

~~SECRET/DORIAN~~

D ~~SECRET~~ SPECIAL HANDLING

MOL RENDEZVOUS ORBITING VEHICLE EVOLUTION
(BLOCK III)

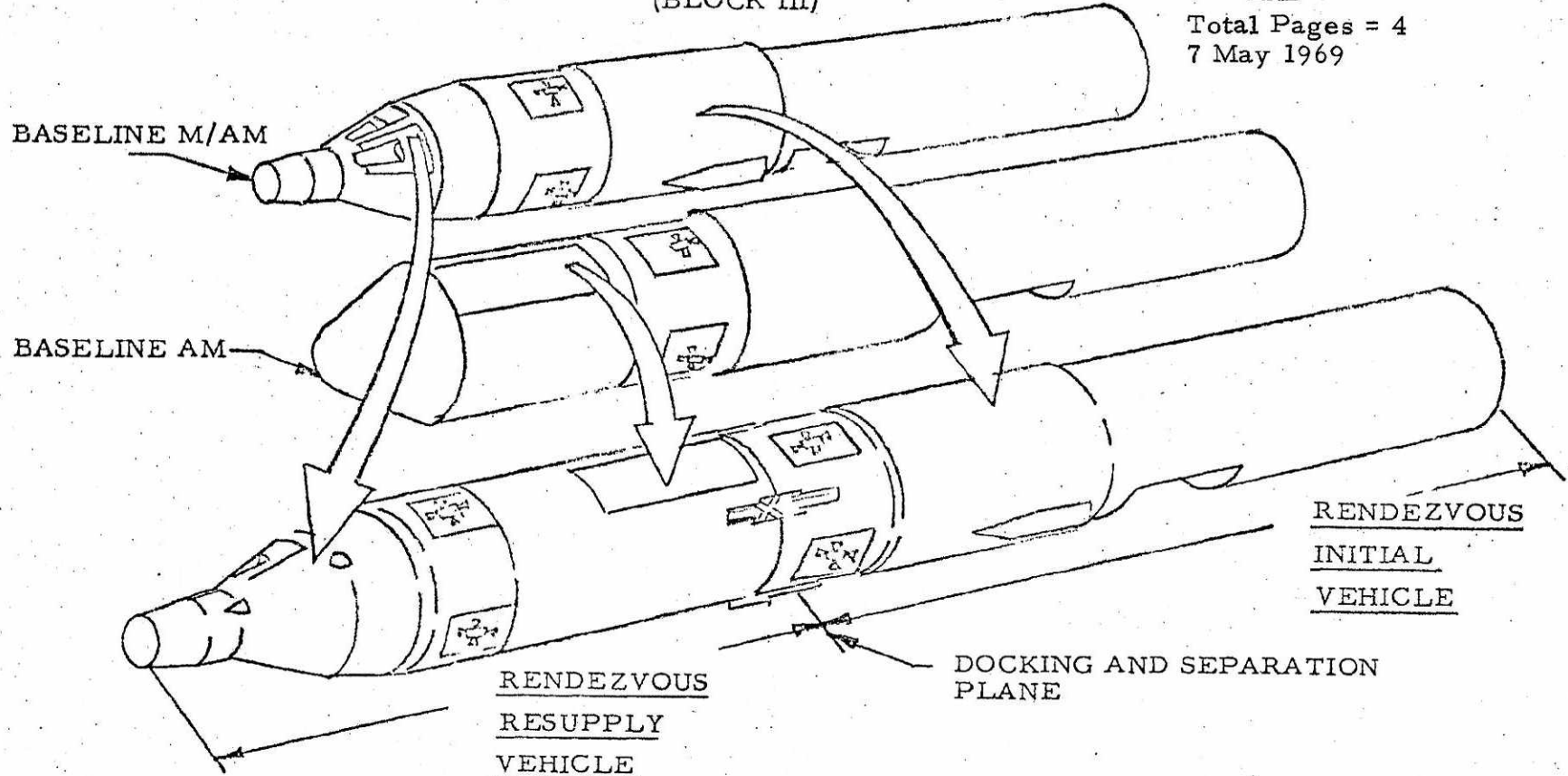
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RRV FUNCTIONS

- ⊙ CREW TRANSPORT VEHICLE
- ⊙ ACTS PROPULSION
- ⊙ PRIME POWER SYSTEM
- ⊙ LIFE SUPPORT EXPENDABLES
- ⊙ DATA RETURN SYSTEM
- ⊙ SUBSYSTEM SPARES/REPLACEMENTS

RIV FUNCTIONS

- ⊙ LIFE SUPPORT SYSTEM
- ⊙ ATTITUDE CONTROL REFERENCE/ELECTRONICS
- ⊙ COMMUNICATIONS AND DATA HANDLING
- ⊙ ENVIRONMENTAL CONTROL
- ⊙ HRO SYSTEM

D ~~SECRET~~ SPECIAL HANDLING

HANDLE VIA BYEMAN
CONTROL SYSTEM ONLY

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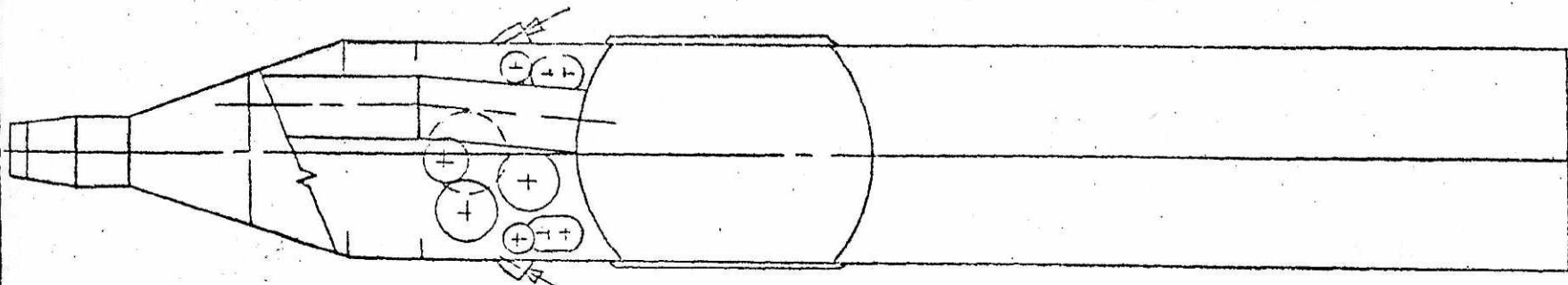
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POSSIBLE BLOCK II MOL OPERATING OPTIONS AND CHARACTERISTICS

✓ ADDITIONAL EXPENDABLE

✓ PAYLOAD IMPROVEMENTS



<u>MISSION</u>	<u>DURATION</u>	<u>PERIGEE ALTITUDE</u>	<u>OPTICAL RESOLUTION</u>	
			BASELINE	IMPROVED
• NOMINAL	45 DAYS	80 MILES		
• LOW FLIGHT	30 DAYS	70 MILES		
• EXTENDED DURATION	60 DAYS	90 MILES		

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