

Chairman's Letter

John M. Trebes

Memories and passing the torch. That is how I saw our November dinner meeting.

Astronaut Deke Slayton shared his first-hand inside memories of the early U.S. space program and then zeroed in on the Apollo-Soyuz Test Project (ASTP). Deke was the Apollo Docking Module pilot on this historic 1975 joint Soviet-U.S. space flight mission. Did you know that the Soviet docking mechanism was built to metric dimensions and the U.S. mechanism to our English system? Tales of vodka, bourbon and borsch were told. I said "tales," didn't I? Only the borsch flew.

Vance Brand, who flew with Deke as the ASTP Command Module pilot, joined us later in the evening. Thanks for dropping in, Vance.

Some other notables seen were Max Faget, Joe Algranti, and Dr. Mike Duke. (All of you younger members can

ask some of the graybeards around you who these notables were.)

I was able to announce some late breaking news about major awards just being made to Dr. Mike Duke and the crew of STS-31. The details are reported elsewhere in this issue. Congratulations, Mike Duke, Loren Shriver, Charles Bolden, Steve Hawley, Bruce McCandless and Kathy Sullivan.

The torch was being passed, in my mind, as I noted and watched the several younger and new members in the audience. I feel a special reward as I notice our young members of this aerospace community attending our AIAA dinner meetings and functions. How about it, old space pros? Help pass the torch: invite a new hire to dinner.

See you in December.

Committee news

No news isn't good news

Lou Livingston
Editor

I note with dismay that this is the fourth issue of Horizons for the 1990-91 section year, and so far we have seen two (count 'em, two) reports of committee activity: one from the Space Transportation TC and one from the International Space Activi-

ties Committee. Come on, now; is that really all that happened in this very large section over a four month period? Have our committee activities been classified, and nobody told me?

It doesn't take very long for a committee chairperson, or a designat-

ed writer, to put a few words on paper (or diskette) and pass it along for the rest of the membership. You never know: you might even discover some interested people who wanted to get involved, but didn't know that anything was going on.

Horizons is the monthly newsletter of the Houston Section of the American Institute of Aeronautics and Astronautics. It is created by members of the Houston Section and reproduced at the Houston offices of Lockheed Engineering and Sciences Company. Please address all communications to Vice-Chairman of Operations, Charles Blacknall, MDSSC/T7E, telephone 283-1073.

In this issue.....

Chairman's Corner	1
Upcoming Events	1
From our Sister Sections	2
Also Included	3
Technical Activities Schedule	6
The Endless Summer	7
China Delegation Questionnaire	8

Who's Who in the Houston Section

AIAA national awards announced

John Trebes
Houston Section Chairman

AIAA has announced the presentation of the Haley Space Flight Award and the Space Science Award for 1991 to members of the Houston aerospace community.

The Haley Award goes to the crew of STS-31. Recipients are Charles Bolden, Jr., Steven A. Hawley, Bruce McCandless II, Loren J. Shriver and Kathryn D. Sullivan. The award recognizes "outstanding contribution of an astronaut or flight test personnel to the advancement of the art, science or technology of astronautics,

named in honor of Andrew G. Haley."

The citation for the award reads as follows: "for distinguished performance in the deployment of the Hubble Space Telescope on Mission STS-31 during April 1990. The professionalism has opened the door to new dimensions in science." The Space Science Award, "for distinguished achievements in studies of the physics of atmospheres of celestial bodies, or of the matter, fields and dynamic and energy transfer processes occurring in

space, or experienced by space vehicles," is presented to Dr. Michael B. Duke of JSC.

The citation reads as follows: "for his inspiration and leadership in the advancement of scientific knowledge and human exploration of the solar system."

Both awards include a medal, certificate of citation, and rosette pin. The presentation will be made on Tuesday, January 8, 1991 during the Awards Luncheon of the 29th Aerospace Sciences Meeting in Reno, Nevada.

Upcoming events

Colloquium to mark rendezvous anniversary

James Oberg

This month is the 25th anniversary of the first orbital rendezvous, performed by Gemini-6 on December 15, 1965. In honor of that achievement, which enabled a long parade of space successes from the lunar landing to the Skylab space station to the US/USSR handshake in orbit to the shuttle satellite repairs and retrievals, a special "Rendezvous Colloquium" will be held Friday, December 14, in the JSC Bldg. 2 auditorium. After an address by a keynote speaker from noon to 1:00, the afternoon will be filled with a series of talks by participants in early rendezvous design and operations.

The purpose of this activity is "knowledge capture" of the lessons learned from those days, as applicable to contemporary rendezvous operations and general spaceflight operations. Anyone with material to contribute is invited to take part.

The symposium is being sponsored by the new AIAA History Committee and is being organized by alumni of the rendezvous community. Interested individuals should contact Karen Johnson (office 282-3388, home 480-1213) or James Oberg (office 483-8014, home 337-2838), or write to them in care of Rockwell Space Operations, 600 Gemini, Houston 77529.



Technical activities schedule, December

Bill Best
Clear Lake Council of Technical Societies

1—Saturday

Society of Hispanic Professional Engineers
The Lake Nassau "S.H.a.P.E. UP" Run (5K and 1K)
Nassau Bay City Park 5K @ 8:00AM, 1K @ 9:00AM
Fees 5K-\$13, 1K-\$10 Proceeds Benefit S.H.P.E. Scholarship Fund
Information: Linda Burrows 333-9422

3—Monday

NASA Area Macintosh Users (Group) "NAMU"
Mac LC and IIsi Demo's by Sherrie Cox of Apple
RSOC Cafeteria 600 Gemini 7:00PM
Information: Sharyn Best 488-6522

4—Tuesday

Software Engineering Professional Education Center
Seminar
"Software Simulation Development Environment"
UH-CL Bayou Building 1-311
8:30AM-Noon Registration \$35.00
Information: 282-2223

5—Wednesday

Software Engineering Professional Education Center
Workshop "Legal Issues In Security"
Dr. Michael Genignani UH-CL
UH-CL Bayou Building 2-504
8:30AM-Noon Registration \$95.00
Information: 282-2223

5—Wednesday

IEEE, ISA, CLCTS VideoConference
"Fiber Optics Applications"
JSC Gilruth Center 10:00 to 2:00 PM
(\$60 Members/\$70 Otherwise)
Information: Andy Lindberg 483-1474

5—Wednesday

JSC Astronomy Seminar
"The Greenhouse Effect" Stephen Clifford, LPI
JSC Bldg 31 Rm 129 Noon—1:00PM
Information: Al Jackson 333-7679

11—Tuesday

Clear Lake Council of Technical Societies Monthly Meeting
Lockheed Plaza 3, 1150 Gemini 11:45AM
Information: Andy Lindberg 483-1474

12—Wednesday

JSC Astronomy Seminar, Open Discussion
JSC Bldg 31 Rm 129 Noon to 1:00 PM
Information: Al Jackson 333-7679

13—Thursday

IEEE Monthly Meeting
"Space Station Maintenance", Charles Price, NASA
JSC Gilruth Center 11:30/12:00 Noon
Information: Dr. Zafar Taqvi 333-6544

13—Thursday

AIAA Dinner Meeting
"Space Exploration: The Expansion of Human Knowledge", John Young, Special Assistant for Eng, Oper and Safety, JSC
JSC Gilruth Center 5:30/6:30/7:30PM
Information: Dr. Zafar Taqvi 333-6544

13—Thursday

Clear Lake SigAda Meeting
Speaker: Dr. Charles McKay
American Host Hotel 2020 E. NASA Rd 1
5:30/6:00/6:30 PM
Information: Tom Sullivan 333-5040

19—Wednesday

JSC Astronomy Seminar, Open Discussion
JSC Bldg 31 Rm 129 Noon to 1:00 PM
Information: Al Jackson 333-7679

20—Thursday

Clear Lake SigAda Business Meeting
Holiday Inn 1300 E. NASA Rd 1 11:45AM
Information: Tom Sullivan 333-5040

JANUARY, 1991

7—Monday

NASA Area Macintosh Users (Group) "NAMU"
"Mac Upgrades" Lincoln Henthorn Newbridge
Microsystems
RSOC Cafeteria 600 Gemini 7:00PM
Information: Sharyn Best 488-6522

16—Wednesday

IEEE Monthly Meeting "Update on The Hubble Space Telescope" Bert Bulkin, LMSC
JSC Gilruth Center 11:30/12:00 Noon
Information: Dr. Zafar Taqvi 333-6544

17—Thursday

Clear Lake SigAda Business Meeting
Holiday Inn 1300 E. NASA Rd 1 11:45AM
Information: Tom Sullivan 333-5040

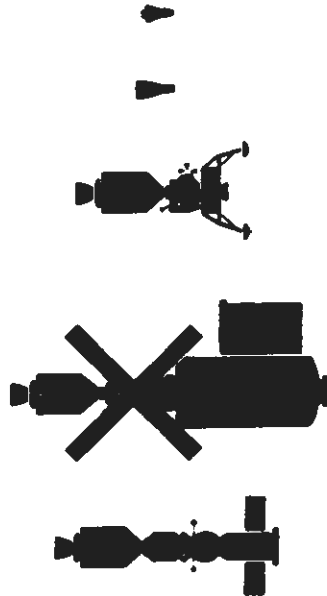
Please send additions, corrections and comments to:
Bill Best /R12A-130, Rockwell Shuttle Operations Co., 600
Gemini Ave., Houston, TX 77058, telephone 283-0261.

AIAA HOUSTON HORIZONS

OUTSTANDING SECTION AWARD



1975-1976
1976-1977
1979-1980
1980-1981
1981-1982
1983-1984
1986-1987
1988-1989

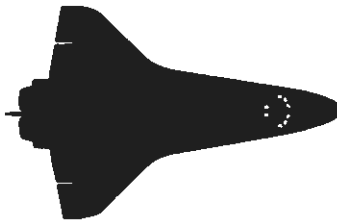


SECTION SPECIAL EVENT AWARD



1971-1972
1972-1973
1979-1980
1981-1982
1983-1984
1985-1986
1988-1989

AIAA HOUSTON
SECTION
P.O. BOX 57524
WEBSTER, TX 77598



Non-Profit Organization
U.S. POSTAGE PAID
Webster, Texas
Permit Number 1

300591872 B HO
Dr Larry J Friesen
League City TX 77573-4485

AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS

HOUSTON SECTION P.O. BOX 57524 WEBSTER, TEXAS 77598

Thursday, December 13, 1990

SPACE EXPLORATION: THE EXPANSION OF HUMAN KNOWLEDGE

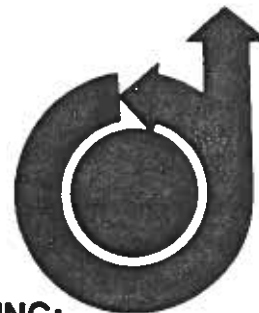
**JOHN W. YOUNG
SPECIAL ASSISTANT
FOR ENGINEERING, OPERATIONS
& SAFETY
JOHNSON SPACE CENTER**



**AIAA HOUSTON SECTION MEETINGS
ARE HELD AT THE JOHNSON SPACE CENTER
ROBERT R. GILRUTH RECREATION CENTER**

PRESENTER:

John Young entered the Navy upon graduation from Georgia Tech in 1952 with a B.S. in Aeronautical Engineering. After serving on a destroyer for 1 year, he was sent to flight training. He was then assigned to Fighter Squadron 103 for 4 years. He was assigned to the Naval Air Test Center for 3 years following test pilot training in 1959. In 1962, he was selected as an astronaut. He is the first person to fly in space six times. His flights include Gemini 3 in 1965, Gemini 10 in 1966, Apollo 10 in 1969, Apollo 16 in 1972, STS-1 in 1981, and STS-9 in 1983. In addition, he was also on five backup crews for Gemini and Apollo flights. He retired from the Navy as a Captain in 1976. In 1973 he was made chief of the Space Shuttle Branch of the Astronaut Office and in 1974 he was selected to be Chief of this office. He served in this capacity until 1987. He currently serves as Special Assistant to the Director of JSC for Engineering, Operations, & Safety. Still an active astronaut, he remains eligible to command future Shuttle crews. He has logged more than 11,400 hours flying time, including 835 hours in space.



DINNER MEETING:

**SOCIAL: 5:30
DINNER: 6:30
PROGRAM: 7:30**

MENU: Filet Mignon

**MEMBERS & SPOUSES \$9.00
NONMEMBERS \$12.00
STUDENTS/YOUNG MEMBERS \$8.00**

FRANKIE 333-6064 LOCKHEED	SANDY 845-0735 COLLEGE STATION	ARDEL 283-4214 McDONNELL-DOUGLAS	CARROLL 283-6000 EAGLE	SARAH 282-3160 BENDIX
--	---	---	---------------------------------------	--------------------------------------

**NOTE: THE DINNER RESERVATIONS DEADLINE IS MONDAY, DECEMBER 10, AT 12:00 NOON.
ANY CANCELLATIONS ARE REQUIRED PRIOR TO DEADLINE. NO-SHOWS WILL BE BILLED.
ALL ARE WELCOME.**

DINNER RESERVATIONS ARE NOT REQUIRED FOR ATTENDING THE PROGRAM ONLY.

