



# countdown

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## Shuttle, payload to meet at Launch Pad 39A

◆ **Shuttle Update:** The mission STS-118 payload was transported to Launch Pad 39A on Sunday and lifted into the payload changeout room. It will remain there until Space Shuttle Endeavour arrives on the pad. Endeavour was scheduled to roll out to the pad this morning beginning at 12:01 a.m.

◆ **ELV Update:** The launch of NASA's Dawn spacecraft was postponed Sunday to September after careful review by NASA's Science Mission Directorate officials, working with Dawn mission managers, the Dawn principal investigator, and with the concurrence of the NASA Administrator. Primary reasons for the move were a combination of highly limited launch opportunities for Dawn in July and the potential impact to launch preparations for the upcoming Phoenix Mars Lander mission, set for early August. A September launch for Dawn maintains all of the science mission goals a July launch would have provided.

■ **July 2007 Cardiovascular Disease (CVD) Screening** — The hours for screening are **7 to 9 a.m. on Wednesday** at the KSC Occupational Health Facility. No appointment is necessary. You must fast (water only) for 12 hours prior to screening. If you take prescription medications, ask your doctor how to manage these medications during your fasting.

The *two-page* CVD questionnaire

**Did You Know?** The Indian River Bridge will be reduced to one lane of traffic from 8:30 a.m. to 2 p.m. today and Wednesday.

forms can be picked up at any medical facility. The *updated* forms can also be downloaded from the SGS home page/forms at: <http://kscboc-forms/KSCForms2/ref/KSC28-1010V2.itr>. This form can be filled out online and then printed. In addition, the forms can be printed from a PDF version at: <http://hewp.ksc.nasa.gov/heart.cfm>. Please be sure to answer all the questions on the forms and **print each page separately**.

If you have any questions, please call 867-3414.

■ **NASA News** — NASA's Aeronautics Research Mission Directorate has amended its NASA Research Announcement, "Research Opportunities in Aeronautics 2007," to solicit additional research proposals for the Hypersonics project in several new areas.

The Hypersonics project will focus the research on some of the toughest challenges in the field. They include the development of materials for airframe and propulsion applications that can withstand severe temperatures for extended periods of time. Researchers also will look to develop predictive models for compressible flow, turbulence, heating, ablation, combustion, and their interactions.

Other research will focus on the creation of advanced control techniques for vehicles that fly in the hypersonic flow regime, as well as the generation of new experimental techniques that can be used to validate theoretical and computational models. In addition, the project seeks to develop propulsion systems that integrate high-speed turbine engines or

## Dawn launch moves to September

rockets and scramjets, and will tie together all of the close interactions among the airframe, inlet, nozzle and propulsion systems.

Specific evaluation criteria, deadlines and points of contact for these research topics and other project areas are available in the announcement at:

<http://nspires.nasaprs.com>.

For more information about the directorate, visit:

<http://www.aeronautics.nasa.gov>.

■ **Employees Should Exercise Caution When Entering Facilities During Wet Conditions** — KSC and CCAFS employees are reminded that many slips, trips or falls result from worn footwear and/or wet floor conditions. Please inspect and replace your shoes if they do not provide an adequate grip on walking surfaces. Flip-flop footwear is strongly discouraged. In addition, remember to walk slowly when entering facilities during or immediately after rain showers. Small areas of dampness or standing water on interior walking surfaces should be promptly cleaned up by employees who observe these areas, while larger areas should be promptly reported to the facility manager or custodian for immediate cleanup. For more information, contact Alan Zoellner, SA-E2, at 867-7554.

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