APPROVED AIRWORTHINESS DIRECTIVES

12 March 2009

Part 39-105 - Lighter Than Air
There are no amendments to Part 39-105 - Lighter than Air this issue

Part 39-105 - Rotorcraft

Bell Helicopter Textron 205 Series Helicopters
AD/BELL 205/3 - Main Rotor Blade - Modification - CANCELLED
AD/BELL 205/9 - Servo Cylinder Upper Control Tube Fittings - CANCELLED
AD/BELL 205/16 - Fire Detection System - Audible Warning - CANCELLED
AD/BELL 205/21 - Swayplate Scissors Lever Bolts - Inspection - CANCELLED
AD/BELL 205/29 - Main Rotor Blade Bolt Washer - Inspection - CANCELLED
AD/BELL 205/33 - Synchronised Elevator - Inspection, Modification and Retirement - CANCELLED
AD/BELL 205/36 - Fuel Boost Pumps - Inspection - CANCELLED
AD/BELL 205/41 Amdt 1 - External Cargo Suspension Kit - Load Restriction and Modification - CANCELLED
AD/BELL 205/42 - Main Rotor Hub Inboard Fitting - Life Reduction - CANCELLED
AD/BELL 205/47 - Hydraulic Servo Cylinder Assembly - Spanner Link Assembly Inspection and Rework - CANCELLED
AD/BELL 205/49 - Elevator to Horn Assembly Attachment - Modification - CANCELLED
AD/BELL 205/50 - Main Rotor Grip/Blade Bolt - Inspection and Rework - CANCELLED
AD/BELL 205/51 Amdt 1 - Vertical Fin Spar Cap - CANCELLED
AD/BELL 205/59 - Swayplate Outer Ring - CANCELLED
AD/BELL 205/75 - Swayplate Support Assembly

Bell Helicopter Textron Canada (BHTC) 206 & Agusta Bell 206 Series Helicopters
AD/BELL 206/130 Amdt 3 - Main Landing Gear Cross Tubes

Bell Helicopter Textron 212 Series Helicopters
AD/BELL 212/14 - Fuel Boost Pumps - Inspection - CANCELLED

Eurocopter AS 332 (Super Puma) Series Helicopters
AD/S-PUMA/83 - Hinged Door Upper and Lower Catches

Eurocopter AS 350 (Ecureuil) Series Helicopters
AD/EUCUREUIL/71 Amdt 3 - Tail Rotor Blade Trailing Edge
AD/EUCUREUIL/134 - Starter-generator Damping Assembly

Eurocopter AS 355 (Twin Ecureuil) Series Helicopters
AD/AS 355/60 Amdt 3 - Tail Rotor Blade Trailing Edge

Kawasaki BK 117 Series Helicopters
AD/JBK 117/31 - Tail Rotor Balance Weights

Part 39-105 - Below 5700 kg

Aerospatiale (Socata) TBM 700 Series Aeroplanes
AD/TBM 700/51 - Wing Mounting Inspection

Airtracor AT-300, 400 and 500 Series Aeroplanes
AD/AT/24 Amdt 2 - Overture Skid Plate

Beechcraft 200 (Super King Air) Series Aeroplanes
AD/BE200/67 Amdt 5 - Fuselage Rear Pressure Bulkhead

Cessna 170, 172, F172, FR172 and 175 Series Aeroplanes
AD/CESNA 170/85 - Alternate Static Air Source Selector Valve Placard

Cessna 177 Series Aeroplanes
AD/CESNA 177/34 - Alternate Static Air Source Selector Valve Placard

Cessna 180, 182 and Wren 460 Series Aeroplanes
AD/CESNA 180/94 - Alternate Static Air Source Selector Valve Placard

Cessna 185 Series Aeroplanes
AD/CESNA 185/50 - Alternate Static Air Source Selector Valve Placard

Cessna 188 (Agwagon) Series Aeroplanes
AD/CESNA 188/20 Amdt 2 - Aileron Control Cables

Cessna 206 Series Aeroplanes
AD/CESNA 206/66 - Alternate Static Air Source Selector Valve Placard

Cessna 207 Series Aeroplanes
AD/CESNA 207/40 - Alternate Static Air Source Selector Valve Placard

Cessna 208 Series Aeroplanes
AD/CESNA 208/24 - Alternate Static Air Source Selector Valve Placard

Cessna 210 Series Aeroplanes
AD/CESNA 210/75 - Alternate Static Air Source Selector Valve Placard

Cessna T303 Series Aeroplanes
AD/CESNA 303/14 - Alternate Static Air Source Selector Valve Placard

Cessna 336 Series Aeroplanes
AD/CESNA 336/15 - Alternate Static Air Source Selector Valve Placard

Cessna 337 Series Aeroplanes
AD/CESNA 337/31 - Alternate Static Air Source Selector Valve Placard

Dornier 228 Series Aeroplanes
AD/DD 228/12 Amdt 1 - De-bonding of Surface Protection on Rudders and Elevators

Gippsland Aeronautics G8 Series Aeroplanes
AD/GA8/5 Amdt 2 - Horizontal Stabiliser Inspection

Pilatus PC-12 Series Aeroplanes
AD/PC-12/54 - Fuselage Overboard Vent Installation

Piper PA-36 (Pawnee Brave) Series Aeroplanes
AD/PA-36/4 - Flap Control - Modification - CANCELLED
AD/PA-36/3 Amdt 1 - Pre-Certification Requirements - Modifications - CANCELLED
AD/PA-36/7 - Wing Main Spar Centre Section - Modification - CANCELLED
AD/PA-36/8 Amdt 1 - Forward and Att Wing Attachment Fittings - Inspection and Modification
AD/PA-36/10 - Spray Pump Windmill - Modification - CANCELLED
AD/PA-36/11 - Muffler Clamp - Installation - CANCELLED
AD/PA-36/13 - Fuel Tank Vent - Inspection - CANCELLED
AD/PA-36/16 - Control Rod End Bearings - Replacement - CANCELLED
AD/PA-36/18 Amdt 1 - Wing Main Spar Carry Through Assembly - Inspection
AD/PA-36/20 Amdt 2 - Engine Mount Attach Brackets - Inspection and Modification

Piper PA-46 (Malibu) Series Aeroplanes
AD/PA-46/1 - Att Rudder Cable - Inspection - CANCELLED
AD/PA-46/2 - Interface of Elevator to Horizontal Stabiliser - Inspection and Modification - CANCELLED
AD/PA-46/4 Amdt 2 - Wing and Wing to Fuselage Fairing Rivets - CANCELLED
AD/PA-46/34 - Stall Warning Heat Control

Part 39-105 - Above 5700 kg

Airbus Industrie A330 Series Aeroplanes
AD/A330/95 Amdt 2 - Air Data Inertial Reference Unit Operational Procedure
AD/A330/99 - Centre Wing - Frame 40 Rear Fitting Web

Avions de Transport Regional ATR 42 Series Aeroplanes
AD/ATR 42/25 - Wire Bundles in the Rear Baggage Zone

Bombardier (Canadair) CL-600 (Challenger) Series Aeroplanes
AD/CL-600/54 Amdt 1 - Overwing Emergency Exit Placards
AD/CL-600/104 Amdt 1 - Inboard Flap Actuator
AD/CL-600/107 - Angle of Attack Transducer

Bombardier (Boeing Canada/De Havilland) DHC-8 Series Aeroplanes
AD/DHC-8/144 - De-Ice Busbar Sealant

Cessna 500 ( Citation V ) Series Aeroplanes
AD/CESNA 500/10 - Angle of Attack System

Embraer EMB-135 and EMB-145 Series Aeroplanes
AD/EMB-145/22 - Landing Gear Electronic Unit

Fokker F100 (F28 Mk 100) Series Aeroplanes
AD/F100/93 - On-Ground Wing Leading Edge Heating System
APPROVED AIRWORTHINESS DIRECTIVES CONTINUED....... 

Part 39-106 - Piston Engines
There are no amendments to Part 39-106 - Piston Engines this issue

Part 39-106 - Turbine Engines
CFM International Turbine Engines - CFM56 Series
AD/CFM56/28 - Low Pressure Turbine Rear Frame
Rolls Royce (Allison) Turbine Engines - AE 3007 Series
AD/AE 3007/6 Amdt 1 - High Pressure Turbine Stage 2 Wheels
Turbomeca Turbine Engines - Arriel Series
AD/ARRIEL/30 - Digital Engine Control Unit Software
AD/ARRIEL/31 - Reduction Gear Box Intermediate Pinion

Part 39-107 - Equipment
Emergency Equipment
AD/EMY/8 - Life Jackets - Inspection and Modification - CANCELLED
AD/EMY/9 - Life Jackets - Modification - CANCELLED
AD/EMY/17 - Life Jackets - Retirement - CANCELLED
AD/EMY/19 - Life Jackets - Inspection - CANCELLED
AD/EMY/21 - Life Jackets (RF) - Inspection - CANCELLED

Fuel Supply and Metering Equipment
AD/FSM/31 Amdt 2 - Fuel Injection Servo Plugs

Instruments and Automatic Pilots
AD/INST/1 - Gyro horizon Indicators Power Failure Warning Flag - Modification - CANCELLED
AD/INST/7 - H14 Automatic Pilot Servo Housing - Inspection - CANCELLED
AD/INST/12 - SEP 6 Automatic Pilot Roll Computer Clutch Circuit - Modification - CANCELLED
AD/INST/13 - Venting of SEP 2 Servomotor Clutches - Modification - CANCELLED
AD/INST/14 - SEP 6 Automatic Pilot Pitch Computer Clutch Circuit - Modification - CANCELLED
AD/INST/16 - King KS 102 Directional Gyro - Modification - CANCELLED
AD/INST/17 - King KI 525 Indicator - Modification - CANCELLED
AD/INST/18 - Collins PN-101 Pictorial Navigation System Slaving Accessory 328A-3G - Modification - CANCELLED
AD/INST/20 - SEP 2 Automatic Pilot Trim Servomotor Venting - Modification - CANCELLED
AD/INST/21 - King KFC200 - IAFCS - Bئidele Cable Clamps - Inspection - CANCELLED
AD/INST/25 - Aeronomic Encoding Altimeters - Replacement - CANCELLED
AD/INST/26 - Navomatic 200A Automatic Pilot Computer - Amplifier Nav Input - Modification - CANCELLED
AD/INST/33 Amdt 1 - King KAP/KFC 200 Autopilot - CANCELLED
AD/INST/35 - Collins APP-80/80A Autopilot Panel - CANCELLED
AD/INST/36 - Collins ALL-80X (Barometric Altimeter - CANCELLED

Propellers - Variable Pitch - Dowty Rotol
AD/PR/33 Amdt 3 - Hub Assembly

NEW MAINTENANCE HUMAN FACTORS TOOLBOX

Dr. Bill Johnson is chief scientific and technical advisor for Maintenance Human Factors, Federal Aviation Administration (FAA)

The Federal Aviation Administration (FAA) has released tools to help maintenance organisations tailor human factors presentations to match their specific requirements. The FAA maintenance human factors presentation system is a large software package (over 1GB in storage) delivered on DVD. The DVD contains:
- 150 editable MS PowerPoint slides, with organised content
- 10 video clips
- Approximately 40 animations provided by Lufthansa from their human factors web-based training program [www.ltt.aero]. [This DVD is not a substitute for the computer-based training (CBT) of Lufthansa or any other CBT provider.
- Information and web links to ensure continuing education opportunities

The FAA maintenance human factors presentation system is described as a ‘giant Lego-like collection of human factors information.’ Use the blocks to build a presentation that works for you. The DVD covers a set of generic topics blending the basics with concepts which the presenter can apply to the specific workplace. It includes the following main topics:
- Introduction to human factors
- History of human factors
- Human factors spectaculars
- The PEAR model (with fatigue)
- Human error and event reporting
- Maintenance accidents
- Where to get more information

It is NOT computer-based training – it is designed for you to tailor maintenance human factors presentations by adding, deleting, and modifying slides as they relate to your organisation. CASA is distributing copies of the DVD on behalf of the FAA – to obtain your copy, email safetypromotion@casa.gov.au

For more information, go to http://www.amtonline.com/publication/article.jsp?pubId=1&id=5571