

# N957UM

## 1990 Grumman AG-5B

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# Airworthiness Directives

**Aircraft S/N: 10002**












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






# AD Compliance Report


AD #	Subject	Date and Hours at Compliance	Recurring Yes/No	Next Due Date/Hours
<b>95-19-15R1</b>	Wing attach shoulder bolt failure	6/16/16 951.3 HRS TOTLA TIME	No	
<b>Description:</b>	Airframe - True Flight Holdings LLC - AG-5B			
<b>Component:</b>	Airframe - True Flight Holdings LLC - AG-5B		<b>Mechanic name:</b>	CRUISEAIR AVIATION
<b>Effective Date:</b>	10/03/2005	<b>Category:</b> Airframe	<b>Certificate #:</b>	LF3R655L
<b>Supersedes:</b>	N/A	<b>Superseded By:</b> N/A	<b>Authorized Sign.:</b>	_____
<b>Compliance:</b>	REPLACED WING ATTACH SHOULDER BOLTS.			
<b>Notes:</b>	SEE AIRFRAME #2 LOG BOOK ENTRY.			

## AD Compliance Report


AD #	Subject	Date and Hours at Compliance	Recurring Yes/No	Next Due Date/Hours
<b>92-12-05</b>	Piston pin failure		No	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	07/10/1992	<b>Category:</b> Engine	<b>Mechanic name:</b> Unlimited Airworks	
<b>Supersedes:</b>	N/A	<b>Superseded By:</b> N/A	<b>Certificate #:</b> W99R498N	
<b>Compliance:</b>	N/A BY ENGINE MFR DATE		<b>Authorized Sign.:</b> _____	
<b>Notes:</b>				
<b>93-11-11</b>	AC, Textron, Rajay fuel pumps		No	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	06/21/1993	<b>Category:</b> Engine	<b>Mechanic name:</b> Unlimited Airworks	
<b>Supersedes:</b>	93-05-21	<b>Superseded By:</b> N/A	<b>Certificate #:</b> W99R498N	
<b>Compliance:</b>	N/A HIGH PRESSURE FUEL PUMP IS NOT INSTALLED.		<b>Authorized Sign.:</b> _____	
<b>Notes:</b>				
<b>95-07-01</b>	Connecting rod bolts		No	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	04/12/1995	<b>Category:</b> Engine	<b>Mechanic name:</b> Unlimited Airworks	
<b>Supersedes:</b>	N/A	<b>Superseded By:</b> N/A	<b>Certificate #:</b> W99R498N	
<b>Compliance:</b>	N/A BY ROD BOLTS INSTALLED/		<b>Authorized Sign.:</b> _____	
<b>Notes:</b>				
<b>95-26-02</b>	Low octane detonation		No	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	01/24/1996	<b>Category:</b> Engine	<b>Mechanic name:</b> Unlimited Airworks	
<b>Supersedes:</b>	94-14-13	<b>Superseded By:</b> N/A	<b>Certificate #:</b> W99R498N	
<b>Compliance:</b>	N/A BY AIRCRAFT REGISTRATION HISTORY.		<b>Authorized Sign.:</b> _____	
<b>Notes:</b>				
<b>96-09-10</b>	Oil Pumps		No	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	07/15/1996	<b>Category:</b> Engine	<b>Mechanic name:</b> Unlimited Airworks	
<b>Supersedes:</b>	81-18-04 R2	<b>Superseded By:</b> N/A	<b>Certificate #:</b> W99R498N	
<b>Compliance:</b>	N/A BY ENGINE MODEL#.		<b>Authorized Sign.:</b> _____	
<b>Notes:</b>				

AD #	Subject	Date and Hours at Compliance	Recurring Yes/No	Next Due Date/Hours
<b>97-15-11</b>	Piston pin		No	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	08/12/1997	<b>Category:</b> Engine	<b>Mechanic name:</b> Unlimited Airworks	
<b>Supersedes:</b>	97-01-03	<b>Superseded By:</b> N/A	<b>Certificate #:</b> W99R498N	
<b>Compliance:</b>	N/A BY PISTON PIN INSTALLATION DATE.		<b>Authorized Sign.:</b>	
<b>Notes:</b>				
<b>98-17-11</b>	Crankshafts		No	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	10/19/1998	<b>Category:</b> Engine	<b>Mechanic name:</b> Unlimited Airworks	
<b>Supersedes:</b>	N/A	<b>Superseded By:</b> N/A	<b>Certificate #:</b> W99R498N	
<b>Compliance:</b>	N/A BY ENGINE SERIAL#.		<b>Authorized Sign.:</b>	
<b>Notes:</b>				
<b>2004-10-14</b>	CORRECTION - Prevent loosening or failure of the crankshaft gear retaining bolt	7/18/19 1,078.3 HRS TOTAL TIME	Yes	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	06/25/2004	<b>Category:</b> Engine	<b>Mechanic name:</b> CORONA AIRCRAFT ENGINES	
<b>Supersedes:</b>	91-14-22	<b>Superseded By:</b> N/A	<b>Certificate #:</b> O9VR726Y	
<b>Compliance:</b>	C/W A.D. DURING PROP STRIKE INSPECTION.		<b>Authorized Sign.:</b>	
<b>Notes:</b>				
<b>2005-19-11</b>	Prevent failure of the crankshaft		No	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	10/21/2005	<b>Category:</b> Engine	<b>Mechanic name:</b> Unlimited Airworks	
<b>Supersedes:</b>	N/A	<b>Superseded By:</b> N/A	<b>Certificate #:</b> W99R498N	
<b>Compliance:</b>	N/A BY CRANKSHAFT INSTALLATION DATE.		<b>Authorized Sign.:</b>	
<b>Notes:</b>				
<b>2006-06-16</b>	To prevent failure of the crankshaft		No	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	04/27/2006	<b>Category:</b> Engine	<b>Mechanic name:</b> Unlimited Airworks	
<b>Supersedes:</b>	N/A	<b>Superseded By:</b> N/A	<b>Certificate #:</b> W99R498N	
<b>Compliance:</b>	N/A BY CRANKSHAFT INSTALLATION DATE.		<b>Authorized Sign.:</b>	
<b>Notes:</b>				

AD #	Subject	Date and Hours at Compliance	Recurring Yes/No	Next Due Date/Hours
<b>2006-10-21</b>	CORRECTION - To prevent fatigue failure of the connecting rod and a possible uncommanded shutdown of the engine. <b>Description:</b> Engine - Lycoming Engines - O-360-A4K <b>Component:</b> Engine - Lycoming Engines - O-360-A4K <b>Effective Date:</b> 06/22/2006 <b>Supersedes:</b> N/A <b>Compliance:</b> N/A CONNECTING RODS NOT INSTALLED. <b>Notes:</b>	<b>Mechanic name:</b> Unlimited Airworks <b>Certificate #:</b> W99R498N <b>Authorized Sign.:</b> _____	No	
<b>2006-12-07</b>	To prevent loss of engine power due to cracks in the cylinder assemblies <b>Description:</b> Engine - Lycoming Engines - O-360-A4K <b>Component:</b> Engine - Lycoming Engines - O-360-A4K <b>Effective Date:</b> 06/11/2006 <b>Supersedes:</b> 2005-26-10 <b>Compliance:</b> N/A ECI CYLINDERS ARE NOT INSTALLED. <b>Notes:</b>	<b>Mechanic name:</b> Unlimited Airworks <b>Certificate #:</b> W99R498N <b>Authorized Sign.:</b> _____	No	
<b>2009-26-12</b>	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 <b>Description:</b> Engine - Lycoming Engines - O-360-A4K <b>Component:</b> Engine - Lycoming Engines - O-360-A4K <b>Effective Date:</b> 02/04/2010 <b>Supersedes:</b> 2008-19-05 <b>Compliance:</b> N/A ECI CYLINDERS ARE NOT INSTALLED. <b>Notes:</b>	<b>Mechanic name:</b> Unlimited Airworks <b>Certificate #:</b> W99R498N <b>Authorized Sign.:</b> _____	No	
<b>2012-03-07</b>	To address a "machined-from-billet" HA-6 carburetor having a loose mixture control sleeve that rotated in the carburetor body <b>Description:</b> Engine - Lycoming Engines - O-360-A4K <b>Component:</b> Engine - Lycoming Engines - O-360-A4K <b>Effective Date:</b> 03/27/2012 <b>Supersedes:</b> N/A <b>Compliance:</b> N/A CARBURATOR HAS A CAST BODY. <b>Notes:</b>	<b>Mechanic name:</b> Unlimited Airworks <b>Certificate #:</b> W99R498N <b>Authorized Sign.:</b> _____	No	
<b>2012-19-01</b>	To prevent failure of the crankshaft <b>Description:</b> Engine - Lycoming Engines - O-360-A4K <b>Component:</b> Engine - Lycoming Engines - O-360-A4K <b>Effective Date:</b> 10/24/2012 <b>Supersedes:</b> 2006-20-09 <b>Compliance:</b> N/A BY CRANKSHAFT INSTALLATION DATE. <b>Notes:</b>	<b>Mechanic name:</b> Unlimited Airworks <b>Certificate #:</b> W99R498N <b>Authorized Sign.:</b> _____	No	

AD #	Subject	Date and Hours at Compliance	Recurring Yes/No	Next Due Date/Hours
2017-16-11	Engine Connecting Rod Assemblies Integrity		No	
<b>Description:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Component:</b>	Engine - Lycoming Engines - O-360-A4K			
<b>Effective Date:</b>	08/15/2017	<b>Category:</b> Engine	<b>Mechanic name:</b> Unlimited Airworks	W99R498N
<b>Supersedes:</b>	N/A	<b>Superseded By:</b> N/A	<b>Certificate #:</b>	W99R498N
<b>Compliance:</b>	N/A BY ENGINE SERIAL#.		<b>Authorized Sign.:</b>	
<b>Notes:</b>				

# AD Compliance Report

AD #	Subject	Date and Hours at Compliance	Recurring Yes/No	Next Due Date/Hours
<b>2003-13-17</b> <b>Description:</b> Propeller - Sensenich Propeller - 76EM8 <b>Component:</b> Propeller - Sensenich Propeller - 76EM8 <b>Effective Date:</b> 7/18/2003 <b>Supersedes:</b> N/A <b>Compliance:</b> N/A NO WORK COMPLETED BY T&W PROPELLERS, INC. <b>Notes:</b>	<b>Category:</b> Propeller <b>Superseded By:</b> N/A	<b>Mechanic name:</b> <b>Certificate #:</b> <b>Authorized Sign.:</b>	No  Unlimited Airworks W99R498N	
<b>2005-14-11</b> <b>Description:</b> Propeller - Sensenich Propeller - 76EM8 <b>Component:</b> Propeller - Sensenich Propeller - 76EM8 <b>Effective Date:</b> 08/17/2005 <b>Supersedes:</b> N/A <b>Compliance:</b> NO WORK COMPLETED BY SOUTHERN CALIFORNIA PROPELLER SERVICE. <b>Notes:</b>	<b>Category:</b> Propeller <b>Superseded By:</b> N/A	<b>Mechanic name:</b> <b>Certificate #:</b> <b>Authorized Sign.:</b>	No  Unlimited Airworks W99R498N	