

FireNav

Real Time Aircraft Tracking for Air Attack on Forest Fires Operation



FireNav by AG-NAV Inc. is a real time navigation package. The FireNav system was developed to apply GPS technology to enhance the air attack on forest fires. With accurate GPS data, FireNav is an active tracking and guidance system for each aircraft involved in fire fighting. Each pilot is able to constantly monitor the positions of all other aircraft involved in the operation, the location of the target and the area where previous drops have been made. The pilot is given real time guidance to the target and the countdown time indication when he reaches the target to get him ready to drop the retardant or water at the desired location.

The user-friendly software allows the bird dog to mark a target line, which can be seen on all other aircraft within the modem range. The software and hardware combination allows for other safety features such as aircraft proximity within a predetermined distance, warning for aircraft proximity, and view of other aircraft in real time.

All the aircraft are viewed on the moving map display at all times with great accuracy. FireNav state of the art Software lets you record all the data and navigation information for post flight analysis. The data can be used for training of personnel, therefore preventing mistakes from happening on future flights.

FireNav DGPS technology improves your application time, accuracy and safety by using state of the art software. It also allows for the software to be used with other systems such as a laptop computer.



AG-NAV[®]2 Moving Map Display

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MAIN FEATURES:

- FIRE/AREA MAPPING
- TARGET: LINES, POINTS
- REAL-TIME DATA FROM AIRCRAFT TO AIRCRAFT VIA MODEM
- DATA LOGGING
- DATA PLAYBACK
- VIEW ALL AIRCRAFT SIMULTANEOUSLY
- INTEGRATES WITH THE AGNAV[®]2 DGPS NAVIGATION SYSTEM
- COLOR SCREEN DISPLAY (OPTIONAL)
- DISPLAY SELECTION FLIGHT PATH
- DATA RECORDING
- DATA POST PROCESSING
- USER FRIENDLY SOFTWARE

