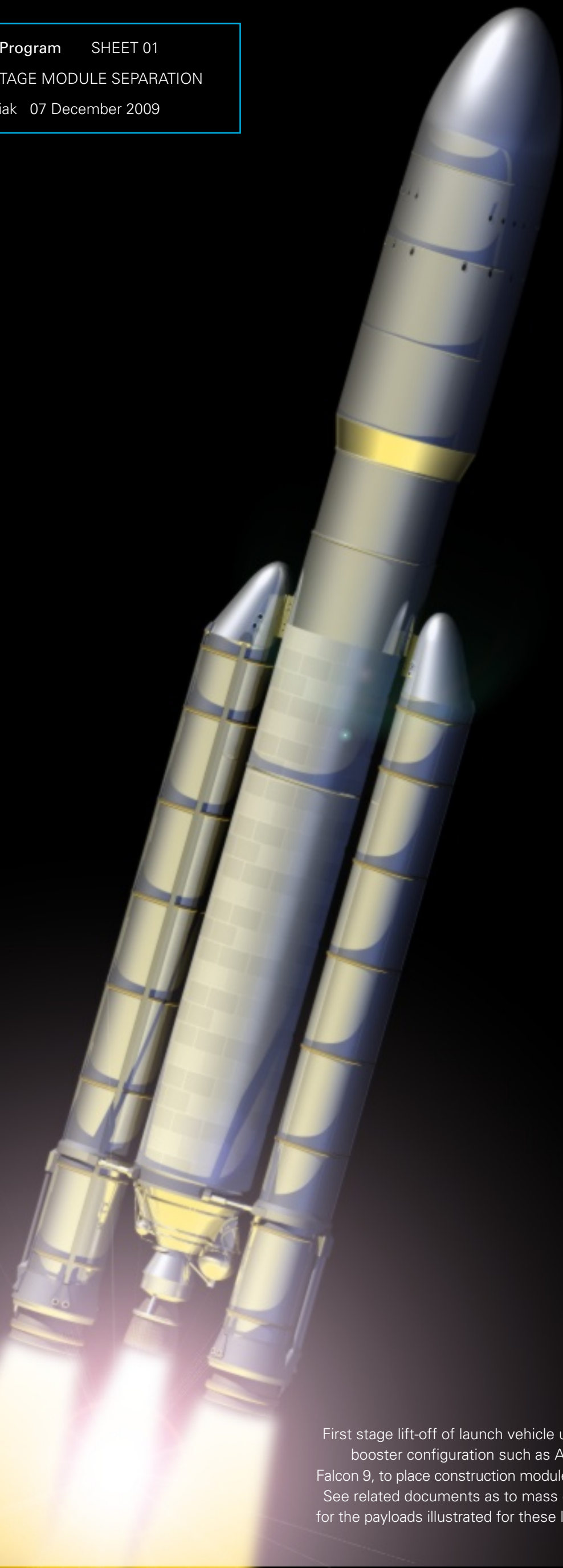
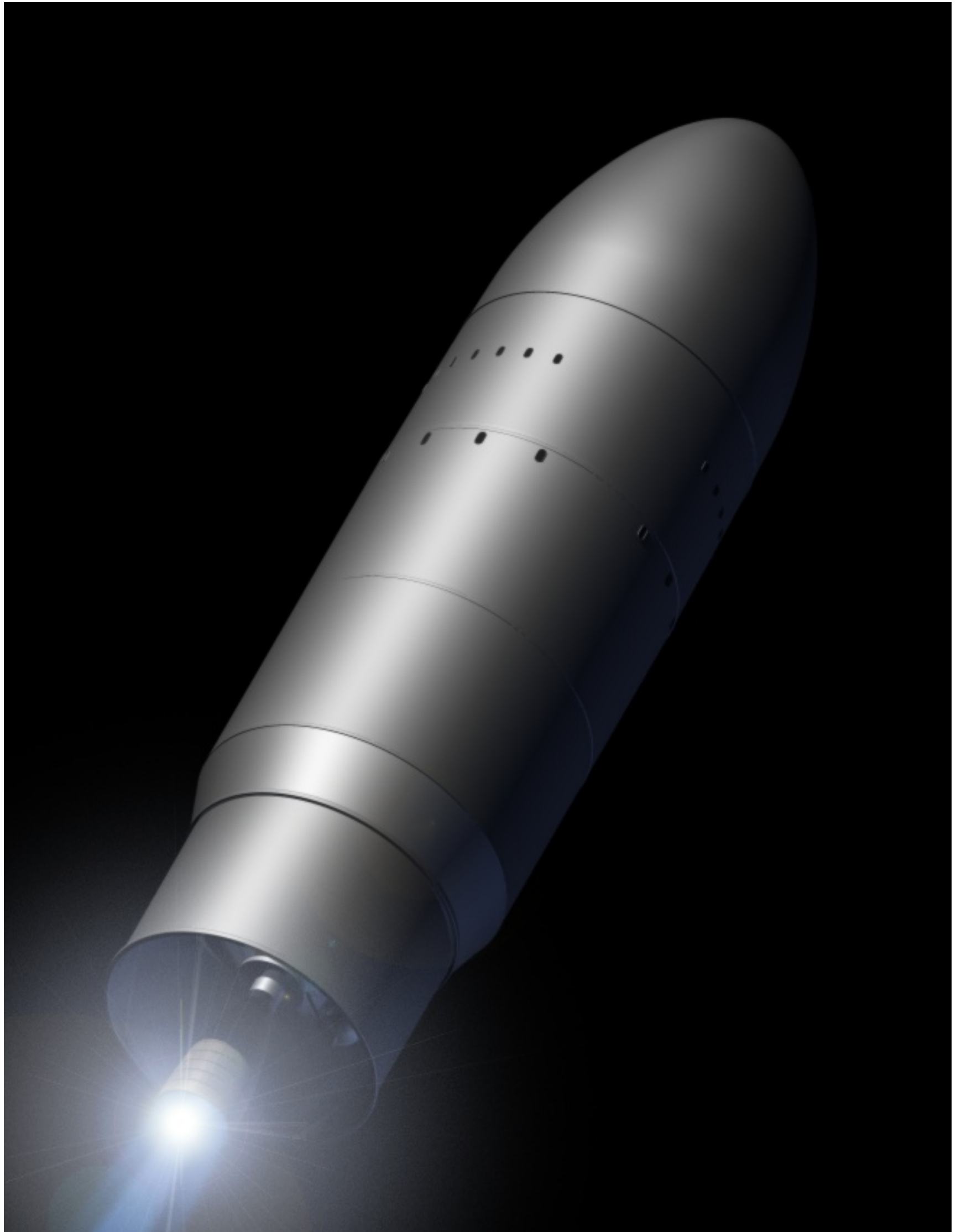


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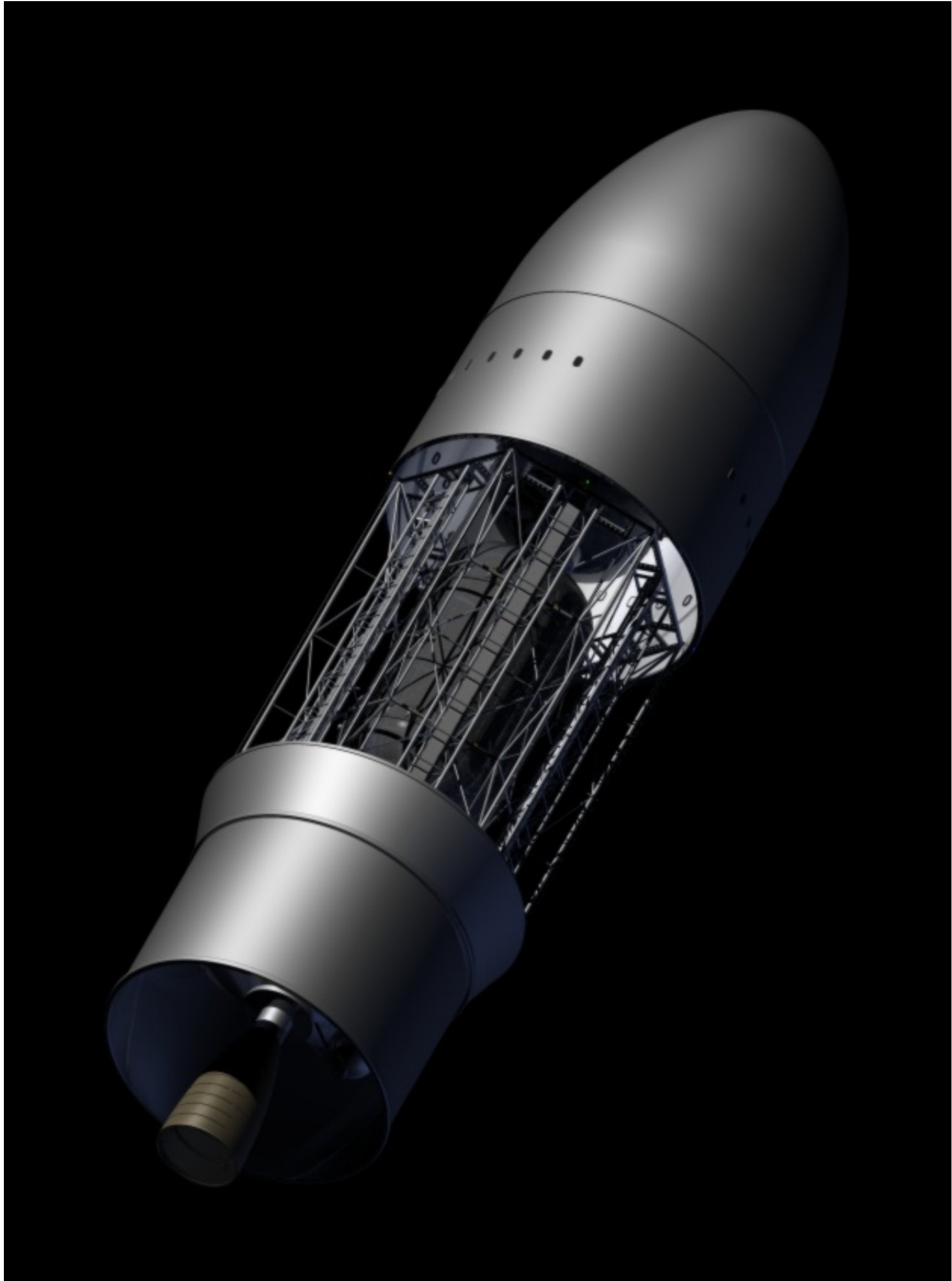


First stage lift-off of launch vehicle using twin booster configuration such as Ariane V or Falcon 9, to place construction modules in LEO. See related documents as to mass estimates for the payloads illustrated for these launchers.



Second stage separation and continuation to LEO,  
while discarding casings when clear of atmosphere.

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Casings discarded, followed by nose shroud.

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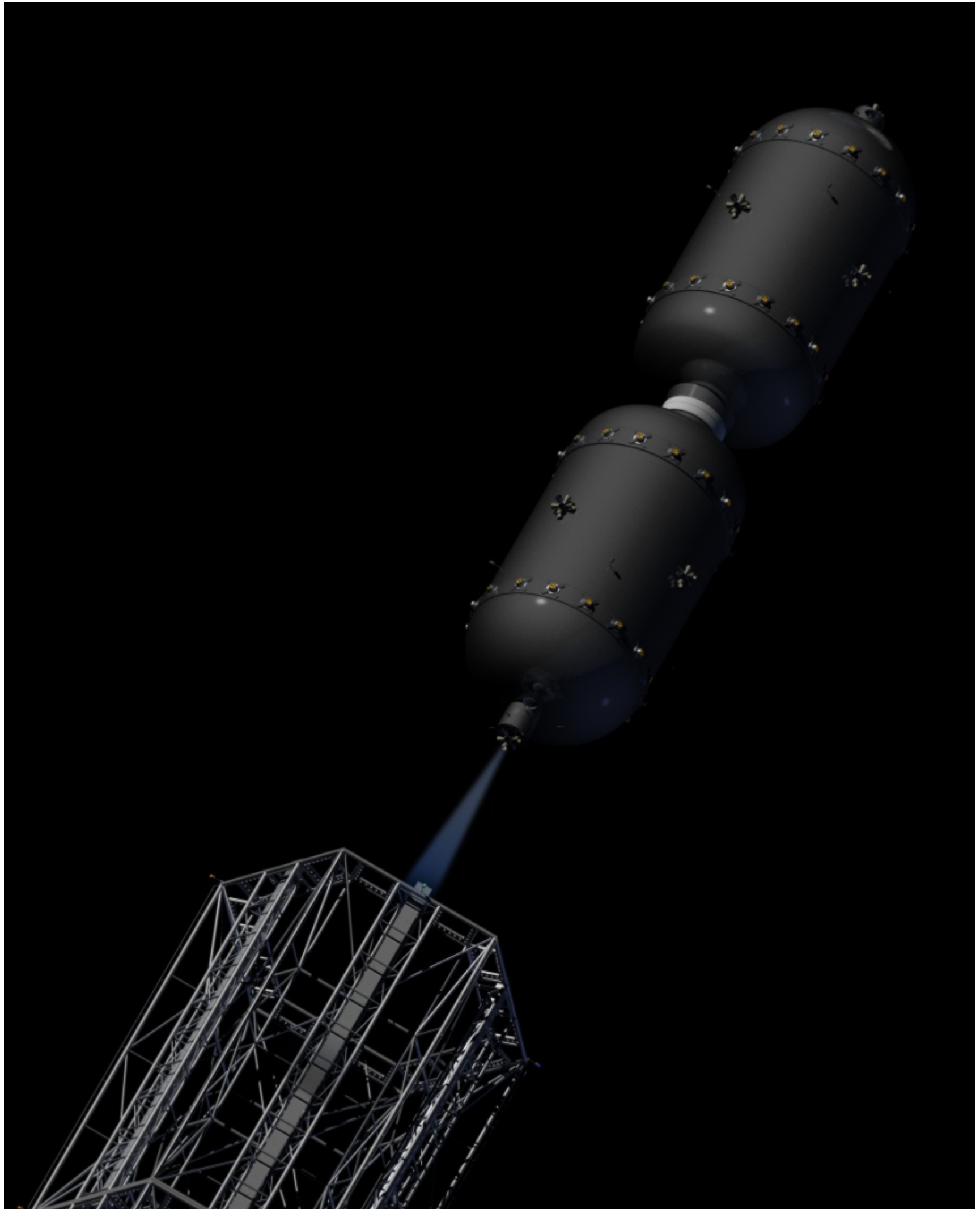
Thruster on second hopper used to dismount from second-stage engine assembly.

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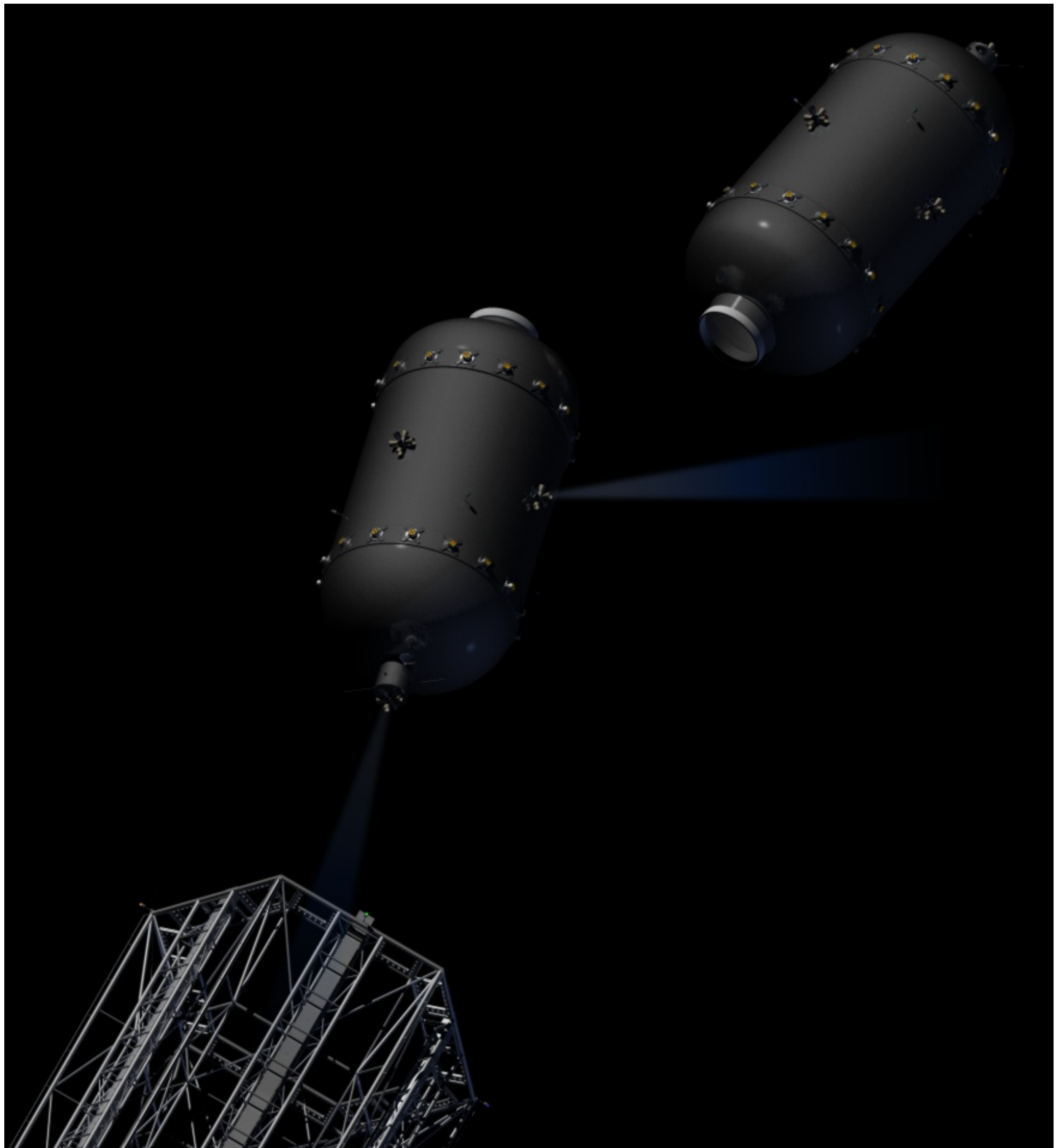
Hopper thruster used to move construction assembly forward and to dock with existing infrastructure.

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Hopper detaches from construction using its own fore thruster leaving hex module attached to infrastructure.

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Hoppers separate from each other preparatory to docking to rack frames.

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