



UAS Subsystems Flight Termination System (FTS)

TARSIS Family / UAS Subsystems



SVN

The FTS is composed by the FTS-Air and FTS-Ground segments.

FTS-Air is the onboard segment in charge of activating the recuperation mood of the RPAS and monitoring the FMS status through datalink. Their actions are commanded by the FTS-Ground, independent of the control station.

FTS provides the RPAS with a high reliable and safe operation thanks to the use of the datalink network, which enables to locate the RPAS from the control station even if the FMS fails. In addition, the communication between FTS-Ground/FTS-Air are codified to avoid the FTS-Air activation due to electromagnetic interferences.

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UAS Subsystems

Flight Termination System (FTS)

Key features

- Air equipment and ground console
- Independent from the rest of the systems
- Autopilot status monitoring and report
- STM32 microcontroller
- Battery backup in FTS-Air and FTS-Ground
- Visible RSSI status with leds

Communications

- Independent DataLink
- RS232/TTL selectable communication interface
- Codified communications between FTS-Air/FTS Ground

Flight Termination capabilities

- Two selection modes:
 - Parachute Deployment
 - Aerodynamic Termination
- Flight termination feedback report

➔ For more information contact us:
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