



**Pilot Training**

# **Night Vision Goggles NVG Initial Training Course**

**5 Days**

<b>Ground School</b>	<b>8 Hours (1 Day)</b>
<b>Sim</b>	<b>0 Hours</b>
<b>Flight</b>	<b>6 Hours per Student (4 Nights)</b>

**SCOPE:**

This course will ensure that the trainee is able to provide in-depth and detailed training for pilots intending to conduct night flight operations using NVG hardware. Training will include classroom and flight training.

**OBJECTIVE:**

Initial qualification for commercial pilots. Pilots must pass a 30 question written examination and satisfactorily perform all maneuvers. The intent of this training is give pilots basic knowledge on the safe use of night vision goggles. Students graduate with certificate.

**COURSE PREREQUISITES:**

Acceptance into this course is based upon these requirements:

- A current FAA issued Helicopter Pilot Certificate
- Class 2 Medical Certificate
- Current Helicopter Experience
- Minimum of 300 hours Flight Time in the Same Aircraft Series

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**

8 Hours

### **Day 1**

#### **Human Visual System**

SCOPE: In depth study of the human visual system to include:

Anatomy

Types of Vision

Visual Limitations.

#### **Theory of Night Vision Goggles**

SCOPE: Goggle Evolution and Operation

Sources of Night Light

Night Vision Goggle Visual Acuity

Meteorological Conditions and Night Vision Goggles

Crew Resource Management for Night Vision Goggles

Night Vision Goggle Failures

Night Vision Goggle Maneuver Review



## Flight Training

6 Hours / 4 Nights

### Night Flights

Basic Aircraft Maneuvers-Commercial PTS and NVG Specific	4 hours
Emergency Procedures	1 hour
Inadvertent IMC penetration	.5 hours
Spatial Disorientation	.5 hours