

# **Emergency Procedures**

## **Emergency Flight Termination**

When the helicopter is in autopilot mode, the pilot has the ability to switch to manual mode at any time using a switch on the manual 2.4 GHz RF transmitter. Therefore, if the autopilot malfunctions or causes the helicopter to fly on a collision course with an obstacle, the pilot can immediately take control and land the helicopter. In the event of a mechanical failure, the pilot will attempt to land the helicopter using any available controls. If the aircraft is not controllable or if the manual RF link is lost during the mechanical failure, the pilot can activate a PCM kill switch to shut off the engine. This switch, which operates on its own transmitter and frequency, will disable the ignition control module, shutting off the engine. The pilot would use the PCM kill switch in the event that the aircraft is uncontrollable and approaching an obstacle or the boundaries of the operational area.

## **Accident/Incident Procedures**

In the event of a crash, the following procedures will be followed:

- (1) Maintain personal safety, and check for any injuries.
- (2) Administer first aid and/or request medical care for any injured personnel.
- (3) Notify the FAA, AFRL safety office, and local law enforcement (if required).
- (4) Document any injuries, damage to property, and damage to the helicopter and payload.
- (5) Recover the helicopter and payload.
- (6) File the required incident documentation with the FAA, AFRL, and law enforcement (if required).

Afterwards, a detailed investigation will be conducted to ascertain the cause of the incident.