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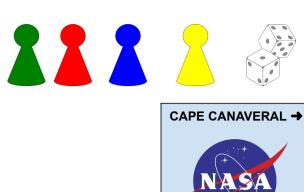
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## Crew Module

Minor dev 1: Environmental control and life support system. Minor dev 2: Heat Shield. Minor dev 3: Parachutes for landing phase. Major Dev: Assemble all minor devs

## **Service Module**

**ORION SPACECRAFT** 

Minor dev 1: Solar array wings. Minor dev 2: Fairing Panels. Minor dev 3: Spacecraft adapter jettison fairings. Maior dev: Assemble all minor devs

## Launch Abort System

Minor dev 1: Jettison motor Minor dev 2: Altitude Control motor Minor dev 3: Abort motor Major Dev: Assemble all minor devs

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#### Launch

Minor Dev 1: Landing Runway Minor Dev 2: Landing pads Minor Dev 3: Launch Pad 39B Major Dev:Launch Control Center Simulations

## **Ground Equipment**

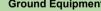
Minor Dev 2: Vehicle Assembly Building Minor Dev 3: Crawler-Transporter Major Dev:Launch Control Center's Young-Crippen Firing

## Blast off! xEMU - Exploration Extravehicular Activity Mobility

Minor Dev 1: xEMU Space Torso Minor Dev 2: xEMU Space Pants Minor Dev 3: xEMU Injury and raining

Unit

Major Dev xEMU Unit Deployment



Minor Dev 1: Mobile Launcher Room 1

## PLSS - Portable Life Support System

Minor Dev 1: Oxygen Pressure Controls Minor Dev 2: Thermal Loop for Ventilaton

Minor Dev 3: Water Loop for

Major Dev: Avionics Electronics

### Boosters

Minor Dev 1: Solid Rocket Booster Minor Dev 2: Interim Cryogenic Propulsion Stage Minor Dev 3: Exploration Upper Stage Major Dev: Heliocentric Orbit achieveable

## **Core Stage Module**

Minor Dev 1: RS-25 Engine Minor Dev 2: Hydrogen / Oxygen Mixer Minor Dev 3: Quad RS-25

engines Major Dev: Engine Interface Unit

#### **Cargo Hold Module**

Minor Dev 1: 95 ton Capacity Minor Dev 2: 105 ton Capacity Minor Dev 3: 130 ton Capacity Major Dev: Superlarge capacity for Deep Space Modules

#### **TAKE A HOLIDAY**



SPACE LAUNCH SYSTEM