



## CASA AD Biweekly 18/2012 – 6 September 2012

The Civil Aviation Safety Authority has published the following Airworthiness Directives between 24 August and 6 September 2012.

### **Rotorcraft**

#### **Agusta A109 Series Helicopters**

AD/A109/8 Amdt 2 - Tail Rotor Blades - CANCELLED

AD/A109/24 - Main Rotor Blade - Trailing Edge - CANCELLED

2012-0171-CN - Tail Rotor Drive - Tail Rotor Blades - Inspection / Replacement and Main Rotor Drive - Main Rotor Blades - Inspection / Replacement

#### **Eurocopter EC 135 Series Helicopters**

2012-0085R2 - Main Rotor System - Main Rotor Hub - Inspection / Replacement

Eurocopter SA 360 and SA 365 (Dauphin) Series Helicopters

2012-0170 - Time Limits and Maintenance Checks - Tail Rotor Gearbox (TGB) Oil Level and Magnetic Chip Detector - Inspection & Tail Rotor - Pitch Control Rod Bearing - Inspection / Replacement

#### **Kawasaki BK 117 Series Helicopters**

TCD-8098-2012 - Airworthiness Limitations

### **Below 5700 kgs**

#### **Diamond (HOAC) Series Aeroplanes**

2012-0173 - Flight Controls - Elevator Control / Bell Crank Assembly - Replacement

#### **Diamond HK-36 Series Aeroplanes**

2012-0173 - Flight Controls - Elevator Control / Bell Crank Assembly - Replacement

#### **Reims Aviation F406 Series Aeroplanes**

2012-0164 - Flight Controls - Elevator Pushrods - Inspection / Replacement

#### **Short SC7 (Skyvan) Series Aeroplanes**

AD/SC7/27 Amdt 4 - Fatigue Life Limitations on Aircraft Subjected to Special Flight Profiles - CANCELLED

2012-0159 - Time Limits / Maintenance Checks - Fatigue Life Limitations - Implementation

#### **Univair Corporation Ercoupe, Forney, Alon, and Mooney M10 Series Aeroplanes**

2012-08-06 - Aileron Flutter - Inspection

## **Above 5700 kgs**

### **Airbus Industrie A330 Series Aeroplanes**

AD/A330/58 - Belly Fairing Heat Shields - CANCELLED

AD/A330/63 Amdt 1 - Fuel Tank Safety - Fuel Airworthiness Limitations - CANCELLED

AD/A330/69 Amdt 1 - Fuel Tank Modifications - CANCELLED

AD/A330/107 - Air Cooling Heat Shield Holes - CANCELLED

### **Airbus Industrie A380 Series Aeroplanes**

2012-0153 - Wings - Wing Inboard Leading Edge Droop Nose Gooseneck - Inspection / Repair / Replacement

2012-0165 - Doors - Main Deck Doors Sensor Target Brackets - Replacement

### **Airbus Industrie A330 Series Aeroplanes**

2012-0168 - Time Limits and Maintenance Checks - Airworthiness Limitations Section Part 5 - Fuel Airworthiness Limitations - Amendment

### **AMD Falcon 50 and 900 Series Aeroplanes**

2012-0162 - Electrical Power - Tail Strobe Power Supply Wire - Modification

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

2012-0160 - Nacelles / Pylons - Engine Nacelle Lower Fairing Junction with Underwing Box - Inspection

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

2012-0160 - Nacelles / Pylons - Engine Nacelle Lower Fairing Junction with Underwing Box - Inspection

F-1990-193-032(B) R2 - Hydraulic System - Low Pressure Warning

F-1990-220-034(B) R1 - Flight Controls - Autopilot - Flight Check / Geometrical Ground Check

F-1991-006-037(B) - Nose Landing Gear

F-1991-067-005(B) - Flight Controls - Rudder Pedal Connection Rod - Inspection / Replacement

F-1991-215-006(B) - Flight Controls - Elevator Tab Hinge Lock Nut Pins - Inspection / Replacement

F-1991-217-007(B) R1 - Engine and Propeller Flexible Controls

F-1991-238-009(B) - Auto Pilot

F-1992-045-011(B) - Cabin Interior Furnishing - Replacement

F-1992-084-010(B) R2 - Fire Detector

F-1992-123-013(B) - ECE Push-button

F-1992-134-014(B) R1 - Pitch Control

F-1992-135-015(B) - Main Landing Gear - Side Brace - Replacement

F-1992-262-016(B) - Wing - Spar - Inspection / Modification

F-1992-272-017(B) R1 - Fuselage - Frame 26 - Inspection

F-1994-001-018(B) - Flight Controls - Pitch and Rudder Trim Fail-Safe Rods - Inspection / Replacement

F-1994-002-019(B) - Nose Landing Gear - NARDI Hinge Pin - Inspection  
F-1994-065-020(B) R1 - Main Landing Gear - Shock Absorber / Universal Joint Hinge Pins - Inspection / Modification  
F-1994-161-021(B) - Fairing Attachment - Karman Clips - Modification  
F-1994-191-022(B) - Fuselage Structure - Modification  
F-1994-197-023(B) - Main Landing Gear - Rear Hinge Pin - Inspection  
F-1994-224-024(B) - Stick Pusher Actuator  
F-1996-019-028(B) - Elevator Uncoupling Mechanism - Modification  
F-1996-096-029(B) - Main Landing Gear - Magnaghi Pins - Inspection  
F-1996-110-030(B) - Engine Nacelle Drain System  
F-1996-207-031(B) R1 - De-icing Procedures and Protections Improvements  
F-1996-288-032(B) R1 - Forward Cargo Compartment Nets - Replacement  
F-1997-158-033(B) - Wing to Fuselage Fairing Attachment Fasteners - Replacement  
F-1997-264-034(B) - Wing - External Wing Nuts - Inspection  
F-1998-071-035(B) - Engine Mount and Upper Engine Fairing Stiffener Fouling  
F-1998-072-036(B) - Flaps Support Beams - Modification  
F-1998-073-037(B) - ROTRON Recirculation Fan  
F-1999-166-041(B) R1 - Severe Icing Conditions - Implement Aircraft Design Enhancements  
F-2000-190-042(B) - Landing Gears - Install Modified Uplock Boxes  
F-2000-282-050(B) R1 - Fire Protection - Fire Handles  
F-2000-437-052(B) - Engines Controls - Flight Manual Procedure Associated with Reverse Application  
F-2000-448-053(B) R2 - Take-off after use of Type II or IV Fluids - Appendix to the Flight Manual  
F-2001-045-054(B) - Deicing - Revision of Aircraft Flight Manual  
F-2001-056-055(B) - Electrical Circuit - Wiring Conduit Between Frame 28 and 28 A  
F-2001-142-056(B) - Structural Fatigue - Inspection  
F-2001-215-057(B) - Propeller Feathering - ATPCS Test Selector Switch  
F-2001-388-058(B) - Flight Controls - Normal Pitch Trim Switch - Inspection  
F-2001-505-059(B) - Hydraulic Pump Power Supply Cables Routing  
F-2001-615-062(B) - Main Landing Gear - Swinging Lever Spacer - Replacement  
F-2002-072-064(B) R1 - Engines - High Pressure Oil Pump - Pressure Regulating Valve  
F-2002-073-063(B) R2 - Propellers - Pitch Change System Component  
F-2002-091-066(B) - Electrical Rack 90VU - Wire Bundle Routing on 93, 94 and 95VU Carbon Shelves  
F-2002-539(B) - Forward Attendant Seat - Harness - Replacement  
F-2003-106(B) R1 - Flight Controls - Standby Pitch Trim Switch

### **Boeing 777 Series Aeroplanes**

2012-16-04 - Thermal Damage of the Thrust Reverser

### **Bombardier (Boeing Canada/De Havilland) DHC-8 Series Aeroplanes**

CF-2012-25 - Electrical Power - AC Wiring Harness Chafing on Centre Wing Lower Flap Shroud

## **Dassault Aviation Falcon 2000 Series Aeroplanes**

2012-0156 - Time Limits and Maintenance Checks - Airworthiness Limitations - Amendment / Implementation

2012-0157 - Time Limits and Maintenance Checks - Airworthiness Limitations - Amendment / Implementation

## **Embraer ERJ-170 Series Aeroplanes**

2012-08-02 - Cockpit Door Passive Lock Striker - Quick Release Pin and Hinges - Replacement

## **Embraer ERJ-190 Series Aeroplanes**

2012-08-03 - Cockpit Door Passive Lock Striker - Quick Release Pin and Hinges - Replacement

## **Fokker F100 (F28 Mk 100) Series Aeroplanes**

AD/F100/83 - Fuel Tank Safety - Fuel Airworthiness Limitations - CANCELLED

## **Piston Engines**

### **Jabiru Piston Engines**

AD/JABIRENG/1 - Piston Circlips

## **Turbine Engines**

### **AlliedSignal (Garrett/AiResearch) Turbine Engines - TFE731 Series**

2012-16-14 - Low Pressure Turbine Stage 2 Rotor Blades

2012-17-05 - Low Pressure Turbine Stage 1 Rotor Assembly

### **Pratt and Whitney Turbine Engines - PW4000 Series**

2012-16-01 - High Pressure Turbine Stage 1 Front Hub Cracking

### **Rolls Royce Germany Turbine Engines - BR700 Series**

2012-0161 - Engine - Accessory Gearbox Module - Replacement of the Fuel Pump Splined Coupling

2012-0166 - Engine - High Pressure Turbine Rotor Disc Stage 1 and Stage 2 Life Limitation - Implementation

### **Rolls Royce Turbine Engines - Tay Series**

2012-0163 - Engine - Low Pressure Turbine Stage 1 Air Seal and High Pressure Turbine Stage 1 Air Seal / Bolts - Inspection / Replacement

### **Rolls Royce Turbine Engines - Spey Series**

2012-0158 - Engine - Low Pressure Turbine Support Assembly, High Pressure Turbine Bearing Support Assembly and Air Seal Sleeve / Bolts - Inspection / Replacement