

Ripped from the ROUNDUP

Ripped straight from the pages of old Space News Roundups, here's what happened at JSC on this date:

1 9 7 0

The Apollo spacecraft command and service modules will be modified to enhance their potential use in an emergency mode.

The decision followed an extensive study of consumables and emergency equipment aboard the spacecraft as recommended by the Apollo 13 Review Board.

The modification includes adding a 400-amp-hour battery in the service module as an alternate power source in the event the spacecraft's main power supply failed. Provisions will be made to store an additional 20 pounds of water in the command module.

Earlier, a decision was made to add a third oxygen tank in the service module as part of the redesigned spacecraft oxygen system.

1 9 8 0

NASA television engineers at JSC are modifying an Air Force television camera for live, real-time TV transmission by crewmembers taking spacewalks outside the Space Shuttle Orbiter.

Like a third eye or miner's light mounted on the forehead, the camera is positioned in the astronauts' extravehicular visor assembly. It protrudes from the visor, seeing what he sees, and transmits black and white scenes back to a TV monitor for a crewmember in the spacecraft. Also it may transmit live back to Earth or record onboard for later replay.

1 9 9 0

Flight controllers at NASA's Jet Propulsion Laboratory lost and regained communication with Magellan a second time this week as scientists revealed startling photos from its first radar test pass.

Before the first communications loss occurred, scientists received their first look at Venus through Magellan's eyes. A test pass with the spacecraft's synthetic aperture radar revealed an unexpectedly "violent" surface with ridges, valleys, lava flows, volcanic craters and fracturing.

"Right now, I think that is just a crack in the door," said Steve Saunders, Magellan project scientist. "I'm looking through a little slit down at Venus and we're seeing some things we've never seen before."

Barton, Poulos first at JSC to receive Space Flight Awareness Leadership Awards

Richard L. Barton, chief, applied aeroscience and CFD branch, and Steve Poulos of the EVA Project Office, are the first at JSC to receive the coveted Space Flight Awareness Leadership Award.

Richard Barton

Frank Benz, director, Engineering, presented Barton with the award at a ceremony June 28. Barton was commended for his outstanding managerial leadership during his 35-year career at NASA. He was recognized for his strong management background and expertise in personnel management, as well as his support and guidance to his employees, leading them to their own great achievements by being proactive and empowering them.

"Rick models himself after the One Minute Manager," said Aldo J. Bordano, chief, Aeroscience and Flight Mechanics Division, "and encourages his employees to strive towards the doctrine illustrated within *The Seven Habits of Highly Effective People (Engineers)*. But he does not just preach these principles – he puts them into practice. His motto is 'Do the right thing!' Accordingly, he may be the most proactive person alive."

According to Bordano, Barton's career with NASA is laced with enthusiasm, leadership, innovation and employee appreciation.

"Rick firmly believes in awarding excellence, and has even devised an award of his own creation called the Top Ace that is given to the Branch employee(s) of the month for delivery of a product," explained Bordano.

"The award includes the use of his reserved parking space, a certificate and recognition in the presence of the awardees' peers. He has done this for more than 12 years."

Barton also has cultivated a creative and empowered environment among his ranks which has resulted in technical innovation and success. Bordano cites many examples where Barton's



NASA JSC Photo 2000e19534 by Robert Markowitz

Frank Benz and Richard Barton

pursued excellence and challenged employees to "strive for the next level." For instance, when the Orbiter was to visit Mir and the issue of reaction control system plume loads was raised, he reinvented his Branch and produced a world-class plume prediction capability.

Steve Poulos

Greg Harbaugh, manager, EVA Project Office, presented Poulos with his award August 1. Poulos' strong management background and leadership strengths also were recognized, as was his ability



Steve Poulos and Greg Harbaugh

to standardize processes within the organization and improve overall efficiency and function of the office.

"Steve established an atmosphere of open communication and developed the forums and standards for the EVA community to follow," said Harbaugh.

As the EVA Project Office deputy manager, Poulos assists in the final review and approval for all areas of EVA including safety, training, integration and operations, research and development for suits, systems, and support equipment and all EVA-related advanced technology.

Poulos is a proactive participant in numerous review teams across the center including the NBL Review Team, NBL Space Station Remote Manipulator System Review, secretarial staffing team, center director metrics team, and the Simplified Aid For EVA Rescue failure investigation after STS-86.

"[Poulos'] strong ability to look at the issues, weigh factors and make clear, concise decisions has made him an asset to these teams," said Harbaugh.

Also according to Harbaugh, after the STS-88 mission, Poulos was chartered to lead a center-wide team to define the root cause of the EVA hardware losses and corrective actions. Over a short time-frame, across multi-center elements, this team provided recommendations that were presented to EVA CCB and Station Development and Operations Meeting.

Barton and Poulos were presented with a commemorative trophy encasing a flown mission flag and an engraved plaque.

The SFA Leadership Award is a newly created award to recognize mid-level and higher managers, both NASA and contractor, who exemplify those characteristics necessary for success, such as loyalty, empowerment, accountability, diversity, excellence, respect, sharing, honesty, integrity and proactivity. ■

DATES & DATA

September 12

Aero Club meets: The Bay Area Aero Club meets at 7 p.m. at the Houston Gulf Airport clubhouse at 2750 FM 1266 in League City. For details contact Larry Hendrickson at x32050.

NPMA meets: The National Property Management Association meets at 11:30 a.m. at the Gilruth Center. For details contact Ray Whitaker at (281) 212-6030.

September 13

Astronomy seminar: The JSC Astronomy Seminar Club will meet at noon September 13 and 20 in Bldg. 31, Rm. 248A. For more information contact Al Jackson at x35037.

IAAP meets: The Clear Lake/NASA Chapter of the International Association of Administrative Professionals (formerly Professional Secretaries International) meets at 5:30 p.m. at Bay Oaks Country Club. Cost is \$16. For details and reservations, call Tami Barbour at (281) 488-0055, x238.

MAES meets: The Society of Mexican-American Engineers and Scientists meets at 11:30 a.m. in Bldg. 16, Rm. 111. For details contact Laurie Carrilo at x45203.

Spaceteam Toastmasters meet: The Spaceteam Toastmasters meet at 11:30 a.m. September 13, 20 and 27 at United Space Alliance, 600 Gemini. For details contact Patricia Blackwell at (281) 280-6863.

September 14

Airplane club meets: The Radio Control Airplane Club meets at 7 p.m. at the Clear Lake Park building. For more information contact Bill Langdoc at x35970.

Communicators meet: The Clear Lake Communicators, a Toastmasters International club, meet September 14, 21 and 28 at 11:30 at Wyle Laboratories, 1100 Hercules, Suite 305. For more information contact Allen Prescott at (281) 282-3281 or Richard Lehman at (281) 280-6557.

September 20

Scuba club meets: The Lunarfins meets at 7:30 p.m. For more information contact Mike Manering at x32618.

September 21

Directors meet: The Space Family Education board of directors meets at 11:30 a.m. in Bldg. 45, Rm. 712D. For more information contact Lynn Buquo at x34716.

September 28

Radio Club meets: The JSC Amateur Radio Club meets at 6:30 p.m. DATE at Piccadilly, 2465 Bay Area Blvd. For more information contact Larry Dietrich at x39198.

