



MOONEY INTERNATIONAL CORPORATION
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MOONEY SPECIAL LETTER 15-12
Date: 08-19-2015

SUBJECT: To ADVISE MOONEY OWNERS/OPERATORS of the **LYCOMING Service Letter No. L247D (Supersedes Service Letter No. L247C) Issued July 27, 2015 - Shelf Life Requirements (see Attached).**

**MODELS/
S/N AFFECTED:** Per LYCOMING Service Letter No. L247D - Dated 07/27/2015 - All Owners and Operators of Lycoming Aircraft Engines (see attached).

**TIME OF
COMPLIANCE:** **LYCOMING Service Letter No. L247D Issued July 27, 2015 - Shelf Life Requirements (see Attached).**

INTRODUCTION: Per LYCOMING Service Letter No. L247D - Dated 07/27/2015 - Added part numbers and revised shelf lives in Table 1 and removed Table 3 (see Attached).

INSTRUCTIONS: Per LYCOMING Service Letter No. L247D - Dated 07/27/2015 - Incomplete review of all the information in this document can cause errors. Read the entire Service Letter to make sure you have a complete understanding of the requirements.
This Service Letter identifies the shelf life of parts used on Lycoming engine models, as well as the new PERISHABLE MATERIAL Form. The shelf life, in calendar quarters (three months duration), is the length of time a part can be stored on the shelf and be serviceable. (see attached for more detailed information).

WARRANTY: **LYCOMING Service Letter No. L247D Issued July 27, 2015 - Shelf Life Requirements (see Attached).**

**REFERENCE
DATA:** **LYCOMING Service Letter No. L247D Issued July 27, 2015 - Shelf Life Requirements (see Attached).**

PARTS LIST: **LYCOMING Service Letter No. L247D Issued July 27, 2015 - Shelf Life Requirements (see Attached).**



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SERVICE LETTER

Service Letter No. L247D
 (Supersedes Service Letter No. L247C)
 July 27, 2015

TO: All Owners and Operators of Lycoming Aircraft Engines

SUBJECT: Shelf Life Requirements

REASON FOR REVISION: Added part numbers and revised shelf lives in Table 1 and removed Table 3

NOTICE: Incomplete review of all the information in this document can cause errors. Read the entire Service Letter to make sure you have a complete understanding of the requirements.

This Service Letter identifies the shelf life of parts used on Lycoming engine models, as well as the new PERISHABLE MATERIAL Form. The shelf life, in calendar quarters (three months duration), is the length of time a part can be stored on the shelf and be serviceable.

Table 1 in this Service Letter identifies the shelf life for parts used on Lycoming engines. Table 2 is a list of part numbers and descriptions for pre-packaged parts from Lycoming Engines' suppliers that contain shelf life and cure date information for that part.

Parts sent from Lycoming Engines have a minimum of one year (four quarters) of shelf life beyond the invoice date. Parts also have a cure date, which is the date that the part was manufactured. The shipped part comes with cure date information as shown on Perishable Material Form 2629 (Figure 1). The cure date information must stay with the part until the part is assembled on an engine.

PERISHABLE MATERIAL	
Part/Spec No:	Rev:
Part Name:	Quantity:
Mfg Name:	Lot/Batch No:
Special Environmental Storage Conditions:	
Cure/Mix Date:	Expiration Date:
Form 2629	

Figure 1
Form 2629



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Another PERISHABLE MATERIAL Form 2629A, shown below in Figure 2, is used to enter a “Recert Date.” This Form 2629A is used by the Lycoming Engines’ Quality department during re-certification of all non-metallic parts that have less than one year of remaining shelf life. Lycoming Engines reserves the right to re-test any non-metallic parts and extend the shelf life of conforming non-metallics.

PERISHABLE MATERIAL	
Part/Spec No:	Rev:
Part Name:	Quantity:
Mfg Name:	Lot/Batch No:
Special Environmental Storage Conditions:	
Cure/Mix Date:	Recert Date:
Expiration Date:	
Form 2629A (9/13)	

Figure 2
Form 2629A

NOTICE: This Service Letter does not include parts made from silicone, Teflon, fluorocarbon, or fluorosilicone, which have a shelf life of more than 40 quarters (10 years).

TABLE 1
SHELF LIFE FOR LYCOMING PARTS

PART NUMBER	SHELF LIFE (QUARTERS)	DESCRIPTION
02G19460	40	NIPPLE
02M19799	32	HOSE
02M19896	40	HOSE
02M19899	40	HOSE
02M19906	40	HOSE
02M19973	40	HOSE
02M22269	40	HOSE
02M22427	32	HOSE
02M22744	40	HOSE
02M22920	40	HOSE
02M23165	40	HOSE
05P22558	8	CORROSION INHIBITOR - CRANKSHAFT
05P23087	18	PAINT
06A21729	12	SEAL
06A23493	40	SEAL
06B21326	12	GASKET
06B21509	12	GASKET
06B21644	12	GASKET
06B21937	12	GASKET
06B22275	12	GASKET
06B22359	12	GASKET
06B23072	12	GASKET
06B23862	12	GASKET

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**TABLE 1 CONTINUED
SHELF LIFE FOR LYCOMING PARTS**

PART NUMBER	SHELF LIFE (QUARTERS)	DESCRIPTION
07C22293	32	CLAMP
1027-C	12	GASKET
20415	12	GASKET
37A19773-350	24	BELT
37A19773-367	24	BELT
37A19773-372	24	BELT
37A19773-376	24	BELT
37A19773-380	24	BELT
37A19773-382	24	BELT
37A19973-440	24	BELT
37A19773-450	24	BELT
37A19773-464	24	BELT
37A19773-470	24	BELT
37A19773M380	24	BELT
37A19773M396	24	BELT
37A19773M410	24	BELT
37A19773M464	24	BELT
37B19774-325	24	BELT
37B19774-331	24	BELT
37B19774-341	24	BELT
37B19774-374	24	BELT
37B19774-380	24	BELT
37B19774-384	24	BELT
37B19774-400	24	BELT
37B19774-412	24	BELT
37B19774-446	24	BELT
37B19774-460	24	BELT
37D22355	24	BELT
40507	12	SEAL
45143	12	GASKET
45144	12	CUSHION
45483	12	GASKET
45526	12	GASKET
45612	12	GASKET
45663	12	GASKET
45684	12	GASKET
45701	12	GASKET
54E23092	12	CONVERTER PLATE
54E23093	12	KIT-CONVERTER PLATE
56G21286	40	BAFFLE
60096	12	GASKET
60130	12	GASKET
60444	12	GASKET
60532	12	GASKET
60592	12	GASKET
60820	12	GASKET
60883	12	BUSHING
61173	12	GASKET
61183	12	GASKET
61327	12	GASKET
61531	12	GASKET

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**TABLE 1 CONTINUED
SHELF LIFE FOR LYCOMING PARTS**

PART NUMBER	SHELF LIFE (QUARTERS)	DESCRIPTION
62224	12	GASKET
65099	12	GASKET
65764	12	GASKET
66222	12	GASKET
66224	12	GASKET
66732	12	GASKET
66905	12	GASKET
66907	12	GASKET
66928	12	GASKET
67144	12	GASKET
67193	12	GASKET
67633	12	GASKET
67678	12	GASKET
67708	12	GASKET
67746	12	GASKET
68127	12	GASKET
68129	12	GASKET
68172	12	GASKET
68174	12	GASKET
68192	12	GASKET
68315	12	GASKET
68456	12	GASKET
68556	12	GASKET
69164	12	GASKET
69551	12	GASKET
69555	32	HOSE
69584	40	GASKET
69603	32	HOSE
69827	12	GASKET-GOVERNOR SPACER
70310	40	SEAL
70455	12	GASKET
71032	12	BUSHING
71363	12	GASKET
71450	12	GASKET
71481	40	RING
71824	32	CLIP
71973	12	GASKET
72045	32	HOSE
72053	12	GASKET
72059	12	GASKET
72075	40	SEAL
72091	40	RING
72165	32	BUSHING
72182	40	RING
72210	12	GASKET
72220	12	GASKET
72261	32	CLIP
72278	12	GASKET
72312	40	RING
72343	40	STABILIZER
72344	40	STABILIZER

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**TABLE 1 CONTINUED
SHELF LIFE FOR LYCOMING PARTS**

PART NUMBER	SHELF LIFE (QUARTERS)	DESCRIPTION
72376	40	ELBOW
72377	40	ELBOW
72391	12	GASKET
72437	12	GASKET
72468	12	GASKET
72471	40	GASKET
72709	40	SCREW
72711	40	RING
72720	12	GASKET
72741	12	GASKET
72746	12	GASKET
72787	12	GASKET
72977	12	GASKET
72982	40	RING
72983	40	RING
73032	12	GASKET
73119	40	ELBOW
73189	12	GASKET
73253	16	HOSE
73254	16	HOSE
73288	12	GASKET
73292	12	GASKET
73314	12	GASKET
73612	12	GASKET
73731	32	HOSE
73775	12	GASKET
73781	32	HOSE
73782	12	GASKET
73783	40	HOSE
73896	40	HOSE
73944	40	ELBOW
73946	40	STABILIZER
74065	20	RING
74068	20	RING
74070	40	ELBOW
74200	40	ELBOW
74305	12	SEAL
74369	40	TEE
74382	40	RING
74492	32	HOSE
74493	32	HOSE
74524	40	RING
74537	32	BLOCK
74569	40	RING
74712	40	SEAL
74822	12	GASKET
74906	12	GASKET
74944	12	GASKET
75085	12	GASKET
75151	40	STABILIZER
75152	40	STABILIZER

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**TABLE 1 CONTINUED
SHELF LIFE FOR LYCOMING PARTS**

PART NUMBER	SHELF LIFE (QUARTERS)	DESCRIPTION
75164	40	STABILIZER
75233	40	“O” RING SEAL
75324	40	HOSE
75330	40	HOSE
75371	12	GASKET
75585	12	GASKET
75668	8	GASKET
75689	40	HOSE
75740	40	BAFFLE
75881	12	GASKET
75890	12	GASKET
75906	12	GASKET
75948	40	TEE
75957	40	SEAL
75968	20	SEAL
75993	12	GASKET
76015	40	RING
76016	40	RING
76020	12	GASKET
76021	12	GASKET
76036	12	GASKET
76064	32	HOSE
76292	40	VALVE & DIAPHRAGM ASSY
76304	40	ELBOW
76305	12	GASKET
76320	12	GASKET
76355	40	TEE
76399	40	VALVE ASSY
76423	40	BAFFLE
76508	12	GASKET
76546	12	GASKET
76625	12	GASKET
76740	12	GASKET
76772	32	HOSE
76819	12	GASKET
76856	12	GASKET
76940	12	SEAL
77055	12	GASKET
77056	12	GASKET
77067	20	DAMPER
77068	32	DAMPER
77069	32	DAMPER
77154	12	GASKET
77155	40	FITTING
77439	12	GASKET
77461	40	TEE
77504	12	GASKET
77546	32	HOSE
77569	40	RING
77668	12	GASKET
77695	12	GASKET

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SHELF LIFE FOR LYCOMING PARTS**

PART NUMBER	SHELF LIFE (QUARTERS)	DESCRIPTION
77703	20	DAMPER
77707	12	GASKET
77711	20	DAMPER ASSY
77712	20	DAMPER ASSY
77722	40	GASKET
77723	12	GASKET
77813	12	GASKET
78078	32	HOSE
78165	32	SUPPORT
78191	40	ELBOW
78443	12	SEAL
78443-P50	12	SEAL
78629	40	BALL BEARING
78692	40	BAFFLE
78703	32	DAMPER
78844	40	HOSE
78903	12	GASKET
8313	12	GASKET
AN6270-3D-0100	32	HOSE ASSY
AN6270-3D-235	32	HOSE ASSY
AN6270-3D-260	32	HOSE ASSY
LW-10122	12	GASKET
LW-10264	12	GASKET
LW-10455	12	GASKET
LW-10727	40	SEAL
LW-11175	12	GASKET
LW-11201	32	WASHER
LW-11373	40	HOSE
LW-11515	32	HOSE
LW-11632	40	RING
LW-11738	40	SEAL
LW-11997	12	SEAL
LW-11997-P50	12	SEAL
LW-11999	40	REDUCER
LW-12008	12	GASKET
LW-12081	40	SEAL
LW-12088	40	ELBOW
LW-12094	40	HOSE
LW-12095	40	HOSE
LW-12154	40	HOSE
LW-12158	40	BAFFLE
LW-12346	40	REDUCER
LW-12434	40	HOSE
LW-12483	40	NIPPLE
LW-12515	12	GASKET
LW-12517	12	GASKET
LW-12620	40	RING SEAL
LW-12681	12	GASKET
LW-12700	32	HOSE
LW-12776	12	GASKET
LW-12777	12	GASKET

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SHELF LIFE FOR LYCOMING PARTS**

PART NUMBER	SHELF LIFE (QUARTERS)	DESCRIPTION
LW-13201	40	SEAL
LW-13235	40	TEE
LW-13353	12	GASKET
LW-13377	12	KIT-SEAL & GASKET SET
LW-13467	12	GASKET
LW-13473	12	GASKET
LW-13476	12	GASKET
LW-13752	40	PLUG-SUMP
LW-13792	12	SEAL
LW-13792-P50	12	SEAL
LW-13967	40	BAFFLE
LW-14060	32	CLAMP
LW-14128	12	GASKET
LW-14192	12	GASKET
LW-14199	12	GASKET
LW-14246	40	HOSE
LW-14260	40	SEAL
LW-14394	20	HOSE
LW-14467	40	HOSE
LW-14714	40	CONNECTOR
LW-14833	40	BAFFLE
LW-15046	12	GASKET
LW-15070	40	“O” RING
LW-15071	12	GASKET
LW-15097	40	“O” RING
LW-15109	40	“O” RING
LW-15280	40	SEAL
LW-15358	32	HOSE
LW-15379	40	BREATHER-BAFFLE
LW-15490	40	HOSE
LW-15569	40	HOSE
LW-15628	12	SEAL
LW-15628-P50	12	SEAL
LW-15695	40	BAFFLE
LW-15859	40	HOSE
LW-16019	40	CONNECTOR
LW-16217	40	HOSE
LW-16244	40	GROMMET
LW-16362	40	BAFFLE
LW-16363	40	BAFFLE
LW-16561	40	NIPPLE
LW-16562	40	NIPPLE
LW-16573	12	GASKET
LW-16698	12	BOOT
LW-16702	Expiration Date*	OIL ADDITIVE
LW-16835	40	ELBOW
LW-16945	12	SEAL
LW-18038	12	GASKET
LW-18101	40	HOSE
LW-18106	40	BAFFLE

* Month/Year from label on bottle

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SHELF LIFE FOR LYCOMING PARTS**

PART NUMBER	SHELF LIFE (QUARTERS)	DESCRIPTION
LW-18107	40	BAFFLE
LW-18129	24	BELT
LW-18329	12	GASKET
LW-18481	12	GASKET
LW-18661	40	SEAL
LW-18675	32	HOSE
LW-18675-1	32	HOSE-NOZZLE VENT
LW-18675-2	32	HOSE-NOZZLE VENT
LW-18675-3	32	HOSE-NOZZLE VENT
LW-18675-4	32	HOSE-NOZZLE VENT
LW-18724	32	HOSE
LW-18737	32	HOSE
LW-18832	40	BAFFLE
LW-18869	12	GASKET
LW-18956	40	GASKET
LW-19026	12	ADAPTER
LW-19108	40	HOSE
LW-19119	40	HOSE
LW-19128	40	BAFFLE
LW-R-0.750-275	40	“O” RING
LW-RF2.239-.070	40	RING
STD-547	12	SEAL
STD-548	12	SEAL
STD-717	20	RING
STD-841	32	HOSE
STD-911	12	SEAL
STD-953	12	GROMMET
STD-957	12	GROMMET
STD-994	40	RING
STD-1002	40	RING
STD-1006	40	RING
STD-1196	32	HOSE
STD-1301	40	RING
STD-1305	40	RING
STD-1549	40	RING
STD-1576	32	HOSE
STD-1654	40	RING
STD-1663	32	HOSE
STD-1702	12	SEAL
STD-1708	12	SEAL
STD-1733	40	RING
STD-1753	40	RING
STD-1792	32	HOSE
STD-1797	32	HOSE
STD-1821	32	HOSE
STD-1923	40	RING
STD-1940	12	WASHER
STD-2007	12	WASHER
STD-2013	40	RING
STD-2180	32	HOSE
STD-2182	32	HOSE

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**TABLE 2
PRE-PACKAGED PARTS**

PART NUMBER	DESCRIPTION
50004-111	"O" RING
50004-18	"O" RING
50004-27	"O" RING
951391	"O" RING
951392	PACKING
951393	PACKING
951394	PACKING
951400	PACKING
951401	PACKING
951402	PACKING
951787	PACKING
951789	PACKING
951790	PACKING

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