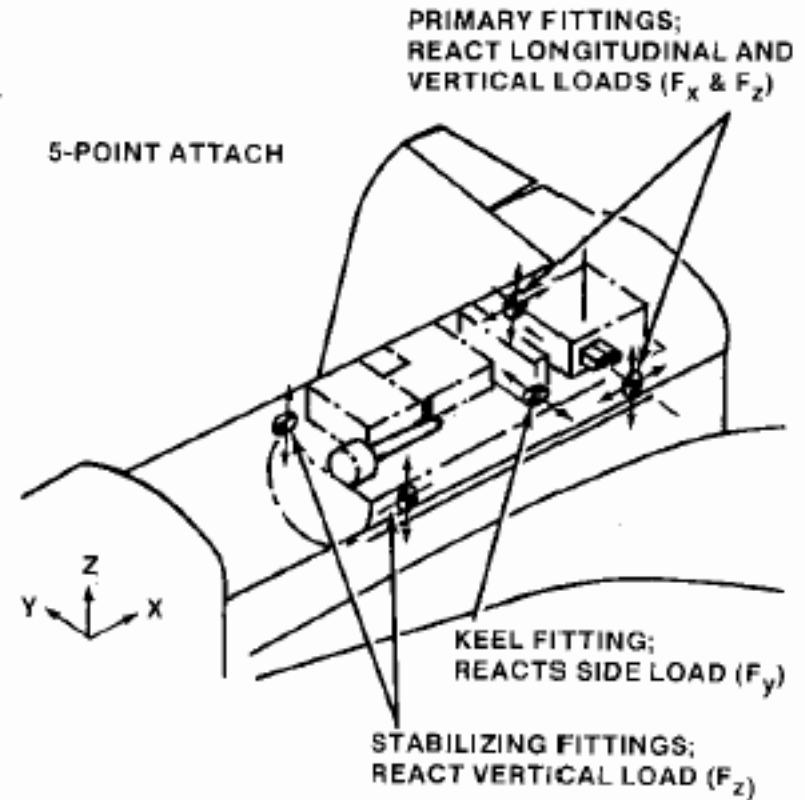
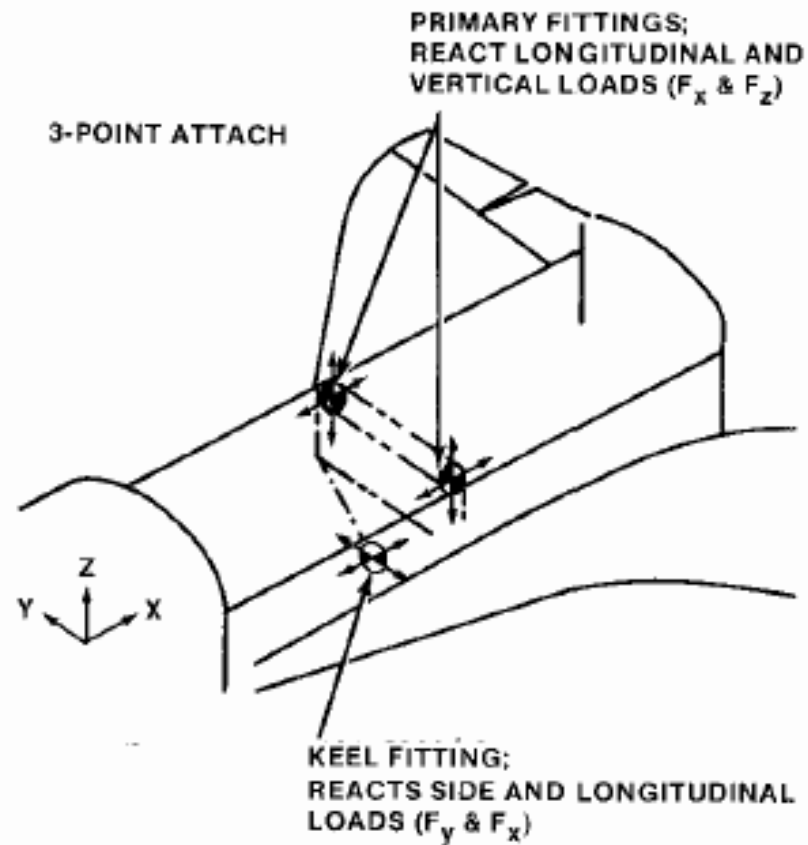


Structural Design Practices

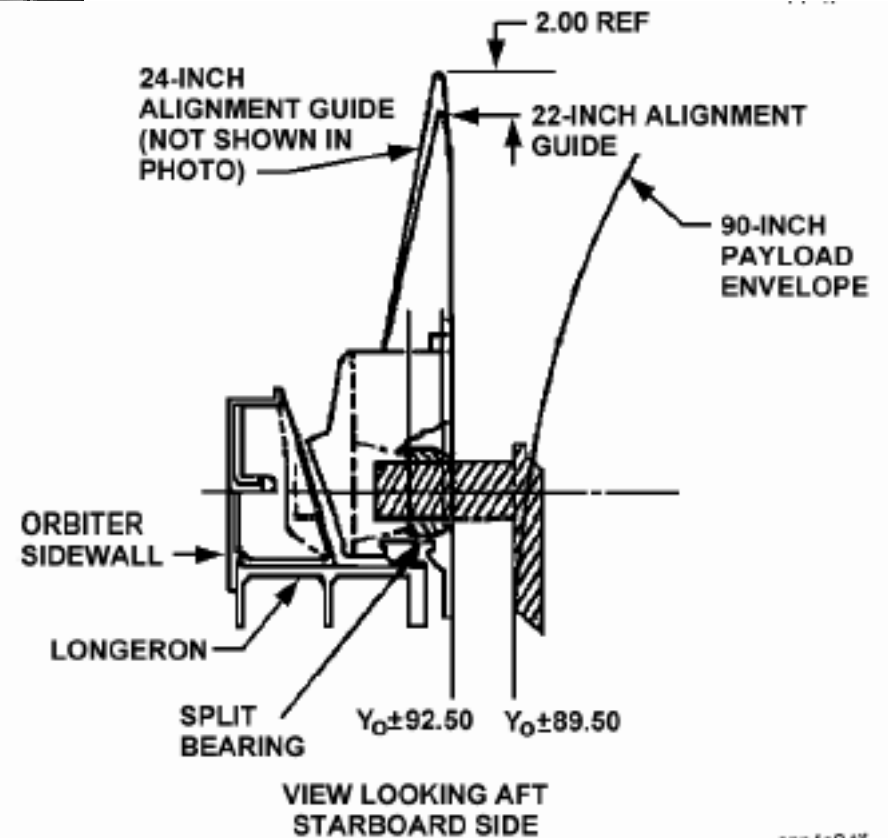
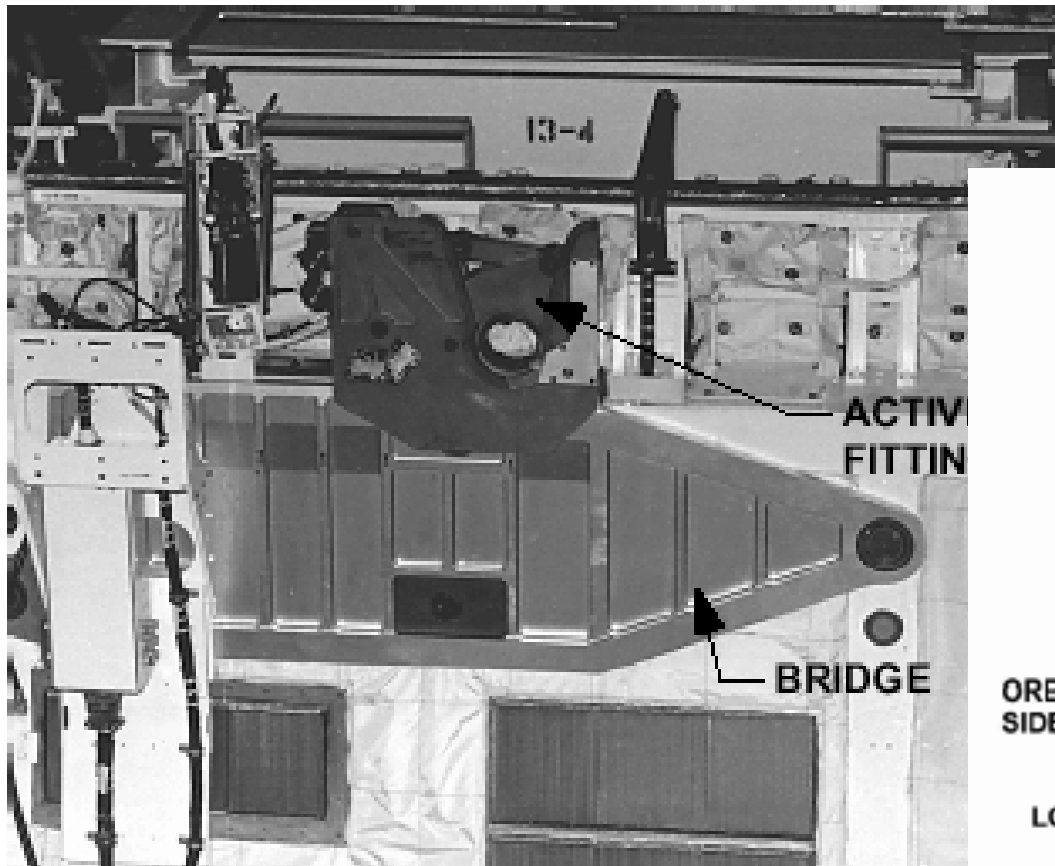
- Payload interfaces to launch vehicles
- Examples of structural design approaches from past space vehicle structural designs



Shuttle Payload Restraint Configurations



Orbiter Active Latches



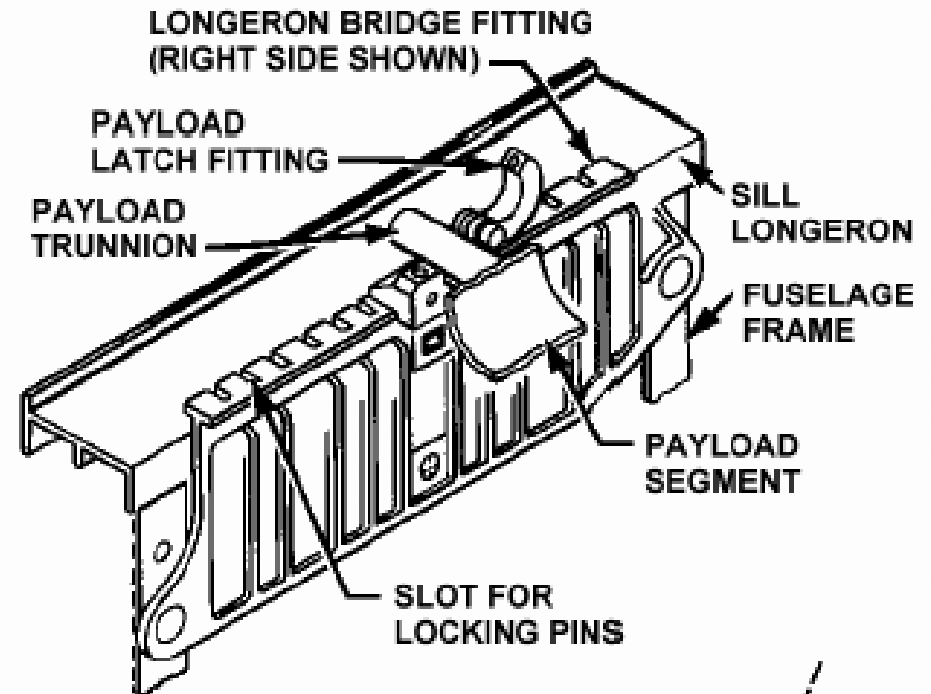
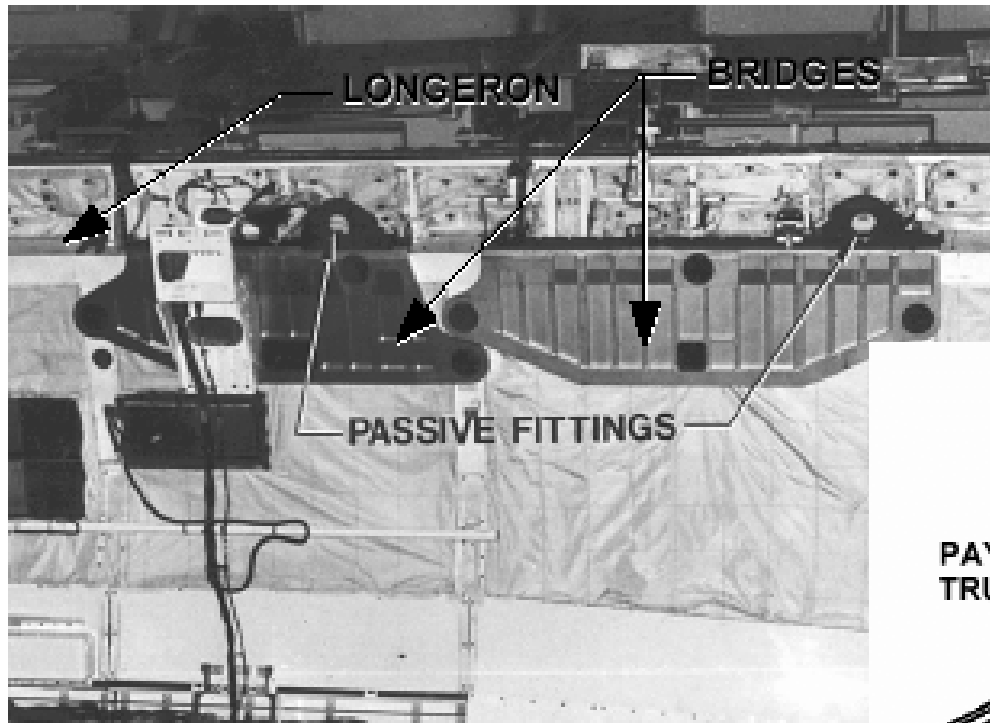
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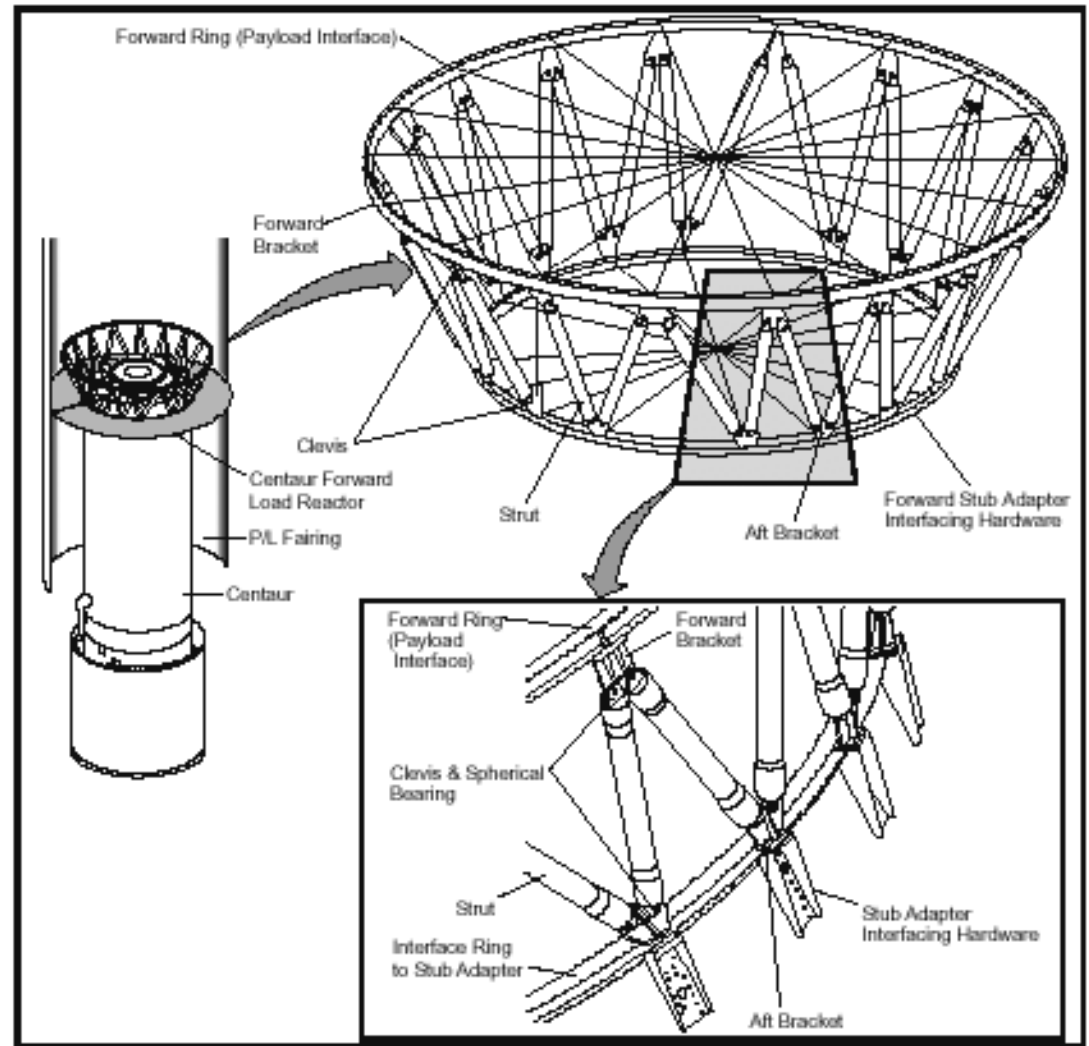
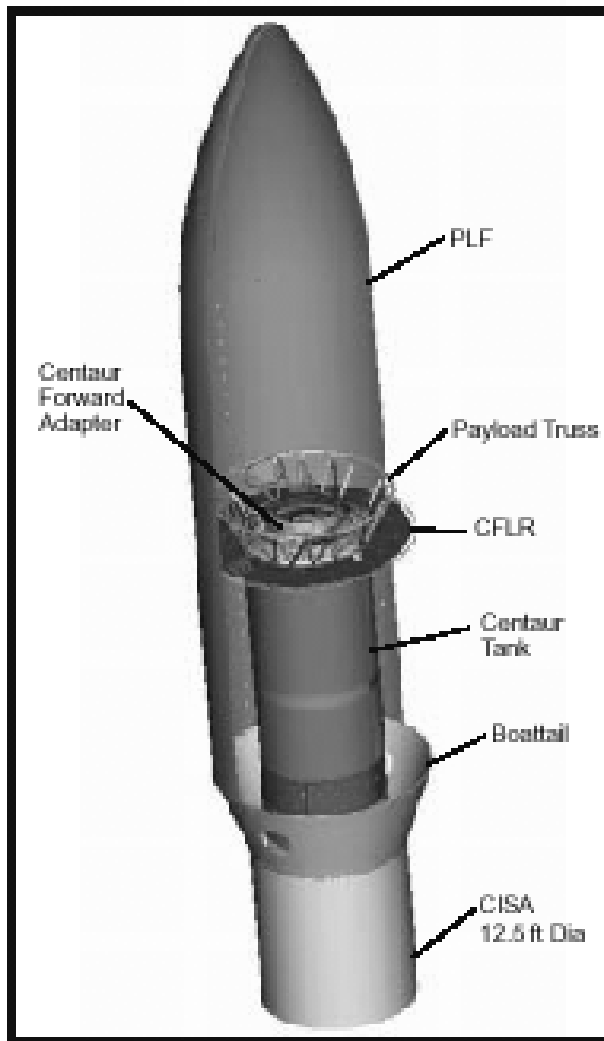
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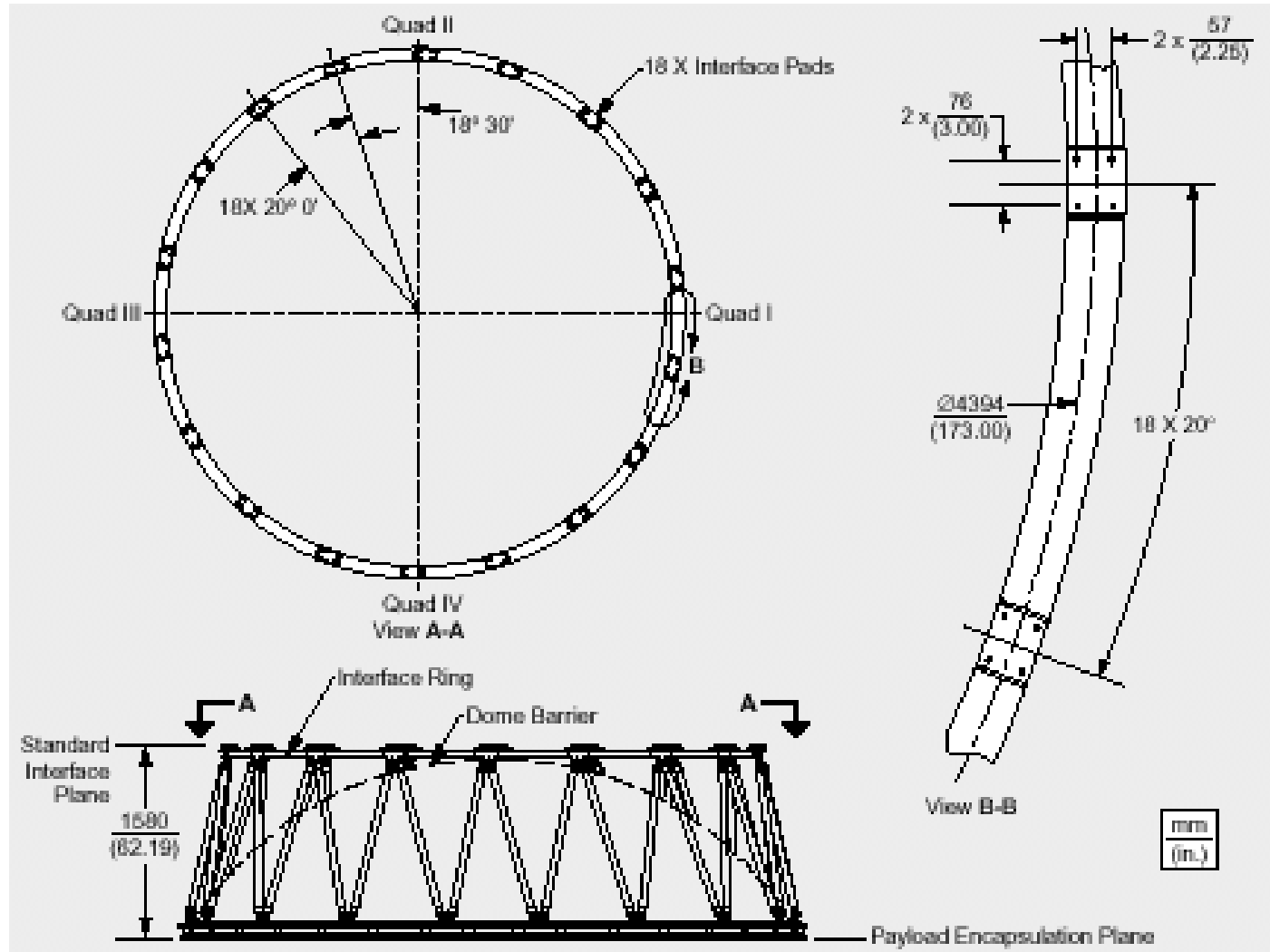
Orbiter Passive Latches



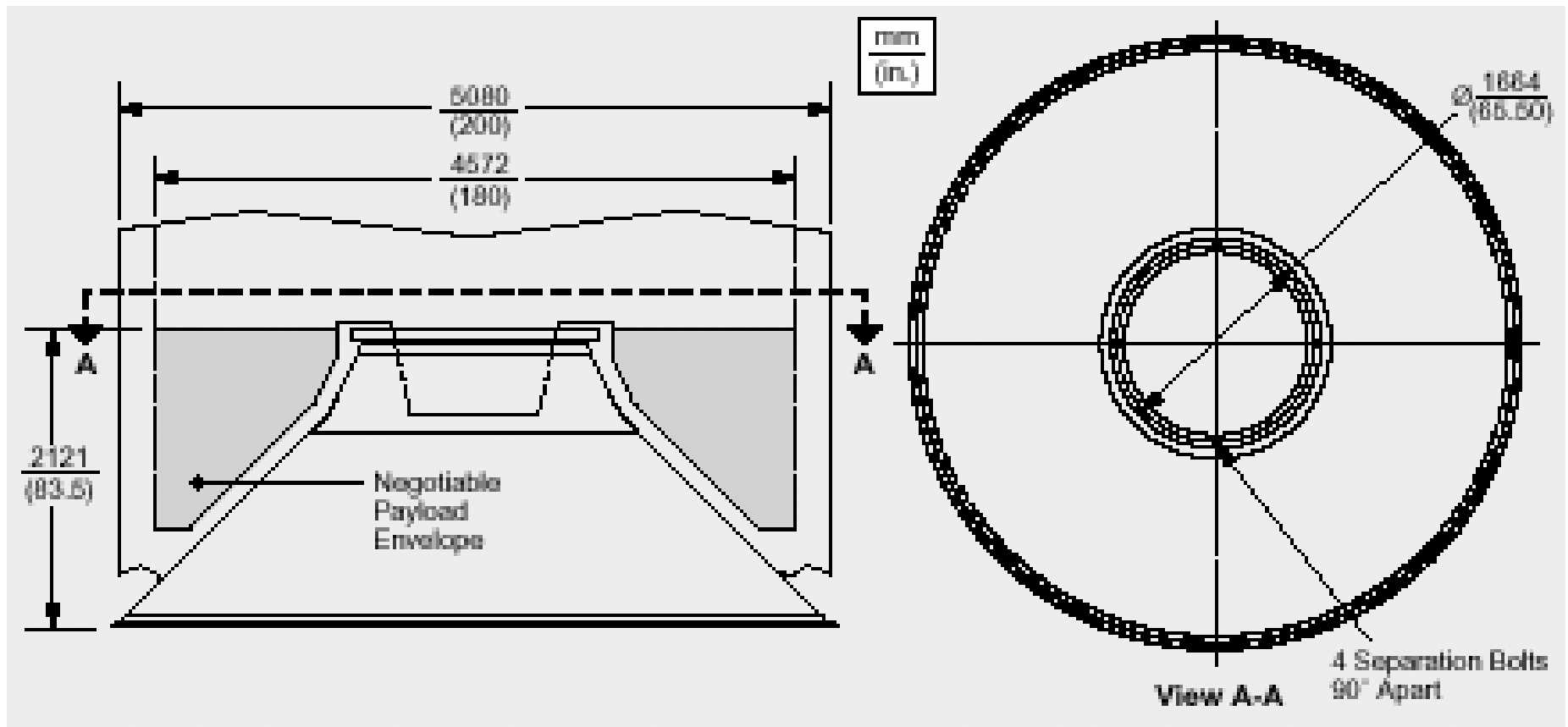
Atlas V Payload Fairing Configuration



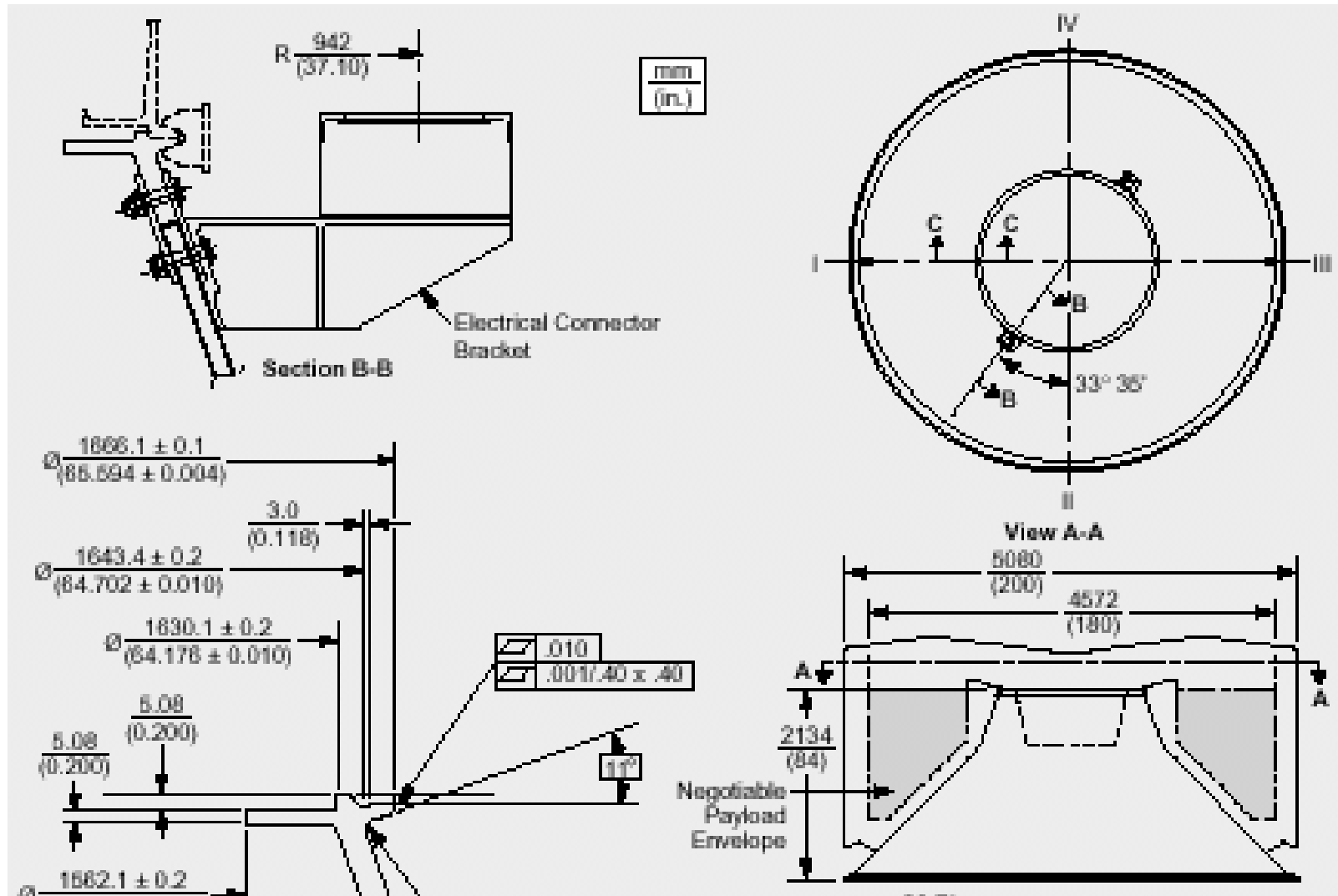
Delta IV Bolted Payload Attach Fitting



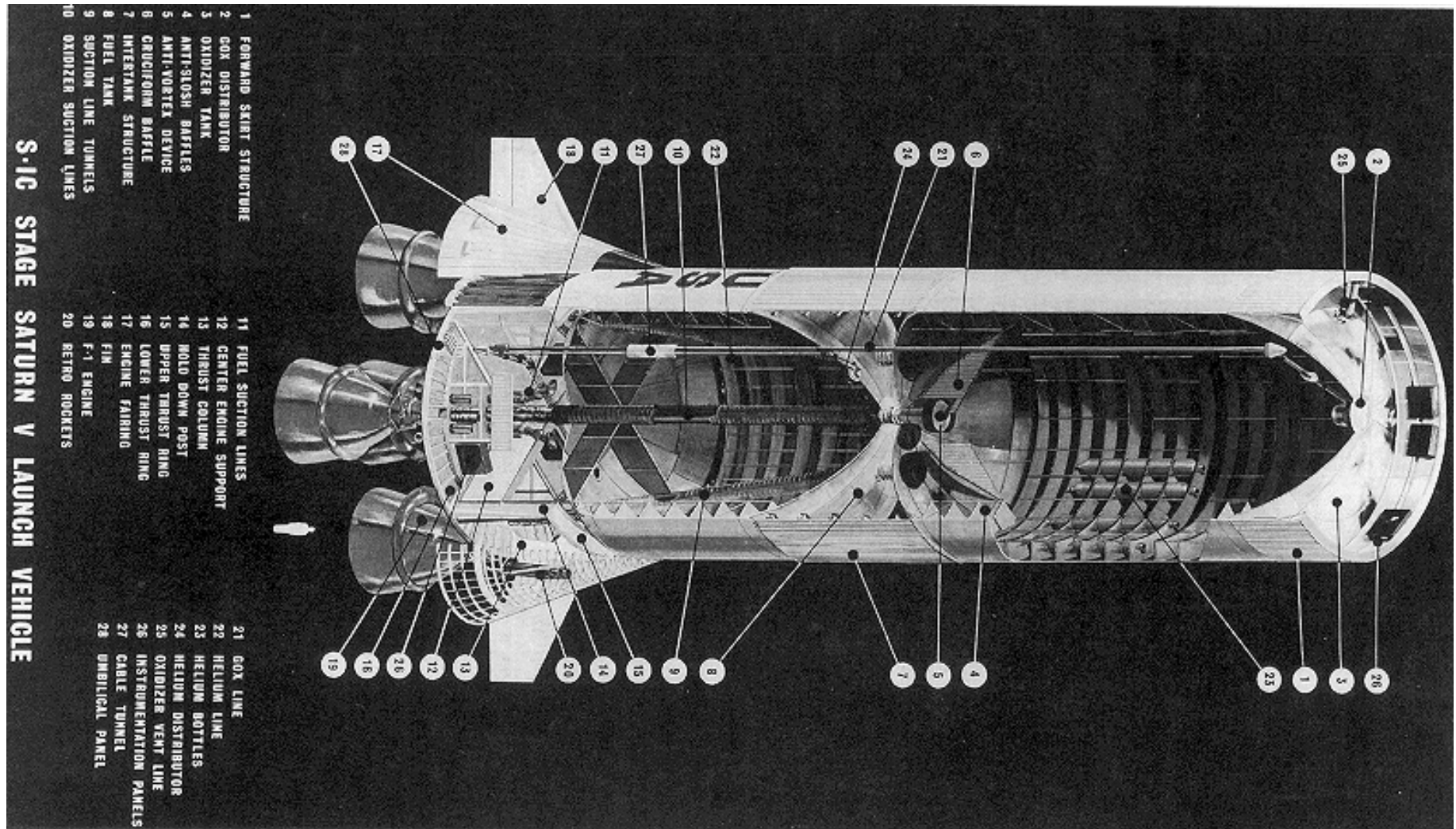
Delta IV Pyro Payload Attach Fitting



Delta IV Marmon Band PAF



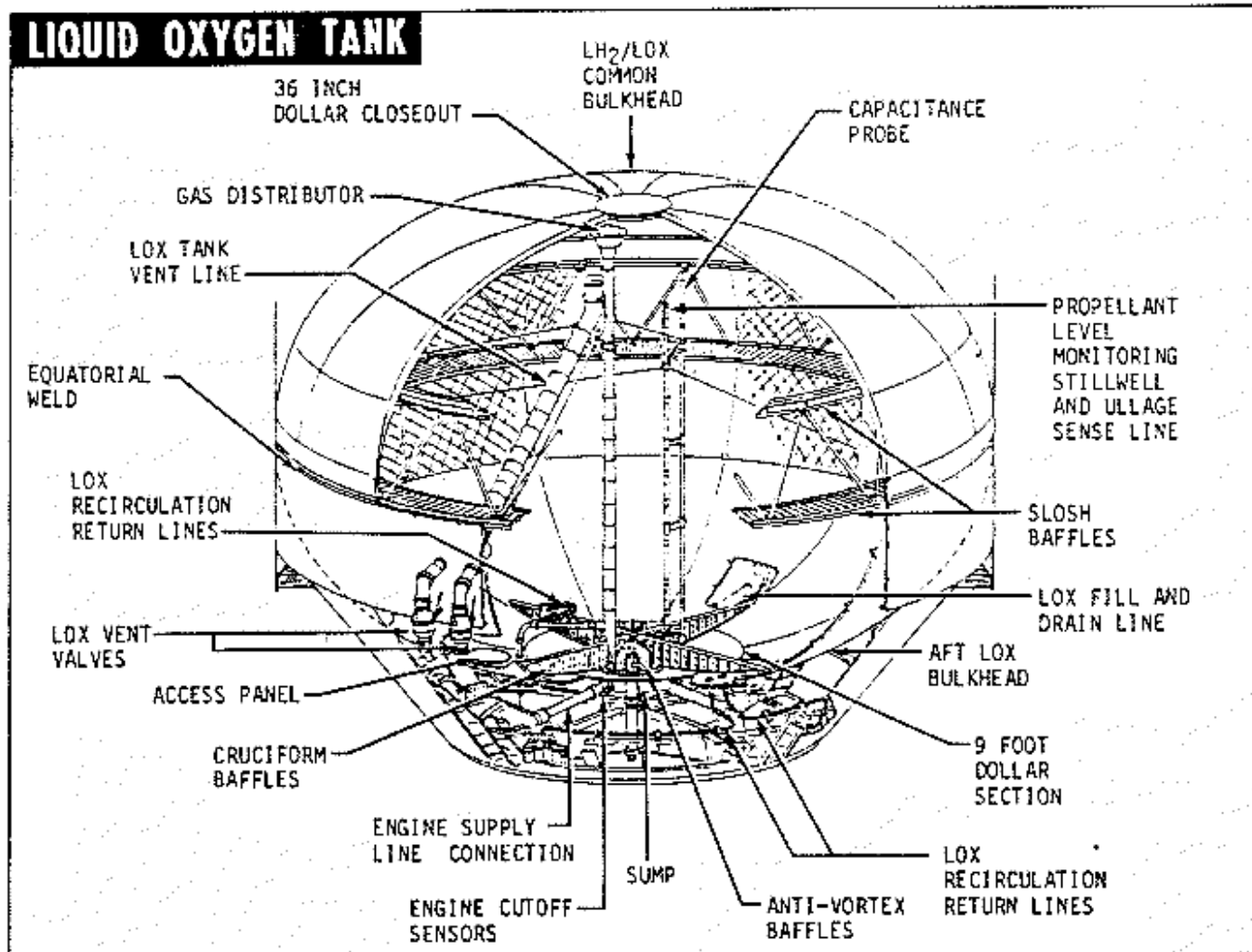
Saturn V First Stage (S-IC) Cutaway



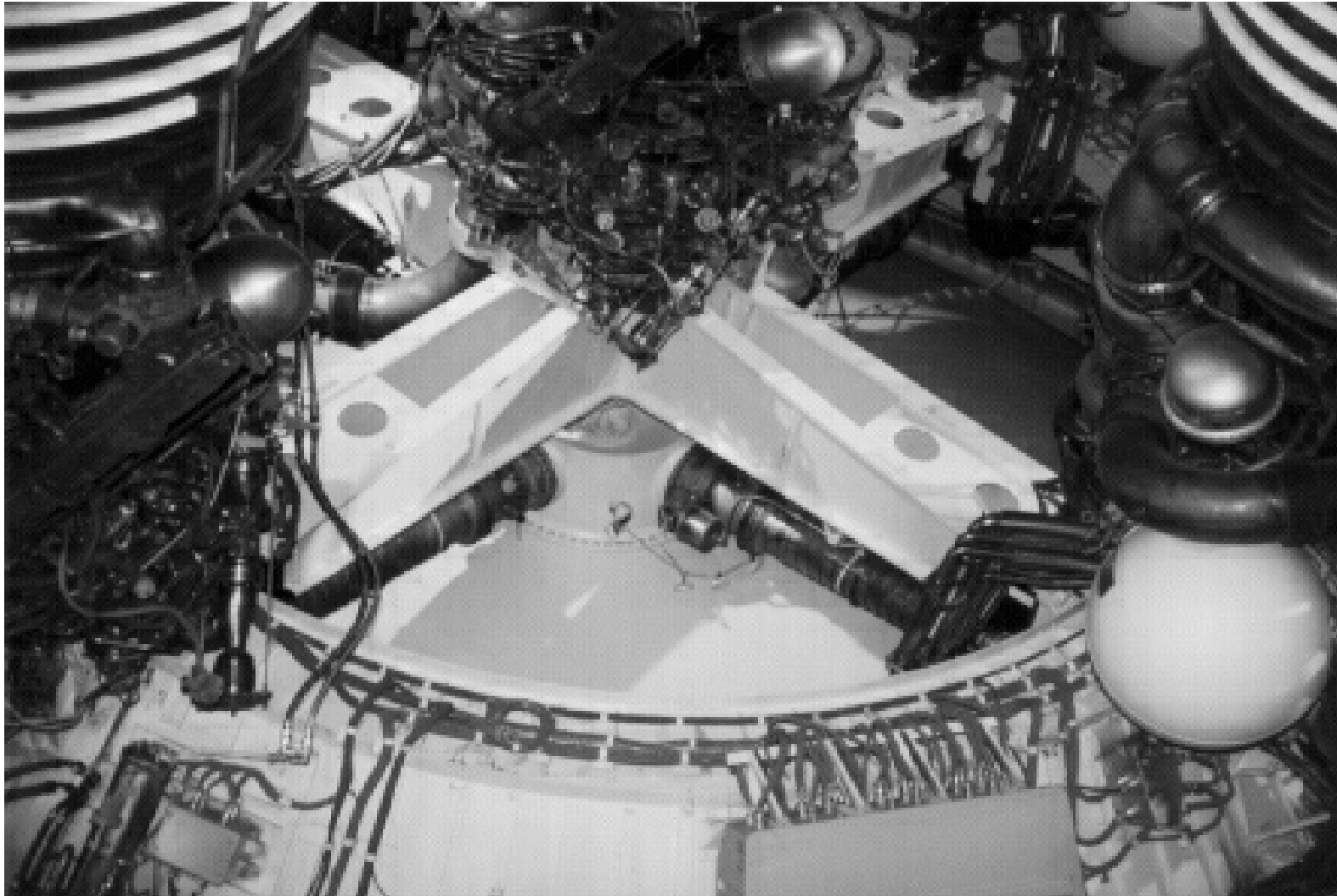
Saturn V S-IC Intertank Fairing



Saturn V S-II LOX Tank Cutaway



Saturn V S-II Thrust Structure Detail



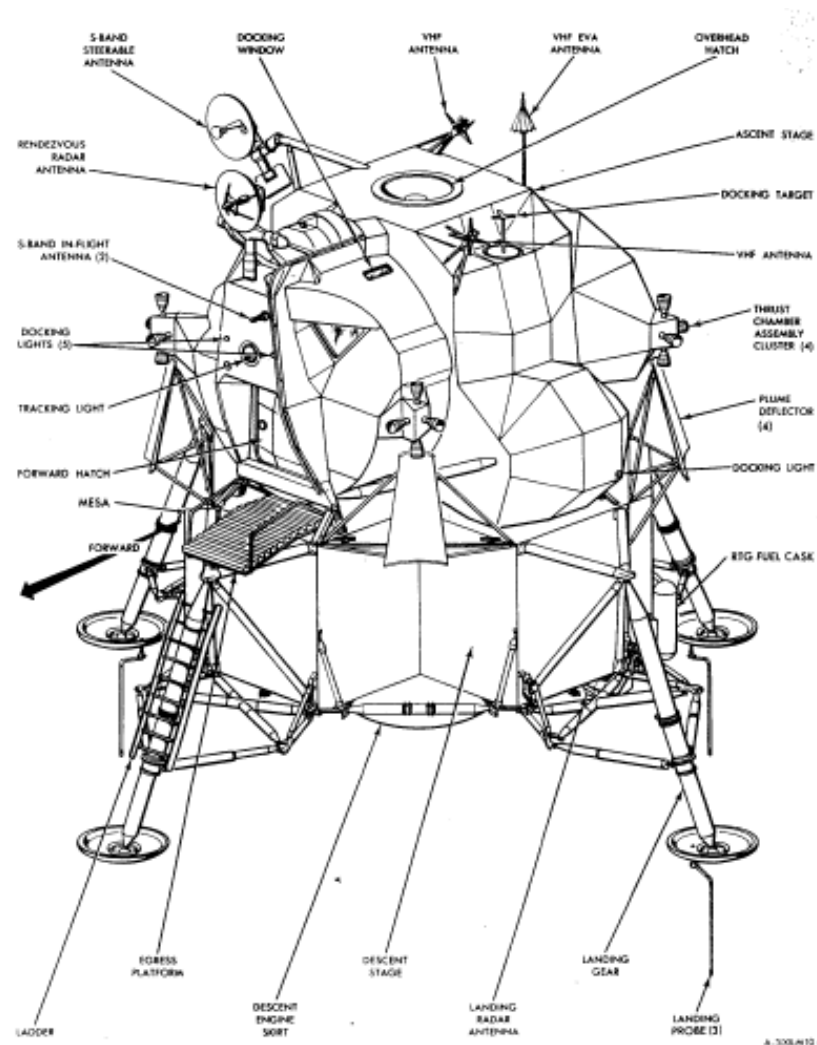
Saturn V S-IVB/J-2 Thrust Structure



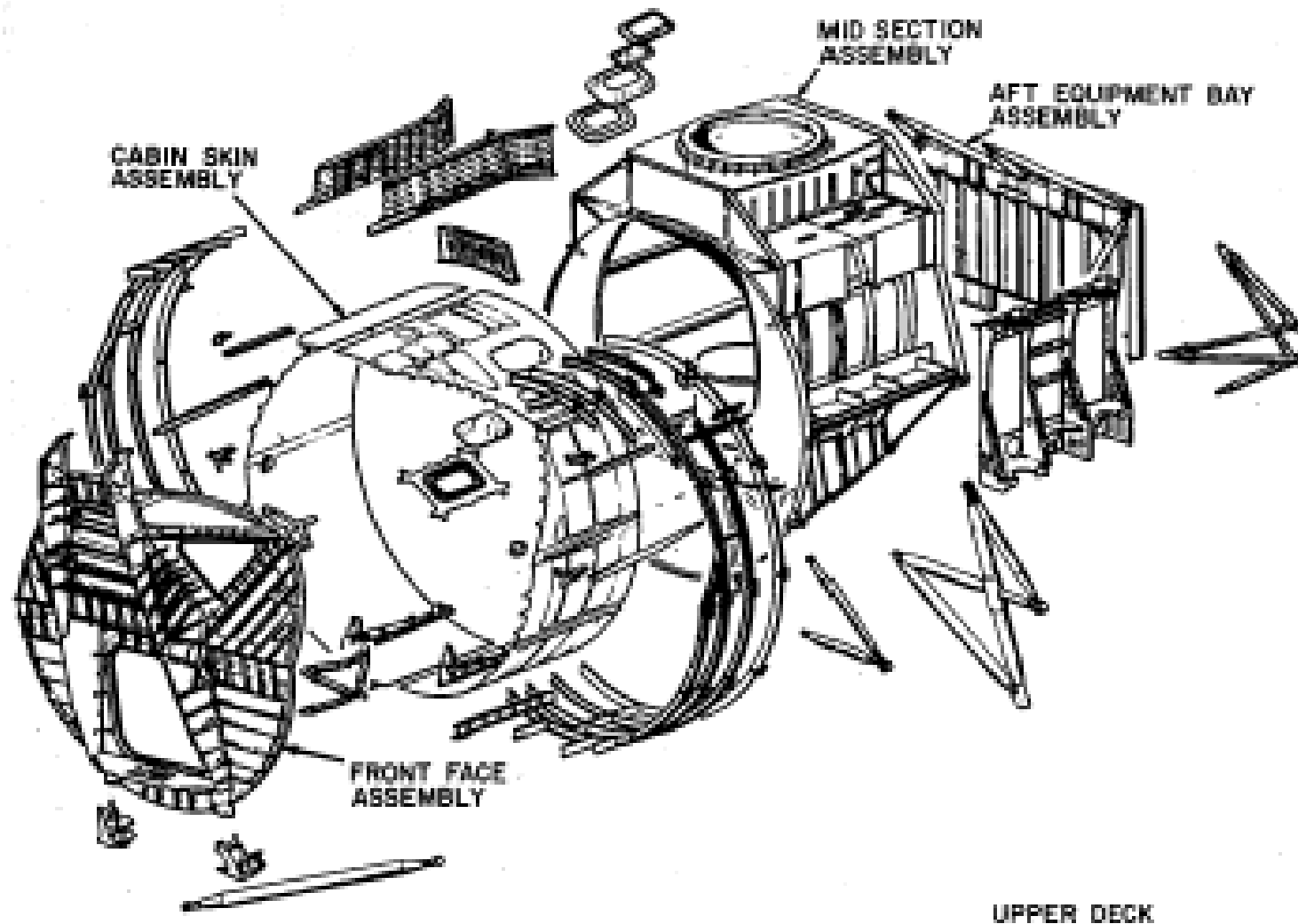
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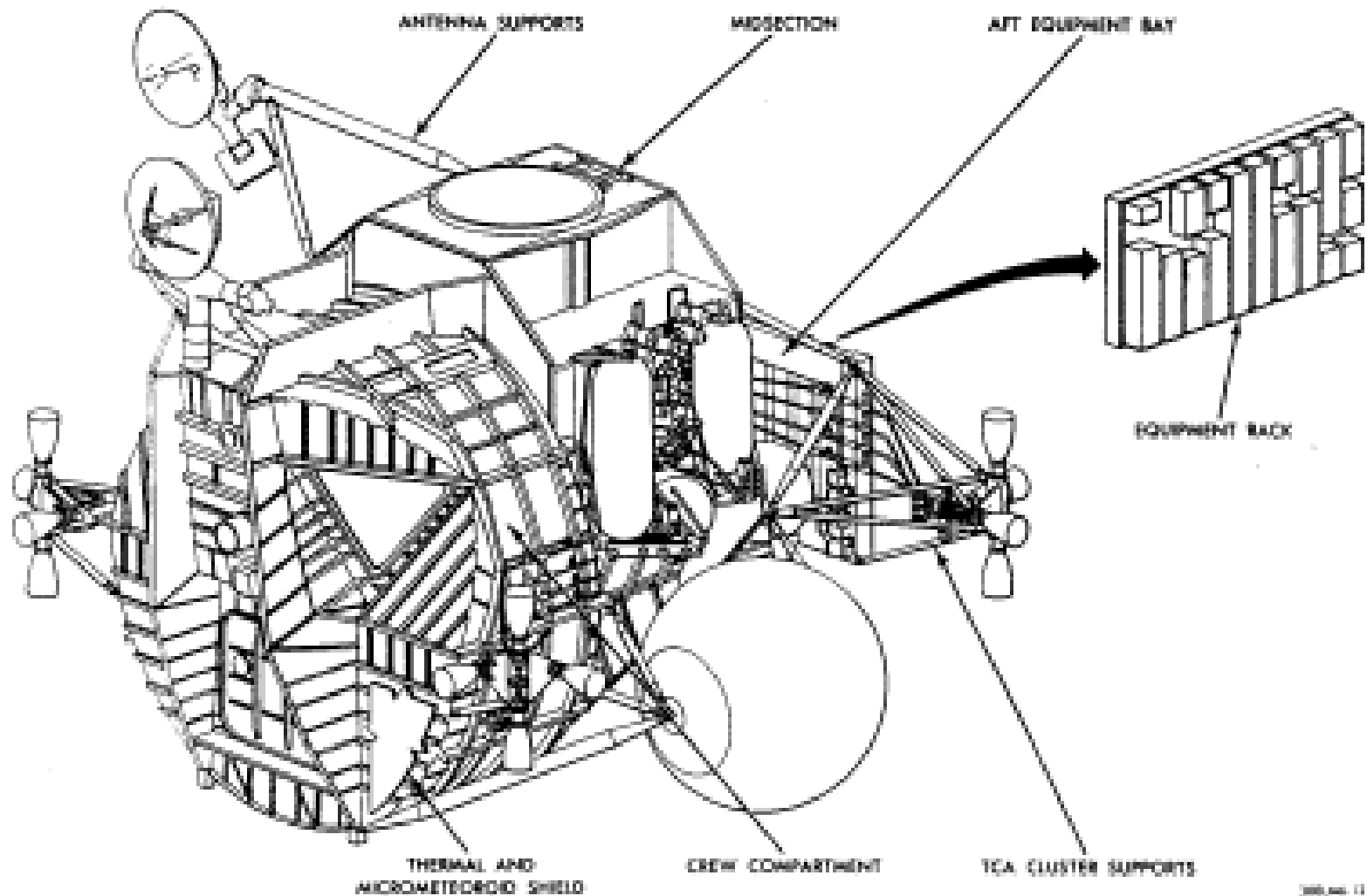
Lunar Module Overall Configuration



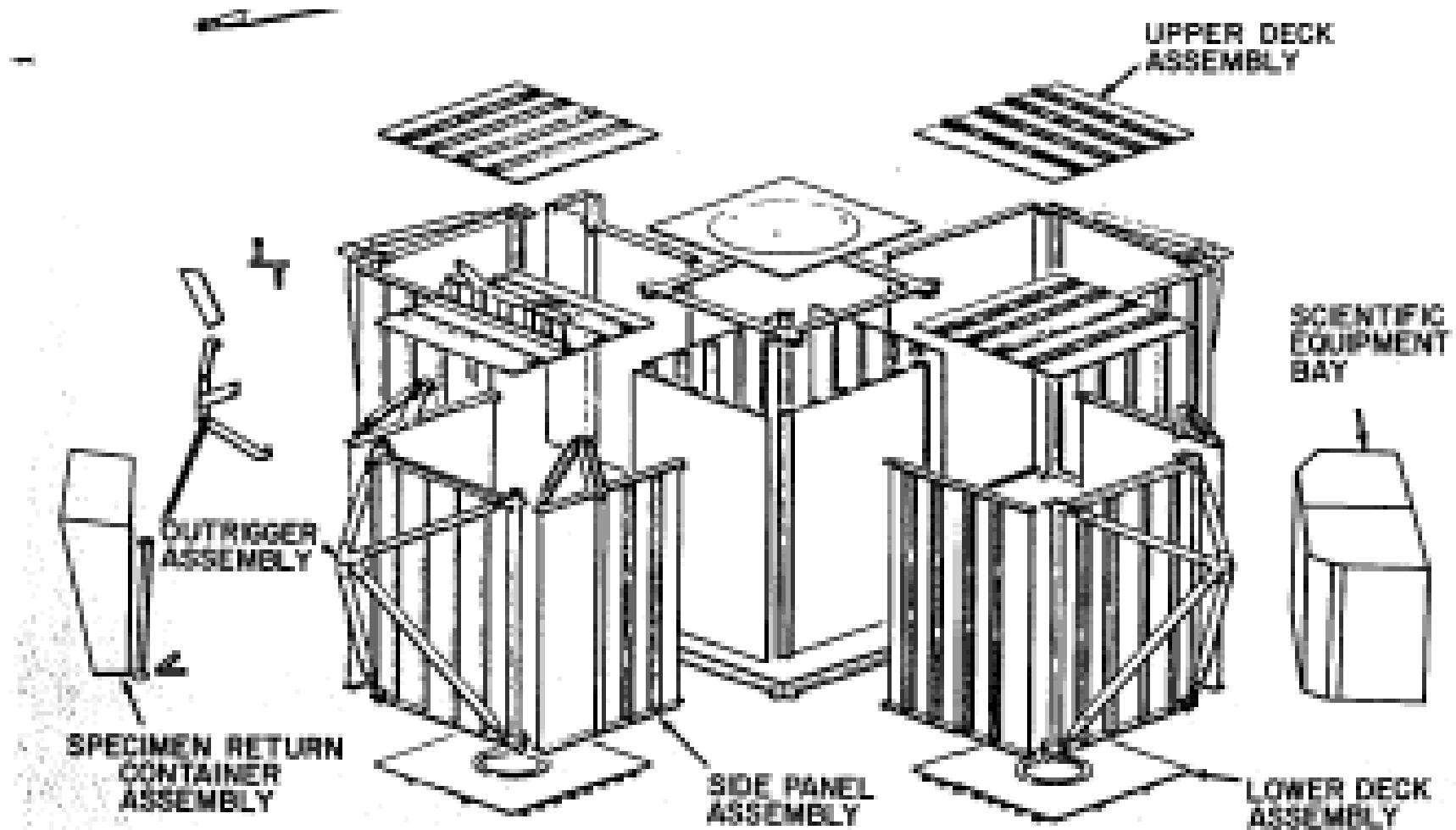
Lunar Module Ascent Stage Structure



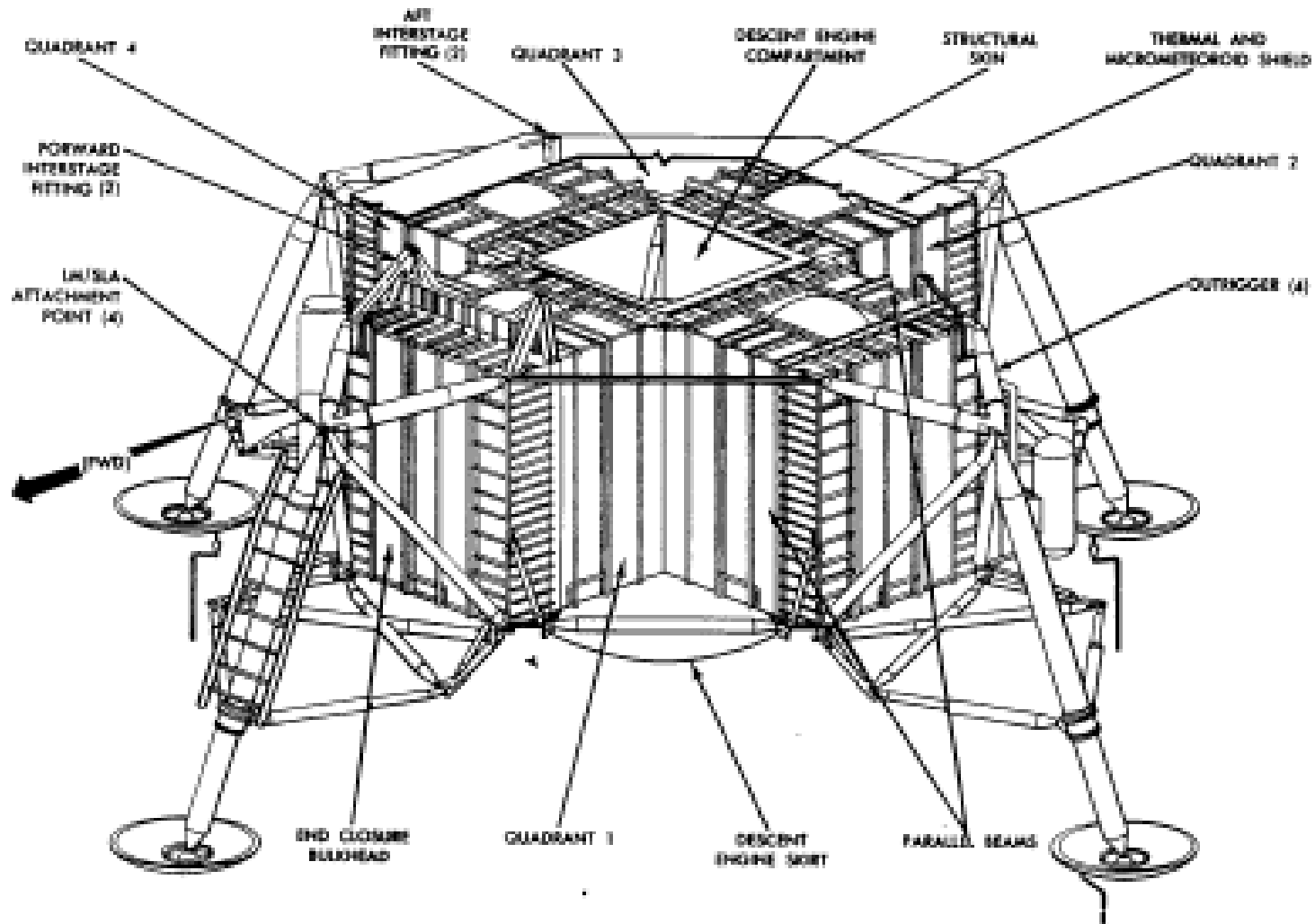
Lunar Module Ascent Stage Structure



Lunar Module Descent Stage Structure



Lunar Module Descent Stage Structures



300M10-3



Gemini Spacecraft Equipment Arrangement

GEMINI EQUIPMENT ARRANGEMENT

