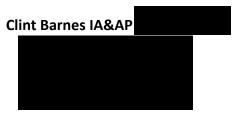
#### **Clint Barnes Aircraft Inspections**



This V35B Beechcraft S/N D-9194 N3958A Continental IO 550 was brought to me at 76F to my personal hangar for a Annual Inspection on 8/18/2020. The Aircraft was flown by its new owner Rick Hinton, the owner talked to me immediately after the flight and talked about how good the engine ran at all RPMS from idle to full throttle. His opinion was "it was a rocket ship". Exterior paint in very good condition, skin and structure in very good condition, no damage and no corrosion. Windows were clear and good condition, Prop was new 3 blade Hartzell. Fuel tanks were not leaking, Fuel was drained and each tank was filled and checked for leaks. Fuel gauges were tested at that time, and verified working full to empty. Fuel caps had small leak. Fuel lube was put on O-rings and O-rings were ordered. The engine had good compressions in upper 70's. Fine wire spark plugs were installed. Mag were older BENDIX with 2 impulse couplings mags were sent out for 500 hour inspection. Wire harnesses were replaced with Kelly Aerospace, harnesses, air filter were replaced. Oil and filter changed and new oil was Aeroshell W100 and filter was installed CH48109-1, cut open and old filter only carbon was found. Engine controls in good condition and functioning. Fuel selector was labeled properly only 3 positions, no leaks found instrument panel was complete and functional, Gauges were all working. Placards were installed. Dual yoke installed and in good condition. Pilot did not report any bad flight characteristics. Cables and rigging were in good condition wing seals were old and replaced w/new from Performance Aero. Seats, seat belts and shoulder harness in good condition. ELT battery was expiring, replaced battery pack and function tested as per far 91.207 Apen (D) good. Landing gear had good appearance and was not leaking fluid. Landing gear had good appearance and was not leaking fluid, RH tire was worn and was replaced with new, brakes were in good condition and functioning properly. Fluid Res. Was filled full of 5606 Hyd. Fluid. Hoses were new braided stainless steel, landing gear retraction mechanism, gear Box, Rods, Springs, Rollers were all in good condition and functioning properly. Engine Components were in good condition and no leaks. Hoses were newer with fire sleeve. Routing was proper with now issues, No Debris was found in fuel filters and system was sumped with some water was found. Fuel Injectors were inspected and clean. Engine was ground test run with no issues, fuel and oil press was good and engine ran smooth at all power settings, max power was good, and no issues. Prop and Gov, were function tested good, Note at previous annual "Tip Tanks were removed and all fuel lines were secured. Fuel selector was removed and resealed and installed and leak checked" Fuel placard only showed 3 positions, that means it still was a 5 position selector but placard for 3. There is a switch near the placard, this switch near the placard, this switch was probably used to transfer fuel on the old system with a transfer pump. I did not use the switch during the annual because the system did not exist and was deactivated at the previous annual inspection. At the time of crash This A/C was brought to me for a vac, pump, replace. My opinion this aircraft was safe aircraft at the time that it left my hanger on 9/13/2020 it was flown for hours with no issues and no complaints by the owner. I would have flown this aircraft with no hesitance with my family.

AD 94-20-04 Visual Insp. Of V-tail and fuse, BLKHDS

AD 76-07-12 C/W Ignition Switch Insp.

AD 95-04-03 Wing Spar Carry Through

AD 2007-08-08 Uplock Roller

AD 2001-23-10 Flap flex Shaft Assys

AD 2001-08-08 V-Band Exhaust Clamps

AD 97-14-15 Cabin Side Door and Utility Door Handle

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15
WHERE IT STARTS

PARTS

QTY PART NO. DESCRIPTION 1 ea 10-349263\* Packing AIRCRAFT IGNITION SERVICES, LLC 1 ea 10-92815-37\* Retaining Ring HONEY GROVE, TX 75446 1 ea 10-50752\* Felt Washer 1 00 10-163374\* Felt Strip 10-160844\* Name: Rick Hinton 1 ea Carbon Brush Phone: 10-391213\* Address: 1 ea Screw Email: 10-90751-18\* Zip: Tea Cotter Pin City: Wills Point State: TX 75169 10-163178\* Drive Shaft Nut. 1.ea 1 ea 10-3793\* Make: P/N: S/N: Lock Washer Component: Model: 10-90788-5\* 1 ea Woodruff Key Magneto Bendix S6RN-1225 10-349350-4 E091522 10-92815-62\* 7.66 Retaining Ring 10-353060\* REPAIR ORDER INSTRUCTIONS 1 ea Roller Bearing 1 ea 10-349276\* P.I. performed. Overhauled in accordance with Continental Ignition Systems Service Manual X42001-2. Capacitor 10-382584\* 1 ea Contact Assembly Replaced breaker cam due to wear. Bench tested magneto. 10-349511\* 1 68 Felt Washer Complied with the following: SB669, CSB665A, CSB664, SB658, MSB644, SB631, SB556C, CSB-04-5A, SB15-1, AD74-26-09 10-53397\* 1 1111 Washer AD94-01-03 R3, AD94-06-09 10-353050\* 1 on Bearing An Airworthiness Directive or Service Bulletin may apply to the article(s) described herein for installation. 1.00 10-4000009\* Data Plate The installer is responsible for ensuring complete compliance with any applicable Airworthiness Directive or Service Bulletin. (Included in AIS Parts Kit #1200-OH) 10-349243-2 1 ea Breaker Cam MAINTENANCE RELEASE The component identified above was inspected and repaired in accordance with current Federal Aviation

Regulations and is approved for return to service. Pertinent details of the repair are on file at Aircraft Ignition / Services, LLC under work order number 4828

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Date: 01-Sep-2020

Work Order: 4828

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Work	Order:	4829

		PARTS	1	/				Work Order	; 4829
QTY	PART NO.	DESCRIPTION	1	-					
1 ea	10-349263*	Packing		Alto	CRAFT IGNITION SI	RVICES, LLC			
1 ea	10-92815-37*	Retaining Ring		HO	NEY GROVE, TX 754	46			
1 03	10-50752*	Felt Washer	70.40	1	ter dispres in ran				
1 es	10-163374*	Felt Strip	WHERE IT'S	TARTS	-				
1.00	10-160844*	Carbon Brush	Name: Rick Hinton					Phone	
1 ea	10-391213*	Screw	Address:					Email:	
1 00	10-90751-18*	Cotter Pin	City: Wills Point		State: TX	Zip:	76169		
1 08	10-51643*	Drive Shaft Nut	1-1-						
You	10-3793*	Lock Washer	Component:	Make:	Mo	del:	P/N:		S/N:
1 ea	10-90788-5*	Woodruff Key	Magneto	Bend	ix	S6RN-1225		10-349350-5	E091367
1 on	10-92815-62*	Retaining Ring							-
1 00	10-353060*	Roller Bearing	Marie Control		REPAIR C	RDER INSTRU	CTIONS	RES.	Tel Sel Sel
1.ea	10-349276*	Capacitor	P.I. pe	rformed. Overhaule	d in accordance	with Continental Ign	nition Syst	ems Service Man	ual X42001-2.
1 ea	10-382584*	Contact Assembly		Rep	laced breaker car	n due to wear. Ber	ich tested	magneto.	
t ea	10-349511*	Felt Washer	Complied with the	following: SB669, C	SB665A, CSB66	4, SB658, MSB644	4, 58631,	SB556C, CSB-04	-5A, SB15-1, AD74-26-09
1 ea	10-353056*	Bearing			AD94	01-03 R3, AD94-0	6-09		
1 ea	10-400009*	Data Plate	An Airy	An Airworthiness Directive or Service Bulletin may apply to the article(s) described herein for installation.			for installation.		
		(Included in AIS Parts Kit #1200-OH)	The installer is re	esponsible for ensur	ing complete con	pliance with any a	pp@cable	Airworthiness Dire	ctive or Service Bulletin.
tea	10-349243-2	Brenker Carn							
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			Thu dominion	ot identified ab-		TENANCE RELEA		forming outsile accept	nt Federal Aviation

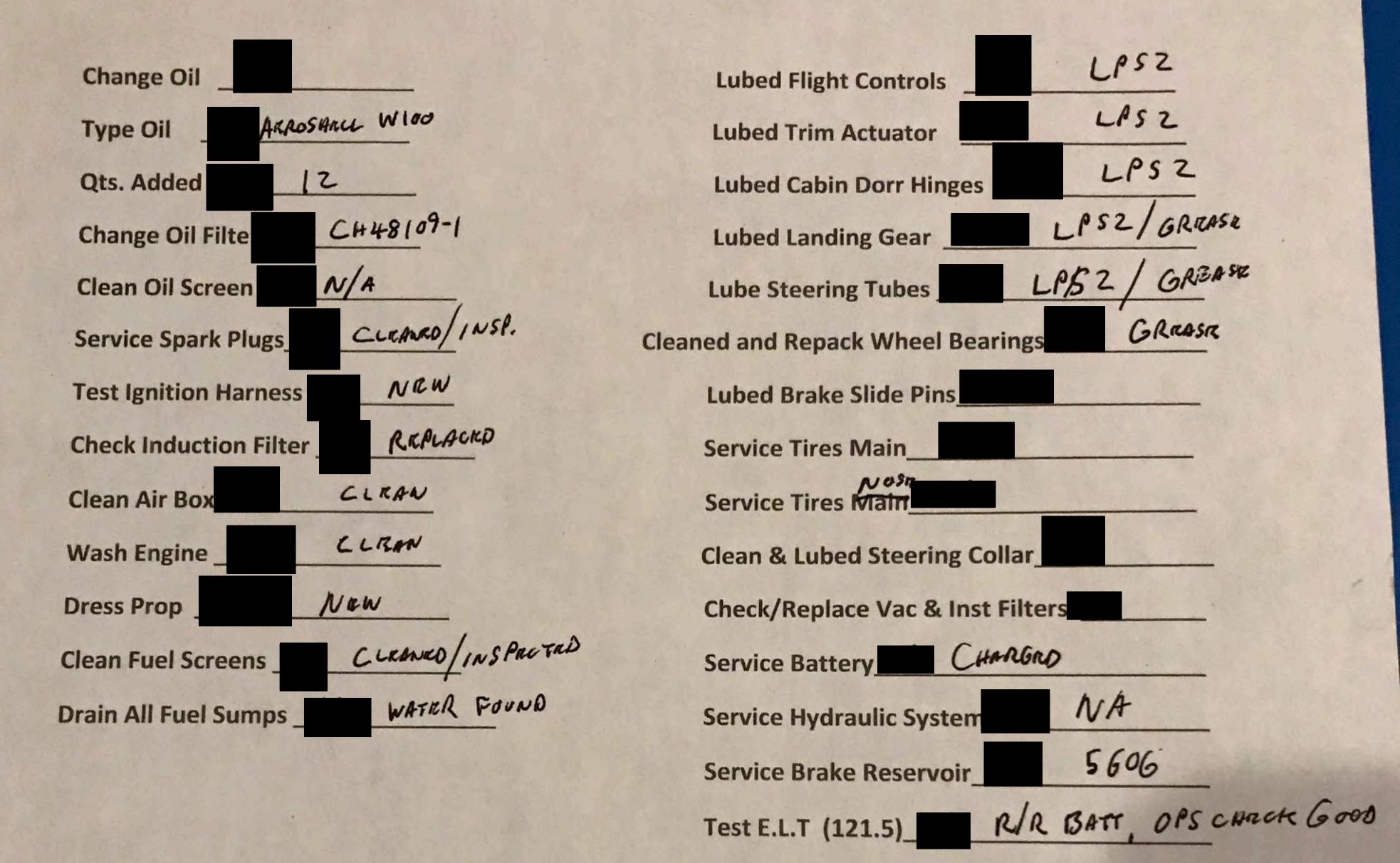
Regulations and is approved for return to service. Pertinent details of the repair are on file at Aircraft Ignition

Services, LLC under work order number 4829

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- 21	ESA.	110	SAR.	

Date: 01-Sep-2020

## Service Work Sheet Work Order #\_\_N 3958A



Wash Aircraft
Interior
Windows(clean)

#### MAINTENANCE DISCREPANCY WORKSHEET

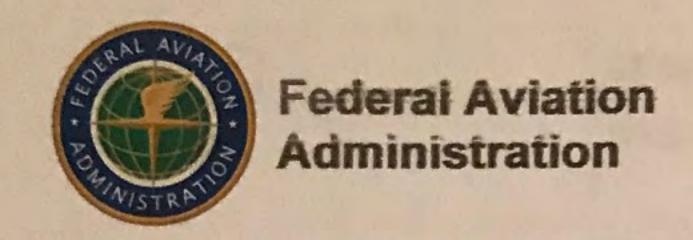
_ A/C	N NUMBER:	DATE:
INSP	PECTION:	ACTT:
ITEM	DISCREPANCY	CORRECTIVE ACTION
# \$	Date: 8/18/20   GNITION HARNESS FRAYED	Date: 9/3/20 REMOVED OLD HARNESS. INSTALLED
RII REQ		WIEW HILLY ARROSPACE IGNITION HARNESS AS REQUIRED, GROUND TEST RUN ENGINE
YES		AS REQUIRED, GROUND TEST RUN ENGINE
NO		OPS CHRCK GOOD
RII Requirements:		
Assure all work		
associated with RII item has been		
correctly performed in		Mec Sig:
accordance with	Sig:	P/N On:
the aiurcraft, engine, propeller,	P/N S/N Off:	F/N OII.
and/or component manufacturers	IniAssure all hand and shop tools have been	accounted for and returned to their proper storage.
instructions.	RII Description:	
*		RII Sig:
# 5	Date: 8/18/20 LEFT STRUT LOW ON	Date: 8/29/20 R/R STRUT VALUE CORE
-	NITROGEN	WITH STERVICKABLE USED PART.
RII REQ	MILIOUGIAV	STRUICED WITH NITROGEN TO PROPER LEVEL.
YES		
Ril Requirements: Assure all work		
associated with RII tem has been		
correctly		
performed in accordance with	Sig	Mec Lic:
he aiurcraft,	P/ S/N Off:	P/N on:
engine, propeller, and/or component	Ini. Assure all hand and shop tools have been	accounted for and returned to their proper storage.
nanufacturers	RII Description:	
nstructions.		
		RII Sig: Lic#:
	0/0/1000	
# 6	Date: 8/18/20 NO ADSB	Date: 9/12/20 REMOUND TAIL NAV LIGHT
RII REQ		INSTAURO NEN VAVIONIX TALL BRACON
YES		SRT UP AND ACTIVATED AS PER MFR.
OV		OPS CHECK GOOD
Il Requirements:		
ssure all work ssociated with RII		
em has been		
erformed in		Mag S
cordance with	Sig:	Mec S
	P/N Off:	P/N On: S/N On:
ngine, propeller, nd/or component	Ini. Assure all hand and shop tools have been	n accounted for and returned to their proper storage.
anufacturers	RII Description:	
acaons.		
		RII Insp:
-		LIC.

#### MAINTENANCE DISCREPANCY WORKSHEET

A	/C N NUMBER:	DATE:
11	NSPECTION:	ACTT:
ITEM		CORRECTIVE ACTION
# 7	Date: 8/18/20 ELT BATT, EXPIRING	Date: 9/2/20 R/R ELT BATT WITH NEW
RII RE		P/N BP-1026 NEW EXP DATE NOV 2022 FUNCTION TESTED GOOD AS PROR FAR 91,207
YES		FUNCTION TRESTED GOOD AS PROR FAR 91,207
NO		APRN (D) INSTAURO IN A/C.
RII Requireme Assure all wor		
ssociated wit		
orrectly		
erformed in ccordance wit		Mec Sig:
he aiurcraft, ngine, propell	er, P/N S/N Off:	P/N On: S/N On:
nd/or compor	IniAssure all hand and shop tools have been	accounted for and returned to their proper storage.
structions.	RII Description:	
3		
		RII Sig: Lic#:
8	Date: 6/18/20 INDUCTION AIR FILTER DUE	Date: 8/19/20 R/R INDUCTION AIR FILTER WITH
RII REC	FOR REPLACEMENT	NEW BA-7/12
ĘS		
Requirement ure all work		
ociated with I	RII :	
n has been rectly		
formed in ordance with	Sig:	Mec Sig
aiurcraft, ne, propeller,	P/N Off: S/N Off:	P/N On: S/N On:
or componen	Ini Assure all hand and shop tools have been	accounted for and returned to their proper storage.
ufacturers uctions.	RII Description:	
		RII Sig: Lic#:
9	Date: 8/18/20 VAC FILTERS DIRTY	Date: 8/19/20 R/R VAC FILTERS WITH NOW
II REQ		133-5-1
5		1022
quirements:		
all work		
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rcraft, propeller,	P/N Off: S/N Off:	P/N On:
component	IniAssure all hand and shop tools have been	accounted for and returned to their proper storage.
cturers ions.	RII Description:	
		RII Insp:
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#### MAINTENANCE DISCREPANCY WORKSHEET

	N NUMBER:		DATE:	
INS	PECTION:		ACTT:	
ITEM	DISCREPANCY	CORRECTIVE A	CTION	
10	Date: 8/18/20 WING STALS TORN AND			SKALS WITH NEW
RII REQ	DRTKRIORATED.	CA Pr05	almance near	GLURD DOWN WH
YES .		THOM TENT	CONTACT GLO	.K
10		13N1 1300 L	Com. 101 000	
Requirements:				
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formed in cordance with	Sig	Mec s		Lic#:
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aretions.	RII Description:	RII Sig:		Lic#:
11	Date: 8/18/20 CHRCK FURL THNKS FOR LRAKS	Date: 8/20/20	ORAINED LY	HAND RA TANKS
RII REQ			the state of the s	TO CHRUK FOR LIVAT
5			The same of the sa	O FUEL GAUGES
			CORRECTLY.	
quirements:				
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rcraft, P/	S/N Off:	P/N		S/N On:
component In	iAssure all hand and shop tools have been a	ccounted for an	d returned to the	The state of the s
cturers lons. RII	Description:	occurred for di	a retained to ti	ien proper storage.
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12 Dat	E: 8/18/20 FURL CAP ORINGS LEAKING	Date: 4 / 17 /20	Pages	
REQ		1/10/20	PARTS ON	DICINIC
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	escription:		a returned to the	nen proper storage.
-4				
23/202		RII Insp:		
-		.or trisp.		Lic:



### Airworthiness Directives (ADs (Airworthiness Directives)) – Current Only Search Results for "v35b"

← Back to Airworthiness Directives main page

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Filter within results

Filter

AD No.	Effective Date	Subject
97-16-10		Filters
2019-23-10	11/22/2019	Aileron Control System
2018-06-11	5/3/2018	Turbocharging
2009-25-01	1/8/2010	Shoulder harnessess
2008-13-17	8/6/2008	Circuit breaker toggle switches
2007-08-08	5/25/2007	Uplock roller
2006-03-08	3/10/2006	Vacuum pumps
2005-01-19	2/23/2005	Mode S transponders
4-20-04 R2	6/27/2003	Empennage aft fuselage
001-23-17	12/28/2001	GNS 430 units
001-23-10	12/13/2001	Flap Flex Shaft Assemblies
001-08-08	6/7/2001	V-band Exhaust Clamp
1-21-21 R1	5/1/2000	Electric Inflatable Door Seals
-14-03	8/16/1998	Transponders
-16-10	9/18/1997	Filters
14-15		1 IIICIS
17-10	9/2/1997	Cabin Side Door And Utility Door Handle

AD No.	Effective Date	Subject
97-06-11	5/16/1997	Ruddervator Differential Tail Control Rod Assy
96-12-22	7/31/1996	Full Flow Engine Oil Adapter
95-04-03	4/7/1995	Wing Spar
92-17-01	9/11/1992	Fuel Metering Unit
91-20-08	10/31/1991	Fresh Air Blower Housing
88-21-02	10/31/1988	Seat Tracks
87-18-06 R1	2/5/1988	Seat Recline Actuator Handle
84-09-01	5/25/1984	Window Emergency Egress Provision
79-01-01	1/8/1979	Screws in Control System

< Previous 1 2 Next >

Showing 1-25 of 34 airworthiness directives.

Page last modified: February 16, 2018 1:48:18 PM EST

This page was originally published at: https://www.faa.gov/regulations\_policies/airworthiness\_directives/search/?q=v35b

14 CFR Appendix D to Part 43 - Scope and Detail of Items (as Applicable to the Particular Aircraft) To Be Included in Annual and 100-Hour Inspections

CFR

# Appendix D to Part 43 - Scope and Detail of Items (as Applicable to the Particular Aircraft) To Be Included in Annual and 100-Hour Inspections

- (a) Each person performing an annual or 100-hour inspection shall, before that inspection, remove or open all necessary inspection plates, access doors, fairing, and cowling. He shall thoroughly clean the aircraft and aircraft engine.
- (b) Each person performing an annual or 100-hour inspection shall inspect (where applicable) the following components of the fuselage and hull group:
  - (1) Fabric and skin for deterioration, distortion, other evidence of failure, and defective or insecure attachment of fittings.
- (2) Systems and components for improper installation, apparent defects, and unsatisfactory operation.
- (3) Envelope, gas bags, ballast tanks, and related parts for poor condition.
- (c) Each person performing an annual or 100-hour inspection shall inspect (where applicable) the following components of the cabin and cockpit group:
  - (1) Generally for uncleanliness and loose equipment that might foul the controls.
  - (2) Seats and safety belts for poor condition and apparent defects.
- (3) Windows and windshields for deterioration and breakage.
- (4) Instruments for poor condition, mounting, marking, and (where practicable) improper operation.
- (5) Flight and engine controls for improper installation and improper operation.

- (6) Batteries for improper installation and improper charge.
- (7) All systems for improper installation, poor general condition, apparent and obvious defects, and insecurity of attachment.
- (d) Each person performing an annual or 100-hour inspection shall inspect (where applicable) components of the engine and nacelle group as follows:
  - (1) Engine section for visual evidence of excessive oil, fuel, or hydraulic leaks, and sources of such leaks.
  - (2) Studs and nuts for improper torquing and obvious defects.
  - (3) Internal engine for cylinder compression and for metal particles or foreign matter on screens and sump drain plugs. If there is weak cylinder compression, for improper internal condition and improper internal tolerances.
- (4) Engine mount for cracks, looseness of mounting, and looseness of engine to mount.
- (5) Flexible vibration dampeners for poor condition and deterioration.
- (6) Engine controls for defects, improper travel, and improper safetying.
- (7) Lines, hoses, and clamps for leaks, improper condition and looseness.
- (8) Exhaust stacks for cracks, defects, and improper attachment.
- (9) Accessories for apparent defects in security of mounting.
- (10) All systems for improper installation, poor general condition, defects, and insecure attachment.
- (11) Cowling for cracks, and defects.
- (e) Each person performing an annual or 100-hour inspection shall inspect (where applicable) the following components of the landing gear group:
  - (1) All units for poor condition and insecurity of attachment.
  - (2) Shock absorbing devices for improper oleo fluid level.
- (3) Linkages, trusses, and members for undue or excessive wear fatigue, and distortion.
- (4) Retracting and locking mechanism for improper operation.
- (5) Hydraulic lines for leakage.
- (6) Electrical system for chafing and improper operation of switches.
- (7) Wheels for cracks, defects, and condition of bearings.
- (8) Tires for wear and cuts.

- (9) Brakes for improper adjustment.
- (10) Floats and skis for insecure attachment and obvious or apparent defects.
- (f) Each person performing an annual or 100-hour inspection shall inspect (where applicable) all components of the wing and center section assembly for poor general condition, fabric or skin deterioration, distortion, evidence of failure, and insecurity of attachment.
- (g) Each person performing an annual or 100-hour inspection shall inspect (where applicable) all components and systems that make up the complete empennage assembly for poor general condition, fabric or skin deterioration, distortion, evidence of failure, insecure attachment, improper component installation, and improper component operation.
- (h) Each person performing an annual or 100-hour inspection shall inspect (where applicable) the following components of the propeller group:
  - (1) Propeller assembly for cracks, nicks, binds, and oil leakage.
  - (2) Bolts for improper torquing and lack of safetying.
  - (3) Anti-icing devices for improper operations and obvious defects.
  - (4) Control mechanisms for improper operation, insecure mounting, and restricted travel.
- (i) Each person performing an annual or 100-hour inspection shall inspect (where applicable) the following components of the radio group:
  - (1) Radio and electronic equipment for improper installation and insecure mounting.
  - (2) Wiring and conduits for improper routing, insecure mounting, and obvious defects.
  - (3) Bonding and shielding for improper installation and poor condition.
- (4) Antenna including trailing antenna for poor condition, insecure mounting, and improper operation.
- (j) Each person performing an annual or 100-hour inspection shall inspect (where applicable) each installed miscellaneous item that is not otherwise covered by this listing for improper installation and improper operation.