



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 07/31/2026

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 N2943T	Serial No. 346		
	Make Aero Commander	Model 200D	Series	
2. Owner	Name (As shown on registration certificate) Clark Youngs		Address (As shown on registration certificate) Address 17100 SAFETY ST STE 210	
	N2943T LLC		City FORT MYERS	State FL
			Zip 33908-7507	Country

3. For FAA Use Only

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

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. 4093622
Name James Menuiez	Address 7896 5TH PL City Lehigh Acres State FL Zip 34142 Country United States	☒ U. S. Certificated Mechanic	Manufacturer	
		☐ Foreign Certificated Mechanic		
		☐ Certificated Repair Station		
		☐ 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 ☐

Signature/Date of Authorized Individual

James Menuiez 07/07/2025

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	☒ Inspection Authorization	

Certificate or Designation No.

4093622

Signature/Date of Authorized Individual

James Menuiez 07/07/2025

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

N2943T

7/7/25

Nationality and Registration Mark

Date

Performed conformity and airworthiness inspection on currently installed Garmin GNS530, and Garmin GI106A.

Unit was installed 15 Feb 2023.

Unit was found to be installed correctly IW Garmin 500 Series Installation Manual (P/N: 190-00191-02), Rev Q, Dated Nov 2005, and Garmin GI106A Installation Manual (P/N: 190-00180-00 Rev C, Dated April 2001).

Weight and Balance calculated and updated.
Equipment list updated.

END

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

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.

1. AIRCRAFT	MAKE <i>AERO-COMMANDER</i>	MODEL <i>200D</i>
	SERIAL NO. <i>346</i>	NATIONALITY AND REGISTRATION MARK <i>N2943T</i>
2. OWNER	NAME (As shown on registration certificate) <i>FAA HWY PATROLE</i>	
	ADDRESS (As shown on registration certificate) <i>NE 16 KIRKMAN BLVD TALLAHASSEE, FLA.</i>	

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS <i>SOWELL AVIATION CO INC PO BOX 1490 PANAMA CITY FLA 32401</i>	B. KIND OF AGENCY		C. CERTIFICATE NO. <i>5326 RADIO</i>
	☐ U.S. CERTIFICATED MECHANIC		
	☐ FOREIGN CERTIFICATED MECHANIC		
	☒ CERTIFICATED REPAIR STATION		
		☐ MANUFACTURER	

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

DATE <i>4-16-73</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Ronnie E. Smith</i>
------------------------	--

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 FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE <i>X</i>	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION <i>4-16-73</i>		CERTIFICATE OR DESIGNATION NO. <i>5326 RADIO</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Ronnie E. Smith Chief Inspector</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.

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

WEIGHT + BAL DATA BROUGHT UP TO DATE
TO SHOW

1 - NARCO AT 50A SR # 22892 INSTALLED.
UNIT WAS INSTALLED IN PAVED SPACE WHERE
CALLED FOR BY FACTORY INSTALLED IN ACCORDANCE
WITH FAA ADVISORY CIRCULAR 43-13-2 - CHAPTER
1-2 and 3.

UNIT WAS CHECKED OUT AFTER INSTALLATION.
THE ADDED COMPUTED LOAD DOES NOT EXCEED
20% OF GENERATOR CAPACITY.

HOG BOOK ENTRY MADE RE-THIS WORK

new wt 1.88 moment
2138.2 27.2 592199.5

new useful load
261.7 See Log.

☐ ADDITIONAL SHEETS ARE ATTACHED

FEDERAL AVIATION AGENCY

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)Form Approved
Budget Bureau No. 04-R060.1

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.

1. AIRCRAFT	MAKE Aero Commander	MODEL 200D
	SERIAL NO. 346	NATIONALITY AND REGISTRATION MARK U.S. N 2943 T
2. OWNER	NAME (As shown on registration certificate) Colt Aviation Corporation	ADDRESS (As shown on registration certificate) Box 507 Flying W. Ranch Medford, New Jersey

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE
AIRFRAME	*****	(As described in item 1 above)*****		REPAIR X ALTER- ATION

POWERPLANT

PROPELLER

APPLIANCE

TYPE

MANUFACTURER

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS

Aero Commander, Inc.
Albany, Georgia

B. KIND OF AGENCY

U.S. CERTIFICATED MECHANIC

FOREIGN CERTIFICATED MECHANIC

X CERTIFICATED REPAIR STATION

MANUFACTURER

C. CERTIFICATE NO.

5218

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

8/9/67

SIGNATURE OF AUTHORIZED INDIVIDUAL

Raymond Egan

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 Agency and is ☒ APPROVED ☐ REJECTED

FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
FAA DESIGNEE	X REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 8/9/67	CERTIFICATE OR DESIGNATION NO. 622730	SIGNATURE OF AUTHORIZED INDIVIDUAL Raymond Egan	

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.

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

Item #1-replaced L/H outer wing panel with factory new panel Part No. 61R001, Serial No. 384. All work completed in accordance with factory recommendations.

Item #2-replaced L/H c/wskin Part No. 61D061 with factory new skin - all rivet sizes, spacing and pattern as original to blueprint No. 61R002. Workmanship meets with AC 43.13-1 and good mechanical practices. Weight and Balance and Operation Manual remain the same. Aircraft test flown for above work.

-----END-----

☐ ADDITIONAL SHEETS ARE ATTACHED

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

Form Approved
 Budget Bureau No. 04-R060.1
 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.

1. AIRCRAFT	MAKE	Aero Comander	MODEL	200-D
	SERIAL NO.	345	NATIONALITY AND REGISTRATION MARK	N-2943-T
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)	
	Florida State Turnpike Authority State of Florida		Okeechobee Rd. & Turnpike P.O.Box 1909 West Palm Beach, Fla.	

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					X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS

John L. Van Antwerp
 898 Peeples St.
 West Palm Beach, Fla.

B. KIND OF AGENCY

☒ U.S. CERTIFICATED MECHANIC
☐ FOREIGN CERTIFICATED MECHANIC
☐ CERTIFICATED REPAIR STATION
☐ MANUFACTURER

C. CERTIFICATE NO.

A&P 1334641

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

5-9-68

SIGNATURE OF AUTHORIZED INDIVIDUAL

John L. Van Antwerp

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 Agency and is ☒ APPROVED ☐ REJECTED

FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	☒	INSPECTION AUTHORIZATION		OTHER (Specify)
	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION	FAA DESIGNEE	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		

5-9-68

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.

Identify with air-

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Attach additional sheets. If more space is required, attach additional sheets.)

Installed Narco Mark 12 with VOA4 pad. Panel unit installed in lower center of instrument panel as shown in AC 43.13-2 figure 2.2, using 4 #8 screws and nuts. VOA4 installed in center of pilots instrument panel with 3 #6 machine screws. Power supply mounted on floor board under pilots seat as shown in AC 43.13-2, figure 2.6, using 4 #10 machine screws, stop nuts, and flat washers. Whip antenna mounted on cabin roof at station 54.0 as shown in AC 43.13-2 figure 2.7, using 2 AN 4-5 bolts and stop nuts. Mounted antennas for radio. Control for radios mounted on cockpit floor at station 27.0 using 2 AN 4-5 bolts and stop nuts. One at station 127.0 and one Motorola radio on top of fuselage, one at station 127.0 and one at station 143.0, as shown in AC 43.13-2 figure 2.3. Electrical circuits for both radios protected by fuses.

Installed marker beacon antenna VMA-1 on bottom of fuselage at station 12.0 according to equipment manufacturer's recommendations. This antenna is for previously installed radio.

All cables and wires tied and secured to prevent chafe. An electrical load analysis indicated a possible continuous load of 50 AMPS. This exceeds 80% of rated generator capacity which is 50 AMPS. Therefore, aircraft has been blockarded "turn off one radio or rotating beacon when pilot heat in on". Compass swing, weight and balance and equipment list revised.

☐ ADDITIONAL SHEETS ARE ATTACHED