



## 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 1958)

<b>1. Aircraft</b>	Make <b>ROCKWELL INTERNATIONAL</b>	Model <b>112TC</b>
	Serial No. <b>13042</b>	Nationality and Registration Mark <b>N4533W</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>TIPPENS ROBERT M TIPPENS JUDITH A</b>	Address (As shown on registration certificate) <b>173 N BAY DR BULLARD TX 75757-9395</b>

### 3. For FAA Use Only

### 4. Unit Identification

### 5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
<b>AIRFRAME</b>	~~~~~ (As described in item 1 above) ~~~~~				<b>X</b>
<b>POWERPLANT</b>					
<b>PROPELLER</b>					
<b>APPLIANCE</b>	Type				
	Manufacturer				

### 6. Conformity Statement

<b>A. Agency's Name and Address</b>	<b>B. Kind of Agency</b>	<b>C. Certificate No.</b>
<b>RICHARD BLUNDELL 1320 CR 1143 TYLER TX 75704</b>	<input checked="" type="checkbox"/> U.S. Certified Mechanic	<b>A&amp;P 460982668</b>
	<input type="checkbox"/> Foreign Certified 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 <b>01/29/2001</b>	Signature of Authorized Individual 
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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 <b>01/29/2001</b>	Certificate or Designation No. <b>A&amp;P 2165443 IA</b>	Signature of Authorized Individual 
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**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.)*

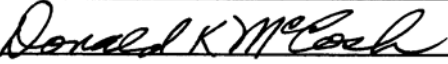
MODIFIED LH AND RH WING WALK SUPPORTS PN: 175015-501 & 175015-502 BY REMOVING MATERIAL FROM THE LOWER FLANGE IN ACCORDANCE WITH REPORT NO. SR01-009 TITLED: MODEL 112TC WING WALK SUPPORT MODIFICATION; DATED 1/17/2001. THE MODIFICATION IS SHOWN ON PAGE 4 OF THE ABOVE MENTIONED REPORT. THIS REPORT HAS BEEN PREPARED AND APPROVED BY McCOSH ENGINEERING CONSULTANTS.

INSTALLED VORTEX GENERATORS ON THE WINGS, HORIZONTAL TAIL SURFACES AND VERTICAL FIN IN ACCORDANCE WITH MICRO AERODYNAMICS DRAWING PACKAGE MA2128 REVISION IR, DATED DECEMBER 7, 2000, OR LATER APPROVED REVISIONS, PER STC# SA00865SE. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS: INSTALLATION OF MINIMUM EQUIPMENT PLACARD, "IF MORE THAN 5 VGs ARE DAMAGED OR MISSING, THE AIRCRAFT IS NOT AIRWORTHY," IN AN EASILY SEEN LOCATION IN THE COCKPIT.

NEGLIBLE WEIGHT AND BALANCE CHANGE.

\*\*\*\*\* End Report \*\*\*\*\*

Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS			DATE 17 January, 2001	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
MAKE	MODEL NO.	TYPE (Airplane, Radio, Helicopter, etc.)	NAME OF APPLICANT	
Commander	112TC	Airplane	Robert M. Tippens	
LIST OF DATA				
IDENTIFICATION	TITLE			
<u>Report No.</u>	<u>Report Title</u>	<u>Rev. No.</u>	<u>Part No.</u>	<u>Serial No.</u>
SR01-009	Model 112TC Wing Walk Support Modification	I/R	175015-501/-502	13042 Only
<p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>1) This approval is for the structural aspects only.</li> <li>2) The inspection of the installation is not being approved.</li> <li>3) The data approved herein is for the purpose of modifying the Wing Walk Support to provide clearance for the Main Landing Gear Brake.</li> </ol>				
PURPOSE OF DATA To structurally approve the repair per the above report.				
APPLICABLE REQUIREMENTS (List specific sections) FAR23.301, FAR23.303, FAR23.305, FAR23.307(a)				
<p><b>CERTIFICATION</b> - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.</p> <p>I <input type="checkbox"/> Therefore <input type="checkbox"/> Recommend approval of these data  <input checked="" type="checkbox"/> Therefore <input checked="" type="checkbox"/> Approve these data</p>				
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)	DESIGNATION NUMBERS(S)	CLASSIFICATION(S)		
		STRUCTURAL-FAR 23, 25; 8110.37C, CHART A		
Donald K. McCosh	DERT-710176-SW	AREAS A1, P1, A2, P2, A3, P3, A4, P4, H8, A9, P9, I10, J10, P10		

Prepared By: DON McCOSH McCOSH Page: 1 OF 4  
Checked By: \_\_\_\_\_ ENGINEERING CONSULTANTS Report No: SR01-009  
Date: JANUARY 2001 TITLE: MODEL112TC W WALK SUPT Model: Model 112TC

file: 01009

TITLE

MODEL 112TC  
WING WALK SUPPORT  
MODIFICATION  
REPORT NO. SR01-009

MODEL: COMMANDER 112TC  
P/N: 175015  
SERIAL NO: 13042 Only

McCOSH  
ENGINEERING CONSULTANTS  
11504 N STATE  
OKLAHOMA CITY, OK 73162-3719  
PHONE/FAX (405) 722-0890

DISTRIBUTION:

- 1) MR. ROBERT M. TIPPENS  
173 N. BAY DRIVE  
BULLARD, TEXAS 75757
- 2) COMMANDER AIRCRAFT COMPANY  
7200 N.W. 63rd STREET  
BETHANY, OKLAHOMA 73008

PREPARED BY:

*Donald K. McCosh*  
DONALD K. McCOSH 1/17/01  
CONSULTANT AIRCRAFT  
ENGINEER

D I S C U S S I O N :

The purpose of this report is to provide a Structural Modification for the wing walk support of a Commander Model 112TC, S/N 13042.

The main landing gear has been reported to have an interference with the Wing Walk Support, P/N 175015-501/-502. The interference is with the wheel brake.

The modification of the wing walk support as defined in this report will provide clearance the same as for the Model 112B, 112TCA, 114A/B/TC P/N 175015-503/-504 Wing Walk Support.

C O N C L U S I O N S :

The installation of the modification as defined in this report will maintain the identified Commander Model 112TC to the applicable FAA Regulations.



Prepared By: DON McCOSH

McCOSH

Page: 4 OF 4

Checked By: \_\_\_\_\_

ENGINEERING CONSULTANTS

Report No: SR01-009

Date: JANUARY 2001

TITLE: MODEL112TC W WALK SUPT

Model: Model 112TC

