



**Technician Training**

# **AS365N3 Field Maintenance Differences Training Course**

**8 Hours / 2 Days**

**Classroom 8 Hours**

**Practical 0 Hours**

Approved By: Ross McMichael \_\_\_\_\_ Date: \_01/06/2020

Instructor \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

Rev. 2.2

**AIRBUS**



This course is comprised of a theoretical presentation and practical exercises necessary to adequately review the basic aircraft systems and perform certain maintenance tasks described in Airbus maintenance documentation. Following the successful completion of this course, the technician should be able to perform Organizational and Intermediate level maintenance tasks and procedures necessary to maintain the helicopter. This course does not include Depot level maintenance tasks and procedures as described below.

#### **ORGANIZATIONAL LEVEL:**

Complete maintenance checks and servicing, inspection for condition, and exchange of line replaceable units according to applicable documentation.

#### **INTERMEDIATE LEVEL:**

Repair on or off of the helicopter and extended periodical inspections according to applicable maintenance documentation. A maintenance facility, qualified personnel, test equipment, and special tools are required to perform these tasks.

#### **DEPOT LEVEL:**

Major repair or overhaul at the manufacturer or at an authorized service station according to special documentation. Tools / test equipment and specialized personnel trained in Depot level maintenance tasks.

#### **PREREQUISITES:**

- Currently Certified as an Airframe Maintenance Technician
- Previous AS365N2 Field maintenance course
- Two Years Minimum Experience as an Active Helicopter Maintenance Technician
- In special cases these prerequisites can be waived by the Training Manager

#### **NOTICES:**

Airbus Helicopters, Inc. reserves the right to notify customer of the occurrence of any force majeure condition that, in its sole discretion, is the cause of excusable delay. In the event of a force majeure condition, the services and/or classes will be extended or, if required, rescheduled for the first available opening. Airbus Helicopters, Inc. will not be liable for any costs, claims, or damages to customer or its employees arising from delays or interruptions caused by any force majeure condition.



The following items shall serve as the training points for a typical AS365N3 maintenance training course focusing on field maintenance tasks as defined above. The course content shall be revised as necessary to reflect basic production helicopter configuration revision as subsequent aircraft are manufactured.

**Main Rotor Drive** Classroom 1.0 hours

SCOPE: This block of instruction will include differences to the main gearbox. A quiz will be conducted on the material presented.

**Main Rotor System** Classroom 1.0 hours

SCOPE: This block of instruction will include differences to the rotor mast. A quiz will be conducted on the material presented.

**Tail Rotor Drive System** Classroom 1.0 hours

SCOPE: This block of instruction will include description, operation, maintenance, inspection and troubleshooting of the tail rotor drive shafting, tail rotor gearbox and tail rotor. A quiz will be conducted on the material presented.

**Fuel System** Classroom 1.0 hours

SCOPE: This block of instruction will include differences to the fuel system. A quiz will be conducted on the material presented.

**PowerPlant** Classroom 4.0 hours

SCOPE: This block of instruction will include description, operation, maintenance, inspection and troubleshooting of the powerplant to include control rigging, systems monitoring indicating system, failure annunciator system, engine mounting, digital engine control system, starting system and fire detection and extinguishing systems. A quiz will be conducted on the material presented.