

Basic Package deliverable example • Redacted for public distribution • Page 1 of 2

Mission Overview

Client: [REDACTED]

Mission class: Small-satellite technology demonstrator, LEO

Study scope: Concept Feasibility Review (Basic Package)

Prepared by: AeroVectrix Engineering

Top-Level Mass & Delta-V Estimate

Estimated wet mass: 148 kg (class estimate, -15%)

Target orbit: 550 km sun-synchronous

Delta-v budget: ~120 m/s (orbit maintenance + disposal)

Propulsion Option Shortlist

1. Cold-gas thruster cluster • lowest complexity and cost
2. Monopropellant blowdown system • higher delta-v margin
3. Electric propulsion (Hall-effect) • highest efficiency, longer lead time

Key Risk Flags

- Propulsion lead-time risk if electric option is selected
(12-16 week long-lead procurement)
- Mass-margin risk pending finalized payload CAD
- [REDACTED]

What the full package delivers

The Basic Package delivers this brief scoped to your mission, plus a top-level mass & delta-v estimate, propulsion option shortlist, and key risk flags - in 5 business days from confirmed scope. Fixed price, agreed in writing before work starts.

This is a redacted, illustrative sample for public review only.
Actual deliverables are scoped to your mission during the intake call.
' AeroVectrix • aerovectrix.com • sales@aerovectrix.com