Mars Exploration Program

F. Li

March 17 ,2010

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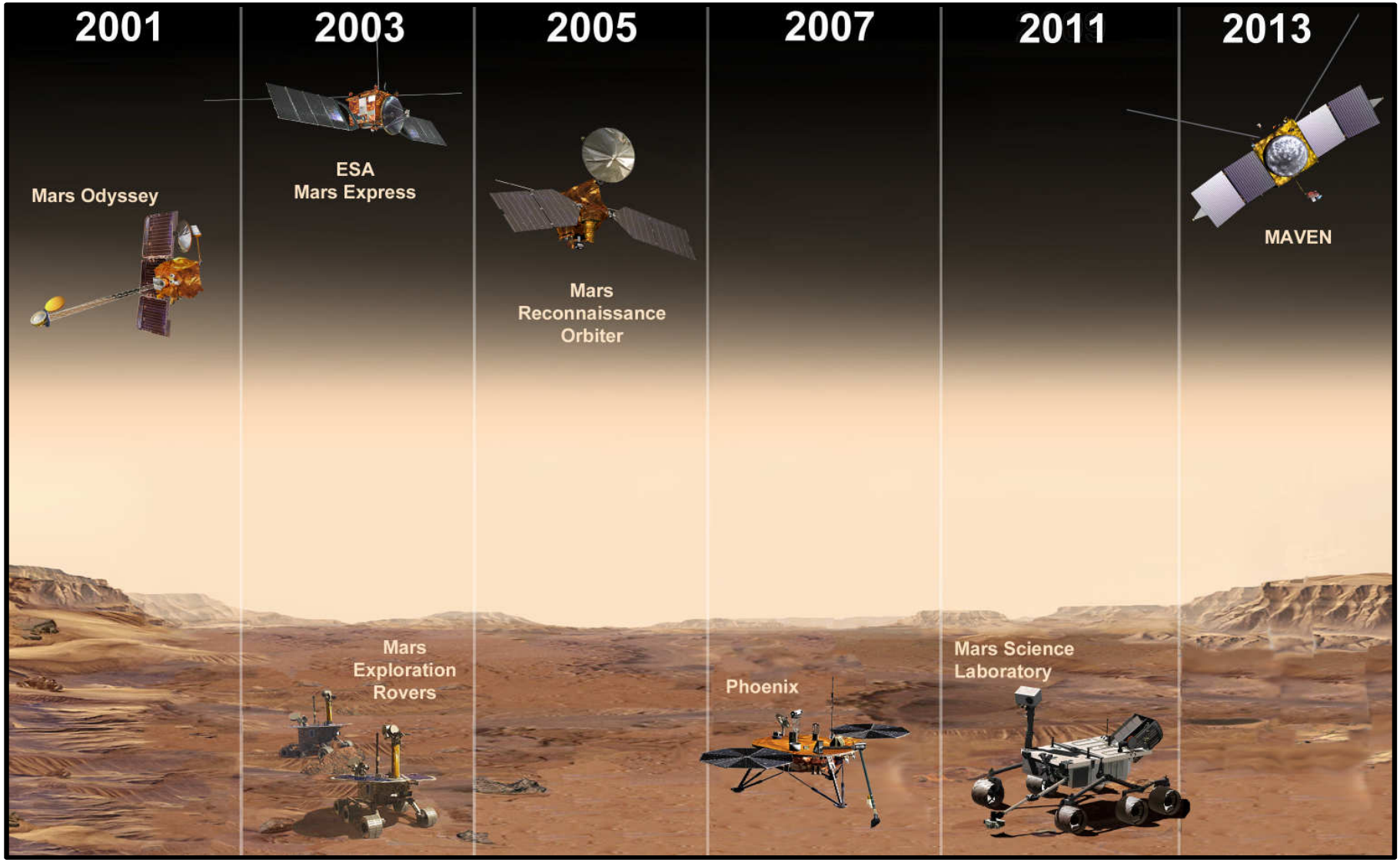
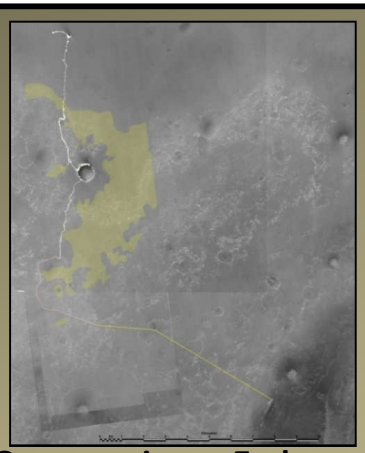
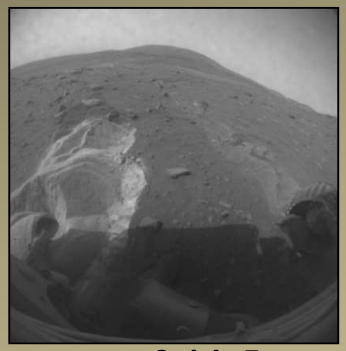


Highlights of Mars Operating Missions

MER



Opportunity to Endeavor



Spirit Front and Rear Rover Embedded

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Odyssey

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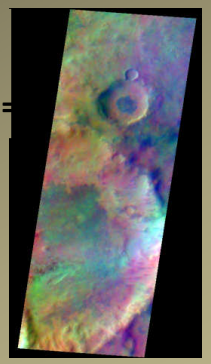

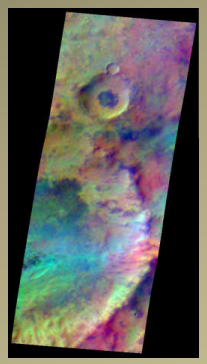

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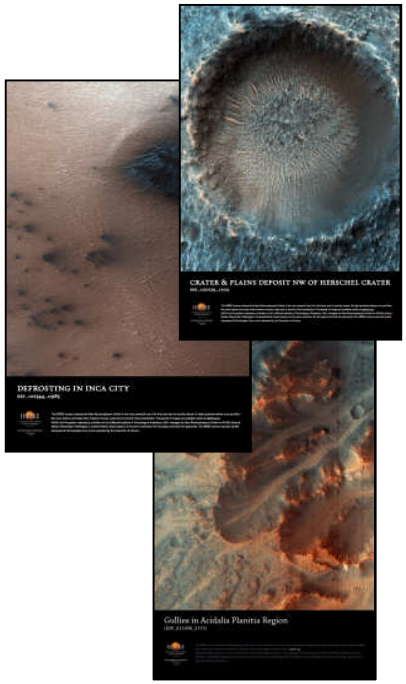

MRO has completed mission scientific Level I requirements

- Continues to acquire science data with all its instruments
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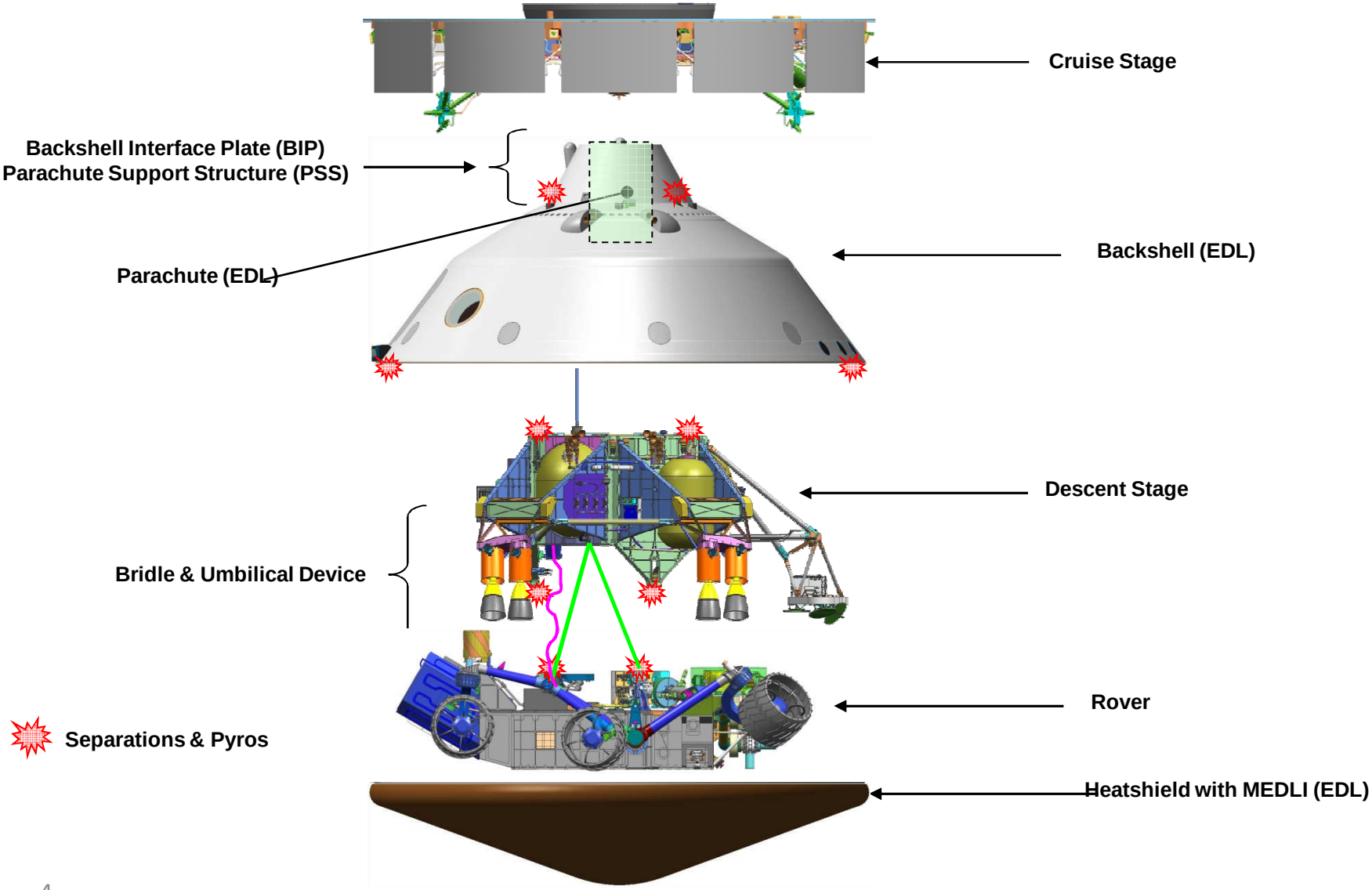
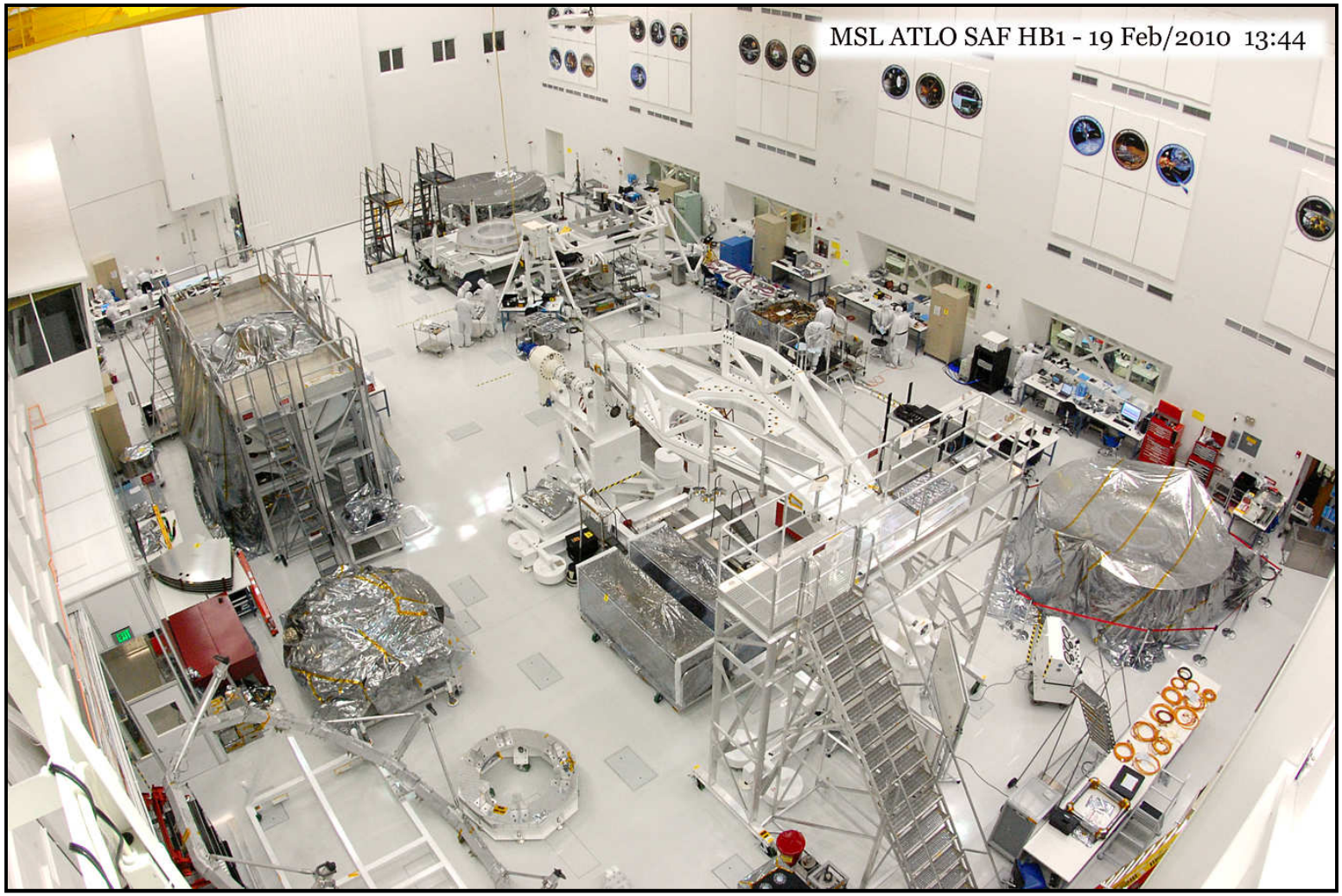
MSL Spacecraft Major Elements



MSL ATLO Image



Actuator Status

- ALL flight and flight spare actuators have been delivered to JPL
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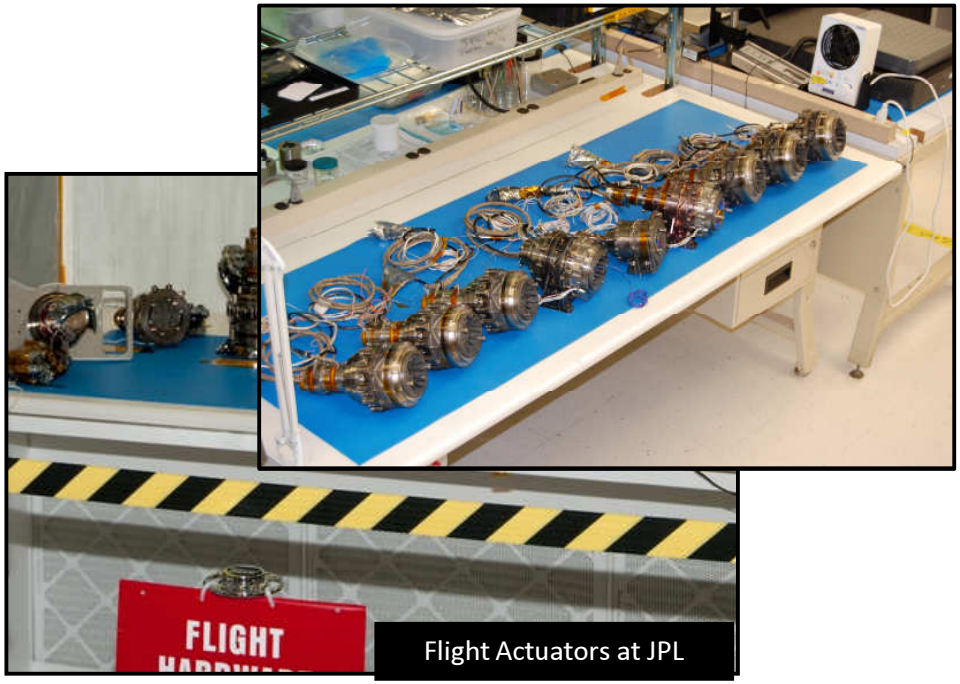
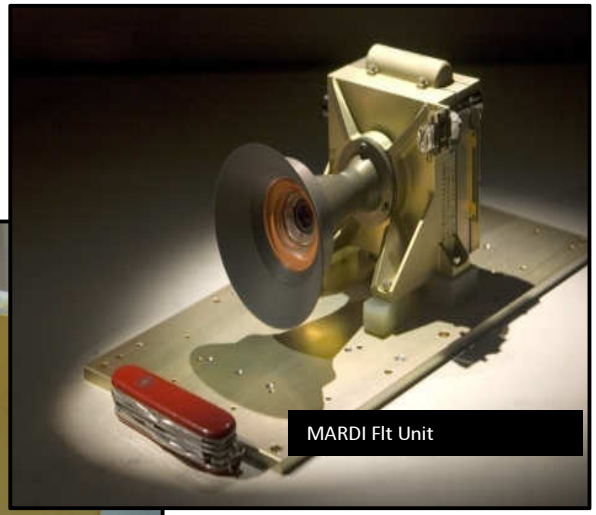
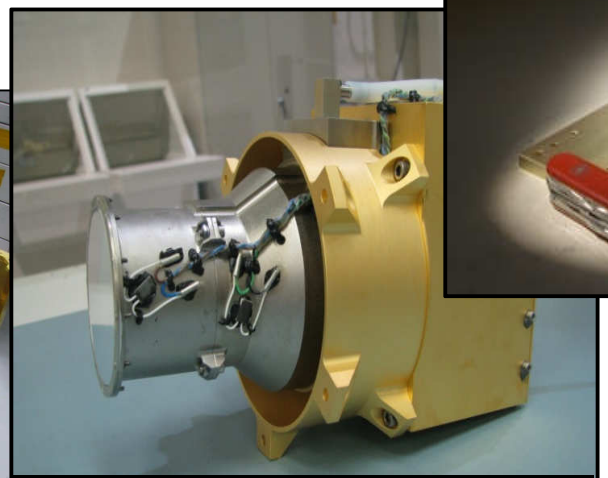


Flight Actuators at JPL

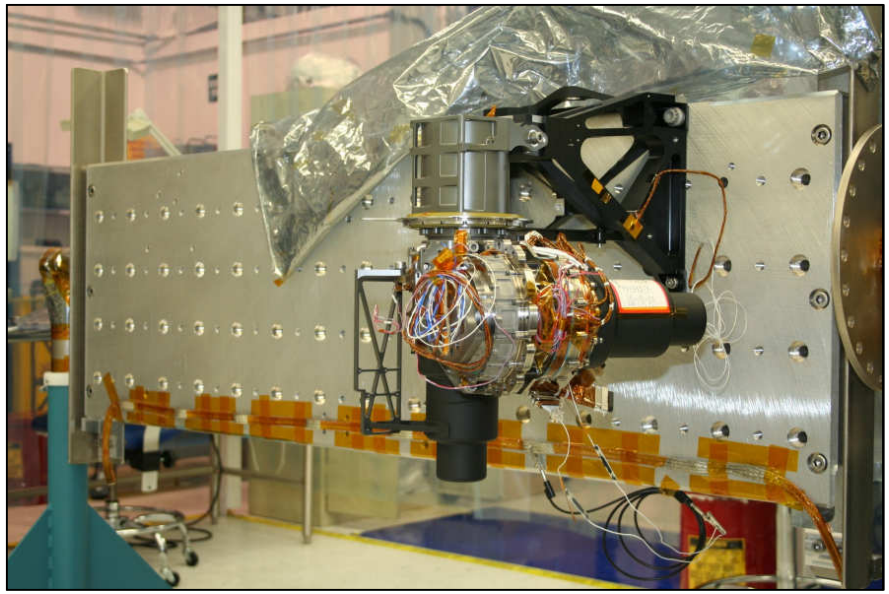
MSL Payload Progress

All major payload elements delivered, except
REMS, ChemCAM and SAM

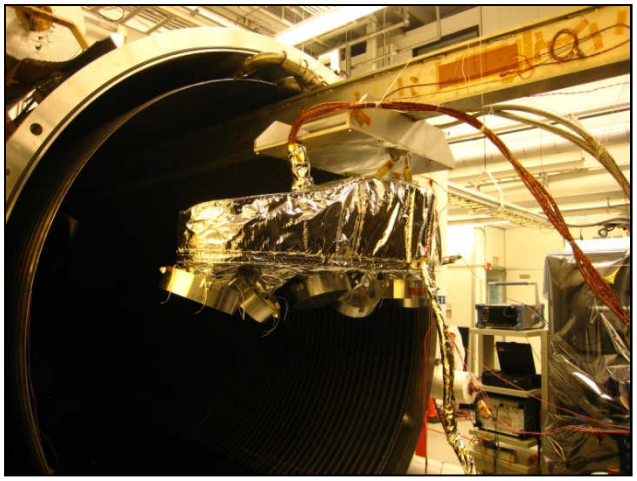

MARDI Flt Unit


RAD FM in SwRI Cleanroom

SAM Flight Instrument



Flight RA Shoulder Assembly



Flight TDS ready for TVAC prior to TRM rework

MSL ATLO starts

MSL Progressing to 2011 Launch

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- Remaining significant *development* issues:
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- Agency PMC January 2010:
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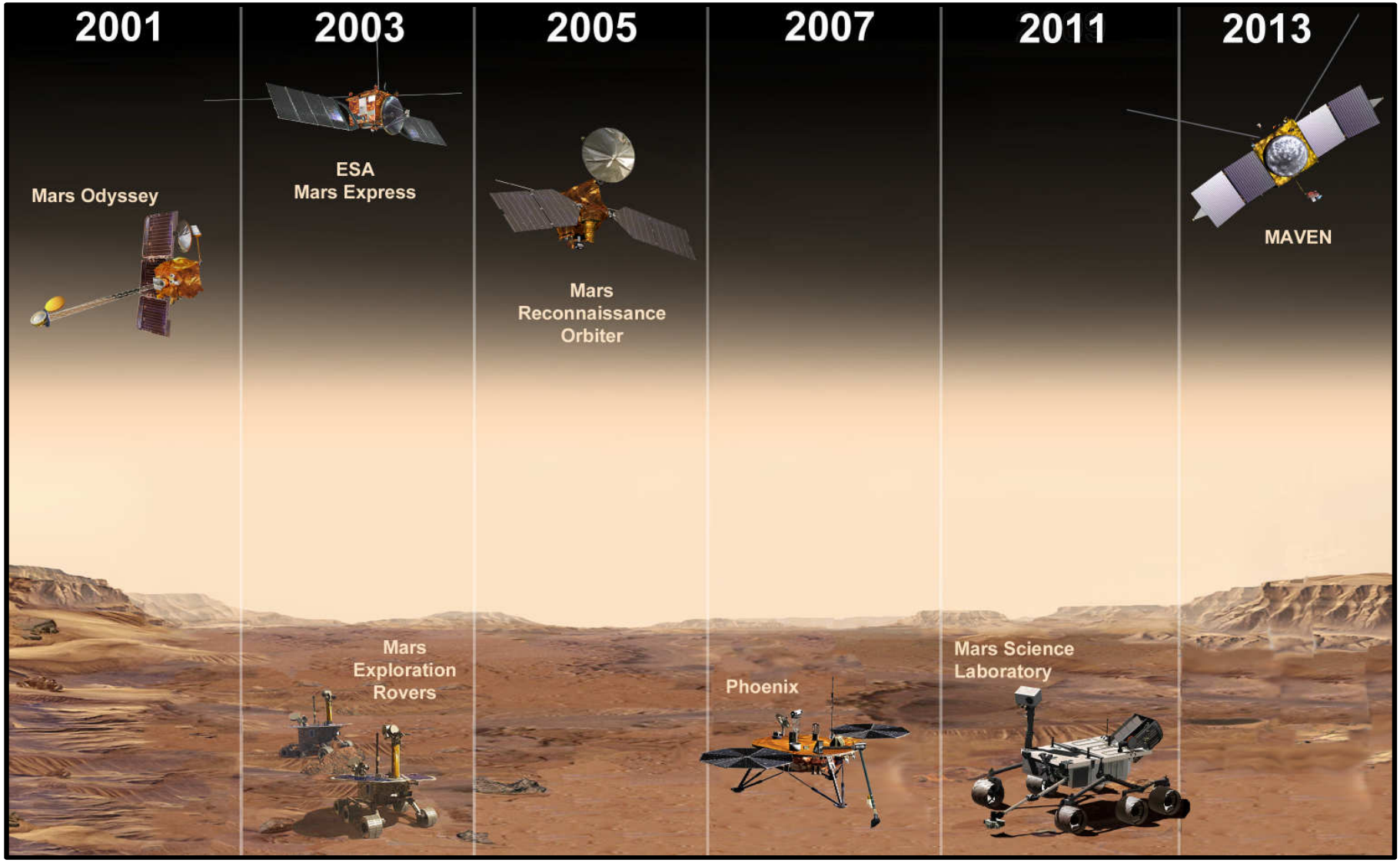

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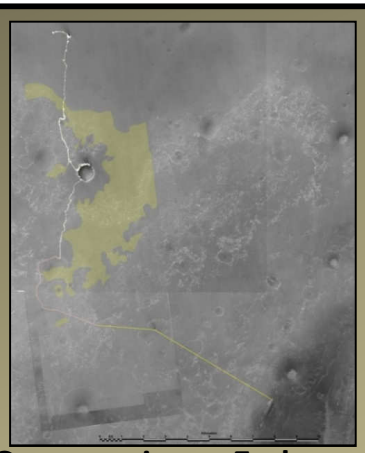

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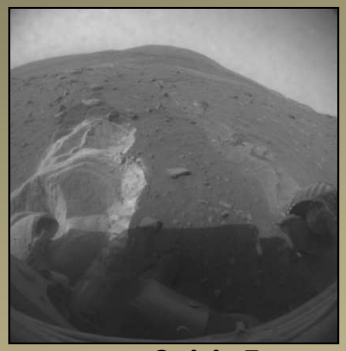

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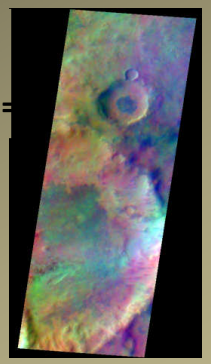

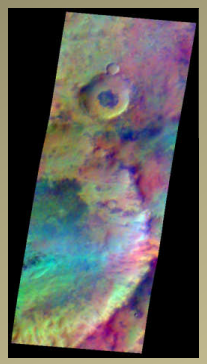

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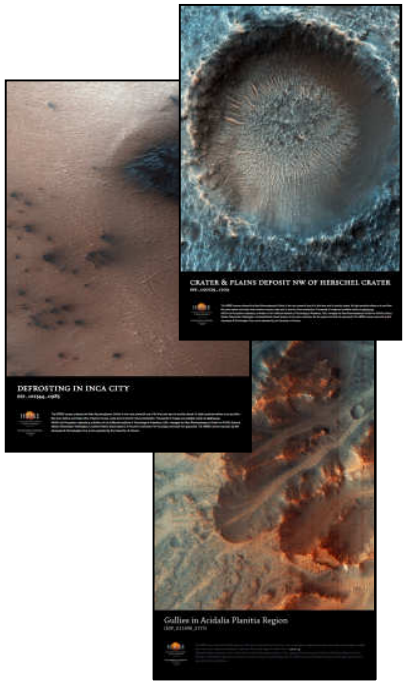

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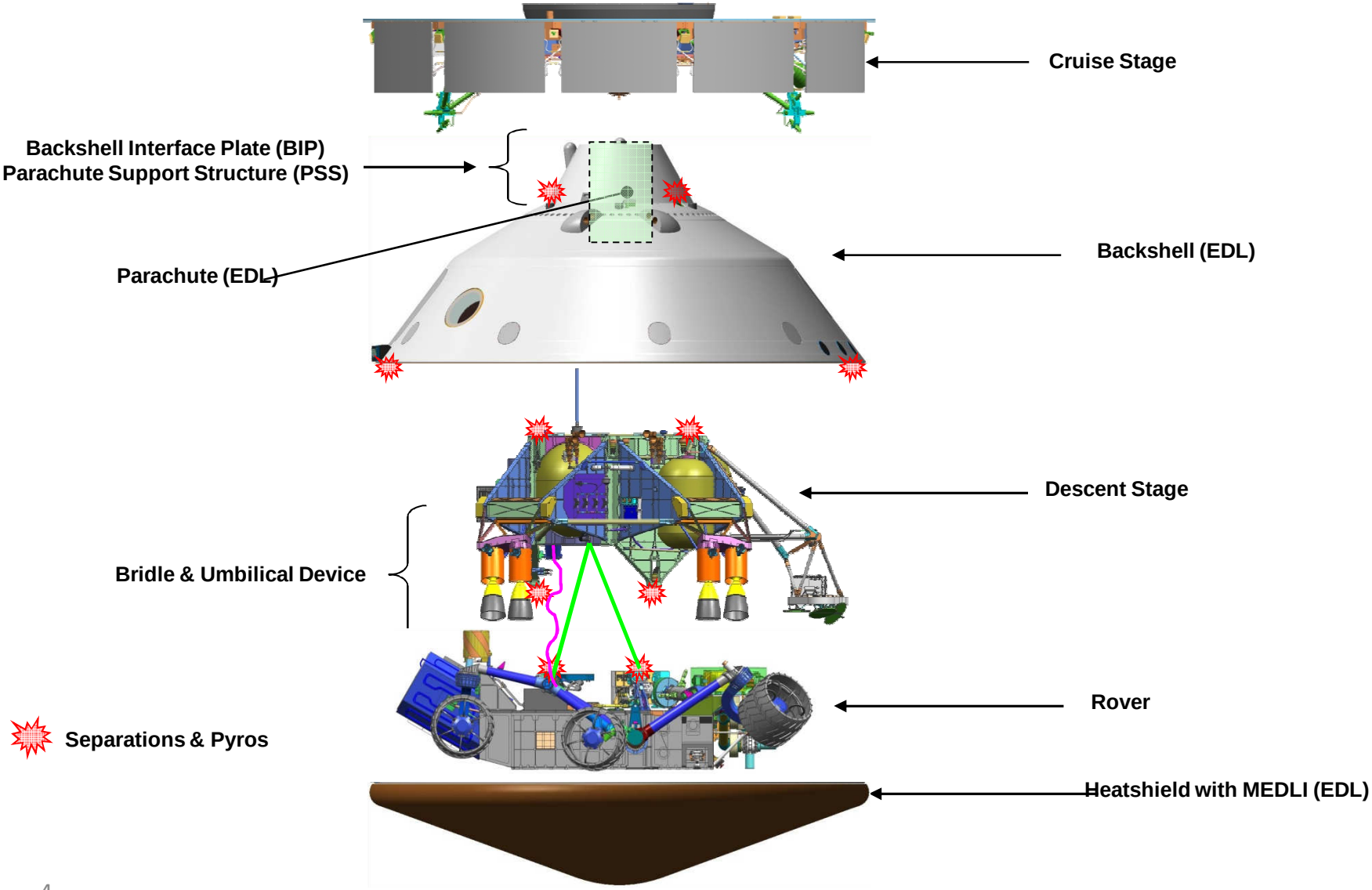

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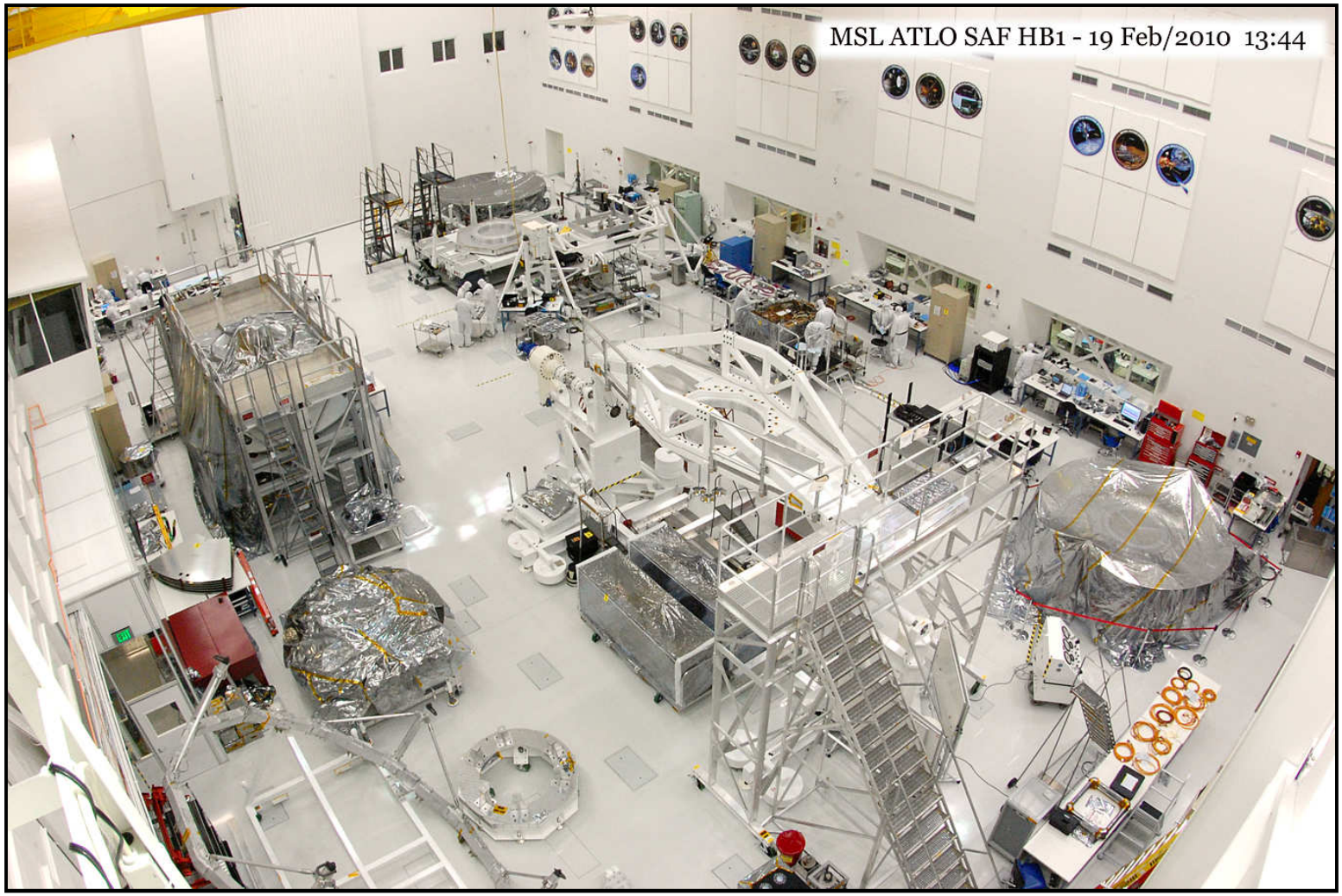

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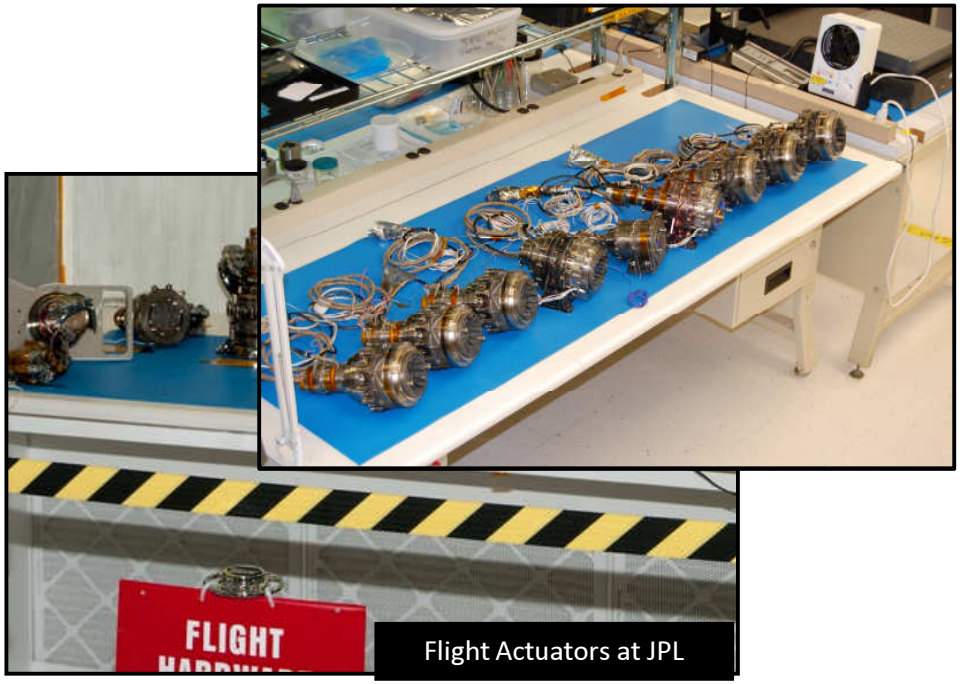

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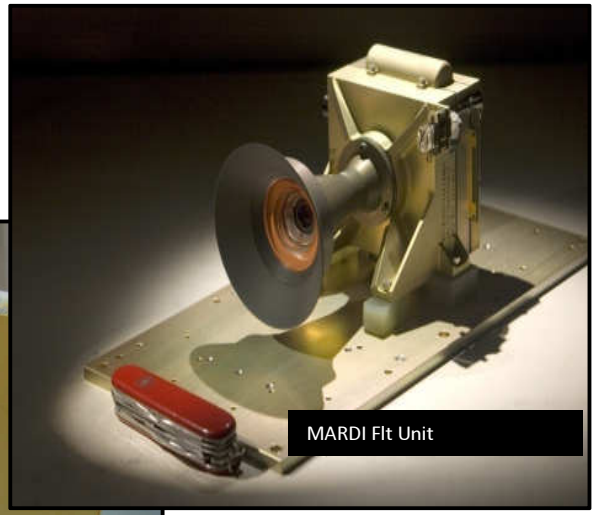
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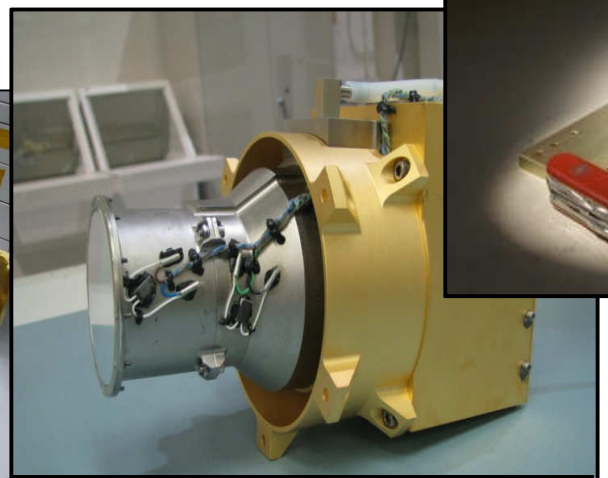
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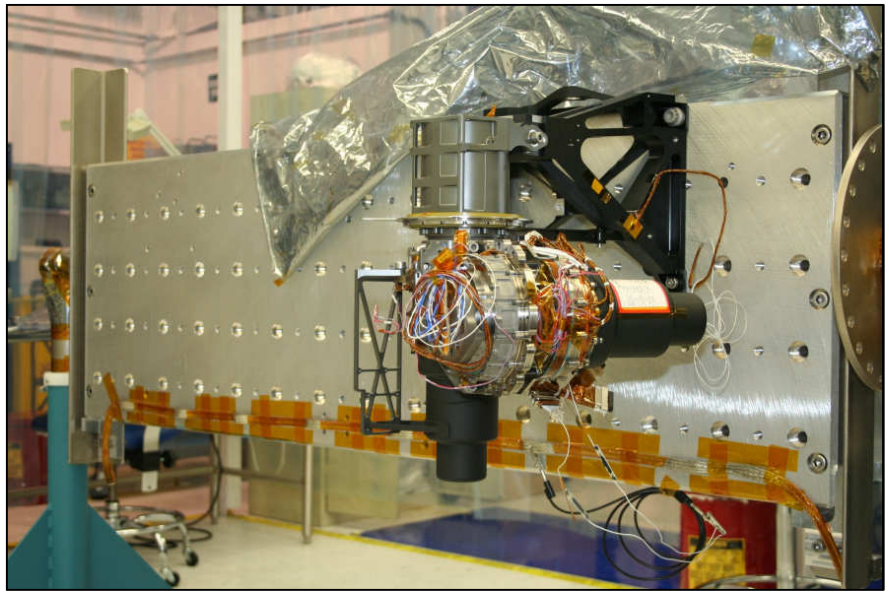

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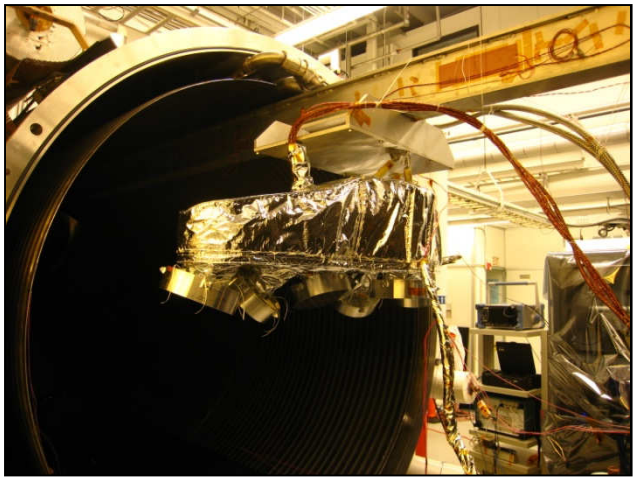

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