

NEWS

St. Louis SPACE FRONTIER

THE ST. LOUIS L-5 SOCIETY

Release No: SF84-7

FOR RELEASE: Immediately

21 September 1984

CONTACT: Gene Heitman
Phone No: 314/968-0389

ST. LOUIS SPACE CONFERENCE FEATURES FIRST COMMERCIAL ASTRONAUT;
TALKS ON SOVIET SPACE PROGRAM, PLANETARY EXPLORATION, MILITARY
USES OF SPACE, RETURN TO THE MOON, ETC.

On the weekend of October fifth through seventh, St. Louis Space Frontier will be holding the Gateway Space Development Conference '84 at the Holiday Inn-Westport. The Conference will feature several speakers, displays, and NASA films covering the many different aspects of the U.S. space program and the space programs of other nations.

Leading off the speakers is Charles Walker of McDonnell Douglas. Mr. Walker is the Chief Test Engineer for the Electrophoresis Operations in Space (EOS) Project which is designed to process human hormones in space for the treatment of diseases here on Earth. As part of his duties, Mr. Walker became the first commercial astronaut to fly in space when he flew on the recent Space Shuttle mission 41-D. He successfully operated the EOS hardware for a total of 83 hours during the six-day flight. Other speakers scheduled to appear include: Lt. Col. George Gibson of the U.S. Air Force Space Command on the organization's role and missions; St. Louis Space Frontier President and teacher Tom Becker on the Global Space Community and the

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GSDC '84 continued

recent White House Conference on Space Policy; Dr. Phil James from the Physics Department of Univ. of Missouri-St. Louis on America's future plans for exploring the planets; Rob Lewis of Washington University on why we should return to the Moon and mine its surface for oxygen; Mike Mackowski of McDonnell Douglas on the latest activities in the Soviet space program; Paul Czysz of McDonnell Douglas on plans for a transatmospheric vehicle and the role of what can fly with equal ease in either the atmosphere or outer space; and Ken Poe of the L-5 Society on organizing local space activities.

NASA movies covering the first lunar landing, the first shuttle flight, the Viking landers on Mars, the Gemini program, etc. will be shown during the Conference. Exhibits provided by St. Louis Space Frontier, the American Society for Photogrammetry, Scott AFB, McDonnell Douglas, and NASA will be on display along with Mercury astronaut Gordon Cooper's space suit. A hospitality suite for Conference attendees will also be open. The Holiday Inn-Westport, located at 1973 Craigshire near the intersection of Page and I-270 in West St. Louis county, is the site for all of the Conference activities.

St. Louis Space Frontier, the St. Louis chapter of the L-5 Society, is hosting the Conference to inform the public about the past, present, and future space activities and their benefits. The chapter is an organization of space professionals and space-oriented enthusiasts who got together to support and learn more about America's space efforts. Its membership is made up of engineers, teachers, students, and businessmen from the St. Louis area. For more information on the Conference please call 314/576-0098 or write to: Erv Baumann, Registrar, GSDC '84, P.O. Box 342, Hazelwood, MO 63042.

Sponsored by: St. Louis Space Frontier

Location: Holiday Inn-Westport
1973 Craigshire Rd.
St. Louis, MO 63146
Phone No: 314/434-0100

Registrar: Erv Baumann
P.O. Box 342
Hazelwood, MO 63042
Phone No: 314/576-0098

Registration & Cancellation deadline: Monday, October 1st.
Registration fee: \$20 per person
Saturday lunch: \$11
Saturday dinner: \$19
Room rates: \$48 per night plus tax

Schedule

Friday, Oct. 5

5:00 p.m. - Registration Desk, Hospitality Suite, Display and Movie Rooms open. All activities except for the Hospitality Suite will take place in the Canterbury Ballroom on the first floor, the Hospitality Suite will be on the second floor.

Saturday, Oct. 6

8:00 a.m. - Registration Desk, Hospitality Suite, Display and Movie Rooms reopen for the day. All speakers will also be in the Canterbury Ballroom.

9:00 a.m. - McDonnell Douglas astronaut Charles Walker talks about his recent flight aboard the Space Shuttle and the EOS program's purpose.

10:00 a.m. - Dr. Phil James of UMSL talks about the future of America's planetary exploration program.

10:00 a.m. - Tom Becker discusses the September seventh White House Conference on Space Policy.

11:30 a.m. - Luncheon speaker Michael Mackowski of McDonnell Douglas discusses the Soviet space program and its version of America's space shuttle.

1:30 p.m. - Tom Becker will talk about the Global Space Community covering the space programs of China, India, Japan, etc.

1:30 p.m. - L-5 Society Chapters Coordinator Ken Poe will tell how to organize local space activities.

2:50 p.m. - Rob Lewis of Washington University discusses plans for a lunar mining base.

4:10 p.m. - Lt. Col. George Gibson of the Air Force Space Command from Peterson Air Force Base in Colorado will discuss Space Command's role and mission.

7:00 p.m. - Dinner speaker Paul Czysz of McDonnell Douglas discusses the Transatmospheric Vehicle program.

Sunday, Oct. 7

8:00 a.m. - Hospitality Suite, Display and Movie Rooms reopen until 12 noon.

NEWS

St. Louis SPACE FRONTIER

THE ST. LOUIS L-5 SOCIETY

Release No: SF84-3

FOR RELEASE: Immediately

CONTACT: Gene Heitman
513 Selma Avenue
St. Louis, MO 63119
Phone No: 314-968-0389

GATEWAY SPACE DEVELOPMENT CONFERENCE '84 ANNOUNCED.

St. Louis Space Frontier, the St. Louis chapter of the L-5 Society, has announced their plans for a regional space conference to be held October 5th through 7th at the Holiday Inn near Westport Plaza. The Gateway Space Development Conference '84 is an event intended to inform the public about past, present, and future space activities and their benefits. In the twenty seven years since the start of the space age America has sent twelve men to walk on the surface of the Moon and has sent its robot explorers to visit every planet known to the ancients. During the weekend there will be several speakers, displays, movies, and discussions on the space program. Some of those scheduled to speak include: Michael Mackowski, an engineer with McDonnell Douglas Astronautics, on the Soviet space program; Thomas Becker, President of St. Louis Space Frontier, on the global space community; Ken Poe, L-5 Society Chapters Coordinator, on organizing local space activities; and Paul Czysz, Program Manager of Transatmospheric Vehicles at McDonnell Douglas, on the military uses of advanced space vehicles. Registration for this event is \$15 per person before

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SPACE CONFERENCE cont.

September 1st, and \$20 per person thereafter.

St. Louis Space Frontier is an organization of space professionals and space-oriented enthusiasts who have gathered together to support, and learn more about, America's space program. Its membership is made up of engineers, teachers, students, businessmen, and anyone else from the St. Louis area who expresses an interest in the U.S. space program, or the program of any other nation. St. Louis Space Frontier meets at 7:30 p.m. on the last Wednesday of each month at the St. Louis County Library Thornhill Branch at the intersection of Fee Fee Road and Willowyck in Creve Coeur. At each meeting a guest speaker presents a program relating to space exploration and development.

For more information on the Gateway Space Development Conference '84, or St. Louis Space Frontier, please call 314-576-0098 or write Erv Baumann, Registrar, GSDC '84, P.O. Box 342, Hazelwood, MO 63042.

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St. Louis SPACE FRONTIER

THE ST. LOUIS L-5 SOCIETY P.O. BOX 342, HAZELWOOD, MO 63042

5 July 1984

Dear L-5 Society Chapter Presidents:

On the weekend of October 5 - 7, 1984, St. Louis Space Frontier will be hosting the Gateway Space Development Conference. This event is planned as a regional convention for members of the L-5 Society and the general public. This is not meant as competition for the national L-5 conference, but as a complement providing a get together for those who didn't attend the national conference because of the distance involved or because it was the wrong time of year. Because St. Louis is centrally located and the conference is exactly six months after the San Francisco conference and six months before the Washington conference, we feel that our conference will be convenient for a great many of your members.

We are planning for the attendance of approximately 150 to 200 people. We will have a total of eight speakers, all of whom will talk on Saturday, October 6th. We have two confirmed talks on the Soviet space program and on the global space community. L-5 Chapters Coordinator Ken Poe will also conduct an officers workshop for L-5 Society chapter officers. Also planned are a hospitality suite, a vendor display room, and showings of various NASA movies.

Enclosed are a copy of the registration form along with some ads which we ask that you place in your local newsletter between now and the conference. Please feel free to make any copies of the registration form which you may need.

If you would like more information on the conference, or you have suggestions for speakers, please contact one of us at the addresses and phone numbers below.

Thank you for your consideration.

Sincerely,

Gene Heitman
513 Selma
St. Louis, MO 63119
Phone: 314-968-0389

Erv Baumann
2348 Wesford Drive
Maryland Heights, MO 63043
Phone: 314-576-0098

GATEWAY SPACE DEVELOPMENT CONFERENCE '84

OCTOBER 5-7, 1984

HOLIDAY INN - WESTPORT

FEATURING: HOSPITALITY SUITE
VENDOR DISPLAY ROOM
NASA MOVIES
L-5 OFFICERS' WORKSHOP



FULL PROGRAM OF SPEAKERS:

THOMAS BECKER of The St. Louis Space Frontier
"The Global Space Community"

CHARLIE WALKER, McDonnell Douglas Astronautics
"STS 41-D Mission Report"

PAUL CZYSZ, McDonnell Aircraft Company
"The Transatmospheric Vehicle"

MICHAEL MACKOWSKI, McDonnell Douglas Astronautics
"The Record-Setting Soviet Space Program"

KEN POE, L-5 Society Chapters Coordinator
"Organizing Local Activities"

HOTEL ACCOMODATIONS

The Gateway Space Development Conference '84 will take place at the beautiful Holiday Inn - Westport at 1973 Craigshire near the intersection of I-270 and Page. Room rates will be \$48 per night plus tax per room for any number of people. The hotel can be contacted by calling (314) 434-0100 or by writing: Holiday Inn - Westport, 1973 Craigshire, St. Louis, MO 63146.

GATEWAY SPACE DEVELOPMENT CONFERENCE '84 REGISTRATION

Mail this form and your check to: Erv Baumann, Registrar GSDC '84, P.O. Box 342, Hazelwood, MO 63042. Phone (314) 576-0098. Make checks payable to *St. Louis Space Frontier*.

Name _____

Address _____

City _____

State _____ Zip _____

REGISTRATION FEE (\$20.00) \$ _____

SATURDAY LUNCHEON (\$11.00) \$ _____

SATURDAY DINNER BUFFET (\$19.00) . . . \$ _____

TOTAL ENCLOSED \$ =====

Sponsored by:
*St. Louis Space Frontier,
the St. Louis Chapter of
the L-5 Society*

The deadline for accepting conference registrations by mail is October 1. This is the date for all cancellations as well.