

## LONG-EZ MANDATORY GROUND PLANS CHANGES

### CHAPTER 9. MAIN GEAR/LANDING BRAKE

CP30-8  
LPC #75

Ensure a minimum of 1/16" clearance between gear strut and brake caliper.

CP48-5  
LPC #127

A mandatory inspection of your nylon brake lines is required before next flight. If these brake lines have been directly exposed to radiating heat from the brake discs, or to sunlight (UV) they must be replaced.

### CHAPTER 11. ELEVATORS

CP57-8  
MAN GRD

Inspect or certify that elevators meet specifications in regard to weight, stiffness and shape.

CP66-9  
MAN INSPECTION

Inspect elevator torque tubes for corrosion.

### CHAPTER 13. NOSE AND NOSE GEAR

CP30-9  
LPC #86, MAN/10HRS

Reinforcement of top tab welded to the rudder pedal.

### CHAPTER 14. CENTERSECTION SPAR

CP28-9  
LPC #56, MAN GRD  
Long-EZ spar cap thickness

### CHAPTER 16. Control System

CP49-6  
LPC #131 MAN-GRD  
Substitution of 4130 steel or stainless for aluminum roll and yaw control components in cowling area. Use Ocean Intumescent fireproof coating.

### CHAPTER 19. WINGS, AILERONS/WING ATTACH

CP28-9  
LPC #56, MAN GRD  
Long-EZ spar cap thickness

CP30-9  
LPC #81  
Rodend attachment to CS 132L belhorn.

CP47-7

LPC #126, MAN  
Vortilons on each main wing are mandatory.

CP58-10  
MAN-GRD  
Replace aileron belhorns within next 25 hours.  
Rebalance vibrating ailerons.

### CHAPTER 21. STRAKES - FUEL/BAGGAGE

CP24-6  
LCP #4, DES, Chap 7 & 21  
See Safe-T-Poxy recommendation below for fuel areas.  
The interior fuel tank layup and fuselage side layup should be done using only Safe-T-Poxy.

CP65-7  
MAN/GND  
Mandatory inspection of polyurethane fuel and vent lines.  
Mandatory inspection of throttle/mixture springs.

### LONG-EZ SECTION VI. LANDING BRAKE PLANS

CP29-7  
LCP #65, MAN GRD  
Modification of LB9 to allow it to collapse in a crash without piercing the seat bulkhead.

CP68-6  
MAN GRD  
Modify the LB-9 bracket and install a plywood doubler on forward face of front seat bulkhead.

### SECTION III. LYCOMING O-235 ENGINE INSTALLATION

CP24-6  
LCP #1, MAN GRD  
Safelying Bendix fuel pump bottom cap.

CP31-5  
LCP #94, MAN GRD, 25 HOUR  
Replacement of aluminum fittings with steel.

CP49-6  
LCP #131, MAN GRD  
Inspection of all fuel system plumbing and components for approved fireproof components. Use fireproof sleeves on all hose components.

CP51-7  
LCP #132, MAN-GRD  
Inspection of engine mixture control system.

CP62-7  
MAN GRD  
Inspect exhaust system every time cowl is removed or every 50 hours.

CP65-7

#### MAN/GRD

Mandatory inspection of polyurethane fuel and vent lines.

Mandatory inspection within next 10 hours of throttle/mixture springs.

#### OPTIONAL SPECIAL PERFORMANCE CANARD PLANS

##### CP57-8

##### MAN GRD

Inspect or certify that elevators meet specifications in regard to weight, stiffness and shape.

##### CP66-9

##### MAN INSPECTION

Inspect elevator torque tubes for corrosion.

#### LONG-EZ OWNER'S MANUAL

##### CP26-6

##### LPC #41, MAN GRD

Added pressure range for 6 ply tires.

##### CP36-6

##### LPC #115, MAN-GRD

Long-EZ may spin when at or aft of aft CG limit.

##### CP37-4

##### LPC #116, MAN GRD

Aft CG limit moved from 104 to 103.

(This plans change was made mandatory in CP 39.)

##### CP49-6

##### LPC #130, MAN GRD

Clear idling engine every 15 seconds or so on approach. Always fly final with speed brake extended.

##### CP57-7

##### MAN GRD

Placard aircraft with notice that amateur built aircraft are more likely to have an accident.

##### CP63-10

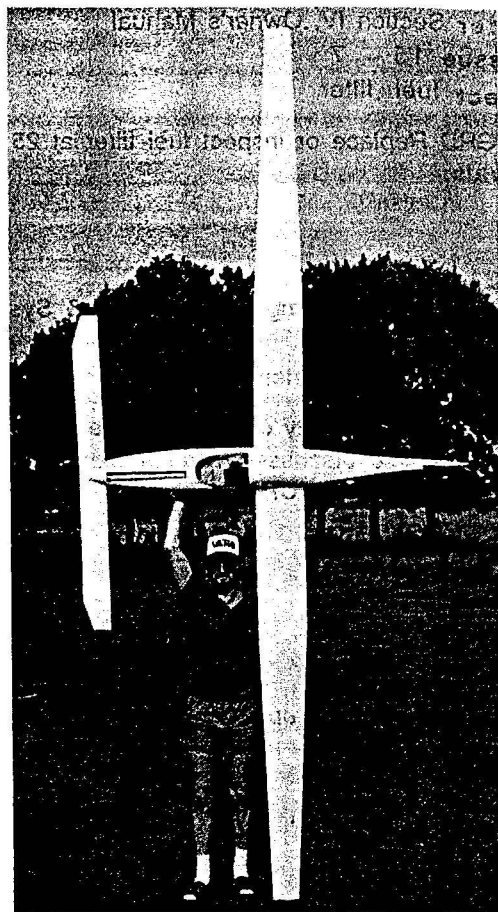
##### MAN GRD

Always fuel aircraft in level attitude when needing full fuel tanks.

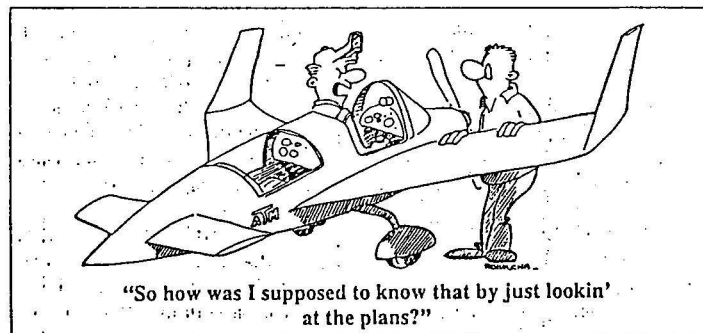
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RUTAN AIRCRAFT WOULD LIKE TO THANK STET  
ELLIOTT AND BILL GREER FOR THEIR HELP IN  
PUTTING TOGETHER THIS NEWSLETTER. THEIR  
DIGESTS ARE INVALUABLE.  
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The following pages contain :

VARIETZ MANDATORY GROUND PLANS CHANGES



How's this for a model?!!  
4.24 meter wingspan!!



"So how was I supposed to know that by just lookin'  
at the plans?"