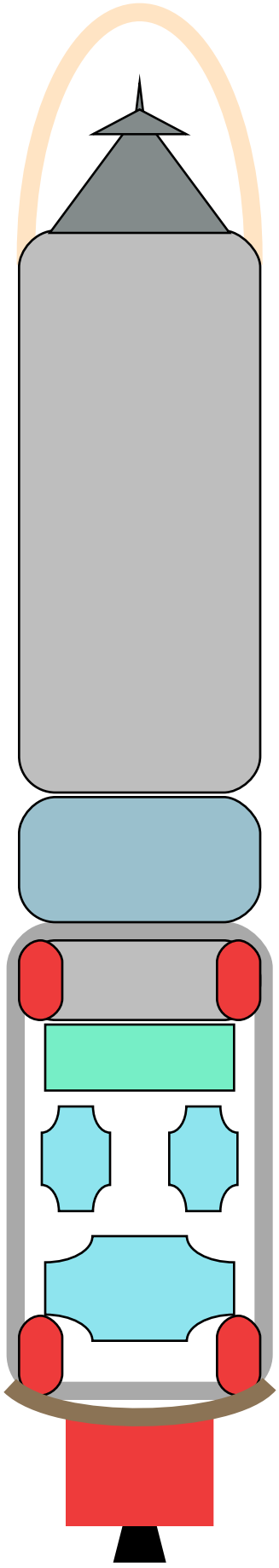
STS 2.5 = RASTRS

Reuseable Automated Space Transport and Return System



An upperstage to be launched upon combination of STS based ET, SSMEs and SRBs.

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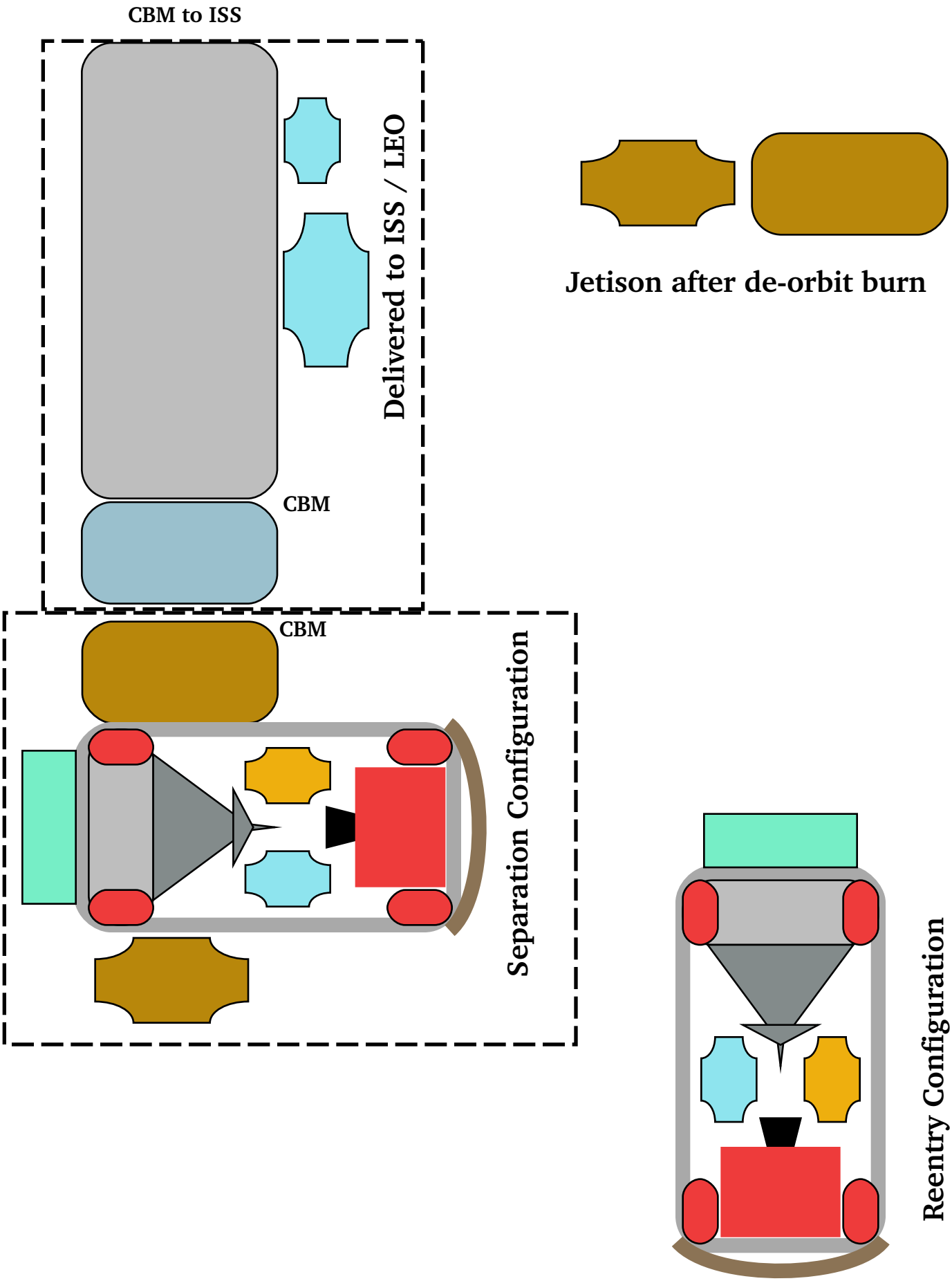
Aerodynamic
Nose Farring
Hybred rendevous
system, docking
probe & PMA
CBM
Super-Size Labratory
CBM
Single mission
presurised
logistics module
CBM
CBM
Reuseable Automated
Transport Module w/
unpressurized pallets
Launch Configuration
RATM Components
Orbital
Manuvering
System Pods
(8 total)
Landing and
Revovery
Module
GNC & Small
Pressurized
Cargo Module
Unpressurized
Cargo Bay
SpaceLab
Pallets
Heat
Shield
Third Stage
Booster and
ISS Rebooster


CBM to ISS
Delivered to ISS / LEO
CBM
CBM
Separation Configuration
Jetison after de-orbit burn
Reentry Configuration