HAvRel Website

Basic Training

https://havrel.honeywell.com/

Over 3,500 Users now Including Internal and External Customers

For additional Advanced Training
Log into HAvRel And Go to the Help Menu

HAvRel Website

- Overview
- **Basics**
 - Log In
 - Left Bar
 - Visual Navigation
- **Dynamic Reports**
 - Categories
 - Criteria
 - Layout
 - Related Reports
 - Sorting
 - Drill Fields
 - Downloading Data
 - Printing
 - Which report to use?
- **Static Reports**
 - Categories
 - Current / Archived
 - Downloading
- Feedback
- Contacts

Honeywell

PRODUCTS & SERVICES

INDUSTRY EXPERTISE

TECHNOLOGY

NEWS & EVENTS

CONTACT & SUPPORT

Menu items above link to external Honeywell Corporate Websites

TIP: Hover over links on the HAvRel Website for more information

HAVRel HOME

- LOG IN to HAvRel
- VISUAL NAVIGATION
- REPORTS
- HELP/TRAINING/TERMS
- CONTACT US
- RELIABILITY CONTACTS
- REQUEST NEW LOGIN
- Quick Links
- HAvRel Site Map
- Other New Logins
- Application Info
- RM&SS Wiki
- Quick MTBUR / MTBF
- Tech Pubs

HAvRel

Honeywell Aviation Reliability

Welcome

What is HAvRel?

The HAvRel website provides easy access to Aerospace Reliability data and Avionics & Mechanical Shop Repair Records. More Info?

Kev Features:

- Shop Record Reports (Live Shop Repair Queries)
- Summary Reports (4 Ups, MTBUR/MTBF and NFF)
- Static Reports (Snapshots/Reports, previously sent to Customers)>.

New to HAvRel?

Go to our Quick Start Guide

Tips for Using HAvRel:

- The blue left menu provides primary navigation.
- Hover over an item to see additional information, then click on the item to make your selection.
- Most selections will require that you login.
- The Visual Navigation Screen provides an additional intuative method for navigation.
- The Help Section will prove in valuable in making the best use of this site.
- The Help Menu contains two HAvRel training links.
- Use Feedback for questions or comments.

Visual Navigation

Click "Visual Navigation" to Navigate

In a hurry? Now you can get Quick MTBUR/MTBF. This runs a lengthy report so please be patient.

Data Coverage:

HAVRel contains Shop Repair Records for Aviation Products since January 2000. This data is updated every evening for most products and weekly for others. Shop Repair Records have been consolidated from the Quality Data System (QDS), WSC, the Olathe Data Warehouse (ODW), eFindings and from Legacy AlliedSignal data systems and shops. Summary Data (MTBUR/MTBF) for selected products is also available.

Other Info:

First Time Users: Please go to the Help Section then click HAvRel Basic Training. This short PowerPoint Presentation will help acquaint you with HAVRel and provide guidance in its use.

Terms & Conditions | Privacy Statement | Site Map

© Copyright Honeywell International Inc 2002-2018

Honeywell

Overview - HAvRel Website

- HAvRel
 - Honeywell Aviation Reliability
- **Purpose**
 - To provide quick access to reliability information on Honeywell units in the
- URL
 - https://havrel.honeywell.com
- User Responsibility
 - Do NOT share Honeywell proprietary and/or customer sensitive information with any external parties unless explicit agreements are in place allowing for such sharing to take place. Examples:
 - Don't share Continental data with Southwest.
 - Don't share Airbus data with Boeing.
 - Don't share Continental's Boeing fleet data with Airbus.
 - Use data provided responsibly.
 - If you are unsure of what report to run or how to interpret or use the data PLEASE contact anyone in the Product Reliability Group (See Contacts link).
 - HAvRel contains data Classified as Export Controlled, so exercise caution when using it.

Honeywell

CONTACTUS

Quick Links

. HAvRel Site Map

. Other New Logins

- RM&SS Wiki . Quick MTBUR / MTBF

. Tech Pubs

RELIABILITY CONTACTS



- The HAvRel website provides easy access to Aerospace Reliability data and Avionics & Mechanical Shop Repair Records. More Info?
- Key Features:
- Shop Record Reports (Live Shop Repair Queries)
- Summary Reports (4 Ups, MTBUR/MTBF and NFF) - Static Reports (Snapshots/Reports, previously sent to Customers)>.
- New to HAvRel?

Go to our Quick Start Guide Application Info

- Tips for Using HAvRel:
- The blue left menu provides primary navigation. - Hover over an item to see additional information,
- then click on the item to make your selection.
- Most selections will require that you login. - The Visual Navigation Screen provides an
- additional intuative method for navigation. The Help Section will prove in valuable in making
- the best use of this site. - The Help Menu contains two HAvRel training links.
- Use Feedback for questions or comments.



In a hurry? Now you can get Quick MTBUR/MTBF. This runs a lengthy report so please be patient.

Data Coverage:

HAVRel contains Shop Repair Records for Aviation Products since January 2000. This data is updated every evening for most products and weekly for others. Shop Repair Records have been consolidated from the Quality Data System (QDS), WSC, the Olathe Data Warehouse (ODW), eFindings and from Legacy AlliedSignal data systems and shops. Summary Data (MTBUR/MTBF) for selected products is also available.

First Time Users: Please go to the Help Section then click HAvRel Basic Training. This short PowerPoint Presentation will help acquaint you with HAVRel and provide quidance in its use.

Copyright Honeywell International Inc 2002-2018



Basics - HAvRel Website

Log in

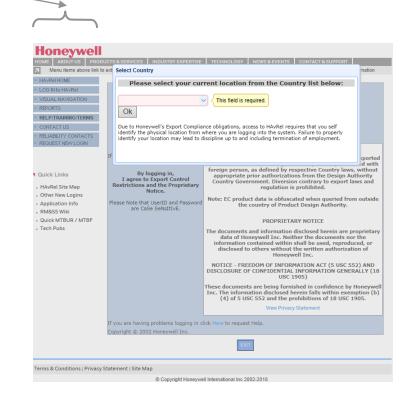
- Password protected.
- Use "Request Login" link to request access to site.

Navigation

- Expires after 30 minutes of inactivity.
- Login is your Main LDAP account.
- Login Country is also required

Navigation

- The blue bar on the left side of the page is the starting point to get to all locations on the site.
- Additional Menus will appear to further narrow in on your desired area.
- You can also use Visual Navigation which is an interactive Site Map.

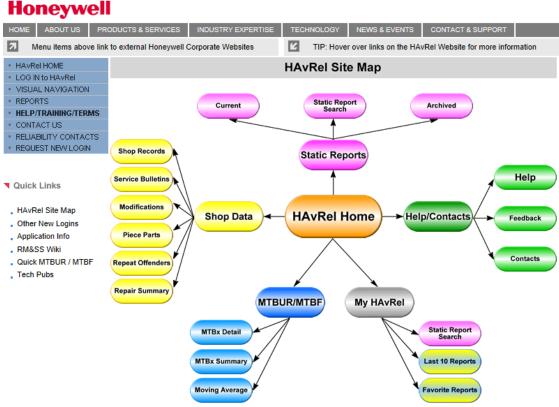




Basics - HAvRel Website

Visual Navigation

- Provides a Site Map that contains active links.
- Hover over each Icon to see what is available under the link.
- Major Areas
 - Static Reports
 - Shop Data
 - Summary Data (MTBUR/MTBF)
 - MyHAvRel
 - Help/Contacts
- Click the lcon to go to the page or report of interest.



Terms & Conditions | Privacy Statement | Site Map

© Copyright Honeywell International Inc 2002-2018



Categories

- Over seventy total reports divided into several categories.
- Hover over Categories to see the reports contained in each one.
- Click on category to go to the reports available in that category.
- Click on the desired report link to see report criteria page.

Criteria

- Enter the criteria you're searching for in the corresponding text entry field.
- "Hover" pointer over criteria entry field for additional info.
- Click (i) icon for additional help info.
- Some reports have Advanced Criteria search fields.
 - Click "Advanced Criteria" on the criteria page to show them.
- The Date format is "MM/DD/YYYY".
- Click "Show Report" it render report.



This Report is based on shop records. Some records

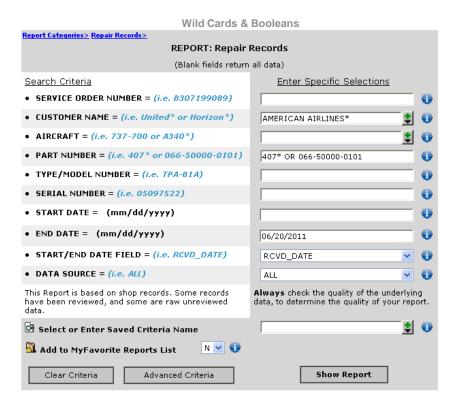
Advanced Criteria

Select or Enter Saved Criteria Name

Clear Criteria

Criteria (cont'd)

- The wildcard character (*) can be used anywhere in the search text in any search field (except Date fields).
 - E.g. To get results for all part numbers starting with 066-50000 enter "066-50000*"
 - E.g. To get results for all 737 Aircraft enter "737*"
- Tip: When searching on Customer Name, since no standard customer naming convention exists, use wildcards to get best match.
 - E.g. To get all results for American Airlines enter "American Airline*" to include any possible occurrences of variations like American Airlines, American Airlines Inc., American Airlines Ltd., American Airlines Corp., etc.
- Use of Booleans (OR, AND) are allowed.
 - E.g. To see results for part number 4055907-903 or any part number starting with 066 enter "4055907-903 OR 066*"
 - E.g. To see results that contain "FLUCTUATE" and "NEEDLE" enter "*FLUCTUATE* AND *NEEDLE*"



Honeywell

Layout

- Header and footer are standard for each report
- Header contains report title, disclosure notice and criteria block
- Criteria block contains criteria for the current report. The Modify criteria Button brings up the criteria page for the current report to allow changes.
- The body of the report varies depending on the report type selected.

Related Reports

- Provides one-click access to reports related to the currently displayed report.
- Passes all existing criteria to the selected report without the need to reenter criteria.



Honeywell CES Product Reliability								
G468965	AMERICAN AIRLINES	066-50000- 2120	1327	ESO-50281 SHOWS PROCESSOR FAIL	UNK	01-24-2003		
	AIRLINES	2120		TEST PROPERLY				
				F	ooter			

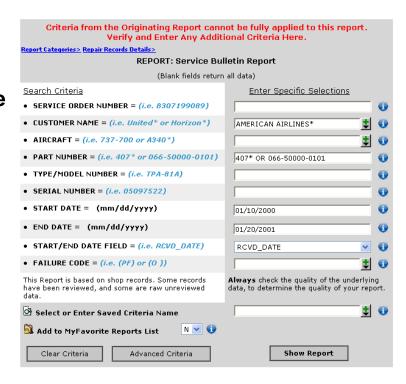


Related Reports (cont'd)

If the requested report does not recognize one of the criteria passed, the criteria page for the report will appear containing whatever criteria is recognized by the report and a warning, "Criteria from the Originating Report cannot be fully applied to this report. Verify and Enter Any Additional Criteria Here."

Sorting

- Sorting capabilities are provided in many reports.
- Use the sort widget above each column to select the sort order and direction.
- Click the Sort Columns button when ready.
 - E.g. To sort a Repair Records report to see any repeat returns of serial number ordered by date, select "1st" and "^" (Ascending) for the Serial Number field and "2nd" and "^" for the Received Date field.
- Sorting Does Not change the existing criteria for the current report.





Honeywell

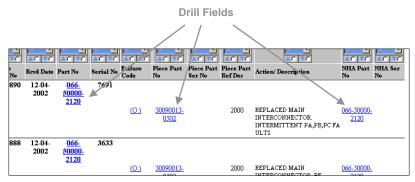
Drill Fields

- Several reports show data in fields that are "drillable".
 - These show up in the returned data as clickable links.
- When clicked, the report is reloaded with the criteria for that field set equal to the value that was clicked.
 - E.g. For a piece part report that showed various piece parts replacements on 066-5000 returns, click on 30090013-0502 to see only replacements of that piece part.
- Drill Fields Do change the existing criteria for the report.

Downloading data

- Many reports provide a method for downloading data in a comma separated value (csv) file.
- Look for the "Download .CSV File" link.

.CSV File



Downloading data



Static Reports - HAvRel Website

Static Reports

 Report, "Snapshots in Time" that have been delivered to the customer.

Current Static Reports

 Provides the latest copy of each report in the Category.

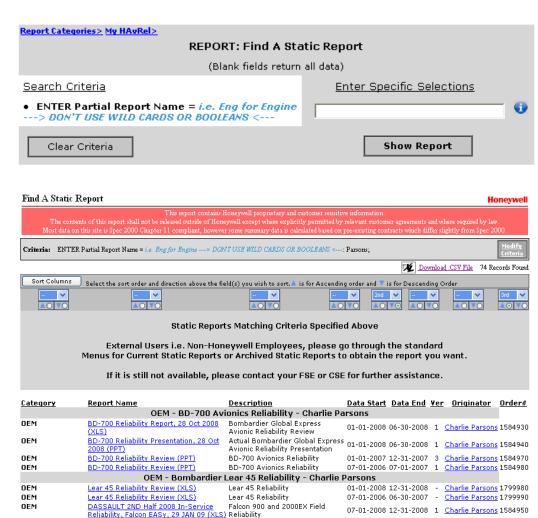
Archived Static Reports

 Allows access to all reports available in the Category over time.

Report Categories>	
REPORT CATEGORY:	Current-Static Reports
	•
Reports	Report Descriptions
<u>Latest-Static Aircraft Systems Reports</u>	Current Aircraft Systems Component MTBUR
<u>Latest-Static APU Reports</u>	Current APU Reports
<u>Latest-Static Avionics Reports</u>	Current Avionics Reports
<u>Latest-Static Metrics Reports</u>	Current Data Metrics Reports
<u>Latest-Static Engines Reports</u>	Current Engines Reports
<u>Latest-Static Military Reports</u>	Current Military Reports
<u>Latest-Static OEM Reports</u>	Current OEM Reports
<u>Latest-Static Operator Reports</u>	Current Operator Reports
	Pt- P
n	Reports Received from External Sources
Reports Rcv'd from External Sources	
Latest Chatia Bassata Bassat forces OFM	Comment Descrite Described from OFMs
Latest-Static Reports Royd from OEMs	Current Reports Received from OEMs
<u>Latest-Static Reports Rcvd from</u> Operators	Current Reports Received from Operators
∾ Proprietary Notice and Disclaimer ∾	The information contained in these Reports is
	the property of Honeywell, and except for rights expressly granted by contract, the
	information may not, in whole or in part, be
	duplicated or disclosed without prior written
	permission.
Report Categories>	
REPORT CATEGORY:	Archived-Static Reports
	•
<u>Reports</u>	Report Descriptions
Archived-Static Aircraft Systems Reports	Archived Aircraft Systems Component MTBUR
Archived-Static APU Reports	Archived APU Reports
Archived-Static Avionics Reports	Archived Avionics Reports
Archived-Static Metrics Reports	Archived Data Metrics Reports
Archived-Static Engines Reports	Archived Engines Reports
Archived-Static Military Reports	Archived Military Reports
Archived-Static OEM Reports	Archived OEM Reports
Archived-Static Operator Reports	Archived Operator Reports
	Reports Received from External Sources
Reports Rcv'd from External Sources	
	-
Archived-Static Reports Royd from OEMs	Archived Reports Received from OEMs
Archived-Static Reports Royd from	Archived Reports Received from Operators
<u>Operators</u>	
∾ Proprietary Notice and Disclaimer ∾	The information contained in these Reports is
∾ Proprietary Notice and Disclaimer ∾	the property of Honeywell, and except for
	rights expressly granted by contract, the
	information may not, in whole or in part, be
	duplicated or disclosed without prior written
	permission.
	Honeywell

Static Reports - HAvRel Website

- Static Report Search/Find a Static Report
 - Enter a portion of any bit of data you have about the report.
 - i.e.
 - APU retrieves all reports with APU in the meta data
 - Parsons retrieves all reports created by Charlie Parsons
 - 737 retrieves all reports which have 737 in the meta data
 - Once the Static Reports List is returned, click on the report you want to view.
 - The report will then be displayed.
 - If you have Questions, click the Originators Name to send them an email.



Printing

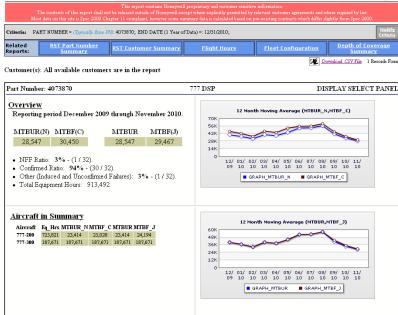
- The default printing setup on most browsers should work well in most cases.
- Some reports contain very wide content. If the reported you're printing falls off the page try the following:
 - Adjust page margins.
 - Switch from Portrait to Landscape.
 - Select a larger paper size.
- To print reports exactly as they appear in the browser window turn printing of background colors and images on.

• Which report to use?

 If you are unsure of which report to use or how to use it, *PLEASE* contact someone in the Product Reliability Group (see Contacts). Inappropriate sharing of data can lead to legal problems.



MTBURN MTBFC 4 Ups



Feedback - HAvRel Website

Feedback page

- If you cannot find what you need on HELP or in the FAQs or in the Terms section of Help:
 - Use the feedback page to provide any feedback including questions, problems, requests, etc..
 - Feedback can be anonymous if desired, although to answer questions or respond to requests, we will need some way to contact you.
- For items unrelated to RM&SS Reporting please call:

The Honeywell Customer Response Center at 877-436-2005 for assistance.

Contacts

- Feedback can also be provided via the contacts page.
- Click on a picture will allow sending an email directly to that person.

Need help using the HAVRel Website? Have you checked Frequently Asked Questions (FAQ) for answers? Having a problem understanding the terms used on this website? Go to the Terms Seciton in HELP for answers? For Issues not relating to RM&SS Reporting please contact the Honeywell Customer Response Center at 877-436-2005 Feel free to share any feedback including suggestions, questions, and comments. If you wish to receive a reply you must provide an email address or phone number. All feedback is welcome and will be handled in compliance with the Honeywell Privacy Send Clear Honeywell | HAvRel Current Location is: UNITED STATES Welcome, Ray Given For Issues not relating to RM&SS Reporting please contact the Honeywell Customer Response Center at 877-438-2006 Management Manager Phoenix, AZ (Glendale Facility) Sky Harbor / Deer Valley 602) 822-3527 (602) 231-7098 (Sky Harbor) 502) 436-1952 (Deer Valley) Customer Program Managers Customer Program Manager Customer Program Manager Customer Program Manager Phoenix, AZ (Deer Valley Facility) Phoenix, AZ (Deer Valley Facility) Phoenix, AZ (Phoenix Facility) 602) 436-6793 (602) 436-3795 (602) 231-7128 OFM Engines / Embraer / Agusta GE/SNECMA/P&W/R&R/AWARS

Feedback

Honeywell Aviation Reliability Website

Your One Stop Shopping for Repair Records and Reliability Data

Thank You

You have Completed HAvRel Basic Training

For additional Advanced Training

- 1. Log into HAvRel
- 2. Go to the Help Menu
- 3. Click on the:

HAvRel Advance Training Link

Site URL: https://HAvRel.Honeywell.com

