

AMSAFE AVIATION INFLATABLE RESTRAINTS

SERVICE LETTER 25-031

August 1, 2008

Revised January 8, 2009

SERVICE LETTER 25-031

Subject:

Change in life limit for inflators used in AAIR (AmSafe Aviation Inflatable Restraint) systems used on part 23 and 25 aircraft.

Applicability:

All part 23 and 25 aircraft using the AAIR system using a TRW or Autoliv inflator.

Background:

The FAA recently approved a change in the inflator life limits from 7 to 10 years. Previously the inflators were approved for a maximum life (service/storage) of 14 years with a 7 year refurbishment required by AmSafe Aviation. The approved change allows a maximum combined service/storage life of 10 years (from date of manufacture) with no required refurbishment. The Instructions for Continued Airworthiness are currently being revised to reflect this change.

Required Operator Action:

Authorized personnel using the AAIR system should update their records/maintenance program to reflect the above noted changes. Prior to the approved change, each inflator had an AmSafe Aviation "Inflator Sub-Assembly" label which included the AmSafe part number, lot number, and expiration date. The 10 year life limit of an inflator with an expiration date, as shown in Figure 1, can be determined by adding three (3) years to the expiration date. If the inflator has an AmSafe label stating the "date of mfg" (see Figure 2), the service life of the inflator is 10 years after the "date of mfg".

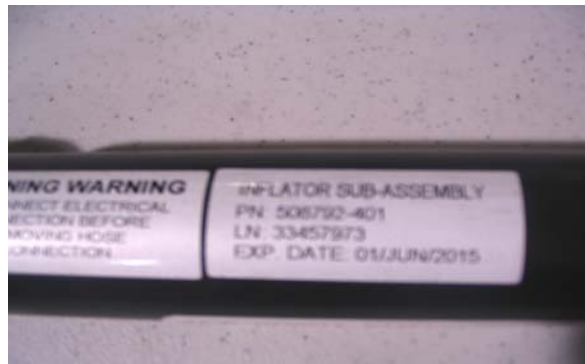


Figure 1. Sample Label showing expiration date

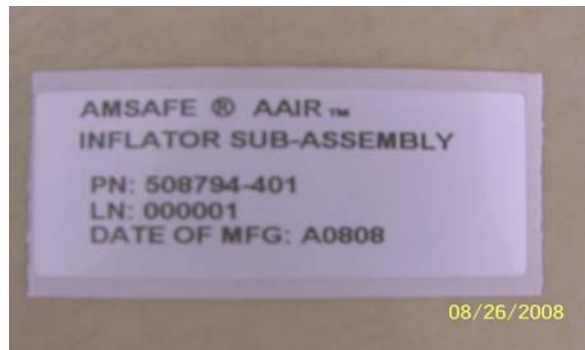


Figure 2. Sample Label showing revised inflator life limits

ENGINEERING ORDER

DRAWING NUMBER		DRAWING TITLE				CHANGE ORIGATION:				ORIGINATED BY: F. Armenta			
SL 25-031		Service Letter 25-031 Inflator Life Limit Change				CRI-7001				ORINATION DATE: 1/9/09			
PRODUCT USED ON All Part 23 and Part 25 Aircraft using TRW or Autoliv Inflators						EFFECTIVITY				APPROVALS			
						REV LETTER		N/A					
						RELEASE DATE		1/9/09					
DISPOSITION:		U = USE AS IS R = REWORK N = NO EFFECT S = SCRAP		QTY ON HAND	DISP	QTY ON ORDER	DISP	QTY IN WIP	DISP	DRAWING CHANGE TYPE			
N/A										NEW RELEASE:		ENGINEERING Ken Kumban 1/9/09	
										ADD PART(S):		QUALITY Doris J. Tolson 1-9-09	
										SUB. PART(S):		MANUFACTURING Jimm Swalker 1-9-09	
										DIM CHANGE:		MARKETING/CUST 1/9/09	
										NOTE CHANGE:		PLANNING 1/9/09	
										PICTORIAL		CERTIFICATION 1/9/09	
										OTHER			
										CLASS	MAJOR	MINOR	
NEXT ASSY										X			
N/A										TOOL AFFECTED	YES	NO	
PROD. LINE CODE				ITEM TYPE CODE				COLOR CODE					
AFFECTED DOCUMENTS		YES	NO	REASON(S) FOR CHANGE									
MFG/TEST/INSP			X	Part 23 was left off original SL									
ICA/SICA			X										
PMA			X										
REGULATORY			X										
AFFECTED DOC. NOS.													
DESCRIPTION OF CHANGE (S):				Notes: Effective 09/01/2006, nomenclature reference to Mesa, Arizona in title block of all drawings shall be changed to Phoenix, Arizona. Effective 05/01/07, nomenclature reference to AM-SAFE in the proprietary block of all drawings shall be changed to AMSAFE.									
Added Part 23 Aircraft to Service Letter.													
FORM I-221 REV 06/07												SHEET 1 OF 1	