

TENTATIVE AGENDA

GEMINI SUMMARY CONFERENCE

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
MANNED SPACECRAFT CENTER
Houston, Texas

Auditorium, Building 1

February 1 and 2, 1967

Wednesday, February 1

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|---------------|---|---------------------------------|
| 9:00 - 9:10 | <u>WELCOMING ADDRESS</u> | Dr. Robert R. Gilruth |
| 9:10 - 9:30 | <u>CONFERENCE INTRODUCTION</u> | Dr. George E. Mueller |
| | <u>SPACE ORBITAL MANEUVERING SESSION</u> | Charles W. Mathews,
Chairman |
| 9:30 - 10:10 | 1. <u>Review and Summarization of Rendezvous Operations</u>
Wyendell B. Evans and Marvin R. Czarnik
(McDonnell) | |
| 10:10 - 10:45 | 2. <u>Ground Monitoring and Control of Rendezvous</u>
Edward L. Pavelka, Edgar C. Lineberry,
and Warren J. Kennedy (Lockheed) | |
| 10:45 - 11:00 | <u>INTERMISSION</u> | |
| 11:00 - 11:35 | 3. <u>Onboard Operations for Rendezvous</u>
Astronaut Edwin E. Aldrin, William E. Hayes
(McDonnell), and Paul C. Kramer | |
| 11:35 - 12:10 | 4. <u>Operational Characteristics of the Docked Configuration</u>
Homer W. Dotts, Roger K. Nolting (McDonnell),
Wilburne F. Hoyler, John R. Havey (McDonnell),
Thomas F. Carter, and Robert T. Johnson
(Lockheed) | |

12:10 - 12:45

5. Operations with Tethered Space VehiclesDavid D. Lang, Muhammed A. Rahman, and
Roger K. Nolting (McDonnell)

12:45 - 1:45

LUNCHMAN'S ACTIVITIES IN SPACE SESSIONKenneth S. Kleinknecht,
Chairman

1:45 - 2:15

1. Summary of Gemini Extravehicular Activity (EVA)Reginald M. Machell, Larry E. Bell,
James W. Prim, and Norman P. Shyken
(McDonnell)

2:15 - 2:45

2. Life Support Systems for EVAHarold J. McMann, Frederick T. Burns,
Elton M. Tucker, and Marshall W. Horton

2:45 - 3:15

3. Body Positioning and RestraintsDavid C. Schultz, Hilary A. Ray,
Astronaut Eugene A. Cernan, and
Antoine F. Smith

3:15 - 3:30

INTERMISSION

3:30 - 4:00

4. EVA Maneuvering About Space VehiclesHarold I. Johnson, Astronaut Michael Collins,
Astronaut Edward H. White, and William C. Huber

4:00 - 4:30

5. Medical Results of Gemini EVA

D. Owen Coons, M.D., and G. Fred Kelly, M.D.

Thursday, February 2

OPERATIONAL EXPERIENCE SESSION

Dr. Christopher C. Kraft, Jr.,
Chairman

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| 9:00 - 9:30 | 1. <u>Environmental Conditions at High Orbital Altitudes</u>
Joseph C. Lill, Peter W. Higgins, and
Timothy T. White |
| 9:30 - 10:00 | 2. <u>Controlled Reentry</u>
Jon C. Harpold, William H. Hamby,
Astronaut Neil A. Armstrong, and
Steven G. Paddock (McDonnell) |
| 10:00 - 10:30 | 3. <u>Department of Defense Support of Gemini</u>
Col. Alfred J. Gardner and Col. Royce G. Olson |
| 10:30 - 10:45 | <u>INTERMISSION</u> |
| 10:45 - 11:15 | 4. <u>Gemini Results as Related to the Apollo Program</u>
Willis B. Mitchell, Owen E. Maynard, and
Donald D. Arabian |
| 11:15 - 12:00 | 5. <u>Pre-Gemini Medical Predictions Versus Gemini
Flight Results</u>
Charles A. Berry, M.D., and
Allen D. Catterson, M.D. |

GEMINI ONBOARD EXPERIMENTS ACTIVITIES

Robert O. Piland,
Chairman

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| 12:00 - 12:30 | 1. <u>Summary of Gemini Experiments Program</u>
Norman G. Foster and Olav Smistad |
| 12:30 - 1:30 | <u>LUNCH</u> |
| 1:30 - 2:15 | 2. <u>Space Photography</u>
Richard W. Underwood |

2:15 - 3:00

3. Experiments Results SummaryDr. Jocelyn R. Gill, Col. Wilbur A. Ballentine,
and Robert O. Piland

3:00 - 3:15

INTERMISSION

3:15 - 3:45

4. Astronaut Flight ExperienceAstronaut Thomas P. Stafford and
Astronaut Charles Conrad, Jr.

3:45 - 4:15

SUMMARIZATION OF GEMINI PROGRAM

Charles W. Mathews