Moonshot Three Letter Acronyms (TLA) + others

AOS = Acquisition of signal
CM = Command Module
CSM = Command Service Module
EVA = Extravehicular Activity
LEM = Lunar Excursion Vehicle
LOI = Lunar Orbit Insertion
LOS = Loss of Signal
PTC = Passive Thermal Control
SPS = Service Propulsion System
TEI = Trans Earth Injection
TLI = Trans Lunar Injection
Milestones to the Moon…

- TLI burn
- Stage 3 sep burn
- LEM docking
- PTC during translunar flight
- LOI burn
It takes 3 days for translunar flight, so shoot where moon is GOING to be....
Milestones back to Earth…

- Rentry (34,000 mph)
- Jettison CM
- PTC during translunar flight
- LEM undocking
- TEI burn