

Airworthiness Directive Compliance Record

2025

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AIRCRAFT RECORDS - DO NOT DESTROY

airframe

Company Longmont Aviation, LLC
 Make/Model Cessna -- 175A
 Tail # N6771E
 Serial # 56271

Biweekly Number 2025-11
 TACH 265.6
 A/C Cert. Date 1959
 Total Time 1550.5

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
62-22-01 10/31/1962	VACUUM PUMP MODIFICATION/	N/A Not Installed					
* 69-15-03 08/20/1969	MUFFLER ASSEMBLY/	N/A Not Installed		X			
* 71-22-02 R1 10/23/1971	CRACKS IN NOSE GEAR FORK/	N/A Not Installed		X			
73-17-01 08/16/1973	FUEL TRANSFER PUMP PLACARD/	N/A Not Installed					
* 74-06-02 03/18/1974	AVCON MUFFLERS/	N/A Not Installed		X			
79-08-03 06/06/1979	ELECTRICAL SYSTEM/	P/CW			2/8/2022		
79-10-14 R1 05/30/1988	FUEL TANK VENTING/	P/CW					
82-07-02 04/08/1982	ENGINE CRANKCASE BREATHER/	P/CW					
86-26-04 01/06/1987 SS by 2004-19-01	SHOULDER HARNESS ADJUSTER/	SUPERSEDED	X				

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Prepared by

Brian

Date

6/6/25

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* 87-20-03 R2 09/24/1990 SS by 2011-10-09	SEAT TRACKS/	SUPERSEDED	X	X			
97-01-13 02/03/1997	FUEL, OIL, OR HYDRAULIC HOSE/	N/A					
99-27-02 01/21/2000	INADEQUATE SUPPLY OF FUEL/	N/A Not Installed					
04-19-01 11/01/2004	CORRECTION - PREVENT SLIPPAGE OF THE PILOT/CO-PILOT SHOULDER HARNESS/	N/A Not Installed					
* 08-15-06 09/02/2008 SS by 2016-14-05	TO DETECT AND CORRECT CRACKS IN THE ENGINE MOUNTING BRACKETS/	SUPERSEDED	X	X			
* 08-26-10 01/05/2009	CORRECTION - PREVENT ERRONEOUS INDICATIONS FROM THE ALTIMETER, AIRSPEED, AND VERTICAL SPEED INDICATORS/	N/A Not Installed		X			

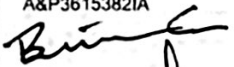
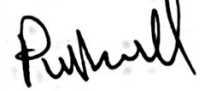
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* 11-10-09 06/17/2011	TO PREVENT SEAT SLIPPAGE OR THE SEAT ROLLER HOUSING FROM DEPARTING FROM THE SEAT RAIL/	VISUAL AND DIMENSIONAL INSPECTION		X	06/05/2025	every 100 hours' time in service	A&P36153821A  
* 16-14-05 08/11/2016	ENGINE MOUNTING BRACKETS INTEGRITY/	P/CW		X		663.8	

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engine

Company Longmont Aviation, LLC
 Make/Model Lycoming -- O-360-A1A
 Tail # N6771E
 Serial # L-7383-36A
 Location

Biweekly Number 2025-11
 TSMOH 265.6
 Total Time 2474.6
 Total Cycles

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
59-10-07	CYLINDER BAFFLE CLAMPS/	P/CW			1996		
64-16-05 07/10/1964	OIL SEAL FAILURE/	P/CW			1996		
66-20-04 08/27/1966	OIL FILTER ADAPTOR GASKET/	P/CW			1996		
73-23-01 01/13/1977	PISTON PIN FAILURES/	N/A by S/N					
75-08-09 07/09/1975	OIL PUMP/	Complied with at overhaul			1996		
81-18-04 R2 06/07/1982 SS by 96-09-10	OIL PUMP/	SUPERSEDED	X				
87-10-06 R1 09/01/1989	ROCKER ARM ASSEMBLIES/	N/A by S/N					
90-04-06 R1 05/28/1991	PROP GOVERNOR OIL LINE/	P/CW					
91-14-22 08/19/1991 SS by 2004-10-14	CRANKSHAFT GEAR RETAINING BOLT/	SUPERSEDED	X				

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92-12-05 07/10/1992	PISTON PIN FAILURE/	Complied with at overhaul			1996		
93-05-21 03/17/1993 SS by 93-11-11	AC, TEXTRON, RAJAY FUEL PUMPS/	SUPERSEDED	X				
93-11-11 06/21/1993	AC, TEXTRON, RAJAY FUEL PUMPS/	N/A Not Installed					
94-14-13 SS by 95-26-02	LOW OCTANE DETONATION/	SUPERSEDED	X				
95-07-01 04/12/1995	CONNECTING ROD BOLTS/	P/CW			1996		
95-26-02 01/24/1996	LOW OCTANE DETONATION/	Complied with at overhaul					
96-09-10 07/15/1996	OIL PUMPS/	P/CW					
97-01-03 01/21/1997 SS by 97-15-11	PISTON PIN/	SUPERSEDED	X				
97-15-11 08/12/1997	PISTON PIN/	N/A Not Installed					

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* 98-02-08 03/30/1998	CRANKSHAFT CORROSION/	N/A constant speed prop installed		X			
98-17-11 10/19/1998	CRANKSHAFTS/	N/A by S/N					
* 04-10-14 06/25/2004	CORRECTION - PREVENT LOOSENING OR FAILURE OF THE CRANKSHAFT GEAR RETAINING BOLT/	N/A no prop strike		X			
05-19-11 10/21/2005	PREVENT FAILURE OF THE CRANKSHAFT/	N/A by overhaul date					
05-26-10 01/31/2006 SS by 2006-12-07	TO PREVENT LOSS OF ENGINE POWER DUE TO CRACKS IN THE CYLINDER ASSEMBLIES/	SUPERSEDED	X				
06-06-16 04/27/2006	TO PREVENT FAILURE OF THE CRANKSHAFT/	N/A by overhaul date					

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06-10-21 06/22/2006	CORRECTION - TO PREVENT FATIGUE FAILURE OF THE CONNECTING ROD AND A POSSIBLE UNCOMMANDED SHUTDOWN OF THE ENGINE./	N/A Not Installed					
06-12-07 06/11/2006	TO PREVENT LOSS OF ENGINE POWER DUE TO CRACKS IN THE CYLINDER ASSEMBLIES/	N/A Not Installed					
* 08-19-05 10/20/2008 SS by 2009-26-12	TO PREVENT LOSS OF ENGINE POWER DUE TO CRACKS AT THE HEAD-TO-BARREL INTERFACE IN THE CYLINDER ASSEMBLIES AND POSSIBLE ENGINE FAILURE CAUSED BY SEPARATION OF A CYLINDER HEAD/	SUPERSEDED	X	X			

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* 09-26-12 02/04/2010	TO PREVENT LOSS OF ENGINE POWER DUE TO CRACKS AT THE HEAD-TO-BARREL INTERFACE AND POSSIBLE ENGINE FAILURE CAUSED BY SEPARATION OF A CYLINDER HEAD/	N/A Not Installed		X			
12-03-07 03/27/2012	TO ADDRESS A 'MACHINED-FROM-BILLE T' HA-6 CARBURETOR HAVING A LOOSE MIXTURE CONTROL SLEEVE THAT ROTATED IN THE CARBURETOR BODY/	N/A Not Installed					
* 12-19-01 10/24/2012	TO PREVENT FAILURE OF THE CRANKSHAFT/	N/A by S/N		X			
17-16-11 08/15/2017	ENGINE CONNECTING ROD ASSEMBLIES INTEGRITY/	N/A by overhaul date					

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20-25-12 01/15/2021	CRANKSHAFT ASSEMBLY IMPROPER MANUFACTURING PROCESS/	N/A Not Installed					
* 24-21-02 12/05/2024	CONNECTING ROD ASSEMBLY AND BUSHING/	N/A by overhaul date		X			

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propeller

Company Longmont Aviation, LLC
 Make/Model Hartzell -- HC-C2Y
 Tail # N6771E
 Serial # CH5658E
 Location
 Blade

Biweekly Number 2025-11
 TSMOH 265.6
 Total Time unknown
 Total Cycles

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
* 64-20-01 08/28/1964	PLASTIC PITCH CHANGE BLOCKS/	N/A by S/N		X			
* 77-12-06 R2 11/10/1977 SS by 2002-09-08	PROP BLADE/	SUPERSEDED	X	X			
* 90-02-23 SS by 2001-23-08	PROPELLER HUB CRACKS/	SUPERSEDED	X	X			
01-07-03 06/04/2001	CORRECTION - PREVENT PROPELLER FAILURE OF THE PROPELLERS RETURNED TO SERVICE BY BASCO/	N/A					
* 01-23-08 12/24/2001	PREVENT FAILURE OF THE PROPELLER HUB RESULTING FROM CRACKS/	N/A by engine model		X			
02-09-08 06/13/2002 SS by 2007-26-09	PREVENT FAILURE OF THE PROPELLER BLADE FROM FATIGUE CRACKS/	SUPERSEDED	X				

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Total Cycles

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03-01-03 01/23/2003	PREVENT IN-FLIGHT PROPELLER BLADE SEPARATION/	N/A by S/N					
03-03-20 3/11/2003	PREVENT FATIGUE FAILURE OF THE ORIGINAL PROPELLER HUB AND BLADES/	N/A by Model					
03-06-02 4/29/2003	PREVENT PROPELLER BLADE SEPARATION AND DAMAGE TO THE AIRPLANE/	N/A by blade design					
03-13-17 7/18/2003	MAINTENANCE BY T&W PROPELLERS INC./	N/A					
05-14-11 08/17/2005	MAINTENANCE BY SOUTHERN CALIFORNIA PROPELLER SERVICE/	N/A					

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* 06-18-15 09/25/2006 SS by 2009-22-03	TO PREVENT FAILURE OF THE PROPELLER HUB CAUSING BLADE SEPARATION AND SUBSEQUENT LOSS OF AIRPLANE CONTROL/	SUPERSEDED	X	X			
06-24-07 01/03/2007	TO DETECT UNSAFE CONDITIONS THAT COULD RESULT IN A PROPELLER BLADE SEPARATING FROM THE HUB AND LOSS OF CONTROL OF THE AIRPLANE/	N/A					
07-26-09 01/30/2008	TO PREVENT FAILURE OF THE PROPELLER BLADE FROM FATIGUE CRACKS IN THE BLADE SHANK RADIUS/	N/A by S/N					
* 08-13-28 07/17/2008	TO PREVENT FAILURE OF THE PROPELLER HUB/	N/A		X			

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* 09-22-03 11/12/2009	TO PREVENT FAILURE OF THE PROPELLER HUB CAUSING BLADE SEPARATION AND SUBSEQUENT LOSS OF AIRPLANE CONTROL/			X		344.2 tach time	

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Appliances

Company Longmont Aviation, LLC
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63-22-03 12/02/1963	63-22-03 - MARVEL SCHEBLER CARBURETORS/	P/CW					
69-24-03 11/29/1969	69-24-03 - MARVEL SCHEBLER CARBURETORS/	N/A by S/N					
72-06-05 R2 07/03/1986	72-06-05 R2 - MARVEL SCHEBLER CARBURETORS/	N/A Not Installed					
* 74-18-05 08/28/1974	74-18-05 - SLICK MAGNETOS/	N/A by Model		X			
80-06-05 02/04/1980	80-06-05 - SLICK MAGNETOS/	N/A by Model					
81-16-05 08/06/1981	81-16-05 - SLICK MAGNETOS/	N/A by Model					
89-04-02 03/08/1989	89-04-02 - FACET CARBURETORS/	N/A by S/N					
93-18-03 10/29/1993 SS by 98-01-06	93-18-03 - PRECISION CARBURETORS/	SUPERSEDED	X				

93-19-04
10/18/1993

93-19-04 - PRECISION
CARBURETORS/

N/A by Model

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* 98-01-06 02/13/1998	98-01-06 - PRECISION CARBURETORS/	N/A by Model		X			
* 99-04-04 02/25/1999	99-04-04 - MAGNETO IMPULSE COUPLING/	N/A by Model		X			
* 11-26-07 1/24/2012	TO PREVENT ENGINE FAILURE DUE TO MIGRATION OF THE MAGNETO IMPULSE COUPLING STOP/	N/A by Model		X			
* 17-16-01 10/24/2017	QUALITY STANDARDS NON-COMPLIANCE MALFUNCTIONS/	Inspected E.L.T.		X		Annual	A&P3615382IA <i>Bar E</i> <i>Richard</i>

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