



# NASA Constellation Projects *Introduction*

*July 28, 2009*

# Constellation Systems

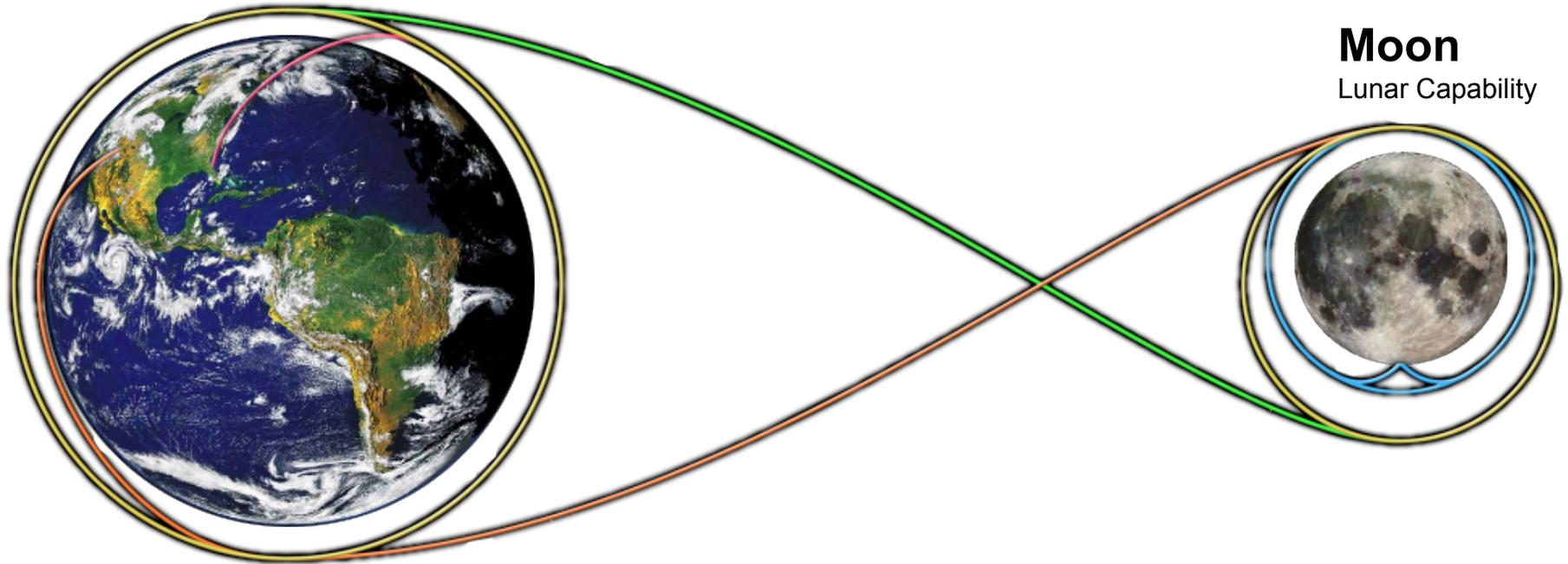


## ISS

Initial Capability

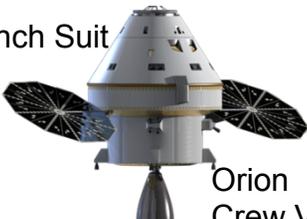
## Moon

Lunar Capability



Ares I  
Launch Vehicle

Launch Suit



Orion  
Crew Vehicle



Ground  
Operations

Mission  
Operations

Surface  
Systems



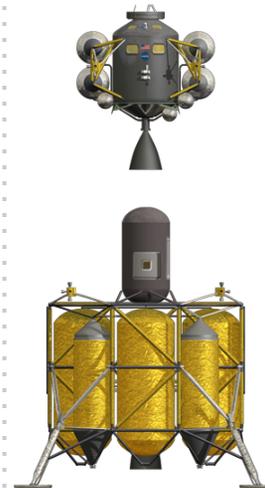
Ares V  
Launch Vehicle

EVA



Altair  
Lunar Lander

# Constellation Transportation Elements



Project	Orion	Ares I	Ares V	Altair	EVA
Configuration	CEV 606F	A106	PA-C1	P905-A	ESR2 Config 1&2
Maturity	SDR-PDR	PDR-CDR	MCR-SRR	MCR-SRR	SRR-PDR
Expected IOC	Mar 2015	Mar 2015	June 2020	June 2020	Mar 2015

# Current Development for Future Exploration Capabilities

