

CLIENT: TYNDALL AIR FORCE BASE

YEARS ACTIVE: 14 • FIRST YEAR: 2008 • ACREAGE: 28,000 +/FOCUS: LAND MANAGEMENT AND RESTORATION



Since 2008, F4 has provided a wide range of natural resources management planning, technology support, and ecosystem restoration services at Tyndall Air Force Base (Tyndall), which is located east of Panama City, Florida. Over the course of this long-term relationship, F4 has adapted to ever-changing conditions and modified service offerings to meet client needs. Specific F4 services have included GIS stand mapping, forest inventory, forest planning, timber sale administration, habitat restoration, site preparation, tree planting, and natural disaster response. In addition, SilvAssist (F4's technology suite), has been consistently utilized to help manage workflows and implement field data collection, reporting, project tracking, and data analysis. Prior to Hurricane Michael (October 2018), F4 quantified forest resources and implemented upland ecosystem restoration activities involving the conversion of off-site stands of planted slash pine to longleaf pine forest communities.



PROJECT HIGHLIGHTS

Pre-Hurricane Michael

- 1. Mapped and inventoried all forest resources across the entire base.
- 2. Helped reestablish longleaf pine over 2,238 acres.
- 3. Utilized SilvAssist across the forested footprint.
 - a. Streamlined data collection
 - b. Enhanced reporting capabilities
 - c. Supported an increased level of analytics

Post-Hurricane Michael

- 1. Assisted with salvaging 9,500 acres of storm-damaged timber.
- 2. Helped reestablish longleaf pine on an additional 6,200 acres since 2019.
- 3. Helping promote ground-cover restoration
 - a. Hand planting wiregrass and warm-season grass plugs
 - b. Utilized a grasslander direct-seed "drill"
- 4. Redelineated/remapped all stands post salvage operation

