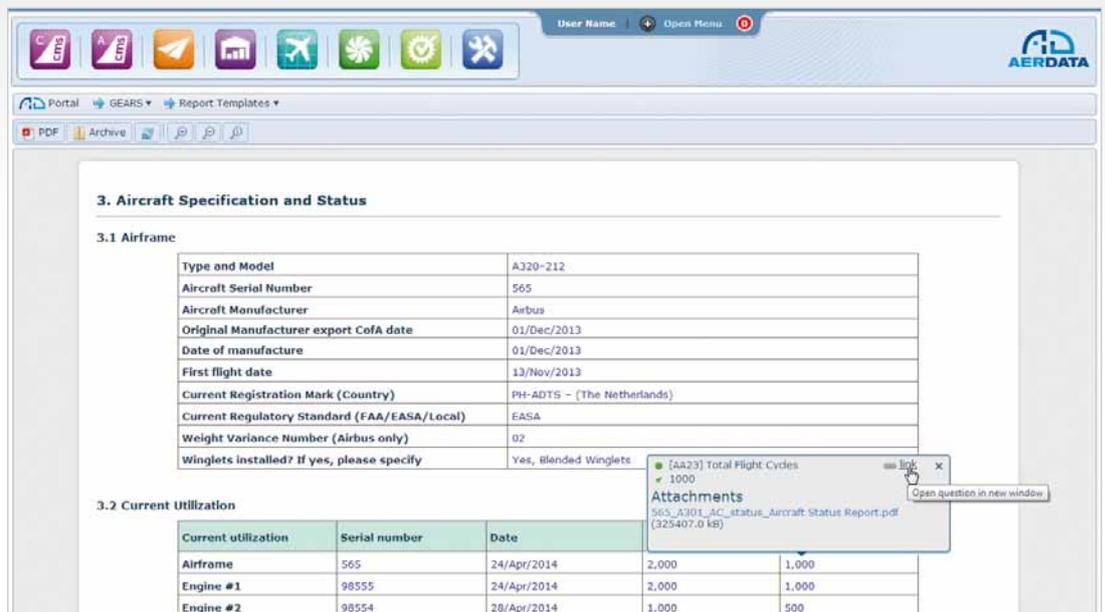


GEARS

Asset Review System

GEARS (Global Electronic Asset Review System) is a total asset review management tool designed to ensure quality, consistency and efficiency in any asset review or inspection.



The screenshot displays the GEARS web application interface. At the top, there is a navigation bar with icons for various functions and a user profile section. Below the navigation bar, the main content area is titled "3. Aircraft Specification and Status". Under this heading, there are two sections: "3.1 Airframe" and "3.2 Current Utilization".

3.1 Airframe

Type and Model	A320-212
Aircraft Serial Number	565
Aircraft Manufacturer	Airbus
Original Manufacturer export CoFA date	01/Dec/2013
Date of manufacture	01/Dec/2013
First flight date	13/Nov/2013
Current Registration Mark (Country)	PH-ADTS - (The Netherlands)
Current Regulatory Standard (FAA/EASA/Local)	EASA
Weight Variance Number (Airbus only)	02
Winglets installed? if yes, please specify	Yes, Blended Winglets

3.2 Current Utilization

Current utilization	Serial number	Date		
Airframe	565	24/Apr/2014	2,000	1,000
Engine #1	98555	24/Apr/2014	2,000	1,000
Engine #2	98554	28/Apr/2014	1,000	500

An "Attachments" pop-up window is visible over the utilization table, showing a PDF document titled "565_A301_AC_status_Aircraft Status Report.pdf" (325407.0 kB) with a "Total Flight Cycles" of 1000. A tooltip "Open question in new window" is also present.

The Problem

Whether performing Airline, Lessor or MRO inspections, contrasting working methods, knowledge and interpretation can exist between each inspector or consultant. This often results in discrepancies in the review contents and report outputs which may lead to unnecessary lease return delays, forecast miscalculations or incorrect remarketing information.

The Solution

GEARS ensures quality control, consistency and efficiency by managing the collected information in a database which replaces the 'regular' review documents with a fully customizable electronic version.

Reviewers work with step-by-step questions and are aided with an in-built (best industry practice) knowledge database. This data can be linked to an answer for easy validation. The ability to copy previously verified data into a current review and the ability to have real-time visibility of the report in a live environment helps the organization to work more efficiently and ensures consistent quality.

Detailed, customized reports and library exports can be created out of one review to serve multiple needs i.e. authority, technical or remarketing reports.

GEARS

Features:

- ▶ Intuitive questions (fully customizable) based on specific aircraft type and customer requirements
- ▶ Verified historical data can be copied into the current review
- ▶ Eliminates duplication of the same question
- ▶ Extensive knowledge database and 'help' function is available to assist the consultant
- ▶ Detailed, customized reports can be created out of the same review
- ▶ Records and images can be uploaded directly into GEARS
- ▶ Interactive report reviewing

Benefits:

- ▶ Superior data quality promotes increased asset value
- ▶ Significant cost and time savings
- ▶ Standardization of any type of review
- ▶ Optional back office support, up to total care for all reviews and redeliveries
- ▶ Existing data in other AerData products can be transferred with ease
- ▶ No system installation required
- ▶ Accessible via laptop, desktop, iPad and tablet devices

Example Reviews:

Currently the GEARS system is used for:

- ▶ Annual asset reviews
- ▶ Pre-redelivery asset reviews
- ▶ Due-diligence reviews
- ▶ Internal quality reviews
- ▶ Asset redelivery support
- ▶ ARC renewals
- ▶ CofA renewals
- ▶ Maintenance reserve claim handling

Compatibility with:



Asset SN	Description	Status	Start Date	End Date	Customer	Operator	Country	
32827	ARC Renewal	Ready for Inspector	20/Apr/2014	24/Apr/2014	C.U. Stoner	Yellow Wings	United States	Edit Questions Report
1566	Midterm	Closed	07/Apr/2014	11/Apr/2013	C. Ustomer	Air Green	Germany	Edit Questions Report
88925	MR claim review	Under Review	13/Apr/2014	16/Apr/2014	C.U. Stoner	Fly Orange	Spain	Edit Questions Report
27643	Pre-redelivery	Review in Preparation	05/May/2014	06/May/2014	Cus Tomer	Red Airlines	China	Edit Questions Report

Contact AerData

Interested? email info@aerdata.com visit www.aerdata.com or contact one of our global offices to discover how we can help.

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