



HELICOPTERS
Service



HiCare[®]

Connected Services



AIRBUS

The digital revolution : from digital design, to connected helicopters

Over the past years, Airbus Helicopters has opened a new era of connected services, and a new way to interact with its customers.

Such solutions pave the way to faster and easier data exchange between the helicopter manufacturer and the operator, allowing Airbus Helicopters to continuously improve helicopter operations support and performance. The aviation industry is now entering connected and fully-digital revolution.

Our 3-levels Connected Services offer allows customers to increase operational efficiency thanks to better decision making solutions:

Level 1

Digitize

Level 2

Optimize

Level 3

Achieve

HCare Connected Services Service offer 2018



- **Traceability**
- **Accuracy**
- **Time saving**
- **Knowledge collection**

DIGITIZE

Digitize

A set of valued apps, data as a service and digital interfaces supporting the digitization of your helicopters, and contributing to the optimal management of your operations. With **Digitize** services, easily access and visualize your data, simplify your operations and set the foundation for detailed analysis of your activities.



Pack Safety

A smart suite of software for flight data analysis to enhance safety



Pack OPS

A suite of applications and data dedicated to the support of flight operations



Pack Maintenance

A complete suite of applications and software dedicated to an optimal management of maintenance operations

Safety

PGS Suite

OPS

Flight Planner

Aerodata

Maintenance

Fleet Keeper

Fleet Master

Avionics

Data Connect - Hosting - Access - Visualization

Pack Safety

Contributes to enhance flight safety through a turnkey suite of flexible software dedicated to flight data processing.

Allows to perform a systematic analysis of recorded flight data, such as automatic flight profile identification, events detection and reporting, and to provide an ergonomic graphical interface for flight replay and crew debriefing.

PGS suite

Turnkey software suite making easy to replay flights according to recorded data, and to define possible operational improvements

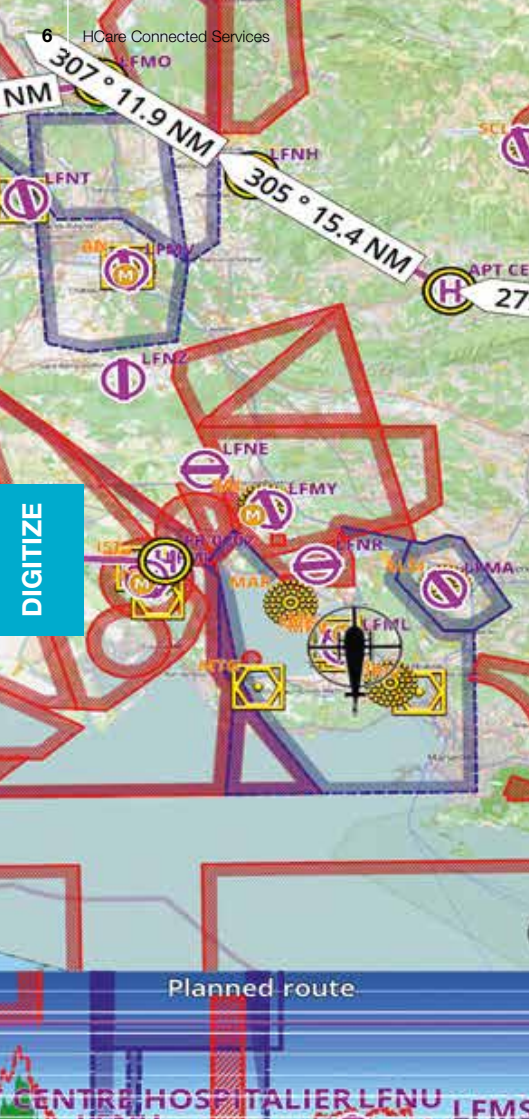


ENHANCED SAFETY

ENHANCED TRAINING EFFECTIVENESS



DIGITIZE



DIGITIZE

Planned route

Pack OPS

A suite of applications and data dedicated to the support of flight operations. Get the guidance & original up-to-date data from Airbus Helicopters when preparing your mission.

Flight Planner

An all-in-one portable Electronic Flight Bag aiming at supporting pilots in their mission preparation capable of wireless data transfer to the aircraft Flight Management System. Allows instant performance computation based on OEM flight manual data.

Available in iOS version or on rugged Panasonic tablet

Aerodata

Aeronautical databases compatible with Helionix avionics mission functions, updated at every AIRAC cycle and accessible through a dedicated web portal



Pack Maintenance

A suite of applications and software dedicated to support maintenance operations

Get the guidance & the original up-to-date data from Airbus Helicopters when preparing your maintenance

Fleet Keeper

A digital Technical Logbook providing a mobile /Web-based solution allowing real-time data sharing through a user-friendly interface

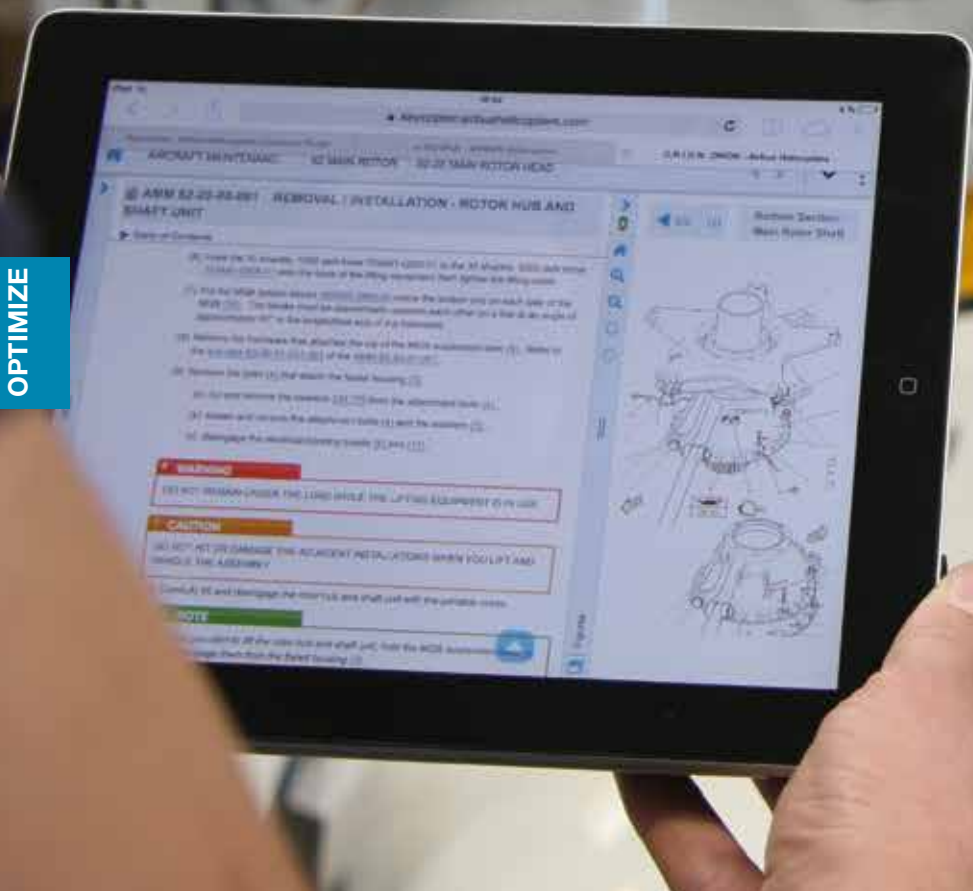
Fleet Master

A comprehensive web-based Maintenance Information System allowing to manage all airworthiness, maintenance and logistics operations interfaced with Fleet Keeper

Data Loader

A self-loading tool bringing operators more autonomy, while securing safety and quality.





ARM 52-25-25-001 - REMOVAL / INSTALLATION - ROTOR HUB AND SHAFT UNIT

Steps of Contents

1. Remove the 16 screws (1) and the 16 wing support nuts (2) from the 16 wing roots (3) and (4).
2. For the 16 wing support nuts (2), remove the 16 wing roots (3) and (4) from the 16 wing roots (3) and (4).
3. Remove the 16 screws (1) and the 16 wing support nuts (2) from the 16 wing roots (3) and (4).
4. Remove the 16 screws (1) and the 16 wing support nuts (2) from the 16 wing roots (3) and (4).
5. Remove the 16 screws (1) and the 16 wing support nuts (2) from the 16 wing roots (3) and (4).
6. Remove the 16 screws (1) and the 16 wing support nuts (2) from the 16 wing roots (3) and (4).
7. Remove the 16 screws (1) and the 16 wing support nuts (2) from the 16 wing roots (3) and (4).
8. Remove the 16 screws (1) and the 16 wing support nuts (2) from the 16 wing roots (3) and (4).

CAUTION

DO NOT REMOVE THE LIFTING EQUIPMENT FROM THE AIRCRAFT.

CAUTION

DO NOT HIT OR DAMAGE THE ADJACENT METAL PARTS WHEN YOU LIFT AND MOVE THE ASSEMBLY.

NOTE

Remove the 16 screws (1) and the 16 wing support nuts (2) from the 16 wing roots (3) and (4).



Optimize

Helicopter operations are generating more and more data ready to reveal its full potential to reach operational excellence.

With **Optimize** services, benefit from a complete set of analytics services leveraging data's strength to enhance safety, improve aircraft availability and optimize costs.

Safety enhancement

Facilitate identification of risks exposure during flight or along support processes such as Helicopter Flight Data Monitoring

Fleet availability Improvement

Optimize fleet availability by analyzing root causes behind unserviceable aircrafts and predict maintenance event before it occurs

Costs optimization

Benefit from in-depth analysis to minimize maintenance and operational costs and improve working capital
Improve stocks and parts forecast, Identify reliability issues and implement corrective actions.

Analytics
FlyScan

FLEET AVAILABILITY IMPROVEMENT
SAFETY ENHANCEMENT
COSTS OPTIMIZATION

- Predict
- Decide
- Optimize

OPTIMIZE





2 FUEL QUANTITY

FLIGHT MANUAL

Symptoms



On CDP

Audio tone

FUEL1 LOW

Yoke message

FUEL ONE LOW

On CDP

LOW FUEL2

Yoke message

FUEL TWO LOW

On CDP



1866

CORRECTIVE ACTIONS



Check

Estimated fuel and fuel gauges become inoperative. All digital displays will be replaced by analog gauges and flight data.

LIMIT Duration of FLIGHT
 Maximum of 30 minutes on 2 tanks

When remaining fuel shows in yellow, 20 min at MCR for each remaining engine, or 30 min.

NOTES
 Fuel level messages will appear on FDC

APPROVED

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3.5

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Achieve

A step ahead in data analysis.

With **Achieve**, our experts support operations with data analytics consulting services in order to provide tailored solutions to reach your specific targets.

Benefit from OEM experience and knowledge of the worldwide fleet behavior, and the unique technical expertise of your helicopters

Customized

Our teams perform deep data analysis and define improvement plans according to your targets. We propose the smarter implementation within your organization

OEM expertise

As the helicopter manufacturer, we enrich analysis with an unrivalled technical knowledge on our fleet



ACHIEVE

• Airbus Helicopters experts at your service to improve your operations

For more information, please contact:
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Hong-Kong, Hungary, Ireland, Israel, Italy, Japan, Korea, Luxembourg, New Zealand,
Norway, People's Republic of China, Portugal, Spain, Sweden, Switzerland,
The Netherlands, United Kingdom, United States.

** Free phone call for United States

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