



U.S. Department
of Transportation
Federal Aviation
Administration

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

GMB No. 2120-0320
Exp. 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark U.S.A N5446G	Serial No. 340A0685	
	Make CESSNA	Model 340A	Series
2. Owner	Name (As shown on registration certificate) SMOKY MOUNTAIN AIR CHARTER LLC	Address (As shown on registration certificate) Address 775 RANDELES RD	
		City STRAWBERRY PLAINS	State TENNESSEE
		Zip 37871-1153	Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	CESSNA	(As described in Item 1 above)	340A0685
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name JOHN CALVERT	Address 4917 Big Springs Capita	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
City Pikeville	State Tennessee	<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
Zip 37367	Country USA	<input type="checkbox"/> Certificated Repair Station	
		<input type="checkbox"/> Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>John Calvert</i> 2-23-21
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Ft. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. 3493738	Signature/Date of Authorized Individual <i>John Calvert</i> 2-23-21
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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.)

USA

N5448G

23/FEB/2023

Nationality and Registration Mark

Date

1. Removed Garmin GI275 Electronic Flight Instrument that was previously installed IAW Garmin STC #SA02658SE on August 7 2020. Reference FAA Form 337 dated August 7 2020 for installation details. Removed Garmin GI275 w/ADAHRS Class I/II Electronic Flight Instrument Kit PN 010-02326-10 which included GI275 Unit PN 011-04489-10. This unit was installed for backup attitude indication purposes only.
2. Removed Garmin GI275 Aircraft Flight Manual Supplement from aircraft.

-----END-----

Additional Sheets Are Attached

11



US Department of Transportation Federal Aviation Administration

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

Form Approved OMB No. 2120-0020 11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark	Serial No.		
	Make	Model	Series	
2. Owner	Name (As shown on registration certificate)		Address (As shown on registration certificate)	
	Address		City	
	State		Country	
	Zip			

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	POWERPLANT	Teledyne Continental Motors	TSIO-520-NB	145251-B
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name <u>RAM Aircraft, Limited Partnership</u>		<input type="checkbox"/> U. S. Certificated Mechanic		Manufacturer	
Address <u>7505 Karl May Drive</u>		<input type="checkbox"/> Foreign Certificated Mechanic		<input checked="" type="checkbox"/> Certificated Repair Station	
City <u>Waco</u> State <u>Texas</u>		<input type="checkbox"/> Certificated Maintenance Organization		Airframe Class III, Powerplant Class I	
Zip <u>76708</u> Country <u>United States</u>				VA1R551K	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <u>Ronnie Veselka 06/11/11</u>
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	X Inspection Authorization	Other (Specify)

Certificate or Designation No. <u>IA1919185</u>	Signature/Date of Authorized Individual <u>Ronnie Veselka 06/11/11</u>
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11

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.)

	06/1/11
Nationality and Registration Mark	Date

Engine modified for all operation power rating to 335 HP at 41" MAP and 2700 RPM. Modified in accordance with STC SE4327SW-D Rev. 4. Customer furnished with RAM Overhaul Manual Supplement, Operators Manual Supplement, and Parts Manual Supplement. See specific operating limitations in Aircraft Flight Manual or Supplemental Flight Manual.

Engine modified by installation of P/N S539800M30 starter adapter spring I/A/W Aircraft Specialties Services, Inc. S539800 Spring Installation Instructions No. 1101-1 dated February 15, 2000 per STC SE09846SC.

Installed Slick pressurized magnetos P/N 6320 per Dwg. 1036, Rev. AB, dated 10/22/04 I/A/W STC SE4651SW-D.

Installation mechanic must complete Block 1 and 2 on reverse side and mail one copy to the Federal Aviation Administration, Aircraft Registration Branch AFS-750, P.O. BOX 25504, Oklahoma City, Oklahoma 73125.

Negligible weight and balance change.

Customer furnished with FAA approved instructions for continued airworthiness for all alterations.

Pertinent details of the above installations are on file under Project No. 5649.

—End—

Additional Sheets Are Attached

11



US Department of Transportation Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020
11/30/2007

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1. Aircraft	Nationality and Registration Mark	Serial No.			
	Make	Model	Series		
2. Owner	Name (As shown on registration certificate)		Address (As shown on registration certificate)		
			Address		
			City	State	
			Zip	Country	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	POWERPLANT	Teledyne Continental Motors	TSIO-520-NB	514238-H
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name <u>RAM Aircraft, Limited Partnership</u>		<input type="checkbox"/> U. S. Certificated Mechanic		<input type="checkbox"/> Manufacturer	
Address <u>7505 Karl May Drive</u>		<input type="checkbox"/> Foreign Certificated Mechanic		<input checked="" type="checkbox"/> Certificated Repair Station	
City <u>Waco</u> State <u>Texas</u>		<input checked="" type="checkbox"/> Certificated Maintenance Organization		Airframe Class III, Powerplant Class I	
Zip <u>76708</u> Country <u>United States</u>				VA1R551K	

D. I certify that the repair and/or alteration made to the unit(s) identified in Item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <u>Ronnie Veselka 06/1/11</u>
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. <u>IA1919185</u>	Signature/Date of Authorized Individual <u>Ronnie Veselka 06/1/11</u>
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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.

B. Description of Work Accomplished

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

Nationality and Registration Mark

Date

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Engine modified by installation of P/N S539800M30 starter adapter spring I/A/W Aircraft Specialties Services, Inc. S539800 Spring Installation Instructions No. 1101-1 dated February 15, 2000 per STC SE09846SC.

Installed Slick pressurized magnetos P/N 6320 per Dwg. 1036, Rev. AB, dated 10/22/04 I/A/W STC SE4651SW-D.

Installation mechanic must complete Block 1 and 2 on reverse side and mail one copy to the Federal Aviation Administration, Aircraft Registration Branch AFS-750, P.O. BOX 25504, Oklahoma City, Oklahoma 73125.

Negligible weight and balance change.

Customer furnished with FAA approved instructions for continued airworthiness for all alterations.

Pertinent details of the above installations are on file under Project No. 5649.

—End—

Additional Sheets Are Attached

16) 2(19) & (28)



U.S. Department of Transportation
Federal Aviation Administration

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

DMB No. 2120-0020
Exp. 6/31/2018
Electronic Tracking Number
For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark <i>N5446B</i>	Serial No. <i>340A0685</i>
	Make <i>Cessna</i>	Model <i>340</i>
2. Owner	Name (As shown on registration certificate) <i>Smoky Mountain Air Charter</i>	
	Address (As shown on registration certificate) <i>225 Roadies Rd</i>	
	City <i>Seaweberry Plains</i>	State <i>TN</i>
	Zip <i>37871</i>	Country <i>USA</i>

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name <i>Thomas M. Edwards</i>	Address <i>217 Edwards Rd</i> City <i>New Tazewell</i> State <i>TN</i> Zip <i>37825</i> Country <i>USA</i>	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
		<input type="checkbox"/> Certificated Repair Station	<i>3683097</i>
		<input type="checkbox"/> Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>Thomas M Edwards 8-24-2019</i>
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. <i>3683097</i>	Signature/Date of Authorized Individual <i>Thomas M Edwards 8-24-2019</i>
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16 19 28

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.)

N5446B

Nationality and Registration Mark

8-24-709

Date

Removed Donaldson Air Filter Replaced with Brackett Assembly part No. BA109 Using STC - SA716K List No 1 Using installation Instructions Part No 109.5 Rev 7-29-04 Installed Service decal on Filter Canister OK for Service

End

Additional Sheets Are Attached



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

OMB No. 2120-0020
Exp: 5/31/2018
Electronic Tracking Number
For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark <i>N5446B</i>	Serial No. <i>390A0685</i>
	Make <i>Cessna</i>	Model <i>340</i>
2. Owner	Name (As shown on registration certificate) <i>Smoky Mountain Air Charter</i>	
	Address (As shown on registration certificate) <i>275 Randles Rd</i>	
	City <i>Strawberry Plains</i>	State <i>TN</i>
	Zip <i>37871</i>	Country <i>USA</i>

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name <i>Thomas M Edwards</i>	Address <i>217 Edwards Rd</i> City <i>New Tazewell</i> State <i>TN</i> Zip <i>37825</i> Country <i>USA</i>	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
		<input type="checkbox"/> Certificated Repair Station	<i>3683097</i>
		<input type="checkbox"/> Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>Thomas M Edwards 8-24-2019</i>
--	--

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	

Certificate or Designation No. <i>3683097</i>	Signature/Date of Authorized Individual <i>Thomas M Edwards 8-24-2019</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.)

NS446B 8-24-7019
Nationality and Registration Mark Date

Removed donaldson Air filter Replaced with Brackett Assembly
part No. BA109 Using STC - SA716L List No 1 Using
installation Instructions Part No 109.5 Rev 7-29-04
Installed Service decal on Filter Canister OK For Service

End

Additional Sheets Are Attached



US Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark	Serial No.		
	Make	Model	Series	
2. Owner	Name (As shown on registration certificate)		Address (As shown on registration certificate)	
	Address		City _____ State _____	
	City _____ State _____		Zip _____ Country _____	
	Zip _____ Country _____			

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	POWERPLANT	Teledyne Continental Motors	TSIO-520-NB	514238-H
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name <u>RAM Aircraft, Limited Partnership</u>		<input type="checkbox"/> U. S. Certificated Mechanic		<input type="checkbox"/> Manufacturer	
Address <u>7505 Karl May Drive</u>		<input type="checkbox"/> Foreign Certificated Mechanic		<input type="checkbox"/> Airframe Class III, Powerplant Class I	
City <u>Waco</u> State <u>Texas</u>		<input checked="" type="checkbox"/> Certificated Repair Station		<u>VA1R551K</u>	
Zip <u>76708</u> Country <u>United States</u>		<input type="checkbox"/> Certificated Maintenance Organization			

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <u>Ronnie Veselka</u> 06/1/11
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	X Inspection Authorization	Other (Specify)

Certificate or Designation No. <u>IA1919185</u>	Signature/Date of Authorized Individual <u>Ronnie Veselka</u> 06/1/11
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NOTICE

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8. Description of Work Accomplished

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

Nationality and Registration Mark

06/1/11

Date

Engine modified for all operation power rating to 335 HP at 41" MAP and 2700 RPM. Modified in accordance with STC SE4327SW-D Rev. 4. Customer furnished with RAM Overhaul Manual Supplement, Operators Manual Supplement, and Parts Manual Supplement. See specific operating limitations in Aircraft Flight Manual or Supplemental Flight Manual.

Engine modified by installation of P/N S539800M30 starter adapter spring I/AW Aircraft Specialties Services, Inc. S539800 Spring Installation Instructions No. 1101-1 dated February 15, 2000 per STC SE09846SC.

Installed Slick pressurized magnetos P/N 6320 per Dwg. 1036, Rev. AB, dated 10/22/04 I/AW STC SE4651SW-D.

Installation mechanic must complete Block 1 and 2 on reverse side and mail one copy to the Federal Aviation Administration, Aircraft Registration Branch AFS-750, P.O. BOX 25504, Oklahoma City, Oklahoma 73125.

Negligible weight and balance change.

Customer furnished with FAA approved instructions for continued airworthiness for all alterations.

Pertinent details of the above installations are on file under Project No. 5649.

—End—

Additional Sheets Are Attached



US Department of Transportation
Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020
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1. Aircraft	Nationality and Registration Mark	Serial No.	
	Make	Model	Series

2. Owner	Name <i>(As shown on registration certificate)</i>		Address <i>(As shown on registration certificate)</i>	
			Address _____	
			City _____	State _____
			Zip _____	Country _____

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	<i>(As described in Item 1 above)</i>	_____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	POWERPLANT	Teledyne Continental Motors	TSIO-520-NB	145251-B
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name <u>RAM Aircraft, Limited Partnership</u>		<input type="checkbox"/> U. S. Certificated Mechanic		<input type="checkbox"/> Manufacturer	
Address <u>7505 Karl May Drive</u>		<input type="checkbox"/> Foreign Certificated Mechanic		<input type="checkbox"/> Certified Repair Station	
City <u>Waco</u> State <u>Texas</u>		<input checked="" type="checkbox"/> Certified Repair Station		Airframe Class III, Powerplant Class I	
Zip <u>76708</u> Country <u>United States</u>		<input type="checkbox"/> Certified Maintenance Organization		VA1R551K	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <u>Ronnie Veselka 06/1/11</u>
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	X Inspection Authorization	Other <i>(Specify)</i>

Certificate or Designation No. <u>IA1919185</u>	Signature/Date of Authorized Individual <u>Ronnie Veselka 06/1/11</u>
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NOTICE

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	06/1/11
Nationality and Registration Mark	Date

Engine modified for all operation power rating to 335 HP at 41" MAP and 2700 RPM. Modified in accordance with STC SE4327SW-D Rev. 4. Customer furnished with RAM Overhaul Manual Supplement, Operators Manual Supplement, and Parts Manual Supplement. See specific operating limitations in Aircraft Flight Manual or Supplemental Flight Manual.

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Negligible weight and balance change.

Customer furnished with FAA approved instructions for continued airworthiness for all alterations.

Pertinent details of the above installations are on file under Project No. 5649.

---End---

Additional Sheets Are Attached



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp. 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N5446G	Serial No. 340A0685
	Make Cessna	Model 340A
2. Owner	Name (As shown on registration certificate) Smoky Mountain Air Charter LLC	Address (As shown on registration certificate) Address 775 Randles Rd
		City Strawberry Plains State Tennessee
		Zip 37871 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	Cessna	(As described in Item 1 above)	340A0685
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name	John Calvert	<input checked="" type="checkbox"/>	U. S. Certificated Mechanic	<input type="checkbox"/>	Manufacturer
Address	4917 Big Spring Gap Road	<input type="checkbox"/>	Foreign Certificated Mechanic	<input type="checkbox"/>	
City	Pikeville State Tennessee	<input type="checkbox"/>	Certificated Repair Station	<input type="checkbox"/>	
Zip	37367 Country USA	<input type="checkbox"/>	Certificated Maintenance Organization	<input type="checkbox"/>	3493738

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual John Calvert 08-07-2020
--	--

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. 3493738	Signature/Date of Authorized Individual John Calvert 08-07-2020
--	--

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.)

N5446G

07-AUG-2020

Nationality and Registration Mark

Date

- 1) Introduction: Install J.P. Instruments EDM 790 twin temperature indicating display.
- 2) Description: Removed JP Instruments EDM 760 P/N 760000 Display. Installed JP Instruments EDM 790 Display P/N 760000-6C using existing wiring harness. Installation done IAW J.P Instruments STC# SA00729SE and in reference with J.P Instruments Installation Manual Report No. 760 Rev. NC Dated July 20, 1999.

Inserted EDM-760 AFMS Doc No. 760 Rev. NC Dated August 31, 1999 into the aircraft.

Weight and Balance revised.

Instructions for Continued Airworthiness:

There are no field adjustments and or calibration requirements for the EDM-790 series instrument after initial installation. ICA is not required. Maintenance of non-functioning or malfunctioning components is limited to removal and replacement of JPI factory supplied new or repaired components as described in the troubleshooting section of the installation manual.

- 3) Control Operating Information: Unchanged.
- 4) Servicing Information: Not Applicable.
- 5) Maintenance Instructions: See troubleshooting section of the installation manual.
- 6) Troubleshooting Information: See troubleshooting section of the installation manual.
- 7) Removal and Replacement Information: See troubleshooting section of the installation manual.
- 8) Diagrams: See applicable J.P. Instruments IM Report No. 760 Rev. NC dated July 20, 1999 for EDM 790.
- 9) Special Inspection Requirements: No special inspection requirements apply.
- 10) Application of Protective Treatments: None required for these installations.
- 11) Data: STC# SA00729SE.
- 12) List of Special Tools: None required for this installation.
- 13) Commuter Category Aircraft: Not applicable.
- 14) Recommended Overhaul Periods: None required.
- 15) Airworthiness Limitations: Not applicable.
- 16) Revision: A letter will be submitted to the local FAA FSDO with a copy of the revised FAA Form 337 and Revised ICA when applicable.

-----END-----

Additional Sheets Are Attached



US Department of Transportation
Federal Aviation Administration

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

OMB No. 2120-0020
Exp: 5/31/2018 Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N5446G	Serial No. 340A0685
	Make Cessna	Model 340A Series
2. Owner	Name (As shown on registration certificate) Smoky Mountain Air Charter LLC	
	Address (As shown on registration certificate) Address 775 Randles Rd	
	City Strawberry Plains	State Tennessee
	Zip 37871	Country USA


3. For FAA Use Only

4. Type		5. Unit Identification		
Repair	Alteration	Unit	Make	Model
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	<u>Cessna</u>	(As described in Item 1 above)
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT		
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER		
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type	
			Manufacturer	

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. 3156299
Name Jaret Voshell	Address 969 Hamilton Springs Rd City Lancaster State Kentucky Zip 40444 Country USA	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer	
		<input type="checkbox"/> Foreign Certificated Mechanic		
		<input type="checkbox"/> Certificated Repair Station		
		<input type="checkbox"/> Certificated Maintenance Organization		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual  13/JUN/2019
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	

Certificate or Designation No. 3156299	Signature/Date of Authorized Individual  13/JUN/2019
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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.)

N5446G

13/Jun/2019

Nationality and Registration Mark

Date

Removed: Garmin GTX-330 Transponder P/N 011-00455-00, ACK A30 Encoder and associated wiring/hardware.

Installed: Garmin GTX-345 ADS-B in/out Transponder P/N 011-03302-00 (Kit P/N 010-01216-01) and Garmin GAE12 Altitude Encoder P/N 011-03080-00.

A summary of the modification done to the aircraft as follows:

Installed Garmin GTX-345 Transponder and Garmin GAE12 Altitude Encoder IAW Garmin International, Inc STC# SA01714WI dated May 1, 2013 amended March 8, 2016 and Garmin International, Inc. STC MDL 005-00734-04 Rev. 13 dated April 10, 2019.

The GTX-345 was interfaced to existing Garmin GNS530W and Garmin GAE12 for required GPS and altitude interfaces.

Each interface was checked out IAW the GTX-3XX IM P/N 190-00734-10 Rev 12 dated April 10, 2019.

The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR part 91.227.

Inserted GTX-345 AFMS, P/N 190-00734-15 Rev 3. FAA approved dated December 21, 2017 into the aircraft.

Instructions for Continued Airworthiness:

Follow Garmin GTX-345 MM/ICA P/N 190-00734-11 Instructions for Continued Airworthiness latest revision.

Weight and Balance revised.

-----END-----

Additional Sheets Are Attached



US Department of Transportation
Federal Aviation Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N5446G	Serial No. 340A0685
	Make Cessna	Model 340A Series
2. Owner	Name (As shown on registration certificate) Smoky Mountain Air Charter LLC	
	Address (As shown on registration certificate) Address 775 Randles Rd	
	City Strawberry Plains	State Tennessee
	Zip 37871	Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	<u>Cessna</u>	(As described in Item 1 above)	<u>340A0685</u>
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. 3156299
Name <u>Jaret Voshell</u>	Address <u>363 Hamilton Springs Rd</u> City <u>Lancaster</u> State <u>Kentucky</u> Zip <u>40444</u> Country <u>USA</u>	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer	
		<input type="checkbox"/> Foreign Certificated Mechanic		
		<input type="checkbox"/> Certificated Repair Station		
		<input type="checkbox"/> Certificated Maintenance Organization		


D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual  <u>13/JUN/2019</u>
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Ft. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. 3156299	Signature/Date of Authorized Individual  <u>13/JUN/2019</u>
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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.)

N5446G

13/Jun/2019

Nationality and Registration Mark

Date

Removed: Bendix RT-131A RT P/N 4000763-3101, Bendix IN-152A Radar Indicator P/N 4000946-5201, Bendix DA-144A Antenna Drive P/N 4000790-4406, King KR-87 ADF Receiver P/N 066-1072-00, King KI-227 ADF Indicator P/N 066-3063-00, King KA-25 Isolation AMP P/N 071-2008-00, Bonzer Radar Altimeter P/N A1-76, PS Engineering MB10 Marker and Flite-Tronics PC-125 Static Inverter.

Installed: Garmin GMX200 MFD P/N 011-01465-00.

A summary of the modification done to the aircraft as follows:

Installed Garmin GMX200 MFD IAW Garmin International, Inc STC# SA01692SE dated August 11, 2006 and Garmin International, Inc. STC MDL 005-C0315-00 Rev. E dated March 06, 2015.

The GMX200 was interfaced to existing Garmin GNS530W for required GPS/Altitude and Garmin GTX-345 for TIS/FIS-B.

Interface was checked out IAW the Garmin GMX200 IM 190-00607-04 Rev. J dated February 26, 2015.

Inserted GMX200 AFMS, P/N 190-00607-01 Rev. B FAA approved dated July 13, 2007 into the aircraft.

Instructions for Continued Airworthiness:

Follow Garmin GMX200 ICA P/N 190-0060-00 Instructions for Continued Airworthiness latest revision.

Weight and Balance revised.

END

Additional Sheets Are Attached



US Department of Transportation
Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR 43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This form is required by law (49 U.S.C. 44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. 46301(a))

1. Aircraft	Nationality and Registration Mark N5446G	Serial No. 340A0685	
	Make Cessna	Model 340A	Series
2. Owner	Name (As shown on registration certificate) Scott Snider dba SES Aviation	Address (As shown on registration certificate) 2040 Homestead RD Turner MT 59542-9628	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	XXXXXXXXXXXXXXXXXXXX	(As described in item 1 above)	XXXXXXXXXXXXXXXXXXXX
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address Aerotrionics Inc 1651 Aviation Place Billings MT 59105 USA	B. Kind of Agency <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><input type="checkbox"/> U.S. Certificated Mechanic</td> <td style="width: 40%;"><input type="checkbox"/> Manufacturer</td> </tr> <tr> <td><input type="checkbox"/> Foreign Certificated Mechanic</td> <td>C. Certificate No.</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certificated Repair Station</td> <td>C.R.S. NH2R031L</td> </tr> <tr> <td><input type="checkbox"/> Certificated Maintenance Organization</td> <td></td> </tr> </table>	<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.	<input checked="" type="checkbox"/> Certificated Repair Station	C.R.S. NH2R031L	<input type="checkbox"/> Certificated Maintenance Organization	
<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer								
<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.								
<input checked="" type="checkbox"/> Certificated Repair Station	C.R.S. NH2R031L								
<input type="checkbox"/> Certificated Maintenance Organization									

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <div style="text-align: right; margin-top: -20px;">2-26-13</div>
--	--

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY		FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
		FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. C.R.S. NH2R031L	Signature/Date of Authorized Individual <div style="text-align: right; margin-top: -20px;">2-26-13</div>
--	--

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.)

Cessna 340A N5446G

Installed a Garmin GNS 530W Nav/Comm/WAAS GPS system as per STC SA01933LA-D using the Garmin G500W Series Installation Manual P/N 190-00357-02 Rev G.

The GA 35 WAAS GPS Antenna was installed on the forward top of the fuselage as per STC SA01695SE, using the GA 35 Installation Manual P/N 190-00569-00 and the MYNAH Aircraft Structures approved DER report #2003.

The Garmin GNS 530W Nav/GPS analog deviation outputs were interfaced to the existing King KI 525A H.S.I. indicator and the Cessna 400BIFCS autopilot as per the GNS 500W Series Installation Manual and the King KCS 55A H.S.I. and Cessna autopilot wiring diagrams.

The GNS 530W was interfaced to the NAT AMS 44 audio panel for com and nav inputs as per the GNS 530W and NAT AMS 44 installation manuals.

The GNS 530W was interfaced to the Garmin GTX 330 transponder as per the GNS 530W installation manual and the GTX 330 installation manual p/n 190-00207-02 rev S for mode C input and start/stop functions.

The existing avionics cooling fan was used for cooling of the GNS 530W.

The weight and balance and equipment list was updated.

The work was accomplished as per the manufacturers' Installation Manuals, AC 20.138c and acceptable practices of AC 43.13 1B & 2B. An electrical load analysis was completed as per AC 43.13 1B Chapter 11 section 3 para 11-30 thru 11-32 and the installation was found to have no negative affect on the electrical load capability of the electrical system.

The aircraft was ground and flight checked for operations of the GNS 530W as per the Garmin G500W Series Installation Manual and the GNS 530W system was found to meet the IFR requirements of the AC 20.138c and the Garmin Specifications for GPS approved primary navigation under TSO C146a. A copy of the checkout log was included with the aircraft records. A FAA approved Flight Manual Supplement Garmin P/N 190-00357-03 Rev B for the GNS 530W was placed into the Aircraft Flight Manual and must be in the aircraft for all operations of the GNS 530W.

The continued airworthiness documents for the GNS 530W and GA 35 Antenna are in the Garmin document P/N 190-00357-65 Rev B and P/N 190-00673-01 Rev F and they were placed into the aircraft permanent records.

----- E N D -----

Additional Sheets Are Attached



U.S. Department of Transportation
Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. §46301(a)).

1. Aircraft	Nationality and Registration Mark N5446G	Serial No. 340A0685	
	Make CESSNA	Model 340A	Series
2. Owner	Name (As shown on registration certificate) HAYES AVIATION LLC	Address (As shown on registration certificate)	
		Address 515 N. 19TH ST City FARGO State ND Zip 58102 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name	TRENT TEETS	<input checked="" type="checkbox"/>	U.S. Certificated Mechanic
Address	707 5TH AVE W	<input type="checkbox"/>	Foreign Certificated Mechanic
City	WEST FARGO State ND	<input type="checkbox"/>	Certificated Repair Station
Zip	58078 Country USA	<input type="checkbox"/>	Certificated Maintenance Organization
			Manufacturer
			C. Certificate No.
			A&P 2886740

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B Signature/Date of Authorized Individual TRENT TEETS 12/16/2014

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. 2886740IA		Signature/Date of Authorized Individual TRENT TEETS 12/16/2014		

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.)

N5446G

Nationality and Registration Mark

12/16/2014

Date

REMOVED SDI HOSKINS FUEL FLOW SYSTEM.

INSTALLED JPI EDM 760 AND FUEL FLOW I/A/W STC SA00729SE INSTALLATION INSTRUCTIONS, REPORT #760 AND APPENDIX A DATED 7/20/99.

SEE REPORT 760 FOR ICAS. WEIGHT AND BALANCE NEGLIGBLE.

END

Additional Sheets Are Attached

US 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).

1. Aircraft	Make	Model
	Serial No.	Nationality and Registration Mark
2. Owner	Name (As shown on registration certificate)	Address (As shown on registration certificate)

3. For FAA Use Only

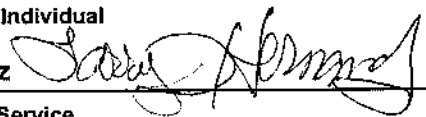
4. Unit Identification					5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration	

AIRFRAME	(As described in item 1 above)				
POWERPLANT	Teledyne Continental Motors	TSIO-520-NB	217643-72K		X
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
RAM AIRCRAFT, LIMITED PARTNERSHIP P. O. BOX 5219 WACO, TEXAS 76708	<input type="checkbox"/> U. S. Certificated Mechanic	AIRFRAME CLASS III POWERPLANT CLASS I VA1R551K
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

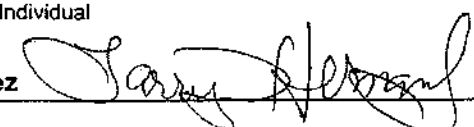
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and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

Date	Signature of Authorized Individual
September 8, 2003	Larry D. Hernandez 

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	Inspection Authorization	OTHER (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
September 8, 2003	CRS VA1R551K	Larry D. Hernandez 

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.)

Cessna 340A0685 N5446G

Dated 9-08-03 Engine Previous Total: 2120.00

Engine modified for all operation power rating to 335 HP at 41" MAP and 2700 RPM I/A/W RAM Report No. 91-5 dated 4/30/91. Modified in accordance with STC SE4327SW, Rev. 4. Customer furnished with RAM Overhaul Manual Supplement, Operators Manual Supplement and Parts Manual Supplement. See specific operating limitations in Aircraft Flight Manual or Supplemental Flight Manual.

Engine modified by installation p/n S539800M30 starter adapter spring I/A/W Aircraft Specialties Services, Inc. S539800 Spring Installation Instructions No. 1101-1 dated February 15, 2000 per STC SE09846SC.

Installed Slick pressurized magnetos p/n 6320 per Dwg. 1036, Rev. Z dated 9/20/02 I/A/W STC SE4651SW.

Installed spring loaded induction hose clamps per Dwg. 1171, Rev. B dated 5/24/00 I/A/W STC SE3632SW.

Installation mechanic must complete Block 1 and 2 on reverse side and mail one copy to their local FSOD.

Negligible weight and balance change.

Customer furnished with FAA approved Overhaul and Parts Manual Supplements for all alterations.

Pertinent details of the above installations are on file under Project #1006/10310.

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US 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).

1. Aircraft	Make	Model
	Serial No.	Nationality and Registration Mark
2. Owner	Name (As shown on registration certificate)	Address (As shown on registration certificate)

3. For FAA Use Only

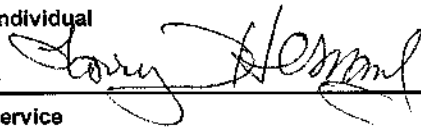
4. Unit Identification		5. Type	
Unit	Make	Model	Serial No.
AIRFRAME	(As described in Item 1 above)		
POWERPLANT	Teledyne Continental Motors	TSIO-520-NB	217643-72K
PROPELLER			
APPLIANCE	Type		
	Manufacturer		

Repair	Alteration
	X

6. Conformity Statement


A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
RAM AIRCRAFT, LIMITED PARTNERSHIP P. O. BOX 5219 WACO, TEXAS 76708	<input type="checkbox"/> U. S. Certificated Mechanic	AIRFRAME CLASS III POWERPLANT CLASS I VA1R551K
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" 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	Signature of Authorized Individual
September 8, 2003	Larry D. Hernandez 

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	Inspection Authorization	OTHER (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual		
September 8, 2003	CRS VA1R551K	Larry D. Hernandez 		

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.)

Cessna 340A0685 N5446G

Dated 9-08-03 Engine Previous Total: 2120.00

Engine modified for all operation power rating to 335 HP at 41" MAP and 2700 RPM I/A/W RAM Report No. 91-5 dated 4/30/91. Modified in accordance with STC SE4327SW, Rev. 4. Customer furnished with RAM Overhaul Manual Supplement, Operators Manual Supplement and Parts Manual Supplement. See specific operating limitations in Aircraft Flight Manual or Supplemental Flight Manual.

Engine modified by installation p/n S539800M30 starter adapter spring I/A/W Aircraft Specialties Services, Inc. S539800 Spring Installation Instructions No. 1101-1 dated February 15, 2000 per STC SE09846SC.

Installed Slick pressurized magnetos p/n 6320 per Dwg. 1036, Rev. Z dated 9/20/02 I/A/W STC SE4651SW.

Installed spring loaded induction hose clamps per Dwg. 1171, Rev. B dated 5/24/00 I/A/W STC SE3632SW.

Installation mechanic must complete Block 1 and 2 on reverse side and mail one copy to their local FSOD.

Negligible weight and balance change.

Customer furnished with FAA approved Overhaul and Parts Manual Supplements for all alterations.

Pertinent details of the above installations are on file under Project #1006/10310.

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