

From: Zane Lo

To: Gulmira Mustapaeva

Date: July 01, 2026

Subject: Request for Info - File # 1101-EX-ST-2026

Message:

COMPANY INFORMATION Hermeus Corporation: 3960 Dekalb Technology Pkwy, Atlanta, GA 30340
Contact name: Zane Lo, PhD/ Tech Director, Antenna Engineering Email address:
zane.lo@hermeus.com FCC STA File Number: 1101-EX-ST-2026 Purpose: Description of Experiment
Details for STA File 1101-EX-ST-2026 Hermeus will be testing the full-scope functionality of its
Supersonic prototype aircraft platforms for the hypersonic aircraft development program, in flight,
including all associated RF systems. The aircraft flight profile will not exceed 70,000 ft MSL. Aircraft Flight
Path is planning to be over PMSR (Pt Mugu Sea Range) within a 215nmi x 140nmi rectangular zone
center at [33,470356, -120.35123] with long-side along 130-deg Southwest heading. The purpose of the
Experiment is to validate and verify that all aircraft segments meeting multiple onboard systems design
goals as well as in compliance with regulatory requirements. The FCC Spectrum applications are for all
Command/Control and Telemetry RF Links between GCS (Ground Control System) and
Aircraft-under-Test. RF Equipment itself is NOT the objective of Research Project but an essential
support Test Equipment. Hermeus Stop Buzzers contact info is listed below Stop Buzzer: Daniel Perez
(937-955-9422) daniel.perez@hermeus.com Alt Stop Buzzer: Jay Wagemann (678-209-5091)
john.wagemann@hermeus.com Thanks, ----- Zane Lo, PhD Technical Director of
Antenna Engineering