



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Small Airplane Directorate  
Wichita Aircraft Certification Office  
1801 Airport Road, Room 100  
Wichita, Kansas 67209

July 18, 2001

Mr. Tomas Straka  
Renaissance Aircraft LLC  
Airport Road, Cape Girardeau Airport  
P.O. Box 596  
Cape Girardeau, MO 63702

Subject: FAA STC SA01092WI- Luscombe Lap Belt-Shoulder Harness Restraint System  
Installation using inertial reel  
Reference: FAA Project ST3129WI-T

Dear Mr. Straka:

I am pleased to report the FAA has issued Supplemental Type Certificate ST01092WI for the installation of lap belt-shoulder harness restraint system using inertial reel on Luscombe aircraft models 8, 8A, 8B, 8C, 8D, 8E, and 8F. Please find enclosed with this letter the original STC certificate and a copy of your STC Drawing List R588207, Revision A, that has been stamped "FAA Approved".

Congratulations on the receipt of your Supplemental Type Certificate. Please contact the Kansas City Manufacturing Inspection District Office at 816-329-4189 (FAX 816-329-4195) to obtain Parts Manufacturer Approval (PMA) for the components associated with this STC. You may contact me at 316-946-4138 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Joel M. Ligon".

Joel M. Ligon  
FAA Program Manager  
Wichita Aircraft Certification Office

Enclosure

THE FAA WICHITA AIRCRAFT CERTIFICATION  
OFFICE, ACE-115W, ACKNOWLEDGES RECEIPT AND  
 ACCEPTS THE APPROVAL  
 CONCURS WITH THE RECOMMENDATION  
 FOR COMMENTS SEE FAA LETTER

DATED \_\_\_\_\_  
THIS DATA HAS BEEN ADDED TO OUR FILE

Ray D. Paul 118W 5/16/02  
ENGINEER BRANCH DATE

April 29, 2002

Mr. Joel M. Ligon  
Program Manager ACE-117W  
Department of Transportation  
Federal Aviation Administration  
1801 Airport Road, Room 100  
Wichita, KS 67209

**SUBJECT: FAA Project ST3129WI-A**

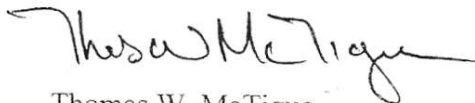
Dear Mr. Ligon:

Enclosed is the final data package for the installation of shoulder harness restraint system onboard Luscombe Silvaire 8-series Aircraft that do not have Hat-Shelf installations.

This data package is intended to replace the one previously submitted. Therefore, original FAA Forms 8110-3 are re-generated and the originals of which are enclosed.

If you have any questions, or need to contact me with any additional information regarding this project, please feel free to call at (314) 605-1685, or e-mail at [twmctigue@yahoo.com](mailto:twmctigue@yahoo.com).

Sincerely



Thomas W. McTigue  
Senior Structural Engineer  
Consultant DER

Enclosures:

REV.	DESCRIPTION OF CHANGE	DRAWN
A1	DRAWING R188110 ADDED	T. STRAKA
A2	ADD DRAWING REVISION STATUS	

DRAWING	REV	TITLE
R588200	I/R	SAFETY HARNESS INSTALLATION
R588201	A	SAFETY HARNESS ASSEMBLY
R388202	I/R	REEL BRACKET
R288203	I/R	FITTING BRACKET
R188204	I/R	BUSHING
R188205	I/R	BUSHING
R188206	I/R	ANGLE
R188110	I/R	SAFETY BELT ATTACHMENT <sup>(A1)</sup>

F.A.A.  
 APPROVED  
 Wichita Aircraft Certification  
 Office, ACE-115W  
 Central Region *Jd*  
 Date *5/16/02*

R188207	TOP DRAWING	MATERIAL	SPEC.	CALC.	ACT
PART NO.	PART NAME	STOCK SIZE	MACHINE FINISH	LIMITS ON DIM. UNLESS OTHERWISE SPECIFIED	
	PRIME		① F BUFF	± .030	
	HEAT TREAT		② F HAND FILED	± .010	
	DRAWN		③ F SMOOTH MACH.	± .2*	
	CHECK	T. STRAKA	④ F ROUGH MACH.	ALL DIMENSIONS AFTER PLATING	
	STRESS		⑤ F ROUGH FILE OR GRIND	RENAISSANCE AIRCRAFT LLC.	
	WEIGHT			STC DRAWING LIST	
	PROJ. ENG.			CPN: ST3129WI-A	
	APP.			R188207	
R8F	ASSEM. PLANE.			A	
MOD.	NEXT ASSEM.	ASSEM. PLANE.	SHOWN	OPPOSITE	SCALE
					F111