



U.S. Department  
of Transportation  
Federal Aviation  
Administration

## MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved  
OMB No. 2120-0020

For FAA Use Only

Office Identification

**INSTRUCTIONS:** Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

<b>1. Aircraft</b>	Make Cessna	Model 182T
	Serial No. 1828191	Nationality and Registration Mark N910MF
<b>2. Owner</b>	Name (As shown on registration certificate) RIZZO HOLDINGS LLC	Address (As shown on registration certificate) 290 CALAMUS CIR MEDINA MN 55340-9227

### 3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

### 6. Conformity Statement

<b>A. Agency's Name and Address</b>	<b>B. Kind of Agency</b>	<b>C. Certificate No.</b>
Charles Cottrell 2734 Arnold CT Salina KS 67401	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	3170825
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date <i>25 Jan 2008</i>	Signature of Authorized Individual <i>Charles Cottrell</i>
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### 7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is  APPROVED  REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection <i>25 JAN 2008</i>		Certificate or Designation No. 510805586		Signature of Authorized Individual <i>[Signature]</i>	

**NOTICE**

*Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.*

**8. Description of Work Accomplished**

*(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Installed TKS Ice Protection Kit Per STC# SA01338WI and in conformance with the Manufactures Installation Manual P/N: 12553-01 Rev. 6, dated 26 JAN 2007.

The preceding work was accomplished using the following: Cessna Maintenance Manuals, AC43.13 1B and/or AS&T Inc. Installation and Procedures Manuals.

Updated the POH/AFM and revised the Weight and Balance.

THIS AIRCRAFT **IS NOT** APPROVED FOR FLIGHT INTO KNOWN ICING CONDITIONS AT ANY TIME.

\*\*\*\*\* NOTHING FOLLOWS \*\*\*\*\*

Additional Sheets Are Attached

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA01338WI

*This certificate issued to:*

Acrospace Systems & Technologies, Inc.  
3213 Arnold Avenue  
Salina, Kansas 67401

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product - Type Certificate Number:* 3A13

*Make:* Cessna

*Model:* 182P, 182Q, 182R, 182S, 182T, R182, T182, T182T, TR182

*Description of Type Design Change:*

Installation of TKS Ice Protection System components, with placard stating, "Intentional Flight into known icing is prohibited." Data Required: (1) AS&T Master Drawing List No. 12500-DL, Revision 5, dated May 27, 2005, or later "FAA Approved" revision; and (2) Supplemental Airplane Flight Manual and FAA Approved Airplane Flight Manual Supplement (AFMS), Document 12500-FMS, dated July 21, 2005, or later "FAA Approved" revisions to (1) or (2).

*Limitations and Conditions:*

- (1) This installation is not approved for flight into known icing conditions.
- (2) Compatibility of this design change with previously approved modifications must be determined by the installer.
- (3) The FAA has performed no testing nor analysis to prove efficacy of this ice protection system.
- (4) If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* April 22, 2003

*Date reissued:*

*Date of issuance:* July 21, 2005

*Date amended:*



*By direction of the Administrator*

*Harvey E. Nero*  
(Signature)

Harvey E. Nero  
FAA Program Manager  
Wichita Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.