The Most Rugged and Advanced Airborne Agricultural System Available

**Features / Benefits**
- Advanced 12 channel DGPS Rx
- 10/20 Hz GPS Engine update rate
- 266 MHz Industrial Microprocessor
- Simple Control Head use - CDU
- 4 Alpha Numeric windows on L/B
- 999 Field memories
- 100 Home points
- Internal logging capabilities.
- Racetrack, Parallel line and Squeeze to Middle patterns and more
- 999 break Point memory
- Resume to Break Points
- Skipped line detection
- Automatic Reverse Direction Sensing
- Polygon field entry
- Aerial Mapping and Photographic interface capabilities
- Built in clock
- Date / Time tag
- On ground self-test
- Selection of feet/meters
- Ground speed in MPH, Statute Miles, m/sec. and Knots
- Remote functions on flight stick
- Flow Rate Monitoring, IntelliFlow®
- Dedicated Spray Off Control port
- Dedicated NMEA serial port
- Dedicated IntelliFlow® serial port
- VGA Color and keyboard ports

The advanced Systems software offers a unique suite called **Target Flow®** that provides geodesic polygon management that will control automatically the IntelliFlow® control system and provide Variable Flow Rate over required areas. This phenomenal suite also offers the Spray Off / Target Flow Zone (TFZ) controls.

Set-up is accomplished by using a menu driven Control and Display Unit (CDU). In addition to the Advanced Airborne Agricultural DGPS features, the core GMU (GPS Measuring Unit) can serve as a local Differential Reference Station.

This outstanding System is backed by the Del Norte Technology, Inc. worldwide full one year warranty.
SPECIFICATIONS

DGPS Flying Flagman® System

SYSTEM ENVIRONMENT

- Temperature 0° - 55° (32 - 130 F.)
- Vibration: Tested to MIL-STD-810C.

PHYSICAL / POWER CHARACTERISTICS

- System weight 24 lbs. (10.88 Kg.)
- GMU Dimensions
  - W 8.0 in. (20.3 cm.)
  - H 6.8 in. (17.3 cm.)
  - D 15.0 in. (38.1 cm.)
- CDU Dimensions
  - W 4.2 in. (10.6 cm.)
  - H 7.7 in. (19.5 cm.)
  - D 1.3 in. (3.3 cm.)
- SuperTrac Light Bar
  - W 15.0 in. (38.1 cm.)
  - H 2.0 in. (5.1 cm.)
  - D 5.5 in. (14.0 cm.)
- Power Input
  - 11 to 32 VDC, 40 Watts

SYSTEM SUPPLIED WITH:

- GMU Mainframe Pentium® 266MHz
- CDU Control Display Unit
- SuperTrac LightBar
- Remote Step Switch and Aux control cable
- GPS antenna and Diff antenna if required
- Diff receiver, can be internal or external
- Cables / Shock Mounts, etc.
- Installation, Operation and Maintenance Manuals

PERFORMANCE

- Differential Dynamic: 1 Meter CEP
- Update Rate: 10 to 20 times per second

SUPERTRAC LIGHTBAR

- Pilot Programmable Displays
  - Digital HSI
  - Line / Pass Number
  - Distance Off-Track
  - Distance - to - Go
  - Course Deviation
  - Area Sprayed
  - Ground Speed
  - Flow Volume and more
- Left / Right Guidance
  - Visible in Direct Sunlight
  - On / Off / Dimmer Control (CDU)
  - Programmable Sensitivity
- Course Deviation Indicators
  - Programmable to nearest 0.1 of a degree

OPTIONS

- Differential Data Sources
  - Satellite L-Band Data / WAAS
  - D-Beacon MF Transmissions
  - Local Reference Station / Tower
  - Portable Reference Station (GMU Mainframe)
- VFD Control Head Display (Vacuum Fluorescent Display)
- Data Loggers
  - Fast Access Internal Data Logger III (type II / III)
- Post-Processing Software
  - FliteTrac™ 2005 Windows® 95/98/Me/2000/XP/NT
- IntelliFlow® Flow Control System
  - Flow Turbines (0.75 GPM to 400 GPM)
- IntelliMap™ I and II
  - VGA Daylight Readable Color Display
- Target Flow® Software Suite
  - Automatic Variable Flow Rate control
  - Spray Off / Target Flow Zone (TFZ) and GSI feature

DEL NORTE COMMITMENT TO CONTINUOUS QUALITY IMPROVEMENT ASSURES
ONLY WORLD CLASS SYSTEMS WITH UNCOMPROMISED WORLDWIDE SERVICE.

Performance and Service
you can BANK ON!

CALL: 1-(800)-GPS-FLAG

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