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## AVIONICS MAINTENANCE RECORD

#1

AIRCRAFT SERIAL AND REGISTRATION

17280717

N19921W



## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE NUMBER & NUMBER
	HOURS	10ths		
2000 3/09	458.8	8 (HOBBS)	<p><b>LOGBOOK ENTRY</b></p> <p>DATE <u>3-9-00</u> MFG <u>CESSNA</u> MODEL <u>172R</u>            A/C REG <u>N992WW</u> S/N <u>17280717</u> S.O.# <u>33257</u>  <del>REMOVED KXISSA-0101- S/N 8088</del>            INSTALLED KXISSA-GVOT S/N 16451</p> <p>AFTER SERVICE WAS PERFORMED THIS SYSTEM AND ALL ASSOCIATED SYSTEMS WERE GROUND TESTED AS REQUIRED BY FAR 43.13 AND THE AIRCRAFT HAS BEEN RETURNED TO SERVICE.</p> <p>CRS #IT5R947M  <i>Terry Molegraaf</i>            INSPECTOR</p> <p style="text-align: right;"><b>Mayday</b> AVIONICS, INC.</p>	



## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2000				
3/20	474.0 (HOBBS)		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;"><b>LOGBOOK ENTRY</b></p> <p>DATE <u>3/20/00</u> MFG <u>CESSNA</u> MODEL <u>172R</u>            A/C REG <u>N992WW</u> S/N <u>280217</u> S.O.# <u>33256</u>  <u>REINSTALL KS271C-S/N2935 AS</u>  <u>MODIFIED BY HONEYWELL</u></p> <p>AFTER SERVICE WAS PERFORMED THIS SYSTEM AND ALL ASSOCIATED SYSTEMS WERE GROUND TESTED AS REQUIRED BY FAR 43.13 AND THE AIRCRAFT HAS BEEN RETURNED TO SERVICE.            CRS #IT5R947M  <i>Parry Molegraaf</i>            INSPECTOR</p> <p style="text-align: right;"><b>Mayday</b> AVIONICS, INC.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p>C/W AD 2000-05-24 (issued 4-12-2000) Paragraph (d) in accordance with Honeywell SB KS 271C-5 ALERT, KAP 140 autopilot servo inspection/modification.</p> </div>	
	371.6 (TRACH)			
				<p><i>Steve Berger</i> IA #200629</p>



## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
8000				
4/14	508.2	(HOBBS)	<div style="border: 1px solid black; padding: 10px; background-color: #e0e0e0;"> <p style="text-align: center; margin: 0;">LOGBOOK ENTRY</p> <p>DATE <u>4-14-09</u></p> <p>MFG <u>CESSNA</u> MODEL <u>172R</u></p> <p>A/C REG <u>N992WW</u> S/N <u>17280717</u></p> <p>SO# <u>33257</u> HOBBS _____</p> <hr/> <p style="text-align: center;"><u>EXCHANGED KR155A - 0201 <del>WITH</del></u></p> <p style="text-align: center;"><u>S/N 7759 WITH S/N 16888</u></p> <hr/> <p>AFTER SERVICE WAS PERFORMED, THIS SYSTEM AND ALL ASSOCIATED SYSTEMS WERE GROUND TESTED AS REQUIRED BY FAR 43.13 AND THE AIRCRAFT HAS BEEN RETURNED TO SERVICE.</p> <p><u>Parry Molegraaf</u></p> <p>MAYDAY AVIONICS INC</p> <p>CRS# IT5R947M</p> </div>	
	412.4	(TACH)		



## MAINTENANCE RECORD

TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
HOURS	10ths		
527.2	(HOBBS)	<div style="border: 1px solid black; padding: 10px; margin: 5px;"> <p style="text-align: center; margin: 0;"><b>LOGBOOK ENTRY</b></p> <p>DATE <u>5-4-00</u></p> <p>MFG <u>Cessna</u> MODEL <u>C-172</u></p> <p>A/C REG <u>N992WW</u> S/N _____</p> <p>SO# <u>33622</u> HOBBS _____</p> <p><u>swapped out altitude encoder</u></p> <p><u>model 88 D120</u></p> <p><u>S/N 41520 out</u></p> <p><u>S/N A45452 in</u></p> <p>_____</p> <p>_____</p> <p>AFTER SERVICE WAS PERFORMED, THIS SYSTEM AND ALL ASSOCIATED SYSTEMS WERE GROUND TESTED AS REQUIRED BY FAR 43.13 AND THE AIRCRAFT HAS BEEN RETURNED TO SERVICE.</p> <p><u>Philip M. Thum PE</u></p> <p>MAYDAY AVIONICS, INC.</p> <p>CRS #IT5R947M</p> </div>	
413.2	(FACT)		



### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2000				
5/31	599.5	5 (HOBBS)	<p><b>LOGBOOK ENTRY</b></p> <p>DATE <u>5-31-00</u>  MFG <u>CESSNA</u> MODEL <u>172R</u>  A/C REG <u>M92WW</u> S/N <u>17280717</u>  SO# <u>33257</u> HOBBS _____  <u>COMPLIED WITH HONEYWELL</u>  <u>SB KMA26-4R ADDED MOD 4</u>  <u>TO KMA26-0201 S/N 3625</u>  <u>PER CESSNA SEP AVIONICS</u>  <u>UPGRADE</u></p> <p>AFTER SERVICE WAS PERFORMED, THIS SYSTEM  AND ALL ASSOCIATED SYSTEMS WERE GROUND  TESTED AS REQUIRED BY FAR 43.13 AND THE  AIRCRAFT HAS BEEN RETURNED TO SERVICE.</p> <p><u>Fanny Molegraaf</u>  MAYDAY AVIONICS INC  CRS# IT5R947M</p>	
	474.4	4 (TACH)		



### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2001 4/25	1031.5	(HOBBS)	Honeywell Service Bulletin #KLN 89B -1 GPS receiver operation and reliability improvements C/W by Duncan Aviation CRR# EBVR450D	Steve Berger IA # 2006729
	822.5	(TACH)		
12/13	1541.1	(HOBBS)	Honeywell Service Bulletin #KX155A-9 C/W by Mayday Avionics, Inc. Modification #9 procedure and marking of unit serial tag on both KX155A #1 & #2 Nav/Com radios.	Steve Berger IA # 2006729
	1203.5	(TACH)		



## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2002 4/28	1781.4	4 (HOBBS)	Bendix/King Transponder Model #KT76C S/N 7562 repaired by Mayday Avionics, Inc. W.O. # 37411. Reinstalled and ground operational checked o.k..	Steve Bayer IA# 2006729
	1399.2	2 (TACH)		
4/04/03	2550.7	7 (HOBBS)	Cessna Single Engine Service Bulletin #SB 02-22-01 C/W by Mayday Avionics, Inc. - Honeywell KAP 140 Autopilot system Software modification per KC 140-M1. Ground operational check o.k..	
	1998.9	9 (TACH)		

**MAYDAY AVIONICS INC.**

LOGBOOK ENTRY  
 MFG CESSNA MDL 172R HOBBS 2550.7  
 A/C REG N992WW S/N 172-80717 SO# 39174 #6  
UPDATED OPERATING SOFTWARE IN HONEYWELL KAP-140  
AUTOPILOT COMPUTER KC-140 S/N 3191 PER SB KC140-M1  
 AFTER SERVICE WAS PERFORMED THIS SYSTEM AND ALL ASSOCIATED SYSTEMS WERE GROUND TESTED AS REQUIRED BY FAR 43.13 AND THE AIRCRAFT HAS BEEN APPROVED FOR RETURN TO SERVICE.  
Philip M. Thoren DATE 4/4/03  
 CRS # IT5R947M

Steve Bayer  
IA# 2006729

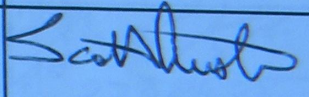
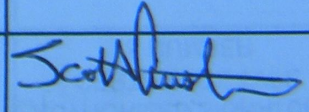


### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2003 11/5	2948.8	8 (Hobbs)	Complied with Cessna SB 03-23-01, Honeywell KMA 26 Audio Panel Modification. Accomplished by Mayday WO# 40261. Reinstalled and ops checked. Ops checked good	Peter K. Kyle IA# 2782605
12/18	3016.5	5 (Hobbs)	Bendix/King KMA-26 Audio Panel S/N 3625 was removed, and repaired by Mayday Avionics, Inc. in accordance with Work Order #40446 and installed. Ground operational check o.k..	Peter K. Kyle IA# 2782605
	2320.6	6 (Tach)		



### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2003 12/18	3016 2372	.5 (HOBBS) .4 Tach (TTAF)	C/W Cessna Single Engine Service Bulletin #SB 02-22-01 by Mayday Avionics, Inc. (Ref. W.O. # <u>39174</u> ) - Honeywell KAP 140 Autopilot system software modification per KC 140-M1 and Honeywell S.I. 491. Ground operational check o.k..	 AP 36866681A
12/2004	3016 2381	.5 Hobbs .0 Tach (TTAF)	C/W AD 2003-24-13 (issued 01/20/04) by previously complying with Cessna Single Engine Service Bulletin SB02-22-01 Honeywell KAP 140 Autopilot System Modification, Honeywell Service Bulletin No. KC 140-M1 and Honeywell Installation Bulletin No. 491.	 AP 36866681A



### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2004 <del>TS</del> 5/5	3212.5 2523.7	.5 .7	<p>HAS (Hobbs)</p> <p>HAS (TAF)</p> <p>Bendix/King KLN89B GPS S/N 8460 was repaired by Mayday Avionics, Inc. Work Order #40949. Reinstalled unit and ground operational check o.k..</p>	<p>Patricia K. K...</p> <p>IA#</p> <p>2782605</p>
4/14	3272 2571	.8 .2	<p>(Hobbs)</p> <p>(TAF) TACH</p> <p>Bendix/King HSI Model# KI 525A, was removed and installed loaner KI 525A, S/N 85771. Installed and ground op check – checked o.k.</p>	<p>Scott ...</p> <p>AP 2808263 IA</p>



## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2009 7/27	3362.4	4 (Hobbs)	<div style="border: 1px solid black; padding: 5px;">                     Bendix/King HSI Model# KI 525A S/N 89623, was repaired by Mayday Avionics, Inc. W.O.# 41246. and installed. Installed and ground op check – checked o.k.                 </div>	
	2650.2	2 (TTAF)		
8/27	3414 2699	2 Hobbs 7 TTAF (TACH)	<div style="border: 1px solid black; padding: 5px;">                     DATE: <u>8-27-04</u>                      TTAF: <u>2699.7</u>                       C/W AD 2004-15-18 KAP 140 Autopilot Software Upgrade. This AD supercedes AD 2003-24-13. Complied with AD 2004-15-18 through previous compliance with Cessna S.E.B. SB02-22-01 (dated Nov. 25,2002), Honeywell S.B. # KC 140-MI (dated Aug. 2002) and Honeywell I.B. 491 Rev. 3. (dated April 2003).                       Signed: <u>Scott Hunter</u> AP28082631A                 </div>	Peter K. K... IAT# 2782605

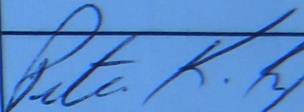
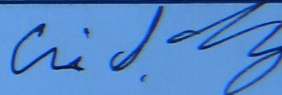




### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2005 3/2	3773.8	8	<p>Installed Honeywell supplied Data loader jack P/N M9177/4-1, in accordance with AlliedSignal, Inc. Manual # 006-15522-0001, AC 43.13-1B and AC 20-138A. Data jack is located on the lower panel between Mixture control and Flap Lever. No change to weight and balance. Ops checked good</p>	<p>Peter R. K... IA# 2782605</p>
	2966.2	2		
4/11	3875.1	1	<p>Bendix/King KMA-26 Audio Panel P/N 066-01155-0101 S/N 3625 was removed, and replaced with KMA 26 S/N 5651 by Mayday Avionics, Inc. Work Order #40421 and installed. Ground operational check o.k..</p>	<p>Peter R. K... IA# 2782605</p>
	3043.7	7		



## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2005 TS 5/2	3951.2	2 Hrs (Hobbs)	Bendix/King KX 155A Nav/com S/N 16451 was repaired by Mayday Avionics, Inc. Work Order #42635. Installed unit and ground operational check o.k..	 IA# 2782605
	3107.2	2 Hrs (TTAF)		
9/28	4251.7	7 (Hobbs)	Bendix/King KLN 89B GPS S/N 2654 was repaired by Mayday Avionics, Inc. Work Order #43245. Reinstalled unit and ground operational check o.k..	 2922134 @
	3345.6	6 (TTAF)		
4/14/06	4773.4 hrs. (Hobbs)		Removed KLN 89B GPS s/n 2654 and installed serviceable KLN 89B GPS unit s/n 9243 (See Mayday W.O. # 44480). Ops. ✓'d good.	 AP 2908263 H
	3751.2 hrs. (TTAF)			
6/15/06	4773.4 (Hobbs)		Removed KI 208 VOR/Loc Converter/Indicator, P/N 066-3056-02, S/N 68153 and installed serviceable KI 208, P/N 066-3056-02, S/N 64727 unit (See Mayday Avionics, Inc. W.O. # 43660) Op's ✓'d good	 AP 2908263 H
	3751.2 (TTAF)			



**MAINTENANCE RECORD**

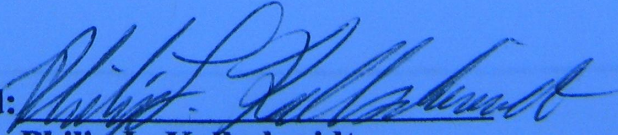
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		

**LOGBOOK SUPPLEMENT**

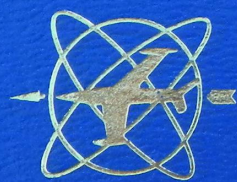
**REG. NO: N992WW MODEL: CESSNA C172R S/N: 17280717 TT: 3941.8  
DATE: JAN. 24, 2010 HOUR METER: 5013.3**

**Installed JPI Monitoring System I/A/W Installation Manual EGY-701 Report 103 Rev.-E Date 1/20/09 see FAA form 337 this date. Installed the REIFF Engine oil sump heater system and the Battery Minder from VCD Electronics Inc. , Weight & Balance was completed.**

**I certify that this Aircraft has been inspected in accordance with Federal Aviation Agency and was determined to be air worthy condition.**

**Signed:**   
**Philip L. Kallschmidt**  
**IA1860369A&P**





*The Standard*

# AVIONICS LOG

ASA-SA-V



Registration Number N992WW

Logbook Number 2

From 4/24/2009

To \_\_\_\_\_

Aircraft Make Cessna

Model 172R

Serial Number 17280717

Date of Manufacture \_\_\_\_\_



# Avionics Equipment

ITEM	MAKE	MODEL	PART NUMBER	SERIAL NUMBER	DATE		LOCATION STATION #	BATTERY DATES	
					INSTALLED	REMOVED		INSTALLED	REPLACE

Cincinnati Avionics Clermont County Airport Batavia, OH 45103 VYTR380B  
 LOG ID# 1526 24-April-2009 WO# 5986/1  
 N992WW S/N 17280717 CESSNA 172R

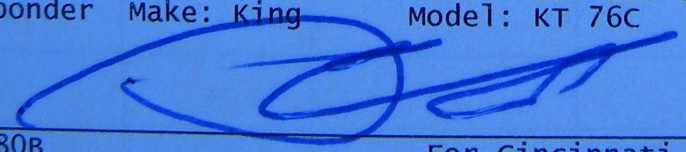
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Removed existing BendixKing KCS 55A HSI System & KR 87 ADF System. Installed Aspen EFD 1000 Pro Primary Flight Display System. See FAA form 337 dated 24 April 2009 on file. Operational check of the system was performed with no discrepancies noted.

Useful Load: 791.94  
 Empty weight: 1665.06  
 Arm: 39.17  
 Moment: 65215.52

Performed inspections required by FAR's 91.411 and 91.413 in accordance with FAR 43 Appendixes E and F. No discrepancies noted.

Air Data	Make: Aspen	Model: EFD 1000	S/N: 2900	
Altimeter	Make: United	Model: 5934P-3	S/N: 404649	to 20,000 ft.
Encoder	Make: TCI	Model: SSD-120-30A	S/N: A45452	to 20,000 ft.
Transponder	Make: King	Model: KT 76C	S/N: 7562.	



VYTR380B For Cincinnati Avionics







# VOR Accuracy

MAKE \_\_\_\_\_

MODEL \_\_\_\_\_

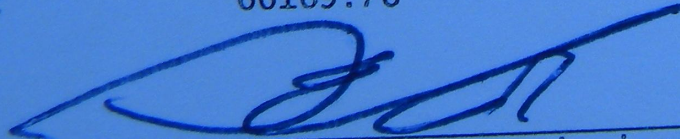
SERIAL NUMBER \_\_\_\_\_

PART NUMBER \_\_\_\_\_

VOR#	LOCATION	TACH TIME	FREQUENCY	TYPE OF CHECK		BEARING ERROR		CHECKED BY	REMARKS
				GROUND	FLIGHT	+	-		
<div data-bbox="246 542 2083 734" data-label="Text"> <p>Cincinnati Avionics    Clermont County Airport    Batavia, OH 45103    VYTR380B            LOG ID# 1791    04-June-2010    WO# 6525/1            N992WW    S/N 17280717    CESSNA    172R</p> </div>									

Removed existing United Vertical Speed Indicator. Installed Aspen EFD 500 Multi-Function Display. See FAA form 337 dated 04 June 2010 on file. Operational check of the system was performed with no discrepancies noted.

Useful Load:            770.75  
 Empty weight:        1679.25  
 Arm:                    39.40  
 Moment:                66169.78



VYTR380B

For Cincinnati Avionics



# VOR Accuracy

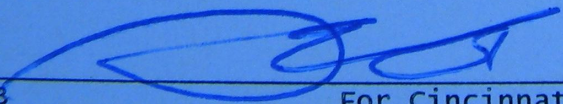
MAKE \_\_\_\_\_ MODEL \_\_\_\_\_ SERIAL NUMBER \_\_\_\_\_ PART NUMBER \_\_\_\_\_

DATE	VOR#	LOCATION	TACH TIME	FREQUENCY	TYPE OF CHECK		BEARING ERROR		CHECKED BY	REMARKS
					GROUND	FLIGHT	+	-		

Cincinnati Avionics Clermont County Airport Batavia, OH 45103 VYTR380B  
 LOG ID# 2099 23-May-2012 WO# 7195/1  
 N992WW S/N 17280717 CESSNA 172R

Installed Alpha AOA indicator system per manufacturer's instructions. Removed existing Pointer 3000-11 ELT and installed Kannad 406 AF ELT System. Battery dated 08/31/2017. Removed Annunciator panel and sent to factory for repair. Installed Garmin GTN 650 Touchscreen Navigator System. See FAA form 337 dated 22 May 2012 on file. Operational check of the system was performed with no discrepancies noted.

Useful Load: 770.93  
 Empty weight: 1679.07  
 Arm: 39.42  
 Moment: 66194.13

  
 \_\_\_\_\_  
 VYTR380B For Cincinnati Avionics



# VOR Accuracy

MAKE \_\_\_\_\_

MODEL \_\_\_\_\_

SERIAL NUMBER \_\_\_\_\_

PART NUMBER \_\_\_\_\_

DATE	VOR#	LOCATION	TACH TIME	FREQUENCY	TYPE OF CHECK		BEARING ERROR		CHECKED BY	REMARKS
					GROUND	FLIGHT	+	-		

Cincinnati Avionics Clermont County Airport Batavia, OH 45103 VYTR380B  
 LOG ID# 2110 19-June-2012 WO# 7216/1  
 N992WW S/N 17280717 CESSNA 172R

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Installed S-TEC System 60 PSS. See FAA form 337 dated 19 June 2012 on file. Operational check of the system was performed with no discrepancies noted.

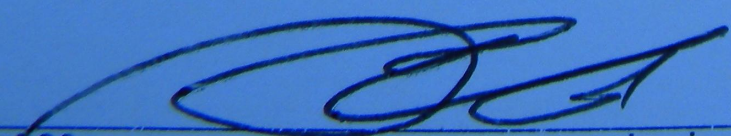
Useful Load: 763.43  
 Empty weight: 1686.57  
 Arm: 39.82  
 Moment: 67157.18

Model: KX 155A Part#: 069-01032-0101 Serial#: 16451

ACTION: Verified discrepancy, removed radio and sent to factory for repair. Reinstalled radio. Operational check of the system was performed with no discrepancies noted.

Model: TAS 600 Part#: 70-2420-8TAS600 Serial#: M100591483

ACTION: Verified discrepancy, removed unit and sent to factory for repair. Reinstalled unit. Operational check of the system was performed with no discrepancies noted.



VYTR380B For Cincinnati Avionics



