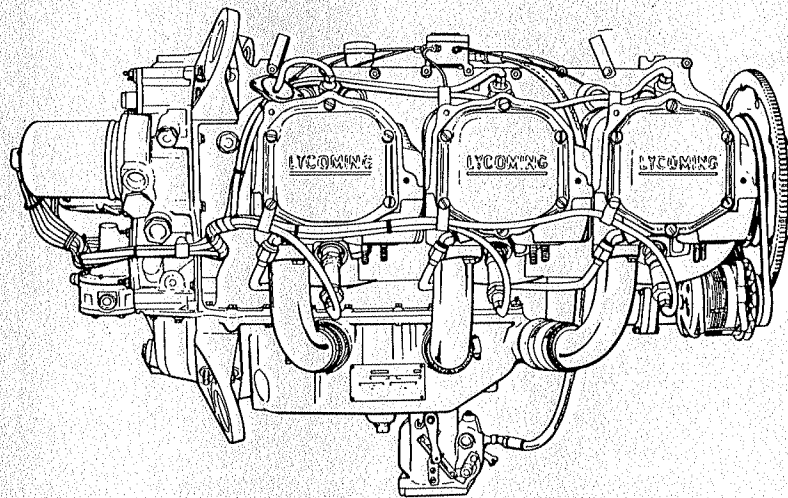


LYCOMING PARTS CATALOG

IO-540-(W.C.F.) MODELS
AIRCRAFT ENGINES



PC-615

OCTOBER, 1979

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.

TECHNICAL PUBLICATION SUPPLEMENT

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Insert in front of catalog for useage of subject matter.

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Figure 20: Slick Magnetos, Harnesses, Drives And Spark Plugs

List page added for IO-540-C4D5

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Figure 20: Slick Magneto, Harnesses, Drives And Spark Plugs

Illustration page added for IO-540-C4D5

NOTE

For all other IO-540-C4D5 parts, refer to IO-540-C4B5 in this catalog.

CYLINDER, PISTON AND VALVE TRAIN

VALVE ASSEMBLY

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY																
				CAB5	DAAS	GIDS	KIAS	KIASD	KIB5	KIDS	KIES	KIFS	KIG5	KIGSD	KIJS	KIJSO	SIAS	TAASD	TAB5D	
16																				
1	73938	VALVE, Intake			6	6													6	6
	LW-13622	VALVE, Intake					6	6	6	6	6	6	6	6	6	6	6	6		
2	74541	VALVE, Exhaust rotator type			6	6													6	6
	73111	VALVE, Exhaust rotator type					6	6	6	6		6	6	6	6	6	6			
	LW-11167	VALVE, Exhaust rotator type					6				6							6		
3	LW-11795	SPRING, Valve inner			12	12													12	12
	LW-11797	SPRING, Valve inner					12	12	12	12	12	12	12	12	12	12	12	12		
4	LW-11800	SPRING, Valve outer			12	12													12	12
	LW-11796	SPRING, Valve outer					12	12	12	12	12	12	12	12	12	12	12	12		
5	65441	SEAT, Valve spring lower intake			6	6													6	6
	LW-13321	SEAT, Valve spring lower intake					6	6	6	6	6	6	6	6	6	6	6	6		
6	LW-10077	SEAT, Valve spring upper intake			6	6													6	6
	69532	SEAT, Valve spring upper intake					6	6	6	6	6	6	6	6	6	6	6	6		
7	LW-13323	SEAT, Valve spring lower exhaust			6	6													6	6
	LW-13322	SEAT, Valve spring lower exhaust					6	6	6	6	6	6	6	6	6	6	6	6		
8	LW-10076	SEAT, Valve spring upper exhaust	6																	
9	60009	KEY, Valve intake			12	12													12	12
	72050	KEY, Valve intake					12	12	12	12	12	12	12	12	12	12	12	12		
10	62388	CAP, Valve stem					6	6	6	6	6	6	6	6	6	6	6	6		
11	MS13997-3	KEY, Valve exhaust	12																	
12	MS13998-3	CAP, Valve stem exhaust (rotator)	6																	
13	78290	PLUNGER ASSEMBLY, Hydraulic																		
	tappet		12																	
14	78524	SOCKET, Push rod hydraulic tappet	12																	
15	LW-11485	TUBE, Push rod shroud			12	12													12	12
	72255	SHROUD TUBE ASSY., Push rod					12	12	12	12	12	12	12	12	12	12	12	12		
16	LW-14995	SPRING, Shroud tube			6	6													6	6
	LW-13077	SPRING, Shroud tube					24	24	24	24	24	24	24	24	24	24	24	24		
17	LW-12272	LOCKPLATE, Shroud tube			6	6													6	6
18	STD-1411	NUT, 1/4-20 plain			6	6													6	6
19	66728	WASHER, 3/4 ID x 1-1/4 OD x 1/32																		
		(Max. 24)					24	24	24	24	24	24	24	24	24	24	24	24		
20	61503	SLEEVE, Shroud tube seal					12	12	12	12	12	12	12	12	12	12	12	12		
21	70310	SEAL, Shroud tube			12	12													12	12
22	62922	SEAL, Shroud tube			12	12	24	24	24	24	24	24	24	24	24	24	24	24		

* superseded by LW18661

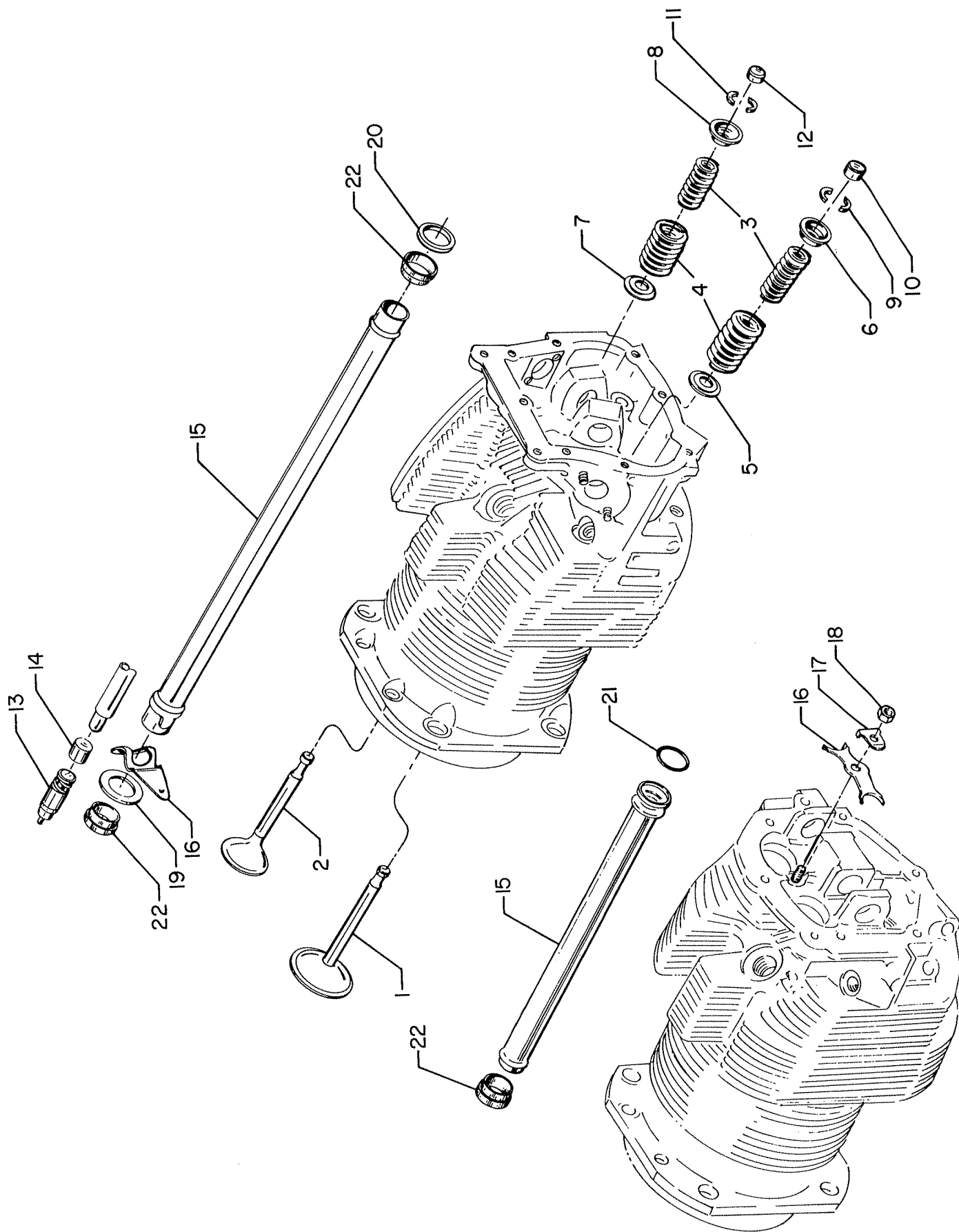


Figure 16 - Valve Assembly

CYLINDER, PISTON AND VALVE TRAIN

CYLINDER RELATED PARTS

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY															
				CAB	DAB	GAB	KAB	KIAB	KIABD	KIAB5	KIAB5D	KIAB5D	KIAB5D	KIAB5D	KIAB5D	KIAB5D	KIAB5D	KIAB5D	KIAB5D
1	73434	ROD ASSEMBLY, Push			un	un												un	un
	73435	ROD ASSEMBLY, Push			un	un												un	un
	73436	ROD ASSEMBLY, Push			un	un												un	un
	73455	ROD ASSEMBLY, Push					un	un	un	un	un	un	un	un	un	un	un	un	un
	73456	ROD ASSEMBLY, Push					un	un	un	un	un	un	un	un	un	un	un	un	un
	73457	ROD ASSEMBLY, Push					un	un	un	un	un	un	un	un	un	un	un	un	un
	73458	ROD ASSEMBLY, Push					un	un	un	un	un	un	un	un	un	un	un	un	un
2	69444	ROCKER ASSEMBLY, Valve intake			6	6												6	6
3	60398	BUSHING, Valve rocker intake			6	6												6	6
4	67113	ROCKER ASSEMBLY, Valve intake					6	6	6	6	6	6	6	6	6	6	6	6	6
5	67114	BUSHING, Valve rocker intake					6	6	6	6	6	6	6	6	6	6	6	6	6
6	74636	ROCKER ASSEMBLY, Exhaust valve			6	6												6	6
7	74637	BUSHING, Valve rocker exhaust			6	6												6	6
8	67112	ROCKER ASSEMBLY, Exhaust valve					6	6	6	6	6	6	6	6	6	6	6	6	6
9	67114	BUSHING, Valve rocker exhaust					6	6	6	6	6	6	6	6	6	6	6	6	6
10	71549	WASHER, Valve rocker					12	12	12	12	12	12	12	12	12	12	12	12	12
11	72626	SHAFT, Valve rocker					12	12	12	12	12	12	12	12	12	12	12	12	12
12	LW-13790	SHAFT, Valve rocker			6	6												6	6
13	LW-12892	THRUST BUTTON, Rocker shaft			12	12												12	12
14	66732	GASKET, Valve rocker shaft cover					12	12	12	12	12	12	12	12	12	12	12	12	12
15	66731	COVER, Valve rocker shaft					12	12	12	12	12	12	12	12	12	12	12	12	12
16	STD-160	WASHER, 1/4 lock					24	24	24	24	24	24	24	24	24	24	24	24	24
17	STD-1411	NUT, 1/4-20 plain					24	24	24	24	24	24	24	24	24	24	24	24	24
18	75906	GASKET, Rocker box cover			6	6												6	6
	67193	GASKET, Rocker box cover					6	6	6	6	6	6	6	6	6	6	6	6	6
19	61247	COVER, Rocker box			6	6												6	6
	68795	COVER ASSY., Rocker box					6	6	6	6	6	6	6	6	6	6	6	6	6
20	STD-1925	SCREW, 1/4-20 x 5/8 self-locking			36	36	48	48	48	48	48	48	48	48	48	48	48	36	36
21	74494	PLATE, Spark plug reach caution					6	6	6	6		6	6	6	6	6	6	6	6
22	71481	RING, Oil seal	6																
23	77906	SPACER, 1/2 ID x 7/8 OD x 1/8 thick	2																
24	74887	SPACER, 1/2 ID x 7/8 OD x 3/8 thick	2																
25	383-B	NUT, 3/8-24 plain	24																
26	STD-2090	NUT, 1/2-20 plain	28																
27	65321	GASKET, Exhaust flange			6	6												6	6
	75118	GASKET, Exhaust flange					12	12	12	12	12	12	12	12	12	12	12	12	12
28	61260	EXHAUST Flange			6	6												6	
	67195	EXHAUST Flange					6	6	6	6	6	6	6	6	6	6	6	6	6
29	STD-35	WASHER, 5/16 plain	12																
30	STD-475	WASHER, 5/16 lock	12																
31	STD-1410	NUT, 5/16-18 plain	12																
	STD-2043	NUT, 5/16-18 self-locking	12																

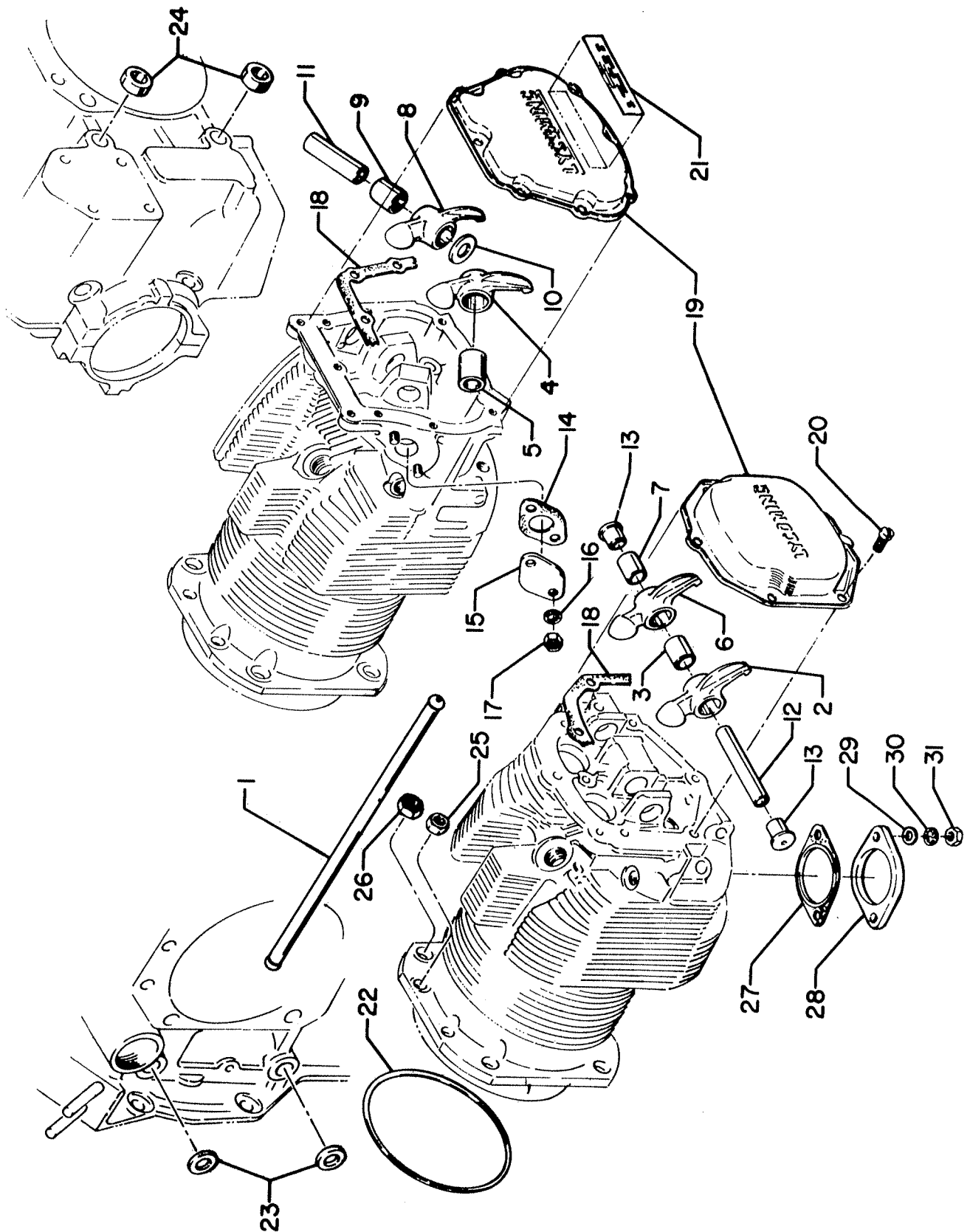


Figure 17 - Cylinder Related Parts