N53RD 1981 Cessna Citation I

Side Camera Hatch

MSN: 500-0415



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

U.S Department of
Transportation
Federal Aviation
A designation to the second second

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

Form Approved OMB No. 2120-0020

For FAA Use Only

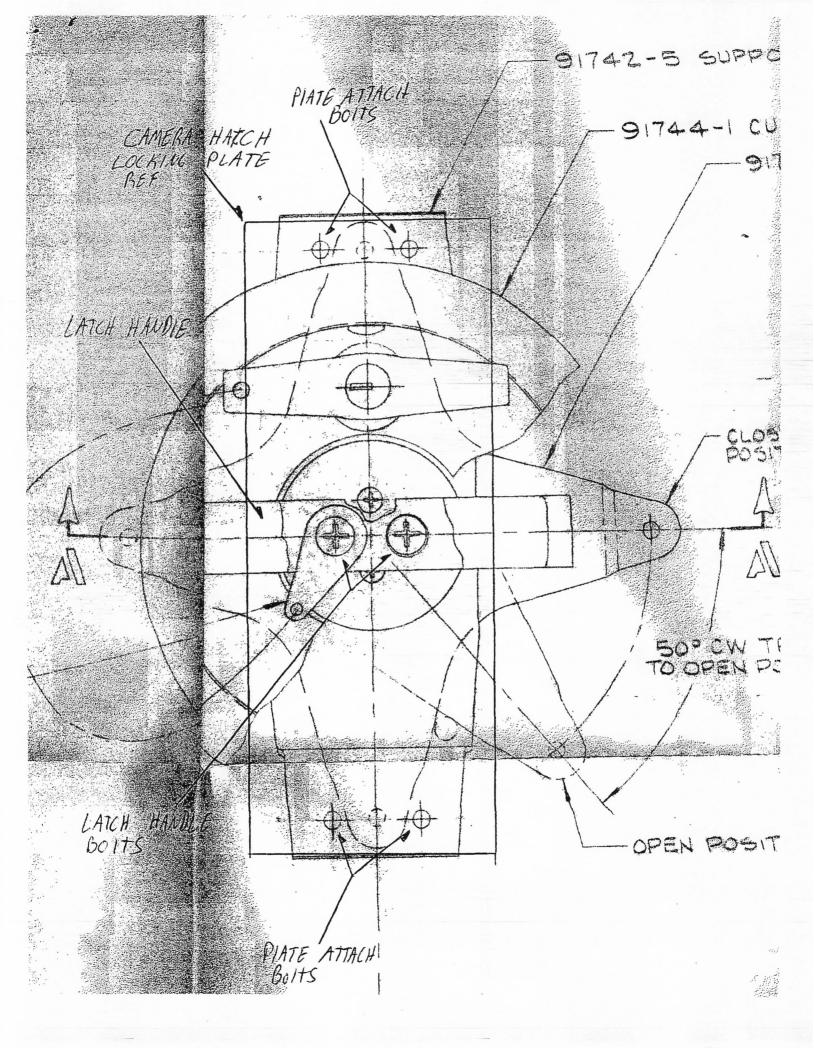
Federal Adminis	Aviation		~!!!!!	iailie, i u	weipi	anı,	, 110	pener,	OI AL	риансе)		Gffic Gil	e demification	
and	l disposit	ONS: Print or type ion of this form. The hydration (Section	is repo	ort is required t	by law (49	U.S.C	Appendi C. 1421)	x B, and A . Failure to	C 43.9-1 o report ca	(or subsequent re an result in a civil	evisio pena	n thereof) for instr lity not to exceed	ructions \$1,000	
		Make							Model					
1. Aircraft		Cessna Cita	tion	-					500					
		Serial No. 415							National N50KF	ity and Registration	on M	ark		
2. Own		Name (As show				_				(As shown on re Bigelow St.	gistra	ntion certificate)		
Z. OWII	ler	Africano Aircraft Management LLC. The data identified herein com-						***	1	IL 61614-73	20			
		<u>Trio da</u> applicab		denuicd airworthines		_		FAA Use (<u></u>					
		approved			above		cribed							
	_			conformity	inspec								•	
	·	authorize	ed in	FAR 43.7.	Roe	م جز	76				-			
		Date		2003			pector.	, DPA-FS						
<u> </u>				-			4. Unit	Identificat	lion				5. Type	
-Ur	nit	М	ake				Mode	ei	_	Se	erial N	No.	Repair	Alteration
AIRFRA	ME	(As described in item 1 above)						~~~~~~	~~~	~~~		х		
POWER	PLANT													
PROPE	LLER													
		Туре												
APPLIA	NCE	Manufacturer										i		
						6	. Confo	ormity Sta	tement			*****		1
A. Ager	ncy's Nar	ne and Address					Cind of A				С	. Certificate No.		
	ffer C V							ertificated	Mechanic	,		4334708720 <i>F</i>	\D	
	. Lavto					무		n Certifica			⊣"	13347 UGT ZUF	1	
Milwai	ukee V	/I 53207				胎	_	cated Reparaturer	air Station		-			
		at the repair and/or				dentific	ed in ite	m 4 above						
		n made in accordang rue and correct to the				irt 43 (of the U.	.S. Federa	ا Aviation سعد	Regulations and	that t	he information fur	nished	
Date					T		Signat	ure of Aut	10rized Ja	liyidyal				
09-25-	-03													
				<u> </u>		7 6	nroval :	for Return	to Sond	~~				
		e authority given pe of the Federal Aviat		-	w, the unit	t ident	-	tem <u>4 w</u> as		I in the manner p	rescri	bed by the		
	FA	A Fit Standards		Manufacture		X	T	tion Autho			Othe	er (Specify)		
BY	-	A Designee		Repair Statio	n			n Approved la Airworth						
_	Approval	or Rejection	Desi	ificate or ignation No.	1.		Signat	ture of Aut	forized Inc	dividual				

FAA Form 337 (12-88)

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.

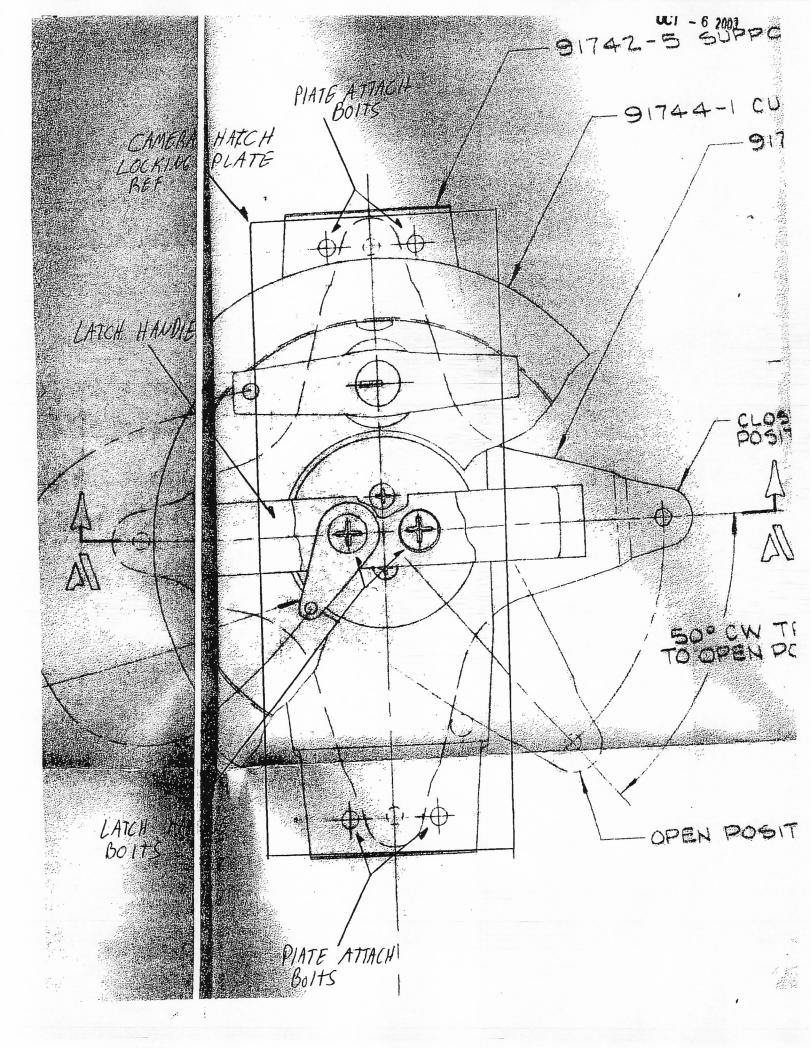
8. Description of Work Accomplished
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
Instructions For Continued Airworthiness
Introduction: Side looking camera hatch Alteration.
2. Description: Altered and Disabled STC SA79RM Side looking camera hatch by removing the following items: Hatch guide rails, cameraman seat install, cameraman shoulder harness, cameraman seat tracks. Fabricated and installed a locking plate for the hatch locking mechanism out of alodined and primed .063 2024T3 Alclad.
3. Centrol: Origional
4. Servicing Information: No servicing required.
5. Maintenance Instructions: Remove and inspect Hatch every Phase 5 inspection (1200hrs or 3 Years whichever occurs first) in the same manner as the inspection of the emergency exit hatch as outlined in item code numbers A522001- A521003, and A531009 or their equivelants.
6. Troubleshooting Information: N/A
7. Removal and replacement information: Remove hatch by removing the 6 bolts securing the locking plate, remove locking plate. Install hatch locking mechanism handle with 2 bolts, turn handle and remove hatch. Install by reversing removal instructions.
8. Diagrams: Attached sheets.
9. Special inspection requirements: N/A
10. Application of protective treatments: N/A
11. Data: Reference STC SA79RM drawings and attached diagram of locking plate and latch handle install.
12. List of special tools: N/A
13. For commuter category aircraft: N/A
14. Recommended overhaul periods: N/A
15. Airworthiness limitation section: For flight during which the camera door is to remain closed, the airplane is operated in the Transport Category and the basic Airplane Flight Manual applies. The camera hatch must remain closed.
16. Revision: For any revision to these instructions, a letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised Instructions for Continued Airworthiness. The FAA inspector accepts the change by signing block 3 and including the following statement.
"The attached revised / new Instructions for Continued Airworthiness Date: for the above aircraft or component major alteration have been accepted by the FAA, Superceding the Instructions for Continued Airworthiness Dated 09-25-03" Once the revision has been accepted, a maintenance recordentry will be made, identifying the revision, its location, date of the form 337. 17. Placards: A placard indicating the hatch is disabled has been installed reading "STC SA79RM Side looking Camera hatch disabled, reference FAA form 337 dated 09-25-03"
END
\cdot .
·
·
Additional Sheets Are Attached



U.S Department of		Form Approved OMB No. 2120-														
		MAJOR REPAIR AND ALIERATION For FAALISE ON							nly							
Transportation Federal Aviation			(Ai	(Airframe, Powerplant, Propeller, or Appliance) Office Identification							lon					
					oo Soo EAR	43.9 FAR	43 A	or	endix B. and A	C 43.9-1 (or subsequent rev	ision the	reof) for ins	tructions		
and o	dispositi	ONS: Print or on of this form on violation (Se	This	rennn	is required by derail Aviation	7 (247 (73)	U.W.U.	. 1	421). Failure t	report ca	n result in a civil p	enalty n	ot to exceed	1 \$1,000		
		Make	'itati	nn -						Model 500						
1. Aircraft Cessna Serial No.			itation						Nationality and Registration Mark N50KR						•	
		Vame (As	nwor	on reg	istration certi	ficate)				Address	(As shown on reg	istration	certificate)			
2. Own	er	Africano	Aircraft Management LLC.							igelow St. IL 61614-732	0					
		line	<u>data</u>	id					1.53 - 18.4							
			able		irworthines				For FAA:Use							
		<u> ទីពីឯរ</u>	Aeq	fo		above inspec	desc									
-		ildiss date	I Ji	o (in F	conformity AR 43.7.	Hisher	רוטויו רוטויי	ا.	oy u p ^a ar	· -	·					
		Seni			2003	R &			mera							
·		一丁	Date	1	_	FAA	insp	pe	ctor, DPA-FS							
-							4	4.	Unit Identifica	tion	 			5. Type		
Ur	nit		Mal	ake Model Se		Se	ial No.		Repair	Alteration						
AIRFRA	ME	~				(As de	escril	be	ed in Item 1 a	bove)	ر در	,	~		x	
						· ·										
POWER	PLANI							_						1.	-	
PROPE	LLER														 	
-		Туре									•					
APPLIA	NCE	Manufacture														
		<u> </u>					6	; <u>.</u>	Conformity St	tement						
A. Agei	ncy's Na	me and Addre	s						d of Agency			C. C	ertificate No	D		
	ffer C \								J.S. Certificated			- IA3	34708720	DAP		
		n Ave.	·					Foreign Certificated Mechanic Certificated Repair Station			<u></u>					
		VI 53207						Ţ	Manufacturer]				
	nave bee	at the repair a n made in act true and corre	vrdanc	e witt	the requirem	ents of Pa	dentifi art 43 (led of	in item 4 abov the U.S. Feder	e and desc al Aviation	ribed on the rever Regulations and t	se or at hat the	tachments h information t	nereto furnished		
Date	ierein is	rue and cone	t to un	e Des	torary anoma	Jugu.		Ţ	Signature of Au	hogized In	dividual					
09-25	-03					•		ļ	1							
							7. Ac	る	roval for Retui	n to Servi	ce					
		ne authority gr of the Federa				w, the uni	t ideni	tifi			d in the manner pr	escribed	by the			
Admi	F/	AA Fit Standa			Manufacture		×	7	Inspection Auth	orization		Other (Specify)			
BY		spector AA Designee			Repair Station	on			Person Approvi Canada Airwori							
		or Rejection		Des	ificate or gnation No.		•		Signature of Au	horizotti	dividual				•	
9-26-03			IA334708720AP					ا	1/1/10							

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	ccomplished
	(If more space is requi	ad, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
		Instructions For Continued Airworthiness
1.	Introduction: Side lo	king camera hatch Alteration.
2. cai	Description: Altered :	nd Disabled STC SA79RM Side looking camera hatch by removing the following items: Hatch guide rails, meraman shoulder harness, cameraman seat tracks. Fabricated and installed a locking plate for the hatch locking and primed .063 2024T3 Alclad.
3.	Control: Original	
4.	Servicing Information	No servicing required.
5. ma	Maintenance Instruction	ons: Remove and Inspect Hatch every Phase 5 inspection (1200hrs or 3 Years whichever occurs first) in the same of the emergency exit hatch as outlined in item code numbers A522001- A521003, and A531009 or their equivelants.
6.	Troubleshooting Info	nation: N/A
7. hai	Removal and replace	ment information: Remove hatch by removing the 6 boits securing the locking plate, remove locking plate. Install nandle with 2 boits, turn handle and remove hatch. Install by reversing removal instructions.
8.	Diagrams: Attached	heets.
9.	Special inspection re	juirements: N/A
10		ive treatments: N/A
11.	. Data: Reference ST	: SA79RM drawings and attached diagram of locking plate and latch handle install.
12		
13		ıry aircraft: N/A
14		
15	Airworthiness limital	on section: For flight during which the camera door is to remain closed, the airplane is operated in the Transport plane Flight Manual applies. The camera hatch must remain closed.
16. rev	Revision: For any revised Instructions for Co	rision to these instructions, a letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and antinued Airworthiness. The FAA inspector accepts the change by signing block 3 and including the following
aite	eration have been acce	d revised / new Instructions for Continued Airworthiness Date: for the above aircraft or component major ited by the FAA, Superceding the Instructions for Continued Airworthiness Dated 09-25-03" Once the revision has ince record entry will be made, identifying the revision, its location, date of the form 337.
17. ref	Placards: A placarc erence FAA form 337 c	indicating the hatch is disabled has been installed reading " STC SA79RM Side looking Camera hatch disabled, ited 09-25-03"
		END END
•		
	*	<u> </u>
		Additional Sheets Are Attached



US Department of Transportation

1. Aircraft

MAJOR REPAIR AND ALTERATION (Air rame, Powerplant, Propeller, or Appliance)

Form Appr	oved
Form Appr OMB No.	2120-002

For FAA Use Only

Office Identification

Federal Aviation

Make

Cessna

Serial No.

itation

INSTRUCTIONS: Print or pe 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 for . This report is required by law (49 U.S.C. 1421). Failure to report can result in civil penalty not to exceed \$1,000 for each such violation (Se tion 901 Federal Aviation Act of 1958).

Model

Nationality and Registration Mark

, Milotais	Senai No.				N50KR					
		hown on registration cer	tificate)		Address	(As shown on registre	tion certific	cate)		
2. Owner	Africar	Aircraft Manageme	ent LLC.		3821 Bigelow St. Peoria IL 61614-7320					
				3. Fo	r FAA Use Only					
	 			0.10						
-	<u> </u>				- - -					
				4. U	nit Identification			5. Type		
Unit		Make			Model	Serial No		Repair	Alteration	
AIRFRAME			— (As de	scribec	f in Item 1 above)				х	
POWERPLANT										
PROPELLER										
APPLIANCE	Туре									
APPLIANCE	Manufac	ne.								
					nformity Statement		7			
A. Agency's Na	ame and A	iress			(ind of Agency			ficate No. 08720AP		
Kristoffer		1		X	U.S. Certificated Mechan		TASSAIN	00120RE		
923 E Layt Milwaukee				-	Foreign Certificated Medi		-			
				-	Certificated Repair Statio Manufacturer	<u>n</u>	1			
have her	en made in	air and/or alteration made accordance with the require ue and correct to the bes	rements of F	Part 43	tified in item 4 above ar of the U.S. Federal Avia	d described on the retion Regulations and the	verse or al nat the info	itachments he imation	reto	
Date 08-29-200			-		nature of Authorized Indi	vidual				
			7 A	Phone	al for Return To Service	:A				
Pursuant to	the authori	given persons specified eral Aviation Administration	below, the u	ınit ider	ntified in item 4 was insp		escribed b	y the	· · · · · · · · · · · · · · · · · · ·	
	A Fit. Stan		T		pection Authorization	Other (Specify)			

Person Approved by Transport Canada Airworthiness Group

Signature of Authorized Individual

FAA Form 337 (12-88)

08-29-03

Inspector

Date of Approval or Reje tion

FAA Designer

Repair Station

Certificate or Designation No.

IA334708720AP

BY

NOTICE

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

8. Description of Work Acc implished (If more space is required attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) **Instructions for Continued Airworthiness**

Introduction: Removal of HF, VLF and COMM 3.

cription: Removed the folowing items along with associated wiring and circuit breakers:

2 Description: Vernoved the	1 (00 4002 001	1111
HF CONTROL HEA	622-4093-001	 ::
THE COLUMN PROPERTY	622-2631-001	3
RECIEVER EXCITE {	787-6781-004	1358
AMPLIFIER COUPI ER		
ANTENNA HF	14403	
ANTENNAME	PF10-167	117
ANTENNA COMM		451
ANTENNA	DM C144-1-1	
	CI18-1	229
ANTENNA		282273
CONTROL HEAD	CE706S-3A	
	CE706S-3A	282274
CONTROL HEAD	CE706S-3A	282275
CONTROL HEAD	CE1003-3A	

Plugged holes in uselage per Citation 500 series SRM. Aircraft weighed after removal. see updated weight and balance informat in.

Control: or gional 3

Servicing I formation: No servicing required.

Maintenan e Instructions: N/A 5

Trouble St xoting Information: N/A 6

Removal And Replacement Information: N/A 7

8 Diagrams: N/A

Special In: pection Requirements: N/A 9

Application of Protective Treatments: N/A 10

Data: N/A 11

List of Sp cial Tools: N/A 12

For Commuter Category Aircraft: N/A 13

Recomme aded Overhaul Periods: N/A

Airworth ness Limitation Section: N/A 15

Revision: For any revision to these instructions, a letter will be submitted to the local FSDO with a copy of the revised FA. Form 337 and revised Instructions for Continued Airworthiness. The FAA Inspector accepts the change by signing Block 3 and including the Following statement.

' The attached revised /new instructions for Continued Airworthiness Date: aircraft or com onent major alteration have been accepted by the FAA, Superseding the Instructions for Continued Airworthiness : vated: 08-25-03." Once the revision has been accepted, a maintenance record entry will be made,

X Additional Sheets Are Attached

NOTICE

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

escription of Work Acc implished impression of work Acc implished impression in the revision its location, date of	ify with aircraft nationality and registration mark and date work completed.) f the Form 337. FNDFND
identifying the fev sion, its footies, taste on	END
	•
· ·	· <u>-</u>
	en e
	<u> </u>
*	
	~~
	en e
	-
-	
	·
	•
=	
	Additional Sheets Are Attached

EQUIPMENT CHANGE AVEIGHT & BALANCE			
REG. NO. N50KR	MODEL 500		Serial No. 415
NSUKK	Weight	Arm	Momenta
Items: (Description / P/N / S/N)	Pounds	Inches	Inch/Pounds
Previous Aircraft Empty Weight:	6902	261.94	18079.37
Remove special #8 FWD facing seat	-34.2	179	-6121.8
			0
	_		0
			0
			0
			0
77			0
			O
			⁻ 0
			0
			0
			0
			0
Totals	6867.8	-	11957.57
A. Old Empty Weight		6902	Pounds
B. Old Empty CG		261.94	
C. Old Empty Weight CG Moment			Inch/Pounds
D. Max Gross Weight E. Old Useful Load			Pounds Pounds
E. OR Useru Luad		- 5096	Pourius
A. New Empty Weight		6867.8	Pounds
B. New Empty CG		1.741106	
C. New Empty Weight GG Moment		11957.57	Inch/Pounds
D. Max Gross Weight		12000	Pounds
E. New Useful Load		5132.2	Pounds
This can be be be a long to the state of the			and to to a dat
This new weight & balance information supers For aircraft loading, see instructions in Weight			
ा वा काराबार विबयसपुर, उट्ट राज्यस्मागाङ सर स्थापुरि	. u valence de	ouvii vi X	norar i ngin martiati
FAA Form 337 Completed?	N		
Equipment List Amended?	Y		
By: Kristoffer C Werth	Date:	9/23/2003	