

DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION STANDARD AIRWORTHINESS CERTIFICATE			
1. NATIONALITY AND REGISTRATION MARKS <b>N7285L</b>	2. MANUFACTURER AND MODEL <b>Crumman American AA-5</b>	3. AIRCRAFT SERIAL NUMBER <b>AAS-0285</b>	4. CATEGORY <b>Normal/ Utility</b>
5. AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable requirements and detailed airworthiness code as provided by Annex B to the Convention on International Civil Aviation, except as noted below. <b>NOTES</b>			
6. CONDITIONS This certificate is issued subject to the conditions that, if the certificate is ever surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this certificate is effective as long as the maintenance, preventive maintenance, and alterations are in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the registered in the United States.			
7A. REPRESENTATIVE <b>Kent A. Valentino</b>		7B. DESIGNATION NUMBER <b>DOA AA-1 (PC 112)</b>	
Use, or release of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH FEDERAL AVIATION REGULATIONS.			
FORMERLY FAA FORM 1362			

REGISTRATION NOT TRANSFERABLE	
UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION CERTIFICATE OF AIRCRAFT REGISTRATION	
NATIONALITY AND REGISTRATION MARKS <b>N 7285L</b>	AIRCRAFT SERIAL NO. <b>AAS-0285</b>
MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT <b>CRUMMAN AMERICAN AVN. CORP. AA-5</b>	
ICAO / <b>52342126</b>	
ISSUED DATE BY	

SHIP/

Radio Service	FAA
AIRCRAFT	Exp/
Effective Date	DL-
01-19-93	Name
Ship Station Identity	INDU
Frequencies and Special Cor PRIVATE AIRCRAFT	

FAM RECORDS BRANCH  
3-18-24  
N7285L

LOG  
BOOKS

AIRFRAME LOG # 2 OPENED 8-13-88

R2 Myer

A+P1749627



DATE: 3/2/2009  
A/C TSN: 1755.78  
TACH: 1755.78

MAKE: Grumman  
MODEL: AA5  
S/N: AA5-0285  
REG. NO: N7285L  
WORK ORDER:  
518-10-2008

### Yulista Aviation

Repair Station No. YUTR874Y  
190 Bolling Road  
Meridianville, Alabama 35759  
Phone: (256) 828-8286

### Airframe Entries

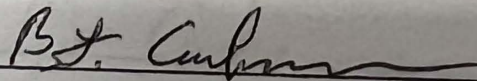
Completed Airframe Annual Inspection per Yulista Annual/100 Hour Aircraft Inspection Checklist, Yulista Form AVN-45, and Manufacturer's Service Manual..Tested ELT unit per FAR 91.207(d). Battery replacement due 03/2012..Installed new inboard and outboard elevator hinge bearings, both R/H and L/H elevator, IAW service kit SK-121A. Installed new inboard and outboard aileron hinge bearings, both R/H and L/H ailerons, IAW service kit SK-121A...Removed L/H wing nav light receptacle, cleaned ground contact, and reinstalled..Replaced R/H magneto P-lead terminal..Removed battery, charged, serviced, and reinstalled..Inspected and serviced all wheel bearings with aeroshell 5 grease..Cleaned R/H outboard fuel sump, and verified proper operation..C/W AD 79-22-04 "Aileron Oscilation" By replacement of worn control surface bearings IAW Service kit 121A. Next Due Tach 1833.84..C/W AD 76-07-12 R1 "Ignition switch" By operational check. Next Due Tach 1855.78..AD 95-19-15 R1 "Shoulder Bolts" Compliance next due Tach 2233.84..See AD compliance report dated 02/24/2009..Operated aircraft on ground. All systems indicate functioning satisfactory

### Maintenance Release

The aircraft and/or component(s) on N7285L was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 518-10-2008, Dated 3/2/2009.

DATE: 3/2/2009

SIGNED:



Work Order: 518-10-2008

Printed by EBis 3 (datcomedia.com)



F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS &amp; DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	
7-31-2021	1761.5	Removed engine Ser L-33042-27A for overhaul. Mike Fields A/P 3248355
12-18-2021	1761.5	Installed Lycoming engine Ser L-33042-27A Mike Fields A/P 3248355
01-12-2022	1761.5	Removed & Replaced battery with new G11 25 battery. Mike Fields A/P 3248355



F.A.R. 43.11 - 91.217

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

1/13/2022 1763.14 tack, 1763.14 total, Weighed aircraft and computed empty weight as 1375.5 lbs, moment as 112460.5 in lb, CG as 81.76 in, new usefull load is 824.5lb with a gross weight of 2200 lb, complied with AD 2021-14-12 by inspection of the elevator and horizontal stabilizer per SB195, tested ELT per FAR 91.207, I certify that this aircraft has been inspected in accordance with an annual inspection using FAR43 appendix D and was found to be in an airworthy condition. Ronald D. Poor AP/IA

2048253

*Ronald D Poor*

1-14-2022 1763.14 Tach, 1763.14 Total, Replaced  
flashing beacon Light bulb, replaced several  
vacuum hoses, replaced Left Nav Light Left side.  
Mike Fields AIP 3248355



DATE

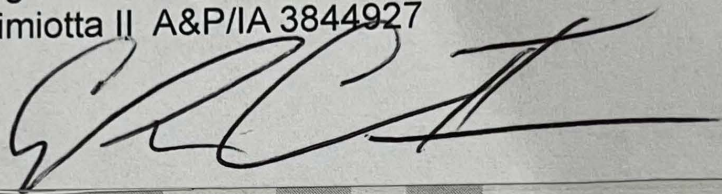
AIRCRAFT TIME  
IN SERVICE

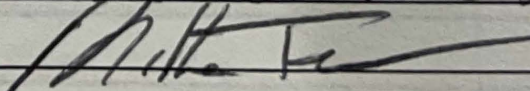
SIGNATURE — CERT. NO. OF PERSON APPROVING

DATE

**N7285L 05/15/2022 Tach:1778.08**

Installed Uavionix TailBeacon for ADS-B out compliance IAW  
Uavionix TailBeacon install manual and AC 43.13 and FAR  
43. See Form 337 dated this date for pertinent data. Weight  
change negligible. Configuration and ops check satisfactory.  
Charles R Cimiotta II A&P/IA 3844927



2-1-23 TACH 1807.14 Performed Annual Inspection per 43.13 D. Removed panel  
C/w AD 76-07-12 R1 By function test. Switch is operating within  
AD 95-14-15 R1 Due TACH 2233.84. Performed compression test.  
Checked ADs all current at this time. Lubricated all hinges  
and controls. Aircraft approved for return to service for the  
work performed above.  AP 2713003IA



# Altimeter Test Checklist for Logbook

Test Alt

Ft.	Tol	Actual +/- Ft	Friction	Tol	Actual +/-	Case Leak
-1000	20	-5	1000	70		18k +/-100
0	20	0	2000	70		-45
500	20	+10	3000	70		Hysteresis
1000	20	+10	6000	70		+/-75
1500	25	+10	10000	80		40%-5
2000	30	+10	16000	90		50%-5
3000	30	+15	20000	100		After Eff
4000	35	+15	25000	120		+/-30 Ft
6000	40	+20	30000	140		8
8000	60	+25	35000	160		DCM
10000	80	+30	40000	180		W.O. #
12000	90	+40	45000	200		1074
14000	100	+50	Baro Scale Error			
16000	110	+50	Tol +/-25 Ft			
18000	120	+40	In Hg	Act		
20000	130	+60	28.10	+10		
22000	140		28.50	+10		
25000	155		29.00	0		
30000	180		29.50	-10		
35000	205		29.92	0		
40000	230		30.50	+10		
45000	255		30.90	0		
50000	280		30.99	0		

Owner

A/C Reg

Aircraft

STARF  
N7185L  
863.7  
TAN

Remarks:

SKYKING AVIATION, LLC.  
REPAIR STATION # 2ZSR212C

Inspector

Date

4-2-24  
Aspen

734-891-9110



DATE AIRCRAFT TIME  
IN SERVICE

F.A.R. 43.11-91.217  
KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

I certify that the ATC transponder was tested and inspected per FAR 91.413 on  
1/30/24 and found to comply with Part 43 Appendix F. Transponder  
make/model AT50A. Automatic altitude reporting  
equipment was tested and calibrated per FAR 91.411 on 1/30/24 in  
compliance with Part 43 Appendix E paragraph C to VFL feet.  
Work Order Number 1053

Signature

Skyking Aviation  
734-891-9110

N7285L

FAA Certified Repair Station #2ZSR121C

I certify that the altimeter and static systems were tested and  
inspected per FAR 91.411 on 4/12/24 and found to comply  
with Part 43 Appendix E paragraph A and B. Altimeter tested to  
20K feet.

Work Order Number 1074

Signature

Skyking Aviation

734-891-9110

FAA Repair Station #2ZSR121C

I certify that the ATC transponder was tested and inspected per FAR 91.413 on  
4/12/24 and found to comply with Part 43 Appendix F. Transponder  
make/model AT50A. Automatic altitude reporting  
equipment was tested and calibrated per FAR 91.411 on 4/12/24 in  
compliance with Part 43 Appendix E paragraph C to 20K feet.

Work Order Number 1074

Signature

Skyking Aviation

734-891-9110

FAA Certified Repair Station #2ZSR121C



DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

ENGINE MODEL:  
O-320-E2G  
ENGINE S/N L-33042-27A  
REG. NO: N7285L  
WORK ORDER:  
518-10-2008

### Yulista Aviation

Repair Station No. YUTR674Y  
190 Bolling Road  
Meridianville, Alabama 35759  
Phone: (256) 828-9286

DATE: 3/2/2009  
A/C TSN: 1755.78  
ENG TT: 1755.78  
TSMOH: 1755.78  
TACH: 1755.78

### Engine Entries

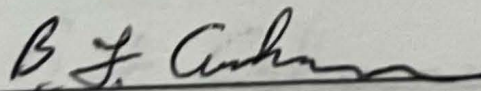
Completed Engine Annual inspection using Yulista Aviation form AVN-45 Annual/100hr inspection checklist and manufacturer's Service Manual. Performed differential compression cylinder test with readings as follows: #1)75 #2)73 #3)75 #4)71 over 80 psi. Cleaned and regapped all spark plugs and reinstalled using new M674 gaskets..Drained oil, removed and inspected oil filter with no defects noted. Installed new oil filter CH4811E-1, torqued and saftied. Serviced engine with 8 qts Aeroshell 15W50..Removed exhaust system, inspectet, cleaned, and reinstalled using new 77611 gaskets..Stop drilled crack in engine baffeling around cylinder #4..Rerouted engine primer line near R/H lower lord Mount..Removed and replaced engine induction air filter F/N BA4108..See AD compliance report dated 02/24/2009..Operated engine on ground, all systems indicate functioning satisfactory, and detected no leaks at this time

### Maintenance Release

The aircraft and/or component(s) on N7285L was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 518-10-2008, Dated 3/2/2009.

DATE: 3/2/2009

SIGNED:



Work Order: 518-10-2008

Printed by EBis 3 (datcomedia.com)





## Valley Aircraft Services

6136 Main Street  
Mount Jackson, VA 22842

Engine Model: O-320-E2G  
Engine S/N: L-33042-27A

Date 10/26/2021 Engine TT N/A SMOH "0"

### ENGINE LOG

Engine disassembled at this time for overhaul. All parts magnaflux, visually, or zygo inspected. Installed overhauled crankcase P/N: 72081/2, S/N: 2467 (Crankcase Services, Inc. FAA Repair Station number H1HR0960, W/O# 34031). Installed new main and rod bearings P/N: SL68763A M006 and SL61662A M003. Installed 4 Overhauled Chromed Lycoming cylinder assemblies P/N: LW12416N1 with new Piston pins P/N: SL13444-1. Installed Overhauled camshaft P/N: 76097 S/N: R56043-5 (Rick Romans, Inc. FAA Repair Station number BE2R713K, W/O# 56043) and lifters P/N: 72877. Engine assembled using new Lycoming gasket and seal kit P/N: 69371-1. Installed New Magnetos P/N: ES4371 S/N: J-K08138 and P/N: ES4370 S/N: J-K10026. Complied with AD 2004-10-14 C1 by the installation of new crank gear bolt IAW SB 475, next due at prop strike or overhaul. All work completed in accordance with Textron Lycoming overhaul manuals.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and/or inspected in accordance with current Regulation of the Federal Aviation Agency and is approved for return to service for the work performed.

Signed \_\_\_\_\_

Thomas Schwietz  
A&P # 2677708



# INSPECTION RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

1/13/2022 1763.14 tack, 1763.14 total, 0 SMOH, The engine has been overhauled and reinstalled, I certify that this engine has been inspected during the aircraft annual inspection using FAR43 appendix D and was found to be in an airworthy condition.  
Ronald D. Poor AP/IA 2048253 *Ronald D. Poor*

1-14/2022 1763.14 Tach, 1763.14 total, 0 SMOH, The engine serviced with 8 qts of 100 mineral oil, oil cooler hoses replaced, performed run-up.

*Mike Fields AIP 3248355*

TACH 1807.19 2-01-23

Performed Annual Inspection per 43.13 D. Drained oil serviced with 6 qts of oil and filter supplied by owner. Tighten fuel lines as needed. Tighten Alternator bolt and install missing safety wire. Clean spark plugs. Compressions #1 79/80 #2 79/80 #3 79/80 #4 79/80 Engine approved for return. Performed above. *Mike Per AP 273007A*



A.D. COMPLIANCE

WEIGHT & BAL. EQUIP. LIST

AA Form 337

AD

COMPLIANCE



# HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

Year: _____	Total Time in Service	Description
Date: _____		
Next Inspection Due: _____	Time Since Overhaul	
<p>1/13/2022 1763.14 tack, 1763.14 total, <sup>291</sup><del>1763.14</del> SOH, The propeller has been overhauled and reinstalled, I certify that this propeller has been inspected during the aircraft annual inspection using FAR43 appendix D and was found to be in an airworthy condition. Ronald D. Poor AP/IA 2048253 <i>Ronald D Poor</i></p>		
Year: _____	Total Time in Service	Description
Date: _____		
Next Inspection Due: _____	Time Since Overhaul	
<p>2-1-23 TACH: 1807.14 Performed Annual Inspection on Prop per 43.13 Do No defects at this time. Approved for return to service. <i>AP 273003IA</i></p>		
Year: _____	Total Time in Service	Description
Date: _____		
Next Inspection Due: _____	Time Since Overhaul	
<p>Mech. Cert. # or Repair Station # _____</p>		