



## CASA AD Biweekly 23/2021 – 18 November 2021

The Civil Aviation Safety Authority has published the following Airworthiness Directives between 5 November and 18 November 2021.

### **Rotorcraft**

#### **Airbus Helicopters (Eurocopter) EC 175 Series Helicopters**

2021-0240 - Rotors Flight Control - Main / Tail Servo Control Systems - Replacement

#### **Airbus Helicopters (Eurocopter) EC 225 Series Helicopters**

AD/EC 225/1 - Main Rotor Blades - Heated  
AD/EC 225/2 - State of Design Airworthiness Directives  
AD/EC 225/3 - Main Rotor Blade De-Icing System Harness Connectors  
AD/EC 225/4 Amdt 1 - Main Rotor Hub Dome Fairing Attachment Screws  
AD/EC 225/5 - Main Rotor Blade Leading Edge Protective Strip - CANCELLED  
AD/EC 225/6 Amdt 1 - Main Rotor Hub Coning Stop Supports  
AD/EC 225/7 - Fuselage - Frame 5295 and Outer Skin Panelling  
AD/EC 225/8 - Main Gearbox (MGB) Suspension Bar Fittings  
AD/EC 225/9 Amdt 1 - Fuselage - Intermediate Gearbox Fairing Gutter - CANCELLED  
AD/EC 225/10 - Rotor Flight Controls - Tail Servo-control  
AD/EC 225/11 - Main Gear Box Epicyclic Reduction Gear Module - CANCELLED  
AD/EC 225/12 Amdt 1 - Main Rotor Drive - Epicyclic Reduction Gear Module - CANCELLED  
2008-0007R3 - Limitations - 14Hz Vibrations at Low Density Altitude  
2009-0263R2 - Equipment & Furnishings - Emergency Flotation Gear - Inspection / Repair / Replacement  
2010-0030 - Pilot's and Co-Pilot's Floor Attachment Screws  
2010-0234 - Time Limits/Maintenance Checks - Airworthiness Limitations - Amendment / Implementation  
2010-0238-E - Main Rotor - Repaired Blade - Inspection / Replacement / Repair  
2011-0136R2 - Equipment and Furnishings - VHF Antenna for Emergency Flotation Gear Protection - Installation  
2012-0035 - Electrical Power - Relay 16XK of Emergency Hydro-Electrical Power Unit - Inspection / Replacement  
2012-0059-E - Rotorcraft Flight Manual - Emergency Procedures - Rush Revision  
2012-0129-E - Main Rotor Drive - Main Gear Box, Intermediate gear Box and Tail Gear Box - Modification / Inspection  
2012-0131 - Main Rotor - Main Rotor Hub Swashplates - Inspection / Replacement  
2012-0144-E - Main Rotor Drive - Epicyclic Module/ Chip Detection System "Check  
2012-0151 - Equipment / Furnishings - Crash Position Indicator - Modification  
2012-0152 - Windows - Jettisonable Emergency Exit Window Panels - Inspection  
2012-0186-E - Equipment / Furnishings - Hoist Cable - Inspection / Replacement  
2012-0206 - Equipment and Furnishings - EADS SOGERMA Flight Crew Seats - Inspection / Replacement  
2013-0049 - Fuselage - Intermediate Gear Box Support Attachment Screws - Identification / Inspection  
2013-0069 - Hydraulic Power / Rotors Flight Control - Main Gearbox Compartment / Hydraulic Flexible Pipes - Inspection / Replacement

2013-0098-E - Engine Controls - Emergency Shutdown / Fuel Shut-Off and General Cut-Out Control  
 Tangential Gearboxes - Check / Lubrication / Replacement  
 2013-0103 - Main Rotor - Blade Leading Edge Protective Strip - Check  
 2013-0156 - Rotor Drive - Main Gear Box / Emergency Lubrication System - Identification /  
 Replacement / Modification  
 2013-0237-E - Equipment and Furnishings - Emergency Flotation Gear - Inspection  
 2014-0078R1 - Main Rotor Drive - Main Gear Box Bevel Gear Vertical Shaft - Inspection / Modification  
 / Replacement / Limitation  
 2014-0128 - Equipment & Furnishings - Life Raft Inflation Cylinder - Replacement  
 2014-0129 - Rotors Flight Control - Tail Rotor Control Turnbuckle - Inspection / Replacement  
 2014-0188R4 - Equipment & Furnishings - Emergency Flotation System - Rotorcraft Flight Manual  
 (Supplement)  
 2014-0241-E - Doors - Side Stairway Door / Locking Safety Mechanism - Inspection / Reconditioning  
 2015-0041 - Equipment / Furnishings - Life Raft / Sponson Ejectable Cowlings - Inspection /  
 Modification  
 2015-0075 - Equipment / Furnishings - Emergency Locator Transmitter - Identification / Replacement  
 2015-0092 - Fuselage - Intermediate Gear Box Fairing - Inspection / Replacement  
 2015-0112 - Ice and Rain Protection - Electrical Multi-Purpose Air Intakes - Modification  
 2015-0149 - Windows - Cabin Windows / Jettisoning System - Inspection  
 2015-0156 (Correction) - Doors - Cabin Sliding Plug Doors / Emergency Jettisoning System - Inspection  
 2015-0167 - Doors - Sliding / Plugging Cabin Doors - Limitation / Modification / Inspection  
 2015-0226R5 - Equipment / Furnishings - Hoist - Test / Replacement  
 2016-0019 - Equipment / Furnishings - Life Raft / Banjo Bolt - Inspection  
 2016-0103-E - Fuselage - MGB Suspension Bars and Attachment Fittings - Inspection / Replacement  
 2016-0232R1 - Rotor Drive(s) - Main Gear Box / Emergency Spraying System - Modification /  
 Functional Test  
 2017-0042R1 - Main Rotor Drive / Engine Oil - Main Gearbox Oil Cooler - Inspection  
 2017-0134R2 - Time Limits / Maintenance Checks - Main Gearbox Particle Detector / Oil Filter / Oil  
 Cooler - Inspection; and - Main Rotor Drive - Epicyclic Module - Replacement / Modification /  
 Reduced Service Life Limit  
 2017-0189 - Time Limits / Maintenance Checks - Main Gearbox Suspension Bar Pins / Fittings - Re-  
 calculation of Life Limits / Replacement  
 2018-0039R1 - Windows - Jettisoning System - Installation  
 2018-0090 - Landing Gear - Emergency Flotation Gear Upper Fitting Attaching Screws - Inspection /  
 Replacement / Modification  
 2018-0106 - Rotors Flight Control - Collective Controls / Protective Cover - Modification  
 2018-0140-E - Equipment & Furnishings - Hoist - Removal; Doors - Cabin Sliding Plug Doors /  
 Emergency Jettisoning System - Rotorcraft Flight Manual Amendment / Placard Installation  
 2018-0172 - Main Rotor Blade Attachment Pin - Inspection  
 2018-0173-E - Equipment & Furnishings - Hoist Carrier Assembly - Inspection  
 2018-0204R1 - Air Conditioning - Clearance between Air Conditioning Unit and Landing Light  
 Connectors - Measurement  
 2019-0074 - Main Rotor - Rotating Swashplate Yokes - Inspection / Rework / Service Life Limit  
 2019-0088R1 - Placards and Markings - Inspection / Installation  
 2019-0152-E - Main Rotor Drive - Main Gearbox - Replacement; and Placards and Markings - ENG1  
 Training Idle Switch - Installation / Operational Restriction  
 2019-0287 - Equipment / Furnishings - External Life Raft Jettison System / Inflation Cylinder  
 Percussion System / Bellcrank - Inspection  
 2020-0013 - Fire Protection - Hand-held Fire Extinguishers - Replacement  
 2020-0087 - Doors - Side Stairway Door Locking Safety Mechanism - Inspection / Reconditioning /  
 Modification  
 2020-0264 - Main Rotor - Mast - Inspection  
 2020-0281 - Equipment / Furnishings - Hoist Control Power Supply - Modification  
 2021-0012 - Windows - Jettisoning System - Modification  
 2021-0075 - Fuselage - Splice of Frame X5295 - Inspection / Repair / Modification  
 2021-0156 - Fuel - Engine Fuel Supply Hoses - Inspection / Replacement

2021-0174 - Rotorcraft Flight Manual - Supplements / One-Engine Inoperative Performance Limitations - Amendment  
2021-0196 - Placards and Markings - Emergency Exit Placards - Installation  
2021-0184R1 - Tail Rotor - Tail Gearbox Angular Clearance - Inspection

### **Leonardo Helicopters (AgustaWestland) A109 Series Helicopters**

2021-0255 - Rotors Flight Control - Control Rods and Levers - Inspection

## **Above 5700 kgs**

### **Airbus A319, A320 and A321 Series Aeroplanes**

2021-0229 - Wings - Outer Flaps and Tabs - Identification/ Inspection (Improper Heat Treatment) / Replacement (Wrong Material)  
2021-0241 - Wings - Front Spar Vertical Stringers - Inspection  
2021-0242 - Fuselage - Door Stop Fitting Holes at Frame 66/68 - Inspection / Repair  
2021-0256 - Wings - Bottom Wing Skin Panel 2 - Inspection  
2021-21-02 - Electrical Power - Nickel-Cadmium Rechargeable Batteries - Replacement (Applies to FAA approved PMA parts only)

### **Airbus A330 Series Aeroplanes**

2021-0248 - Time Limits / Maintenance Checks - Airworthiness Limitations Section Part 3 - Certification Maintenance Requirements - Implementation  
2021-21-02 - Electrical Power - Nickel-Cadmium Rechargeable Batteries - Replacement (Applies to FAA approved PMA parts only)

### **Airbus A380 Series Aeroplanes**

2021-0254 - Electrical Power - Ram Air Turbine Gearbox - Inspection / Modification  
2021-21-02 - Electrical Power - Nickel-Cadmium Rechargeable Batteries - Replacement (Applies to FAA approved PMA parts only)

### **ATR-GIE Avions de Transport Regional ATR 42 Series Aeroplanes**

2021-0237-E - Fire Protection - Engine Fire Handles Snap Wire - Inspection

### **ATR-GIE Avions de Transport Regional ATR 72 Series Aeroplanes**

2021-0237-E - Fire Protection - Engine Fire Handles Snap Wire - Inspection

### **Boeing 737 Series Aeroplanes**

AD/B737/241 - Aft Pressure Bulkhead Webs - CANCELLED  
2021-19-19 - Wing Leading Edge Outboard Blowout Door Sealant  
2021-21-09 - Aft Pressure Bulkhead Webs  
2021-18-17 - Updated Flight Control Computer Software

### **Bombardier and MHI RJ Aviation CL-600 Series Aeroplanes**

CF-2021-38 - Air Conditioning - Ram Air System - Emergency Ram Air Valve (ERAV)

## **Turbine Engines**

### **General Electric Turbine Engines - CF34 Series**

2021-23-51 - Master Compressor Variable Geometry (VG) Actuator and Slave Compressor VG Actuator - Inspection / Replacement