

## SPECIAL MISSIONS OPERATION: ENVIRONMENTAL DATA COLLECTION

For environmental data collection operations, the Twin Otter's flexible architecture allows for custom integration of specialized scientific equipment in a stable platform capable of operating safely and reliably in extreme conditions.

The Series 400 Twin Otter can be equipped with EO/IR sensor and crew monitoring station, and the rear fuselage can be fitted with a large camera hatch ideal for survey cameras. Hard points can also be installed to accommodate externally mounted mission equipment.

Observation windows, optional DC power outlets, and crew intercom jacks in the aft cabin allow for observation crew and equipment requirements. Additional supplies can also be stored in the aft baggage compartment and accessible through a rear cabin door at TN 332. For missions of longer duration, the aircraft can also be equipped with optional galley and/or lavatory to further increase crew comfort.

### Suggested Optional Mission Equipment:

- Crew Observation Windows
- Camera Hatch
- Hard Point Installation
- 14V or 28V DC Outlets in Rear Cabin
- 4<sup>th</sup> Crew Intercom Jack at STN 332
- EO/IR Installation
- Lavatory
- Galley

The legacy Twin Otter is utilized by environmental data collection agencies such as Bald Mountain Aircraft and the National Oceanic and Atmospheric Administration (NOAA), who provide weather forecasts, climate monitoring, and fisheries management to the US Department of Commerce.



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