1A (25°,180HP)	M2235	M2237	M2236					X			2, 3
IO-360-B1B (25°,180HP)	M2508	M2506	M2507	X							2, 3
IO-360-B1B (25°,180HP)	M2360	M2362	M2361				X				2, 3
IO-360-B1B (25°,180HP)	M2235	M2237	M2236					X			2, 3
IO-360-B1C (25°,177HP)	M2360	M2362	M2361				X				2, 3
IO-360-B1C (25°,177HP)	M2235	M2237	M2236					X			2, 3
IO-360-B1D (25°,180HP)	M2508	M2506	M2507	X							2, 3
IO-360-B1D (25°,180HP)	M2360	M2362	M2361				X				2, 3
IO-360-B1D (25°,180HP)	M2235	M2237	M2236					X			2, 3
IO-360-B1E (25°,180HP)	M2508	M2506	M2507	X							2, 3
IO-360-B1E (25°,180HP)	M2360	M2362	M2361				X				2, 3
IO-360-B1E (25°,180HP)	M2235	M2237	M2236					X			2, 3
IO-360-B1F (25°,180HP)	M2508	M2506	M2507	X							2, 3

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-26	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
IO-360-B1F (25°, 180HP)	M2360	M2362	M2361				X				2, 3
IO-360-B1F (25°, 180HP)	M2235	M2237	M2236					X			2, 3
IO-360-B1F6 (25°, 180HP)	M2508	M2506	M2507	X							2, 3
IO-360-B2E-nd (25°, 180HP)	M2508	M2506	M2507	X							2, 3, 10
IO-360-B2E-nd (25°, 180HP)	M2360	M2362	M2361				X				2, 3, 10
IO-360-B2E-nd (25°, 180HP)	M2235	M2237	M2236					X			2, 3, 10
IO-360-B2E-wd (25°, 180HP)	M2360	M2362	M2361				X				2, 3, 10
IO-360-B2E-wd (25°, 180HP)	M2235	M2237	M2236					X			2, 3, 10
IO-360-B2F (25°, 180HP)	M2508	M2506	M2507	X							2, 3
IO-360-B2F (25°, 180HP)	M2360	M2362	M2361				X				2, 3
IO-360-B2F (25°, 180HP)	M2235	M2237	M2236					X			2, 3
IO-360-B2F6 (25°, 180HP)	M2508	M2506	M2507	X							2, 3
IO-360-B2F6 (25°, 180HP)	M2360	M2362	M2361				X				2, 3
IO-360-B2F6 (25°, 180HP)	M2235	M2237	M2236					X			2, 3
IO-360-B4A (25°, 180HP)	M2508	M2506	M2507	X							2, 3
IO-360-B4A (25°, 180HP)	M2360	M2362	M2361				X				2, 3
IO-360-B4A (25°, 180HP)	M2235	M2237	M2236					X			2, 3
IO-360-C1A (20°, 200HP)	M2508	M2506	M2507	X							2, 3
IO-360-C1A (20°, 200HP)	M2360	M2362	M2361				X				2, 3
IO-360-C1A (20°, 200HP)	M2235	M2237	M2236					X			2, 3
IO-360-C1A (25°, 200HP)	M2508	M2506	M2507	X							2, 3
IO-360-C1A (25°, 200HP)	M2360	M2362	M2361				X				2, 3
IO-360-C1A (25°, 200HP)	M2235	M2237	M2236					X			2, 3
IO-360-C1B (20°, 200HP)	M2508	M2506	M2507	X							2, 3
IO-360-C1B (20°, 200HP)	M2360	M2362	M2361				X				2, 3
IO-360-C1B (20°, 200HP)	M2616	M2617	M2618					X			2, 3
IO-360-C1B (25°, 200HP)	M2508	M2506	M2507	X							2, 3
IO-360-C1B (25°, 200HP)	M2360	M2362	M2361				X				2, 3
IO-360-C1B (25°, 200HP)	M2616	M2617	M2618					X			2, 3
IO-360-C1C (20°, 200HP)	M2661	M2662	M2663				X				2, 3
IO-360-C1C (20°, 200HP)	M2616	M2617	M2618					X			2, 3
IO-360-C1C (25°, 200HP)	M2661	M2662	M2663				X				2, 3
IO-360-C1C (25°, 200HP)	M2616	M2617	M2618					X			2, 3
IO-360-C1C6 (20°, 200HP)	M2508	M2506	M2507	X							2, 3
IO-360-C1C6 (20°, 200HP)	M2360	M2362	M2361				X				2, 3
IO-360-C1C6 (25°, 200HP)	M2508	M2506	M2507	X							2, 3
IO-360-C1C6 (25°, 200HP)	M2360	M2362	M2361				X				2, 3
IO-360-C1D6 (20°, 200HP)	M2508	M2506	M2507	X							2, 3
IO-360-C1D6 (20°, 200HP)	M2360	M2362	M2361				X				2, 3
IO-360-C1D6 (20°, 200HP)	M2235	M2237	M2236					X			2, 3
IO-360-C1D6 (25°, 200HP)	M2508	M2506	M2507	X							2, 3
IO-360-C1D6 (25°, 200HP)	M2360	M2362	M2361				X				2, 3
IO-360-C1D6 (25°, 200HP)	M2235	M2237	M2236					X			2, 3
IO-360-C1E6 (20°, 200HP)	M2508	M2506	M2507	X							2, 3
IO-360-C1E6 (20°, 200HP)	M2661	M2662	M2663				X				2, 3
IO-360-C1E6 (20°, 200HP)	M2616	M2617	M2618					X			2, 3

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-27	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness								Notes	
				4200; 4300	6200; 6300	600	S4-20; S4-200	S6-20; S6-200	S4-1200	S6-1200		D2000; D3000
IO-360-C1E6 (25°, 200HP)	M2508	M2506	M2507	X								2, 3
IO-360-C1E6 (25°, 200HP)	M2661	M2662	M2663				X					2, 3
IO-360-C1E6 (25°, 200HP)	M2616	M2617	M2618					X				2, 3
IO-360-C1F (20°, 200HP)	M2508	M2506	M2507	X								2, 3
IO-360-C1F (20°, 200HP)	M2661	M2662	M2663				X					2, 3
IO-360-C1F (20°, 200HP)	M2616	M2617	M2618					X				2, 3
IO-360-C1F (25°, 200HP)	M2508	M2506	M2507	X								2, 3
IO-360-C1F (25°, 200HP)	M2661	M2662	M2663				X					2, 3
IO-360-C1F (25°, 200HP)	M2616	M2617	M2618					X				2, 3
IO-360-D1A (20°, 200HP)	M2508	M2506	M2507	X								2, 3
IO-360-D1A (20°, 200HP)	M2360	M2362	M2361				X					2, 3
IO-360-D1A (20°, 200HP)	M2616	M2617	M2618					X				2, 3
IO-360-D1A (25°, 200HP)	M2508	M2506	M2507	X								2, 3
IO-360-D1A (25°, 200HP)	M2360	M2362	M2361				X					2, 3
IO-360-D1A (25°, 200HP)	M2616	M2617	M2618					X				2, 3
IO-360-E1A (25°, 180HP)	M2508	M2506	M2507	X								2, 3
IO-360-E1A (25°, 180HP)	M2360	M2362	M2361				X					2, 3
IO-360-E1A (25°, 180HP)	M2235	M2237	M2236					X				2, 3
IO-360-F1A (25°, 180HP)	M2508	M2506	M2507	X								2, 3
IO-360-F1A (25°, 180HP)	M2360	M2362	M2361				X					2, 3
IO-360-F1A (25°, 180HP)	M2235	M2237	M2236					X				2, 3
IO-360-J1A6D (20°, 200HP)	M2915									X		2, 3
IO-360-J1A6D (25°, 200HP)	M2915									X		2, 3
IO-360-J1AD (20°, 200HP)	M2508	M2506	M2507	X								2, 3
IO-360-J1AD (25°, 200HP)	M2508	M2506	M2507	X								2, 3
IO-360-K2A (20°, 200HP)	M2508	M2506	M2507	X								2, 3
IO-360-K2A (20°, 200HP)	M2360	M2362	M2361				X					2, 3
IO-360-K2A (20°, 200HP)	M2235	M2237	M2236					X				2, 3
IO-360-K2A (25°, 200HP)	M2508	M2506	M2507	X								2, 3
IO-360-K2A (25°, 200HP)	M2360	M2362	M2361				X					2, 3
IO-360-K2A (25°, 200HP)	M2235	M2237	M2236					X				2, 3
IO-360-L2A (25°, 160HP)	M2508	M2506	M2507	X								2, 3
IO-360-L2A (25°, 180HP)	M2508	M2506	M2507	X								2, 3
IO-540-A1A5 (20°, 290HP)	M6042	M6043	M2888		X							
IO-540-A1A5 (20°, 290HP)	M2120	M2117	M2118					X				
IO-540-A1A5 (20°, 290HP)	M2157	M2158	M2159						X			
IO-540-AA1A5 (20°, 270HP)	M6018	M6012	M6013		X							
IO-540-AA1A5 (20°, 270HP)	M2120	M2117	M2118					X				
IO-540-AA1A5 (20°, 270HP)	M2157	M2158	M2159						X			
IO-540-AA1B5 (20°, 270HP)	M6018	M6012	M6013		X							
IO-540-AC1A5 (20°, 300HP)	M6018	M6012	M6013		X							
IO-540-B1A5 (20°, 290HP)	M6042	M6043	M2888		X							
IO-540-B1A5 (20°, 290HP)	M2120	M2117	M2118					X				
IO-540-B1A5 (20°, 290HP)	M2157	M2158	M2159						X			
IO-540-B1B5 (20°, 290HP)	M6042	M6043	M2888		X							

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-28	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
IO-540-B1C5 (20°,290HP)	M6042	M6043	M2888	X							
IO-540-B1C5 (20°,290HP)	M2120	M2117	M2118					X			
IO-540-B1C5 (20°,290HP)	M2157	M2158	M2159						X		
IO-540-C1B5 (25°,250HP)	M2896	M2897	M2898	X							
IO-540-C1B5 (25°,250HP)	M6042	M6043	M2888	X							
IO-540-C1B5 (25°,250HP)	M2120	M2117	M2118					X			
IO-540-C1B5 (25°,250HP)	M2157	M2158	M2159						X		
IO-540-C1C5 (25°,250HP)	M2896	M2897	M2898	X							
IO-540-C1C5 (25°,250HP)	M2120	M2117	M2118					X			
IO-540-C1C5 (25°,250HP)	M2157	M2158	M2159						X		
IO-540-C2C (25°,250HP)	M2896	M2897	M2898	X							
IO-540-C2C (25°,250HP)	M2120	M2117	M2118					X			
IO-540-C2C (25°,250HP)	M2157	M2158	M2159						X		
IO-540-C4B5 (25°,250HP)	M2896	M2897	M2898	X							
IO-540-C4B5 (25°,250HP)	M6042	M6043	M2888	X							
IO-540-C4B5 (25°,250HP)	M2120	M2117	M2118					X			
IO-540-C4B5 (25°,250HP)	M2157	M2158	M2159						X		
IO-540-C4C5 (25°,250HP)	M6042	M6043	M2888	X							
IO-540-C4D5 (25°,250HP)	M6042	M6043	M2888	X							
IO-540-D4A5 (25°,260HP)	M6042	M6043	M2888	X							
IO-540-D4A5 (25°,260HP)	M2120	M2117	M2118					X			
IO-540-D4A5 (25°,260HP)	M2157	M2158	M2159						X		
IO-540-D4B5 (25°,260HP)	M2899	M2900	M2901	X							
IO-540-D4B5 (25°,260HP)	M2120	M2117	M2118					X			
IO-540-D4B5 (25°,260HP)	M2157	M2158	M2159						X		
IO-540-D4C5 (25°,260HP)	M2899	M2900	M2901	X							
IO-540-D4C5 (25°,260HP)	M2120	M2117	M2118					X			
IO-540-D4C5 (25°,260HP)	M2157	M2158	M2159						X		
IO-540-E1A5 (20°,290HP)	M2896	M2897	M2898	X							
IO-540-E1A5 (20°,290HP)	M2120	M2117	M2118					X			
IO-540-E1A5 (20°,290HP)	M2157	M2158	M2159						X		
IO-540-E1B5 (20°,290HP)	M2896	M2897	M2898	X							
IO-540-E1B5 (20°,290HP)	M2120	M2117	M2118					X			
IO-540-E1B5 (20°,290HP)	M2157	M2158	M2159						X		
IO-540-E1C5 (20°,290HP)	M2896	M2897	M2898	X							
IO-540-G1A5 (20°,290HP)	M2896	M2897	M2898	X							
IO-540-G1A5 (20°,290HP)	M2120	M2117	M2118					X			
IO-540-G1A5 (20°,290HP)	M2157	M2158	M2159						X		
IO-540-G1B5 (20°,290HP)	M2120	M2117	M2118					X			
IO-540-G1B5 (20°,290HP)	M2157	M2158	M2159						X		
IO-540-G1C5 (20°,290HP)	M2899	M2900	M2901	X							
IO-540-G1D5 (20°,290HP)	M6003	M2963	M2964	X							
IO-540-G1D5 (20°,290HP)	M2120	M2117	M2118					X			
IO-540-G1D5 (20°,290HP)	M2157	M2158	M2159						X		
IO-540-G1E5 (20°,290HP)	M6003	M2963	M2964	X							
IO-540-G1E5 (20°,290HP)	M2120	M2117	M2118					X			

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-29	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
IO-540-G1E5 (20°,290HP)	M2157	M2158	M2159						X		
IO-540-G1F5 (20°,290HP)	M6003	M2963	M2964	X							
IO-540-G1F5 (20°,290HP)	M2120	M2117	M2118				X				
IO-540-G1F5 (20°,290HP)	M2157	M2158	M2159						X		
IO-540-J4A5 (25°,250HP)	M6017	M6010	M6011	X							
IO-540-J4A5 (25°,250HP)	M2120	M2117	M2118				X				
IO-540-J4A5 (25°,250HP)	M2157	M2158	M2159						X		
IO-540-K1A5 (20°,300HP)	M2899	M2900	M2901	X							
IO-540-K1A5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-K1A5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-K1A5D (20°,300HP)	M2919									X	
IO-540-K1B5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-K1B5 (20°,300HP)	M6003	M2963	M2964	X							
IO-540-K1B5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-K1B5 (20°,300HP)	M2899	M2900	M2901	X							
IO-540-K1C5 (20°,300HP)	M6018	M6012	M6013	X							
IO-540-K1C5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-K1C5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-K1D5 (20°,300HP)	M2896	M2897	M2898	X							
IO-540-K1D5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-K1D5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-K1E5 (20°,300HP)	M6003	M2963	M2964	X							
IO-540-K1E5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-K1E5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-K1F5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-K1F5 (20°,300HP)	M6018	M6012	M6013	X							
IO-540-K1F5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-K1F5D (20°,300HP)	M2919									X	
IO-540-K1G5 (20°,300HP)	M6003	M2963	M2964	X							
IO-540-K1G5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-K1G5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-K1G5D (20°,300HP)	M2919									X	
IO-540-K1H5 (20°,300HP)	M6003	M2963	M2964	X							
IO-540-K1H5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-K1H5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-K1J5 (20°,300HP)	M6018	M6012	M6013	X							
IO-540-K1J5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-K1J5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-K1K5 (20°,300HP)	M6003	M2963	M2964	X							
IO-540-K1K5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-K1K5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-K2A5 (20°,300HP)	M2899	M2900	M2901	X							
IO-540-L1A5 (20°,300HP)	M6003	M2963	M2964	X							
IO-540-L1A5 (20°,300HP)	M2120	M2117	M2118				X				
IO-540-L1A5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-L1C5 (20°,300HP)	M6003	M2963	M2964	X							

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-30	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
IO-540-L1C5 (20°,300HP)	M2120	M2117	M2118					X			
IO-540-L1C5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-M1A5 (20°,300HP)	M6017	M6010	M6011	X							
IO-540-M1A5 (20°,300HP)	M2120	M2117	M2118					X			
IO-540-M1A5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-M1C5 (20°,300HP)	M6017	M6010	M6011	X							
IO-540-N1A5 (25°,260HP)	M2120	M2117	M2118					X			
IO-540-P1A5 (20°,290HP)	M6018	M6012	M6013	X							
IO-540-P1A5 (20°,290HP)	M2120	M2117	M2118					X			
IO-540-P1A5 (20°,290HP)	M2157	M2158	M2159						X		
IO-540-R1A5 (25°,260HP)	M2120	M2117	M2118					X			
IO-540-R1A5 (25°,260HP)	M2157	M2158	M2159						X		
IO-540-S1A5 (20°,300HP)	M6018	M6012	M6013	X							
IO-540-S1A5 (20°,300HP)	M2120	M2117	M2118					X			
IO-540-S1A5 (20°,300HP)	M2157	M2158	M2159						X		
IO-540-T4A5D (25°,260HP)	M2919									X	
IO-540-T4B5 (25°,260HP)	M2899	M2900	M2901	X							
IO-540-T4B5D (25°,260HP)	M2919									X	
IO-540-W1A5 (23°,235HP)	M2896	M2897	M2898	X							
IO-540-W1A5D (23°,235HP)	M2919									X	
IO-540-W3A5D (23°,235HP)	M2919									X	
IVO-360-A1A (25°,180HP)	M4033	M4031	M4032				X				2, 3
LIO-320-B1A (25°,160HP)	M2508	M2506	M2507	X							2
LIO-320-B1A (25°,160HP)	M2360	M2362	M2361				X				2
LIO-320-B1A (25°,160HP)	M2235	M2237	M2236					X			2
LIO-320-C1A (25°,160HP)	M2508	M2506	M2507	X							2
LIO-320-C1A (25°,160HP)	M2360	M2362	M2361				X				2
LIO-320-C1A (25°,160HP)	M2235	M2237	M2236					X			2
LIO-360-C1E6 (20°,200HP)	M2661	M2662	M2663				X				2, 3
LIO-360-C1E6 (20°,200HP)	M2616	M2617	M2618					X			2, 3
LIO-360-C1E6 (25°,200HP)	M2661	M2662	M2663				X				2, 3
LIO-360-C1E6 (25°,200HP)	M2616	M2617	M2618					X			2, 3
LO-360-A1G6D (25°,180HP)	M2915									X	2, 3
LO-360-E1A6D (25°,180HP)	M2917									X	2, 3
LTIO-540-F2BD (20°,325HP)	M2918									X	
LTIO-540-J2B (20°,350HP)	M6057	M6058	M6059	X							
LTIO-540-J2BD (20°,350HP)	M2918									X	
LTIO-540-N2BD (20°,350HP)	M2918									X	
LTIO-540-R2AD (20°,350HP)	M2918									X	
LTIO-540-V2AD (20°,350HP)	M2995									X	

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-31	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		D2000; D3000	Notes
O-235-C1 (25°,115HP)	M2508	M2506	M2507	X															2
O-235-C1 (25°,115HP)	M2360	M2362	M2361							X									2
O-235-C1 (25°,115HP)	M2235	M2237	M2236								X								2
O-235-C1B (25°,115HP)	M2508	M2506	M2507	X															2
O-235-C1B (25°,115HP)	M2360	M2362	M2361							X									2
O-235-C1B (25°,115HP)	M2235	M2237	M2236								X								2
O-235-C1C (25°,115HP)	M2508	M2506	M2507	X															2
O-235-C1C (25°,115HP)	M2360	M2362	M2361							X									2
O-235-C1C (25°,115HP)	M2235	M2237	M2236								X								2
O-235-C2A (25°,115HP)	M2508	M2506	M2507	X															2
O-235-C2A (25°,115HP)	M2360	M2362	M2361							X									2
O-235-C2A (25°,115HP)	M2235	M2237	M2236								X								2
O-235-C2B (25°,115HP)	M2508	M2506	M2507	X															2
O-235-C2B (25°,115HP)	M2360	M2362	M2361							X									2
O-235-C2B (25°,115HP)	M2235	M2237	M2236								X								2
O-235-C2C (25°,115HP)	M2508	M2506	M2507	X															2
O-235-C2C (25°,115HP)	M2360	M2362	M2361							X									2
O-235-C2C (25°,115HP)	M2235	M2237	M2236								X								2
O-235-E1 (25°,115HP)	M2508	M2506	M2507	X															2
O-235-E1 (25°,115HP)	M2360	M2362	M2361							X									2
O-235-E1 (25°,115HP)	M2235	M2237	M2236								X								2
O-235-E2A (25°,115HP)	M2508	M2506	M2507	X															2
O-235-E2A (25°,115HP)	M2360	M2362	M2361							X									2
O-235-E2A (25°,115HP)	M2235	M2237	M2236								X								2
O-235-E2B (25°,115HP)	M2508	M2506	M2507	X															2
O-235-E2B (25°,115HP)	M2360	M2362	M2361							X									2
O-235-E2B (25°,115HP)	M2235	M2237	M2236								X								2
O-235-F1 (25°,125HP)	M2508	M2506	M2507	X															2
O-235-F1 (25°,125HP)	M2360	M2362	M2361							X									2
O-235-F1 (25°,125HP)	M2235	M2237	M2236								X								2
O-235-F1B (25°,125HP)	M2508	M2506	M2507	X															2
O-235-F1B (25°,125HP)	M2360	M2362	M2361							X									2
O-235-F1B (25°,125HP)	M2235	M2237	M2236								X								2
O-235-F2A (25°,125HP)	M2508	M2506	M2507	X															2
O-235-F2A (25°,125HP)	M2360	M2362	M2361							X									2
O-235-F2A (25°,125HP)	M2235	M2237	M2236								X								2
O-235-F2B (25°,125HP)	M2508	M2506	M2507	X															2
O-235-F2B (25°,125HP)	M2360	M2362	M2361							X									2
O-235-F2B (25°,125HP)	M2235	M2237	M2236								X								2
O-235-G1 (25°,125HP)	M2508	M2506	M2507	X															2
O-235-G1 (25°,125HP)	M2360	M2362	M2361							X									2
O-235-G1 (25°,125HP)	M2235	M2237	M2236								X								2
O-235-G2A (25°,125HP)	M2508	M2506	M2507	X															2
O-235-G2A (25°,125HP)	M2360	M2362	M2361							X									2
O-235-G2A (25°,125HP)	M2235	M2237	M2236								X								2
O-235-G2B (25°,125HP)	M2508	M2506	M2507	X															2

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-32	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
O-235-G2B (25°,125HP)	M2360	M2362	M2361				X				2
O-235-G2B (25°,125HP)	M2235	M2237	M2236					X			2
O-235-H2C (25°,115HP)	M2508	M2506	M2507	X							2
O-235-H2C (25°,115HP)	M2360	M2362	M2361				X				2
O-235-H2C (25°,115HP)	M2235	M2237	M2236					X			2
O-235-J2A (25°,125HP)	M2508	M2506	M2507	X							2
O-235-J2A (25°,125HP)	M2360	M2362	M2361				X				2
O-235-J2A (25°,125HP)	M2235	M2237	M2236					X			2
O-235-J2B (25°,125HP)	M2508	M2506	M2507	X							2
O-235-J2B (25°,125HP)	M2360	M2362	M2361				X				2
O-235-J2B (25°,125HP)	M2235	M2237	M2236					X			2
O-235-K2A (20°,118HP)	M2508	M2506	M2507	X							2
O-235-K2A (20°,118HP)	M2360	M2362	M2361				X				2
O-235-K2A (20°,118HP)	M2235	M2237	M2236					X			2
O-235-K2B (20°,118HP)	M2508	M2506	M2507	X							2
O-235-K2B (20°,118HP)	M2360	M2362	M2361				X				2
O-235-K2B (20°,118HP)	M2235	M2237	M2236					X			2
O-235-K2C (20°,118HP)	M2508	M2506	M2507	X							2
O-235-K2C (20°,118HP)	M2360	M2362	M2361				X				2
O-235-K2C (20°,118HP)	M2235	M2237	M2236					X			2
O-235-L2A (20°,118HP)	M2508	M2506	M2507	X							2
O-235-L2A (20°,118HP)	M2360	M2362	M2361				X				2
O-235-L2A (20°,118HP)	M2235	M2237	M2236					X			2
O-235-L2C (20°,118HP)	M2508	M2506	M2507	X							2
O-235-L2C (20°,118HP)	M2360	M2362	M2361				X				2
O-235-L2C (20°,118HP)	M2235	M2237	M2236					X			2
O-235-M1 (20°,118HP)	M2508	M2506	M2507	X							2
O-235-M1 (20°,118HP)	M2360	M2362	M2361				X				2
O-235-M1 (20°,118HP)	M2235	M2237	M2236					X			2
O-235-M2C (20°,118HP)	M2508	M2506	M2507	X							2
O-235-M2C (20°,118HP)	M2360	M2362	M2361				X				2
O-235-M2C (20°,118HP)	M2235	M2237	M2236					X			2
O-235-N2A (20°,116HP)	M2508	M2506	M2507	X							2
O-235-N2A (20°,116HP)	M2360	M2362	M2361				X				2
O-235-N2A (20°,116HP)	M2235	M2237	M2236					X			2
O-235-N2C (20°,116HP)	M2508	M2506	M2507	X							2
O-235-N2C (20°,116HP)	M2360	M2362	M2361				X				2
O-235-N2C (20°,116HP)	M2235	M2237	M2236					X			2
O-235-P1 (20°,116HP)	M2508	M2506	M2507	X							2
O-235-P1 (20°,116HP)	M2360	M2362	M2361				X				2
O-235-P1 (20°,116HP)	M2235	M2237	M2236					X			2
O-235-P2A (20°,116HP)	M2508	M2506	M2507	X							2
O-235-P2A (20°,116HP)	M2360	M2362	M2361				X				2
O-235-P2A (20°,116HP)	M2235	M2237	M2236					X			2

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-33	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		D2000; D3000	Notes
O-290-D (20°,125HP)	M2508	M2506	M2507	X															2
O-290-D2 (18°,135HP)	M2360	M2362	M2361							X									2
O-290-D2A (18°,135HP)	M2360	M2362	M2361							X									2
O-290-D2B (25°,135HP)	M2360	M2362	M2361							X									2
O-290-D2C (25°,135HP)	M2360	M2362	M2361							X									2
O-320-A1A (25°,150HP)	M2508	M2506	M2507	X															2
O-320-A1A (25°,150HP)	M2360	M2362	M2361							X									2
O-320-A1A (25°,150HP)	M2235	M2237	M2236								X								2
O-320-A1B (25°,150HP)	M2508	M2506	M2507	X															2
O-320-A1B (25°,150HP)	M2360	M2362	M2361							X									2
O-320-A1B (25°,150HP)	M2235	M2237	M2236								X								2
O-320-A2A (25°,150HP)	M2508	M2506	M2507	X															2
O-320-A2A (25°,150HP)	M2360	M2362	M2361							X									2
O-320-A2A (25°,150HP)	M2235	M2237	M2236								X								2
O-320-A2B (25°,150HP)	M2508	M2506	M2507	X															2
O-320-A2B (25°,150HP)	M2360	M2362	M2361							X									2
O-320-A2C (25°,150HP)	M2508	M2506	M2507	X															2
O-320-A2C (25°,150HP)	M2360	M2362	M2361							X									2
O-320-A2C (25°,150HP)	M2235	M2237	M2236								X								2
O-320-A2D (25°,150HP)	M2508	M2506	M2507	X															2
O-320-A2D (25°,150HP)	M2360	M2362	M2361							X									2
O-320-A2D (25°,150HP)	M2235	M2237	M2236								X								2
O-320-A3A (25°,150HP)	M2508	M2506	M2507	X															2
O-320-A3A (25°,150HP)	M2360	M2362	M2361							X									2
O-320-A3A (25°,150HP)	M2235	M2237	M2236								X								2
O-320-A3B (25°,150HP)	M2508	M2506	M2507	X															2
O-320-A3B (25°,150HP)	M2360	M2362	M2361							X									2
O-320-A3B (25°,150HP)	M2235	M2237	M2236								X								2
O-320-A3C (25°,150HP)	M2508	M2506	M2507	X															2
O-320-A3C (25°,150HP)	M2360	M2362	M2361							X									2
O-320-A3C (25°,150HP)	M2235	M2237	M2236								X								2
O-320-B1A (25°,160HP)	M2508	M2506	M2507	X															2
O-320-B1A (25°,160HP)	M2360	M2362	M2361							X									2
O-320-B1A (25°,160HP)	M2235	M2237	M2236								X								2
O-320-B1B (25°,160HP)	M2508	M2506	M2507	X															2
O-320-B1B (25°,160HP)	M2360	M2362	M2361							X									2
O-320-B2A (25°,160HP)	M2508	M2506	M2507	X															2
O-320-B2A (25°,160HP)	M2360	M2362	M2361							X									2
O-320-B2A (25°,160HP)	M2235	M2237	M2236								X								2
O-320-B2B (25°,160HP)	M2508	M2506	M2507	X															2
O-320-B2B (25°,160HP)	M2360	M2362	M2361							X									2
O-320-B2B (25°,160HP)	M2235	M2237	M2236								X								2
O-320-B2C (25°,160HP)	M2508	M2506	M2507	X															2
O-320-B2C (25°,160HP)	M2360	M2362	M2361							X									2
O-320-B2D (25°,160HP)	M2508	M2506	M2507	X															2

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-34	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		D2000; D3000		Notes
O-320-B3A (25°,160HP)	M2508	M2506	M2507	X																2
O-320-B3A (25°,160HP)	M2360	M2362	M2361							X										2
O-320-B3A (25°,160HP)	M2235	M2237	M2236									X								2
O-320-B3B (25°,160HP)	M2508	M2506	M2507	X																2
O-320-B3B (25°,160HP)	M2360	M2362	M2361							X										2
O-320-B3B (25°,160HP)	M2235	M2237	M2236									X								2
O-320-B3C (25°,160HP)	M2508	M2506	M2507	X																2
O-320-B3C (25°,160HP)	M2360	M2362	M2361							X										2
O-320-B3C (25°,160HP)	M2235	M2237	M2236									X								2
O-320-C1A (25°,150HP)	M2508	M2506	M2507	X																2
O-320-C1A (25°,150HP)	M2360	M2362	M2361							X										2
O-320-C1A (25°,150HP)	M2235	M2237	M2236									X								2
O-320-C1B (25°,150HP)	M2508	M2506	M2507	X																2
O-320-C1B (25°,150HP)	M2360	M2362	M2361							X										2
O-320-C1B (25°,150HP)	M2235	M2237	M2236									X								2
O-320-C2A (25°,150HP)	M2508	M2506	M2507	X																2
O-320-C2A (25°,150HP)	M2360	M2362	M2361							X										2
O-320-C2A (25°,150HP)	M2235	M2237	M2236									X								2
O-320-C2B (25°,150HP)	M2508	M2506	M2507	X																2
O-320-C2B (25°,150HP)	M2360	M2362	M2361							X										2
O-320-C2B (25°,150HP)	M2235	M2237	M2236									X								2
O-320-C2C (25°,150HP)	M2508	M2506	M2507	X																2
O-320-C2C (25°,150HP)	M2360	M2362	M2361							X										2
O-320-C2C (25°,150HP)	M2235	M2237	M2236									X								2
O-320-C3A (25°,150HP)	M2508	M2506	M2507	X																2
O-320-C3A (25°,150HP)	M2360	M2362	M2361							X										2
O-320-C3A (25°,150HP)	M2235	M2237	M2236									X								2
O-320-C3B (25°,150HP)	M2508	M2506	M2507	X																2
O-320-C3B (25°,150HP)	M2360	M2362	M2361							X										2
O-320-C3B (25°,150HP)	M2235	M2237	M2236									X								2
O-320-C3C (25°,150HP)	M2508	M2506	M2507	X																2
O-320-C3C (25°,150HP)	M2360	M2362	M2361							X										2
O-320-C3C (25°,150HP)	M2235	M2237	M2236									X								2
O-320-D1A (25°,150HP)	M2508	M2506	M2507	X																2
O-320-D1A (25°,150HP)	M2360	M2362	M2361							X										2
O-320-D1A (25°,150HP)	M2235	M2237	M2236									X								2
O-320-D1A (25°,160HP)	M2508	M2506	M2507	X																2
O-320-D1A (25°,160HP)	M2360	M2362	M2361							X										2
O-320-D1A (25°,160HP)	M2235	M2237	M2236									X								2
O-320-D1B (25°,150HP)	M2360	M2362	M2361							X										2
O-320-D1B (25°,150HP)	M2235	M2237	M2236									X								2
O-320-D1B (25°,160HP)	M2360	M2362	M2361							X										2
O-320-D1B (25°,160HP)	M2235	M2237	M2236									X								2
O-320-D1C (25°,150HP)	M2508	M2506	M2507	X																2
O-320-D1C (25°,150HP)	M2360	M2362	M2361							X										2
O-320-D1C (25°,150HP)	M2235	M2237	M2236									X								2

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-35	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		D2000; D3000		Notes
O-320-D1C (25°,160HP)	M2508	M2506	M2507	X																2
O-320-D1C (25°,160HP)	M2360	M2362	M2361							X										2
O-320-D1C (25°,160HP)	M2235	M2237	M2236								X									2
O-320-D1D (25°,150HP)	M2508	M2506	M2507	X																2
O-320-D1D (25°,150HP)	M2360	M2362	M2361							X										2
O-320-D1D (25°,150HP)	M2235	M2237	M2236								X									2
O-320-D1D (25°,160HP)	M2508	M2506	M2507	X																2
O-320-D1D (25°,160HP)	M2360	M2362	M2361							X										2
O-320-D1D (25°,160HP)	M2235	M2237	M2236								X									2
O-320-D1F (25°,150HP)	M2508	M2506	M2507	X																2
O-320-D1F (25°,150HP)	M2360	M2362	M2361							X										2
O-320-D1F (25°,150HP)	M2235	M2237	M2236								X									2
O-320-D1F (25°,160HP)	M2508	M2506	M2507	X																2
O-320-D1F (25°,160HP)	M2360	M2362	M2361							X										2
O-320-D1F (25°,160HP)	M2235	M2237	M2236								X									2
O-320-D2A (25°,150HP)	M2508	M2506	M2507	X																2
O-320-D2A (25°,150HP)	M2360	M2362	M2361							X										2
O-320-D2A (25°,150HP)	M2235	M2237	M2236								X									2
O-320-D2A (25°,160HP)	M2508	M2506	M2507	X																2
O-320-D2A (25°,160HP)	M2360	M2362	M2361							X										2
O-320-D2A (25°,160HP)	M2235	M2237	M2236								X									2
O-320-D2B (25°,150HP)	M2508	M2506	M2507	X																2
O-320-D2B (25°,150HP)	M2360	M2362	M2361							X										2
O-320-D2B (25°,150HP)	M2235	M2237	M2236								X									2
O-320-D2B (25°,160HP)	M2508	M2506	M2507	X																2
O-320-D2B (25°,160HP)	M2360	M2362	M2361							X										2
O-320-D2B (25°,160HP)	M2235	M2237	M2236								X									2
O-320-D2C (25°,150HP)	M2508	M2506	M2507	X																2
O-320-D2C (25°,150HP)	M2360	M2362	M2361							X										2
O-320-D2C (25°,150HP)	M2235	M2237	M2236								X									2
O-320-D2C (25°,160HP)	M2508	M2506	M2507	X																2
O-320-D2C (25°,160HP)	M2360	M2362	M2361							X										2
O-320-D2C (25°,160HP)	M2235	M2237	M2236								X									2
O-320-D2F (25°,150HP)	M2508	M2506	M2507	X																2
O-320-D2F (25°,150HP)	M2360	M2362	M2361							X										2
O-320-D2F (25°,150HP)	M2235	M2237	M2236								X									2
O-320-D2F (25°,160HP)	M2508	M2506	M2507	X																2
O-320-D2F (25°,160HP)	M2360	M2362	M2361							X										2
O-320-D2F (25°,160HP)	M2235	M2237	M2236								X									2
O-320-D2G (25°,150HP)	M2508	M2506	M2507	X																2
O-320-D2G (25°,150HP)	M2360	M2362	M2361							X										2
O-320-D2G (25°,150HP)	M2235	M2237	M2236								X									2
O-320-D2G (25°,160HP)	M2508	M2506	M2507	X																2
O-320-D2G (25°,160HP)	M2360	M2362	M2361							X										2
O-320-D2G (25°,160HP)	M2235	M2237	M2236								X									2
O-320-D2H (25°,150HP)	M2508	M2506	M2507	X																2

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-36	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
O-320-D2H (25°,150HP)	M2360	M2362	M2361				X				2
O-320-D2H (25°,150HP)	M2235	M2237	M2236					X			2
O-320-D2H (25°,160HP)	M2508	M2506	M2507	X							2
O-320-D2H (25°,160HP)	M2360	M2362	M2361				X				2
O-320-D2H (25°,160HP)	M2235	M2237	M2236					X			2
O-320-D2J (25°,150HP)	M2508	M2506	M2507	X							2
O-320-D2J (25°,150HP)	M2360	M2362	M2361				X				2
O-320-D2J (25°,150HP)	M2235	M2237	M2236					X			2
O-320-D2J (25°,160HP)	M2508	M2506	M2507	X							2
O-320-D2J (25°,160HP)	M2360	M2362	M2361				X				2
O-320-D2J (25°,160HP)	M2235	M2237	M2236					X			2
O-320-D3G (25°,150HP)	M2508	M2506	M2507	X							2
O-320-D3G (25°,150HP)	M2360	M2362	M2361				X				2
O-320-D3G (25°,150HP)	M2235	M2237	M2236					X			2
O-320-D3G (25°,160HP)	M2508	M2506	M2507	X							2
O-320-D3G (25°,160HP)	M2360	M2362	M2361				X				2
O-320-D3G (25°,160HP)	M2235	M2237	M2236					X			2
O-320-E1A (25°,150HP)	M2508	M2506	M2507	X							2
O-320-E1A (25°,150HP)	M2360	M2362	M2361				X				2
O-320-E1A (25°,150HP)	M2235	M2237	M2236					X			2
O-320-E1B (25°,150HP)	M2360	M2362	M2361				X				2
O-320-E1B (25°,150HP)	M2235	M2237	M2236					X			2
O-320-E1C (25°,150HP)	M2508	M2506	M2507	X							2
O-320-E1C (25°,150HP)	M2360	M2362	M2361				X				2
O-320-E1C (25°,150HP)	M2235	M2237	M2236					X			2
O-320-E1F (25°,150HP)	M2508	M2506	M2507	X							2
O-320-E1F (25°,150HP)	M2360	M2362	M2361				X				2
O-320-E1F (25°,150HP)	M2235	M2237	M2236					X			2
O-320-E1J (25°,150HP)	M2508	M2506	M2507	X							2
O-320-E1J (25°,150HP)	M2360	M2362	M2361				X				2
O-320-E1J (25°,150HP)	M2235	M2237	M2236					X			2
O-320-E2A (25°,140HP)	M2508	M2506	M2507	X							2
O-320-E2A (25°,140HP)	M2360	M2362	M2361				X				2
O-320-E2A (25°,140HP)	M2235	M2237	M2236					X			2
O-320-E2A (25°,150HP)	M2508	M2506	M2507	X							2
O-320-E2A (25°,150HP)	M2360	M2362	M2361				X				2
O-320-E2A (25°,150HP)	M2235	M2237	M2236					X			2
O-320-E2B (25°,150HP)	M2508	M2506	M2507	X							2
O-320-E2B (25°,150HP)	M2360	M2362	M2361				X				2
O-320-E2B (25°,150HP)	M2235	M2237	M2236					X			2
O-320-E2C (25°,140HP)	M2508	M2506	M2507	X							2
O-320-E2C (25°,140HP)	M2360	M2362	M2361				X				2
O-320-E2C (25°,140HP)	M2235	M2237	M2236					X			2
O-320-E2C (25°,150HP)	M2508	M2506	M2507	X							2
O-320-E2C (25°,150HP)	M2360	M2362	M2361				X				2
O-320-E2C (25°,150HP)	M2235	M2237	M2236					X			2

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-37	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		Notes
O-320-E2D (25°,150HP)	M2508	M2506	M2507	X														2
O-320-E2D (25°,150HP)	M2360	M2362	M2361						X									2
O-320-E2D (25°,150HP)	M2235	M2237	M2236								X							2
O-320-E2F (25°,150HP)	M2508	M2506	M2507	X														2
O-320-E2F (25°,150HP)	M2360	M2362	M2361						X									2
O-320-E2F (25°,150HP)	M2235	M2237	M2236								X							2
O-320-E2G (25°,150HP)	M2508	M2506	M2507	X														2
O-320-E2G (25°,150HP)	M2360	M2362	M2361						X									2
O-320-E2G (25°,150HP)	M2235	M2237	M2236								X							2
O-320-E2H (25°,150HP)	M2508	M2506	M2507	X														2
O-320-E2H (25°,150HP)	M2360	M2362	M2361						X									2
O-320-E2H (25°,150HP)	M2235	M2237	M2236								X							2
O-320-E3D (25°,150HP)	M2508	M2506	M2507	X														2
O-320-E3D (25°,150HP)	M2360	M2362	M2361						X									2
O-320-E3D (25°,150HP)	M2235	M2237	M2236								X							2
O-320-E3H (25°,150HP)	M2508	M2506	M2507	X														2
O-320-E3H (25°,150HP)	M2360	M2362	M2361						X									2
O-320-E3H (25°,150HP)	M2235	M2237	M2236								X							2
O-320-H2AD (25°,160HP)	M2917													X				2
O-340-A1A (25°,170HP)	M2360	M2362	M2361							X								2
O-340-A2A (25°,170HP)	M2360	M2362	M2361							X								2
O-360-A1AD (25°,180HP)	M2915													X				2, 3
O-360-A1A-nd (25°,180HP)	M2508	M2506	M2507	X														2, 3, 10
O-360-A1A-nd (25°,180HP)	M2360	M2362	M2361						X									2, 3, 10
O-360-A1A-nd (25°,180HP)	M2235	M2237	M2236								X							2, 3, 10
O-360-A1A-wd (25°,180HP)	M2508	M2506	M2507	X														2, 3, 10
O-360-A1A-wd (25°,180HP)	M2360	M2362	M2361						X									2, 3, 10
O-360-A1A-wd (25°,180HP)	M2235	M2237	M2236								X							2, 3, 10
O-360-A1C (25°,180HP)	M2360	M2362	M2361						X									2, 3
O-360-A1C (25°,180HP)	M2235	M2237	M2236								X							2, 3
O-360-A1D (25°,180HP)	M2360	M2362	M2361						X									2, 3
O-360-A1D (25°,180HP)	M2235	M2237	M2236								X							2, 3
O-360-A1F (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A1F (25°,180HP)	M2360	M2362	M2361						X									2, 3
O-360-A1F (25°,180HP)	M2235	M2237	M2236								X							2, 3
O-360-A1F6 (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A1F6 (25°,180HP)	M2235	M2237	M2236								X							2, 3
O-360-A1F6D (25°,180HP)	M2916													X				2, 3
O-360-A1G (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A1G (25°,180HP)	M2360	M2362	M2361						X									2, 3
O-360-A1G (25°,180HP)	M2235	M2237	M2236								X							2, 3
O-360-A1G6 (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A1G6 (25°,180HP)	M2360	M2362	M2361						X									2, 3
O-360-A1G6 (25°,180HP)	M2235	M2237	M2236								X							2, 3

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-38	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		Notes
O-360-A1G6D (25°,180HP)	M2915																X	2, 3
O-360-A1H (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A1H (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A1H (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A1H6 (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A1LD (25°,180HP)	M2915																X	2, 3
O-360-A1P (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A2A (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A2A (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A2A (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A2D (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A2D (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A2E (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A2F (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A2F (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A2F (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A2G (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A2G (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A2G (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A2H (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A2H (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A2H (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A3A (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A3A (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A3A (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A3AD (25°,180HP)	M2915																X	2, 3
O-360-A3D (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A4A (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A4A (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A4A (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A4D (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A4G (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A4G (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A4G (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A4J (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A4J (25°,180HP)	M2613	M2614	M2615					X										2, 3
O-360-A4J (25°,180HP)	M2641	M2642	M2643							X								2, 3
O-360-A4K (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A4K (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A4K (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A4M (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A4M (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A4M (25°,180HP)	M2235	M2237	M2236							X								2, 3
O-360-A4N (25°,180HP)	M2508	M2506	M2507	X														2, 3
O-360-A4N (25°,180HP)	M2360	M2362	M2361					X										2, 3
O-360-A4N (25°,180HP)	M2235	M2237	M2236							X								2, 3

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-39	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		D2000; D3000	Notes
O-360-A4P (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-A5AD (25°,180HP)	M2915																X		2, 3
O-360-B1A (25°,168HP)	M2508	M2506	M2507	X															2, 3
O-360-B1A (25°,168HP)	M2360	M2362	M2361						X										2, 3
O-360-B1A (25°,168HP)	M2235	M2237	M2236								X								2, 3
O-360-B1B (25°,168HP)	M2508	M2506	M2507	X															2, 3
O-360-B2A (25°,168HP)	M2508	M2506	M2507	X															2, 3
O-360-B2A (25°,168HP)	M2360	M2362	M2361						X										2, 3
O-360-B2A (25°,168HP)	M2235	M2237	M2236								X								2, 3
O-360-B2B (25°,168HP)	M2508	M2506	M2507	X															2, 3
O-360-C1A (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C1A (25°,180HP)	M2360	M2362	M2361						X										2, 3
O-360-C1A (25°,180HP)	M2235	M2237	M2236								X								2, 3
O-360-C1C (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C1C (25°,180HP)	M2360	M2362	M2361						X										2, 3
O-360-C1C (25°,180HP)	M2235	M2237	M2236								X								2, 3
O-360-C1E (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C1E (25°,180HP)	M2360	M2362	M2361						X										2, 3
O-360-C1E (25°,180HP)	M2235	M2237	M2236								X								2, 3
O-360-C1F (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C1F (25°,180HP)	M2360	M2362	M2361						X										2, 3
O-360-C1F (25°,180HP)	M2235	M2237	M2236								X								2, 3
O-360-C1G (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C1G (25°,180HP)	M2360	M2362	M2361						X										2, 3
O-360-C1G (25°,180HP)	M2235	M2237	M2236								X								2, 3
O-360-C2A (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C2A (25°,180HP)	M2360	M2362	M2361						X										2, 3
O-360-C2A (25°,180HP)	M2235	M2237	M2236								X								2, 3
O-360-C2B (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C2B (25°,180HP)	M2360	M2362	M2361						X										2, 3
O-360-C2B (25°,180HP)	M2235	M2237	M2236								X								2, 3
O-360-C2C (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C2C (25°,180HP)	M2360	M2362	M2361						X										2, 3
O-360-C2C (25°,180HP)	M2235	M2237	M2236								X								2, 3
O-360-C2D (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C2E (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C2E (25°,180HP)	M2360	M2362	M2361						X										2, 3
O-360-C2E (25°,180HP)	M2235	M2237	M2236								X								2, 3
O-360-C4F (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-C4P (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-D1A (25°,168HP)	M2508	M2506	M2507	X															2, 3
O-360-D1A (25°,168HP)	M2360	M2362	M2361						X										2, 3
O-360-D1A (25°,168HP)	M2235	M2237	M2236								X								2, 3
O-360-D2A (25°,168HP)	M2508	M2506	M2507	X															2, 3
O-360-D2A (25°,168HP)	M2360	M2362	M2361						X										2, 3
O-360-D2A (25°,168HP)	M2235	M2237	M2236								X								2, 3

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-40	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300		6200; 6300		600		S4-20; S4-200		S6-20; S6-200		S4-1200		S6-1200		D2000; D3000	Notes
O-360-D2B (25°,168HP)	M2360	M2362	M2361							X									2, 3
O-360-E1A6D (25°,180HP)	M2917																X		2, 3
O-360-F1A6 (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-F1A6 (25°,180HP)	M2360	M2362	M2361							X									2, 3
O-360-F1A6 (25°,180HP)	M2235	M2237	M2236									X							2, 3
O-360-G1A6 (25°,180HP)	M2508	M2506	M2507	X															2, 3
O-360-G1A6 (25°,180HP)	M2360	M2362	M2361							X									2, 3
O-360-G1A6 (25°,180HP)	M2235	M2237	M2236									X							2, 3
O-360-J2A (25°,145HP)	M2360	M2362	M2361							X									2, 3
O-540-A1A (25°,250HP)	M2896	M2897	M2898		X														
O-540-A1A (25°,250HP)	M2120	M2117	M2118								X								
O-540-A1A5 (25°,250HP)	M2896	M2897	M2898		X														
O-540-A1A5 (25°,250HP)	M2120	M2117	M2118								X								
O-540-A1A5 (25°,250HP)	M2157	M2158	M2159										X						
O-540-A1B5 (25°,250HP)	M6042	M6043	M2888		X														
O-540-A1B5 (25°,250HP)	M2896	M2897	M2898		X														
O-540-A1B5 (25°,250HP)	M2120	M2117	M2118								X								
O-540-A1B5 (25°,250HP)	M2157	M2158	M2159										X						
O-540-A1C5 (25°,250HP)	M2896	M2897	M2898		X														
O-540-A1C5 (25°,250HP)	M2120	M2117	M2118								X								
O-540-A1C5 (25°,250HP)	M2157	M2158	M2159										X						
O-540-A1D (25°,250HP)	M6042	M6043	M2888		X														
O-540-A1D (25°,250HP)	M2120	M2117	M2118								X								
O-540-A1D (25°,250HP)	M2157	M2158	M2159										X						
O-540-A1D5 (25°,250HP)	M6042	M6043	M2888		X														
O-540-A1D5 (25°,250HP)	M2896	M2897	M2898		X														
O-540-A1D5 (25°,250HP)	M2120	M2117	M2118								X								
O-540-A1D5 (25°,250HP)	M2157	M2158	M2159										X						
O-540-A2B (25°,250HP)	M2896	M2897	M2898		X														
O-540-A2B (25°,250HP)	M2120	M2117	M2118								X								
O-540-A2B (25°,250HP)	M2157	M2158	M2159										X						
O-540-A3D5 (25°,250HP)	M2896	M2897	M2898		X														
O-540-A3D5 (25°,250HP)	M2120	M2117	M2118								X								
O-540-A3D5 (25°,250HP)	M2157	M2158	M2159										X						
O-540-A4A5 (25°,250HP)	M2896	M2897	M2898		X														
O-540-A4A5 (25°,250HP)	M2120	M2117	M2118								X								
O-540-A4B5 (25°,250HP)	M2896	M2897	M2898		X														
O-540-A4B5 (25°,250HP)	M2120	M2117	M2118								X								
O-540-A4C5 (25°,250HP)	M2896	M2897	M2898		X														
O-540-A4D5 (25°,250HP)	M2896	M2897	M2898		X														
O-540-A4D5 (25°,250HP)	M2120	M2117	M2118								X								
O-540-A4D5 (25°,250HP)	M2157	M2158	M2159										X						
O-540-B1A5 (25°,235HP)	M2896	M2897	M2898		X														
O-540-B1A5 (25°,235HP)	M2120	M2117	M2118								X								
O-540-B1A5 (25°,235HP)	M2157	M2158	M2159										X						

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-41	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
O-540-B1B5 (25°,235HP)	M2120	M2117	M2118				X				
O-540-B1B5 (25°,235HP)	M2157	M2158	M2159					X			
O-540-B1D5 (25°,235HP)	M2896	M2897	M2898	X							
O-540-B2A5 (25°,235HP)	M6042	M6043	M2888	X							
O-540-B2A5 (25°,235HP)	M2120	M2117	M2118				X				
O-540-B2A5 (25°,235HP)	M2157	M2158	M2159					X			
O-540-B2B5 (25°,235HP)	M2896	M2897	M2898	X							
O-540-B2B5 (25°,235HP)	M2120	M2117	M2118				X				
O-540-B2B5 (25°,235HP)	M2157	M2158	M2159					X			
O-540-B2B5-wd (25°,235HP)	M2896	M2897	M2898	X							10
O-540-B2B5-wd (25°,235HP)	M2120	M2117	M2118				X				10
O-540-B2B5-wd (25°,235HP)	M2157	M2158	M2159					X			10
O-540-B2C5 (25°,235HP)	M2896	M2897	M2898	X							
O-540-B2C5 (25°,235HP)	M2899	M2900	M2901	X							
O-540-B2C5 (25°,235HP)	M2120	M2117	M2118				X				
O-540-B2C5 (25°,235HP)	M2157	M2158	M2159					X			
O-540-B2C5-wd (25°,235HP)	M2896	M2897	M2898	X							10
O-540-B2C5-wd (25°,235HP)	M2120	M2117	M2118				X				10
O-540-B2C5-wd (25°,235HP)	M2157	M2158	M2159					X			10
O-540-B4A5 (25°,235HP)	M2120	M2117	M2118				X				
O-540-B4A5 (25°,235HP)	M2157	M2158	M2159					X			
O-540-B4B5 (25°,235HP)	M2896	M2897	M2898	X							
O-540-B4B5 (25°,235HP)	M2120	M2117	M2118				X				
O-540-B4B5 (25°,235HP)	M2157	M2158	M2159					X			
O-540-B4B5-wd (25°,235HP)	M2896	M2897	M2898	X							10
O-540-B4B5-wd (25°,235HP)	M2120	M2117	M2118				X				10
O-540-B4B5-wd (25°,235HP)	M2157	M2158	M2159					X			10
O-540-D1A5 (25°,250HP)	M6042	M6043	M2888	X							
O-540-D1A5 (25°,250HP)	M2896	M2897	M2898	X							
O-540-D1A5 (25°,250HP)	M2120	M2117	M2118				X				
O-540-D1A5 (25°,250HP)	M2157	M2158	M2159					X			
O-540-E4A5 (25°,260HP)	M6042	M6043	M2888	X							
O-540-E4A5 (25°,260HP)	M2896	M2897	M2898	X							
O-540-E4A5 (25°,260HP)	M2120	M2117	M2118				X				
O-540-E4A5 (25°,260HP)	M2157	M2158	M2159					X			
O-540-E4B5 (25°,260HP)	M2896	M2897	M2898	X							
O-540-E4B5 (25°,260HP)	M2120	M2117	M2118				X				
O-540-E4B5 (25°,260HP)	M2157	M2158	M2159					X			
O-540-E4B5-wd (25°,260HP)	M2896	M2897	M2898	X							10
O-540-E4B5-wd (25°,260HP)	M2120	M2117	M2118				X				10
O-540-E4B5-wd (25°,260HP)	M2157	M2158	M2159					X			10
O-540-E4C5 (25°,260HP)	M2899	M2900	M2901	X							
O-540-E4C5 (25°,260HP)	M2798	M2796	M2797				X				
O-540-E4C5 (25°,260HP)	M2157	M2158	M2159					X			
O-540-F1A5 (25°,260HP)	M2896	M2897	M2898	X							
O-540-F1B5 (25°,260HP)	M6042	M6043	M2888	X							

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-42	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			S4-20; S4-200 S6-20; S6-200 S4-1200 S6-1200			D2000; D3000	Notes
O-540-F1B5 (25°,260HP)	M2120	M2117	M2118					X			
O-540-F1B5 (25°,260HP)	M2157	M2158	M2159						X		
O-540-G1A5 (25°,260HP)	M2899	M2900	M2901	X							
O-540-G1A5 (25°,260HP)	M2120	M2117	M2118					X			
O-540-G1A5 (25°,260HP)	M2157	M2158	M2159						X		
O-540-G1A5-wd (25°,260HP)	M2899	M2900	M2901	X							10
O-540-G1A5-wd (25°,260HP)	M2120	M2117	M2118					X			10
O-540-G1A5-wd (25°,260HP)	M2157	M2158	M2159						X		10
O-540-G2A5 (25°,260HP)	M2899	M2900	M2901	X							
O-540-G2A5 (25°,260HP)	M2157	M2158	M2159						X		
O-540-G2A5 (25°,260HP)	M2120	M2117	M2118					X			
O-540-G2A5-wd (25°,260HP)	M2899	M2900	M2901	X							10
O-540-G2A5-wd (25°,260HP)	M2120	M2117	M2118					X			10
O-540-G2A5-wd (25°,260HP)	M2157	M2158	M2159						X		10
O-540-H1A5 (25°,260HP)	M2899	M2900	M2901	X							
O-540-H1B5D (25°,260HP)	M2919									X	
O-540-H2A5 (25°,260HP)	M2896	M2897	M2898	X							
O-540-H2A5 (25°,260HP)	M2120	M2117	M2118					X			
O-540-H2A5 (25°,260HP)	M2157	M2158	M2159						X		
O-540-H2B5D (25°,260HP)	M2919									X	
O-540-J1A5D (23°,235HP)	M2919									X	
O-540-J3A5 (23°,235HP)	M2896	M2897	M2898	X							
O-540-J3A5D (23°,235HP)	M2919									X	
O-540-J3C5D (25°,235HP)	M2919									X	
O-540-L3C5D (25°,235HP)	M2919									X	
TIGO-541-D1B (20°,450HP)	M2890	M2891	M2892						X		
TIGO-541-E1A (20°,425HP)	M2890	M2891	M2892						X		
TIO-540-A1A (20°,310HP)	M2037	M2041	M2039						X		
TIO-540-A1B (20°,310HP)	M2037	M2041	M2039						X		
TIO-540-A2A (20°,310HP)	M2037	M2041	M2039						X		
TIO-540-A2B (20°,310HP)	M2037	M2041	M2039						X		
TIO-540-A2B (20°,310HP)	M6044	M2965	M2966	X							
TIO-540-A2C (20°,310HP)	M2037	M2041	M2039						X		
TIO-540-A2C (20°,310HP)	M6044	M2965	M2966	X							
TIO-540-AE2A (20°,350HP)	M6044	M2965	M2966	X							
TIO-540-AF1A (20°,270HP)	M6044	M2965	M2966	X							
TIO-540-AG1A (20°,270HP)	M6044	M2965	M2966	X							
TIO-540-C1A (20°,250HP)	M2120	M2117	M2118					X			
TIO-540-C1A (20°,250HP)	M2851	M2853	M2852						X		
TIO-540-F2BD (20°,325HP)	M2918									X	
TIO-540-J2B (20°,350HP)	M6057	M6058	M6059	X							
TIO-540-J2BD (20°,350HP)	M2918									X	
TIO-540-N2BD (20°,350HP)	M2918									X	
TIO-540-R2AD (20°,350HP)	M2918									X	

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-43	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness								Notes	
				4200; 4300	6200; 6300	600	S4-20; S4-200	S6-20; S6-200	S4-1200	S6-1200		D2000; D3000
TIO-540-S1AD (20°,300HP)	M2997										X	
TIO-540-U2A (20°,350HP)	M6044	M2965	M2966	X								
TIO-540-V2AD (20°,350HP)	M2995										X	
TIO-540-W2A (20°,350HP)	M6005	M2965	M2966	X								
TIO-540-W2B (20°,350HP)	M6044	M2965	M2966	X								
TIO-541-A1A (20°,310HP)	M2628	M2629	M2630								X	
TIO-541-E1A4 (20°,380HP)	M2628	M2629	M2630								X	
TIO-541-E1B4 (20°,380HP)	M2628	M2629	M2630								X	
TIO-541-E1C4 (20°,380HP)	M2628	M2629	M2630								X	
TIVO-540-A2A (25°,315HP)	M2480	M2481	M2482					X				
TO-360-C1A6D (20°,210HP)	M2942										X	2, 3
TVO-435-A1A (25°,260HP)	M2865	M2866	M2867					X				
TVO-435-B1A - 1/2" (25°,270HP)	M2865	M2866	M2867					X				
TVO-435-B1A - 1/2" (25°,270HP)	M2447	M2448	M2449							X		
TVO-435-B1A - 13/16" (25°,270HP)	M2865	M2866	M2867					X				
TVO-435-B1A - 13/16" (25°,270HP)	M2447	M2448	M2449							X		
TVO-435-B1B (25°,270HP)	M2447	M2448	M2449							X		
TVO-435-D1A (25°,270HP)	M2447	M2448	M2449							X		
TVO-435-D1B (25°,270HP)	M2865	M2866	M2867					X				
TVO-435-F1A (25°,280HP)	M2865	M2866	M2867					X				
TVO-435-F1A (25°,280HP)	M2447	M2448	M2449							X		
TVO-435-G1A (25°,280HP)	M2447	M2448	M2449							X		
TVO-435-G1B (25°,280HP)	M2865	M2866	M2867					X				
VO-435-A1B - 1/2" (25°,260HP)	M2483	M2484	M2485					X				
VO-435-A1B - 13/16" (25°,260HP)	M2483	M2484	M2485					X				
VO-435-A1C - 1/2" (25°,260HP)	M2483	M2484	M2485					X				
VO-435-A1C - 13/16" (25°,260HP)	M2483	M2484	M2485					X				
VO-435-A1D - 1/2" (25°,260HP)	M2483	M2484	M2485					X				
VO-435-A1D - 13/16" (25°,260HP)	M2483	M2484	M2485					X				
VO-435-A1E - 1/2" (25°,260HP)	M2483	M2484	M2485					X				
VO-435-A1E - 13/16" (25°,260HP)	M2483	M2484	M2485					X				
VO-435-A1F - 1/2" (25°,260HP)	M2865	M2866	M2867					X				

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-44	H

Textron-Lycoming

Engine Engine - Model (Degree°, HP)	Complete Harness	LH Harness	RH Harness	4200; 4300 6200; 6300 600			SA-20; SA-200 S6-20; S6-200 SA-1200 S6-1200			D2000; D3000	Notes
VO-435-A1F - 13/16" (25°,260HP)	M2865	M2866	M2867					X			
VO-435-B1A - 1/2" (25°,265HP)	M2865	M2866	M2867					X			
VO-435-B1A - 1/2" (25°,265HP)	M2447	M2448	M2449						X		
VO-435-B1A - 13/16" (25°,265HP)	M2865	M2866	M2867					X			
VO-435-B1A - 13/16" (25°,265HP)	M2447	M2448	M2449						X		
VO-540-A1A (25°,310HP)	M2480	M2481	M2482					X			
VO-540-B1A (25°,305HP)	M2480	M2481	M2482					X			
VO-540-B1B (25°,305HP)	M2480	M2481	M2482					X			
VO-540-B1B3 (25°,305HP)	M2831	M2832	M2833					X			
VO-540-B1C (25°,305HP)	M2480	M2481	M2482					X			
VO-540-B1D (25°,305HP)	M2480	M2481	M2482					X			
VO-540-B1F (25°,305HP)	M2480	M2481	M2482					X			
VO-540-B2A (25°,305HP)	M2480	M2481	M2482					X			
VO-540-B2D (25°,305HP)	M2480	M2481	M2482					X			
VO-540-C1A (25°,315HP)	M2480	M2481	M2482					X			
VO-540-C1B (25°,315HP)	M2480	M2481	M2482					X			
VO-540-C1C3 (25°,305HP)	M2715	M2716	M2717					X			
VO-540-C2A (25°,315HP)	M2480	M2481	M2482					X			
VO-540-C2C (25°,315HP)	M2697	M2698	M2699						X		

HARNESSES 3/4"

ISSUED			REVISED		
MO	DAY	YR	MO	DAY	YR
11	01	89	03	01	09

Champion Aerospace LLC
 1230 Old Norris Road
 Liberty, South Carolina, U.S.A. 29657
 © 2009 Champion Aerospace LLC

PAGE NO.	REVISION
6-45/(6-46 Blank)	H