

**N414MT**

Luftfahrzeug-Bordbuch

Bordbuch Nr.: 1  
Erste Eintragung: 09.10.2009  
Letzte Eintragung: \_\_\_\_\_

# Bordbuch

Art des Luftfahrzeugs:  
Flugzeug

Staatszugehörigkeits-  
und Eintragungszeichen:

**N414MT**

Höchstgewicht: 950 kg  
Höchstzul. Anzahl der Insassen: 2  
Mindestbesatzung: 1

Hersteller: Extra Flugzeugproduktions- u. Vertriebs-GmbH, Hünxe, Germany

Muster: EA300/L Referenz-Nr. der Musterzulassung: EASA.A.362

Werk-Nr.: 1300 Baujahr: 2009

**EXTRA**  
FLUGZEUGPRODUKTIONS-  
UND VERTRIEBS GMBH  
Schwarze Heide 21 · D-40560 Hünxe  
Tel 02858 / 91370 · Fax 02858 / 913730  
VAT-ID DE 813757882

1. Richtlinien zur Führung des Bordbuches siehe Seiten 98 bis 101
2. Englische Übersetzung siehe Seiten 102 und 103

8	
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Min.	
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9	10	11	12
Datum	Techn. Störungen, Unfälle, techn. Mängel	Datum	Instandhaltung, Nachprüfungen
		AC Registr.: A6-MTN AC Type: Extra EA300/L AC Hrs.: 00:20 hrs / 1 landings	
		Hiermit wird bescheinigt, dass dieses Luftfahrzeug vollständig der als Muster zugelassenen Konstruktion und den in der EASA FORM 52 No. 17/2009 in den Feldern 9, 10, 11, 12 und 13 angegebenen Daten entspricht. Das Luftfahrzeug befindet sich in einem betriebssicheren Zustand. Das Luftfahrzeug hat eine Flugerprobung befriedigend durchlaufen.  It is hereby certified that this aircraft conforms fully to the type-certificated design and to the items shown in EASA FORM 52 No. 17/2009 in boxes 9, 10, 11, 12 and 13. The aircraft is in a condition for safe operation. The aircraft has been satisfactorily tested in flight.	
		Extra Flugzeugproduktions- und Vertriebs-GmbH DE.21G.0180	
		Hünxe, 12.10.2009 Place, data,	
		<div style="border: 1px solid black; display: inline-block; padding: 2px;">EXTRA QM-015</div> <span style="font-size: 2em; vertical-align: middle;">/</span> <div style="background-color: black; width: 80px; height: 40px; display: inline-block; vertical-align: middle; margin-left: 10px;"></div>	
			Stamp and sign Certifying Staff
Gesamtbetriebszeit des Luftfahrzeugs (seit der Herstellung)			Stunden

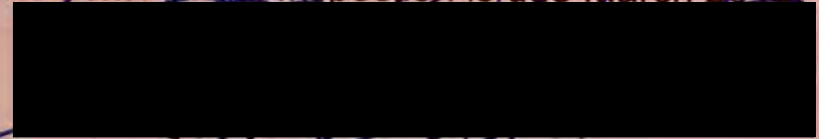
1	2	3	4	5	6	7	8
Datum	Name und Unterschrift des verantw. Lfz.-Führers	Anzahl Besatzgs.- Mitglieder	Anzahl Fluggäste	Flug <u>von</u> <u>nach</u>	Zeit <u>Start</u> (GMT) Ldg.	Anzahl Landungen	Betriebszeit Std. Min.
Landungen, Betriebszeit seit der letzten Grundüberholung des Luftfahrzeugs					Übertrag		
JAN 23 2015		TACH 2.01	Jan 23 2015	EA-300/L (330 L/C) S/N 1300 N414MT Extra Flugzeugproduktions-Und Mfg. date Sept 10 2009 Aircraft Tach Time 2.01 Aircraft Total time 2.01			
				<ul style="list-style-type: none"> <li>Aircraft reassembled after removal from shipping container and 100hr / Annual performed in accordance with the Extra Maintenance Manual</li> <li>Aircraft previously registration (tail number) was A6-MTN Registration and Certification of airworthy are now N414MT</li> <li>Transponder updated to show new tail number. TAWS updated ELT reregistered to USA with 7FL6 as Primary contact location</li> <li>AD 2005-11-07 Firewall seal complied with using FlameMaster CS-1900 firewall sealant Mfg. date 5/14 exp. date 5/15 Batch number A-1404016 P/N 8G14324006 sku: CS1900kit AV7363782835 <a href="http://www.SkyGeek.com">www.SkyGeek.com</a> 888-759-4335</li> <li>Airframe rigging checked. Engine ground tested and taxied no discrepancies Michael A. Phillips A/P [REDACTED] Jan 23 2015</li> </ul>			
Gesamtbetriebszeit bei der letzten Grundüberholung des Luftfahrzeugs					Stunden	übertragen	

9	10
Datum	Te
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Avionics In	
212 Cessna	
Tel: 386-49	
MAR 18 2015	

1	2	3	4	5	6	7	8
Datum	Name und Unterschrift des verantwortw. Lfz.-Führers	Anzahl Besatzgs.-Mitglieder	Anzahl Fluggäste	Flug von nach	Zeit (GMT) Start Ldg.	Anzahl Landungen	Betriebszeit Std. Min.

Landungen, Betriebszeit seit der letzten Grundüberholung des Luftfahrzeugs Übertrag

I find this aircraft meets the requirements for a Standard Airworthiness Certificate, Normal and Acrobatic Category, and have issued this Standard Airworthiness Certificate Dated March 27<sup>th</sup>, 2015.  
 The next Annual Inspection is due March 2016.



George E. Littlefield III  
 Federal Aviation Administration  
 Designated Airworthiness Representative  
 DART-832601-SO  
 Date of Issue: March 27, 2015

APR  
10  
2015

8.6

N414MT Tach / Aircraft TT 8.6 Extra EA-300/L s/n 1300 Apr 10 2015  
 • Changed oil using 14qtrs Aeroshell 100 Mineral oil (1.8 years 8.6hrs on oil )  
 • Oil sample sent to Blackstone results on file  
 • Engine / Firewall checked for loose or missing hardware  
 Mike Phillips A/P [Redacted] Apr 10 2015

Gesamtbetriebszeit bei der letzten Grundüberholung des Luftfahrzeugs Stunden übertragen

9	10
Datum	Test

JUNE 4  
2015

JAN 10  
2016

8
Betriebszeit Std. Min.
65.52 009 an
July 1, 2016
05/08/2017
x E.

9	10	11	12
Datum	Techn. Störungen, Unfälle, techn. Mängel	Datum	Instandhaltung, Nachprüfungen
MAY 10 2017			<p>N414MT Extra 300 Aircraft Tach Time 93.45 Aircraft Total Time 93.45            Extra EA-300/L (330 L/C) S/N 1300 org. mfg. date Sept 10 2009</p> <ul style="list-style-type: none"> <li>• Changed oil using Aeroshell 100W Plus 11 qrts.</li> <li>• Blackstone sample sent</li> <li>• Cleaned oil screen. Normal debris found. Serviceable</li> <li>• Cleaned fuel strainer, Normal debris found Serviceable</li> <li>• Lubed linkages and connection points</li> <li>• Compression test all cylinders 79 or better</li> </ul> <p>Mike Phillips A/P [redacted] May 10, 2017</p>
			<p>N414MT Extra 300 Aircraft Tach Time 93.45 Aircraft Total Time 93.45            Extra EA-300/L ( 330 L/C ) S/N 1300 org. mfg. date Sept 10 2009            I certify that this Airframe has been inspected in accordance with an            Annual Inspection and was found to be in airworthy condition            Keith E. Phillips [redacted] May 10, 2017</p>
Gesamtbetriebszeit des Luftfahrzeugs (seit der Herstellung)			Stunden

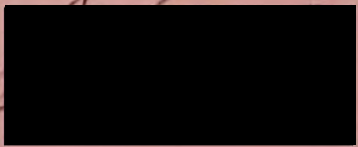
1  
Datum  
Landung

Mojave Aviation  
1420 Jetstream Dr  
Henderson NV, 89052

06/29/2017 Hobbs: 116.29 N414MT

Installed gopro mounts on front of canopy inside cabin and on center console divider inside cabin. This is a minor alteration per 14 CFR 21.93, mounts have no appreciable effect on the weight, balance, structural strength, reliability, operational characteristics, or other characteristics affecting the airworthiness of this aircraft in both normal and aerobatic categories. END

Zack Morrison



Gesamtbetriebszeit bei der letzten Grundüberholung des Luftfahrzeugs				Stunden	übertragen	


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Mojave Aviation  
1420 Jetstream Dr  
Henderson NV, 89052

7/20/2017 Hobbs: 127.03 N414MT

Drained engine oil. Installed Airwolf remote oil filter STC SA00024NY on Aircraft per STC instruction AFC-KC007-A-11, installed new CH48109-1 filter. Serviced engine with 10qts of Aeroshell 15W50. Solvent washed engine and cowling. Removed MT propeller P/NMTV-B-C/C190-17 S/N 090319, Installed propeller P/N MTV-9-B-C/C198-25. Performed engine run and checked for leaks. No leaks were noted at this time. Performed test flight, all systems functioned normally. Prop change performed per extra 330 maintenance manual. Aircraft approved for return to service for work performed. END

Zack Morrison

 A&P 

	Gesamtbetriebszeit des Luftfahrzeugs (seit der Herstellung)				Stunden



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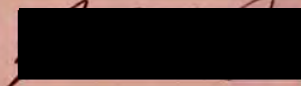
Datum

Mojave Aviation  
1420 Jetstream Dr  
Henderson NV, 89052

08/18/2017 Tach: 156.15 N414MT

Replaced the following missing placards "acro and center tank show zero below 6L (2.9 us gal)" "unusable fuel 5.5L (1.5 us gal)" "use of headset required, use of parachute is recommended" No Smoking" "This airplane is certificated for day VFR operation. Operation in known icing conditions is prohibited" "The markings and placards installed in this airplane contain operating limitations which must be complied with when operating in the aerobatic category other limitations which must be complied with when operating this airplane in this category or in the normal category are contained in the airplane flight manual applicable RPM limitations must be observed" in their proper placement per Extra EA300-L maintenance manual and P.O.H. END

Richard Coe



CPL



Gesamtbetriebszeit des Luftfahrzeugs (seit der Herstellung)

Stunden

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Mojave Aviation  
 1420 Jetstream Dr  
 Henderson NV, 89052

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 Betriebszeit  
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08/18/2017 Hobbs: 156.15 N414MT

Replaced missing placards and placed them in the proper locations per Extra EA300-L maintenance manual and P.O.H. END

Richard Coe [REDACTED] CPL [REDACTED]

Gesamtbetriebszeit bei der letzten Grundüberholung des Luftfahrzeugs				Stunden	übertragen	

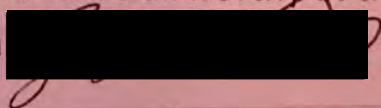
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Datum	

Mojave Aviation  
 1420 Jetstream Dr  
 Henderson NV, 89052

Landungen, Br 10/1/2017 Tach: 186.57 total time: 186.57 N414MT

Preformed 100 hour Inspection IAW Extra maintenance manual EA300/L and part 43 appx D. Inspected ELT IAW FAR 91.207(d) and found it to be in satisfactory condition. Removed fuselage cover and fairings, Inspected airframe, Inspected Belly to firewall connection Per AD 2005-11-07. All A.D's current as of this date. Lubricated all flight controls, hinges, and pullies. Serviced fuel Screens. Inspected wheel bearings and Brakes. Installed fuselage cover and fairings. I certify that this airframe has been inspected IAW a 100 hour inspection and determined to be airworthy at this time. END

Zack Morrison



A&P




Gesamtbetriebszeit bei der letzten Grundüberholung des Luftfahrzeugs

Stunden

übertragen

9  
Datum

AD #	Subject	Date and Hours at Compliance	Recurring Yes/No	Next Due Date/Hours
2007-02-11	To detect, correct, and prevent cracks in the upper longeron at the horizontal stabilizer attachment		No	
<b>Description:</b>	Airframe - Extra - EA-300L	<b>Category:</b>	Airframe	
<b>Component:</b>	Airframe - Extra - EA-300L	<b>Mechanic name:</b>	Zack Morrison	
<b>Effective Date:</b>	0/28/2007	<b>Certificate #:</b>	[REDACTED]	
<b>Supersedes:</b>	2002-21-11	<b>Authorized Sign.:</b>	[REDACTED]	
<b>Superseded By:</b>	N/A			
<b>Compliance:</b>	N/A by S/N			
<b>Notes:</b>				
2007-26-13	To prevent erosion sheath separation leading to damage of the airplane		Yes	every flight
<b>Description:</b>	Propeller - MT-Propeller Entwicklung GmbH - MTV-9-B	<b>Category:</b>	Propeller	
<b>Component:</b>	Propeller - MT-Propeller Entwicklung GmbH - MTV-9-B	<b>Mechanic name:</b>	Zack Morrison	
<b>Effective Date:</b>	01/31/2008	<b>Certificate #:</b>	[REDACTED]	
<b>Supersedes:</b>	2006-05-05	<b>Authorized Sign.:</b>	[REDACTED]	
<b>Superseded By:</b>	N/A			
<b>Compliance:</b>	Complied with para ( J )			
<b>Notes:</b>				
2009-02-03	To prevent a lean running engine		Yes	
<b>Description:</b>	Engine - Lycoming Engines - AEIO-580-B1A	<b>Category:</b>	Engine	
<b>Component:</b>	Engine - Lycoming Engines - AEIO-580-B1A	<b>Mechanic name:</b>	Zack Morrison	
<b>Effective Date:</b>	02/09/2009	<b>Certificate #:</b>	[REDACTED]	
<b>Supersedes:</b>	2008-08-14	<b>Authorized Sign.:</b>	[REDACTED]	
<b>Superseded By:</b>	N/A			
<b>Compliance:</b>	N/A "G" stamped on servo			
<b>Notes:</b>				
2010-04-11	To prevent cracks in the tail spring support mounting base		Yes	
<b>Description:</b>	Airframe - Extra - EA-300L	<b>Category:</b>	Airframe	
<b>Component:</b>	Airframe - Extra - EA-300L	<b>Mechanic name:</b>	Zack Morrison	
<b>Effective Date:</b>	03/30/2010	<b>Certificate #:</b>	[REDACTED]	
<b>Supersedes:</b>	N/A	<b>Authorized Sign.:</b>	[REDACTED]	
<b>Superseded By:</b>	N/A			
<b>Compliance:</b>	N/A by S/N			
<b>Notes:</b>				
2012-03-06	To prevent an in-flight shutdown due to a failed fuel servo diaphragm		Yes	
<b>Description:</b>	Engine - Lycoming Engines - AEIO-580-B1A	<b>Category:</b>	Engine	
<b>Component:</b>	Engine - Lycoming Engines - AEIO-580-B1A	<b>Mechanic name:</b>	Zack Morrison	
<b>Effective Date:</b>	02/24/2012	<b>Certificate #:</b>	[REDACTED]	
<b>Supersedes:</b>	2011-15-10	<b>Authorized Sign.:</b>	[REDACTED]	
<b>Superseded By:</b>	N/A			
<b>Compliance:</b>	N/A, not an Avstar servo. No avstar parts installed			
<b>Notes:</b>				

AD #	Subject	Date and Hours at Compliance	Recurring Yes/No	Next Due Date/Hours
2012-19-01	To prevent failure of the crankshaft.		Yes	
Description:	Engine - Lycoming Engines - AEIO-580-B1A	Category:	Engine	
Component:	Engine - Lycoming Engines - AEIO-580-B1A	Mechanic name:	Zack Morrison	
Effective Date:	10/24/2012	Certificate #:	[REDACTED]	
Supersedes:	2006-20-09	Authorized Sign.:	[REDACTED]	
Superseded By:	N/A			
Compliance:	N/A by S/N			
Notes:				
2015-02-07	Propeller Governor Idler Shaft Set Screw		Yes	
Description:	Engine - Lycoming Engines - AEIO-580-B1A	Category:	Engine	
Component:	Engine - Lycoming Engines - AEIO-580-B1A	Mechanic name:	Zack Morrison	
Effective Date:	03/11/2015	Certificate #:	[REDACTED]	
Supersedes:	N/A	Authorized Sign.:	[REDACTED]	
Superseded By:	N/A			
Compliance:	N/A Due at overhaul			
Notes:				
2015-19-07	External Fuel Injector Lines		Yes	
Description:	Engine - Lycoming Engines - AEIO-580-B1A	Category:	Engine	
Component:	Engine - Lycoming Engines - AEIO-580-B1A	Mechanic name:	Zack Morrison	
Effective Date:	11/03/2015	Certificate #:	[REDACTED]	
Supersedes:	2011-26-04	Authorized Sign.:	[REDACTED]	
Superseded By:	N/A			
Compliance:	N/A by Model			
Notes:				
2017-16-11	Engine Connecting Rod Assemblies Integrity		No	
Description:	Engine - Lycoming Engines - AEIO-580-B1A	Category:	Engine	
Component:	Engine - Lycoming Engines - AEIO-580-B1A	Mechanic name:	Zack Morrison	
Effective Date:	08/15/2017	Certificate #:	[REDACTED]	
Supersedes:	N/A	Authorized Sign.:	[REDACTED]	
Superseded By:	N/A			
Compliance:	NA by serial number and engine build date.			
Notes:				

# AD Compliance Report

AD #	Subject	Date and Hours at Compliance	Recurring Yes/No	Next Due Date/Hours
98-24-07	Rudder pedal safety control stop		Yes	
<b>Description:</b>	Airframe - Extra - EA-300L	<b>Category:</b>	Airframe	
<b>Component:</b>	Airframe - Extra - EA-300L	<b>Mechanic name:</b>	Zack Morrison	
<b>Effective Date:</b>	12/28/1998	<b>Certificate #:</b>	[REDACTED]	
<b>Supersedes:</b>	N/A	<b>Authorized Sign.:</b>	[REDACTED]	
<b>Superseded By:</b>	N/A			
<b>Compliance:</b>	N/A by S/N			
<b>Notes:</b>				
2002-23-09	CORRECTION - Prevent failure of the blade root lag screw		Yes	
<b>Description:</b>	Propeller - MT-Propeller Entwicklung GmbH - MTV-9-B	<b>Category:</b>	Propeller	
<b>Component:</b>	Propeller - MT-Propeller Entwicklung GmbH - MTV-9-B	<b>Mechanic name:</b>	Zack Morrison	
<b>Effective Date:</b>	12/30/2002	<b>Certificate #:</b>	[REDACTED]	
<b>Supersedes:</b>	99-14-06	<b>Authorized Sign.:</b>	[REDACTED]	
<b>Superseded By:</b>	N/A			
<b>Compliance:</b>	N/A by S/N			
<b>Notes:</b>				
2003-17-02	Detect and correct fuel leakage in the wings	10/1/17 186.57	No	
<b>Description:</b>	Airframe - Extra - EA-300L	<b>Category:</b>	Airframe	
<b>Component:</b>	Airframe - Extra - EA-300L	<b>Mechanic name:</b>	Zack Morrison	
<b>Effective Date:</b>	10/10/2003	<b>Certificate #:</b>	[REDACTED]	
<b>Supersedes:</b>	N/A	<b>Authorized Sign.:</b>	[REDACTED]	
<b>Superseded By:</b>	N/A			
<b>Compliance:</b>	Complied with Para (1) and (3)			
<b>Notes:</b>				
2005-11-07	Prevent fuel from flowing behind the firewall in the case of a fuel leak		Yes	
<b>Description:</b>	Airframe - Extra - EA-300L	<b>Category:</b>	Airframe	
<b>Component:</b>	Airframe - Extra - EA-300L	<b>Mechanic name:</b>	Zack Morrison	
<b>Effective Date:</b>	07/18/2005	<b>Certificate #:</b>	[REDACTED]	
<b>Supersedes:</b>	N/A	<b>Authorized Sign.:</b>	[REDACTED]	
<b>Superseded By:</b>	N/A			
<b>Compliance:</b>	Inspected sealant was inplace, belly panel not removed.			
<b>Notes:</b>				



*The Standard*

# **PROPELLER LOG**

**ASA-SP-L**

Owner Name \_\_\_\_\_

Address \_\_\_\_\_

Propeller Model MTR-9-B-C

Blade Model C198-25

Hub Serial No. 090312

Blade Serial No. 1 AA0-37799

2 AA0-37800

3 AA0-37801

4 /

5 /

6 /

Propeller Diameter: 198 cm ± 0.5 cm

Low Pitch: 9.5 ° ± 0.2 ° TCI: 72 Month

High Pitch: 34 ° ± 1 ° TBO: 1800 Hrs.

Feathering: / ° ± / °

Reverse: / ° ± / °

at radius station: 74 cm



HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Year: 2017	Total Time in Service	Description
Date: 7/20/17	1106.98	Tach 25.3 installed prop on Extra 330 Tail Number N414MT. Performed Engine Run and Leak check
Next Inspection Due:	Time Since Overhaul	Per Extra 330 maintenance manual, END
	0.0	Mech. Cert. # or Repair Station # Zack Morrison [REDACTED]

Prop TT: 1168.25  
SMOH: 61.27

Mojave Aviation  
1420 Jetstream Dr  
Henderson NV, 89052

10/1/2017 Tach: 186.57 total time: 186.57 N414MT

Performed 100 hour Inspection IAW Extra maintenance manual EA300/L and part 43 appx D. I certify that this propeller has been inspected IAW a 100 hour inspection and determined to be airworthy at this time. END

Zack Morrison [REDACTED]

Mech. Cert. # or Repair Station #

RELEASE  
WORTHINESS

9. Quantit

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ed with Service I

**LYCOMING**  
A Textron Company

652 Oliver Street  
Williamsport, PA 17701 U.S.A.  
570/323-6181

# ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING AE10-580-31A L-187-79E  
MAKE MODEL SERIAL  
FROM 09 October 20 09 TO \_\_\_\_\_ 20 \_\_\_\_\_  
DETAILING TIME FROM 0:00 new TO \_\_\_\_\_  
HOURS HOURS

SSP-1872-1

© 1994 by Textron Lycoming "All Rights Reserved"

October 1994

# INSTALLATION HISTORY

Date	Aircraft Model, Registration & Serial No., Tacho or Hobbs-Time
6.11.2009	Installed on EA300/LSN 302 @ Plus TAT EXTRA DE.216.0180

ENGINE LOG

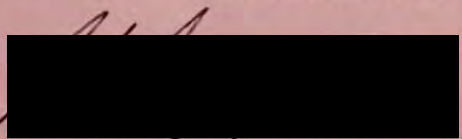
Date

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Henderson NV, 89052

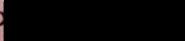
10/1/2017 Tach: 186.57 total time: 186.57 N414MT

Performed 100 hour I Inspection IAW Extra maintenance manual EA300/L and part 43 appx D. Compressions #1 78/80 #2 78/80 #3 79/80 #4 77/80 #5 79/80 #6 79/80. Checked magneto to engine timing, Inspected exhaust for condition. Drained engine oil and serviced case with 10 qts aeroshell 15W50. Removed oil filter and installed new CH48109-1 oil filter. Cleaned and Gapped spark plugs. Lubricated control cables. Performed engine run and OPS check. OPS check satisfactory. I certify that this engine has been inspected IAW a 100 hour inspection and determined to be airworthy at this time.  
END

Zack Morrison



A&P



		Brought Forward
		Total to Date

Certificated mechanic, and his rating and Certificate Number MUST be Shown.