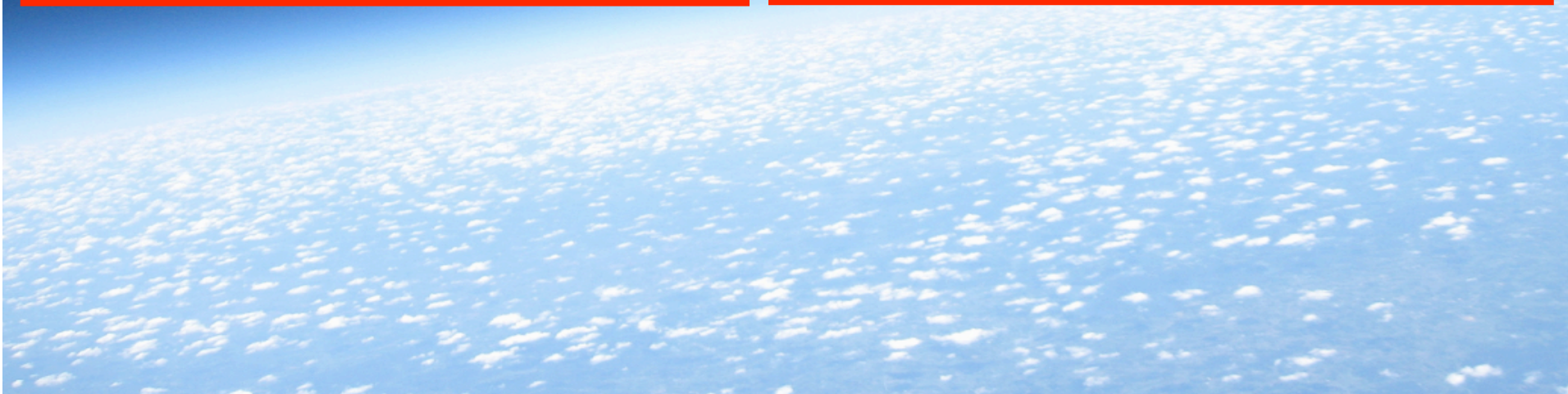




NSRC Payload Specialist Panel

Alan Stern





Thoughts on PS Roles in Suborbital Spaceflight

- AN ERA OF ROUTINE SUBORBITAL SPACEFLIGHT IS RAPIDLY APPROACHING.
- RESEARCH & EDUCATION MISSIONS (REM) WILL BE AN IMPORTANT MARKET SEGMENT IN THAT ERA.
- MANY EXPERIMENTS WILL REQUIRE HUMAN TENDING OR PARTICIPATION.
- THAT MEANS WE'LL NEED SUBORBITAL PAYLOAD SPECIALISTS (SPS'S), AT FIRST BY THE DOZENS, BUT LATER BY THE HUNDREDS.



Thoughts on PS Roles in Suborbital Spaceflight

➤ WHAT KINDS OF REM SPS'S SHOULD WE EXPECT TO SEE IN THE NEXT FEW YEARS?

➤ PIs/CoIs

➤ GRAD STUDENTS

➤ EDUCATORS

➤ TEST SUBJECTS

➤ PROFESSIONAL SPS'S (I.E., FEE FOR SERVICE ASTRONAUTS)



Thoughts on PS Roles in Suborbital Spaceflight

➤ AND WHAT SPECIAL ISSUES DO I SEE FOR SPS'S?

- UNIQUE TRAINING NEEDS (FIRST TIME AND RECURRENT)
- MEDICAL CERTS (FIRST TIME AND RECURRENT)
- INSURANCE NEEDS
- UNIQUE FLIGHT EQUIPMENT NEEDS
- SHARED LESSONS LEARNED