



NIGHTFLIGHT
CONCEPTS

NVG AIRCREW TRAINING

ADVANCED TRAINING. EXCEPTIONAL RESULTS.

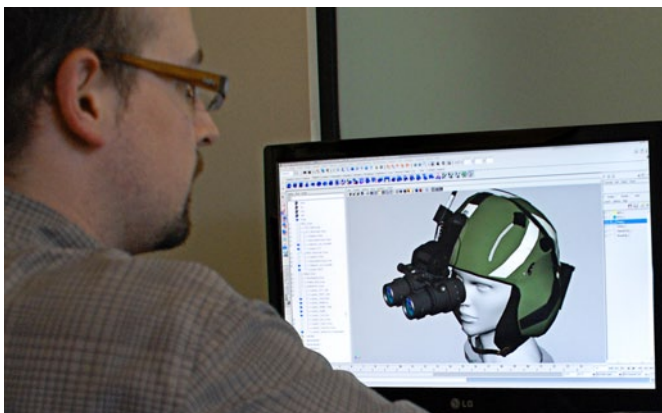
Night Flight Concepts Night Vision Goggle (NVG) aircrew training programs provide the customer with in-depth and state-of-the-art academic curriculum, hi-fidelity simulation and mission-oriented training to increase safety, situational awareness and operational capabilities at night.

MARKET NEED

Organizations face a variety of challenges in training and maintaining competence in night vision operations. Challenges, such as demanding operational tempos, fiscal restraints and limited access to equipment, training and operational support and experience. These factors greatly reduce the viability of traditional training methods.

TRAINING OVERVIEW

Designed to merge cutting-edge technologies with exceptional industry experience, Night Flight Concepts offers innovative training programs that provide up-to-date, relevant, comprehensive information on the latest NVG technology. As the premier provider of innovative and comprehensive NVG solutions, Night Flight Concepts consistently introduces value-added programs to support the advancement of the NVG industry worldwide.



No other NVG training provider boasts a more robust, regulatory compliant curriculum. The company's training programs deliver value to the customer by using a blended solution of advanced technologies and training methods to maximize learning effectiveness: computer-based training, virtual terrain boards, and proven, reliable training techniques. Night Flight Concepts embraces continuous improvement by reviewing and improving upon curriculum to meet the ebb and flow of information related to NVGs and optimal training instructional design methodologies to optimize the learning experience.

TRAINING HIGHLIGHTS

The Night Flight Concepts "Safety in Training" philosophy is not limited to our internal training programs. The NVG train-the-trainer program provided by NFC to our customers is comprehensive, intense, and challenging, even to the most seasoned instructor pilot. With a focus on instructional fundamentals, this program highlights technology, methods, techniques, and best-practices. In addition, instructional intervention techniques are built upon, resulting in a competent NVG instructor.

Night Flight Concepts challenges the most competent NVG pilot by combining the NVG training program with aircraft-specific maneuvers. Many NVG courses highlight touchdown autorotations, hydraulic and tail-rotor malfunctions, as well as FADEC or other engine control malfunctions while using NVGs. All of Night Flight Concepts NVG training programs are available in both single and twin engine aircraft.

The company has distinguished itself as the only NVG training provider with multiple training locations in both the US and Canada. NFC has selected well-established training facilities to provide our customers with standardized curriculum and instructional techniques in varying flight environments. Working directly and through strategic alignments, Night Flight Concepts provides NVG training throughout the world.

FEATURE

Initial NVG Training	Initial NVG training is required for personnel who do not have previous night vision goggle qualification or experience. For pilots, this is a mandatory requirement identified in FAA FAR 61.31(k) to use NVGs in flight. Training consists of ground and flight training while using NVGs augmented by CBT.
Recurrent NVG Training	Recurrent NVG training is required for personnel who serve a duty position during night vision goggle operations. It is also recommended for those who have exceeded 120 days since their last NVG flight. Training consists of ground training augmented by CBT. The NVG pilot must demonstrate flight or duty position proficiency while using NVGs.
Advanced NVG Training	Advanced NVG training is required prior to conducting advanced maneuvers and/or tasks. Ground school training and flight training is completed to proficiency. Advanced training includes but is not limited to: external load, long-line, search-and-rescue (SAR), rescue-hoist, mountain (high altitude) operations, multi-ship, rappelling, platform shooting, fast rope, detailed mission planning, terrain flight, aerial gunnery, and enhanced crew resource management.
NVG Instructor Pilot Training	NVG instructor pilot training is required for appropriately rated instructor pilots that are tasked to provide night vision goggle instruction. For instructor pilots, this is a mandatory requirement identified in FAR 61.195 to teach NVGs in flight. Training involves a set of a minimum of hours ground and flight training hours while exhibiting instructional knowledge of NVGs.
NVG Aircrew Training (Other than pilot)	Aircrew training is required for personnel who do not have previous night vision goggle qualification or experience and plan to function as a non-flying member on aircraft. For Part 135 crewmembers, this is a mandatory requirement identified in FAR Part 135 to act as a crewmember using NVGs in flight. The course consists of ground training with at least one hour of functional training using NVGs.
Flight Test Pilot NVG Qualification Training	Working in partnership with the Flight Test Center of Excellence in Canada, Night Flight Concepts works to provide NVG qualification training for NVG operational check and test pilots throughout the world. All aspects of NVG regulations, capabilities, limitations, and human factors pertinent to NVG use in flight test operations is covered.

BENEFIT HIGHLIGHTS

Night Flight Concepts Aircrew Training Programs:

- Reduce exposure to health risks associated with improper NVG use.
- Isolate and address NVG capabilities and limitations to ensure mission objectives are not compromised due to operator or flight errors.
- Help reduce the operation costs associated with improper NVG handling.
- Are comprehensive, providing current, relevant industry information to the needs of the NVG industry world-wide.
- Access to state-of-the-art media allowing rapid dissemination of the most current NVG information to industry.
- Provide a single point monitoring of regulatory changes and just-in-time solutions supporting continued compliance, competence, and overall confidence for the NVG user.
- Provide a support structure for NVG instructors and facilities to enhance NVG training safety through open communication and mentoring opportunities.



Night Flight Concepts (NFC) is a comprehensive night vision technology (NVT) provider specializing in night vision goggle (NVG) pilot and crewmember flight training, NVG service & maintenance repair, NVG maintenance technician training, and night vision program support for law enforcement agencies, air medical/rescue services, military organizations, and government task force agencies worldwide.

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