



AMRAD User's Guide

(Aircraft Maintenance Repair And Documentation)

AMRAD USER'S GUIDE

- Introduction to AMRAD
- Accessing AMRAD
- AMRAD Basics
- Entering Discrepancies
- AMO Validation & Parts Request
- Closing Discrepancies
- Viewing Aircraft Status
- Viewing Aircraft Discrepancies
- View All Aircraft Maintenance Data
- Viewing Parts Orders & Tracking Info
- Search Discrepancy Data/Return to discrepancy form or parts order info
- View Pilot's Discrepancy Report
- Entering & Editing Acft Mx & Insp
- WMIRS Mx Module Updates
- Closing thoughts





AMRAD is the CAP's new Aircraft Maintenance Repair and Documentation System. It takes the place of most of the functions that were in the WMIRS Maintenance Module. It allows new aircraft discrepancies to be entered, transmits them to the AMO for validation and facilitates the flight release process. It allows Aircraft Mx requests to be processed through to NHQ for approval and parts to be ordered, all in one location. It is designed to provide real-time visibility to aircraft status, open and closed discrepancies, maintenance & inspection data, maintenance and repair requests, parts order status and parts tracking

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Civil Air Patrol - Home - AMRAD x +

https://staging.capnhq.gov/CAP-AMRAD.Web/

Menu eServices SM Tester Wing lgm



AMRAD



(Aircraft Maintenance Repair and Documentation)

Enter New Discrepancy

Reports
Aircraft Status
Aircraft Discrepancy
Aircraft Parts Order
Discrepancy Search

Admin
Add/Edit Aircraft Snapshot Data

[Link to Aircraft Maintenance Office Guidebook](#)

[Link to NHQ/LGM Parts Request Form](#)

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AMRAD is not the document of record, AMRAD and WMIRS are tools used by CAP to facilitate safe flight and make maintenance and repairs more efficient. The aircraft logbooks are the official record. However, AMRAD and WMIRS data must be accurate and complete to ensure safe, serviceable aircraft are scheduled and released for flight and to accurately track and expedite required maintenance and parts orders.



AMRAD



(Aircraft Maintenance Repair and Documentation)

Enter New Discrepancy

Work Items
Open Discrepancies (12)

- Access AMRAD through eServices
- <https://www.capnhq.gov>

Admin
Add/Edit Aircraft Snapshot Data

Select Menu>Logistics>AMRAD

Link to Aircraft Maintenance Office Guidebook

Link to NHQ /LGM Parts Request Form

CAP Aircraft Management website

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AMRAD



(Aircraft Maintenance Repair and Documentation)

Enter New Discrepancy

Reports

- Aircraft Status
- Aircraft Discrepancy
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Admin

- Add/Edit Aircraft Snapshot Data

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- AMRAD access is based on the CAP duty assignments associated with your eServices login. There are three levels of access:
 - **Level 1** – Pilot, SFRO, FRO
(Read data & Enter Discrepancies)
 - **Level 2** – AMO, DO, WG/CC, Region CC
(Read & Enter/Update Mx Data & Disc., Validate Disc., Submit repair requests for NHQ approval & request parts)
 - **Level 3** – NHQ/LGM
(Read/Enter/Edit/Correct/Delete)

AMRAD has several Aircraft Mx Reference links (in light blue) located at the bottom of each screen. They allow easy access to some of the reference materials you will need to make good decisions in the Aircraft Mx process

q.gov/CAP.AMRAD.Web/

eServices

AMRAD

(Aircraft Maintenance Repair and Documentation)

Enter New Discrepancy

Admin

Add/Edit Aircraft Snapshot Data

Reports

- Aircraft Status
- Aircraft Discrepancy
- Aircraft Parts Order
- Discrepancy Search

Link to Aircraft Maintenance Office Guidebook

Link to NHQ/LGM Parts Request Form

CAP Aircraft Management website

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Federal Aviation Administration Regulations

CAPR 65-1

Open

- If you need to print a screen or report use your browser's print function to either print or print as .pdf if you need to save it
- If you would like to exit a screen and return to the AMRAD home screen use the back button on your browser or select the "Home" link
- Each new discrepancy has a Work Order Control Number (WOCN) they are formatted to show the year, month, day and sequence number of each discrepancy, **WOCN 190818-001**
 Yr Mo Day - Sequence #

The screenshot shows the AMRAD web application interface. At the top, there is a navigation bar with the "eServices" logo. Below this, the AMRAD logo is prominently displayed, along with the text "(Aircraft Maintenance Repair and Documentation)". A red button labeled "Enter New Discrepancy" is centered below the logo. The main content area is divided into two columns: "Reports" and "Admin". The "Reports" column contains links for "Aircraft Status", "Aircraft Discrepancy", "Aircraft Parts Order", and "Discrepancy Search". The "Admin" column contains a link for "Add/Edit Aircraft Snapshot Data". Below the main content area, there are several links: "Link to Aircraft Maintenance Office Guidebook", "Link to NHQ/LGM Parts Request Form", "CAP Aircraft Management website", "Federal Aviation Administration Regulations (FARs)", and "CAPR 66-1". The footer contains four sections: "Civil Air Patrol Sites" (with links to eServices, WMIRS, Communications, Inland SAR School Registration, gocivilairpatrol.com, Volunteer Now, CAP Congressional Gold Medal website, National Cadet Special Activities, and Knowledgebase), "Downloads" (with links to Flash Card Manager, Seals & Emblems, GRISOFT, Inc. Anti-Virus Software, Forms, Publications & Regulations, and Adobe Acrobat Reader), "Contact Us" (with links to NHQ Contacts, Help Desk, and CAP-USAF Directory), and "Follow CAP" (with social media icons for Facebook, Twitter, YouTube, and RSS, and a link to "Employment Jobs"). At the bottom, there is a warning message: "Warning: The information you are receiving is protected from interception or disclosure. Any person who intentionally distributes, reproduces or discloses its contents is subject to the penalties set forth in 18 United States Code Section 2511 and/or related state and federal laws of the United States." and a copyright notice: "© 2019 Civil Air Patrol".



AMRAD



(Aircraft Maintenance Repair and Documentation)

Work Items
Open Discrepancies (12)

Enter New Discrepancy

Admin
Add/Edit Aircraft Snapshot Data

To enter a new discrepancy select the “Enter New Discrepancy” button

[Link to Aircraft Maintenance Office Guidebook](#)

[Link to NHQ /LGM Parts Request Form](#)

[CAP Aircraft Management website](#)

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[Home](#)**Create New WO Entry (Frm 001)**

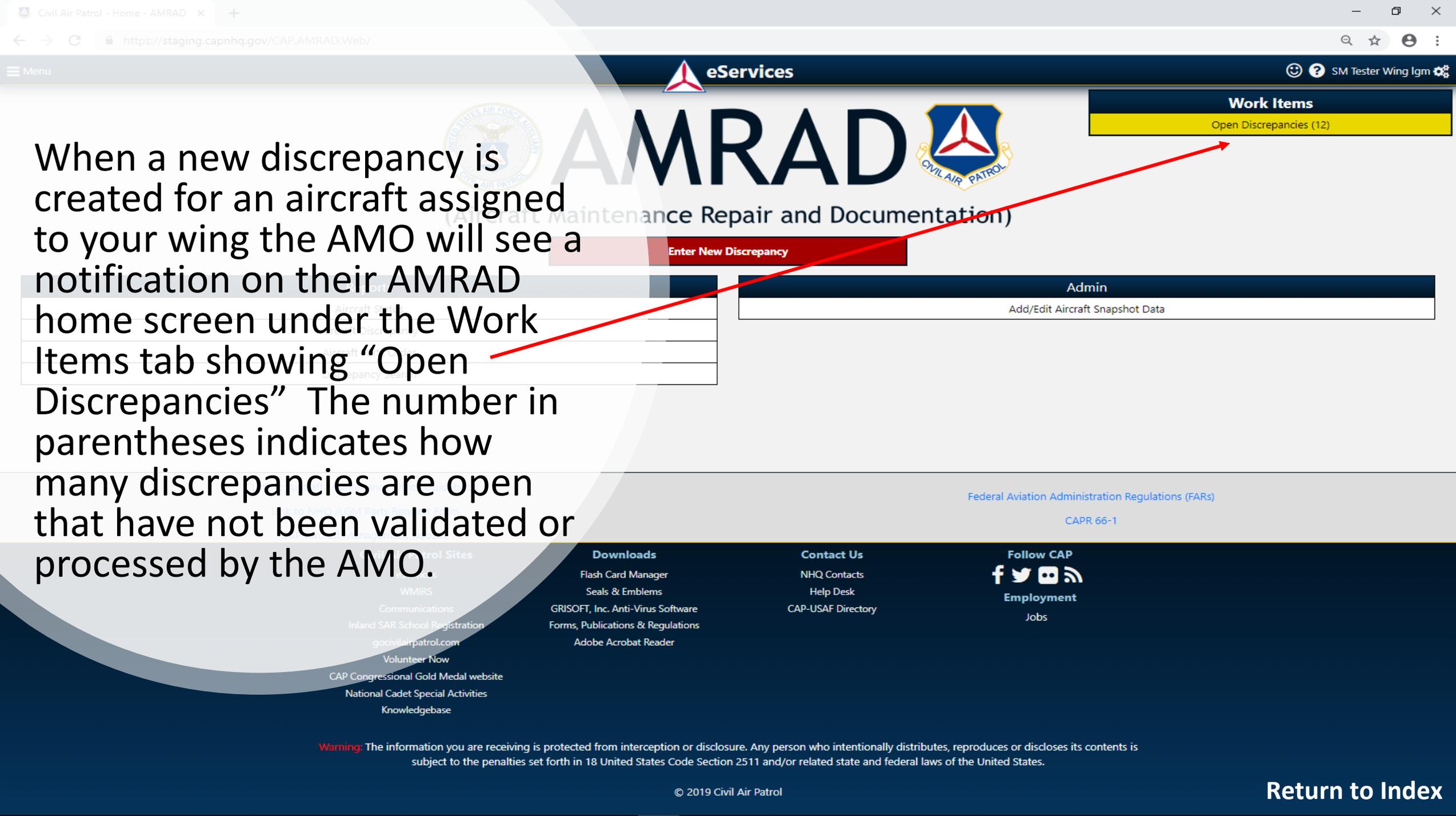
Tail No	Unit	Serial Number	Aircraft Year	Aircraft Make	Aircraft Model
--Select One--					
Aircraft Location - airport search	AMF Info	Aircraft Mission Status	Tach In	Limitation Status	
	UNKNOWN	--Select One--	0	--Select One--	
Discrepancy 0 of 1500 characters	Area Impacted - optional	Mishap(N/Y)	Aircraft Status		
	--Select One--	<input checked="" type="radio"/> N <input type="radio"/> Y	<input checked="" type="radio"/> Deferred <input type="radio"/> Grounded <input type="radio"/> Repaired		
<input type="button" value="Submit"/>					

- Select the appropriate Tail No. from the dropdown box
- Unit, Serial Number, Aircraft Year, Aircraft Make, Aircraft Model, and Tach In auto populate once an aircraft is selected
- Enter current aircraft location by beginning to type the city where the airport is located and then selecting the correct airport from the displayed list or by entering the FAA location identifier code
- Select the Aircraft Maintenance Facility (AMF) that will be performing repairs if known. If the AMF is not known or it is not listed leave it as "Unknown" and the AMO will select the proper AMF or have the AMF added when they validate this discrepancy
- Select the Aircraft Mission Status and a Limitation Status if required and select the appropriate Aircraft Status
- Select the appropriate Mishap indicator and the Area Impacted by the discrepancy
- Enter a thorough description of the discrepancy. Put the bottom line up front and follow with the details.
- Once satisfied with your entry select the submit button.

[Home](#)**Create New WO Entry (Frm 001)**

Tail No	Unit	Serial Number	Aircraft Year	Aircraft Make	Aircraft Model
--Select One--					
Aircraft Location - airport search		AMF Info	Aircraft Mission Status	Tach In	Limitation Status
		UNKNOWN	--Select One--	0	--Select One--
Discrepancy 0 of 1500 characters			Area Impacted - optional	Mishap(N/Y)	Aircraft Status
			--Select One--	<input checked="" type="radio"/> N <input type="radio"/> Y	<input checked="" type="radio"/> Deferred <input type="radio"/> Grounded <input type="radio"/> Repaired
<input type="button" value="Submit"/>					

- Once a discrepancy has been submitted the AMO, DO and Commander will receive a notification on their AMRAD home screen that a new discrepancy has been created
- Email notifications are also sent when discrepancies are created to all AMOs, Commanders and DOs. Email notifications are turned on by default in eServices, if you would like to Opt Out and not receive email notifications go to eServices>Menu>Administration>Email Notifications>Opt Out, select WMIRS - Maintenance Module, Opt Out.
- If expedited repairs are needed you will need to notify your AMO that you entered a discrepancy so they can arrange repairs
- Once submitted a discrepancy can only be deleted by NHQ/LGM
- If you enter a discrepancy in error or if you make a mistake while entering the discrepancy and select the submit button you will need to notify your AMO so that they can close the discrepancy as entered in error or correct the entry error
- If you decide not to submit a discrepancy prior to selecting the submit button you can select the “Home” link or the browser’s back button to eliminate that entry



When a new discrepancy is created for an aircraft assigned to your wing the AMO will see a notification on their AMRAD home screen under the Work Items tab showing “Open Discrepancies” The number in parentheses indicates how many discrepancies are open that have not been validated or processed by the AMO.

Work Items
Open Discrepancies (12)

Enter New Discrepancy

Admin
Add/Edit Aircraft Snapshot Data

Federal Aviation Administration Regulations (FARs)
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Open Discrepancies

Show 10 entries

Search:

WOCN	TailNo	Reg-Wing	Discrepancy	Update?	Closeout?
150817-005	N6615D	SER-FL	Pilot's door will not close from the outside.	Update	Closeout
150819-019	N737NM	SER-FL	50hr. oil change needed	Update	Closeout
160302-008	N5622E	SER-FL	CHT gauge inop	Update	Closeout
160518-001	N97779	SER-FL	TACH found to be faulty.	Update	Closeout
160614-014	N962CP	SER-FL	PFD and MFD buttons are difficult to actuate.	Update	Closeout
161021-008	N5622E	SER-FL	Storm scope failed and is not repairable.	Update	Closeout
161212-009	N909CP	SER-FL	Flat spot on left main tire reported by delivery pilot, but not entered in WMIRS at that time.	Update	Closeout
161214-008	N351CP	SER-FL	On be flight, found right wing, leading edge, outboard sump valve leaking. Attempted to seat the v...	Update	Closeout
170106-006	N427CP	SER-FL	Found # 3 cylinder with no compression.	Update	Closeout
170120-001	N769CP	SER-FL	Left rear seat PTT switch has become disconnected from the left rear arm rest	Update	Closeout

- After clicking the “Open Discrepancies” link the AMO will see all discrepancies assigned to their wing that have not been validated or that have not been submitted to NHQ/LGM for approval or parts
- Select the update link associated with a workorder to open the AMO WO Validation/Parts Req & NHQ Approval form
- Once a discrepancy is validated and submitted either to NHQ or to be worked or it is deferred and the submit button at the bottom of the form is selected it will not appear in the “Work Items” area under Open Discrepancies and can be accessed in the “Discrepancy Search” report if further information or updates need to be made.

Reported By: SM Tester Wing Igm (E) - developers@capnhq.gov

AMO WO Validation/Parts Req & NHQ Approval (Frm 002) | WOCN: 190517-001

Tail No ✖ N816CP	Unit SER-FL-001	Serial Number 18281251	Aircraft Year 2003	Aircraft Make Cessna	Aircraft Model 182T
Aircraft Location - airport search JAX - JACKSONVILLE, FL (JACKSONVILLE INTL)	AMF Info - Add New Facility UNKNOWN	Aircraft Mission Status Not Mission Capable	Tach In 2826.4	Limitation Status --Select One--	
Discrepancy 14 of 1500 characters LMLG Tire worn		Area Impacted - optional --Select One--	Mishap(N/Y) <input checked="" type="radio"/> N <input type="radio"/> Y	Aircraft Status <input type="radio"/> Deferred <input checked="" type="radio"/> Grounded <input type="radio"/> Serviceable	
Estimate Amount 0.00	Upload Estimate Document <input type="button" value="Choose File"/> No file chosen	Invoice Amount 0.00	Upload Parts Request <input type="button" value="Choose File"/> No file chosen		
Estimate Number		Invoice Number			
Supporting Information 0 of 1500 characters	Urgency Justification Code --Select One--	NHQ Approval / Action Required (N/Y) <input checked="" type="radio"/> N <input type="radio"/> Y	Upload Additional Files <input type="button" value="Choose Files"/> No file chosen		

- The name and contact information for the member creating the WO is shown at the top of the form
- The AMO must ensure that all entries for this work order are accurate before validating it or submitting it to NHQ for parts or maintenance
- All fields associated with this WO can be edited by the AMO
- Particular attention must be paid to the Aircraft Status selection. A thorough assessment of the discrepancy is required to ensure the airworthiness of this aircraft. If there is a question, the aircraft should be grounded and evaluated by qualified maintenance personnel prior to releasing it for flight.

Reported By: SM Tester Wing Igm (E) - developers@capnhq.gov

AMO WO Validation/Parts Req & NHQ Approval (Frm 002) | WOCN: 190517-001

Tail No ✖ N816CP	Unit SER-FL-001	Serial Number 18281251	Aircraft Year 2003	Aircraft Make Cessna	Aircraft Model 182T
Aircraft Location - airport search JAX - JACKSONVILLE, FL (JACKSONVILLE INTL)	AMF Info - Add New Facility UNKNOWN	Aircraft Mission Status Not Mission Capable	Tach In 2826.4	Limitation Status --Select One--	
Discrepancy 14 of 1500 characters LMLG Tire worn		Area Impacted - optional --Select One--	Mishap(N/Y) <input checked="" type="radio"/> N <input type="radio"/> Y	Aircraft Status <input type="radio"/> Deferred <input checked="" type="radio"/> Grounded <input type="radio"/> Serviceable	
Estimate Amount 0.00	Upload Estimate Document <input type="button" value="Choose File"/> No file chosen	Invoice Amount 0.00	Upload Parts Request <input type="button" value="Choose File"/> No file chosen		
Estimate Number 		Invoice Number 			
Supporting Information 0 of 1500 characters 	Urgency Justification Code --Select One--	NHQ Approval / Action Required (N/Y) <input checked="" type="radio"/> N <input type="radio"/> Y	Upload Additional Files <input type="button" value="Choose Files"/> No file chosen		

- If parts are required, if the estimate to repair the discrepancy is over \$500 or if it exceeds the limits for a Contracted Mx Facility then the discrepancy must be routed to NHQ for approval or processing by selecting the “Yes” selector under the NHQ Approval/Action Required header.
- Enter the estimate amount and the estimate number if known and upload the estimate and a parts request if parts are needed. The standard CAP parts request form can be accessed at the link at the bottom of the page
- Add additional information or any comments to the “Supporting Information” field

Tail No	Unit	Serial Number	Aircraft Year	Aircraft Make	Aircraft Model
N816CP	SER-FL-001	18281251	2003	Cessna	182T
Aircraft Location - airport search	AMF Info - Add New Facility	Aircraft Mission Status	Tach In	Limitation Status	
JAX - JACKSONVILLE, FL (JACKSONVILLE INTL)	UNKNOWN	Not Mission Capable	2826.4	--Select One--	
Discrepancy 14 of 1500 characters	Area Impacted - optional	Mishap(N/Y)	Aircraft Status		
LMLG Tire worn	--Select One--	<input checked="" type="radio"/> N <input type="radio"/> Y	<input type="radio"/> Deferred <input checked="" type="radio"/> Grounded <input type="radio"/> Serviceable		
Estimate Amount	Upload Estimate Document	Invoice Amount	Upload Parts Request		
0.00	<input type="button" value="Choose File"/> No file chosen	0.00	<input type="button" value="Choose File"/> No file chosen		
Estimate Number		Invoice Number			
Supporting Information 0 of 1500 characters	Urgency Justification Code	NHQ Approval / Action Required (N/Y)	Upload Additional Files		
	--Select One--	<input checked="" type="radio"/> N <input type="radio"/> Y	<input type="button" value="Choose Files"/> No file chosen		

- The “Submit” button serves two purposes; it saves the current data and it transmits a notification to NHQ if the NHQ Approval/Action “Yes” selector is checked. If the “No” selector is checked the data is saved and no notification is sent
- By clicking the “Submit” button at the bottom of this form you are stating that all information on the form has been validated and that to the best of your knowledge the discrepancy and status reflect the true condition of this aircraft.



AMRAD



(Aircraft Maintenance Repair and Documentation)

Enter New Discrepancy

Work Items
NHQ Approved/Disapproved (2)
Open Discrepancies (1)
New Tracking Numbers (1)
Parts Have Been Ordered (2)

Reports
Aircraft Status
Aircraft Discrepancy
Aircraft Maintenance
Aircraft Parts Order
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Pilot Discrepancy Report
Mission Capability Report

Admin
Add/Edit Aircraft Maintenance Data

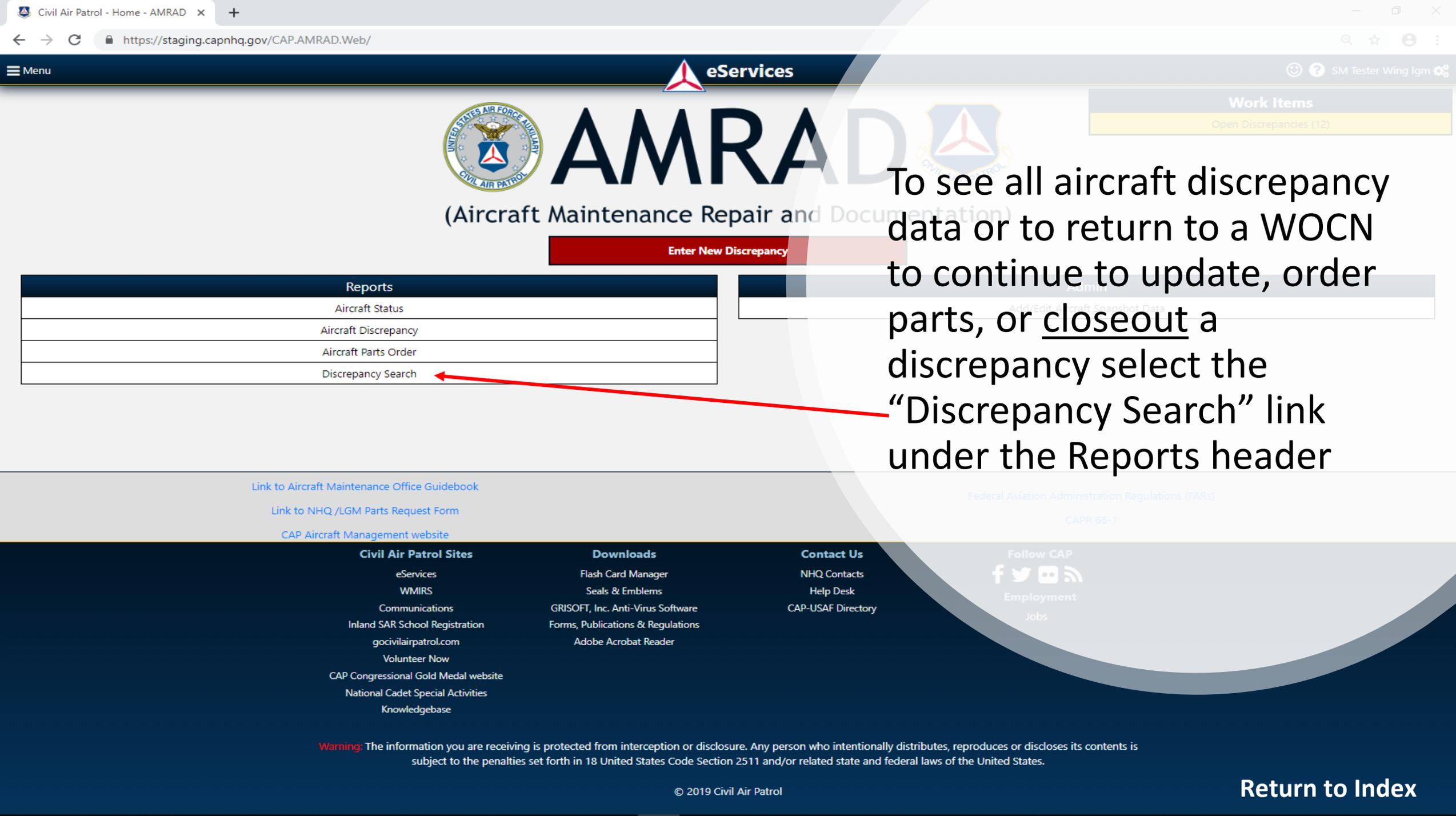
- Once the discrepancy is approved or disapproved by NHQ a notification will appear under the “Work Items” tab, you can click this tab to see the approval or disapproval and any supporting information from NHQ.
- If you requested parts when you submitted your discrepancy to NHQ a notification will appear once parts are order/not ordered under the “Work Items” tab, this tab will also show you when a new tracking number has been added for any of the parts you have requested. You can acknowledge the notification and it will disappear from your “Work Items” tab.

[Home](#)Reported By: SM Tester Wing Igm (E) - developers@capnhq.gov

AMO WO Validation/Parts Req & NHQ Approval (Frm 002) | WOCN: 190517-001

Tail No	Unit	Serial Number	Aircraft Year	Aircraft Make	Aircraft Model
<input type="text" value="N816CP"/>	<input type="text" value="SER-FL-001"/>	<input type="text" value="18281251"/>	<input type="text" value="2003"/>	<input type="text" value="Cessna"/>	<input type="text" value="182T"/>
Aircraft Location - airport search	AMF Info	Aircraft Mission Status	Tach In	Limitation Status	
<input type="text" value="JAX - JACKSONVILLE, FL (JACKSONVILLE INTL)"/>	<input type="text" value="UNKNOWN"/>	<input type="text" value="Not Mission Capable"/>	<input type="text" value="2826.4"/>	<input type="text" value="--Select One--"/>	
Discrepancy 14 of 1500 characters	Area Impacted - optional	Mishap(N/Y)	Aircraft Status		
<input type="text" value="LMLG Tire worn"/>	<input type="text" value="--Select One--"/>	<input checked="" type="radio"/> N <input type="radio"/> Y	<input type="radio"/> Deferred <input checked="" type="radio"/> Grounded <input type="radio"/> Serviceable		
Estimate Amount	Upload Estimate Document	Invoice Amount	Upload Parts Request		
<input type="text" value="0.00"/>	<input type="button" value="Choose File"/> No file chosen	<input type="text" value="0.00"/>	<input type="button" value="Choose File"/> No file chosen		
Estimate Number		Invoice Number			
<input type="text"/>		<input type="text"/>			
Supporting Information 0 of 1500 characters	Urgency Justification Code	NHQ Approval / Action Required (N/Y)	Upload Additional Files		
<input type="text"/>	<input type="text" value="--Select One--"/>	<input checked="" type="radio"/> N <input type="radio"/> Y	<input type="button" value="Choose Files"/> No file chosen		

- If a discrepancy was entered in error you can either correct the error or close it out by updating the Aircraft Mission Status to FMC and selecting the “Serviceable” selector and go to the Closeout form by selecting the “Closeout” button. Once at the closeout form you would enter a statement such as “Discrepancy entered in error, no discrepancy exists” and closeout the discrepancy. Do not delete or change the original discrepancy entry. This was the opinion of the person who entered it and it should not be deleted or changed.
- If needed NHQ can delete erroneous entries to clean-up the aircraft records



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Enter New Discrepancy

Work Items

Open Discrepancies (12)

Reports
Aircraft Status
Aircraft Discrepancy
Aircraft Parts Order
Discrepancy Search

To see all aircraft discrepancy data or to return to a WOCN to continue to update, order parts, or closeout a discrepancy select the “Discrepancy Search” link under the Reports header

- [Link to Aircraft Maintenance Office Guidebook](#)
- [Link to NHQ /LGM Parts Request Form](#)
- [CAP Aircraft Management website](#)

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Report Filters

Tail Number

N101SP
N112CP
N116CP
N1191S

Unit

GLR-IL-001
GLR-IN-001
GLR-KY-001
GLR-MI-002

Serial Number

008703
008704
008705
008706

Year

1964
1966
1967
1970

Make

Blanik
Cessna
Firefly
Gippsland

Model

172N
172P
172Q
172R

Airport State

--Select One--

Airport (Based At)

Facility

ABLE AIR
ABS AVIONINCS
ACE AIRCRAFT REFINISHING
AERINOVA
AERO MAINTENANCE

Mission Status

Full Mission Capable
Not Mission Capable
Partial Mission Capable

Limitation Status

IFR Flight Prohibited
Inspection Required
Night Flight Prohibited
No Flight Restrictions

Aircraft Status

Deferred
Grounded
Serviceable

WOCN

Start Date

End Date

Mishap

No

Discrepancy

Open

- Search for the aircraft, or WOCN (Work Order Control Number) that you would like to closeout or update

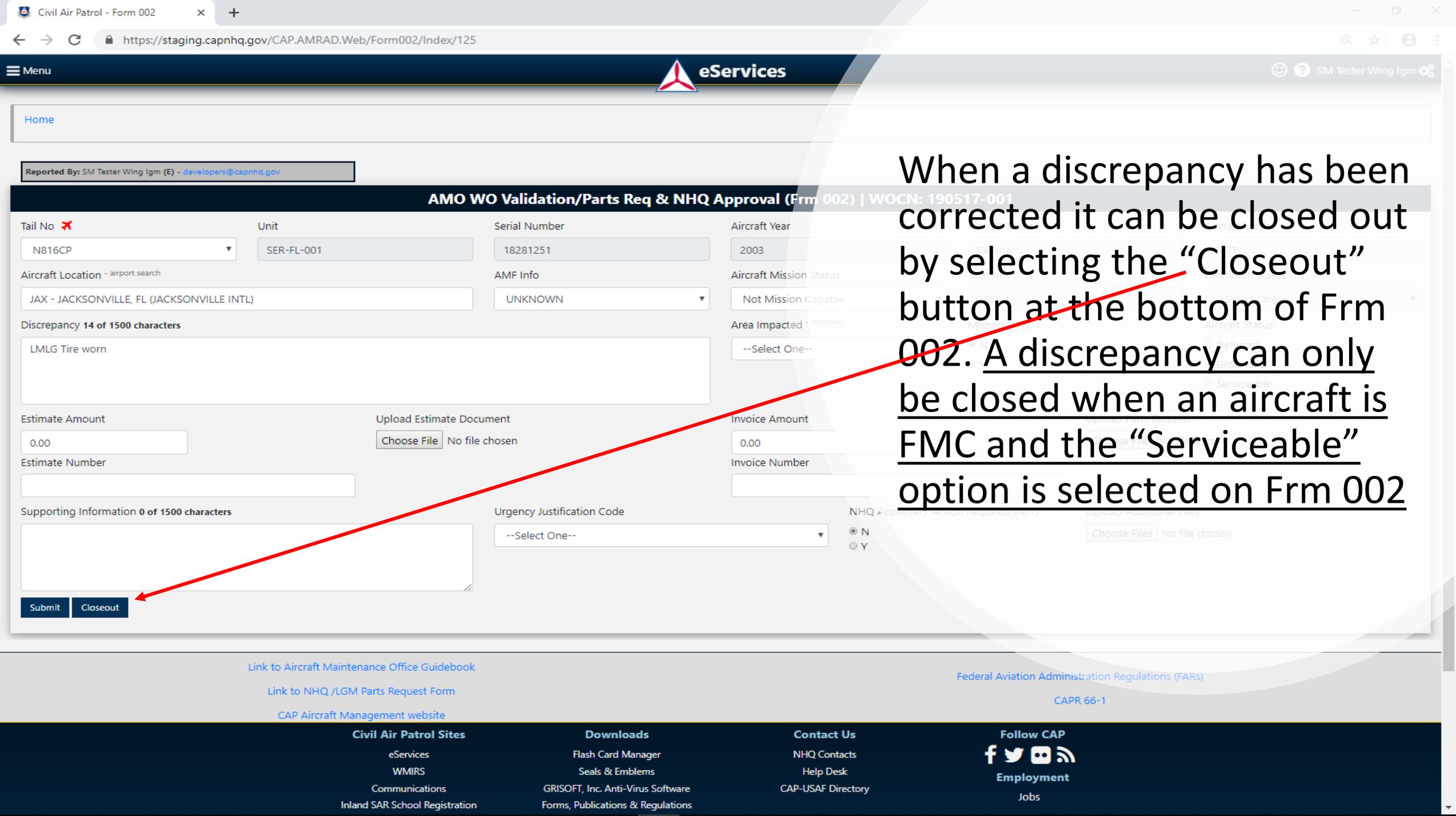
Show 100 entries

Search:

Tail No	Organization	WOCN	Status	Discrepancy	AMF	NHQ Approval?	Approval Notes	Parts Required?	Aircraft Location	Tach	Aircraft Status	Aircraft Mission Sta
N101SP 002 004	PCR-OR-016	181122-004	OPEN	Prop hit tow bar that I forgot to remove prior to engine start	CARPENTER AVIONICS, INC	No	Why didn't the pilot read that little shiny sticker that said to remove the tow bar prior to start	No	PDX - PORTLAND, OR (PORTLAND INTL)	5747.7	Grounded	
N101SP 002 004	PCR-OR-016	181204-001	OPEN	My seat buckle put a tear in the seat	COASTAL AIRCRAFT SERVICES	No		No	MGM - MONTGOMERY, AL (MONTGOMERY RGNL (DANNELLY FIELD))	5747.7	Grounded	
N101SP 002 004	PCR-OR-016	180904-014	OPEN	Cabin air knob inoperative	UNKNOWN	No		No		5684.1	Grounded	
N101SP 002 004	PCR-OR-016	180904-015	OPEN	Lower portion of windshield is cloudy in some parts of both pilot and copilot sides.	UNKNOWN	No		No		5684.1	Grounded	
N101SP 002 004	PCR-OR-016	180909-001	OPEN	09/08/18: Wayne Schulz reported #2 VOR inop. Ident was good, but the CI would not move from the center position regardless of what course was set. 09/20/18: Aero Maintenance determined the #2 VOR (K1206) needs replacement and is unable to conduct repairs on the unit. Aircraft is considered VFR/IFR airworthy with a working GPS and NAV1.	UNKNOWN	No		No		5687.1	Grounded	
N101SP 002 004	PCR-OR-016	180928-009	OPEN	Sun visors not installed correctly. Needs to be corrected. They can	UNKNOWN	No		No		0	Grounded	

- This report shows all discrepancy data related to a given WOCN
- You can see all open or closed discrepancy data
- You can return to a form to update information, request parts or closeout a discrepancy by clicking the [blue form 002](#) link

(Frm 002 is the AMO WO Validation/Parts Request form)



Home

Reported By: SM Tester Wing lgm (E) - developers@caphq.gov

AMO WO Validation/Parts Req & NHQ Approval (Frm 002) | WOCN: 190517-001

Tail No Unit Serial Number Aircraft Year

Aircraft Location - airport search AMF Info Aircraft Mission Status

Discrepancy 14 of 1500 characters Area Impacted - optional

Estimate Amount Upload Estimate Document No file chosen Invoice Amount

Estimate Number Invoice Number

Supporting Information 0 of 1500 characters Urgency Justification Code NHQ App N Y

When a discrepancy has been corrected it can be closed out by selecting the "Closeout" button at the bottom of Frm 002. A discrepancy can only be closed when an aircraft is FMC and the "Serviceable" option is selected on Frm 002

[Link to Aircraft Maintenance Office Guidebook](#)

[Link to NHQ /LGM Parts Request Form](#)

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[CAPR 66-1](#)

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[Home](#)Reported By: Rodger W. Kirkpatrick (P) - (334) 555-4235 (E) - noreply@capnhq.govAMO Submitted By: Rodger W. Kirkpatrick (P) - (334) 555-4235 (E) - noreply@capnhq.govNHQ Submitted By: Rodger W. Kirkpatrick (P) - (334) 555-4235 (E) - noreply@capnhq.gov**NHQ Parts Request Form has been started by:**
Rodger W. Kirkpatrick**Closeout Form | WOCN: 190118-005**

Tail No

Mission Status

Limitation Status

Tach In

Tach Out

Discrepancy

Corrective Action

[Link to Aircraft Maintenance Office Guidebook](#)[Federal Aviation Administration Regulations \(FARs\)](#)

- The Closeout form is used for entering a corrective action and closing out a discrepancy
- If hours need to be added due to ground maintenance runs etc. the “Tach Out” field can be used to update the tach data
- When entering the corrective action include all inspections completed and the major items replaced as part of the fix for this discrepancy
- Once a corrective action is entered click the “Submit” button to save your entry



AMRAD

(Aircraft Maintenance Repair and Documentation)

Enter New Discrepancy

Reports
Aircraft Status
Aircraft Discrepancy
Aircraft Parts Order
Discrepancy Search

Select the "Aircraft Status" link under the Reports header to view aircraft status, open discrepancies, closed discrepancies and the maintenance snapshot for an aircraft

[Link to Aircraft Maintenance Office Guidebook](#)

[Link to NHQ /LGM Parts Request Form](#)

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Aircraft Status Report

[Home](#)

Report Filters

Tail Number

N101SP
N112CP
N116CP
N1191S

Unit

GLR-IL-001
GLR-IN-001
GLR-KY-001
GLR-MI-002

Serial Number

008703
008704
008705
008706

Year

1964
1966
1967
1970

Make

Blanik
Cessna
Firefly
Gippsland

Model

172N
172P
172Q
172R

Airport State

--Select One--

Airport (Based At)

Facility

UNKNOWN
1 VISION AVIATION
ABAVIATION LLC
ABLE AIR

Mission Status

Full Mission Capable
Not Mission Capable
Partial Mission Capable

Limitation Status

IFR Flight Prohibited
Inspection Required
Night Flight Prohibited
No Flight Restrictions

Aircraft Status

Deferred
Grounded
Serviceable

WOCN

Start Date

End Date

Mishap

No
 Yes

Discrepancy

Open
 Closed

Filter Report

Clear Filters

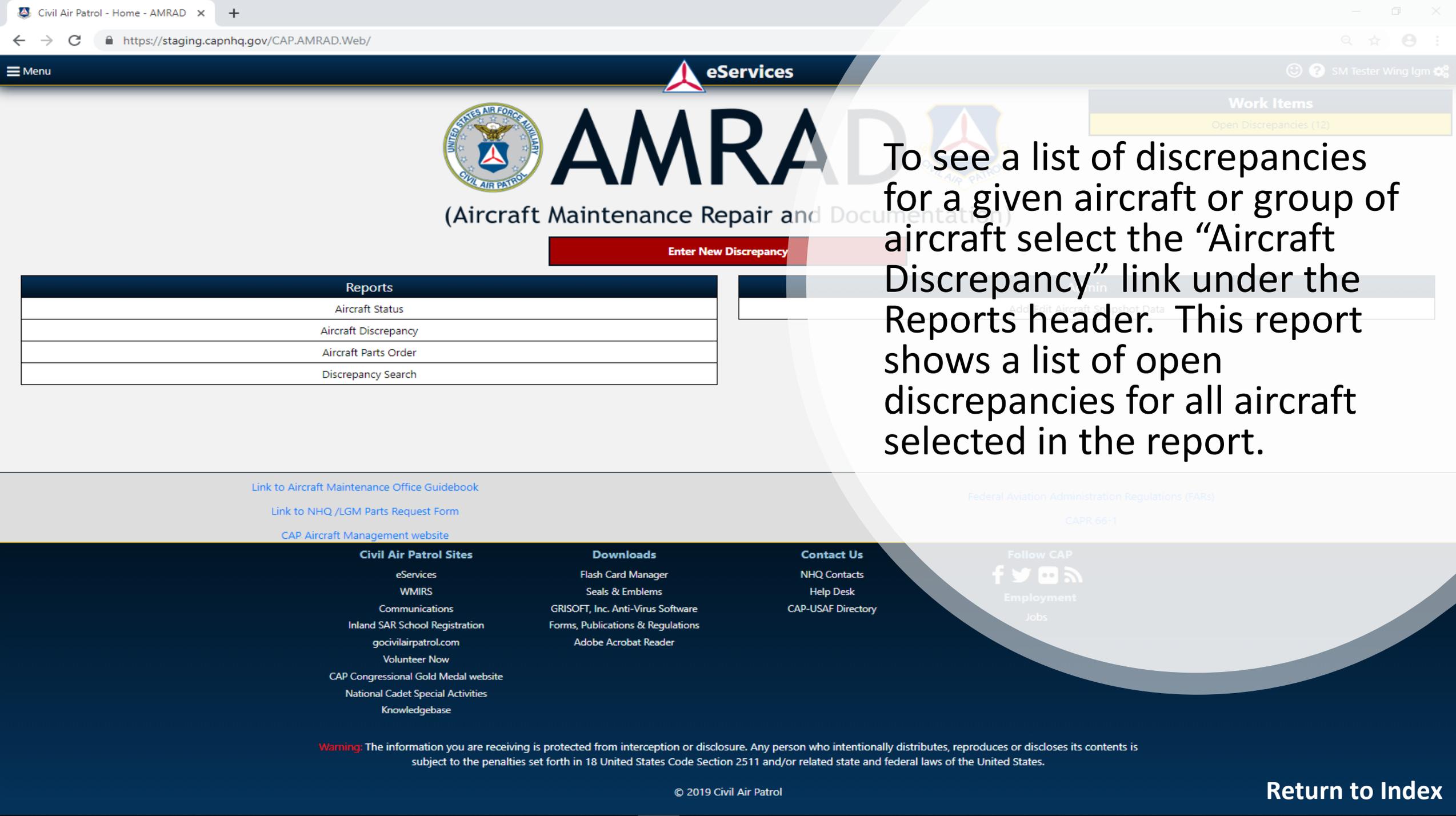
Export to Excel

- Select the desired filter option(s) and click the “Filter Report” button
- Multiple filter selections can be made across filter types or within a given filter by holding the “CTRL” or “Shift” key
- If you would like to deselect a filtered item hold the “CTRL” key and click the item

[Filter Report](#)[Clear Filters](#)[Export to Excel](#)Show entriesSearch:

TailNo	Year	Make	Model	Serial #	Aircraft Status	Mission Status
N1191S	1967	Schweizer	2-33A	201	Deferred	Not Mission Capable
N15111	2001	Firefly	7-15	F7-2010	Deferred	Not Mission Capable
N177CP	2012	Cessna	182T	18282338	Serviceable	Mission Capable
N188CP	2012	Cessna	182T	18282343	Serviceable	Mission Capable
N296CP	2007	Cessna	182T	18281995	Serviceable	Mission Capable
N305CP	2015	Cessna	172S	172S11532	Serviceable	Mission Capable
N323KW	1985	Cessna	182R	18268480	Serviceable	Mission Capable
N354CP	2005	Cessna	182T	18281506	Serviceable	Mission Capable
N360BA	1999	Blanik	L23	998701	Serviceable	Mission Capable
N370CP	2007	Cessna	182T	18282000	Serviceable	Mission Capable

- Once the report has been filtered the current status of the selected aircraft will be displayed
- To see the maintenance data for an aircraft select the blue aircraft tail number on the left
- To see a list of all open and closed discrepancies click the “View Discrepancies” link
- To see this report in an Excel spreadsheet click the “Export to Excel” button next to the filter buttons



Work Items

Open Discrepancies (12)



AMRAD

(Aircraft Maintenance Repair and Documentation)

Enter New Discrepancy

Reports

Aircraft Status
Aircraft Discrepancy
Aircraft Parts Order
Discrepancy Search

To see a list of discrepancies for a given aircraft or group of aircraft select the “Aircraft Discrepancy” link under the Reports header. This report shows a list of open discrepancies for all aircraft selected in the report.

[Link to Aircraft Maintenance Office Guidebook](#)

[Link to NHQ /LGM Parts Request Form](#)

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Report Filters

Tail Number

N101SP
N112CP
N116CP
N1191S

Unit

GLR-IL-001
GLR-IN-001
GLR-KY-001
GLR-MI-002

Serial Number

008703
008704
008705
008706

Year

1964
1966
1967
1970

Make

Blanik
Cessna
Firefly
Gippsland

Model

172N
172P
172Q
172R

Airport State

--Select One--

Airport (Based At)

Facility

UNKNOWN
1 VISION AVIATION
ABAVIATION LLC
ABLE AIR

Mission Status

Full Mission Capable
Not Mission Capable
Partial Mission Capable

Limitation Status

IFR Flight Prohibited
Inspection Required
Night Flight Prohibited
No Flight Restrictions

Aircraft Status

Deferred
Grounded
Serviceable

WOCN

Start Date

End Date

Mishap

No
 Yes

Discrepancy

Open
 Closed

Filter Report

Clear Filters

Export to Excel

- Select the desired filter option(s) and click the “Filter Report” button
- Multiple filter selections can be made across filter types or within a given filter by holding the “CTRL” or “Shift” key
- If you would like to deselect a filtered item hold the “CTRL” key and click the item

Tail No ↑↓	Unit ↑↓	WOCN ↑↓	Aircraft Status ↑↓	Aircraft Mission Status ↑↓	Limitation Status ↑↓	Discrepancy ↑↓	Corrective Action ↑↓	Serial Number ↑↓	Year ↑↓
N101SP	PCR-OR-016	181122-004	Grounded	Full Mission Capable		Prop hit tow bar that I forgot to remove prior to engine start		18268562	19
N101SP	PCR-OR-016	181204-001	Grounded	Full Mission Capable		My beat buckle put a tear in the seat		18268562	19
N101SP	PCR-OR-016	181212-008	Grounded	Full Mission Capable		VACUUM PUMP FAILED	R2 Vacuum Pmp	18268562	19
N101SP	PCR-OR-016	181212-008	Grounded	Full Mission Capable		VACUUM PUMP FAILED	R2 Vacuum Pmp	18268562	19
N101SP	PCR-OR-016	091219-001	Grounded	Full Mission Capable		nose tire flat, also 100 hr due	ouelletterg - 12/19/2009 00:17:21 annual completed, tire repaired A&P certification received ouelletterg - 01/14/2010 22:53:24	18268562	19
N101SP	PCR-OR-016	100108-002	Grounded	Full Mission Capable		Annual due	Annual completed Tire replaced Certification by A&P	18268562	19

- The Aircraft Discrepancy Report shows the discrepancies for the aircraft selected
- It is designed as a quick reference to easily review open and closed discrepancies for a group of aircraft



eServices AMRAD



(Aircraft Maintenance Repair and Documentation)

Work Items
Open Discrepancies (78)

[Enter New Discrepancy](#)

Reports
Aircraft Status
Aircraft Discrepancy
Aircraft Maintenance
Aircraft Parts Order
Discrepancy Search

To see all of the maintenance data for an aircraft in a report format select the "Aircraft Maintenance" link under the Reports header.

[Link to Aircraft Maintenance Office Guidebook](#)

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Aircraft Maintenance Report

Report Filters

Tail Number N101SP N112CP N115CP N116CP	Region/Wing <input type="checkbox"/> Unit Only GLR-GLR-001 MAR-MAR-001 NCR-NCR-001 NER-NER-001	Serial Number 008703 008704 008705 008706	Year 1964 1966 1967 1970
Make Blanik Cessna Firefly Gippsland	Model 172N 172P 172R 172S	Airport State (Based At from Maintenance Data) AK AL AR AS	Airport (Based At from Maintenance Data) --Select One--
Facility UNKNOWN 1 VISION AVIATION 45 NORTH AVIATION ABAVIATION LLC	Mission Status Full Mission Capable Not Mission Capable Partial Mission Capable	Limitation Status IFR Flight Prohibited Inspection Required Night Flight Prohibited No Flight Restrictions	Aircraft Status Deferred Grounded Serviceable
WOCN <input type="text"/>	Start Date <input type="text"/>	End Date <input type="text"/>	Mishap <input type="radio"/> No <input type="radio"/> Yes Discrepancy <input type="radio"/> Open <input type="radio"/> Closed

Show 100 entries

Search:

TailNo	Year	Make	Model	Serial #	Location	Aircraft Status	Mission Status	Limitation Status	Unit	Tach	AMF	Engine Time SMOH	Prop Time SMOH	Gov Time SMOH	Engine Due Overhaul TTAF	Prop Due Overhaul TTAF	Gov Due Overhaul TTAF	Engine Due
N101SP	1986	Cessna	182R	18268562	LMT	Grounded	Not Mission Capable		PCR-OR-016	5785.10	AERO MAINTENANCE	563.20	563.20	563.20	7221.6			8/31/2026

- The Aircraft Maintenance Data Report shows all of the maintenance data for an aircraft in a report format that can be exported to Excel.
- It can be used to graph maintenance times etc. or show upcoming maintenance and time change items etc.



AMRAD

(Aircraft Maintenance Repair and Documentation)

Enter New Discrepancy

Reports
Aircraft Status
Aircraft Discrepancy
Aircraft Parts Order
Discrepancy Search

To see Parts Order information select the "Aircraft Parts Order" link under the Reports header. This report shows the parts ordered for a given aircraft, wing or region and the tracking status for each order. The AMO will not receive a notification that parts have or have not been ordered, this report will need to be checked routinely to see this information

[Link to Aircraft Maintenance Office Guidebook](#)

[Link to NHQ /LGM Parts Request Form](#)

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Report Filters

Tail Number

N101SP
N112CP
N116CP
N1191S

Unit

GLR-IL-001
GLR-IN-001
GLR-KY-001
GLR-MI-002

Serial Number

008703
008704
008705
008706

Year

1964
1966
1967
1970

Make

Blanik
Cessna
Firefly
Gippsland

Model

172N
172P
172Q
172R

Airport State

--Select One--

Airport (Based At)

Facility

UNKNOWN
1 VISION AVIATION
ABAVIATION LLC
ABLE AIR

Mission Status

Full Mission Capable
Not Mission Capable
Partial Mission Capable

Limitation Status

IFR Flight Prohibited
Inspection Required
Night Flight Prohibited
No Flight Restrictions

Aircraft Status

Deferred
Grounded
Serviceable

WOCN

Start Date

End Date

Mishap

Discrepancy

- Filter the report to show the aircraft, wing or region you would like to see

WOCN	Unit	Tail #	P/N	Part Nomenclature	Qty	Vendor Name	Cost (each)	Date Ordered	Tracking #
190118-003	SER-AL-001	N1432E	K30008	SB1-15A DISTRIBUTOR GEAR	2	QUALITY AIRCRAFT ACCESSORIES	\$0.00	1/31/2019 8:16:16 AM	
190118-004	SER-AL-001	N99532	K30008	SB1-15A DISTRIBUTOR GEAR	1	QUALITY AIRCRAFT ACCESSORIES	\$0.00	1/18/2019 10:37:04 AM	
190118-005	SER-FL-001	N159CP	CSN021101,24(M4x30)	SCREW 30010430	3	NHQ STOCK	\$0.00	3/26/2019 1:41:19 PM	
190118-005	SER-FL-001	N159CP	CSN021103,44(M5x12)	"BOLT (HAD CSN0201103,44 ON THE BAG)"	2	NHQ STOCK	\$0.00	3/26/2019 1:41:19 PM	
190118-005	SER-FL-001	N159CP	01-0770044-00	STROBE TUBE	2	NHQ STOCK	\$0.00	3/26/2019 1:41:19 PM	
190118-005	SER-FL-001	N159CP	0513512-9	FLOORBOARD COVER	1	NHQ STOCK	\$0.00	3/26/2019 1:41:19 PM	
190118-007	PCR-CA-428	N2037T	1234RH	RH RUDDER CABLE	1	NHQ STOCK	\$0.00	1/18/2019 3:02:04 PM	
190118-007	PCR-CA-428	N2037T	1234LH	LH RUDDER CABLE	1	NHQ STOCK	\$0.00	1/18/2019 3:02:04 PM	
190221-002	SER-FL-001	N159CP	K3008	SB1-15A DISTRIBUTOR GEAR	2	QUALITY AIRCRAFT ACCESSORIES	\$0.00	2/21/2019 11:16:14 AM	
181210-005	SWR-AZ-102	N542CP	987654	Gasket	2	AERO COMPONENTS & ELECTRONICS LLC	\$3.00	12/18/2018 9:15:22 AM	
181107-002	SER-FL-001	N159CP	110-123456	Test Part 3	15	AEROPARTS & SUPPLY SOUTHWEST, INC.	\$14.25	12/26/2018 8:00:01 AM	
181210-006	PCR-NV-001	N130CP	10-04166	ELECTRONICS INTERNATIONAL AL-1 BLUE CHROME ANNUNCIATOR LIGHT	5	AERO COMFORT	\$15.25	1/22/2019 2:39:18 PM	
190312-002	GLR-IN-001	N99599	UREM38E	SPARK PLUGS	8	TEXTRON AVATION (CESSNA)	\$24.92	3/13/2019 6:40:44 PM	
181025-004	NER-NH-001	N169CP	DGR3	REGULATOR	1	CUMULUS SOARING, INC.	\$25.00	1/17/2019 9:44:45 AM	
181107-002	SER-FL-001	N159CP	10-654312654	New Part 1	2	AERO COMFORT	\$25.00	12/26/2018 8:00:01 AM	135468749641341698

- The parts ordered for the filtered aircraft that have open discrepancies will be displayed
- Date ordered and tracking information (once received from vendor) is shown
- Click on the blue Tail # to see the aircraft maintenance data for each aircraft

Parts Order Report

[Home](#) | [Export Data to Excel](#)

Report Filters

Tail Number

N101SP
N112CP
N116CP
N1191S

Unit

GLR-IL-001
GLR-IN-001
GLR-KY-001
GLR-MI-002

Serial Number

008703
008704
008705
008706

Year

1964
1966
1967
1970

Make

Blanik
Cessna
Firefly
Gippsland

Model

172N
172P
172Q
172R

Airport State

--Select One--

Airport (Based At)

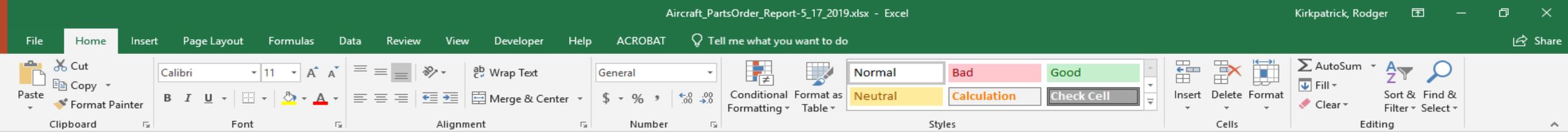
Facility

Mission Status

Limitation Status

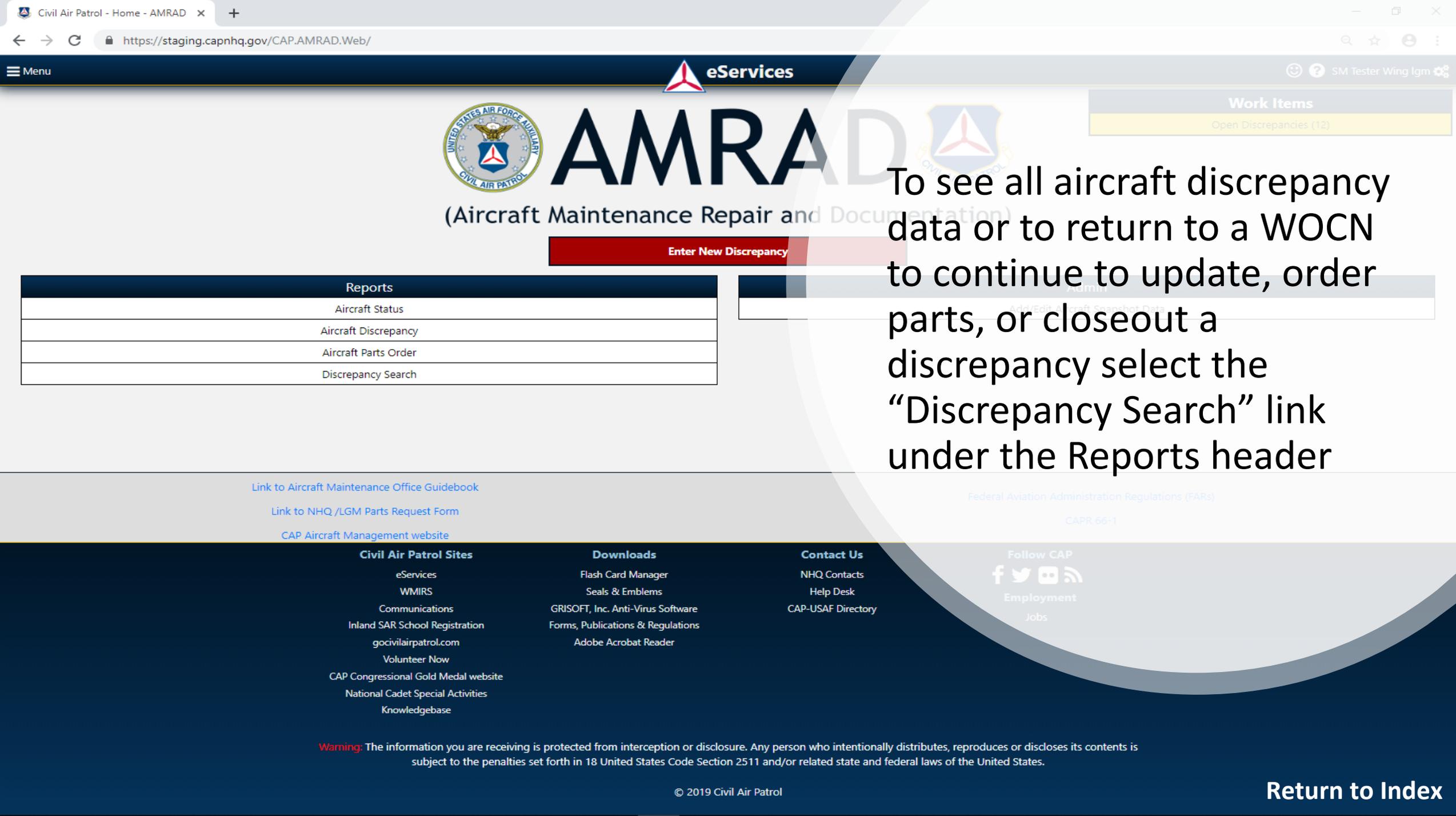
Aircraft Status

- To see all of the parts data in a spreadsheet click the “Export Data to Excel” link at the top of the Parts Order Report



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Price	Quantity	VendorName	VendorNotes	VendorEmailAddress	ShippingPriority	DateProcessed	WOCN	WorkOrderStatus	Region	Wing	Unit	VendorPh	TrackingN	TailNo	PartNum	PartDescription
2	5000	1	AIRCRAFT QUALITY INSTRUMENTS, INC.	S/N 1334987u43	SERVICE@AQI.COM	FedEx - 2 Day	03/26/2019	190118-005	OPEN	SER	FL	001	800-942-9938	N159CP	10-03288	EI AP 7V ANNU	
3	500	1	AIRCRAFT BELTS, INC.		INFO@AIRBELTS.COM	FedEx - 2 Day	03/26/2019	190118-005	OPEN	SER	FL	001	800-847-5651	N159CP	110-12345	Test Part 3	
4	450	1	Wink's Wing Shop		katrinacolemanj@yahoo.com	FedEx - 2 Day	03/26/2019	190118-005	OPEN	SER	FL	001	3342726091	N159CP	204419-78	Adapter: Engin	
5	0	3	NHQ STOCK		garthurs@capnhq.gov	Ground	03/26/2019	190118-005	OPEN	SER	FL	001	3349537748	N159CP	CSN02110	SCREW 300104	
6	0	2	NHQ STOCK		garthurs@capnhq.gov	Ground	03/26/2019	190118-005	OPEN	SER	FL	001	3349537748	N159CP	CSN02110	"BOLT (HAD CS	
7	0	2	NHQ STOCK		garthurs@capnhq.gov	Ground	03/26/2019	190118-005	OPEN	SER	FL	001	3349537748	N159CP	01-077004	STROBE TUBE	
8	0	1	NHQ STOCK		garthurs@capnhq.gov	Ground	03/26/2019	190118-005	OPEN	SER	FL	001	3349537748	N159CP	0513512-9	FLOORBOARD	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	

- All the data for a given parts order search can be ordered, arranged and filtered using the features available in Excel



AMRAD

(Aircraft Maintenance Repair and Documentation)

Enter New Discrepancy

Work Items
Open Discrepancies (12)

Reports
Aircraft Status
Aircraft Discrepancy
Aircraft Parts Order
Discrepancy Search

To see all aircraft discrepancy data or to return to a WOCN to continue to update, order parts, or closeout a discrepancy select the “Discrepancy Search” link under the Reports header

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Report Filters

Tail Number

N101SP
N112CP
N116CP
N1191S

Unit

GLR-IL-001
GLR-IN-001
GLR-KY-001
GLR-MI-002

Serial Number

008703
008704
008705
008706

Year

1964
1966
1967
1970

Make

Blanik
Cessna
Firefly
Gippsland

Model

172N
172P
172Q
172R

Airport State

--Select One--

Airport (Based At)

Facility

ABLE AIR
ABS AVIONINCS
ACE AIRCRAFT REFINISHING
AERINOVA
AERO MAINTENANCE

Mission Status

Full Mission Capable
Not Mission Capable
Partial Mission Capable

Limitation Status

IFR Flight Prohibited
Inspection Required
Night Flight Prohibited
No Flight Restrictions

Aircraft Status

Deferred
Grounded
Serviceable

WOCN

Start Date

End Date

Mishap

No

Discrepancy

Onen

- Search for the aircraft, wing or region you would like to see using the report filters

Show 100 entries

Search:

Tail No ↑	Organization ↑	WOCN ↑	Status ↑	Discrepancy ↑	AMF ↑	NHQ Approval? ↑	Approval Notes ↑	Parts Required? ↑	Aircraft Location ↑	Tach ↑	Aircraft Status ↑	Aircraft Mission Stat
N101SP002 004	PCR-OR-016	181122-004	OPEN	Prop hit tow bar that I forgot to remove prior to engine start	CARPENTER AVIONICS, INC	No	Why didn't the pilot read that little shiny sticker that said to remove the tow bar prior to start	No	PDX - PORTLAND, OR (PORTLAND INTL)	5747.7	Grounded	
N101SP002 004	PCR-OR-016	181204-001	OPEN	My seat buckle put a tear in the seat	COASTAL AIRCRAFT SERVICES	No		No	MGM - MONTGOMERY, AL (MONTGOMERY RGNL (DANNELLY FIELD))	5747.7	Grounded	
N101SP002 004	PCR-OR-016	180904-014	OPEN	Cabin air knob inoperative	UNKNOWN	No		No		5684.1	Grounded	
N101SP002 004	PCR-OR-016	180904-015	OPEN	Lower portion of windshield is cloudy in some parts of both pilot and copilot sides.	UNKNOWN	No		No		5684.1	Grounded	
N101SP002 004	PCR-OR-016	180909-001	OPEN	09/08/18: Wayne Schulz reported #2 VOR inop. Ident was good, but the CI would not move from the center position regardless of what course was set. 09/20/18: Aero Maintenance determined the #2 VOR (K1206) needs replacement and is unable to conduct repairs on the unit. Aircraft is considered VFR/IFR airworthy with a working GPS and NAV1.	UNKNOWN	No		No		5687.1	Grounded	
N101SP002 004	PCR-OR-016	180928-009	OPEN	Sun visors not installed correctly. Needs to be corrected. The	UNKNOWN	No		No		0	Grounded	

- This report shows all discrepancy data related to a given WOCN
- You can see all open or closed discrepancy data
- You can return to a form to update information, request parts or closeout a discrepancy by clicking the **blue** form link

(Frm 002 is the AMO WO Validation/Parts Request form, Frm 004 is the Closeout form)



AMRAD



(Aircraft Maintenance Repair and Documentation)

Work Items

Open Discrepancies (78)

Enter New Discrepancy

To see an abbreviated report of all open and closed aircraft discrepancies with limited filtering, select the "Pilot Report" link under the Reports header

Reports

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Report Filters

Tail Number

N101SP
N112CP
N116CP
N1191S

Unit

GLR-IL-001
GLR-IN-001
GLR-KY-001
GLR-MI-002

Discrepancy

Open
 Closed

[Filter Report](#)[Clear Filters](#)[Export to Excel](#)Show entriesSearch:

WOCN	Work Order Status	Tail #	Discrepancy Date	Area Impacted	Discrepancy	Aircraft Status	Limitation Status	Mission Status	Found By	Notes
------	-------------------	--------	------------------	---------------	-------------	-----------------	-------------------	----------------	----------	-------

No data available in table

- Search for the aircraft, wing or region you would like to see using the report filters
- Select the Open or Closed filter to see only those discrepancies or leave these filters unselected to see all discrepancies for a given selection

WOCN	Work Order Status	Tail #	Discrepancy Date	Area Impacted	Discrepancy	Aircraft Status	Limitation Status	Mission Status	Found By	Notes	Date Closed	Closed By
180904-014	OPEN	N101SP	9/4/2018 11:46:59 PM	Interior/Exterior	Cabin air knob inoperative	Deferred	No Flight Restrictions	Full Mission Capable	David J Shoemaker	Deferred to the next maintenance inspection per CFR 91.213 and CFR 91.405. No Flight Restriction		
180904-015	OPEN	N101SP	9/4/2018 11:51:39 PM	Other	Lower portion of windshield is cloudy in some parts of both pilot and copilot sides.	Deferred	No Flight Restrictions	Full Mission Capable	David J Shoemaker	Deferred to the next maintenance inspection per CFR 91.213 and CFR 91.405. No Flight Restriction		
180909-001	OPEN	N101SP	9/9/2018 3:46:39 AM	Flight Instrument/Avionics	09/08/18: Wayne Schulz reported #2 VOR inop. Ident was good, but the CI would not move from the center position regardless of what course was set. 09/20/18: Aero Maintenance determined the #2 VOR (K1206) needs replacement and is unable to conduct repairs on the unit. Aircraft is considered VFR/IFR airworthy with a working GPS and NAV1.	Deferred	No Flight Restrictions	Full Mission Capable	Daniel W Bradley	Deferred to the next maintenance inspection per CFR 91.213 and CFR 91.405. No Flight Restriction		
180928-009	OPEN	N101SP	9/28/2018 4:33:50 PM	Interior/Exterior	Sun visors not installed correctly. Needs to be corrected. They can look at N9433E to see how they should be done if they want to argue.	Deferred	No Flight Restrictions	Full Mission Capable	Richard T Weichman Jr	Deferred to the next maintenance inspection per CFR 91.213 and CFR 91.405. No Flight Restriction		
181102-023	OPEN	N101SP	11/2/2018 9:34:49 PM	Flight Instrument/Avionics	Standby Vacuum Pump System Inop.	Deferred	IFR Flight Prohibited	Full Mission Capable	Gary L Fink	Deferred to the next maintenance inspection per CFR 91.213 and CFR 91.405. IFR Flight Prohibited		
181122-001	OPEN	N101SP	11/22/2018 12:14:48 PM	Powerplant/Engine	Prop hit tow bar that I forgot to	Deferred	IFR Flight Prohibited	Not Mission Capable	Rodger W Kirkpatrick			

- This is an abbreviated discrepancy report designed for quick reference
- It can be printed by using your browsers print function

Print

Total: 1 sheet of paper

Print

Cancel

Destination Konica_LG

Pages All

Copies 1

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More settings

Paper size 8 1/2x11

Pages per sheet 1

Margins Default

Scale Custom

Two-sided

Options

Print using system dialog... (Ctrl+Shift+P)

Pilot Report

WOCN: 180904-014 (OPEN) | **Tail #:** N101SP **Discrepancy Date:** 9/4/2018 **Found By:** David J Shoemaker
Discrepancy: Cabin air knob inoperative
Notes: Deferred to the next maintenance inspection per CFR 91.213 and CFR 91.405. No Flight Restriction
Aircraft Status: Deferred **Limitation Status:** No Flight Restrictions **Mission Status:** Full Mission Capable

WOCN: 180904-015 (OPEN) | **Tail #:** N101SP **Discrepancy Date:** 9/4/2018 **Found By:** David J Shoemaker
Discrepancy: Lower portion of windshield is cloudy in some parts of both pilot and copilot sides.
Notes: Deferred to the next maintenance inspection per CFR 91.213 and CFR 91.405. No Flight Restriction
Aircraft Status: Deferred **Limitation Status:** No Flight Restrictions **Mission Status:** Full Mission Capable

WOCN: 180909-001 (OPEN) | **Tail #:** N101SP **Discrepancy Date:** 9/9/2018 **Found By:** Daniel W Bradley
Discrepancy: 09/08/18: Wayne Schulz reported #2 VOR inop. Ident was good, but the CI would not move from the center position regardless of what course was set. | 09/20/18: Aero Maintenance determined the #2 VOR (KI206) needs replacement and is unable to conduct repairs on the unit. Aircraft is considered VFR/IFR airworthy with a working GPS and NAV1.
Notes: Deferred to the next maintenance inspection per CFR 91.213 and CFR 91.405. No Flight Restriction
Aircraft Status: Deferred **Limitation Status:** No Flight Restrictions **Mission Status:** Full Mission Capable

WOCN: 180909-009 (OPEN) | **Tail #:** N101SP **Discrepancy Date:** 9/28/2018 **Found By:** Richard T Weichman Jr
Discrepancy: Sun visors not installed correctly. Needs to be corrected. They can look at N9433E to see how they should be done if they want to argue.
Notes: Deferred to the next maintenance inspection per CFR 91.213 and CFR 91.405. No Flight Restriction
Aircraft Status: Deferred **Limitation Status:** No Flight Restrictions **Mission Status:** Full Mission Capable

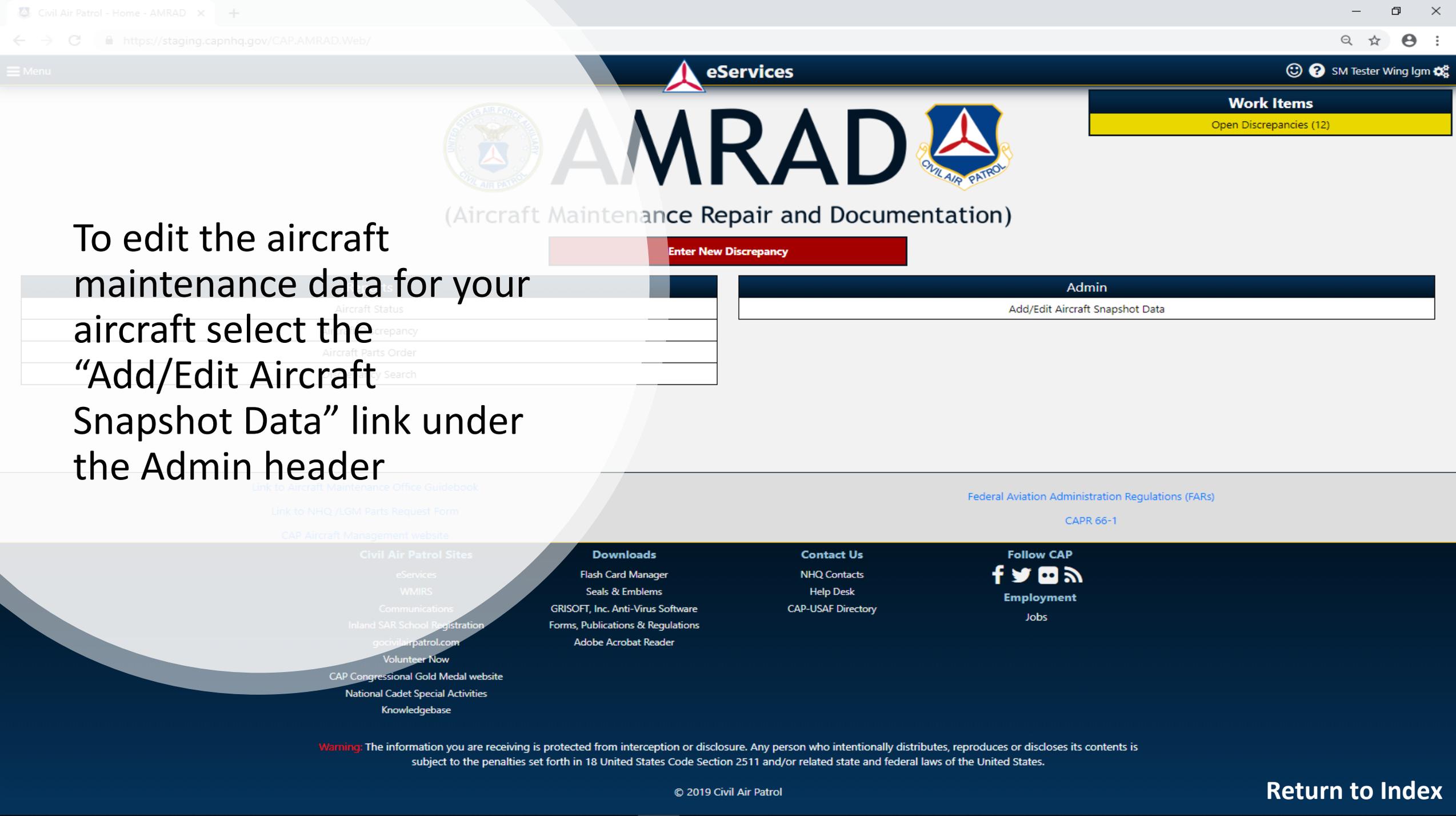
WOCN: 181102-023 (OPEN) | **Tail #:** N101SP **Discrepancy Date:** 11/2/2018 **Found By:** Gary L Fink
Discrepancy: Standby Vacuum Pump System Inop.
Notes: Deferred to the next maintenance inspection per CFR 91.213 and CFR 91.405. IFR Flight Prohibited
Aircraft Status: Deferred **Limitation Status:** IFR Flight Prohibited **Mission Status:** Full Mission Capable

WOCN: 181122-004 (OPEN) | **Tail #:** N101SP **Discrepancy Date:** 11/22/2018 **Found By:** Rodger W Kirkpatrick
Discrepancy: Prop hit tow bar that I forgot to remove prior to engine start
Notes:
Aircraft Status: Deferred **Limitation Status:** IFR Flight Prohibited **Mission Status:** Not Mission Capable

WOCN: 181204-001 (OPEN) | **Tail #:** N101SP **Discrepancy Date:** 12/4/2018 **Found By:** Spencer J Young
Discrepancy: My seat buckle put a tear in the seat
Notes:
Aircraft Status: Grounded **Limitation Status:** **Mission Status:** Not Mission Capable

- Notice that this report comes up formatted for easy use

- If you need to increase the font size you can use the scale function to make it print larger



To edit the aircraft maintenance data for your aircraft select the “Add/Edit Aircraft Snapshot Data” link under the Admin header



AMRAD



(Aircraft Maintenance Repair and Documentation)

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Home

Enter Snapshot Data

Tail No

TTAF

- Select the desired tail number from the dropdown list at the top left of the form.

- The top half of the form lists time change items and inspections

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/1	TTAF Du
Airframe	Cessna	182R	18268562					
Engine	Continental	O-470-U36B	470549	5700	150	5/23/2019	3008.90	
Propeller	N/A	N/A	N/A	5700	410.3	8/27/2014	3008.90	
Prop Gov	N/A	N/A	N/A	5700	410.3	8/27/2014	3008.90	
Lt Magneto	N/A	N/A	N/A	5700	5137.5	5/23/2019	3008.90	
Rt Magneto	N/A	N/A	N/A	5700	5137.5	5/23/2019	3008.90	

	Date C/W	Due Date
Carbon Mon Det		
Registration		
Acft Batt Replac		
Acft Wash		
Last GPS Update		

- The bottom half of the form lists other pertinent aircraft data
- Detailed instructions for each block follow this page
- Once updates are complete click the “Save Updates” button at the bottom of the form



Save Updates

MX Officer CAPID	<input type="text"/>
Call Sign	<input type="text"/>
Based At	State: <input type="text" value="--Select One--"/> Based at: <input type="text"/>
Max Take Off Weight	<input type="text"/>
Empty Weight	<input type="text"/>
Useable Fuel (Gal)	<input type="text"/>
Useable Fuel Wt (lbs)	<input type="text"/>
Useful Load with Full Fuel	<input type="text"/>
Horsepower	<input type="text"/>
Nose Gear TP (PSI)	<input type="text"/>
Main Gear TP (PSI)	<input type="text"/>
Oil Type	<input type="text" value="--Select One--"/>
ELT Model/Type	<input type="text"/>
Comments	<input type="text"/>

Tail No

N640CP

TTAF when the item on the left was Overhauled (OH) or Inspected (Insp)

Date when the item on the left was Overhauled (OH) or Inspected (Insp)

TTAF when the item on the left is due Overhaul (OH) or Inspection (Insp)

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/I	TTAF Due OH/Insp	Tach Due OH/Insp	Date Due OH/Insp
Airframe	Cessna	182T	18281518							
Engine	Lycoming	IO-540-AB1A5	L-30000-48A							
Propeller	McCaughey									
Prop Gov	N/A									
Lt Magneto	N								2979.1	
Rt Magneto	N				2479.1					

Tach time when the item on the left was Overhauled (OH) or Inspected (Insp)

Time Since Major Overhaul or Inspection (SMOH/I) of the item on the left. This is a calculation based on the current TTAF and TTAF OH/Insp field

Tach time when the item on the left is due Overhaul (OH) or Inspection (Insp)

NOTE: All fields except for "Time SMOH/I" on this sheet are manual inputs and calculations in this version of AMRAD

Date when the item on the left is due Overhaul (OH) or Inspection (Insp)

	Date C/W	TTAF C/W	Tach C/W	Due Date	TTAF Item Due	Tach Time Item Due
Annual	8/13/2019	2818	2818			
100hr	8/13/2019					
Mid-Term Oil Chg						
ELT Batt						
Corrosion Ctrl						
IFR Certification				4/29/2021		

Date when item on the left was last Complied With (C/W)

TTAF when item on the left was last Complied With (C/W)

Tach time when item on the left was last Complied With (C/W)

Date when item on the left is next due

TTAF when item on the left is next due

Tach time when item on the left is next due

Enter Maintenance Data for Aircraft

Tail No: TTAF: Tach:

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/I	TTAF Due OH/Insp	Tach Due OH/Insp	Date Due OH/Insp
Airframe	Cessna	182T	18281518							
Engine	Lycoming	IO-540-AB1A5	L-30000-48A							
Propeller	McCaughey	B3D36C431	041925		93.4					
Prop Gov	N/A	N/A	N/A		93.4					
Lt Magneto	N/A	N/A	N/A		2479.1				2979.1	
Rt Magneto	N/A	N/A	N/A		2479.1				2979.1	

If these fields show N/A or have incorrect data entered please find the data in the logbooks or by physically inspecting the aircraft and send this information to your POC at NHQ/LGM so that it can be input into ORMS



	Date C/W	TTAF C/W	Tach C/W	Due Date	TTAF Item Due	Tach Time Item Due
Annual	8/13/2019	2818	2818			
100hr	8/13/2019		2818			2918
Mid-Term Oil Chg	12/15/2019		2862.1	5/30/2020		2912.1
ELT Batt				7/30/2024		
Corrosion Ctrl	8/13/2019					
IFR Certification				4/29/2021		

Example of completed entries, your values may differ due to different TBO or overhaul/inspection due times.

Enter

Tail No: TTAF:

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/I	TTAF Due OH/Insp	Tach Due OH/Insp	Date Due OH/Insp
Airframe	Cessna	182T	18282172							
Engine	Lycoming	IO-540-AB1A5	L-32390-48E	1969.50	1969.50	04/24/2018	371.20	3969.50	3969.50	04/29/2030
Propeller	McCaughey	B3D36C431/80VSA-1	190714	2263.90	2263.90	11/06/2019	76.80			2025
Prop Gov	McCaughey	DC290D1-F/T8	090187	2263.90	2263.90	11/06/2019	76.80			2024
Lt Magneto	Slick	6351	07050451	1983.50	1983.50	03/09/2018	357.20	2483.50	2483.50	04/29/2030
Rt Magneto	Slick	6351	07050453	1983.50	1983.50	03/09/2018	357.20	2483.50	2483.50	04/29/2030

This data resides in the engine or airframe logbooks and can be gathered and entered here.

	Date C/W	TTAF C/W	Tach C/W	Due Date	TTAF Item Due	Tach Time Item Due
Annual	11/04/2019	2263.90	2263.90	11/30/2020		
100hr	11/04/2019	2263.90	2263.90		2363.90	2363.90
Mid-Term Oil Chg	01/21/2020	2316.30	2316.30	06/30/2020	2366.30	2366.30
ELT Batt				05/27/2024		
Corrosion Ctrl	04/22/2018			04/22/2020		
IFR Certification				08/27/2021		

Example of completed entries, your values may differ due to different TBO or overhaul/inspection due times.

Enter

Tail No: N169CP
 TTAF: 2340.70
 2340.60

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/I	TTAF Due OH/Insp	Tach Due OH/Insp	Date Due OH/Insp
Airframe	Cessna	182T	18282172							
Engine	Lycoming	IO-540-AB1A5	L-32390-48E	1969.50	1969.50	04/24/2018	371.20	3969.50	3969.50	04/29/2030
Propeller	McCaughey	B3D36C431/80VSA-1	190714	2263.90			76.80	4663.90	4663.90	11/29/2025
Prop Gov	McCaughey	DC290D1-F/T8	090187	2263.90			76.80	4263.90	4263.90	11/29/2024
Lt Magneto	Slick	6351	07050451	1983.50			357.20	2483.50	2483.50	04/29/2030
Rt Magneto	Slick	6351	07050453	1983.50	1983.50	03/09/2018	357.20	2483.50	2483.50	04/29/2030

TBO data is found in the manufacturer's SBs, SIs or maintenance manuals. If you have any questions please contact NHQ for clarification.

	Date C/W	TTAF C/W	Tach C/W	Due Date	TTAF Item Due	Tach Time Item Due
Annual	11/04/2019	2263.90	2263.90	11/30/2020		
100hr	11/04/2019	2263.90	2263.90		2363.90	2363.90
Mid-Term Oil Chg	01/21/2020	2316.30	2316.30	06/30/2020	2366.30	2366.30
ELT Batt				05/27/2024		
Corrosion Ctrl	04/22/2018			04/22/2020		
IFR Certification				08/27/2021		

Example of completed entries, your values may differ due to different TBO or overhaul/inspection due times.

Enter

Tail No: TTAF:

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/I	TTAF Due OH/Insp	Tach Due OH/Insp	Date Due OH/Insp
Airframe	Cessna	182T	18282172							
Engine	Lycoming	IO-540-AB1A5	L-32390-48E	1969.50	1969.50	04/24/2018	371.20	3969.50	3969.50	04/29/2030
Propeller	McCaughey	B3D36C431/80VSA-1	190714			11/06/2019	76.80	4663.90	4663.90	11/29/2025
Prop Gov	McCaughey	DC290D1-F/T8	090187			11/06/2019	76.80	4263.90	4263.90	11/29/2024
Lt Magneto	Slick	6351	07050451			03/09/2018	357.20	2483.50	2483.50	04/29/2030
Rt Magneto	Slick	6351	07050453	1983.50	1983.50	03/09/2018	357.20	2483.50	2483.50	04/29/2030

These times are calculated based on TTAF OH/Insp and current TTAF.



	Date C/W	TTAF C/W	Tach C/W	Due Date	TTAF Item Due	Tach Time Item Due
Annual	11/04/2019	2263.90	2263.90	11/30/2020		
100hr	11/04/2019	2263.90	2263.90		2363.90	2363.90
Mid-Term Oil Chg	01/21/2020	2316.30	2316.30	06/30/2020	2366.30	2366.30
ELT Batt				05/27/2024		
Corrosion Ctrl	04/22/2018			04/22/2020		
IFR Certification				08/27/2021		

Enter Maintenance Data for Aircraft

Tail No

N169CP

TTAF

2340.70

Tach

2340.60

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/L	TTAF Due OH/Insp	Tach Due OH/Insp	Date Due OH/Insp
Airframe	Cessna	182T	1828172							
						04/24/2018				
						11/06/2019	76.80	4663.90	4663.90	11/29/2025
						11/06/2019	76.80	4263.90	4263.90	11/29/2024
						03/09/2018	357.20	2483.50	2483.50	04/29/2030
						03/09/2018	357.20	2483.50	2483.50	04/29/2030

Tach time reported is the Last Tach entered in WMIRS from the last sortie recorded. If the Tach is off please check the last sortie recorded for errors.

TTAF is calculated based on the DATE of the last annual and the TTAF at the last annual which both must be entered manually after the annual is completed.

NOTE: Per CAPR 66-1 para 3.9 TTAF is “the total operating time on an aircraft’s Airframe... as determined by the aircraft tachometer”. This is not to be confused with Hobbs time which is not used in maintenance calculations.

$$TTAF = (\text{MaxTach since last Annual} - \text{MinTach since last Annual}) + \text{TTAF at last Annual}$$

	Date C/W	TTAF C/W	Tach C/W	Due Date	TTAF Item Due	Tach Time Item Due
Annual	11/04/2019	2263.90	2263.90	11/30/2020		
100hr	11/04/2019	2263.90	2263.90		2363.90	2363.90
Mid-Term Oil Chg	01/21/2020	2316.30	2316.30	06/30/2020	2366.30	2366.30
ELT Batt				05/27/2024		
Corrosion Ctrl	04/22/2018			04/22/2020		
IFR Certification				08/27/2021		

Example of completed entries, your values may differ due to different TBO or overhaul/inspection due times.

Enter

Tail No: TTAF:

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/I	TTAF Due OH/Insp	Tach Due OH/Insp	Date Due OH/Insp
Airframe	Cessna	182T	18282172							
Engine	Lycoming	IO-540-AB1A5	L-32390-48E	1969.50	1969.50	04/24/2018	371.20	3969.50	3969.50	04/29/2030
Propeller	McCaughey	B3D36C43				01/01/2019	76.80	4663.90	4663.90	11/29/2025
Prop Gov	McCaughey	DC290D1-F				01/01/2019	76.80	4263.90	4263.90	11/29/2024
Lt Magneto	Slick	6351	07050451	1983.50	1983.50	03/09/2018	357.20	2483.50	2483.50	04/29/2030
Rt Magneto	Slick	6351	07050453	1983.50	1983.50	03/09/2018	357.20	2483.50	2483.50	04/29/2030

The annual due date is 12 calendar months from the last due date. If the annual inspection was completed on 12 Jan 20 the annual inspection is due no later than 31 Jan 21.

	Date C/W	TTAF C/W	Tach C/W	Due Date	TTAF Item Due	Tach Time Item Due
Annual	11/04/2019	2263.90	2263.90	11/30/2020		
100hr	11/04/2019	2263.90	2263.90		2363.90	2363.90
Mid-Term Oil Chg	01/21/2020	2316.30	2316.30	06/30/2020	2366.30	2366.30
ELT Batt				05/27/2024		
Corrosion Ctrl	04/22/2018			04/22/2020		
IFR Certification				08/27/2021		

Example of completed entries, your values may differ due to different TBO or overhaul/inspection due times.

Enter

Tail No: TTAF:

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/I	TTAF Due OH/Insp	Tach Due OH/Insp	Date Due OH/Insp
Airframe	Cessna	182T	18282172							
Engine	Lycoming	IO-540-AB1A5	L-32390-48E	1969.50	1969.50	04/24/2018	371.20	3969.50	3969.50	04/29/2030
Propeller	McCaughey	B3D36C43				9	76.80	4663.90	4663.90	11/29/2025
Prop Gov	McCaughey	DC290D1-F				9	76.80	4263.90	4263.90	11/29/2024
Lt Magneto	Slick	6351				8	357.20	2483.50	2483.50	04/29/2030
Rt Magneto	Slick	6351	07050453	1983.50	1983.50	03/09/2018	357.20	2483.50	2483.50	04/29/2030

Don't forget to have every 100hr inspection signed off as an annual inspection. This will help prevent overflying an annual inspection unless you are flying less than 100hrs per year in which case we need to have a different conversation.

	Date C/W	TTAF C/W	Tach C/W	Due Date	TTAF Item Due	Tach Time Item Due
Annual	11/04/2019	2263.90	2263.90	11/30/2020		
100hr	11/04/2019	2263.90	2263.90		2363.90	2363.90
Mid-Term Oil Chg	01/21/2020	2316.30	2316.30	06/30/2020	2366.30	2366.30
ELT Batt				05/27/2024		
Corrosion Ctrl	04/22/2018			04/22/2020		
IFR Certification				08/27/2021		

Example of completed entries, your values may differ due to different TBO or overhaul/inspection due times.

Enter

Tail No: N169CP
 TTAF: 2340.70
 2340.60

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/I	TTAF Due OH/Insp	Tach Due OH/Insp	Date Due OH/Insp
Airframe	Cessna	182T	18282172							
Engine	Lycoming	IO-540-AB1A5	L-32390-48E	1969.50	1969.50	04/24/2018	371.20	3969.50	3969.50	04/29/2030
Propeller	McCaughey	B3D36C431/80VSA-1	190714	2263.90	2263.90	11/06/2019	76.80	4663.90	4663.90	11/29/2025
Prop Gov	McCaughey	DC290D1-F/T8	090187	2263.90	2263.90	11/06/2019	76.80	4263.90	4263.90	11/29/2024
Lt Magneto	Slick	6351	07050451	1983.50	1983.50	03/09/2018	357.20	2483.50	2483.50	04/29/2030
Rt Magneto	Slick	6351				18	357.20	2483.50	2483.50	04/29/2030

The oil change due date per CAPR 66-1 para. 7-1 is based on a conservative version of "6 calendar months" designed to ensure the engine oil never exceeds 6 months in service and differs slightly from the annual calculation. If the oil change was completed on 12 Jan 20 the annual inspection is due no later than 30 Jun 20.

	Date C/W			Date	TTAF Item Due	Tach Time Item Due
Annual	11/04/2019			11/30/2020		
100hr	11/04/2019	2263.90	2263.90		2363.90	2363.90
Mid-Term Oil Chg	01/21/2020	2316.30	2316.30	06/30/2020	2366.30	2366.30
ELT Batt				05/27/2024		
Corrosion Ctrl	04/22/2018			04/22/2020		
IFR Certification				08/27/2021		

Example of completed entries, your values may differ due to different TBO or overhaul/inspection due times.

Enter

Tail No: TTAF:

	Make	Model	Serial #	TTAF OH/Insp	Tach OH/Insp	Date OH/Insp	Time SMOH/I	TTAF Due OH/Insp	Tach Due OH/Insp	Date Due OH/Insp
Airframe	Cessna	182T	18282172							
Engine	Lycoming	IO-540-AB1A5	L-32390-48E	1969.50	1969.50	04/24/2018	371.20	3969.50	3969.50	04/29/2030
Propeller	McCaughey	B3D36C431/80VSA-1	190714	2263.90	2263.90	11/06/2019	76.80	4663.90	4663.90	11/29/2025
Prop Gov	McCaughey	DC290D1-F/T8	090187	2263.90	2263.90	11/06/2019	76.80	4263.90	4263.90	11/29/2024
Lt Magneto	Slick	6351	07050451	1983.50	1983.50	03/09/2018	357.20	2483.50	2483.50	04/29/2030
Rt Magneto	Slick	6351	07050453	1983.50	1983.50	03/09/2018	357.20	2483.50	2483.50	04/29/2030

	Date C/W	TTAF C/W	Tach C/W	Due Date	TTAF Item Due	Tach Time Item Due
Annual	11/04/2019	2263.90	2263.90	11/30/2020		
100hr	11/04/2019	2263.90			2363.90	2363.90
Mid-Term Oil Chg	01/21/2020	2316.30			2366.30	2366.30
ELT Batt				05/27/2024		
Corrosion Ctrl	04/22/2018			04/22/2020		
IFR Certification				08/27/2021		

Both of these fields should be filled in with the date this event occurred if known.

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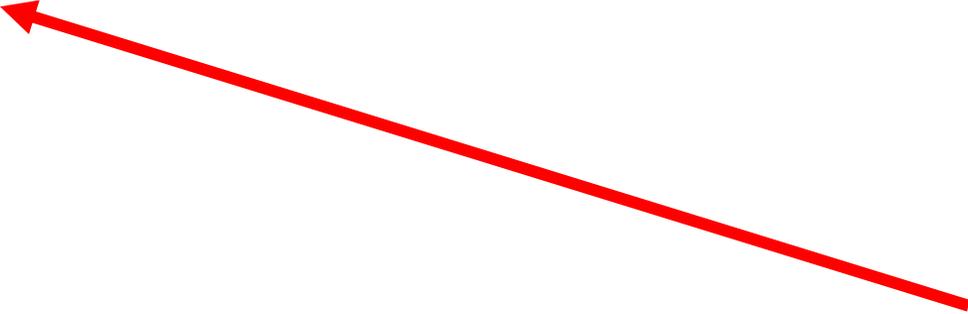
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Select the “Current Aircraft Maintenance Snapshot” link to go to the newly revised Current Aircraft Maintenance Snapshot report

WMIRS 2.0 - Current Aircraft Maintenance Snapshot

Home > Support > Maintenance Module > Current Aircraft Maintenance Snapshot

		Last Tach (Hours)	Last Flown (Date)	Hours Flown In Last 30 Days	Next Oil Change Due (Tach)	Hours To Next Oil Change	Next Oil Change Due (Date)	Hours To Next 100-Hour/ Annual	Next 100-Hour/ Annual Due (Tach)	Next 100-Hour/ Annual Due (Date)	Hours To Next Engine Overhaul	Engine Overhaul Due (Date)	Next Corrosion Proofing Due (Date)	Next IFR Certification Due (Date)	ELT Battery Change Due (Date)	Left Magneto Inspection Due (Tach)	Right Magneto Inspection Due (Tach)	Prop Overhaul Due (Tach)	Prop Overhaul Due (Date)	Prop Governor Overhaul Due (Tach)	Prop Governor Overhaul Due (Date)	TTAF	
*Wing SER-FL-001																							
Tail #: N101SP ✖ AC Type: 182R Callsign: 3601 Status: FMC Based At: 87FL View Open Discrepancies (7)		5747.70	10/30/2018	0	0	-5675.5	02/22/2019	0.0	5673.9	05/23/2019	2000	05/23/2031				6242	6242	7742	05/23/2021	7742	08/27/2021	8708.90	AIF Cover
Tail #: N128CP ✖ AC Type: MT-7-235 Callsign: 9428 Status: FMC Based At: BKV View Open Discrepancies (5)		1807.80	10/31/2018	0	0	-1807.8		-1807.8	0		0					0	0	0		0		1807.80	AIF Cover
Tail #: N351CP ✖ AC Type: 182T Callsign: 832 Status: FMC Based At: PNS View Open Discrepancies (6)		2918.10	01/09/2019	0	0	-2878.6		-2878.6	0		0					0	0	0		0		2917.70	AIF Cover
Tail #: N406CV ✖ AC Type: 182T Callsign: 826 Status: FMC Based At: CRG		597.20	01/06/2019	0	0	-561.1		-561.1	0		0					0	0	0		0		600.30	AIF Cover

- The Current Maintenance Snapshot Report has been updated to have more relevant and useable data. Notice the new data fields that are reported.
- Select the “View Open Discrepancies” link to see open acft discrepancies
- Select the red aircraft icon to view the maintenance data for an aircraft
- This report can be printed by using your browser’s print function

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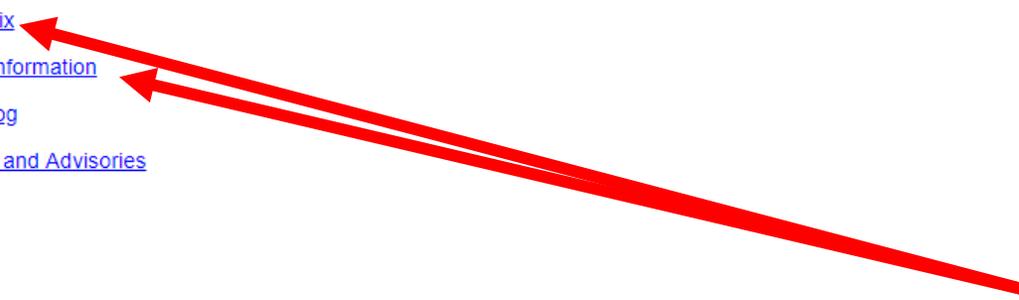
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Select the “Aircraft Resource Matrix” or “Update Maintenance Information” link to go to the AMRAD “Add/Edit Aircraft Information” form

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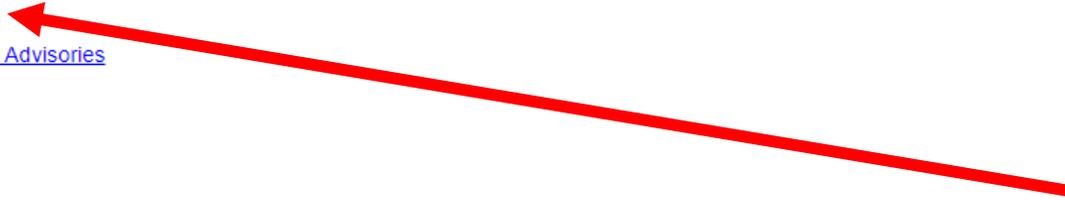
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Select the “Aircraft Discrepancy Log” link to view open or closed discrepancies for any aircraft. This will open the “Pilot’s Report” in AMRAD.

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Select the “Garmin Aviation Alerts and Advisories” link to go to the Garmin Aviation Alerts and Advisories page.

AMRAD is designed to provide relevant, real-time aircraft status, discrepancy tracking, visibility to upcoming required maintenance and inspections and the ability to track repairs and parts information to facilitate better decision making in the field and accelerate required inspections and repairs. Please use the Helpdesk link at the bottom of the AMRAD home screen to report problems or issues.



AMRAD



(Aircraft Maintenance Repair and Documentation)

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