

# N8442H

## 1981 Piper PA-32-301

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# Airworthiness Directives

**MSN: 32-8106098**



*Prepared by the worldwide aviation specialists at RidgeAire, Inc.*

**AIRFRAME**

Company Cherryhill Aviation  
 Manufacturer PIPER AIRCRAFT CORP.  
 Model PA-32-301  
 Serial # 32-8106098  
 A/C Cert. Date 1981

Tach Time 2070.6  
 Total Time 6009.2

Tail Number N8442H

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	O	R	Next Comp @ Hrs/Date	Authorized Signature & Number
67-20-04 09/27/67	MAIN LANDING GEAR TORQUE LINK/		NA new style of torque link installed	X		N/A	
80-14-03 07/01/80	BENDIX, KING OR NARCO TRANSMITTERS/		NA by serial number	X		N/A	
86-17-01 08/21/86	AMMETER REPLACEMENT/		NA by serial number	X		N/A	
*95-26-13 02/05/96	OIL COOLER HOSE ASSEMBLIES/		Superceded by AD 17-14-04		X	N/A	
96-10-03 05/29/96	FLAP LEVER HANDLE AND BOLT/	5-30-1996 Tach: 490.4	PCW by replacement of new bushing, clevis bolt, washer, nut, and cotter pin	X		N/A	
99-05-09 03/19/99	INDUCTION AIR FILTER/		NA affected parts not installed	X		N/A	
10-15-10 08/31/10	CONTROL WHEEL COLUMN SHAFTS/	8-19-2012 Tach: 1252.6	PCW by inspection	X		N/A	
*13-02-13 03/11/13	HORIZONTAL STABILATOR CONTROL CABLES/	8-10-2022 Tach: 2059.0	PCW by inspection per AD and SB 1245A (1-10)	X		2000 hours or 7 years whichever occurs first Next Due: tach: 4059.0/August 2029	3621331 A&P
*17-14-04 08/15/17	OIL COOLER HOSE ASSEMBLY TSO REQUIREMENTS/	8-27-2023 tach: 2070.6	Type D hose previously installed. Replacement times terminated. Inspected for condition	X		N/A	3621331 A&P

*verified 3621331 A&P*

*[Signature]*  
 3621331 A&P

**ENGINE – Front**

Company Cherryhill Aviation  
 Manufacturer Lycoming Engines  
 Model IO-540-K1G5  
 Location Front  
 Serial # L30652-48A

TSMOH 214.1  
 Total Time 2323.1

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	O	R	Next Comp @ Hrs/Date	Authorized Signature & Number
*63-14-03 07/06/63	OIL PUMP DRIVE SHAFT/		NA by engine serial number		X	N/A	
64-16-05 07/10/64	OIL SEAL FAILURE/		PCW at engine overhaul	X		N/A	
66-20-04 08/27/66	OIL FILTER ADAPTER GASKET/		PCW at overhaul	X		N/A	
73-23-01 01/13/77	[R4] PISTON PIN/		PCW at overhaul	X		N/A	
75-08-09 08/18/77	[R3] OIL PUMP DRIVE SHAFT/		PCW at overhaul	X		N/A	
75-09-15 04/30/75	FUEL INJECTOR FLOW DIVIDER COVER/		PCW at overhaul	X		N/A	
78-23-08 11/07/78	FUEL INJECTOR TUBE ELBOW/		PCW at overhaul	X		N/A	
78-23-10 11/07/78	FUEL INJECTOR CENTER BODY BELLOWS SEAL/		PCW at overhaul	X		N/A	
79-04-05 02/26/79	[R1] FUEL INJECTOR REGULATOR DIAPHRAGM/		PCW at overhaul	X		N/A	
81-03-05 02/11/81	MIXTURE CONTROL SHAFT ASSEMBLY/		PCW at overhaul	X		N/A	
83-22-04 11/04/83	FUEL INJECTOR DIAPHRAGM STEM/		PCW at overhaul	X		N/A	
92-12-05 07/10/92	PISTON PIN RECALL/		NA by date of overhaul	X		N/A	
93-11-11 08/21/93	LOW PRESSURE DIAPHRAGM FUEL PUMP/		NA affected parts not installed	X		N/A	
95-07-01 03/17/95	CONNECTING ROD BOLTS/		PCW at overhaul	X		N/A	
95-26-02 01/24/88	LOW OCTANE ENGINE DAMAGE/		NA by N number and overhaul date	X		N/A	

*Handwritten signature and date:*  
 June 13, 2023  
 302133144P

**Airworthiness Directive Compliance Record**

**N8442H**

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96-09-10 07/15/96	ENGINE OIL PUMP IMPELLER/		PCW at overhaul	X	N/A	
96-23-03 10/28/96	HIGH PRESSURE DIAPHRAGM FUEL PUMP/		PCW at overhaul	X	N/A	
97-15-11 08/12/97	PISTON PIN RECALL/		PCW at overhaul	X	N/A	
98-17-11 10/19/98	CRANKSHAFT CRACKS/		PCW at overhaul	X	N/A	
*99-04-04 02/25/99	MAGNETO IMPULSE COUPLING/		NA bendix magnetos installed		X	N/A
02-19-03 09/20/02	CRANKSHAFT MATERIAL TEST/		NA STC not installed	X	N/A	
04-05-24 03/30/04	CRANKSHAFT GEAR RETAINING BOLT/		PCW at overhaul	X	N/A	
*04-10-14 C1 06/25/04	CRANKSHAFT GEAR AND GEAR RETAINING BOLT/	9-1-2023 Tach: 2070.6	NA no propeller strike this date		X	Propeller strike or sudden stoppage 3621331 A&P
05-19-11 10/21/05	300 HORSEPOWER OR LOWER CRANKSHAFTS/		PCW at overhaul	X	N/A	
*11-26-04 01/25/12	EXTERNAL FUEL INJECTOR LINES/		Superseded by AD 15-19-07		X	N/A
12-03-06 02/24/12	AFS FUEL SERVO DIAPHRAGM/		NA affected parts not installed	X	N/A	
12-19-01 10/24/12	CRANKSHAFT RETIREMENT/		PCW at overhaul	X	N/A	
*15-02-07 03/11/15	PROPELLER GOVERNOR IDLER SHAFT SET SCREW/		PCW at overhaul		X	N/A
*15-19-07 11/03/15	EXTERNAL FUEL INJECTOR LINES/	9-1-2023 Tach: 2070.6	CW per AD and MSB 342G		X	110 hours or work done of injector lines 3621331 A&P
17-16-11 08/15/17	ENGINE CONNECTING ROD ASSEMBLIES INTEGRITY/		NA by overhaul date	X	N/A	
22-16-03 08/15/22	S-1200 SERIES MAGNETOS ROLLER BEARINGS IMPROPER LUBRICATION/	9-1-2023 Tach: 2070.6	NA by serial number of magnetos L:F18KA222R R: F18JA043R	X	N/A	3621331 A&P
*23-09-09 07/17/23	FAILURES OF SPOT-WELDED, MULTI-SEGMENT V-BAND COUPLINGS/	9-1-2023 Tach: 2070.6	NA No turbo or segmented clamp installed		X	N/A 3621331 A&P

*verified  
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\* indicates possible recurring inspections © 1995 – 2007 - Tdata, Inc. (Tdata.com)

Prepared by Dakota Learlick

Date 9-1-2023

**PROPELLER - Front**

**Company** Cherryhill Aviation  
**Manufacturer** MCCAULEY INDUSTRIAL CORP.  
**Model** B3D36C SERIES  
**Location** Front **Blade** 3 Blade  
**Tail #** N8442H **TSMOH** 770.6  
**Serial #** 040819 **Total Time** 6009.2 **Tail Number N8442H**

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	O	R	Next Comp @ Hrs/Date	Authorized Signature & Number
05-14-11 08/17/05	MAINTENANCE AND REPAIR BY SOUTHERN CALIFORNIA PROPELLER SERVICE/		NA no work done	X		N/A	<i>Verified</i> <i>3621531 AAF</i>
06-24-07 01/03/07	INSPECTIONS AND REPAIRS BY CSE AVIATION/		NA no work done	X		N/A	