

3954-2010-102 W Adamson

Engler
Chr. sty

RECEIVED
WICHITA ACO

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2010 NOV -3 A 9:01

02 November 2010

IN REPLY REFER TO:

[Redacted]

Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209



21.3 logged

ATTENTION: Mr. Robert Adamson
Wichita ACO COS Program Manager

SUBJECT: 14 CFR 21.3 Reportable - Model 510-0263 RH Engine In-Flight
Commanded Shutdown

Dear Mr. Adamson:

Cessna has received a report of the following occurrence(s):

Date of incident: 10/29/2010
Engine S/N: [Redacted]
Location: [Redacted]
Total Time: [Redacted]
Aircraft Reg: [Redacted]
Propeller Model: [Redacted]
Aircraft S/N: 510-0263
Engine Model: [Redacted]

Nature of Occurrence/Description: RH Engine In-Flight Commanded Shutdown

[Large redacted block]

Sincerely,

[Handwritten signature]

Kim Hackett
TC ODA Administrator, ODA-100129-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager - Wichita ACO
cc: Larry Hager, Cessna Quality Manager

COPY

3953-2010-1084 Adamson Engler
RECEIVED WICHITA ACO Christy

2010 NOV -3 A 9:00



21.3 logged

02 November 2010

IN REPLY REFER TO:

[Redacted]
Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209

ATTENTION: Mr. Robert Adamson
Wichita ACO COS Program Manager

SUBJECT: 14 CFR 21.3 Reportable – Model 510-0209 RH Engine In-Flight
Commanded Shutdown

Dear Mr. Adamson:

Cessna has received a report of the following occurrence(s):

Date of incident: 10/27/2010
Engine S/N: [Redacted]
Location: [Redacted]
Total Time: [Redacted]
Aircraft Reg: [Redacted]
Propeller Model: [Redacted]
Aircraft S/N: 510-0209
Engine Model: [Redacted]

Nature of Occurrence/Description: RH Engine Pilot Commanded In Flight Shutdown.



Sincerely,

Kim Hackett
KHA

Kim Hackett
TC ODA Administrator, ODA-100129-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager – Wichita ACO
cc: Larry Hager, Cessna Quality Manager

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WICHITA ACO

2010 JUN 18 A 10: 24



8265-2010
102 W
Adamson

17 June 2010

IN REPLY REFER TO:

[Redacted]

Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209

ATTENTION: Mr. Robert Adamson
Wichita ACO COS Program Manager

SUBJECT: 14 CFR 21.3 Reportable – Model 510-0037 LH Engine Commanded In-Flight Shutdown

REFERENCE: [Redacted]

Dear Mr. Adamson:

Cessna has received a report of the following occurrence(s):

Date of Incident: 25 May 2010
Aircraft S/N: 510-0037
Registration #: [Redacted]
Location: [Redacted]
Total Time: [Redacted]
Engine Model: [Redacted]
Engine S/N: [Redacted]

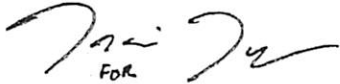
Nature of Occurrence/Description: LH engine commanded in-flight shutdown

[Large Redacted Area]

[REDACTED]
17 June 2010

Page 2

[REDACTED]
Sincerely,


For

Kim Hackett
TC ODA Administrator, ODA-100129-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager – Wichita ACO
cc: Larry Hager, Cessna Quality Manager

~~ADAMSON~~
ADAMSON _____
ECKERMAN _____
J. GARSTAD JAG



14 July 2009

IN REPLY, REFER TO:

[REDACTED]

Federal Aviation Administration
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Wichita, Kansas 67209

ATTENTION: Mr. Bob Adamson
COS Program Manager

SUBJECT: Model 510, 21.3 Reportable, 510-0132, Inflight Shutdown RH Engine

REFERENCE: [REDACTED]

Dear Mr. Adamson:

Cessna has received a report of the following occurrence:

Date of Incident: 7/10/2009

Subject Aircraft:
Aircraft Model: 510
Aircraft S/N: 510-0132
Aircraft Reg: [REDACTED]
Engine Model: [REDACTED]
Engine S/N: [REDACTED]
Engine Total Time: [REDACTED]
Airframe Total Time: [REDACTED]

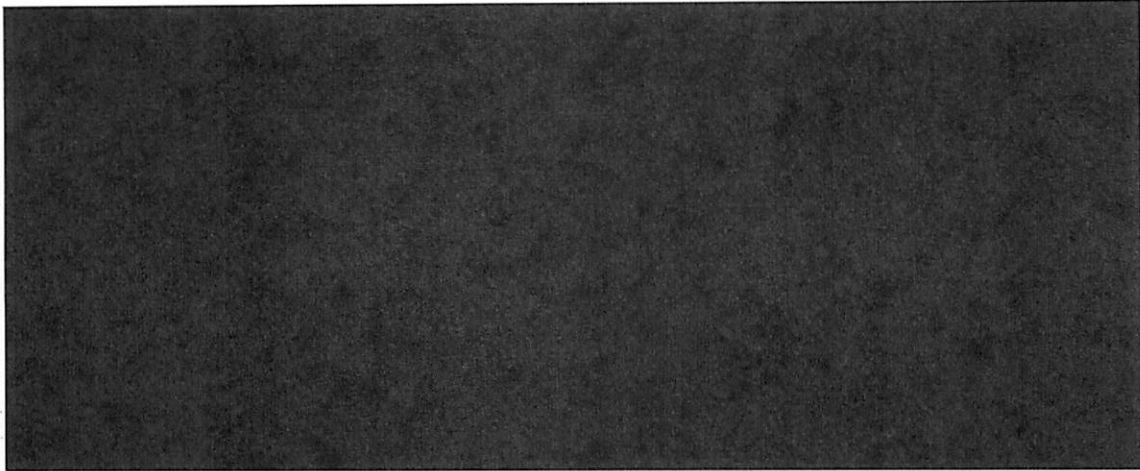
Nature of Occurrence/Description:

[REDACTED]

21.3 logged
RECEIVED
JUL 14 2009
3474-2009-108 Bob Adamson

[REDACTED]
14 July 2009

Page 2



Sincerely,

Chad Groves

for

Kim Hackett
ODA Administrator – ODA-100129-CE
Cessna Aircraft Company

cc: Tina Miller, FAA Program Manager – Wichita ACO
cc: Larry Hager, Cessna Quality Manager

21.3 Logged

MIKE ~~TH~~
ADAMSON EDA
ECKERMAN _____

3 June 2009

IN REPLY REFER TO:
[REDACTED]



Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209

ATTENTION: Mr. Robert Adamson
Wichita ACO COS Program Manager

SUBJECT: 14 CFR 21.3 Reportable – Model 510 Incidents, Pitch Trim Freeze

REFERENCE: [REDACTED]

RECEIVED
JUN - 4 2009
3015-2009-025 Adamson

Dear Mr. Adamson:

Cessna has received a report of the following occurrence(s):

Date of Incident: 29 May 2009
Aircraft S/N: 510-0073
Registration #: [REDACTED]
Location: [REDACTED]
Total Time: [REDACTED]
Engine Model: [REDACTED]

Nature of Occurrence/Description:

[REDACTED]

606

[REDACTED]
3 June 2009
Page 2

[REDACTED]

Date of Incident: 1 May 2009
Aircraft S/N: 510-0065
Registration #: [REDACTED]
Location: [REDACTED]
Total Time: [REDACTED]
Engine Model: [REDACTED]

[REDACTED]

Sincerely,

Becky Innichiffe

FR

Kim Hackett
ODA Administrator, ODA-100129-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager – Wichita ACO
cc: Larry Hager, Cessna Quality Manager

107



30 July 2008

In reply, refer to:

[Redacted]

Federal Aviation Administration
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Wichita, Kansas 67209

Attention: Mr. Paul Nguyen
COS Program Manager

Subject: 14 CFR 21.3 Reportable – Model 510-0026 Incident, Aileron Freeze

Reference: [Redacted]

Dear Mr. Nguyen:

Cessna has received a report of the following occurrence:

Date of Incident: 24 July 2008
Aircraft S/N: 510-0026
Registration #: [Redacted]
Location: [Redacted]
Total Time: [Redacted]
Engine Model: [Redacted]

Nature of Occurrence/Description:

[Large Redacted Area]

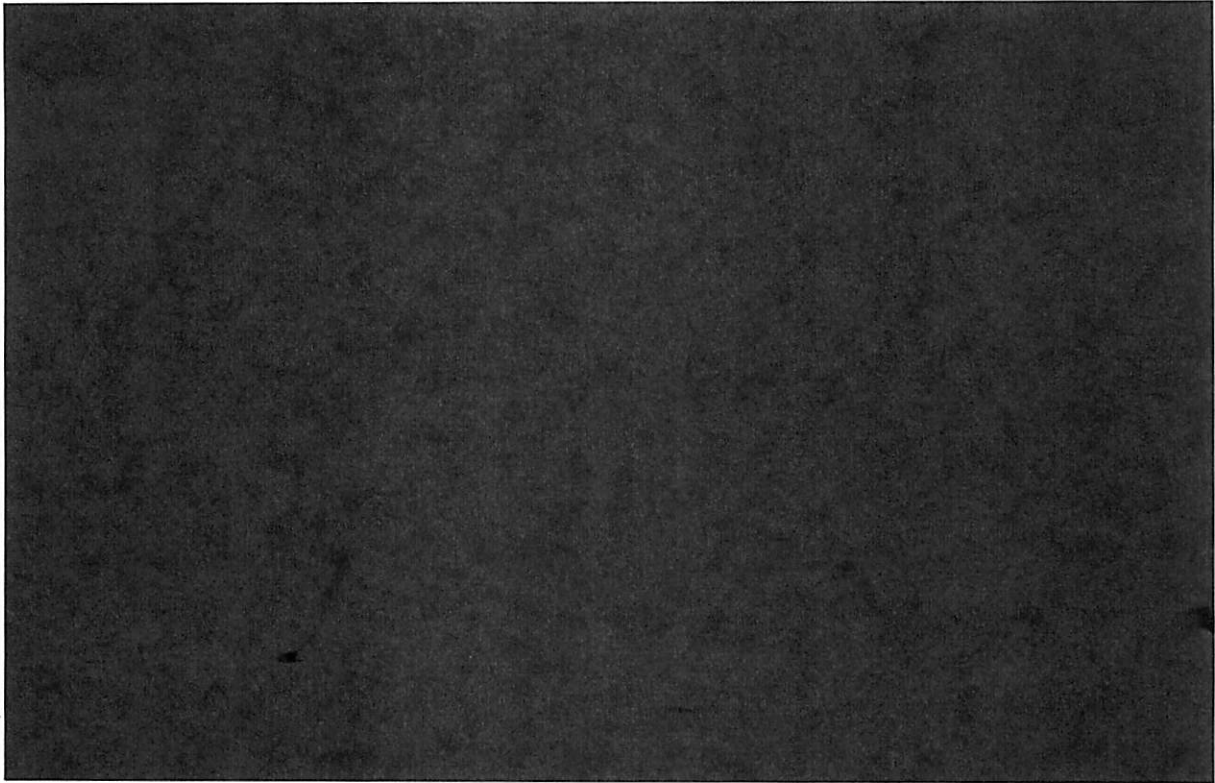
2008 JUL 31 A 9:42
RECEIVED
WICHITA ACO

Handwritten signature

4978-2028-115W Nguyen
MSD *CP*
C.R.
116 w/p *DF*
D.F.
121 w —
C.E.

*21.3
Logged*

30 July 2008
Page 2



Sincerely,

A handwritten signature in cursive script, appearing to read "Seth H. H.", is written over the typed name.

for Kim Hackett
DOA Administrator, DOA-230594-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager, Wichita ACO
cc: Christy Eckerman, Wichita ACO
cc: Larry Hager, Cessna Quality Manager

4767-2009 ACOS Adamson

77 RICH

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WICHITA ACO

2009 SEP 21 A 8:28

Adamson —
Eckerman —
Boyer —



21.3 Logged

18 September 2009

IN REPLY REFER TO:

[Redacted]

Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209

ATTENTION: Mr. Robert Adamson
Wichita ACO COS Program Manager

SUBJECT: 14 CFR 21.3 Reportable – Model 510-0079, Both Primary Flight
Displays went blank causing brief Loss of Attitude, Altitude, and
Airspeed.

REFERENCE: [Redacted]

Dear Mr. Adamson:

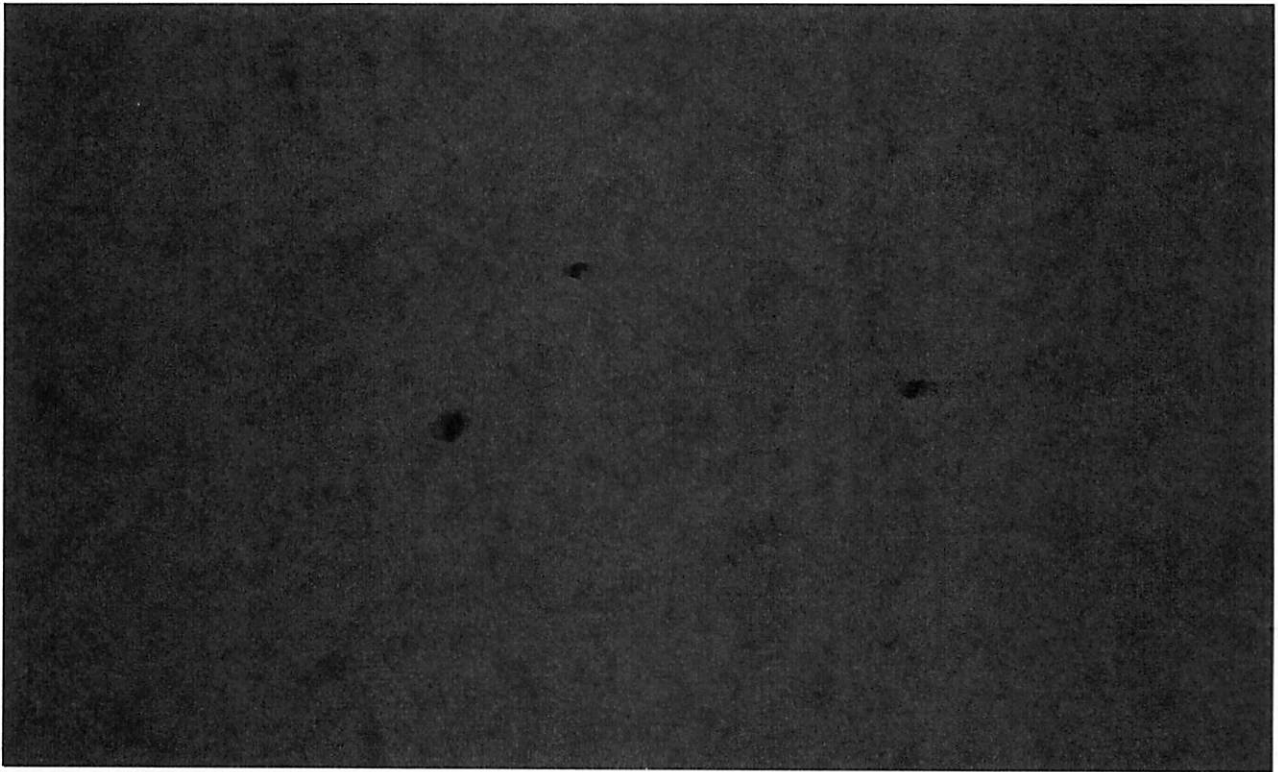
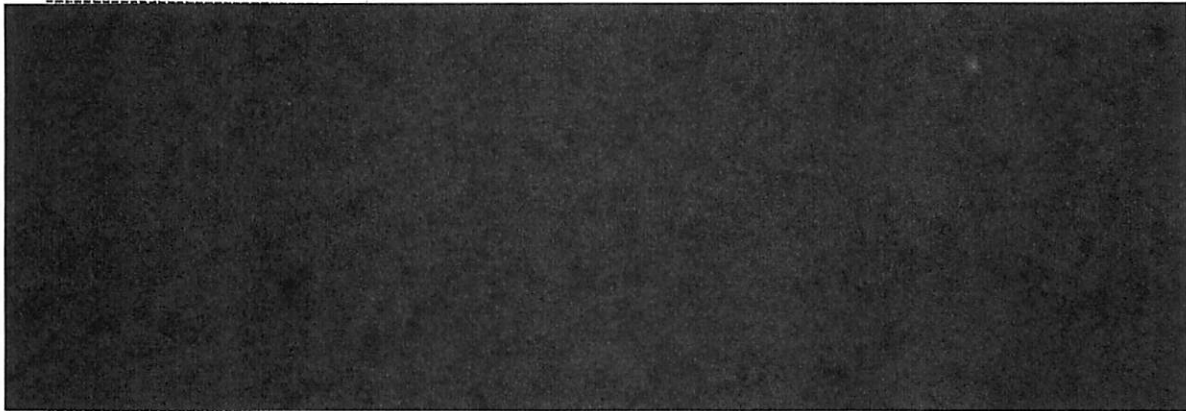
Cessna has received a report of the following occurrence(s):

Date of incidents: 15 September 2009
Aircraft S/N: 510-0079
Registration #: [Redacted]
Location: [Redacted]
Total Time: [Redacted]
Engine Model: [Redacted]

Nature of Occurrence/Description:

[Large Redacted Area]

[REDACTED]
18 September 2009
Page 2



Sincerely,

FOR
Kim Hackett

ODA Administrator, ODA-100129-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager – Wichita ACO
cc: Larry Hager, Cessna Quality Manager

Galstair
Adamson RPA
Eckerman
21.3 Logged

22 February 2010

IN REPLY REFER TO:



Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209

ATTENTION: Mr. Robert Adamson
Wichita ACO COS Program Manager

SUBJECT: 14 CFR 21.3 Reportable – Model 510-0009 RH Engine Un-Commanded In-Flight Shutdown

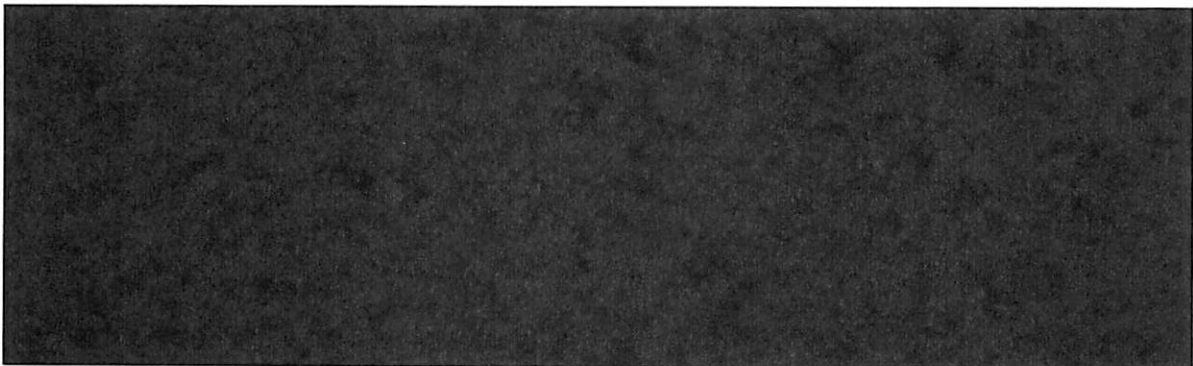
REFERENCE:

Dear Mr. Adamson:

Cessna has received a report of the following occurrence(s):

Date of Incident: 17 February 2010
Aircraft S/N: 510-0009
Registration #:
Location:
Total Time:
Engine Model:
Engine S/N:

Nature of Occurrence/Description:



Sincerely,

FDR

Kim Hackett
TC ODA Administrator, ODA-100129-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager – Wichita ACO
cc: Larry Hager, Cessna Quality Manager

2010 FEB 23 A 0:53

618-2010-2002 Adamson
RPA

U. Eckerman
Galstad *MAH*
Adamson *BAA*
21.3 logged - CE
574-2010
102W
Adamson *per*

18 February 2010

2010 FEB 19 A 7 44

IN REPLY REFER TO:

[Redacted]

Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209



ATTENTION: Mr. Robert Adamson
Wichita ACO COS Program Manager

SUBJECT: 14 CFR 21.3 Reportable – Model 510-0003 RH Engine Commanded In-Flight Shutdown

REFERENCE: [Redacted]

Dear Mr. Adamson:

Cessna has received a report of the following occurrence(s):

Date of Incident: 11 February 2010
Aircraft S/N: 510-0003
Registration #: [Redacted]
Location: [Redacted]
Total Time: [Redacted]
Engine Model: [Redacted]
Engine S/N: [Redacted]

Nature of Occurrence/Description:

[Redacted]

Sincerely,

Kim Hackett
FOR

Kim Hackett
TC ODA Administrator, ODA-100129-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager – Wichita ACO
cc: Larry Hager, Cessna Quality Manager

23 October 2009

IN REPLY REFER TO:

Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209

ATTENTION: Mr. Robert Adamson
Wichita ACO COS Program Manager

SUBJECT: 14 CFR 21.3 Reportable – Model 510-0091 RH Engine Commanded In-Flight Shutdown

REFERENCE:

Dear Mr. Adamson:

Cessna has received a report of the following occurrence(s):

Date of Incident: 09 October 2009
Aircraft S/N: 510-0091
Registration #: [REDACTED]
Location: [REDACTED]
Total Time: [REDACTED]
Engine Model: [REDACTED]
Engine S/N: [REDACTED]

Nature of Occurrence/Description:

[REDACTED]

Sincerely,

Kim Hackett
For

Kim Hackett
ODA Administrator, ODA-100129-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager – Wichita ACO
cc: Larry Hager, Cessna Quality Manager

2009 OCT 27 A 2:56



11/6/09 JH

102W [unclear]

102W [unclear]

21.3 logged

5115-2009

102W

HADAMSON

26 October 2009

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2009 OCT 27 A 2:55



Handwritten initials/signature

5413-2009 102W Adamson

IN REPLY REFER TO:

[Redacted]

Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209

ATTENTION: Mr. Robert Adamson
Wichita ACO COS Program Manager

SUBJECT: 14 CFR 21.3 Reportable - Model 510-0007 Incident, Autopilot near
90 Degree Roll.

REFERENCE:

[Redacted]

Dear Mr. Adamson:

Cessna has received a report of the following occurrence(s):

Date of incident: On or around 10/8/2009
Aircraft S/N: 510-0007
Registration #: [Redacted]
Location: [Redacted]
Total Time: [Redacted]
Engine Model: [Redacted]

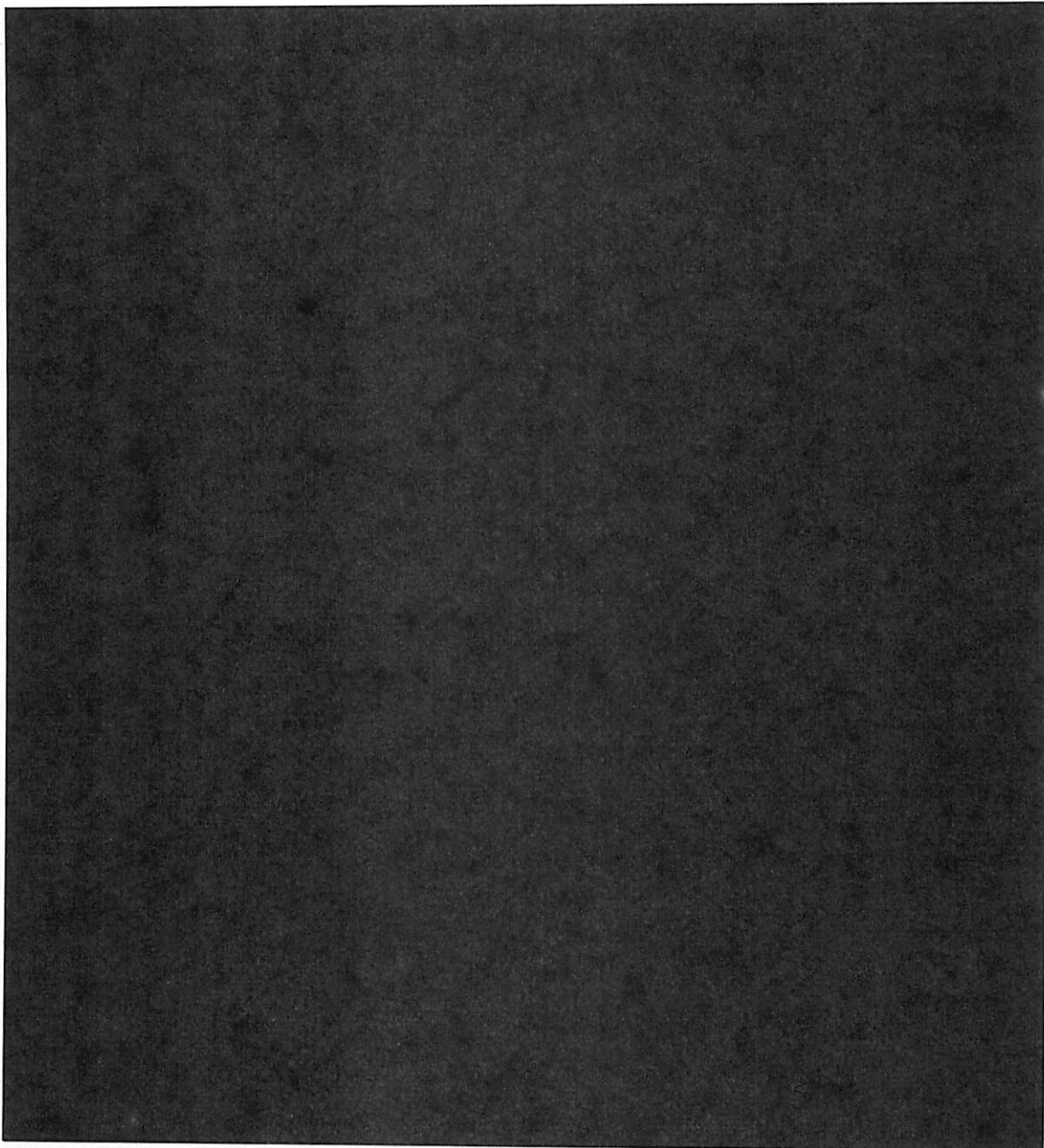
Nature of Occurrence/Description:

[Large redacted area]

*11946
RICH
102W pm
102 call list*

26 October 2009

Page 2



Sincerely,

A handwritten signature in black ink, appearing to read 'Carlos Ayala', is written above the printed name.

FOR

Carlos Ayala

ODA Administrator, ODA-100129-CE

Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager – Wichita ACO
cc: Larry Hager, Cessna Quality Manager

1720-2009-005 Adamson

MIKE Mike

ADN AJ

CHRISTY —

RECEIVED
WICHITA ACO



2009 MAR 30 A 10-01

25 March 2009

IN REPLY REFER TO:

[Redacted]



21.3 logged

Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209

ATTENTION: Mr. Robert Adamson
Wichita ACO COS Program Manager

SUBJECT: 14 CFR 21.3 Reportable – Model 510-0166 Incident, Aileron Freeze

REFERENCE: [Redacted]

Dear Mr. Adamson:

Cessna has received a report of the following occurrence(s):

Date of incident: 27 February 2009
Aircraft S/N: 510-0166
Registration #: [Redacted]
Location: [Redacted]
Total Time: [Redacted]
Engine Model: [Redacted]


Nature of Occurrence/Description:

[Large redacted area]

105

25 March 2009
Page 2

Sincerely,



for
Kim Hackett
ODA Administrator, ODA-100129-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager – Wichita ACO
cc: Larry Hager, Cessna Quality Manager

21 May 2008

In reply, refer to:



Federal Aviation Administration
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Wichita, Kansas 67209

Attention: Mr. Paul Nguyen
COS Program Manager

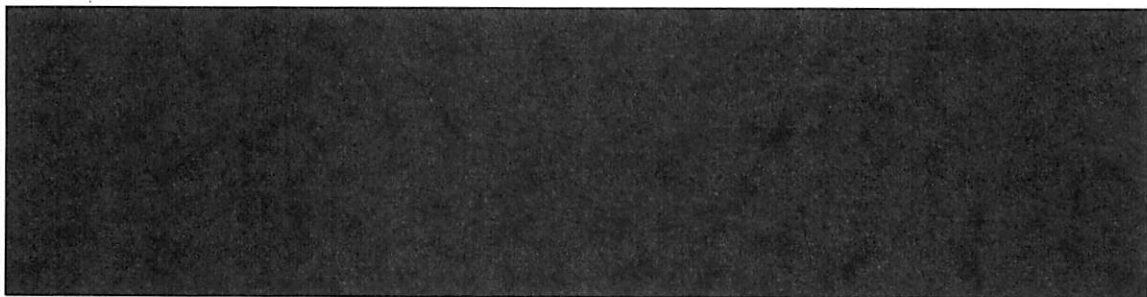
Subject: Possible 14 CFR 21.3 Report – Cessna Mustang Model 510-0005 Aircraft
Incident, Elevator Pitch Trim Run-Away during Autopilot Operation

Dear Mr. Nguyen,

Cessna has received a report of the following occurrence:

Date of Incident: 9 May 2008
Location: [Redacted]
Aircraft Registration Number: [Redacted]
Aircraft Serial Number: 510-0005
Engine Model: [Redacted]
Total Time: [Redacted]
Cessna AW Tracking Number: [Redacted]

Nature of Occurrence/Description:



Sincerely,

for Barbara Davis
Assistant DOA Administrator, DOA-230594-CE
Cessna Aircraft Company

cc: Grant Youngdahl, FAA Program Manager

2008 MAY 22 A 10:30

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WICHITA ACO

3410-2008-115W Nguyen

21.3 logged
119W [Signature]
116W [Signature] A.F.
117W [Signature] S.R.
118W [Signature] C.F.

19 June 2007

IN REPLY, REFER TO:

[Redacted]



Federal Aviation Administration
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Wichita, Kansas 67209

ATTENTION: Mr. Grant Youngdahl
Program Manager

SUBJECT: Possible 14 CFR 21.3 Report – Model 510-0002 Aircraft Incident,
Slack in Elevator Cable Servo Tension

3861-2007-117A Youngdahl

Dear Mr. Youngdahl:

Cessna has received a report of the following occurrence:

Date of Incident: 18 June 2007 Aircraft S/N: 510-0002
Location: [Redacted] Total Time: [Redacted]
Engine Model: [Redacted]

2007 JUN 20 1
RECEIVED
WICHITA ACD

NATURE OF OCCURRENCE / DESCRIPTION:

[Large Redacted Area]

Sincerely,

CESSNA AIRCRAFT COMPANY

Kim Hackett

for Kim Hackett
DOA Administrator, DOA-230594-CE

21.3 logged

*116Wm
MIDO
118W Eckerman*



08 January 2007

IN REPLY REFER TO:

[REDACTED]

Federal Aviation Administration
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Wichita, Kansas 67209

ATTENTION: Ms. Grant Youngdahl
Program Manager

SUBJECT: **Model 510, 21.3 Report,**

[REDACTED]

Dear Mr. Youngdahl:

Cessna has received a report of the following occurrence:

Date of incidence: January 5, 2007

Location: [REDACTED]

Aircraft Reg: [REDACTED]

Aircraft S/N: 510-003

Engine Model: [REDACTED]

Engine S/N: [REDACTED]

Total time: [REDACTED]

Propeller Model: [REDACTED]

Propeller S/N: [REDACTED]

NATURE OF OCCURRENCE/DESCRIPTION:

[REDACTED]

86

08 January 2007
Page 2 of 2

Sincerely,

CESSNA AIRCRAFT COMPANY



Kim A. Hackett
DOA Administrator, DOA-230594-CE

Cc: Larry Hager

20 December 2007



IN REPLY, REFER TO:

Federal Aviation Administration
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Wichita, Kansas 67209

ATTENTION: Mr. Paul Nguyen
Continued Operational Safety Program Manager

SUBJECT: 14 CFR 21.3 Report – Model 510-0049 Aircraft Incident,
Coverage of the Left Wing Fuel Vent with Temporary Vinyl

Dear Mr. Nguyen:

Cessna has received a report of the following occurrence:

Aircraft Model: Model 510, Citation Mustang,
Aircraft Serial Number: 510-0049
Date of Incident: 19 December 2007
Location:
Engine Model:
Airframe Hours:
Cessna AW Tracking Number:

NATURE OF OCCURRENCE / DESCRIPTION:

[Redacted content]

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wp
J.G.
11.8w Jnb.
E
T.W.
11.5w v.n
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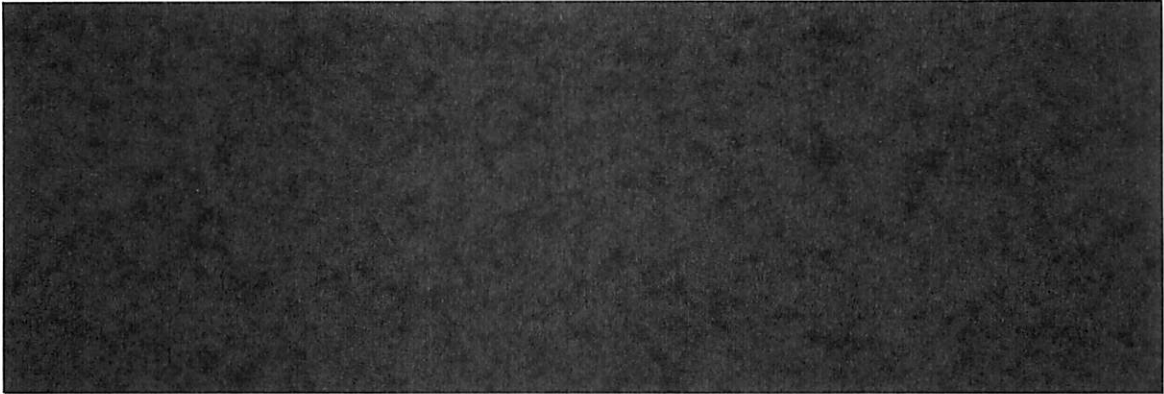
JAN 02 2008

CE 7-2008 Nguyen

88

[REDACTED]
20 December 2007

Page 2



Sincerely,

CESSNA AIRCRAFT COMPANY

A handwritten signature in cursive script, appearing to read "Kim Hackett", is written over the printed name.

Kim Hackett
DOA Administrator, DOA-230594-CE

Cc: Grant Youngdahl

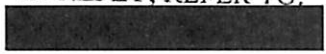
Ann AJ
Christy

RECEIVED
WICHITA ACO
3165-2010
2010 OCT 12 P 12:19
Adamson am



11 October 2010

IN REPLY, REFER TO:





Federal Aviation Administration
Aircraft Certification Office
1801 Airport Road
Wichita, KS 67209

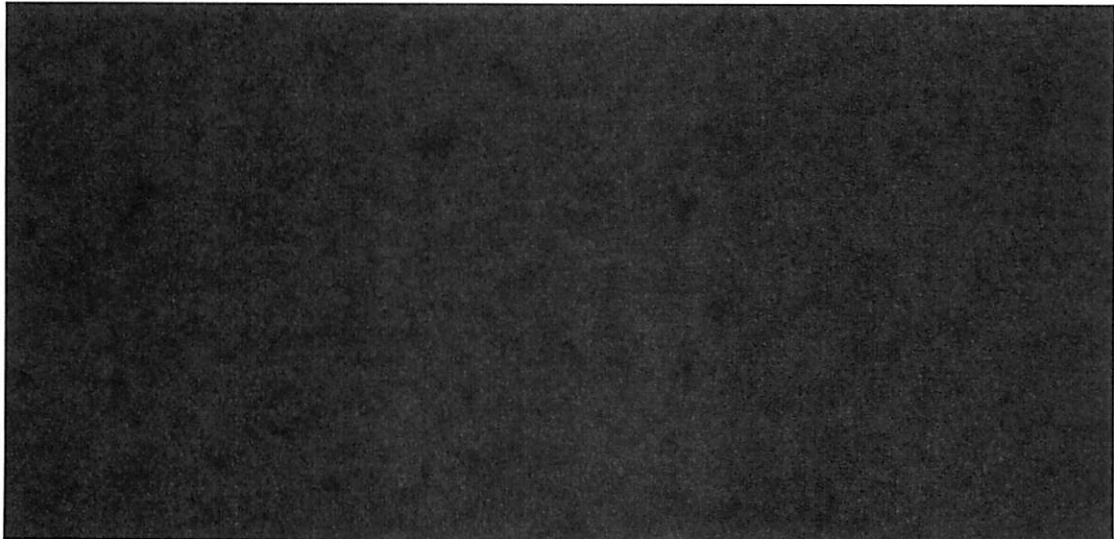
SUBJECT: 14 CFR 21.3 Reportable - Model 510-0290 Elevator Trim Freeze

Dear Mr. Adamson:

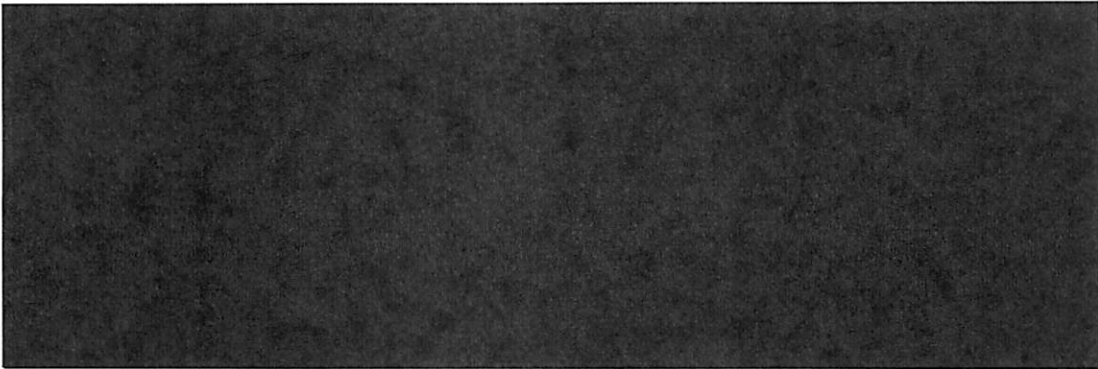
Cessna has received a report of the following occurrence(s):

Date of Incident: 30 September 2010
Aircraft S/N: 510-0290
Registration #: 
Total Time: 

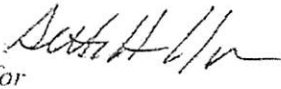
Nature of Occurrence/Description: Elevator Trim Freeze



[REDACTED]
11 October 2010
Page 2 of 2



Sincerely,



for

Kim Hackett
TC ODA Administrator, ODA-100129-CE
CESSNA AIRCRAFT COMPANY

cc: Grant Youngdahl, FAA Program Manager - Wichita ACO
cc: Larry Hager, Cessna Quality Manager



Federal Aviation Administration

Memorandum

Date: April 16, 2009

From: Manager, Standards Office, ACE-110

To: Manager, Recommendation and Analysis Division, AAI-200

Prepared by: Lola Gehrt, COS Branch, ACE-113, 816-329-4142

Subject: Final Response to Safety Recommendation 09.003

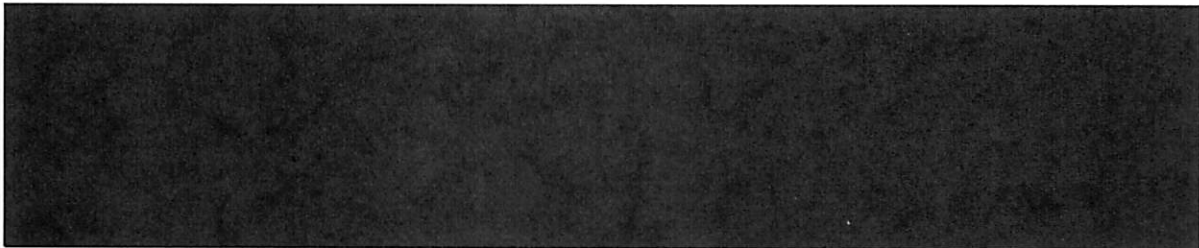
This memorandum is in response to the Federal Aviation Administration (FAA) Safety Recommendation 09.003, dated December 30, 2008. This recommendation concerns the potential of freezing in the flight control system of the Cessna Model 510 Mustang.

FAA Safety Recommendation 09.003:

The safety recommendation recommends that three drain holes be installed in panel 315AC (see safety recommendation attachments, Exhibits 1 thru 5). The three drain holes would allow drainage and airflow to keep the area dry.

Small Airplane Directorate Response:

Safety Recommendation 09.003 is the result of five incidents of ailerons freezing during flight on airplane S/N 510-0026.



[REDACTED]

A meeting was held on April 2 at the Wichita ACO, [REDACTED]

[REDACTED]

We also discussed the recommendation to install three drain holes in fuselage panel 315AC, and decided that the location of the three drain holes would not improve the performance of the aileron system because the problem was occurring in a different location, as demonstrated by the flight testing. [REDACTED]

[REDACTED]

[REDACTED]

Regarding the Model 510 incident referenced in the Safety Recommendation (NTSB file LAX08FA117), [REDACTED]

[REDACTED]

Based on the comments cited above, the Small Airplane Directorate requests that FAA Safety Recommendation 09.003 be classified "Closed – Acceptable Alternate Action."

If you have any questions or need further information, please contact Ann Johnson at 316-946-4105.