

Pilot Training

H125 / AS350 B3e Recurrent Training Course

3 Days Ground School Sim Flight

9 Hours (1.5 Days) 1 Hour per Student 1.5 Hours per Student





SCOPE:

This course will provide a complete Recurrency Ground School of the H125 / AS350B3E 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 H125 / AS350B3E helicopter. 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
- Multi-Engine Experience
- Current Helicopter Experience
- Successful Completion of the H125 / AS350B3E Transition Course
- Attended a H125 / AS350B3E 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.



Electrical Power System

SCOPE: his block of instruction will cover the direct current power sources, power system components, and their functions and operation. Relevant emergency procedures will be reviewed.

Hydraulic System

reviewed will be the main rotor mast, hub and its components. Relevant emergency procedures will be reviewed.

will be reviewed. 0.5 hours

Main Rotor & Main Rotor Drive System

SCOPE: This block of instruction will cover the main gearbox and its oil cooling system. Also

SCOPE: This block of instruction will cover the tail rotor gearbox, the tail rotor, their components, and monitoring systems. Relevant emergency procedures will be reviewed.

1.0 hours

SCOPE: This block of instruction will cover the hydraulic system including the servo actuators, accumulators (if applicable), and the yaw load compensator. System functions and operation including hydraulic tests will be covered. Relevant emergency procedures will be reviewed.

Day 1 eManuals Guide

SCOPE: Introduction to the eManuals app on iPads

FM & Limitations

VEMD

Ground School

SCOPE: This block of instruction will cover a comprehensive review of aircraft and flight limitations.

SCOPE: This block of instruction will cover a detailed review the VEMD, including its operation and the configuration, maintenance, and performance functions. Relevant emergency procedures

Tail Rotor & Tail Rotor Drive System



AIRBUS

0.5 hours

9 hours

0.3 hours

1.7 hours

0.9 hours

0.7 hours

Day 2

Fuel System

SCOPE: This block of instruction will cover the fuel system components and their functions; fuel system operation, and monitoring. Relevant emergency procedures will be reviewed.

Engine Oil System

SCOPE: This block of instruction will cover the Arriel engine oil cooling system and oil monitoring system. Relevant emergency procedures will be reviewed.

Engine Fuel Control

SCOPE: This block of instruction will cover the engine fuel controls and their operation principles, including the FADEC and EBCAU. Relevant emergency procedures will be reviewed.

Engine Power Monitoring

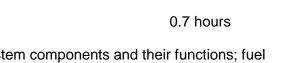
SCOPE: This block of instruction will cover engine and gear box power monitoring. Relevant emergency procedures will be reviewed.

Engine Fire Detection and Engine Failures

SCOPE: This block of instruction will cover the engine fire detection system and indicators. Also covered will be autorotation and engine relight procedures. Engine fire and failure emergencies will be reviewed.

Performance, Weight & Balance

SCOPE: This block of instruction will cover various Performance Charts as well as their usage and their application.



0.8 hours

0.4 hours

0.5 hours

0.5 hours

0.4 hours







Day	3	
Flight Brief		0.4 hours
	SCOPE: This block of instruction will cover a general flight brief including traffic operations.	pattern
Flight Training		2.5 hours
Flight		1.5 hours
Simu	Hovering flight Take off and approaches including running landings Hydraulic system failures Tail rotor loss of control Autorotations lator Flight Start malfunctions	1.0 hour
	Caution/warning lights System malfunctions Tail rotor loss of control Tail rotor loss of thrust	

