

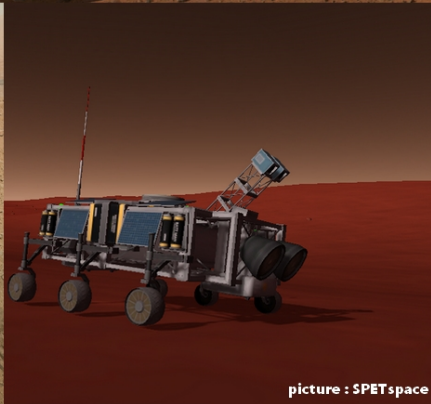
picture : NASA/JPL



picture : SPETspace



picture : NASA/JPL



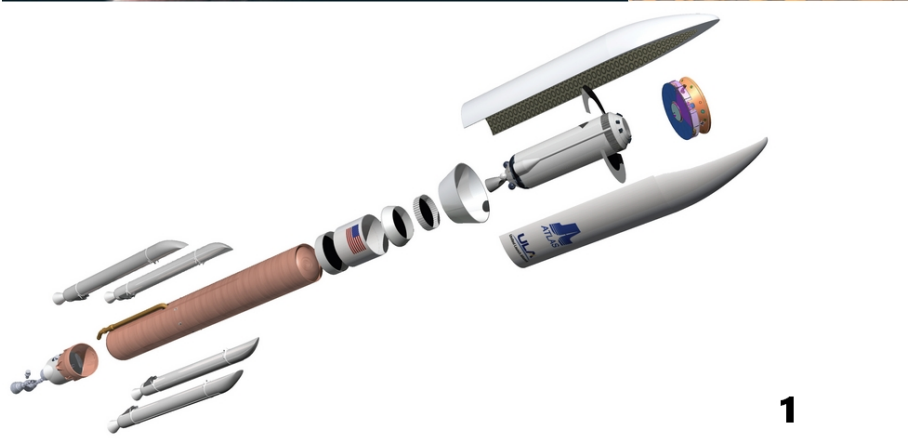
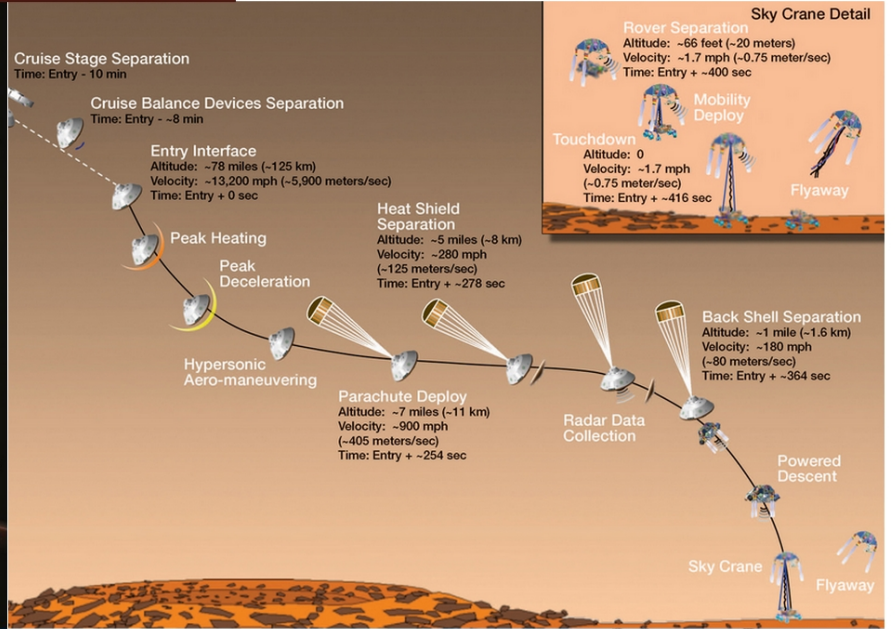
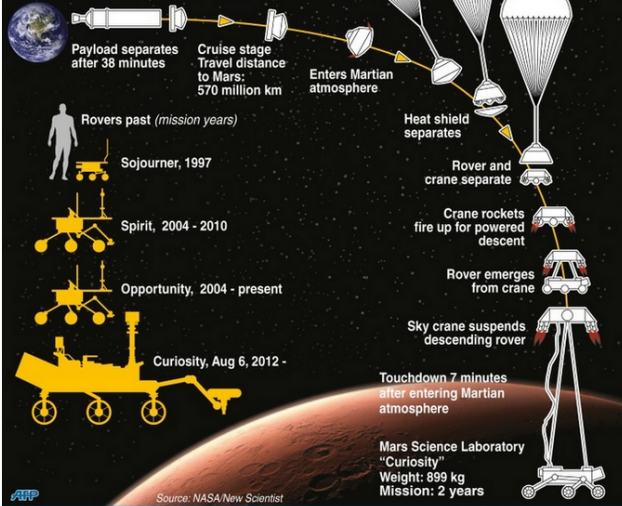
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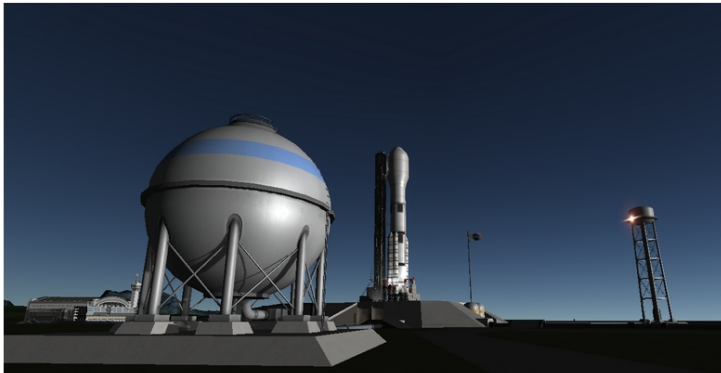
### Curiosity lands on Mars

NASA's Curiosity rover lands Monday, will try to determine if microbial life once existed on the Red Planet

Launched: November 26, 2011

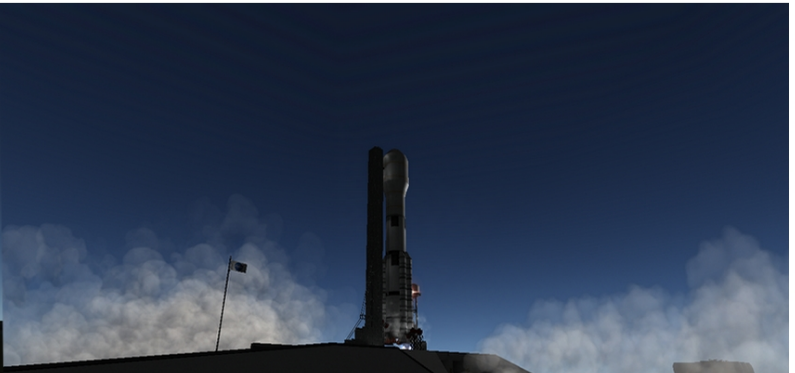


picture : NASA/JPL **Launch : November 26, 2011**



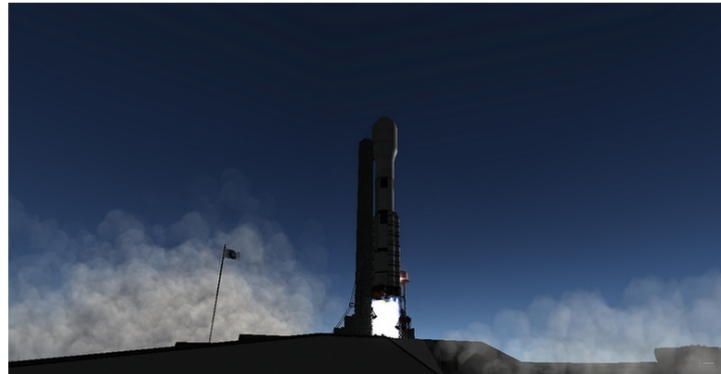
picture : SPETspace

**DeltaV rocket at launch pad**



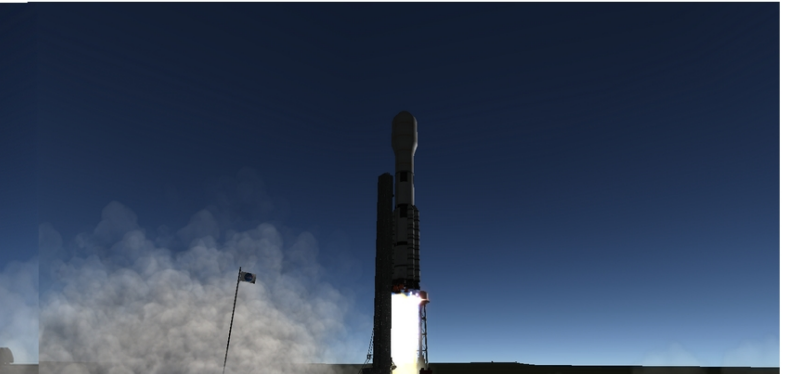
picture : SPETspace

**DeltaV rocket T-00min03s**



picture : SPETspace

**DeltaV rocket lift-off**



picture : SPETspace

**DeltaV rocket lift-off**



**DeltaV rocket at 33.000ft/10km**

picture : SPETspace



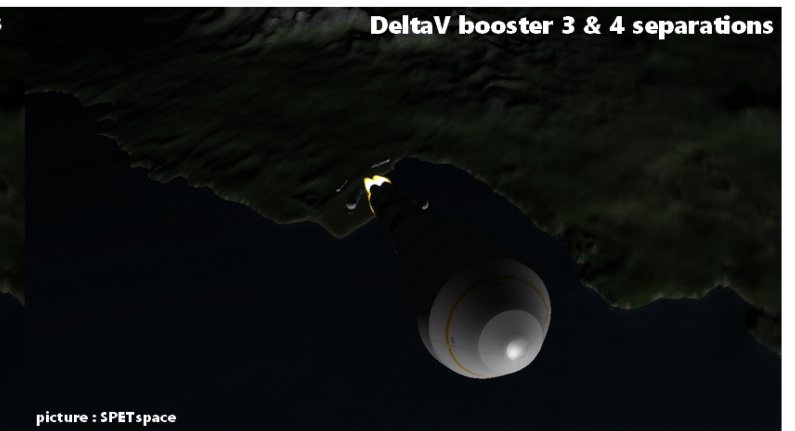
**DeltaV rocket Mach 1.0**

picture : SPETspace



**DeltaV booster 1 & 3 separations**

picture : SPETspace



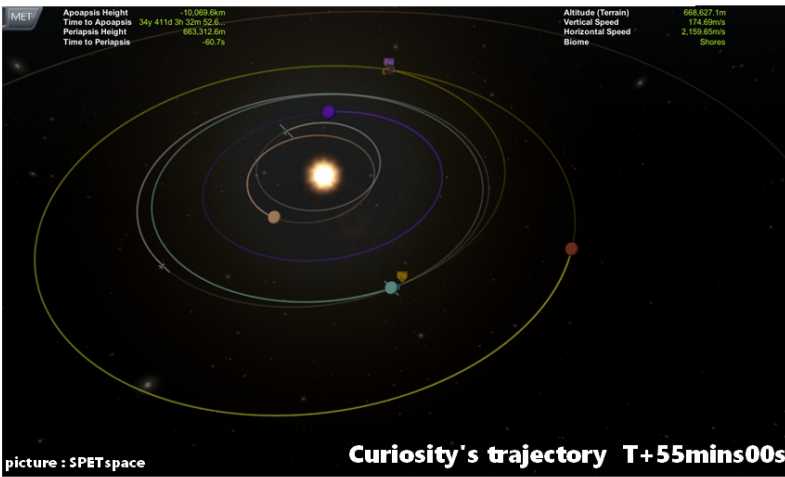
**DeltaV booster 3 & 4 separations**

picture : SPETspace



**MECO Stage 1 separation**

picture : SPETspace



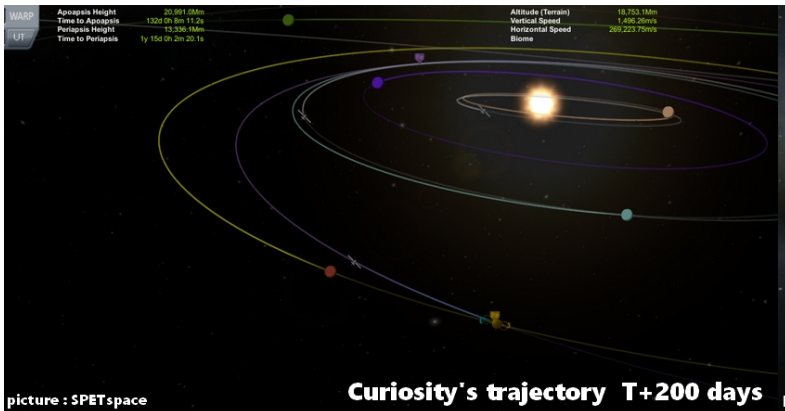
picture : SPETspace

Curiosity's trajectory T+55mins00s



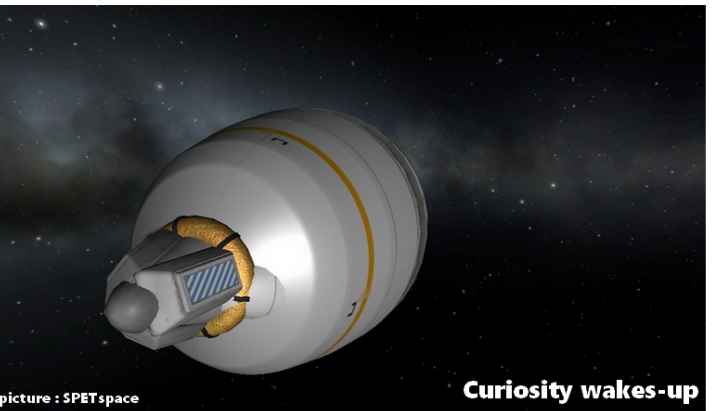
picture : SPETspace

Stage 2 full burn to Mars (Duna)



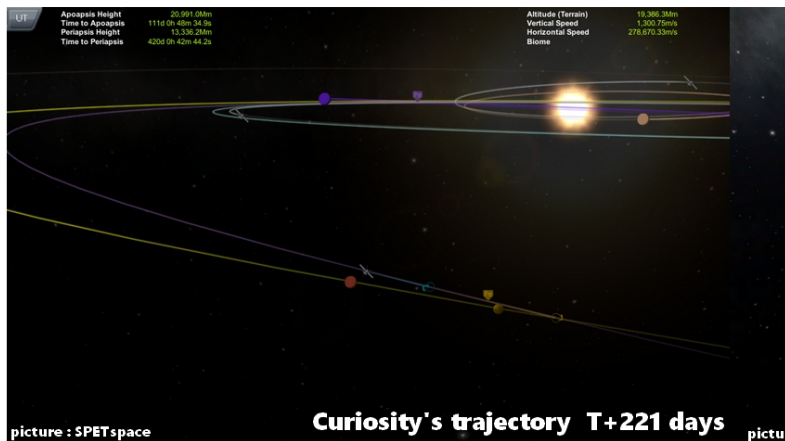
picture : SPETspace

Curiosity's trajectory T+200 days



picture : SPETspace

Curiosity wakes-up



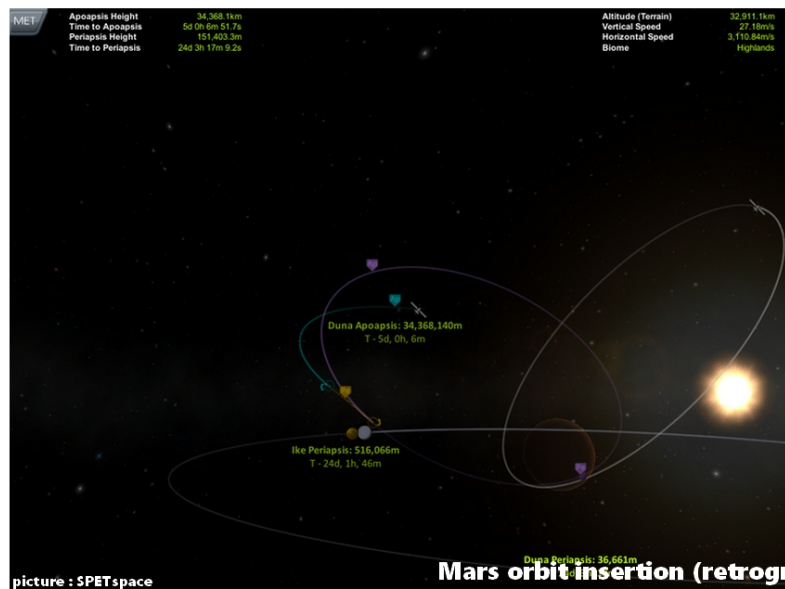
picture : SPETspace

Curiosity's trajectory T+221 days



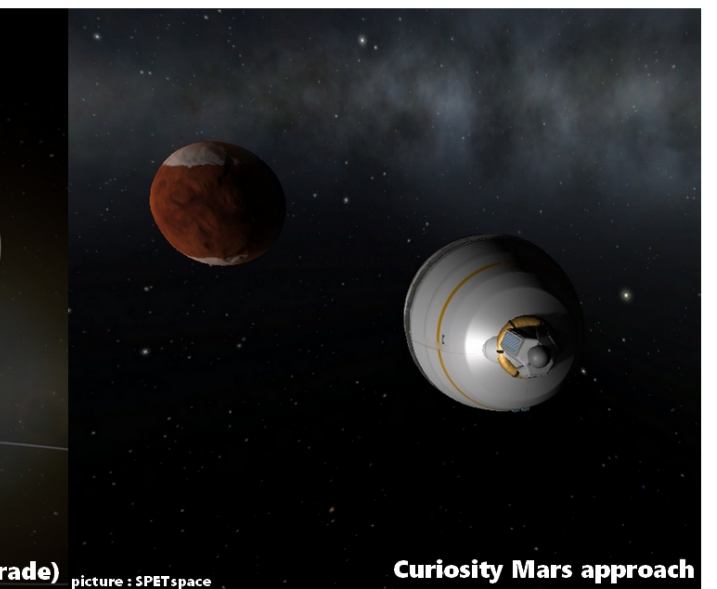
picture : SPETspace

Mars orbit insertion



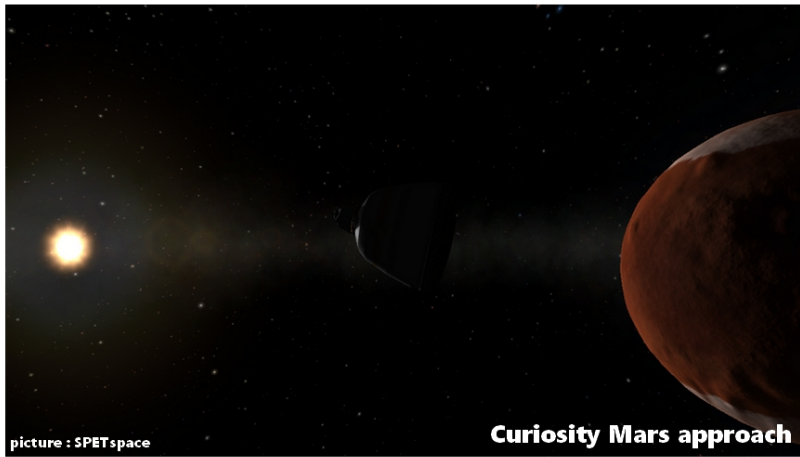
picture : SPETspace

Mars orbit insertion (retrograde)



picture : SPETspace

Curiosity Mars approach



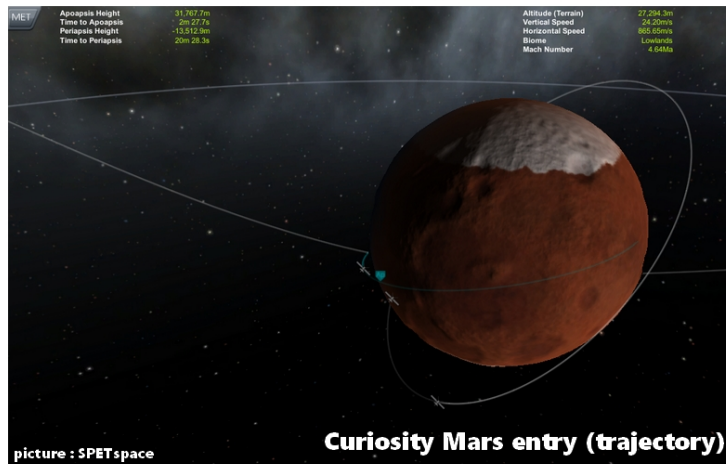
picture : SPETspace

**Curiosity Mars approach**



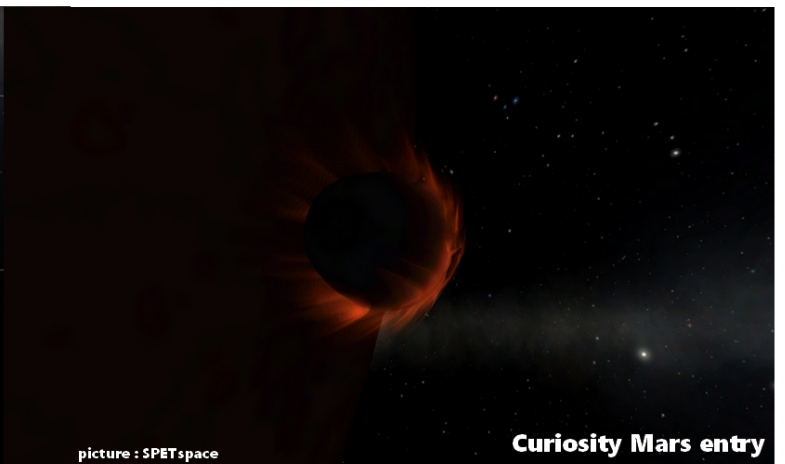
picture : SPETspace

**Curiosity Mars approach**



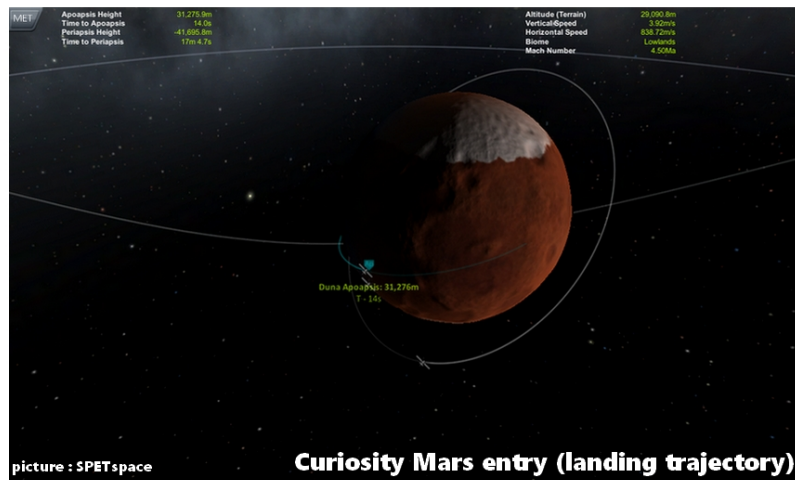
picture : SPETspace

**Curiosity Mars entry (trajectory)**



picture : SPETspace

**Curiosity Mars entry**



picture : SPETspace

**Curiosity Mars entry (landing trajectory)**



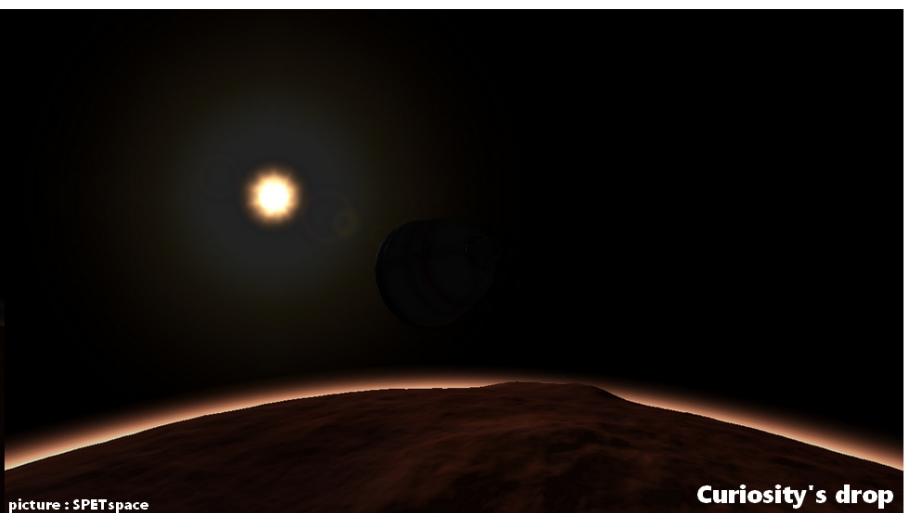
picture : SPETspace

**Curiosity ending Mars entry**



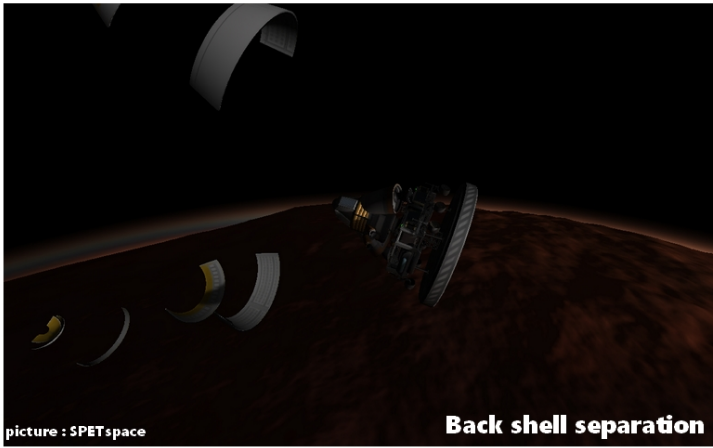
picture : SPETspace

**Heat shield separation**



picture : SPETspace

**Curiosity's drop**



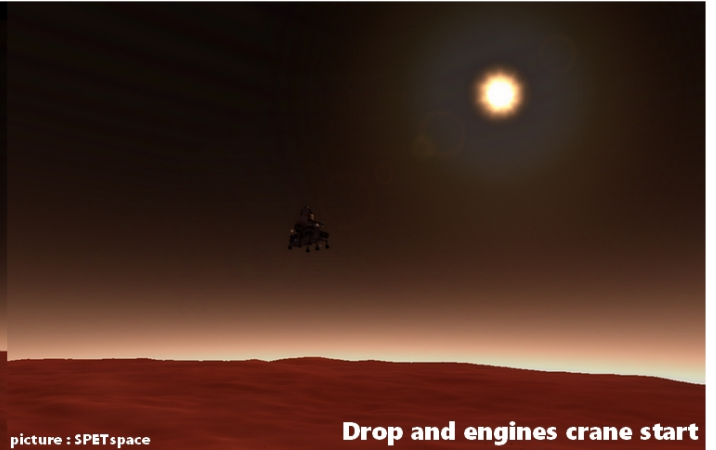
**Back shell separation**



**Parachute deployed**



**Parachute deployed**



**Drop and engines crane start**



**Powered descent (300m/s => 1,5m/s)**



**Touch down ! Crane separation (flyaway)**



**Curiosity ! Let's ride and explore the Red Planet !**



**Curiosity Mission partners :**



**Curiosity Mission replica edited with :**



**Curiosity Mission replica designed by :  
Guillaume Mahe for SPETspace**

