



Pilot Training

EC120 Recurrent Training Course

2 Days

Ground School	6 Hours (1 Day)
Sim	0 Hour
Flight	1.5 Hours per Student



SCOPE:

This course will provide a complete Recurrency Ground School of the EC120 helicopter. Classroom instruction, combined with handouts, will provide information for a thorough review and overall understanding of the aircraft. This review will cover normal procedures, aircraft limitations, and emergency procedures.

OBJECTIVE:

To provide a review of the fundamental knowledge of the aircraft and the aircraft systems necessary to conduct safe pre-flight, flight, and post-flight operations in the H120. Upon successful completion of this course the student should be able to conduct operations, within the limits of the flight manual, safely and efficiently.

COURSE PREREQUISITES:

Acceptance into this course is based upon these requirements:

- A current FAA issued Helicopter Pilot Certificate
- Valid Medical Certificate
- Current Helicopter Experience
- Successful Completion of the H120 Transition Course
- Attended a H120 Course within past 5 years

In special circumstances any of the above requirements may be waived with the approval of Airbus Helicopters, Inc.'s Chief Flight Instructor.

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 stated duration of the course is based on two student pilots per course. Additional student pilots may change the duration of the flight portion of the course. Airbus Helicopters Inc. instructor pilots fly a maximum of 4.5 hours per day.



Ground School

6 hours

Day 1

Pre-Class Review and General Limitations

0.5 Hours

NOTE: Prior to classroom instruction commencing, the student will be administered a pre-class review.

SCOPE: This block of instruction will cover registration and orientation to the course, a pre-class review and the general flight manual limitations. The general flight manual limitations section reviews general abbreviations and definitions, approved types of operations, maximum weights, altitude and temperature envelope, restrictions to flight, instrument markings, approved fuels, and approved engine lubricants.

Overview, Structure, Main Gear Box and Rotors

1.0 hours

SCOPE: This block of instruction will cover a general overview of the aircraft to include the main characteristics, main dimensions, structural highlights, overhead switches and controls, highlights of the main gear box and rotor systems. Additionally covered are all appropriate emergency procedures and caution / warning panel lights, as well as their meaning, and the proper corrective actions to be taken by the pilot.

Electrical, Hydraulic and Fuel Systems

1.0 hours

SCOPE: This block of instruction will cover the electrical system, the switch and fuse panels, the hydraulic and fuel systems. Additionally covered are all appropriate emergency procedures and caution / warning panel lights, as well as their meaning, and the proper corrective actions to be taken by the pilot.

VEMD

0.5 hours

SCOPE: This block of instruction will cover the VEMD. Additionally covered are all appropriate emergency procedures and caution / warning messages on the VEMD, as well as their meaning, and the proper corrective actions to be taken by the pilot.

Engine

1.0 hours

SCOPE: This block of instruction will cover the engine. Additionally covered are all appropriate emergency procedures and caution / warning panel lights, as well as their meaning, and the proper corrective actions to be taken by the pilot.



Day 1 continued

Flight Manual – Section 4 - Starting and Checks

0.7 hours

SCOPE: This block of instruction will cover the starting sequence, what to look for, what checks are to be performed, how to accomplish these checks, and the 'whys' behind these checks. Grand Prairie Municipal Airport information is available, if appropriate.

Pre-Class Review Evaluation

0.5 hours

SCOPE: This block of instruction will cover an evaluation of the pre-class review. All questions will be covered and answered, as well as any student questions.

Final Exam and Course Critique

0.8 hours

SCOPE: This block of instruction will include administering an open-book, multiple-choice Final Exam, with emphasis on use of the flight manual to obtain information and knowledge of basic aircraft systems, and the practical use of charts associated with the flight manual. A maximum time limit of 30 minutes is permitted for administering the Final Exam. The scored Final Exam is retained by the Instructor and placed in the student's permanent file. A critique will be conducted to discuss the exam questions, to answer any student questions, and to evaluate the course as well as the course presentation.

Flight Training

1.5 hours

Day 2

Flight 1

1.5 hours

Startup/shut-down
Flight maneuvers
Hydraulic failures
Hover and Hover taxi autos
Straight-in and 180 autos