

BLACK HAWK PILOT INITIAL QUALIFICATION COURSE

The BLACK HAWK® Pilot Initial Qualification Course is intended for current qualified commercial helicopter pilots with instrument rating, or military equivalent, with no prior BLACK HAWK helicopter qualifications. to learn from our industry-leading, subject matter experts. Students will receive 10 hours of Systems Integration training conducted on a Ground Flight Simulator, in addition to 20.0 hours Pilot in Command simulator time, and 10.0 hours of Second in Command aircraft time.

Phase 1 provides ground school academics and full flight simulation training over 19 days.

Phase 2 students will participate in flight training over 10 days.

Phase 1 covers the following subjects:

- General Aircraft Overview
- Publications
- Crew Resource Management
- Adverse Weather Operations
- Electrical Power System
- Powerplant and Related Systems
- Fire Protection Systems
- Fuel System
- Hydraulic Systems
- Landing Gear and Brakes
- Powertrain
- Automatic Flight Control System
- Main Rotor/Tail Rotor
- Active Vibration Control System
- Flight Management System
- Integrated Cockpit
- Performance Planning

Phase 2 covers the following subjects:

- Flight Preparations
- Preflight Procedures
- Takeoff and Departure
- Inflight Maneuvers
- Landings and Approaches to Landings
- Flight Director Procedures
- Emergency Procedures
- Post Flight Procedures

COURSE LENGTH

Campus: 6 Weeks (29 Days)

PREREQUISITES

- Students must possess a current commercial helicopter certificate with instrument rating, or military equivalent and a minimum of 500 flight hours in turbine rotorcraft.
- Requirements as listed in General Student Information of the FAQ's.

BLACK HAWK PILOT TRANSITION COURSE

The BLACK HAWK Pilot Transition Course trains pilots previously qualified legacy S-70™/H-60 aircraft on the latest generation of the BLACK HAWK helicopter. Students will receive of 7 hours of Systems Integration training conducted on a Ground Flight Simulator, in addition to 10 hours Pilot in Command simulator time, and 10 hours of Second in Command aircraft time.

Phase 1 provides ground school academics as well as full-flight simulation training over 10 days. Ground school focuses on system differences from legacy models.

Phase 2 students will participate in flight training over 10 days.

Phase 1 covers the following subjects:

- General Aircraft Overview
- Publications
- Crew Resource Management
- Adverse Weather Operations
- Electrical Power System
- Powerplant and Related Systems
- Fire Protection Systems
- Fuel System
- Hydraulic Systems
- Landing Gear and Brakes
- Powertrain
- Automatic Flight Control System
- Main Rotor/Tail Rotor
- Active Vibration Control System
- Flight Management System
- Integrated Cockpit
- Performance Planning

Phase 2 covers the following subjects:

- Flight Preparations
- Preflight Procedures
- Takeoff and Departure
- Inflight Maneuvers
- Landings and Approaches to Landings
- Flight Director Procedures
- Emergency Procedures
- Post Flight Procedures

COURSE LENGTH

Campus: 4 Weeks (20 Days)

PREREQUISITES

- Students must possess a current commercial helicopter certificate with instrument rating, or military equivalent and a minimum of 500 flight hours in turbine rotorcraft.
- Be previously qualified in S-70 or H-60 rotorcraft.
- Requirements as listed in General Student Information of the FAQ's.

BLACK HAWK MAINTENANCE TEST PILOT FAMILIARIZATION TRAINING COURSE

The BLACK HAWK Maintenance Test Pilot Familiarization Training Course leverages the experience of our industry-leading, subject matter experts to provide pilots with the skills necessary to perform post-maintenance operational checks required to return an aircraft to flyable status. Training focuses on determining the aircraft airworthiness, utilizing proven techniques to determine whether the airframe, powerplant, accessories, and other equipment are functioning in accordance with predetermined requirements.

Students will receive 10.0 hours of Second in Command aircraft time.

This course will be conducted in the aircraft and covers the following topics:

- Maintenance Test Flight Preparations
- Preflight Procedures
- Before Starting Engine Checks
- Starting Engine Checks
- Run-Up Checks
- Taxi Checks
- Before Takeoff/Hover Checks
- After Takeoff/Cruise Checks
- After Landing Checks
- Maintenance Test Flight Checks

COURSE LENGTH

Campus: 2 Weeks (10 Days)

PREREQUISITES

- Students must possess a current commercial helicopter certificate with instrument rating, or military equivalent and a minimum of 500 flight hours in turbine rotorcraft.
- Students must, within the last 6 months, have 30 hours in type, 20 hours as Pilot in Command in type and 20 hours in specific model.
- Pilots who are not previously qualified in the latest generation S-70 or H-60 must complete the BLACK HAWK Pilot Initial Qualification Course. Pilots who are previously qualified in a legacy S-70 or H-60 aircraft must complete the BLACK HAWK Pilot Transition Course (academics and flight simulator).
- Requirements as listed in General Student Information of the FAQ's.

BLACK HAWK INSTRUCTOR PILOT FAMILIARIZATION COURSE

The BLACK HAWK Instructor Pilot Familiarization Course trains instructor pilots on how to safely conduct training in the latest generation of BLACK HAWK helicopter. Students will learn from our industry-leading, subject matter experts, leveraging our unique OEM expertise.

Students will receive 10 hours of Second in Command aircraft time. This course does not fulfill the renewal of flight instructor certificate requirement under 14 CFR 61.197.

This course will be conducted in the aircraft and covers the following topics:

- Flight Preparations
- Preflight Procedures
- Takeoff and Departure
- Inflight Maneuvers
- Landing and Approaches to Landing
- Flight Director Procedures
- Emergency Procedures
- Post Flight Procedures
- Methods of Instruction

COURSE LENGTH

Campus: 2 Weeks (10 Days)

PREREQUISITES

- Students must possess a previously qualified and current rotorcraft Certified Flight Instructor, or military Instructor Pilot, in helicopters by their cognizant military/government organization for a turbine helicopter.
- Have a minimum of 1000 flight hours in turbine rotorcraft, of which 500 hours must be Pilot in Command time.
- Students must, within the last 6 months, have 30 hours in type, 20 hours as Pilot in Command in type and 20 hours in specific model.
- Pilots who are not previously qualified in the latest generation S-70/H-60 must complete the BLACK HAWK Pilot Initial Qualification Course. Pilots who have previously qualified in legacy S-70/H-60 aircraft, must complete the BLACK HAWK Pilot Transition Course (academics and flight simulator).
- Requirements as listed in General Student Information of the FAQ's.

BLACK HAWK INSTRUCTOR PILOT REFRESHER COURSE

The BLACK HAWK Instructor Pilot Refresher Course trains previously qualified instructor pilots on how to safely conduct training in the latest generation of BLACK HAWK helicopter. Students will learn from our industry-leading, subject matter experts, leveraging our unique OEM expertise.

Students will receive 5 hours of Second in Command aircraft time. This course does not fulfill the renewal of flight instructor certificate requirement under 14 CFR 61.197.

This course will be conducted in the aircraft and covers the following topics:

- Flight Preparations
- Preflight Procedures
- Takeoff and Departure
- Inflight Maneuvers
- Landing and Approaches to Landing
- Flight Director Procedures
- Emergency Procedures
- Post Flight Procedures
- Methods of Instruction

COURSE LENGTH

Campus: 1 Week (5 Days)

PREREQUISITES

- Students must possess a previously qualified and current rotorcraft Certified Flight Instructor, or military Instructor Pilot, in helicopters by their cognizant military/government organization for a turbine helicopter.
- Have a minimum of 1000 flight hours in turbine rotorcraft, of which 500 hours must be Pilot in Command time.
- Students must, within the last 6 months, have 30 hours in type, 20 hours as Pilot in Command in type and 20 hours in specific model.
- Requirements as listed in General Student Information of the FAQ's.

BLACK HAWK MISSION EQUIPMENT FAMILIARIZATION COURSE

The BLACK HAWK Mission Equipment Familiarization Course is organized to familiarize pilots with their specific mission equipment. The course provides the necessary knowledge and proficiency to preflight and operate that equipment.

Depending upon the customer aircraft configuration, the syllabus will need to be custom tailored and/or may include the following topics:

- Navigation and Flight Planning
- Search and Rescue Patterns
- External Load/Hoist
- Communications
- Integrated Vehicle Health Monitoring System
- Customer Specific Equipment

Students will receive 5 hours of Second in Command aircraft time.

COURSE LENGTH

Campus: 1 Week (5 Days)

PREREQUISITES

- Students must possess a current commercial helicopter certificate with instrument rating, or military equivalent and a minimum of 500 flight hours in turbine rotorcraft.
- Students must, within the last 6 months, have 30 hours in type, 20 hours as Pilot in Command in type and 20 hours in specific model.
- Pilots who are not previously qualified in the latest generation S-70 or H-60 must complete the BLACK HAWK Pilot Initial Qualification Course. Pilots who are previously qualified in a legacy S-70 or H-60 aircraft must complete the BLACK HAWK Pilot Transition Course (academics and flight simulator).
- Requirements as listed in General Student Information of the FAQ's.

BLACK HAWK PILOT REFRESHER COURSE

A pilot must stay sharp and current with their understanding of the aircraft systems, knowledge of flight maneuvers, and the ability to operate as an effective crewmember.

The BLACK HAWK Refresher Course targets pilots who have attended an Initial or Transition course and are required to attend annual training or have not flown the aircraft for an extended period.

This course is conducted in the aircraft and covers the following topics:

- Flight Preparations
- Preflight Procedures
- Takeoff and Departure
- Inflight Manuals
- Landings and Approaches to Landings
- Flight Director Procedures
- Emergency Procedures
- Post Flight Procedures

Students will receive 5 hours of Second in Command aircraft time.

COURSE LENGTH

Campus: 1 Week (5 Days)

PREREQUISITES

- Students must possess a current commercial helicopter certificate with instrument rating, or military equivalent and a minimum of 500 flight hours in turbine rotorcraft.
- Requirements as listed in General Student Information of the FAQ's.

BLACK HAWK NIGHT VISION GOGGLE INITIAL COURSE

The BLACK HAWK Night Vision Goggle Initial Course is intended for aircrew members with no prior Night Vision Goggle qualification. This course provides pilots and/or crewmembers with instruction on the characteristics of utilizing NVGs in flight. The course includes classroom instruction and practical exercises as well as in-flight training.

This course covers the following topics:

- NVG Equipment
- Night Vision Orientation
- NVG Terrain Interpretation
- NVG Flight Planning
- NVG Operational Checks
- VMC NVG Takeoff
- Use of Search Light
- NVG Traffic Pattern
- NVG Approach and Landing
- Landing in Brightly Lighted Areas
- Remote Area of Operations
- Go Around (Wave Off)
- Airspace Surveillance
- Weather Interpretation
- NVG Before-Takeoff Checks
- Hovering Flight with NVGs
- Low Light Conditions
- NVG Deceleration
- Slope Operations

Pilots/Crew Chiefs will receive 5 hours of flight time.

COURSE LENGTH

Campus: 1 Week (5 Days)

PREREQUISITES

- This course is available to pilots and crew- members who are previously qualified and current in the latest generation S-70 or H-60 rotorcraft.
- Pilots must possess a current commercial helicopter certificate with instrument rating, or military equivalent and a minimum of 500 flight hours in turbine rotorcraft.
- Requirements as listed in General Student Information of the FAQ's.

BLACK HAWK NIGHT VISION GOGGLE REFRESHER COURSE

The BLACK HAWK Night Vision Goggle Refresher Course is intended for aircrew members who are no longer current or need to improve proficiency operating NVGs. This course provides pilots and/or crew members with instruction on the characteristics of utilizing NVGs in-flight. The course includes classroom instruction and practical exercises as well as in-flight training.

This course covers the following topics:

- NVG Equipment
- Night Vision Orientation
- NVG Terrain Interpretation
- NVG Flight Planning
- NVG Operational Checks
- VMC NVG Takeoff
- Use of Search Light
- NVG Traffic Pattern
- NVG Approach and Landing
- Landing in Brightly Lighted Areas
- Remote Area of Operations
- Go Around (Wave Off)
- Airspace Surveillance
- Weather Interpretation
- NVG Before-Takeoff Checks
- Hovering Flight with NVGs
- Low Light Conditions
- NVG Deceleration
- Slope Operations

Pilots/Crew Chiefs will receive 2.5 hours of flight time.

COURSE LENGTH

Campus: 3 Days

PREREQUISITES

- This course is available to pilots and crew- members who are previously qualified and current in the latest generation S-70 or H-60 rotorcraft.
- Pilots must possess a current commercial helicopter certificate with instrument rating, or military equivalent and a minimum of 500 flight hours in turbine rotorcraft.
- Requirements as listed in General Student Information of the FAQ's.

CREW CHIEF INITIAL

The BLACK HAWK Crew Chief Initial course is intended for crew members to learn from our industry-leading, subject matter experts on the fundamental knowledge necessary to safely perform aircrew duties aboard the S-70 helicopter. Crewmembers will receive instruction utilizing our interactive system trainers, computer-based training modules, and BLACK HAWK trainer aircraft, as well as 8 hours of flight training.

Phase 1 introduces students to aircraft system operational limitations, aeromedical factors and basic aircrew terminology.

Phase 2 students will participate in flight training.

Phase 1 covers the following subjects:

- Aircraft Systems, Avionics, Mission Equipment Descriptions and Operations
- Operating Limitations and Restrictions
- Emergency Procedures and Malfunction Analysis
- Aeromedical Factors

Phase 2 covers the following subjects:

- Participate in a Crew Mission Briefing
- Verify Aircraft Weight and Balance
- Operate Aviation Life Support Equipment
- Prepare Aircraft for Mission
- Perform Pre-Flight Inspection
- Perform Before Starting-through-Leaving Helicopter Checks
- Maintain Airspace Surveillance
- Perform Radio Communications
- Perform Fuel Management Operations
- Perform Slope Operations
- Respond to Emergencies
- Perform Auxiliary Power Unit Operations
- Perform Emergency Egress
- Participate in a Crew-Level After-Action Review

COURSE LENGTH

Campus: 3 Weeks (15 Days)

COURSE PREREQUISITES

- Completion of the S-70i/S-70M Maintenance Initial course or the S-70i/S-70M Avionics and Electrical course.
- Possess a current FAA class 3 Flight Physical or equivalent.
- Requirements as listed in General Student Information of the FAQ's.

CREW CHIEF INITIAL w/ NVG

The BLACK HAWK Chief Initial course w/NVG is intended for crew members to learn from our industry-leading, subject matter experts on the fundamental knowledge necessary to safely perform aircrew duties aboard the S-70 helicopter. Crewmembers will receive instruction utilizing our interactive system trainers, computer-based training modules, and BLACK HAWK trainer aircraft, as well as 10 hours of flight training.

Phase 1 introduces students to aircraft system operational limitations, aeromedical factors and basic aircrew terminology.

Phase 2 students will participate in flight training

Phase 1 covers the following subjects:

- Aircraft Systems, Avionics, Mission Equipment Descriptions and Operations
- Operating Limitations and Restrictions
- Emergency Procedures and Malfunction Analysis
- Aeromedical Factors
- Night Mission Operations
- NVG Operations

Phase 2 covers the following subjects:

- Participate in a Crew Mission Briefing
- Verify Aircraft Weight and Balance
- Operate Aviation Life Support Equipment
- Prepare Aircraft for Mission
- Perform Pre-Flight Inspection
- Perform Before Starting-through-Leaving Helicopter Checks
- Maintain Airspace Surveillance
- Perform Radio Communications
- Perform Fuel Management Operations
- Perform Slope Operations
- Respond to Emergencies
- Perform APU Operations
- Perform Emergency Egress
- Employ Aviator's Night Vision Imaging System
- Participate in a Crew-Level After-Action Review

COURSE LENGTH

Campus: 3 Weeks (15 Days)

COURSE PREREQUISITES

- Completion of the S-70i/S-70M Maintenance Initial course or the S-70i/S-70M Avionics and Electrical course.
- Possess a current FAA class 3 Flight Physical or equivalent.
- Requirements as listed in General Student Information of the FAQ's.

CREW CHIEF ADVANCED

The BLACK HAWK Chief Advanced Course is intended for crew members to learn from our industry-leading, subject matter experts on the fundamental knowledge necessary to safely perform aircrew duties aboard the S-70 helicopter. Crewmembers will receive 6 hours of flight training utilizing our BLACK HAWK trainer aircraft.

Phase 1 introduces students to aircraft system operational limitations and mission operation.

Phase 2 students will participate in flight training.

Phase 1 covers the following subjects:

- Aircraft Systems, Avionics, Mission Equipment Descriptions and Operations
- Operating Limitations and Restrictions
- Emergency Procedures and Malfunction Analysis
- Mission Operations

Phase 2 covers the following subjects:

- Participate in a Crew Mission Briefing
- Operate Aviation Life Support Equipment
- Prepare Aircraft for Mission
- Perform Pre-Flight Inspection
- Perform Before Starting-through-Leaving Helicopter Checks
- Maintain Airspace Surveillance
- Perform Radio Communications
- Respond to Emergencies
- Participate in a Crew-Level After-Action Review
- Perform External (Sling) Load Operation
- Perform Rescue Hoist Operations

COURSE LENGTH

Campus: 1 Week (5 Days)

COURSE PREREQUISITES

- Completion of the Crew Chief Initial course.
- Possess a current FAA class 3 flight physical or equivalent.
- Requirements as listed in General Student Information of the FAQ's.

CREW CHIEF ADVANCED w/ NVG

The BLACK HAWK Crew Chief Advanced course w/NVG is intended for crew members to learn from our industry-leading, subject matter experts on the fundamental knowledge necessary to safely perform aircrew duties aboard the S-70 helicopter. Crewmembers will receive 10 hours of flight training utilizing our BLACK HAWK trainer aircraft.

Phase 1 introduces students to aircraft system operational limitations and mission operation.

Phase 2 students will participate in flight training.

Phase 1 covers the following subjects:

- Aircraft Systems, Avionics, Mission Equipment Descriptions and Operations
- Operating Limitations and Restrictions
- Emergency Procedures and Malfunction Analysis
- Mission Operations
- Night Mission Operation
- NVG Operation

Phase 2 covers the following subjects:

- Participate in a Crew Mission Briefing
- Operate Aviation Life Support Equipment
- Prepare Aircraft for Mission
- Perform Pre-Flight Inspection
- Perform Before Starting-through-Leaving Helicopter Checks
- Maintain Airspace Surveillance
- Perform Radio Communications
- Respond to Emergencies
- Employ Aviator's Night Vision Imaging System
- React to Aviator's Night Vision Imaging System Failure
- Participate in a Crew-Level After-Action Review
- Perform External (Sling) Load Operation
- Perform Rescue Hoist Operations
- Employ Aviator's Night Vision Imaging System

COURSE LENGTH

Campus: 2 Week (10 Days)

COURSE PREREQUISITES

- Completion of the Crew Chief Initial w/NVG course.
- Possess a current FAA class 3 Flight Physical or equivalent.
- Requirements as listed in General Student Information of the FAQ's.

S-70i/S-70M MAINTENANCE INITIAL

The S-70i™/S-70M™ Maintenance Initial course provides technicians with the necessary knowledge to accurately troubleshoot, diagnose, and repair aircraft system malfunctions. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they perform removal and installations, adjustments, O-level repairs, and inspections on helicopter components.

Technicians will receive a minimum of 60 hours of practical exercises utilizing our interactive system trainers and computer-based training modules, as well as our BLACK HAWK trainer aircraft.

Subjects covered include:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Powerplant System
- Powertrain Systems
- Main Tail Rotor Systems
- Hydraulic Power System
- Mechanical Flight Controls
- Automatic Flight Control System (AFCS)
- Landing Gear
- Avionics and Electrical System
- Auxiliary Power Unit System
- Pneumatic System
- Fuel System
- Active Vibration Control System (AVCS)
- Weight and Balance
- Component Adjustments
- Component Inspections
- Troubleshooting

COURSE LENGTH

Campus: 4 Weeks (20 days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70A MAINTENANCE INITIAL

The S-70A™ Maintenance Initial course provides technicians with the necessary knowledge to accurately troubleshoot, diagnose, and repair aircraft system malfunctions. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they perform removal and installations, adjustments, O-level repairs, and inspections on helicopter components.

Technicians will receive a minimum of 60 hours of practical exercises utilizing our interactive system trainers and computer-based training modules, as well as our BLACK HAWK trainer aircraft.

Subjects covered include:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Powerplant System
- Powertrain Systems
- Main Tail Rotor Systems
- Hydraulic Power System
- Mechanical Flight Controls
- Automatic Flight Control System (AFCS)
- Landing Gear
- Avionics and Electrical System
- Auxiliary Power Unit System
- Pneumatic System.
- Fuel System
- Weight and Balance
- Component Adjustments
- Component Inspections
- Troubleshooting

COURSE LENGTH

Campus: 4 Weeks (20 day)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70i/S-70M AVIONICS AND ELECTRICAL INITIAL

The S-70i/S-70M Avionics and Electrical Initial course provides technicians with the necessary knowledge to accurately troubleshoot, diagnose, and repair aircraft system malfunctions. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they perform removal and installations, adjustments, O-level repairs, and inspections on helicopter avionic components.

Technicians will receive a minimum of 60 hours of practical exercises utilizing our interactive system trainers and computer-based training modules, as well as our BLACK HAWK trainer aircraft.

Subjects covered include:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Aircraft Wiring
- Flight Managements System (FMS)
- Flight Mission Display System (FMDS)
- Communications Systems
- Navigation Systems
- Electrical System
- Aircraft Lighting
- Powerplant System
- Mechanical Flight Controls
- Automatic Flight Control System (AFCS)
- Landing Gear
- Auxiliary Power Unit System
- Pneumatic System
- Fuel System
- Active Vibration Control System (AVCS)
- Component Adjustments
- Component Inspections
- Troubleshooting

COURSE LENGTH

Campus: 4 Weeks (20 days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70A AVIONICS AND ELECTRICAL INITIAL

The S-70A Avionics and Electrical Initial course provides technicians with the necessary knowledge to accurately troubleshoot, diagnose, and repair aircraft system malfunctions. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they perform removal and installations, adjustments, O-level repairs, and inspections on helicopter avionic components.

Technicians will receive a minimum of 60 hours of practical exercises utilizing our interactive system trainers and computer-based training modules, as well as our BLACK HAWK trainer aircraft.

Subjects covered include:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Aircraft Wiring
- Communications Systems
- Navigation Systems
- Electrical System
- Aircraft Lighting
- Powerplant System
- Mechanical Flight Controls
- Automatic Flight Control System (AFCS)
- Landing Gear
- Auxiliary Power Unit System
- Pneumatic System
- Fuel System
- Component Adjustments
- Component Inspections
- Troubleshooting

COURSE LENGTH

Campus: 4 Weeks (20 day)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70 MAINTENANCE DIFFERENCES

The S-70 Maintenance Differences course provides technicians with the necessary knowledge to transition from the Legacy S-70A BLACK HAWK Helicopter to the S-70i/M. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they perform removal and installations, adjustments, O-level repairs, and inspections on helicopter components.

Technicians will receive a minimum of 18 hours of practical exercises utilizing our interactive system trainers and computer-based training modules, as well as our BLACK HAWK trainer aircraft.

Subjects covered include:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Differences Overview
- Automatic Vibration Control System (AVCS)
- Flight Control System
- Rotor Brake System
- Automated Flight Control System (AFCS)
- Folding Stabilator
- Integrated Vehicle Health Management System (IVHMS)
- Helicopter Terrain Avoidance Warning System (HTAWS)
- Communication System
- Common Mission Equipment
- Flight Management System (FMS)
- Flight/Mission Display Systems (F/MDS)
- Component Adjustments
- Component Inspections
- Troubleshooting

COURSE LENGTH

Campus: 2 Weeks (10 day)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70 MAINTENANCE MANAGER

The S-70 Maintenance Manager course is intended to enhance the Maintenance Supervisors' understanding of management programs and tools used to track, monitor, and record maintenance activities as they pertain to the BLACK HAWK helicopter. Managers will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise how to streamline organizing, scheduling, and maintenance planning process.

Technicians will receive a minimum of 4 hours of practical exercises utilizing our interactive system trainers and computer-based training modules, as well as our BLACK HAWK trainer aircraft.

Subjects covered include:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Aircraft Systems
- Maintenance Program Management
- Maintenance Management Tools

COURSE LENGTH

Campus: 2 Weeks (10 days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70 QUALITY ASSURANCE & INSPECTOR

The S-70 Quality Assurance and Inspector course trains technicians on the quality control program requirements and responsibilities, technical inspector responsibilities, and component inspections procedures. Students will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise on Aircraft Logbook and maintenance documentation tracking, the use of maintenance tracking tools, and Sonic Tap Testing procedures.

Technicians will receive a minimum of 8 hours of practical exercises utilizing our interactive system trainers and computer-based training modules, as well as our BLACK HAWK trainer aircraft.

Subjects covered include:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Quality Control Program
- Preventative Maintenance Inspections
- Quality Control Responsibilities
- Technical Inspector Responsibilities
- Aircraft Logbook and Maintenance Documentation
- Sonic Tap Testing

COURSE LENGTH

Campus: 2 Weeks (10 days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70 FLIGHT CONTROL RIGGING

The S-70 Flight Control Rigging course provides technicians with the necessary knowledge to perform flight control rigging and troubleshooting procedures. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise on engine rigging procedures, as well as flight control complete rigging and rig check procedures. Technicians will receive classroom instruction, and a minimum of 28 hours of practical exercises utilizing our BLACK HAWK aircraft trainer.

The following subjects will be covered

- Flight Control Rigging Requirements
- General Rigging Procedure
- Main Rotor Complete Rig Procedures
- Main Rotor Rig Check Procedures
- Tail Rotor Complete Rig Procedures
- Tail Rotor Rig Check Procedures
- Engine Rigging Procedures
- Mechanical Flight Control Troubleshooting Procedures
- Flight Control Rigging Tools and Test Equipment.

COURSE LENGTH

Campus: 1 Week (5 Days)

COURSE PREREQUISITES

- Completion of the S-70i/M Maintenance Initial, S-70i/S-70M Avionics and Electrical Initial, or S-70i/S-70M Combined Maintenance and Avionics course.
- Requirements as listed in General Student Information of the FAQ's.

INTEGRATED VEHICLE HEALTH MANAGEMENT SYSTEM

The S-70 Integrated Vehicle Health Management System course provides technicians with the necessary knowledge to use the aircraft's On-Board System (OBS) and Integrated vehicle Health Management System (IVHMS) ground stations. Technicians will learn from our industry-leading, subject matter experts on removal and installation, adjustments, and inspections related to installed IVHMS equipment. Technicians will receive classroom instruction, and a minimum of 8 hours of practical exercises utilizing our interactive system trainers and computer-based training modules, as well as our BLACK HAWK trainer aircraft.

Subjects covered include:

- Helicopter IVHMS
- IVHMS Ground Station Operation
- Data Retrieval
- Reviewing Helicopter Diagnostics

COURSE LENGTH

Campus: 1 Week (5 Days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70 PHASE MAINTENANCE INSPECTION

The S-70 Phase Maintenance Inspection course provides technicians with the necessary knowledge to prepare, manage, and execute PMI 1 and 2 inspections. Technicians will learn from our industry-leading, subject matter experts on Pre-phase preparation procedures, phase management techniques, PMI 1 and 2 inspections, and post phase maintenance requirements. Technicians will receive classroom instruction and a minimum of 60 hours of practical exercises utilizing our BLACK HAWK trainer. Practical exercises included in this course have not been previously covered in the maintenance or avionics course.

Subjects covered include:

- PMI Technical Publication Overview
- PMI Intervals
- Phase Preparation
- Phase Management
- Aircraft Inspection Areas 1-6
- PMI 1 and PMI 2 inspections
- Post Phase Maintenance
- Additional inspections

COURSE LENGTH

Campus: 2 Week (10 Days)

COURSE PREREQUISITES

- Completion of the S-70i/S-70M Maintenance Initial, S-70i/S-70M Avionics and Electrical Initial, or S-70i/S-70M Combined Maintenance and Avionics course.
- Requirements as listed in General Student Information of the FAQ's.

S-70 O-LEVEL BLADE REPAIR

The S-70 O-Level Blade Repair course provides technicians with the necessary knowledge to perform repairs on the main and tail rotor blades. Technicians will learn from our industry-leading, subject matter experts on Main and Tail Rotor blade inspections, Main and Tail Rotor blade repair procedures, and Coin Tapping Procedures. Technicians will receive classroom instruction, and a minimum of 20 hours of practical exercises utilizing our BLACK HAWK trainer.

Subjects covered include:

- Main and Tail Rotor System Overview
- Main and Tail Rotor Blade Construction
- Main and Tail Rotor Blade Attachment
- Types of Damage
- Damage Criteria
- Acceptable Repairs

COURSE LENGTH

Campus: 5 Days

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70 FAMILIARIZATION

The S-70 Familiarization course provides technicians and operators with fundamental knowledge of the BLACK HAWK helicopter. Students will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise on BLACK HAWK mechanical, structural, avionic, and electrical systems.

Technicians will receive a minimum of 25 hours of practical exercises utilizing our interactive system trainers and computer-based training modules, as well as our BLACK HAWK trainer aircraft.

Subjects covered include:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- General Configuration
- Powerplant System
- Transmission and Drivetrain System
- Hydraulic System
- Electrical System
- Fuel System
- Flight Control System
- Avionic System
- Fire Protection System
- Auxiliary Powerplant System
- Landing Gear
- Utility Systems
- Ground Handling

COURSE LENGTH

Campus: 1 Week (5 day)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70i/S-70M COMBINED MAINTENANCE AND AVIONICS

The S-70i/S-70M Combined Maintenance and Avionics course provides technicians with the necessary knowledge to accurately troubleshoot, diagnose, and repair aircraft system malfunctions. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they perform removal and installations, adjustments, O-level repairs, and inspections on helicopter components.

Technicians will receive a minimum of 75 hours of practical exercises utilizing our interactive system trainers and computer-based training modules, as well as our BLACK HAWK trainer aircraft.

Subjects covered include:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Powerplant System
- Powertrain Systems
- Main Tail Rotor Systems
- Hydraulic Power System
- Mechanical Flight Controls
- Automatic Flight Control System (AFCS)
- Landing Gear
- Avionics and Electrical System
- Auxiliary Power Unit System
- Pneumatic System
- Fuel System
- Active Vibration Control System (AVCS)
- Aircraft Wiring
- Flight Managements System (FMS)
- Flight Mission Display System (FMDS)
- Communications Systems
- Navigation Systems
- Electrical System
- Aircraft Lighting
- Weight and Balance
- Component Adjustments
- Component Inspections
- Troubleshooting

COURSE LENGTH

Campus: 5 Weeks (25 days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70i/S-70M MAINTENANCE PRACTICAL (5 DAY)

The S-70i/S-70M Maintenance Practical (5 Day) course offers technicians an opportunity to further their knowledge and skills by performing maintenance practicals with our industry-leading, subject matter experts. This is a fast-paced course designed to save time away from home by building upon the subjects covered during the theory courses, allowing technicians to further their systems knowledge.

Training focuses on removal, inspection, installation and testing of aircraft components and systems.

Subjects covered include:

- Powerplant System
- Powertrain Systems
- Main Tail Rotor Systems
- Hydraulic System
- Mechanical Flight Controls
- Automatic Flight Control System (AFCS)
- Landing Gear
- Auxiliary Power Unit System
- Pneumatic System
- Fuel System
- Active Vibration Control System (AVCS)
- Weight and Balance

COURSE LENGTH

Campus: 1 Week (5 Days)

COURSE PREREQUISITES

- Technicians shall have completed the corresponding online Maintenance Theory Course.
- Requirements as listed in General Student Information of the FAQ's.

S-70i/S-70M AVIONICS PRACTICAL (5 DAY)

The S-70i/S-70M Avionics Practical (5 Day) course offers technicians an opportunity to further their knowledge and skills by performing maintenance practicals with our industry-leading, subject matter experts. This is a fast-paced course designed to save time away from home by building upon the subjects covered during the theory courses, allowing technicians to further their systems knowledge. As a prerequisite technicians shall have completed the corresponding online Avionics Theory Course.

Training focuses on removal, inspection, installation and testing of aircraft components and systems.

Subjects covered include:

- Powerplant System
- Hydraulic System
- Mechanical Flight Controls
- Automatic Flight Control System (AFCS)
- Auxiliary Power Unit System
- Pneumatic System
- Fuel System
- Active Vibration Control System (AVCS)
- Aircraft Wiring
- Flight Managements System (FMS)
- Flight Mission Display System (FMDS)
- Communications Systems
- Navigation Systems
- Electrical System

COURSE LENGTH

Campus: 1 Week (5 Days)

COURSE PREREQUISITES

- Technicians shall have completed the corresponding online Avionics Theory Course.
- Requirements as listed in General Student Information of the FAQ's.

S-70 AVIATION LIFE SUPPORT EQUIPMENT

The S-70 Aviation Life Support Equipment course provides technicians with the necessary knowledge to accurately perform inspections and adjustments of life support equipment. Technicians will learn from our industry-leading, subject matter experts as they perform fittings, adjustments, and O-level repairs of ALSE gear to ensure crewmember safety. Training includes a minimum of 45 hours of practical exercises.

Subjects covered include:

- Crewmember Helmet
- Crewmember Survival Vest
- Survival Vest Mounted Equipment
- Crewmember Protection Equipment
- Aircraft Fire Bottles
- Misc. Aircraft ALSE Furnishings

COURSE LENGTH

Campus: 2 Weeks (10 days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70i/S-70M MAINTENANCE INITIAL THEORY

The S-70i/S-70M Maintenance Initial Theory course provides technicians with the necessary knowledge to accurately troubleshoot and diagnose aircraft system malfunctions. This course is designed to save time away from home by offering instructor assisted computer-based training. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they are introduced to helicopter component descriptions and system principles of operation on the subjects listed below.

The following subjects will be covered:

- Publications
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Aircraft Sections
- General Configuration
- Aircraft Interior Components
- Aircraft Lighting
- Utility Systems
- Powerplant System
- Powertrain Systems
- Main Tail Rotor Systems
- Hydraulic Power System
- Mechanical Flight Controls
- Automatic Flight Control System (AFCS)
- Landing Gear
- Avionics and Electrical System
- Auxiliary Power Unit System (APU)
- Pneumatic System
- Fuel System
- Active Vibration Control System
- Weight and Balance
- Component Adjustments
- Component Inspections
- Troubleshooting

COURSE LENGTH

Computer Based Training – 3 Weeks (15 Days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70A/UH-60L MAINTENANCE INITIAL THEORY

The S-70A/UH-60L Maintenance Initial Theory course provides technicians with the necessary knowledge to accurately troubleshoot and diagnose aircraft system malfunctions. This course is designed to save time away from home by offering instructor assisted computer-based training. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they are introduced to helicopter component descriptions and system principles of operation on the subjects listed below.

The following subjects will be covered:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Aircraft Sections
- General Configuration
- Aircraft Interior Components
- Aircraft Lighting
- Utility Systems
- Powerplant System
- Powertrain Systems
- Main Tail Rotor Systems
- Hydraulic Power System
- Mechanical Flight Controls
- Automatic Flight Control System (AFCS)
- Landing Gear
- Avionics and Electrical System
- Auxiliary Power Unit System (APU)
- Pneumatic System
- Fuel System
- Weight and Balance
- Component Adjustments
- Component Inspections
- Troubleshooting

COURSE LENGTH

Computer Based Training: 3 Weeks (15 Days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70i/S-70M AVIONICS AND ELECTRICAL THEORY

The S-70i/S-70M Avionics and Electrical Theory course provides technicians with the necessary knowledge to accurately troubleshoot and diagnose avionic system malfunctions. This course is designed to save time away from home by offering instructor assisted computer-based training. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they are introduced to helicopter component descriptions and system principles of operation on the subjects listed below.

The following subjects will be covered:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Aircraft Systems Overview
- Aircraft Wiring
- Automated Flight Control System (AFCS)
- Flight Managements System (FMS)
- Flight Mission Display System (FMDS)
- Communications Systems
- Navigation Systems
- Electrical System
- Aircraft Lighting
- Integrated Vehicle Health Monitoring System (IVHMS)
- Component Adjustments
- Component Inspections
- Troubleshooting

COURSE LENGTH

Computer Based Training: 3 Weeks (15 Days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70A/UH-60L AVIONICS AND ELECTRICAL THEORY

The S-70A/UH-60L Avionics and Electrical Theory course provides technicians with the necessary knowledge to accurately troubleshoot and diagnose avionic system malfunctions. This course is designed to save time away from home by offering instructor assisted computer-based training. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they are introduced to helicopter component descriptions and system principles of operation on the subjects listed below.

The following subjects will be covered:

- Publications Overview
- EMI/ESD Protection
- Corrosion Control
- General Aircraft Overview
- Aircraft Systems Overview
- Aircraft Wiring
- Automated Flight Control System (AFCS)
- Communications Systems
- Navigation Systems
- Electrical System
- Aircraft Lighting
- Integrated Vehicle Health Monitoring System (IVHMS)
- Component Adjustments
- Component Inspections
- Troubleshooting

COURSE LENGTH

Computer Based Training: 3 Weeks (15 Days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70i/S-70M MAINTENANCE DIFFERENCES THEORY

The S-70i/S-70M Maintenance Differences Theory course provides technicians with the necessary knowledge to transition from the Legacy S-70A BLACK HAWK Helicopter to the S-70i/S-70M. This course is designed to save time away from home by offering instructor assisted computer-based training. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they are introduced to helicopter component descriptions and system principles of operation on the subjects listed below.

The following subjects will be covered:

- Aircraft Differences Overview
- Drivetrain System Upgrades
- Automatic Vibration Control System (AVCS)
- Flight Control System
- Rotor Brake System
- Automated Flight Control System (AFCS)
- Folding Stabilator
- Integrated Vehicle Health Management System (IVHMS)
- EMI/ESD Protection
- Helicopter Terrain Avoidance Warning System (HTAWS)
- Communication System
- Common Mission Equipment
- Flight Management System (FMS)
- Flight/Mission Display Systems (F/MDS)

COURSE LENGTH

Computer Based Training: 2 Weeks (10 Days)

COURSE PREREQUISITES

- Legacy BLACK HAWK experience.
- Requirements as listed in General Student Information of the FAQ's.

S-70 MAINTENANCE MANAGER

The S-70 Maintenance Manager course is intended to enhance the understanding of management programs and tools used to track, monitor, and record maintenance activities as they pertain to the BLACK HAWK helicopter. This course is designed to save time away from home by offering instructor assisted computer-based training. Managers will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise how to streamline organizing, scheduling, and maintenance planning process.

The following subjects will be covered

- General Aircraft Overview
- Aircraft Systems
- Maintenance Program, Management
- Maintenance Management Tools

COURSE LENGTH

Computer Based Training: 2 Weeks (10 Days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70 QUALITY ASSURANCE AND INSPECTOR

The S-70 Quality Assurance and Inspector course is trains technicians on the quality control program requirements and responsibilities, technical inspector responsibilities, and component inspections procedures. This course is designed to save time away from home by offering instructor assisted computer-based training. Students will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise on Aircraft Logbook and maintenance documentation tracking, the use of maintenance tracking tools, and Sonic Tap Testing procedures.

The following subjects will be covered

- Quality Control Program
- Preventative Maintenance Inspections
- Quality Control Responsibilities
- Technical Inspector Responsibilities
- Aircraft Logbook and Maintenance Documentation
- Sonic Tap Testing

COURSE LENGTH

Computer Based Training: 2 Weeks (10 Days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70i/S-70M INTEGRATED VEHICLE HEALTH MANAGEMENT SYSTEM

The S-70i/S-70M Integrated Vehicle Health Management System course provides technicians with the necessary knowledge to use the aircraft's on-board system (OBS) and Integrated vehicle Health Management System (IVHMS) ground stations. This course is designed to save time away from home by offering instructor assisted computer-based training. Students will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise as they are introduced to IVHMS equipment and operations.

The following subjects will be covered

- Helicopter IVHMS
- IVHMS Ground Station Operation
- Data Retrieval
- Reviewing Helicopter Diagnostics

COURSE LENGTH

Computer Based Training: 1 Weeks (5 Days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70 UPDATES AND RECURRING TRAINING

The S-70 Updates and Recurring Training course provides technicians and operators with OEM updates and recurring training on the BLACK HAWK helicopter. This course is designed to save time away from home by offering instructor assisted computer-based training. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise on the subjects listed below.

The following subjects will be covered

- General Aircraft Overview
- General Configuration
- Technical Publication Change
- Maintenance Procedures
- Alert Service Bulletins (ASB)
- Airworthiness Directives (AD)
- Best Practices

COURSE LENGTH

Computer Based Training: 1 week (5 days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70i/S-70M FAMILIARIZATION

The S-70i/S-70M Familiarization course provides operators and technicians with an introductory knowledge of the BLACK HAWK helicopter's mechanical, structural, avionics, AFCS, and electrical systems. This course is designed to save time away from home by offering instructor assisted computer-based training. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise on the subjects listed below.

The following subjects will be covered

- General Aircraft Overview
- Aircraft Systems
- Powerplant Systems
- Transmission and Drivetrain Systems
- Fire Protection Systems
- Hydraulic Power Systems
- Flight Controls
- Inspections

COURSE LENGTH

Computer Based Training: 1 week (5 Days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

S-70A/UH-60L FAMILIARIZATION

The S-70A/UH-60L Familiarization course provides operators and technicians with an introductory knowledge of the BLACK HAWK helicopter's mechanical, structural, avionics, AFCS, and electrical systems. This course is designed to save time away from home by offering instructor assisted computer-based training. Technicians will learn from our industry-leading, subject matter experts leveraging our unique OEM expertise on the subjects listed below.

The following subjects will be covered

- General Aircraft Overview
- Aircraft Systems
- Powerplant Systems
- Transmission and Drivetrain Systems
- Fire Protection Systems
- Hydraulic Power Systems
- Flight Controls
- Inspections

COURSE LENGTH

Computer Based Training: 1 week (5 Days)

COURSE PREREQUISITES

- Requirements as listed in General Student Information of the FAQ's.

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