

The background features a central bright blue light source with rays emanating outwards. Surrounding this are several faint, white line-art icons: a globe with a magnifying glass, a calendar page showing '01' and 'LATEST', a gear with a sun-like symbol and the word 'EQUIPMENT', a clipboard, a bar chart labeled 'DISTRIBUTION', a circular radar-like chart, an envelope labeled 'UNREAD', a list icon labeled 'CATEGORISE', and a network diagram labeled 'DEBRIS & FILTER ANALYSIS'.

webECHOTM

User Guide

WELCOME TO webECHO™



GETTING STARTED

To access webECHO visit our website and go to the Log In area on the toolbar in the top right hand corner of the home page or use:

webecho.jet-care.com

Use the Welcome Page to log in using your allocated username and password .

The Welcome Page can also be used for new users to request a user name and password.

ANALYSIS SUMMARY

The **Analysis Summary** is the first screen to show once you have logged in to webECHO. It provides a breakdown of all the analysis that has been carried out that is applicable to your particular log in.

If you prefer to view a different screen on log in you can use the 'My Account' section to change the set up.

Use the tabs at the top of the **Analysis Summary** to go to the **Dashboard** of a particular analysis type to view results and information.

ANALYSIS SUMMARY	OIL ANALYSIS	DEBRIS & FILTER ANALYSIS	HYDRAULIC FLUID ANALYSIS	FUEL ANALYSIS	COOLANT ANALYSIS	TRANSFORMER ANALYSIS	GAS PATH ANALYSIS
ANALYSIS LAST STATUS BY: Status	OIL UNREAD / ALL	DEBRIS & FILTER UNREAD / ALL	HYDRAULIC FLUID UNREAD / ALL	FUEL UNREAD / ALL	COOLANT UNREAD / ALL	TRANSFORMER UNREAD / ALL	GPA UNREAD / ALL
ADVANCED	2 / 2	0 / 0	3 / 3	1 / 1	N/A	N/A	1 / 1
EARLY	1 / 1	0 / 0	0 / 0	1 / 1	N/A	N/A	2 / 2
NORMAL	92 / 92	0 / 0	0 / 0	1 / 1	N/A	N/A	13 / 13
UNDEFINED	119 / 119	39 / 39	0 / 0	0 / 0	N/A	N/A	0 / 0

DASHBOARD



STATUS

Chose Gas Path Analysis tab for a summary of status of aircraft.

Use the grey arrow on the **Aircraft Navigator** to open a drop-down list of Aircraft available.

Access the latest PDF reports and produce trend graphs for your data.

FIND

Use the **Aircraft** icon to gain access to the full list of all aircraft. The drop down sections allow filtering to any available field and by selecting one from the list will display that record in detail. **OR** use the blue tabs at the top of the dashboard to access lists of records.

SEARCH

Use keywords to **Search** within the current area and view **Recent** saved searches.

LINKS

Use quick link icons to view **Latest** and **Unread** results of equipment. **Faults & Events** can be used to go straight to the faults, events and exceedances page.

If there are any active **Comments** against the trends, this will be highlighted by a red circle containing the number of active comments.

Also **Categorise** equipment by current analysis status.



OPERATORS

#	Code	Operator	Last Trend	Aircraft	1	2	21	0	Report
1	WEB-DEMO9	Palace International (AE3007)	2016-02-06	490	0	0	1	0	Create Fleet Report Latest Routine Report Routine Reports as ZIP

View the list of operators for the selected analysis type by choosing the **Operator** tab or using the **Operator** icon on the **Dashboard**.

The list indicates the quantity of records applicable to each operator and shows the current status and number of aircraft applicable to each operator.

EQUIPMENT/AIRCRAFT

View the list of aircraft for the selected analysis type by choosing the appropriate tab or using the **Aircraft** tab or using the **Aircraft** icon on the **Dashboard**.

Use the **Status** icons, which feature throughout webECHO, to filter aircraft according to status:

- Red - Advanced
- Yellow - Early
- Green - Normal
- White - Undefined

#	Operator	Registration	Aircraft Type	Serial	Engine Type	Age of Data (days)	Last Trend	Other Analysis?	Status	Last Comment	Report
1	WEB-DEMO7	DEMO-004	Hawker 800XP	DEMO-004	TFE731-5BR-1H	17	2017-01-31		Red	-	
2	WEB-DEMO7	DEMO-061	Citation III	DEMO-061	TFE731-3C-1005	17	2017-01-31		Yellow	-	
3	WEB-DEMO6	DEMO-076	Challenger 300	DEMO-076	HTF7000	207	2016-07-25		Green	-	
4	WEB-DEMO6	DEMO-097	Gulfstream 280	DEMO-097	HTF7230	17	2017-01-31		Green	-	
5	WEB-DEMO7	DEMO-077	Leerjet 40	DEMO-077	TFE731-20BR-1B	170	2016-08-31		Green	-	
6	WEB-DEMO8	DEMO-056	Global Express XRS	DEMO-056	BR710-A2-20	198	2016-08-08		Green	-	

#	Operator	Registration	Aircraft Type	Serial	Engine Type	Age of Data (days)	Last Trend	Other Analysis?	Status	Last Comment	Report
1	WEB-DEMO3	DEMO-033	72-500	DEMO-033	127F	652	2015-05-07		Green	-	
2	WEB-DEMO3	DEMO-609	72-500	DEMO-609	127F	652	2015-05-07		Green	-	
3	WEB-DEMO2	DEMO-056	Avro RJ	DEMO-056	LF507-LF	17	2017-01-31		Green	2017-01-31	
4	WEB-DEMO1	DEMO-021	BAe 146	DEMO-021	ALF502-R5	171	2016-08-30		Green	-	
5	WEB-DEMO4	DEMO-075	C90B	DEMO-075	PT6A-21	185	2016-08-16		Green	-	
6	WEB-	DEMO-095	C90B	DEMO-095	PT6A-21	178	2016-08-16		Green	-	

QUICK FILTER LINKS

Throughout the system data is displayed with an underline. For example, the headings of tables and data within tables. Click these links to access further information.



INDIVIDUAL AIRCRAFT RECORD

AIRCRAFT (18)

ADD OPERATOR

ADD EQUIPMENT

ADD REPORTING

[Type a search value]

RECENT

ADVANCED

EARLY

NORMAL

UNDEFINED

UNREAD

LATEST

CATEGORISE

1 of 1

GRA

ADVANCED

The status shown here is that for current data received by Jet-Care and may differ from that in your most recent routine report. If you are in doubt you should [contact Jet-Care](#).

Operator Code: WEB-DEMO7

Registration: DEMO-004

Aircraft Type: Hawker 800XP

Manufacturer: Hawker Beechcraft

Engine 1: 08150586

Serial Number: DEMO-004

Engine Type: TFE731-5BR-1H

Engine 2: 01010983

#	Status	Engine	Trend Stage	Data Source	Trends	First	Last	Age of Data (days)	Engine Quick Links	
1		08150586	Cruise	Electronic	1520	2008-03-16	2017-04-15	53	Downloads	Faults/Events
2		01010983	Cruise	Electronic	1438	2008-06-08	2017-04-15	53	Downloads	Faults/Events
1		08150586	Takeoff	Electronic	2139	2008-03-16	2017-04-15	53	Downloads	Faults/Events
2		01010983	Takeoff	Electronic	2013	2008-06-08	2017-04-15	53	Downloads	Faults/Events
1		08150586	Cruise	Manual	71	2016-08-29	2017-05-31	7	Manual Data	
2		01010983	Cruise	Manual	71	2016-08-29	2017-05-31	7	Manual Data	

Operator

Reporting

Graph

Submit Manual Data

Upload Electronic Data

Faults/Events

Submit Change(s)

Comment/Feedback

Historic Comments

Watch

Routine Reports as ZIP

Latest Routine Report

Create Aircraft Report

My Files:

Open Selected

Remove Selected

Add

You can use the individual record to change the information we hold on a piece of aircraft. Once amended click the **Submit Change(s)** button for the data to be sent to Jet-Care for review and confirmation.

To submit an engine change please amend the respective engine serial number(s), click **Submit Change(s)** and enter the installation date in the Comments Box.

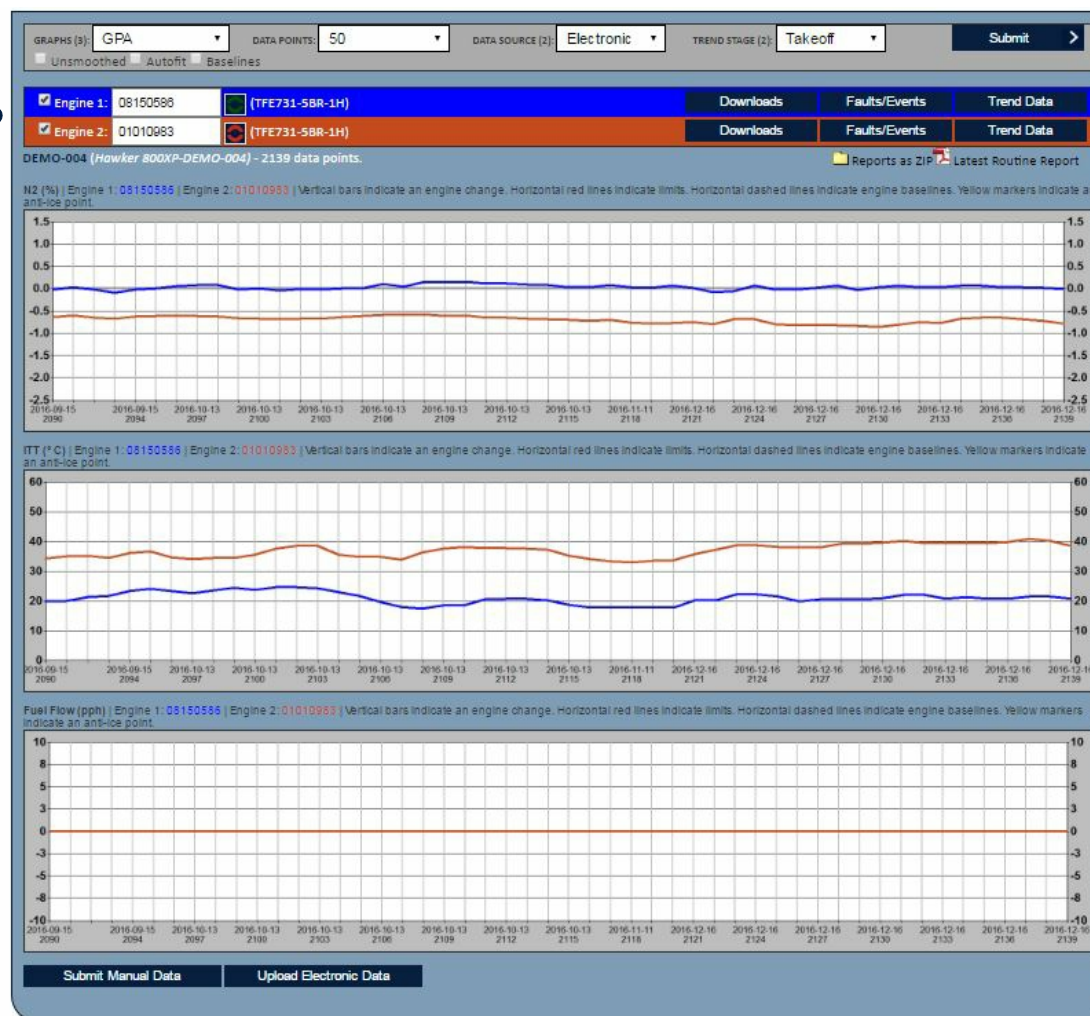
From the individual Aircraft record you can use the **Submit Data** and **Upload Electronic Data** buttons to submit your engine data to Jet-Care.

You can also view the **Faults and Events** obtained from electronic download files.

To view the trend plots click the **Graph** button.



GPA TREND GRAPH



The **trend graph** shows the **engines** attached to the **current aircraft** and allows the trend stage and data source to be selected enabling the relevant trend plots to be shown.

View the **Oil, Vibe and Rolldown plots** and any other applicable plots by selecting the appropriate drop down from the graphs drop down.

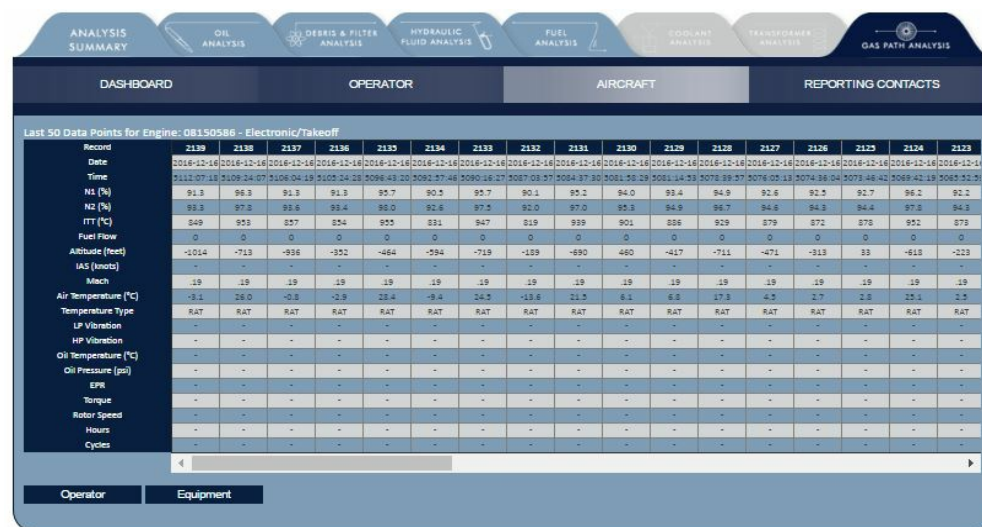
The status of each engine will be shown alongside its colour and serial number.

Press the **Submit** button to refresh/update the graphs. Quick links for **Engine Downloads, Faults** and **Data** are also available as well as a link to download the latest routine GPA report.

NB: The engines are shown on the plots in the same colour as its details above the graph. Engine changes will be shown for the respective engines.



GPA TREND DATA



When viewing an **individual aircraft record** click the **Data** button to view the tabular raw data supplied either in the download or manually submitted data.

GPA COMMENTS

#	Operator	Registration	Aircraft Type	Serial	Engine Type	Trends	Age of Data (days)	Last Trend	Other Analysis?	Status	Last Comment	Report
1	WEB-DEMO	JC322A	Learjet 31	L31.1234	JC-2C-2B	6649	214	2014-07-31				Electronic
2	WEB-DEMO	JC165AL	Learjet 31	L31.5678	JC-2-3B	3191	214	2014-07-31				Electronic
3	WEB-DEMO	JC323L	Test Comment for Demonstration purposes only. (27 February 2015)									Electronic

To view the comments on the aircraft page, click on the date in the last comment column. NB: There will only be a date in this column if there is an active comment against this aircraft.

The comment should appear on screen. To hide the comment, click on the toggle box again.



REPORTING CONTACTS

The screenshot shows the 'REPORTING CONTACTS' section of the webECHO interface. At the top, there are tabs for various analysis types: ANALYSIS SUMMARY, OIL ANALYSIS, DEBRIS & FILTER ANALYSIS, HYDRAULIC FLUID ANALYSIS, FUEL ANALYSIS, COOLANT ANALYSIS, TRANSFORMER ANALYSIS, and GAS PATH ANALYSIS. Below these are navigation tabs: DASHBOARD, OPERATOR, AIRCRAFT, and REPORTING CONTACTS. The 'REPORTING CONTACTS' tab is active, showing a list of contacts with columns for #, Contact, Code, Method, Format, Details, and Address. The list contains five entries for Jim Lawrie, Martin Entwistle, and Ron Ashby. Below the list is a detailed view for the selected contact, Jim Lawrie, with fields for Contact, Code, Method, Format, Address, and Inactive status. A 'Submit Change(s)' button is at the bottom.

#	Contact	Code	Method	Format	Details	Address
1	Jim Lawrie	JC1	Email	Routine PDF Report (Full)		jimlawrie@jet-care.com
2	Jim Lawrie	JC1	Email	Status Notification		jimlawrie@jet-care.com
3	Martin Entwistle	JC1	Email	Routine PDF Report (Full)		martinentwistle@jet-care.com
4	Martin Entwistle	JC1	Email	Status Notification		martinentwistle@jet-care.com
5	Ron Ashby	JC1	Email	Routine PDF Report (Full)		ronashby@jet-care.com

1 of 1

Contact: Jim Lawrie
Method: Email
Address: jimlawrie@jet-care.com
Inactive: ☐ Yes ☒ No
Code: JC1
Format: Status Notification
Details:
Submit Change(s)

Use this section to view and change the details held for each Contact receiving reports. The search toolbar can be used to search for Contacts directly.

Use the **List/Detailed View** icon to change from list view to individual contact view. This function is available throughout webECHO.

FEEDBACK

The screenshot shows the 'Feedback' form in the webECHO interface. It has the same top navigation and tabs as the Reporting Contacts section. The 'REPORTING CONTACTS' tab is active, and the 'Feedback' form is displayed. The form includes fields for Contact Name, Contact Telephone, Contact Email, and a large text area for the Comment. A 'Submit' button is at the bottom right.

Contact Name: PALACE INTERNATIONAL LTD.
Contact Telephone:
Contact Email: euanmuir@jet-care.com
Comment:
Submit

If you would like to provide feedback or send us a message select the **Feedback** button, complete the necessary information and click **Submit**.

The **Comment/Feedback** button is found at the bottom of the individual Equipment/Aircraft record pages.



MY ACCOUNT

Manage your password for webECHO as well as change your home page view or download our app for iPad, IECHO GPA™.

**If you have any further questions
about webECHO please do not
hesitate to contact us at:**

webECHO@jet-care.com

The screenshot displays the 'MY ACCOUNT' interface with a top navigation bar containing the following tabs: ANALYSIS SUMMARY, OIL ANALYSIS, DEBRIS & FILTER ANALYSIS, HYDRAULIC FLUID ANALYSIS, FUEL ANALYSIS, COOLANT ANALYSIS, TRANSFORMER ANALYSIS, and GAS PATH ANALYSIS. The main content area is divided into four sections:

- ACCOUNT:** Features an email input field with the text 'Email: euanmuir@jet-care.com'. Below the field is a note: 'This email address is used for password recovery and notifications only. Reporting addresses can be defined in 'Contacts Reporting' within each analysis type.' A 'Submit' button with a right-pointing arrow is at the bottom.
- PASSWORD:** Includes 'New Password:' and 'Confirm Password:' input fields. A 'Submit' button with a right-pointing arrow is at the bottom.
- HOME PAGE:** Features a 'Home Page:' dropdown menu currently set to 'Analysis Summary'. A 'Submit' button with a right-pointing arrow is at the bottom.
- APPLICATION DOWNLOADS:** Contains two download links: 'Get ADOBE® READER' with the Adobe logo, and 'IECHO GPA™' with an image of a tablet displaying a bar chart.



JET-CARE®

JET-CARE

Odiham | Hampshire | UK

T +44 (0) 1256 701777

JET-CARE

Cedar Knolls | NJ | USA

T +1 973 292 9597

jet-care.com