

A GPS/GLONASS (Global Positioning System) based guidance and mapping system that provides precise navigation and recording of the placement and retrieval of any material by helicopter. A **DynaFlight-SeisBag™** system simply and automatically points the way to the targeted sites.

Featuring a unique simple to use interface, **DynaFlight-SeisBag™** provides improved productivity in the deployment/retrieval of materials, such as seismic bags, as well as new tools for rapid and efficient pattern upload and download. The highly accurate (1 meter or better) on-board point management system combined with the helicopter, make a winning combination for safe and effective navigation in forests, mountains and many other challenging situations.

Using **DynaFlight-SeisBag™** on-board mapping tools, the pilot can simply fly directly to the points and the system automatically stores the deployment location for later retrieval and reporting to the surveyor.

Using the **SeisBag-Ground™** ground based software, the 3D Survey Data can be uploaded, downloaded and managed for Seismic bag and other materials locations. Using the receiver and source pattern, the **SeisBag-Ground™** software creates and adjusts the bag deployment pattern. **DynaFlight-SeisBag™** maintains a permanent record of all 3D flight paths including date and time. Optional telemetry gives live tracking as well as upload/download of the target points and mission plans to the helicopter.

The **DynaViz™** Display Unit provides the pilot with full "in view" guidance and operation of the system - *without the need to divert his gaze from the job*. The **DynaFlight-SeisBag™** system also features a full moving map display on the **DynaViz™** that provides up to the moment job information as well as a base reference map.

Fly and deploy! With the hands-on **Tophat switch** in the collective or cyclic, the pilot has complete control of the entire **DynaFlight-SeisBag™** system; all inputs are visible in the **DynaViz™** Display. Most operations are completely automatic without the need for pilot input.

The complete helicopter system consists of the **DynaFlight-SeisBag™** software and three main units, the **DynaViz™** Display Unit EL (Electro luminescent) display, the **DynaByte™** processor unit and the **Grip Switches** complete with mounting brackets, harnesses and antennas.

Specifications:

- Includes WAAS,
- **DynaViz™** Display Unit – EL flat panel display showing position, moving-map, guidance and operating buttons, for a safe operation.
- **DynaByte™** – rugged environmentally resistant enclosure with military spec. connectors.
- Tophat and MS switch for integration into collective or cyclic.
- Windows based software with Installation manual and quick reference user guide.
- GPS/GLONASS Engine is sub-meter and presented at ten position solutions per second or better.
- Optional **Telemetry-Remote** for live tracking as well as **DynaMap™** for creating background maps for ground and Air.

Environmental:	Physical: DynaByte™ Processor	DynaViz™ Display Unit
<i>Operating Temp:</i> -30 to +50 degrees C.	<i>Width:</i> 7.25 ins (18.5cm)	6.25 ins (16cm)
<i>Storage Temp:</i> -40 to +70 degrees C.	<i>Height:</i> 6.5 ins (16.5cm)	5.25 ins (13cm)
<i>Humidity:</i> 5 to 95%, non-condensing	<i>Depth:</i> 5 ins (13cm)	6.5 ins (16cm)
<i>EMI/RFI:</i> DOC, FCC	<i>Weight:</i> 4.4lbs (1.7kg)	1.6 lbs (.6kg)

Installation kit including antenna and **Tophat** - 4 lbs. (1.9kg) Please note: Specifications subject to change without notice.
8-40 VDC, negative ground (system requires less than 14 watts)