

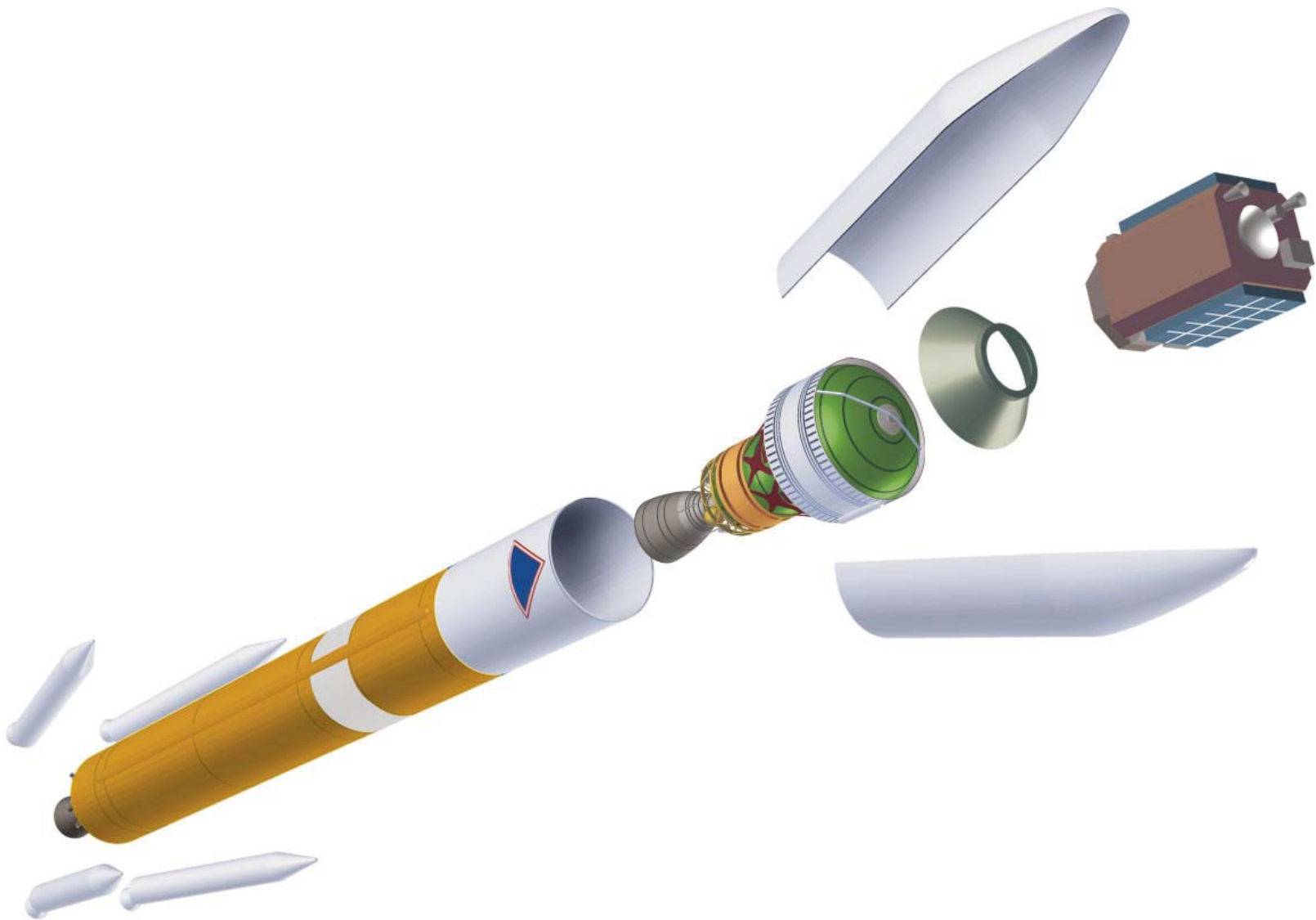


Prosinec 2009 v kosmonautice

Vypuštěná tělesa (prosinec 2009)

- 6.12.09 **2009-068A** (36108) US – **USA 211**
- 9.12.09 **2009-069A** (36110) CN – **YW-7**
- 14.12.09 **2009-070A** (36111) RU – **Kosmos-2456**
- 14.12.09 **2009-070B** (36112) RU – **Kosmos-2457**
- 14.12.09 **2009-070C** (36113) RU – **Kosmos-2458**
- 14.12.09 **2009-071A** (36119) US – **WISE**
- 15.12.09 **2009-072A** (36121) CN – **YW-8**
- 15.12.09 **2009-072B** (36122) CN – **XW-1**
- 18.12.09 **2009-073A** (36124) FR – **Helios 2B**
- 20.12.09 **2009-074A** (36129) RU – **Sojuz TMA-17**
- 29.12.09 **2009-075A** (36131) US – **DirecTV 12**

Delta IV M+(5,4) + WGS 3

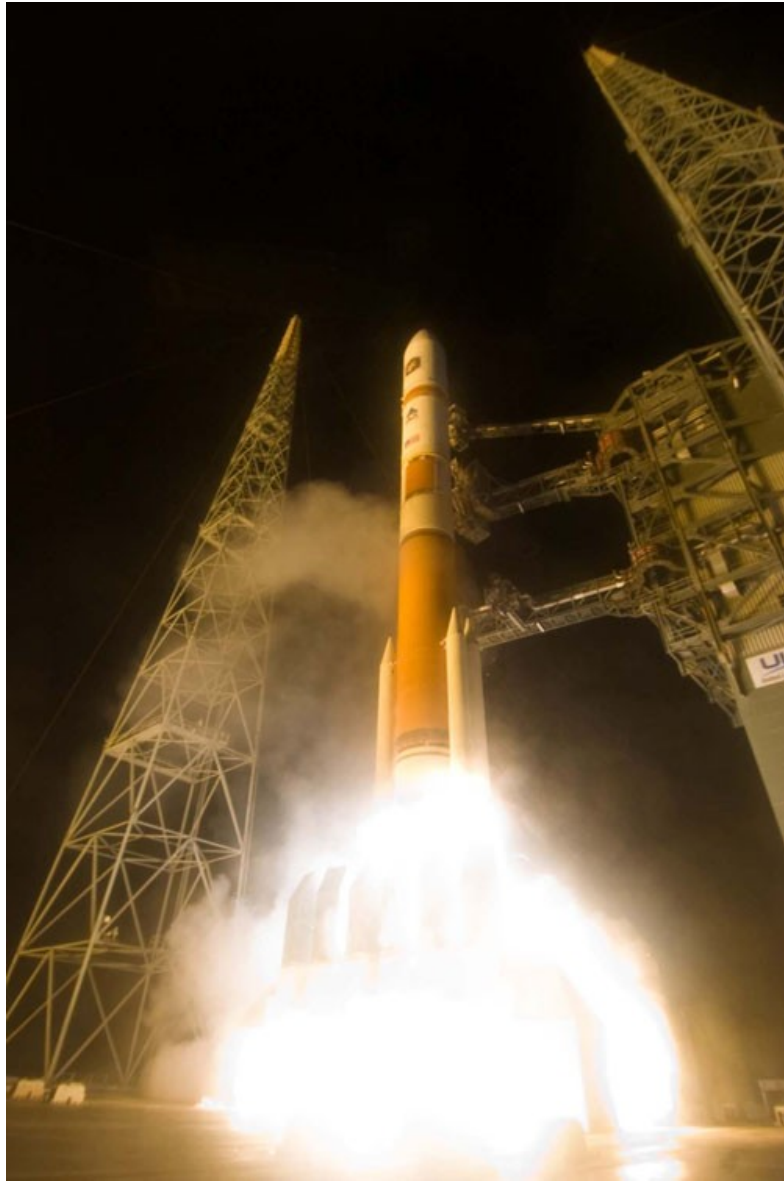




Delta 4 M+(5,4)



Delta 4 M+(5,4)



Delta 4 M+(5,4)





WISE (Wide-field Infrared Survey Explorer)



WISE



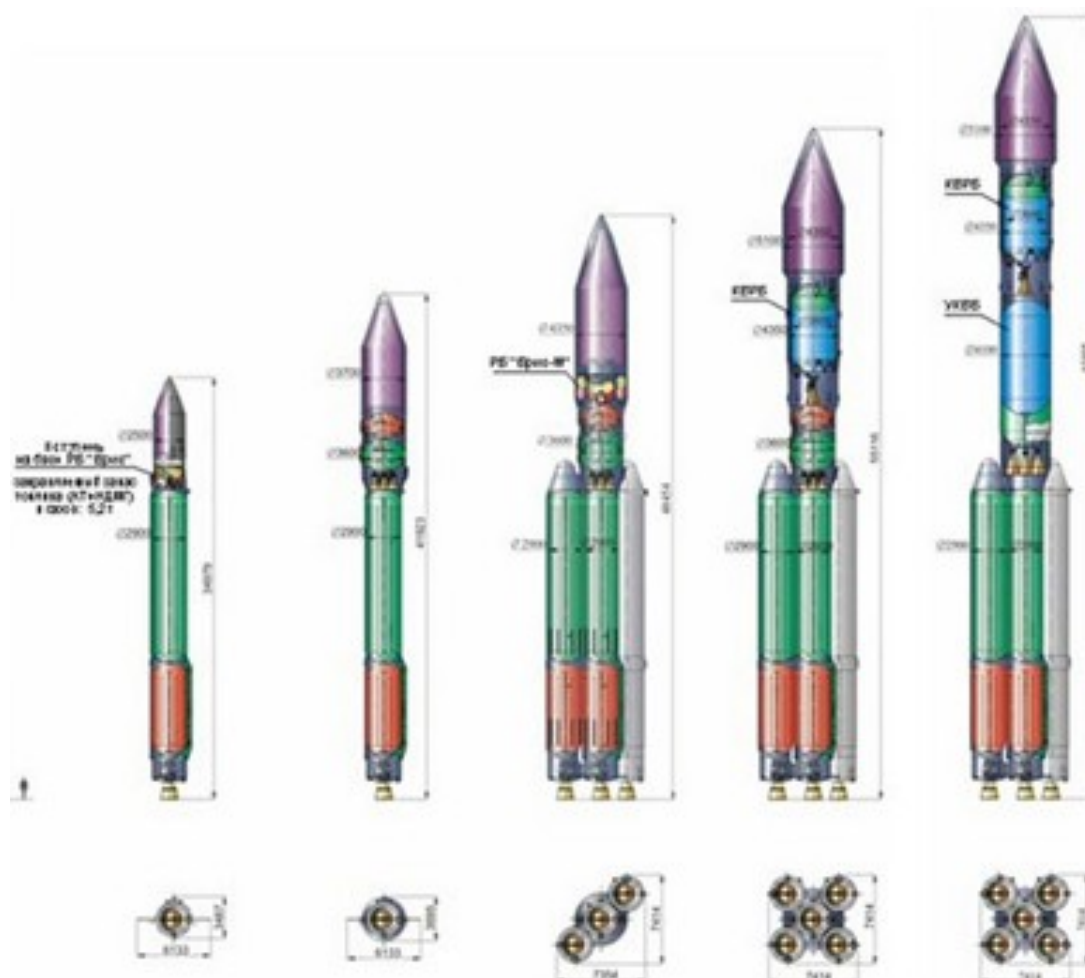
Helios 2B



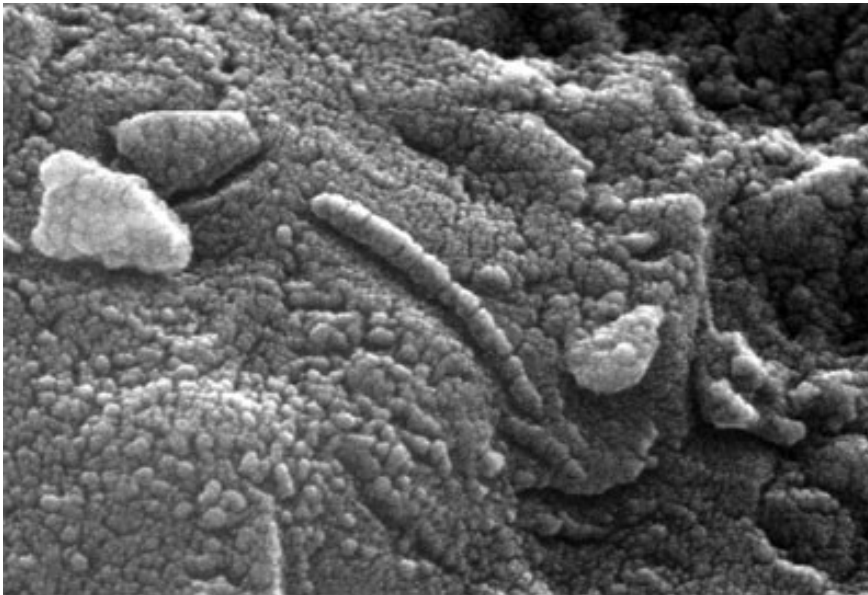
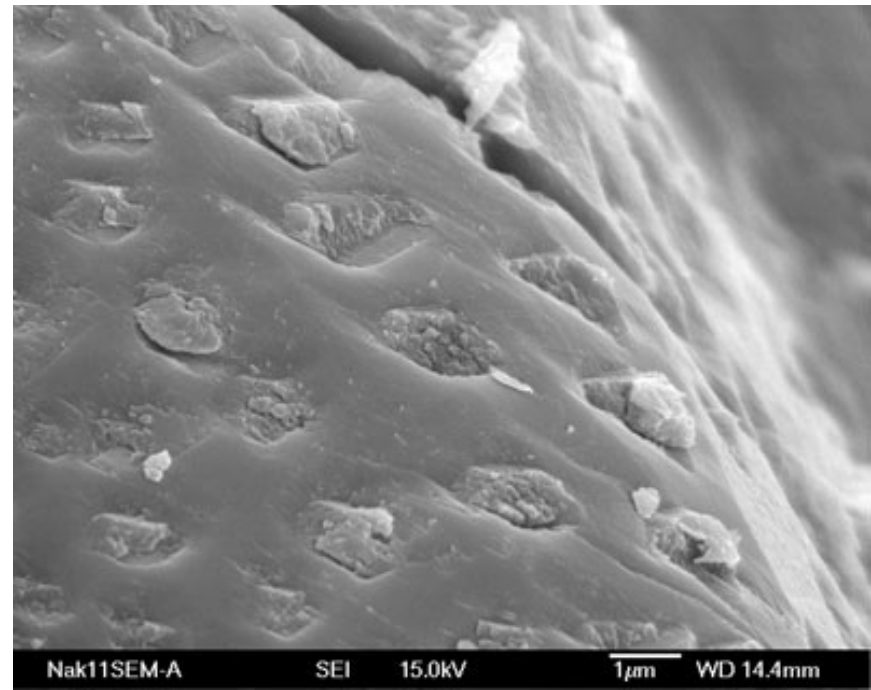
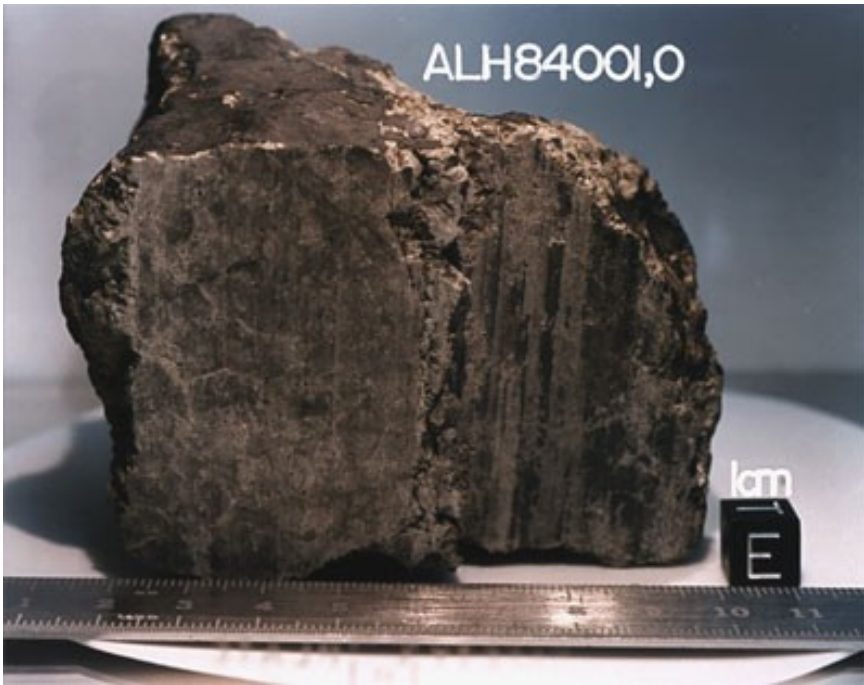
Proton-M/DM-2 s družicemi Uragan systému
GLONASS (**Kosmos 2456, 2457 a 2458**)



X-37B (OTV)



Projekt raket Angara (použití motorů RD-191=1/4 RD-170)



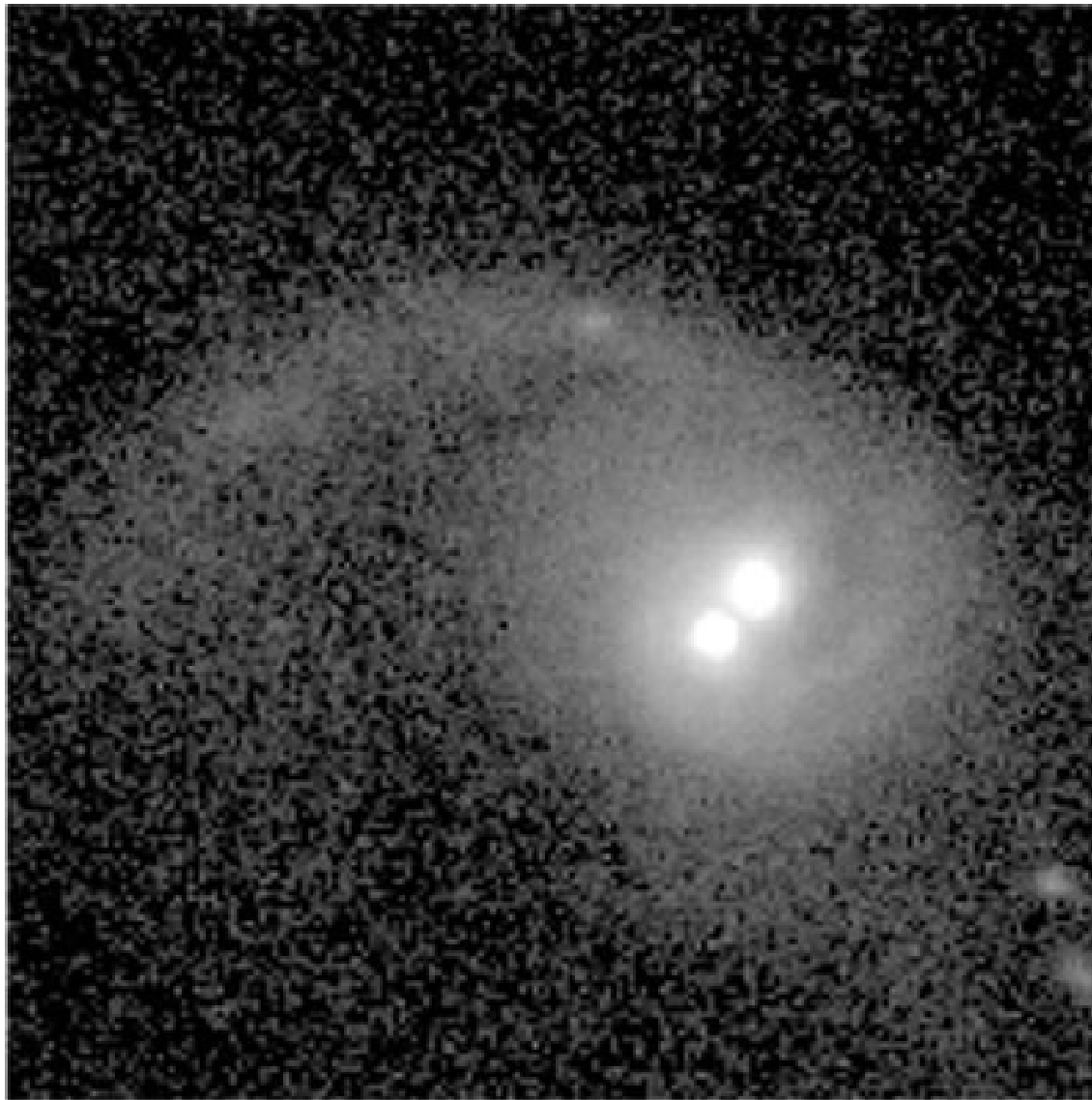
- Johnson Space Center team believes pits in Nakhla meteorite were left by living bacteria. Some of remaining bacteria is also in each pit.
- Credit: NASA



X-51A: Dec. 9, 2009, at Edwards Air Force Base, Calif.



X-51A: Dec. 9, 2009, at Edwards Air Force Base, Calif



HST - ACS: spojování jader (tj. dvou supermasivních černých děr) v galaxii J100043.15+020637.2 asi 4 mld světelných let od Země



Vibrace Aresu



Zkouška motoru Merlin 2. stupně rakety Falcon 9 dne 2. 1. 2010
v trvání 5,5 min



Maketa pouzdra Dragon, které bude Falcon 9 v budoucnu dopravovat na ISS





SS2 + WK2 (7. 12. 2009)





Rutan

+

Branson



Ani Terminátor nechyběl....







TSC
THE SPACECRAFT COMPANY

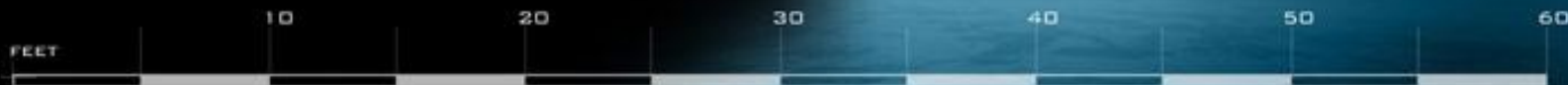
VSS ENTERPRISE



SPACESHIPONE
28FT



SPACESHIPTWO
60FT



SCALE COMPARISON CHART . SPACESHIPONE . SPACESHIPTWO

SPACESHIPTWO WILL CARRY SIX PASSENGER ASTRONAUTS AND TWO PILOT ASTRONAUTS. THE STRUCTURE IS MADE UP OF LIGHT & EFFICIENT CARBON SANDWICH PANELS WITH A HONEYCOMB CORE.

SPACESHIPTWO TECHNICAL SPECIFICATION:
WING SPAN: 27 FT
LENGTH: 60 FT
TAIL HEIGHT: 15 FT

CABIN DETAILS:
90" DIAMETER X 12 FT LONG - SIMILAR TO A BUSINESS JET
WINDOWS ARE 17" AND 13" IN DIAMETER.



GALACTIC

IMAGE DESIGN & GALACTIC GIRL BY SKY26

Leden 2010
v kosmonautice



Vypuštěná tělesa (leden 2010)

16.1.10 2010-001A (36287) CN – Beidou 2-G3

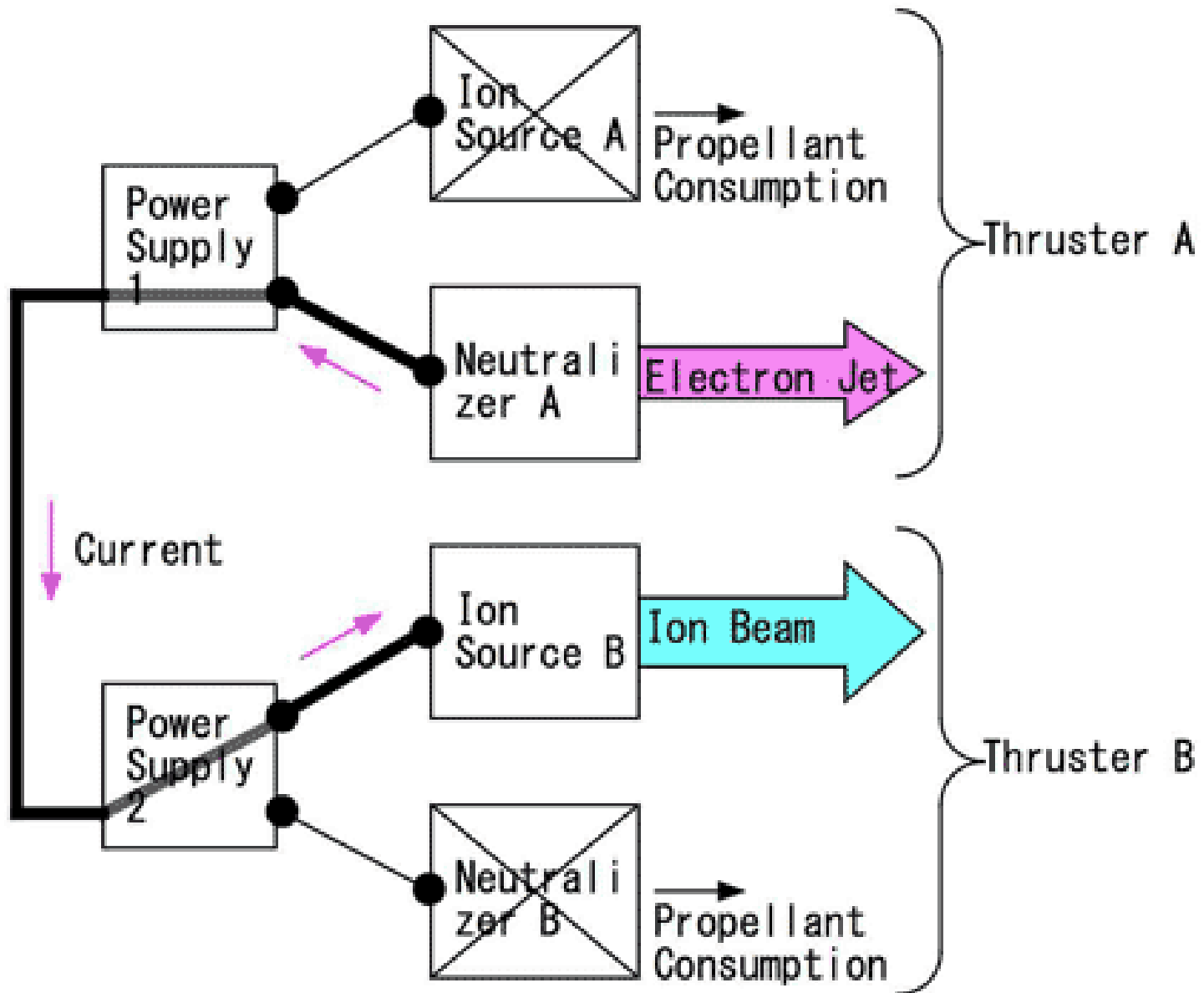
28.1.10 2010-002A (36358) RU – Kosmos 2459

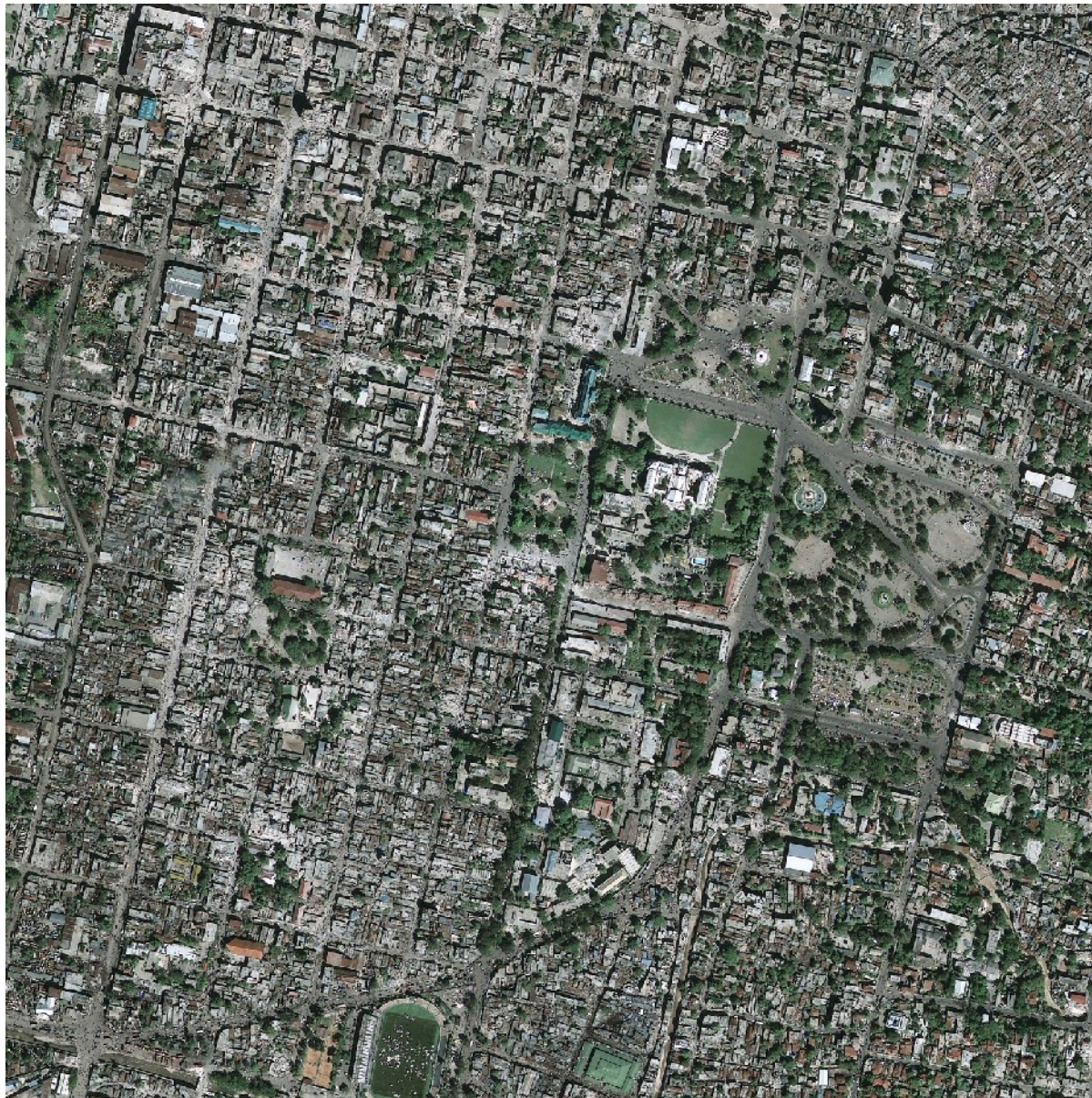
Hayabusa u asteroidu Itokawa (listopad 2005):



Hayabusa na cestě k Zemi, přílet v červnu 2010
(snad se vzorky asteroidu)

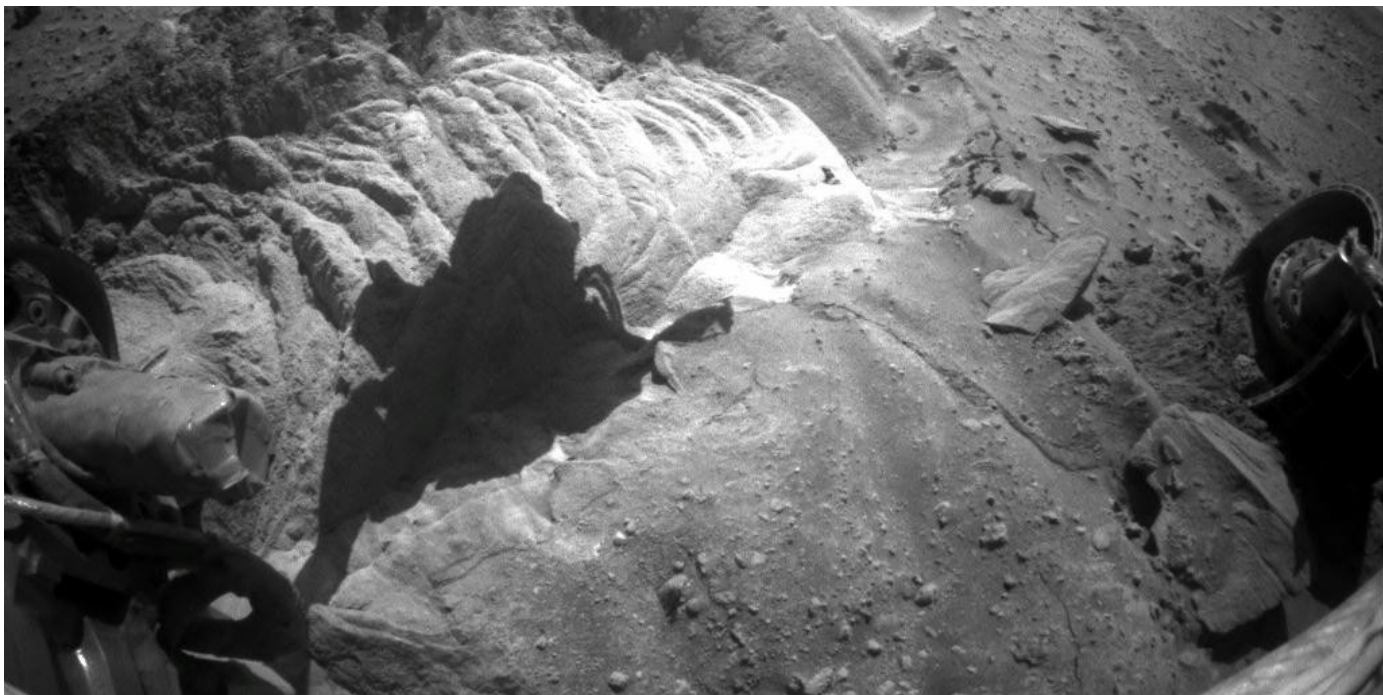
Hayabusa – co zbylo z iontových motorů:





Port-au-Prince: GeoEye 1, výška 677 km (rozlišení 2 – 3 m)

Spirit: Marsovská stacionární stanice (od 2010)



The GSLV's new cryogenic third stage undergoes testing in 2007. Credit: ISRO

