

APOLLO 201 NEWS CENTER
NASA Manned Spacecraft Center
Houston, Texas

NEWS RELEASE NO. 1

February 23, 1966

SUBJECT: Apollo/Saturn 201 Flight Controller and Recovery Assignments

HOUSTON, TEXAS -- Real-time, in-flight analysis of the trajectory and spacecraft systems will be the flight control function of the Mission Control Center, Houston, during the Apollo/Saturn 201 unmanned suborbital flight.

This analysis will be accomplished through use of facilities of the Air Force Eastern Test Range augmented by tracking from the Rose Knot tracking ship.

The MCC-H and other sites will be staffed by flight controllers and other personnel during the flight in much the same manner as past manned flights.

However, there are fewer tracking stations, the flight surgeon's console will not be manned, and no astronauts will be assigned duty at consoles in the Mission Operations Control Room (MOCR). Only a one shift operation will be required during this Apollo flight.

Brig. Gen. C. H. Bolender (biography attached) will serve as the Apollo/Saturn 201 mission director. He will handle his duties from the Mission Control Center, Houston, which has direct responsibility for mission success from the final countdown through spacecraft recovery.

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In case of a communications failure or if time does not permit direct and detailed control from the MCC-H in final phases of the flight, control responsibility will revert to the command communicator aboard the tracking ship Rose Knot.

If an onboard failure occurs, certain vehicle functions will be initiated using remoted facilities of the MCC-H or the tracking ship. This command capability is applicable only in assisting certain gross maneuvers and does not provide a complete command control backup of all spacecraft functions.

Assignments for the AS 201 mission for the MOCR will be:

Flight Director: Glynn S. Lunney, 29, was born in Old Forge, Pa. He received his BS degree in aeronautical engineering from the University of Detroit. Lunney joined NASA's predecessor NACA in August 1955. Real-time inflight analysis of the Apollo 201 mission as associated with mission trajectory and vehicle systems will be under the direction of Lunney during the flight. Inflight command control of certain functions will be initiated under Lunney's direction from the MCC-H in the event of onboard failures.

Assistant Flight Director: Lawrence S. Canin, 30, was born in Brooklyn, N. Y. He received a BS degree in electrical engineering in 1962 from Los Angeles State College and joined NASA in March 1965.

Operations and Procedures: John H. Temple and Herbert E. Porter. Temple, 25, was born in Miami, Fla. He has a BS degree in aerospace

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engineering from the University of Texas in 1963, and joined NASA in June 1963. Porter, 25, was born in Hansboro, N. D., and received his BS degree in Mechanical engineering from North Dakota State in 1963. He joined NASA in December 1964.

Booster Systems Engineer: Charles W. Casey (No. 1) and Dexter H. Burdeshaw (No. 2). Casey, 33, was born in Rome, Ga., and received his BS degree in physics from North Georgia College in 1955. He joined NASA in July 1960. Burdeshaw, 34, was born in Birmingham, Ala., and received a BS degree in mathematics and physics from Howard College in Birmingham. He joined NASA in January 1961.

Electrical, Environmental and Communications Systems Engineers (EECOM): David B. Pendley, 40, was born in Hackensack, N. J. He received a BS degree in engineering science from the University of Miami in 1949. He joined NASA in November 1961.

Guidance, Navigation and Communications (GNC) Engineer: Louis A. DeLuca, 39, was born in Detroit, Mich. His major area of study was in engineering and mathematics and he joined NASA in October 1962.

Systems Backup: John P. Meszaros, 34, was born in San Antonio, Tex. He received his BS degree in aeronautical engineering from the University of Texas in 1958, and joined NASA in September 1962.

Retrofire Officer: Charles F. Deiterich, 27, was born in Mahoning, Pa. He received his BA degree in physics and mathematics

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in 1960 from the University of St. Thomas, Houston. He joined NASA in August 1964.

Yaw Guidance Officer: George F. Guthrie, 34, was born in Norristown, Pa. He received a BS degree in aeronautical engineering from Pennsylvania State University, and joined NASA in April 1959.

Pitch Guidance Officer: Granville E. Paules, 28, was born in Columbia, Pa., and received a BS degree in electrical engineering from the University of Texas in 1960. He joined NASA in September 1964.

Network Controller: Andreus A. Piske and Richard G. Ayers. Piske, 32, an Air Force captain, was born in Metairie, La. He is a U.S. Naval Academy graduate and received his MS degree in aeronautical engineering from the Air Force Institute of Technology. Ayers, 29, was born in Raton, N. M. He is a graduate of the University of Arizona and is a lieutenant in the U.S. Air Force.

Support Control Coordinator: John F. Childress, 24, was born in Tyler, Tex., and received his BS degree in mathematics from Lamar Tech in Beaumont, Tex. He joined NASA in June 1963.

Maintenance and Operations (M&O) Supervisor for the mission is R. B. Cagel.

Public Affairs Officer for AS 201 mission commentary will be Paul Haney.

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Staff Support Room (SSR) assignments for the AS 201 mission in the Mission Control Center, Houston:

Flight Dynamics SSR: Maurice G. Kennedy, James M. Payne, John G. Renick, and Willard S. Presley.

Vehicle Systems SSR-CSM: Seymour A. Liebergot, Myles E. Franklin, Donald Turcola, Joe R. Perry, Joseph E. Borches, and Alfred P. Sanders.

Vehicle Systems SSR-Booster: Frances E. Dagenais, Gordon V. Doolittle, John W. Smith, and William H. Shook.

Operations and Procedures SSR: Wayne W. Buford, H. Russel Goodwin, and Edward Beatty.

Flight Crew SSR: Jeremy B. Jones, William M. Anderson, David C. Schultz, K. McClung, and Michael K. Lake.

RTCC Computer Controllers for the AS 201 mission in the MCC-H are: Henry Howell and Gene Carlow, computer supervisors; Bailey L. Corbett and Larry J. Dungan, data select; James H. Summers and B. L. Brady, computer dynamics; James R. Roundtree and Rich Harrington, computer telemetry; and C. Boline, operational readiness and confidence testing.

Rose Knot tracking ship assignments for the AS 201 mission are:

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Spacecraft Communicator: Perry L. Ealick and Stuart M. Present. Ealick, 28, was born in Ponca City, Okla. He received a BS degree in electrical engineering and mathematics from the U.S. Naval Academy in 1959 and joined NASA in July 1964. Present, 35, was born in Brooklyn, N. Y. and received a BS degree in civil engineering from the University of Wisconsin in 1962. He joined NASA in August 1963.

Guidance, Navigation and Communications: Briggs N. Willoughby, 31, was born in Shamrock, Tex. He received a BS degree in engineering and physics from the University of Colorado in 1963 and joined NASA in September 1964. GNC backup is Howell B. Wong.

EECOM: William L. Blair.

S-IVB: Myron C. Hayes.

The NASA Recovery Coordinator, in the Recovery Control Room in MCC, Houston, will be Robert F. Thompson. Thompson, 40 was born in Bluefield, Va., and received a BS degree in aeronautical engineering from Virginia Polytechnic Institute. He is responsible to the flight director for coordination of all recovery activities. Assisting in the RCR, Houston will be Donald E. Stullken, assistant coordinator; J. O. Saylor and John E. Hoover, display; R. Wayne Empey and Jerry E. Hoisington, evaluators; and Joe R. Vice, status.

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Recovery assignments onboard ships: William B. Wood and Steve Ellis, DD USS Wilson, station 1; W. J. Stork, DD USS Waldron, station 2; William G. Robinson, DD USS Ingram, station 3; Warren H. Glenn, AO USS Kaskaskia, station 4; Coye Mac Jones, DD USS Turner, station 5; and the LPH USS Boxer, station 6, John C. Stonesifer, Thomas E. Holt, William R. Chase, Lonnie D. Thomas, Donald G. Morris, and Roderick S. Bass (Safing Team).

Other remote assignments: Dale E. Moore, Dakar; Frederick C. Sponholz, Bermuda; William A. Middleton, Alan F. Myers, Milton L. Windler, and Edward C. Bullock, Ascension.

Recovery Control Room at Cape Kennedy: Harold E. Granger, coordinator; Robert L. Tweedie, safing team; Ryborn R. Kirby, Carter F. Yeatman, and Harold V. Neher, Central Control (Cape).

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APOLLO 203 NEWS CENTER

NEWS RELEASE

SUBJECT: Apollo Saturn 203 Flight Controller Assignments

HOUSTON, TEXAS---The Mission Control Center, Houston, and other sites will be staffed during the Apollo/Saturn 203 mission by flight controllers and other personnel from the NASA Manned Spacecraft Center and Marshall Space Flight Center.

Because of the short duration of the AS203 mission, only one team of flight controllers will be necessary. No recovery people will be assigned to this mission as no recoverable vehicle is on this flight.

Real-time in-flight analysis of the mission as associated with trajectory and vehicle systems will be the flight control function of the MCC-H as augmented by the various tracking sites around the world.

Mission direction of the AS203 mission will be provided by Mission Director Capt. Roderick O. Middleton, USN, at the MCC-H throughout the mission. Middleton is on assignment to NASA from the U.S. Navy, as deputy director of Mission Operations, Office of Manned Space Flight, NASA Headquarters and

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as a special assistant to the Apollo Program Director, NASA Headquarters. He joined NASA in October 1965. Middleton was born in Pomona, Fla. He attended Florida Southern and is a 1941 U.S. Naval Academy graduate. He was awarded a master of science degree from Harvard University in 1946.

Flight Director: John D. Hodge, 37, was born in Essex, England. He received a BS degree in engineering from the University of London. Hodge joined NASA in April 1959. As director of the AS203 mission, Hodge will be responsible for detailed control of the flight, for the implementation of mission objectives and for making decisions which might change the flight plan and mission rules on an as-necessary basis.

Assistant Flight Director: Stuart M. Present, 36, was born in Brooklyn, N.Y. He was graduated from the University of Wisconsin with a BS degree in civil engineering and joined NASA in August 1963. During the flight, he will assist the flight director in the detailed control of the mission and assume full responsibility during the absence of the flight director from the control room.

Flight Director's Experiment Representative: Gordon Platt, 31, was born in Pratt, Kan. He has a BS in mechanical engineering from Kansas State and an MS degree from the University of Alabama.

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He joined NASA, Marshall Space Flight Center (MSFC) in July 1960. Platt will advise the flight director as required on the experimental AS203 mission. He is the senior MSFC representative present at MSC for the mission.

Operations and Procedures Officers for the mission will be Merril A. Lowe, Herman R. Goodwin and Louis E. Mercier. They will be responsible to the flight director for detailed implementation of the MCC/GOSS (ground operational support systems); implementation of remote site flight controller scheduling and operation; flight controller communication network discipline; and monitoring all mission control teletype traffic.

Lowe, 42, was born in Hunter, Mo. He was graduated from Washington University, St. Louis, with a BS degree in civil engineering. He joined NASA in May 1964.

Goodwin, 24, was born in Elk City, Okla. He was graduated from Southwestern State College, Weatherford, Okla. with a BS degree in mathematics and physics. He joined NASA in June 1964.

Mercier, 35, was born in Kansas City, Kan. He was graduated from the University of Kansas City with a BS degree in physics. He joined NASA in December 1964.

Booster Systems Engineer No. 1: Charles W. Casey, 33, was born in Rome, Ga. He has a BS degree in physics from North

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Georgia College, Dahlonega, Ga. He joined NASA (MSFC) in July 1960. He will be responsible to the flight director for monitoring the SLV propulsion system, propellant containers and pressurization systems.

Booster Systems Engineer No. 2: Dexter H. Burdeshaw and Robert K. Wolf will be responsible for monitoring and evaluating the status of the SLV digital computer system, guidance and navigation system, attitude control system and sequential system.

Burdeshaw, 28, was born in Birmingham, Ala. He was graduated from Howard College, Birmingham, Ala. with a BS degree in mathematics and physics. He joined NASA (MSFC) in January 1961.

Wolf, 36, was born in Yonkers, N.Y. He received a BS degree in mechanical engineering from Purdue University. He joined NASA (MSFC) in September 1962.

Experiments Systems Engineer: Carl D. Arnett, 28, was born in McArthur, Ohio. He received a BS degree in mechanical engineering from Ohio University. He joined NASA (MSFC) in June 1960. He will be responsible to the flight director for monitoring the experiments systems and for initiating necessary commands in the event of systems failures.

Flight Dynamics Officer: Maurice G. Kennedy, 25, was born in Cameron, Tex. He was graduated from the University of

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Texas with a BS degree in aerospace engineering. He joined NASA in February 1965. He will be responsible to the flight director for monitoring the powered flight phase of the mission, orbital events, and trajectories from the standpoint of mission success.

Guidance Officer: Granville E. Paules, 29, was born in Columbia, Pa. He was graduated from the University of Texas with a BS degree in electrical engineering. He joined NASA in September 1964. He will be responsible to the flight director for monitoring guidance, sequential and propulsion systems.

Network Controllers: Ernest L. Randall and George T. Jenkins will be responsible to the flight director for capability of the network instrumentation required to support the flight.

Randall, 30, was born in Oklahoma City, Okla. He has a BS degree in chemistry from East Central State College, Ada, Okla. He joined NASA in June 1963.

Jenkins, 29, was born in Norfolk, Va. He received a BS degree in aeronautical engineering from Georgia Tech. He joined NASA in September 1962.

Support Control Coordinator for the mission will be John F. Childress.

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Maintenance and Operations Supervisors for the AS203 mission will be Ronald B. Cagle, John W. Collins, Douglass R. Wilson, and Clifton W. Phillips.

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Mission Operations Control Room Assignments

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|---|---|
| Flight Director | John D. Hodge |
| Flight Director's Experiment Representative | Gordon Platt (MSFC) |
| Assistant Flight Director | Stuart M. Present |
| Operations and Procedures | Merril A. Lowe, Herman R. Goodwin, Louis E. Mercier |
| Booster Systems Engineer No. 1 | Charles W. Casey |
| Booster Systems Engineer No. 2 | Dexter H. Burdeshaw, Robert K. Wolf |
| Experiments System Engineer | Carl D. Arnett (MSFC) |
| Flight Dynamics Officer | Maurice G. Kennedy |
| Guidance Officer | Granville E. Paules |
| Network Controller | Ernest L. Randall, George T. Jenkins |
| Support Control Coordinator | John F. Childress |
| M and O Supervisor | Ronald B. Cagle, John W. Collins, Douglass R. Wilson Clifton W. Phillip |
| Public Affairs Officer | Albert M. Chop |
| Photographic Support | Andrew R. Patnesky, Louis M. Kidd |

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Staff Support Room Assignments

Flight Dynamics SSR:

(To be assigned)

Vehicle Systems SSR (CSM)

N/R

Vehicle Systems SSR (Booster):

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| PSS | Richard E. Holmen; |
| GND | William H. Shook; |
| ENS | John A. Smith; |
| ACS | Miles R. Robinson. |

O and P SSR:

| | |
|-----------------------------|--|
| Requirements Change Control | Richard L. Brown, Lawrence C. Bourgeois, Carrol D. Buford; |
| Command Support | Joseph P. Vick; |
| TLM Support | Charles E. Swearingen; |
| Secretary | Connie R. Turner. |

Network SSR:

(To be assigned)

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RTCC Computer Controllers

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|-----------------------|--|
| Complex Supervisor: | Roger Forte/Neil Hutchinson/John C. Koester |
| Data Select (Launch): | Bailey L. Corbett/Richard L. Morrison/ Larry L. Gourley |
| Data Select (Orbit): | Robert A. Folk/Robert D. Allen/James A. Helr |
| Computer Dynamics: | James H. Summers/Buford L. Brady/ David B. Cary/Samuel B. Crossland |
| Computer Telemetry: | Jimmy E. Beaves/Homer Embry/Douglas B. Speer Jack B. Stevenson/James L. Powel |
| Computer Command: | James H. Dobbins/Edward J. Zatopek/ Freddie R. Heath/John C. Broughton |
| Printer: | Charles T. Jacobsen/Carl L. Smith |
| Executive: | Walter Lingo/Robert G. Bleisner |

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Remote Site Assignments

KSC (Kennedy Space Center)

ESE (Experiment Systems Engineer) Franklin L. Van Rensselaer

BDA (Bermuda)

ESE Frank E. Swalley,
William F. Nelson,
(John D. Schweikle, Douglas
Aircraft)

CapCom Perry L. Ealick

TEX (Texas)

ESE Jarold L. Vaniman,
(Russel T. Nehr, Douglas
Aircraft)

CRO (Carnarvon)

CapCom Arda J. Roy

S-IVB Myron C. Hayes (IBM)

ESE Charles E. Mundie
(Ronald A. Ammons, Douglas
Aircraft)

CYM (Guaymas)

CapCom Lawrence S. Canin

S-IVB Roy E. Day (IBM)

ESE William M. McCumber
(Douglas Aircraft)

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GEMINI 10 NEWS CENTER

HOUSTON, TEXAS

NEWS RELEASE NO. 3

July 13, 1966

SUBJECT: Gemini 10 Flight Controllers

HOUSTON, TEXAS -- Manned space flight controllers in the Mission Control Center, Houston (MCC-H) for the Gemini 10 mission will be on a three shift basis with two prime flight directors.

The three shifts will normally break about every eight hours. The relief team of flight controllers will come on duty about one hour prior to the shift change time and this overlap of shifts will provide the team going off an opportunity to brief the relief team.

Mission Director for Gemini 10 will be William C. Schneider, with responsibility for overall conduct of the flight. He will be supported during the mission period by Department of Defense, contractor, NASA and other personnel. Schneider is deputy director, mission operations, Office of Manned Space Flight, NASA Headquarters.

Department of Defense support of the mission will be headed by Air Force Lt. Gen. Leighton I. Davis, manager of the National Range Division and DOD manager for Manned Flight Support Operations. DOD support includes launch services at Cape Kennedy, tracking facilities and necessary forces for recovery operations.

Schneider's command staff for the Gemini 10 mission will also include weather and public affairs people. U.S. Weather Bureau personnel at a number of locations including Cape Kennedy, MCC-H, and Honolulu, Hawaii, will be responsible for keeping the mission director advised of weather conditions along the ground track of the flight during preflight, flight and postflight periods. The public affairs team assisting the mission director is headed by Paul Haney, MSC Public Affairs Officer. Haney and his assistants

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will be responsible for relaying to the news media representatives all vital information concerning the flight.

Christopher C. Kraft, Jr., director for Flight Operations at the Manned Spacecraft Center, will be in the MCC-H during major phases of the flight in his capacity as head of flight operations at MSC. Kraft was flight director for the Project Mercury flights and was flight director for Gemini flights one through seven.

Kraft, 42, was born in Phoebus, Va. He was graduated from Virginia Polytechnic Institute with a bachelor of science degree in aeronautical engineering and has been with NASA and its predecessor NACA (National Advisory Committee for Aeronautics) since January 1945.

Flight directors for Gemini 10 are Glynn S. Lunney and Clifford E. Charlesworth. They will head the two shifts that handle the major phases of the flight and be responsible for detailed control of the Gemini 10 mission. Lunney and/or Charlesworth will sleep in the facility provided for key personnel in the lobby wing of the MCC-H, and be available if needed during the flight when not on duty.

Responsibilities of the flight directors include implementation of mission objectives and making changes that might change the flight plan and mission rules on an as-necessary basis.

Lunney, 29, was born in Old Forge, Pa. He received his BS degree in aeronautical engineering from the University of Detroit. He has been with NASA and its predecessor NACA since August 1959. Lunney was flight director for the Apollo/Saturn 201 and the Gemini 9 missions.

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Charlesworth, 35, was born in Redwing, Minn. He received his BS degree in physics from Mississippi College, Clinton, Miss. and has been with NASA since April 1962. Charlesworth was a flight director on the Gemini 9 mission.

Assistant flight directors for the Gemini 10 mission will be Jones W. Roach, Charles S. Harlan and Donald R. Butler. During the mission they will assist the flight director in the detailed control of the mission and will assume full responsibility during the absence of the flight director from the control room.

Roach, 31, was born in Richmond, Va. He was graduated from Virginia Military Institute with a bachelor of science degree in electrical engineering and has been with NASA since September 1962.

Harlan, 31, was born in Paducah, Ky. He was graduated from the University of Kentucky with a BS degree in mechanical engineering and joined NASA in June 1962.

Butler, 35, was born in Louisville, Ky. He was graduated from the University of Kentucky with a BS degree in agriculture. He is a major in the Air Force and has been on detached duty with NASA since September 1965.

Operations and Procedures Officers for Gemini 10 will be Robert G. Britton, Larry W. Keyser, and Donald E. Holkan. They will be responsible to the flight director for detailed implementation of the MCC/GOSS (ground operational support system); implementation of remote site flight controller scheduling and operations; flight controller communications network discipline; and monitoring all mission control teletype traffic.

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Britton, 29, was born in Bryan, Tex. He is a Philco employee assigned to the Flight Control Division at MSC.

Keyser, 29, was born in Sundance, Wyo. He was graduated from the University of Wyoming with an MS degree in statistics. He joined NASA in July 1963.

Holkan, 25, was born in Rosebud, S. D. He was graduated from Southwestern State College, Weatherford, Okla., with a BS degree in physics. He has been with NASA since August 1962.

Medical Director for the Gemini 10 mission will be Dr. Charles A. Berry. He will be in the MCC-H during the major phases of the flight in his capacity as director of Medical Research and Operations at MSC.

Berry, 41, was born in Rogers, Ark., and received BA and MD degrees from the University of California. He was graduated from the Harvard School of Public Health with a master of public health degree. Berry has been with NASA since June 1963.

Flight Surgeons assigned to the Gemini 10 mission are Drs. A. D. Catterson, and G. Fred Kelly. They are responsible for advising the flight directors of astronaut status during the flight. They will also keep the flight director informed of any obvious physical abnormalities noted.

Catterson, 35, is in the office of the director, Medical Research and Operations. He was born in Denver, Colo., and received both his BA and MD degrees from the University of Colorado. He has been with NASA since June 1962.

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Willoughby, 31, was born in Shamrock, Tex. He was graduated from the University of Colorado with a BS degree in engineering physics. He joined NASA in September 1964.

Aldrich, 28, was born in Arlington, Mass., and received a BS degree in electrical engineering from Northeastern University in Boston. He has been with NASA since June 1961.

The Electrical, Environmental and Communications Systems Engineers for the Gemini 10 mission will be John W. Aaron, William C. Burton, Richard D. Glover, John A. Delmont, Lloyd V. Howard, and Thomas R. Loe. They are responsible for monitoring various activities in order to stay abreast of the spacecraft status, and for correlating MCC display readouts with those appearing in the spacecraft. Any significant readout discrepancies are resolved with the MCC telemetry supervisor.

Aaron, 23, was born in Wellington, Tex., and was graduated from Southwestern State College, Weatherford, Okla., with a BS degree in mathematics and physics. He joined NASA in June 1964.

Burton, 36, was born in Penelope, Tex. He was graduated from the University of Houston with a BS degree in physics and mathematics and joined NASA in August 1964.

Glover, 31, was born in Chicago, Ill., received BS and MS degrees in electrical engineering from the University of Texas. He joined NASA in November 1963.

Delmont, 28, was born in Buffalo, N. Y. and was graduated from the University of Buffalo with a BS degree in mechanical engineering. He joined NASA in October 1965.

Howard, 24, was born in Klamath Falls, Ore. and was graduated from Oregon State University with a BS degree in chemical engineering. He joined NASA in September 1965.

Loe, 28, was born in Beaumont, Tex. and was graduated from Lamar State School of Technology with a BS degree in mechanical engineering. He joined NASA in April 1963.

Agena Flight Controllers for the Gemini 10 mission will be Melvin F. Brooks, Bruce H. Walton, and James E. Saultz. Their responsibility to the Gemini flight director is to insure that the Agena vehicle adheres to the flight plan. They will also send commands if it is necessary to maneuver the Agena to accomplish the rendezvous between Agena and Gemini 10. After the Gemini portion of the mission is completed, they will continue to send commands to the Agena.

Brooks, 37, was born in Oshkosh, Wisc. He was graduated from Purdue University with a BS degree in physics and mathematics. Brooks joined NASA in May 1962.

Walton, 35, was born in Chicago, Ill., and was graduated from the California State Polytechnic College with a BS degree in electrical engineering. He joined NASA in June 1963.

Saultz, 36, was born in Belton, Mo., and was graduated from the Missouri Schools of Mines and Metallurgy, Rolla, Mo. with a BS degree in electrical engineering. He joined NASA in May 1964.

Agena Systems Engineers for the Gemini 10 mission will be Harold A. Loden, Bernard R. Brabant and Robert L. Carlton. They will be responsible for detailed systems analysis of the Agena vehicle during the mission

Loden, 29, was born in Doucette, Tex., and was graduated from Texas A&M with a BS degree in electrical engineering. He joined NASA in June 1964.

Brabant, 29, was born in Fall River, Mass. He is a Philco systems engineer on contract to NASA since March 1965.

Carlton, 36, was born in Charles City, Iowa. He was graduated from Auburn University, Auburn, Ala., with a BS degree in mechanical engineering and joined NASA in November 1964.

Flight Dynamics Officers for the Gemini 10 mission will be Jerry C. Bostick, Stewart L. Davis, and Edward L. Pavelka. They will be responsible to the flight director for monitoring the powered phase of the mission, orbital events, and trajectories from the standpoint of mission success. They will also transmit radio frequency commands to the spacecraft and launch vehicle, monitor reentry trajectories, and update landing point estimates.

Bostick, 27, was born in Golden, Miss., and was graduated from Mississippi State University with a BS degree in civil engineering. He joined NASA in January 1962.

Davis, 30, was born in Bismark, N. D., and was graduated from the University of Texas with a BS degree in aeronautical engineering. He joined NASA in July 1964.

Pavelka, 27, was born in Houston, Tex. He was graduated from the University of Texas with a BS degree in aerospace engineering and joined NASA in January 1962.

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Retrofire Officers for the Gemini 10 mission will be Thomas F. Carter, William P. Gravett, and David V. Massaro. They will be responsible to the flight director for determination and transmission of retrofire times, either in the event of an abort, a contingency landing situation, a landing at the end of an orbit, or the landing at the end of the nominal mission.

Carter, 27, was born in Quitman, Miss. He was graduated from Mississippi State College with a degree in civil engineering. He joined NASA in September 1962.

Gravett, 26, was born in Cincinnati, Ohio, and was graduated from the University of Florida with a BS degree in physics and mathematics. He joined NASA in January 1965.

Massaro, 30, was born in San Antonio, Texas, and was graduated from St. Mary's University in San Antonio with a BS degree in mathematics. He joined NASA in February 1964.

Guidance Officers for the Gemini 10 mission will be William E. Fenner, Kenneth W. Russell, and Stephen G. Bales. They will be responsible to the flight director for monitoring guidance systems and performance of the Gemini inertial guidance systems.

Fenner, 35, was born in Edna, Tex. and was graduated from Texas A&M with a BS degree in electrical engineering. He joined NASA in August 1964.

Russell, 28, was born in DeRidder, La., and was graduated from the University of Southwestern Louisiana with a BS degree in electrical engineering.

Bales, 23, was born in Ottumwa, Iowa, and was graduated from Iowa State University with a BS degree in aeronautical engineering. He joined NASA in December 1964.

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Support Control Coordinators for the Gemini 10 mission will be Ledrieu L. Linson, Phillip N. Barnes, and George Metcalf. Their responsibility is to monitor the contract people working on the mission and also man one of the positions on the M&O console.

Linson, 43, was born in Knox County, Mo., and studied engineering at the University of South Carolina. He joined NASA in January 1965.

Barnes, 29, was born in Holdenville, Okla., and was graduated from East Central State College, Ada, Okla., with a BS degree in mathematics. He joined NASA in January 1964.

Metcalf, 35, was born in Lebanon Junction, Ky., and studied electronics at the University of Florida. He joined NASA in September 1964.

Maintenance and Operations Console will be manned also by John W. Collins, Douglas R. Wilson and Clifton W. Phillips, all of Philco.

Network Controllers for the Gemini 10 mission will be Ernest L. Randall, Richard Ayers, George Ojalehto, and Lloyd H. White.

Randall, 31, was born in Oklahoma City, Okla., and was graduated from East Central State College, Ada, Okla., with a BS degree in chemistry. He joined NASA in June 1963.

Ayers, 28, was born in Raton, N. M. He is a graduate of the University of Arizona and is a lieutenant in the USAF.

Ojalehto, 30, was born in Maynard, Mass. and is a U.S. Naval Academy graduate. He is a captain in the U.S. Air Force.

White, 45, was born in Huntsville, Tex. and was graduated from the University of Texas with a BS degree in meteorology. He joined NASA in June 1965.

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GEMINI 10 MCC-H/MOCR MANNING

| | <u>Shift I</u> | <u>Shift II</u> | <u>Shift III</u> |
|-----------------------------|------------------------------------|---|------------------------------------|
| Flight Director | Glynn S. Lunney | | Clifford E. Charlesworth |
| Assistant Flight Director | Jones W. Roach | Charles S. Harlan | Donald R. Butler |
| Procedures | Robert G. Britton | Larry W. Keyser | Donald E. Holkan |
| Medical Director | Dr. Charles A. Berry | | |
| Flight Surgeon | Dr. A. L. Catterson | Dr. G. Fred Kelly | |
| S/C Communicator | Col. L. Gordon Cooper | Maj. Edwin E. Aldrin | |
| Booster Systems Engineer | Donald R. Butler | | |
| Tank Monitor | Lt. Cdr. M. Scott Carpenter | | |
| GNC Engineer | Gary E. Coen | Gerald D. Griffin Briggs N. Willoughby | Arnold D. Aldrich |
| EECOM | John W. Aaron William C. Burton | Richard D. Glover John A. Delmont | Lloyd V. Howard Thomas R. Loe |
| Agena | Melvin F. Brooks | Bruce H. Walton | James E. Saultz |
| Agena Systems | Harold A. Loden | Bernard R. Brabant | Robert L. Carlton |
| Flight Dynamics Officer | Jerry C. Bostick | Stewart L. Davis | Edward E. Pavelka |
| Retrofire Officer | Thomas F. Carter | William P. Gravett | David V. Massaro |
| Guidance Officer | William E. Fenner | Kenneth W. Russell | Stephen G. Bales |
| Support Control Coordinator | Ledrieu L. Linson | Phillip N. Barnes | George Metcalf |
| Network Controller | Ernest L. Randall Richard Ayers | George D. Ojalehto Lloyd H. White | |
| M&O Console | John W. Collins | Douglas R. Wilson | Clifton W. Phillips |
| Public Affairs Officer | Paul Haney Allison M. Bond | Robert T. White Sol B. Weil | John E. Riley Edward L. Worrell |

--more--

Add 11
News Release No. 3

GEMINI 10 MCC-H/MOCR MANNING

| | <u>Shift I</u> | <u>Shift II</u> | <u>Shift III</u> |
|---------------------------------------|--------------------------------------|--------------------|-----------------------|
| Photographic Support | Andrew R. Patnesky Louis M. Kidd | | |
| Briefing, (Training Sims) VIP Room | Carl B. Shelley | Gerald D. Griffith | |
| Systems Support | Donald O. Bray Joseph N. DeAtkine | William J. Strahle | Michael Heinz |
| Secretary | Virginia Engle | | |
| Experiments Console | James A. Campbell | Billie G. Edwards | William K. Stephenson |

NASA HEADQUARTERS

John A. Edwards
Robert O. Aller
George R. Blicht
Robert B. Sheridan
Edgar L. Harkelroad

--more--

GEMINI-10 VEHICLE SYSTEMS SSR-AGENA

| | <u>Shift I</u> | <u>Shift II</u> | <u>Shift III</u> |
|----------------------|--|--|---|
| CMD | William L. Peters Frederick R. Wentland | Hershel R. Perkins (PHO) Don L. Parrish | Charles L. Gruby Charles E. Whitsett |
| ELEC | Thomas E. Weichel | Donald J. McDonald | Leonard E. Nicholas |
| Guidance | William E. Sturm Charles V. Whitmore | Edwin E. Marzano Jerry C. Elliot | Jackson B. Craven Floyd E. Page |
| Prop. | Bruce A. Stach Jerome M. Sisk | John A. Wegener Larry W. Strimple | Carroll E. Hopkins Glenn W. Watkins |
| CSD LEM ECS Trainees | Fred A. Frere James F. Nelson | | |
| SPICK | Wilbur L. Lynch Warren J. Kennedy R. D. Newman Capt. Phillip N. Sayler Capt. Joseph Koehly Lt. L. R. Caldwell | J. Z. Svoboda Kemp D. Owen James R. Thieme | |

VEHICLE SYSTEMS SSR-GEMINI

| | <u>Shift I</u> | <u>Shift II</u> | <u>Shift III</u> |
|-----------------------|---|----------------------------------|---|
| Elec | Charles M. Jones Donald Turcola | Robert J. Walsh Joel V. Fears | David A. Floyd David R. Lund |
| Environ/CSD Personnel | Morton Silver Larry Bell Charles Crews | Roger Tanner Elton Tucker | Hubert V. Gregan Joe McMann Marshall Horton |
| Prop | James L. Walker Joseph E. Borches | Bartus Batson John L. Ferry | Jerry Reddell Frank J. Mussato |
| SPAN | Dana L. Boatman J. J. Williams | Ronald D. Tunnicliff | Richard T. Brown |
| Secretary | Ada W. Moon | | |
| GPO | Steve Andrich William Humphrey Horrace Whitaker | | |

--more--

GEMINI-10 AEROMED SSR

Shift I

Dr. John Zieglschmid
Russell H. Hair
Judith B. Banks

Shift II

Dr. John J. Droescher
Coy Z. Foster
Lynda K. Richter

Shift III

Dr. Howard A. Minners
Dr. Corrin J. Hodgson
Netha Mayberry

OPERATIONS AND PROCEDURES SSR (O&P)

Shift I

Command Support

Erskine P. Diamond (PHO)
Jim Maeger

Shift II

Billy T. Hervey
Earl Carr (PHO)

Shift III

TLM Support

Edward B. Beatty (PHO)

Plans

Frank J. Loch

Requirements Support

Secretary

Wanda K. O'Brien

Requirements Change
Control

Lawrence S. Bourgeois
Richard L. Brown

--more--

GEMINI-10 RTCC COMPUTER CONTROLLER

| <u>Position</u> | <u>Shift I</u> | <u>Shift II</u> | <u>Shift III</u> |
|--------------------|-----------------------------------|-----------------------------|----------------------------------|
| Complex Supervisor | Kim Lovinggood | Tom Tucker | James P. Walker |
| Data Select | Thomas M. Conway R. Williams | J. Davis | Bryan Conry L. Tharp |
| Computer Dynamics | Eugene Juarez *Art Anicetti | E. Schoonover *E. Kramer | Eldon G. Clayton B. Donbroski |
| Computer Command | Richard A. Wells J. Reece | Gary Luther | B. Babb |
| Computer T/M | Jessie H. Cromwell B. Lybarger | L. Rude | D. Fitzgerald |
| Printer Controller | G. Jackson | B. Furner | R. Myers |
| Executive | G. Thorsen B. Bliesner | S. Carter W. Lingo | H. Schultz J. Harris |

*Indicates individuals are stationed at the console in an advisory capacity for the mission planning exercises only.

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GEMINI-10 FLIGHT DYNAMICS SSR

| | <u>Shift I</u> | <u>Shift II</u> | <u>Shift III</u> |
|-------------------------|---|--|---|
| Trajectory Support | Larry D. Davis | Michael A Collins | Charles Allday |
| Norad/Vector | Donald J. Incento | Fred McCreary | Richard Moore |
| Reentry Specialist | Jon C. Harpold | | David Box |
| GLV Guidance Specialist | Don Nelson | | |
| Rendezvous Specialist | Edgar G. Lineberry Kenneth Young | Bob K. Culpepper Robert Regelbrugge | Robert W. Becker Robert McDonough |
| Math Aids | Sherry Tilson William Walker Irene Horsington | | Mary Ann Richards Hazel Bryan Molly Hornsby |
| Retro Support | Robert C. White | | |

SIMULATED REMOTE SITE

| | |
|------------------|-------------------------------|
| Systems Engineer | Joseph Fuller Gene F. Muse |
|------------------|-------------------------------|

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GEMINI-10 REMOTE SITE MANNING

| <u>SITE</u> | <u>CAPCOM</u> | <u>GEMINI SYSTEMS</u> | <u>AGENA SYSTEMS</u> | <u>AEROMED</u> |
|-------------|----------------------|------------------------|---|--------------------------------------|
| CYI | William G. Bastedo | Ted A. White | Robert D. Legler (PHO) Eugene G. Langenfield | Cmdr. R. W. Matter, M.C., USN |
| CRO | James R. Fucci (PHO) | John E. Walsh (PHO) | Paul D. Nering Harry Smith (PHO) | W/C Morrison, M.C., RAAF |
| HAW | Edward I. Fendell | Albert W. Barker (PHO) | George P. Contois (PHO) David W. Stell | Maj. O. Barrett, M.C., USA |
| GYM | Harold M. Draughon | James F. Moser (PHO) | Luis J. Espinoza (PHO) James A. Joki | Lt. Cmdr. R.A. Millington, M.C., USN |
| CSQ | Gary B. Scott | Floyd E. Claunch (PHO) | Harold V. Berlin (PHO) Jack C. Flatt (PHO) | Maj. J.P. Young, M.C., USAF |
| RKV | William F. Buchholz | George W. Conway (PHO) | Williard D. Robinson (PHO) | Cmdr. A.W. Stevenson, M.C., USN |
| CNV | | Charles A. Link (PHO) | | |

Recovery Coordinator for the Gemini-10 mission will be Jerome B. Hammack. He will be responsible to the flight director for coordination of all recovery activities and will head up the recovery teams from his position in the Recovery Control Center (RCC) in the MCC-H.

Hammack, 44, was born in Coleman, Ga., and was graduated from Georgia Tech with a BS degree in aeronautical engineering. He joined NASA in May 1944. His present position is chief of the Landing and Recovery Division.

Assisting Hammack in the RCC-Houston will be Donald E. Stulken, Harold E. Granger, Edward C. Bullock, Joe R. Vice, William G. Robinson, Donald J. Borque, Bruce Larsen, Richard Tunland, Harold J. Clancy, John Hoover, James D. Shannon, Wayne Oldfield, and Royce McKinney.

Other assisting in the RCC-H will include a senior DOD representative and the DOD operational control staff.

Recovery personnel from the Landing and Recovery Division will also be deployed to many areas around the world where they will participate in the Gemini-10 mission.

The RCC-Cape will be manned by Ryburn Kirby, with Melvin Richmond at Launch Site/Central Control. Fred Koons will be at the Cape landing position observer post. Roderick Bass will be the safing man at the Cape.

RCC-Kunia, Hawaii will be manned by Jerry E. Hoisington, Lonnie D. Thomas and Francis G. Abernethy.

The RCC-San Pablo, Spain will be manned by Fred Sponholz.

RCC-Albrook, Panama Canal Zone will be manned by Richard Green.

Warren Glenn will man the Aerospace Rescue and Recovery Service (ARRS) station at Bermuda.

Leroy Penn will man the ARRS-Dakar station in Sengal, Africa.

Sheridan Berthiaume will man the ARRS at Hickam, Hawaii.

The Tachikawa AFB station in Japan will be manned by Leon Hodge.

Milliard C. Pettit will man the destroyer USS Stoddert in the Mid-Pacific.

Donald H. DuBay will man the destroyer USS Collett in the West Pacific.

The prime recovery ship the aircraft carrier USS Guadalcanal will be manned by John C. Stonesifer, Thomas E. Holt, Steve Ellis, Lloyd D. Scoggins, Charles Hall, and James T. Willis.

In the West Atlantic, the destroyer USS Sumner will be manned by William M. Hogan. The destroyer USS Norris, also in the West Atlantic, will be manned by Dennis Mannering.

In the East Atlantic, the destroyer USS Lawe will be manned by Carter Yeatman.

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APOLLO SATURN 202 NEWS CENTER
HOUSTON, TEXAS

NEWS RELEASE NO. 1

August 24, 1966

SUBJECT: Apollo Saturn 202 Flight Controller and Recovery
Assignments

The Mission Control Center, Houston, and other sites will be staffed during the Apollo/Saturn 202 mission by flight controllers, recovery people and other personnel from the Department of Defense, NASA Manned Spacecraft Center and the Marshall Space Flight Center.

Because of the short duration of the AS 202 mission, only one team of flight controllers will be assigned.

Real-time in-flight analysis of the mission as associated with trajectory and vehicle systems will be the flight control function of the MCC-H as augmented by the various tracking sites along the path of the flight.

Mission director of the AS 202 mission will be provided by Mission Director Brig. Gen. Carroll H. Bolender.

Flight Director for the AS 202 mission will be John D. Hodge. He will be responsible for detailed control of the flight, for the implementation of mission objectives and for making decisions which might change the flight plan and mission rules on an

NEWS RELEASE NO. 1

Add 1

as-necessary basis.

Hodge, 37, was born in Essex, England. He received a BS degree in engineering from the University of London. Hodge joined NASA in April 1959. He was flight director on the AS 203 mission and on Mercury and Gemini flights.

Assistant Flight Director, Stuart M. Present, 36, was born in Brooklyn, N. Y. He was graduated from the University of Wisconsin with a BS degree in civil engineering and joined NASA in August 1963. During the flight he will assist the flight director in the detailed control of the mission and assume full responsibility during the absence of the flight director from the control room.

Operations and Procedures Officers for the mission will be Lawrence L. D. Armstrong, Franklin W. Brizzolara, and Seymour A. Liebergot. They will be responsible to the flight director for detailed implementation of the MCC/GOSS (ground operational support systems); implementation of remote site flight controller scheduling and operation; flight controller communication network discipline; and monitoring all mission control teletype traffic.

Armstrong, 28, was born in Pocatello (Banacok), Idaho. He joined NASA in August 1962.

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Brizzorara, 24, was born in Houston, Tex. He was graduated from the University of Texas with a BS degree in aerospace engineering and joined NASA in August 1964.

Liebergot, 30, was born in Camden, N. J. He was graduated from the California State College of Los Angeles with a BS degree. He joined NASA in January of this year.

Booster Systems Engineer No. 1: Charles W. Casey, 33, was born in Rome, Ga. He was graduated from North Georgia College, Dahlonega, Ga., with a BS degree in physics. He joined NASA (Marshall Space Flight Center) in July 1960. He will be responsible to the flight director for monitoring the (SLV) Saturn Launch Vehicle propulsion system, propellant containers and pressurization systems.

Booster Systems Engineer No. 2: Dexter H. Burdeshaw and Robert F. Wolf will be responsible for monitoring and evaluating the status of the SLV digital computer system, guidance and navigation system, attitude control system and sequential system.

Burdeshaw, 28, was born in Birmingham, Ala. He was graduated from Howard College, Birmingham, with a BS degree in mathematics and physics. He joined NASA (MSFC) in January 1961.

Wolf, 36, was born in Yonkers, N. Y. He was graduated from

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Purdue University with a BS degree in mechanical engineering. He joined NASA (MSFC) in September 1962.

Communications and Life Support engineers are Richard D. Glover and William C. Burton. This position was formerly known as Electrical, Environmental, and Communications Officer (EECOM). The CLS engineer monitors the operation of the electrical power system, the environmental control system, communications system and instrumentation and sequential systems.

Glover, 32, is a native of Chicago, Illinois. He has a bachelor of science degree in electrical engineering from the University of Texas and a master of science degree in electrical engineering from Stanford University. Glover joined NASA in 1963. Burton, 36 was born in Penelope, Texas. He has a bachelor of science degree in physics and mathematics from the University of Houston and joined NASA in 1964.

Guidance, Navigation and Control engineers are Gerald D. Griffin, Louis A. DeLuca and Briggs N. Willoughby. They are responsible for monitoring spacecraft guidance and propulsion systems.

Griffin, 31, was born in Athens, Texas. He holds a bachelor of science degree in aeronautical engineering from Texas A & M

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NEWS RELEASE NO. 1
Add 4

and joined NASA in 1964. DeLuca, 39, is a native of Detroit, Michigan. His major area of study was in engineering and mathematics and he joined NASA in 1962. Willoughby, 31, was born in Shamrock, Texas. He has a bachelor of science degree in engineering physics from the University of Colorado and he joined NASA in 1964.

The Flight Dynamics Officer is Grayden F. Meyer. He is responsible for monitoring the powered phase of the mission, and trajectories.

Retrofire officers are John S. Llewellyn, and Charles F Deiterich. They are responsible for determination of transmission of retrofire times.

Guidance officers are Charley B. Parker, Granville E. Paules and John G. Renick. They are responsible for monitoring guidance systems.

Network Controllers are Larry Lonero and Gordon Ayers. Support control coordinators Phillip N. Barnes, Jimmy C. White, and Robert Pittman. Maintenance and Operation supervisors are Robert Jones, Ronald B. Cagle, John W. Collins, and George M. Egan, Jr. The latter three are Philco employees.

The Public Affairs console will be manned by Robert T. White, Mission Commentator, and Sol B. Weil.

-more-

NEWS RELEASE NO. 1
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Flight Controllers will man three remote sites - the tracking ships Rose Knot, and the Coastal Sentry, and the tracking station at Carnarvon, Australia.

Assigned to the Rose Knot are Arda J. Roy, Jr., Cap Com; William J. Moon, Communications and Life Support; Joseph E Borches, III, Guidance and Navigation and Control; and William H. McCumber, Booster Systems Engineer.

Assigned to Carnarvon are Perry L. Elack, Cap Com; Talivaldis, K. Sulmeisters, C. L. S.; Johnny L. Ferry, G. N. C.; and George C. Guthrie, Flight Dynamics.

Assigned to the Coastal Sentry are Lawrence S. Canin, Cap Com; Richard A. Gardner, C. L. S.; and Richard W. Kalishek, G. N. C.

Landing and Recovery Division assignments:

At the Recovery Control Center - Houston - J. C. Stonesifer, E. C. Bullock, W. E. Koons, B. W. Larsen, J. E. Hoover, J. E. Hoisington, F. E. Herbert, W. G. Robinson, D. H. DuBay, A. E. Kilpatrick, J. R. Vice.

Recovery Control Center - Cape Kennedy - R. R. Karby, and M. L. Richmond.

Recovery destroyers in the Atlantic - S. H. Ellis, Station 1; R. C. Jacobs, Station 2; W. J. Stork, Station 3.

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Air Rescue Service - Bermuda - D. G. Mannering.

Recovery Control Center - Kunia, Hawaii - H. E. Granger.

Prime Recovery Carrier - U. S. Hornet in the Pacific -
D. E. Stullken, C. C. Filley, L. D. Thomas, F. C. Spohholz,
R. N. Darley, and J. R. Sloan.

Recovery Destroyers in the Pacific - W. B. Wood, Station 1;
J. S. Arthur, Station 2.

Aboard Air Rescue Service C-130 in the footprint area -
A. Meyers, M. L. Windler, E. B. Petrash, W. R. Chase, S. J.
Berthiaume, W. A. Middleton, and W. H. Glenn. Each will be
aboard a C-130 in the area.

Deactivation @ R. S. Bass.

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APOLLO NEWS CENTER
MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NEWS RELEASE #5

November 7, 1967

Subject: Flight Controllers for Apollo 4

Centralized control of the Apollo 4 flight will be provided by the Mission Control Center-Houston from launch through recovery. Two teams of flight controllers and support personnel will man the MCC-H. The first team, or countdown team, of flight controllers will report on site at T-11 hours and 40 minutes. The prime team of flight controllers will come on duty at T-3 hours and man their positions through spacecraft landing, which is scheduled to occur some 8 hours and 41 minutes after liftoff from Kennedy Space Center.

Real-time in-flight analysis of the mission as associated with trajectory and vehicle systems will be the flight control function of the MCC-H as augmented by the various tracking sites along the path of the flight.

Apollo 4 Mission Director is William C. Schneider from the Office of Manned Space Flight, NASA Headquarters. He will be responsible for the overall conduct of the mission.

Department of Defense support of the mission will be headed by Air Force Maj. Gen. Vincent G. Huston, DOD Manager, Manned Space Flight Support Operations, Andrews AFB, Washington, D. C. DOD support includes launch site services, tracking facilities and necessary forces for recovery operations.

Christopher C. Kraft Jr., Director of Flight Operations at the Manned Spacecraft Center will be manning the Flight Operations Director console in the MCC-H during major phases of the mission in his capacity as head of flight operations at MSC.

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News Release #5

Kraft, 43, was born in Phoebus, Va. He was graduated from Virginia Polytechnic Institute with a BS degree in aeronautical engineering and has been awarded honorary Doctor of Engineering Degrees from Indiana Institute of Technology and Parks College of St. Louis University. He has been with NASA and its predecessor NACA (National Advisory Committee for Aeronautics) since January 1945.

Flight directors for the Apollo 4 mission will be Glynn S. Lunney and Clifford E. Charlesworth. They will head the two shifts that will be necessary for the countdown and flight portions of the mission. The flight director's responsibilities include implementation of mission objectives and making changes that might change the flight plan and mission rules on an as-necessary basis.

Lunney, 30, was born in Old Forge, Pa. He was graduated from the University of Detroit with a BS degree in aeronautical engineering. He has been with NASA and its predecessor NACA since August 1955. Lunney was flight director for Apollo 201 and the Gemini 9 through 12 missions.

Charlesworth, 35, was born in Redwing, Minn. He was graduated from Mississippi College, Clinton, Miss., with a BS degree in physics and has been with NASA since April 1962. He was a flight director on Gemini 9 through 12.

Assistant flight directors for the Apollo 4 mission will be William E. Platt Jr. and Seymour A. Liebergot. During the mission they will assist the flight director in the detailed control of the mission and will assume full responsibility during the absence of the flight director from the control room.

- MORE -

Add 2

News Release #5

Platt, 32, was born in Wink, Texas. He was graduated from the University of Southwestern Louisiana with a BS degree in mechanical engineering, and joined NASA in April 1962.

Liebergot, 31, was born in Camden, N. J. He was graduated from California State College of Los Angeles with a BS degree in electrical engineering. He joined NASA in January 1966.

Operations and procedures Officers for the mission will be Billy T. Hervey and Donald E. Holkan. He will be responsible to the flight director for detailed implementation of the MCC/GOSS (ground operational support system); implementation of remote site flight controller scheduling and operations, flight controller communications network discipline and monitoring all mission control teletype traffic.

Guidance Navigation Control officers for Apollo 4 will be Gerald D. Griffin, Briggs N. Willoughby and Joseph E. Borches. They will be responsible to the flight director for monitoring spacecraft guidance and propulsion systems.

The Electrical, Environmental and Communications Systems Engineers for the mission will be Lloyd V. Howard, and William C. Burton. They will be responsible for monitoring the operation of the electrical power system, the environmental control system, communications system and instrumental and sequential systems.

Network controllers for the Apollo 4 mission will be Lawrence Lonero and Douglas R. Wilson. They will be responsible to the flight director for capability of the network instrumentation required to support the flight.

- MORE -

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News Release #5

Flight Dynamics Officers for the mission will be Jerry C. Bostick and George C. Guthrie. They will be responsible to the flight director for monitoring the powered flight phase of the mission, orbital events, and trajectories from the standpoint of mission success.

Guidance Officers for the flight will be Neil Hutchinson, Granville E. Paules and Stephen G. Bales. They will be responsible to the flight director for monitoring guidance, sequential and propulsion systems.

Retro controllers for the Apollo 4 mission will be John S. Llewellyn, William P. Gravett and James M. Payne. They will be responsible to the flight director for determination and transmission of retrofire times, either in the event of an abort, or the landing at the end of an orbit, or the landing at the end of the nominal mission.

Booster Systems Engineers for Apollo 4 will be Robert W. Wolf, Carl E. Amos and Charles W. Casey. They will be responsible to the flight director for monitoring the Saturn Launch Vehicle propulsion system, propellant containers and pressurization systems. They will also monitor and evaluate the status of the Saturn 5 digital computer system, navigation and guidance system, attitude control system and sequential system.

Recovery coordinators for the Apollo 4 flight will be Edward C. Bullock, Joe R. Vice and Harold E. Granger. Their prime responsibility is to direct the recovery task forces and to keep the flight director informed of their status.

The Public Affairs team for Apollo 4 is Bennett W. James and Paul Haney. They will be responsible for relaying to the news media all vital information concerning the mission.

- MORE -

Add 4

News Release #5

Two remote sites for Apollo 4 will be fully manned by flight controllers from Houston, they will be Carnarvon, Australia and the Apollo Tracking Ship Vanguard in the Atlantic. Flight controllers will also be at remoted sites to monitor the programs and assist the station personnel if needed.

Manning the Carnarvon remote site will be Edward I. Fendell, capcom; Roy E. Day, and Paul A. Hoffman, booster systems engineers; Joseph N. DeAtkine, EECOM; Richard W. Kalishek, GNC; and William J. Strahle, control.

Onboard the Vanguard tracking ship will be William G. Bastedo, capcom; William McCumber and Robert W. Puschinsky, BSE; George W. Conway, EECOM; Frank Digenova, GNC; John A. Kamman, control; and Jay H. Greene, FIDO.

The following flight controllers from MSC will be at remoted sites to observe, monitor and assist if needed during the mission: Charles S. Harlan at Guam; Harold M. Draughon, Ascension; William Molnar, Hawaii; Richard H. Sutton at Guaymas; and Keith K. Kundel onboard the Apollo Range Instrumented Aircraft out of the Cape Kennedy area.

In the Recovery Operations Control Room at MCC-H will be Edward C. Bullock, recovery coordinator; Joseph R. Vice, assistant coordinator; John E. Hoover and Francis G. Abernathy, display; W. Gary Robinson, Fred Wrinkle, and Raymond S. Watson, evaluators; Charles R. Walker, and Richard D. Snyder, status.

Manning the Cape Kennedy recovery operation will be Ryborn R. Kirby, John H. Cooper, Ralph H. Culbertson and John D. Holt. The spacecraft deactivation team will be Roderick S. Bass and John Hirasaki at the Cape.

Kunia, Hawaii recovery operations will be Donald E. Stulken and Richard W. Blakely,

- MORE-

Add 5

News Release #5

Moron, Spain recovery operation will be manned by Thomas E. Holt.

Atlantic ships will be manned as follows: USS Austin, Fred C. Sponholz, R. Lane Brown and Charles T. Hall; USS J. P. Kennedy, Jr., Thomas E. O'Briant; USS York County, Larry R. Bell; USS Sabine, Michael F. Collins.

Bermuda recovery operations will be Arnett E. Kilpatrick, Charles D. Anderson and Carl F. Koontz.

Lajes, Azores and Moron, Spain recovery operations will be manned by Allen F. Meyers.

Hickham, Hawaii recovery operations will be manned by Donald G. Morris, William B. Wood, William R. Chase, Larry R. Patterson, William A. Middleton, Sheridan J. Berthiaume, Gordon C. Hrabal, and Ronald J. Simantel.

Onboard the prime recovery ship USS Bennington will be John C. Stonesifer, Charles C. Filley, Edward B. Petrash, John Hirasake, and Frank T. Mabley.

Also in the prime recovery area will be the USS Carpenter with Weldon B. McCown onboard.

In the Pacific recovery area on board an ARIA will be L. Douglas Scoggins handling recovery operations from that point.

Manning of other areas in MCC-H in addition to the above follow:

Add 6

News Release #5

MCC-H/MOCR MANNING

POSITION

COUNTDOWN TEAM

PRIME TEAM

FLIGHT DIRECTOR

Clifford E. Charlesworth

Glynn S. Lunney

ASSISTANT FLIGHT DIRECTOR

William E. Platt, Jr.

Seymour A. Liebergot

OPERATIONS & PROCEDURES

Billy T. Hervey

Donald E. Holkan

GUIDANCE NAVIGATION CONTROL
(Console 8)

Gerald D. Griffin

Briggs N. Willoughby

GUIDANCE NAVIGATION CONTROL
(Console 9)

Joseph E. Borches

EECOM (Console 7)

Lloyd V. Howard

William C. Burton

NETWORK CONTROLLER

Lawrence Lonero

ASSISTANT NETWORK CONTROLLER

Douglas R. Wilson

PUBLIC AFFAIRS OFFICE

Bennett W. James

Paul Haney

Allison M. Bond

Bert Weil

FIDO

Jerry C. Bostick

George C. Guthrie

GUIDO

Neil Hutchinson

Granville E. Paules

RETRO

John S. Llewellyn

James M. Payne

William P. Gravett

BOOSTER SYSTEMS ENGINEER

Robert W. Wolf

Charles W. Casey

BOOSTER SYSTEMS ENGINEER -
ALTERNATE

Carl E. Amos

RECOVERY COORDINATOR

Edward C. Bullock

ASSISTANT RECOVERY COORDINATOR

Joe R. Vice

Harold E. Granger

MESSAGE COORDINATORS

Ada W. Moon

Donald O. Bray

Virginia W. Engle

Ernest W. Starling

NASA HEADQUARTERS

MISSION DIRECTOR

William C. Schneider

MISSION DIRECTOR'S STAFF

Chester M. Lee

Robert O. Aller

William A. Wallace

John K. Holcomb

Fred E. Stout

Howard F. Blackwood

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News Release #5

FLIGHT DIRECTOR SSR

POSITION

| | | |
|-----------------------------|--------------------|-----------------------|
| REQUIREMENTS CHANGE CONTROL | Lyle T. White | Richard L. Brown, Sr. |
| DATA SUPPORT | Otho C. Lindsey | |
| | Joseph E. Johnston | Donald C. Eaton |
| FLIGHT PLAN | | John B. Cotter |
| | Tommy W. Holloway | |
| PLANS & SCHEDULES | Robert G. Britton | |

VEHICLE SYSTEMS SSR

| | | |
|--|---------------------|--------------------|
| ENVIRONMENTAL CONTROL SYSTEMS (Console 20) | Charles L. Dumis | Morton Silver |
| | Thomas R. Loe | |
| ELECTRICAL POWER SYSTEM/ SEQUENCE (Console 31L) | William J. Moon | James J. Kelly |
| | Joseph L. Pringle | Charles M. Jones |
| COMMUNICATION (Console 31R) | Joel V. Fears | Richard T. Brown |
| | W. Lawrence Wafford | Thomas E. Hanchett |
| GUIDANCE & NAVIGATION (Console 32L) | Robert H. Fischer | Frank J. Mussato |
| PROPULSION (Console 32R) | Gary E. Coen | |
| | John E. Walsh | Albert W. Barker |
| MESSAGE COORDINATOR | Ada Moon | Shelia A. Nice |
| | | Diana R. Guy |

RECOVERY CONTROL ROOM

POSITION

| | | |
|----------------------|---------------------|----------------------|
| RECOVERY DISPLAY | John E. Hoover | Francis G. Abernathy |
| EVALUATOR | William G. Robinson | Raymond S. Watson |
| | | Fred H. Wrinkle, Jr. |
| STATUS MONITOR | Charles R. Walker | Richard D. Snyder |
| METEROLOGY (Weather) | Alan N. Sanderson | Roger K. Carter |
| | Edward F. Mitros | Ronald E. Gabriel |
| SECRETARIES | Norma M. Salinas | Nancy C. Pollock |
| | Jean Ellis | |

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News Release #5

BOOSTER SYSTEMS SSR

GUIDANCE NAVIGATION/DIGITAL
ATTITUDE CONTROL SYSTEMS
ELECTRICAL NETWORK SYSTEMS
PROPULSION & STRUCTURES
SYSTEMS

William H. Shook
L. Kenneth Whitfield
John A. Smith
Phillip J. Strausbaugh

FLIGHT DYNAMICS SSR

GUIDO

Kenneth W. Russell
Charley B. Parker

J. Gary Renick

RETRO

Thomas E. Weichel

David V. Massaro

FIDO

William J. Boone, III

William M. Stoval

SIM AREA SSR

ARIA DOD REPRESENTATIVE

Ted Windle

AEROMED SSR

POSITION

ENVIRONMENTAL CONTROL SYSTEMS

Frank H. Samonski
Donald F. Hughes

Richard J. Gillen
John E. Whalen

AEROMEDICAL

Percy F. Hurt
William R. Carpentier, M.D.
Kenneth N. Beers, M.D.

Robert E. Smylie
John F. Zieglschmid, M.I
G. Fred Kelly, M.D.

Add 9

News Release #5

SPACECRAFT ANALYSIS SSR

SPAN

PROGRAM OFFICE SUPPORT

Arnold D. Aldrich

Alfred D. Mardel

Kenneth L. Nelson

Rolf W. Lanzkron

Terrence L. Whalen

Sidnay C. Jones, Jr.

Jerry W. Craig

Charles R. Haines

Stanley M. Blackmer

John D. Lobb, Jr.

Susan M. Cardenas

Vickie J. Burns

Howard C. Kyle

Jack W. Seyl

L. William Blair

Owen E. Maynard

Aaron Cohen

Jerry S. Lowe

Charles H. Feltz

William M. Speier

Allan W. Joslyn

Joseph P. Loftus

Robert E. McKann

Wanda S. Slack

ISD

Clyde J. Stoker

A. Donald Travis

RTACF (FLT DYN SSR)

TRAJECTORY SUPPORT CHIEF

Michael A. Collins, Jr.

ASSISTANT TRAJECTORY SUPPORT
CHIEF

Stanley D. Holzaepfel

MANEUVER SPECIALIST

William J. Bennett

REENTRY SPECIALIST

Jon C. Harpold

AGC SPECIALIST

Jack Garman

POSTFLIGHT OBSERVER

Donald J. Incerto

ENGINEERING AIDE

Mary McKee (ITT)

Laura Wilson (ITT)

Add 10

News Release #5

CCATS

POSITION

| | | | |
|-------------------------|---|--|---|
| COMMAND | Lawrence D. Meyer Thomas R. Watts Bobby C. Conners James E. Mager | Roger F. Brant Henry Jenkins Julius M. Conditt Richard F. Robertson | Ronald E. Warren Charles M. Horstman Eldon E. Payne |
| TELEMETRY | Jerry E. Brown Walter R. Hrab Paul D. Dell'Osso | Donald J. Flippin Al D. McLaughlin Robert G. Gonzales | Fidel R. Rul, Jr. Gerald J. Hedberg |
| TRACKING | Donald E. Webb Walter E. Soetaert Thomas W. Sheehan Robert G. Schweigert | Thomas J. Lubischer Donald E. Halter Edward W. Pickett Charles W. Reese | Robert G. Stone Ralph M. Mason George T. Williams |
| COMMUNICATIONS | Charles W. Busch Donald G. Snyder Gerald G. Coppens | Charles T. Ritchie Marcus D. Garner Billy R. Perry | Steve C. Richards Oliver E. Allen |
| CP | Glyn R. LeBlanc | Billy D. Janeway | |
| MESSAGE COORDINATION | Dianne L. Janecka | Irene L. Hatfield | Dianne M. Ferguson |

AUXILLIARY COMPUTING ROOM

| | | | |
|--------------------------|---------------------------------------|---------------|-----------|
| ACR CHIEF | Dan Chenoweth | | |
| TRAJECTORY CONSULTANT | Roy Kaesemeyer James W. Tolin, Jr. | Carlos Garza | Mel Diels |
| PROGRAM CONSULTANT | Delores Moorehead | Dan Borkowski | |
| RUN COORDINATOR | Bruce Newport | | |
| ENGINEERING AIDE | Mary Ann Lankford | | |

Add 11

News Release #5

REAL-TIME COMPUTER COMPLEX

POSITION

| | | |
|--------------------|--|---|
| COMPLEX SUPERVISOR | Terry D. Wickham (IBM) Jack A. Adams (IBM) | Lec K. Lovinggood (IBM) John V. Schnurbusch (IBM) |
| COMPUTER DYNAMICS | Robert J. Donbroski (IBM) Glenn S. Jackson (IBM) | Edward F. Schoonover (IBM) R. Ray Reynolds NASA |
| DATA SELECT | John A. Layton (IBM) Lawrence K. Tharp (IBM) | Thomas M. Conway NASA James H. Davis (IBM) Lawrence K. Tharp (IBM) |
| COMPUTER COMMAND | Freddie R. Heath (IBM) | William N. Babb (IBM) |
| COMPUTER TELEMETRY | Richard B. Fitzgerald (IBM) Neldon J. Costin NASA | Jack B. Stephenson NASA-AF Ralph T. Myers (IBM) |
| CMCC | Michael R. Felix (IBM) | Ralph T. Simermeyer (IBM) Robert J. Gayle (IBM) Thomas H. Stern (IBM) |
| RTOS SUPPORT | Edward R. Strecker (IBM) Noel W. Pryor (IBM) | Walter J. Kloster (IBM) Richard W. Groves (IBM) |

REAL-TIME COMPUTER SSR

POSITION

| | |
|---------------------------|---|
| RTCC COMPUTER SUPERVISORS | Kim Lovinggood Gene Juarez Jack Adams |
|---------------------------|---|

APOLLO NEWS CENTER
MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

News Release #1

January 19, 1968

Subject: Flight Controllers for Apollo 5

After the Apollo 5 launch vehicle and its Lunar Module payload liftoff Launch Complex 37B at Cape Kennedy, Command Control of the flight will be centered in the Mission Control Center, Houston.

In the hours prior to liftoff of the Apollo 5 vehicle from the launch pad in Florida, the role of MCC is more one of monitoring the pre-launch activity and preparation for command takeover of the mission.

Real-time in-flight analysis of the Apollo 5 mission as associated with trajectory and vehicle systems will be the flight control function of MCC as augmented by the various tracking sites along the path of the flight.

The prime team of flight controllers will come on duty in MCC at about three hours before liftoff and man their console positions through accomplishment of the primary objectives of the mission or about seven hours into the flight. At this time ~~the number two~~ team of flight controllers will take over command of the vehicle and exercise the LM-1 vehicle in various contingency configurations and monitor vehicle systems until depletion of consumables. The latter phase will also be about seven hours in duration.

Add 1
light Controllers

Mission Director for the Apollo 5 mission is William C. Schneider from the Office of Manned Space Flight, NASA Headquarters. He will be responsible for the overall conduct of the mission.

Christopher C. Kraft, Jr., Director of Flight Operations at the Manned Spacecraft Center will man the Flight Operations Director console in MCC during major phases of the mission in his capacity as head of flight operations at MSC.

Department of Defense support of the mission will be headed by Air Force Maj. Gen. Vincent G. Huston, DOD Manager, Manned Space Flight Support Operations, Andrews AFB, Washington, D. C. DOD support includes launch site services and tracking facilities.

Flight Directors for the Apollo 5 mission will be Eugene F. Kranz and John D. Hodge. They will head the two shifts that will be necessary for the countdown and flight portions of the mission. The flight director's responsibilities include implementation of mission objectives and making changes on an as-necessary basis that could affect the flight plan and/or mission rules. Glynn S. Lunney will be back-up flight director for this mission.

Kranz, 34, was born in Toledo, Ohio. He was graduated from Parks College, St. Louis University with a BS degree in aeronautical engineering. He has been with NASA since October 1960 and served as flight director on most of the manned Gemini flights.

add 2

Flight Controllers

Hodge, 38, was born at Leigh-on-Sea, Essex, England. He received a BS degree in engineering from the University of London and was awarded an honorary doctors degree in aeronautics from the City University of London. He has been with NASA since April 1959 and served as flight director on most of the manned Gemini flights and on two unmanned Apollo flights.

Assistant Flight Directors for Apollo 5 will be Perry L. Ealick and Charles R. Lewis. During the mission they will assist the flight director in the detailed control of the mission and will assume full responsibility during the absence of the flight director from the control room.

Ealick, 30, was born in Ponca City, Okla. He was graduated from the U. S. Naval Academy with a BS degree in engineering, and joined NASA in July 1964.

Lewis, 30, was born in Lawton, Okla. He was graduated from New Mexico State University with a BS degree in electrical engineering, and joined NASA in June 1961.

Operations and Procedures Officers for the mission will be H. Russell Goodwin and Lawrence L. D. Armstrong. They will be responsible to the flight director for detailed implementation of the MCC/GOSS (ground operational support system); implementation of remote site flight controller scheduling and operations, flight

Add 3

Flight Controllers

controller communications network discipline and monitoring all mission control teletype traffic.

Booster Systems Engineers for the Apollo 5 flight will be William L. Brady and William H. Hooper. They will be responsible to the flight director for monitoring the Saturn launch vehicle propulsion system, propellant containers and pressurization systems. They will also monitor and evaluate the status of the Saturn IB digital computer system, navigation and guidance system, attitude control system and sequential system.

Guidance and Control Officers for the mission will be Jackson B. Craven and Robert L. Carlton. They will be responsible to the flight director for monitoring spacecraft guidance and propulsion systems.

The Electrical, Environmental and Communications Systems Engineers for Apollo 5 will be Donald R. Puddy, and W. Merlin Merritt. They will be responsible for monitoring the operation of the electrical power system, the environmental control system, communications system and instrumentation, and sequential systems.

Flight Dynamics Officers for Apollo 5 will be H. David Reed, Jerry C. Bostick, Maurice G. Kennedy, and William M. Stoval. They will be responsible to the flight director for monitoring the powered

Add 4
Flight Controllers

flight phase of the mission, orbital events, and trajectories from the standpoint of mission success.

Guidance Officers for the flight will be J. Gary Renick, Charley B. Parker, Kenneth W. Russell and William E. Fenner. They will be responsible to the flight director for monitoring guidance, sequential and propulsion systems.

Retro Controllers for Apollo 5 will be James E. I'Anson, John S. Lewellyn, and Bobby T. Spencer. They will be responsible to the flight director for monitoring the LM program reader assembly and for selecting sequences to accomplish alternate mission planning.

Network Controllers for the mission will be George D. Ojalehto, Clifton W. Phillips, Thomas Guy and Douglas R. Wilson. They will be responsible to the flight director for capability of the network instrumentation required to support the flight.

The Public Affairs team for commentary on Apollo 5 is Robert T. White and Don J. Green. They will be responsible for relaying to the news media all vital information concerning the conduct of the mission.

Three remote sites will be manned by flight controllers from MSC for this mission. These sites will be Carnarvon, Australia, the tracking ship Coastal Sentry (CSQ) off the west coast of Australia, and the tracking ship Rose Knot (RKV) off the coast of Baja, California.

Add 5
light Controllers

Manning the Carnarvon site will be Gary B. Scott, capcom; Harold A. Loden, and Hershel R. Perkins, LM systems; and James F. Park, booster systems engineer.

The CSQ will be manned by James R. Fucci, capcom; Robert D. Legler, and Robert H. Heselmeyer, LM systems; and Myron C. Hayes, booster systems engineer.

Lawrence S. Canin will be the capcom on the RKV with Charles L. Gruby and Richard A. Thorson as the LM system engineers.

Landing and Recovery Division assignments for Apollo 5 will include personnel to track the LM spacecraft during the second through sixth revolutions from four Air Force Air Rescue and Recovery Service aircraft.

Two of the pararescue carrying aircraft will be out of Hawaii and two out of Bermuda. The LRD members onboard will be testing and evaluating electronic gear used on these HC-130 aircraft for recovery operations. The S-Band signal from the LM spacecraft will be utilized for tracking purposes.

Out of Bermuda, W. A. Middleton and John D. Holt will be onboard Aircraft-1 with Douglas Scoggins and H. F. Breshears on Aircraft-2. The Hawaii Aircraft-1 will be manned by Sheridan Berthiaume and David Peterson, with Edward Petrash and James Larey onboard Aircraft-2.

Add 6

Flight Controllers

Other LRD assignments include John Stonesifer and Raymond Watson at the Norfolk, Va. Recovery Control Center; Joe Vice at the Kunia, Hawaii Recovery Control Center; and Ralph Culbertson at Cape Kennedy, Fla.

Other areas in Mission Control Center will be manned by the following:

- more -

Add 7
Flight Controllers

MCC/MOCR MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> |
|------------------------------------|---|---|
| Flight Director | Eugene F. Kranz | John D. Hodge |
| Back-up Flight Director | Glynn S. Lunney | |
| Assistant Flight Director | Perry L. Ealick | Charles R. Lewis |
| Operations and Procedures | H. Russell Goodwin | Lawrence L. D. Armstrong |
| Booster Systems | William L. Brady William H. Hooper Charles W. Casey | |
| Guidance and Control | Jackson B. Craven | Robert L. Carlton |
| RECOM | Donald R. Puddy | W. Merlin Merritt |
| FIDO | H. David Reed Jerry C. Bostick | Maurice G. Kennedy William M. Stoval |
| GUIDO | J. Gary Renick Charley B. Parker | Kenneth W. Russell William E. Fenner |
| RETRO | James E. I'Anson John S. Llewellyn | Bobby T. Spencer |
| NETWORK CONTROLLER | George D. Ojalehto | Clifton W. Phillips |
| ASSISTANT NETWORK CONTROLLER | Thomas Guy | Douglas R. Wilson |
| MISSION COMMENTARY | Robert T. White | Don J. Green |
| ASSISTANT TO MISSION COMMENTARY | Edward L. Worrell | |

Add 8
Flight Controllers

MCC/MOCR MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> |
|-------------------------------|--------------------------------------|--------------------|
| <u>NASA HEADQUARTERS</u> | | |
| MISSION DIRECTOR | William C. Schneider | |
| ASSISTANT MISSION DIRECTOR | Chester M. Lee | |
| APOLLO OPERATIONS DIRECTOR | John K. Holcomb | |
| ASSISTANT TO MISSION DIRECTOR | Fred E. Stout R. C. Turgeon | |
| OPERATIONS PLANNING | Robert O. Aller | |
| VIP CONSOLE | | |
| VIP ROOM | Thomas A. Stuart Eugene L. Wright | James E. Broadfoot |

Add 9
Flight Controllers

VEHICLE SYSTEMS SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> |
|---|--|---------------------------------|
| PNGS | Floyd E. Page Jerry C. Elliott | John L. Nelson |
| CES | William E. Sturm | Edwin E. Marzano |
| PROPULSION | Larry W. Strimple Carroll E. Hopkins | Glenn W. Watkins |
| ECS | Jack Knight, Jr. James F. Nelson | Fred A. Frere Quarance Patin |
| CONSUMABLES PLOTTER | Robert S. Nance | |
| ELECTRICAL | William L. Peters | Frederick R. Wentland |
| COMMUNICATIONS | J. O. Sayler William Reeves | Don L. Parrish |
| MESSAGE COORDINATORS | Dorothy M. Hamilton Marilyn H. Garzon | Katherine J. Spencer |
| GUIDANCE NAVIGATION/ DIGITAL SYSTEMS | Roy E. Day | |
| ATTITUDE CONTROL SYSTEMS | Miles R. Robinson | |
| PROPULSION AND STRUCTURES SYSTEMS | Philip A. Strausbaugh Paul E. Dixson | |
| ELECTRICAL NETWORK SYSTEMS | Roger T. Goers | |
| RESEARCH WRITER FOR MISSION COMMENTATORS | Douglas K. Ward | |

Add 10
Flight Controllers

RECOVERY CONTROL ROOM

POSITION

SHIFT 1

SHIFT 2

RECOVERY DISPLAY

Fred H. Wrinkle
Richard W. Blakley

RECOVERY EVALUATOR

Charles R. Walker
Richard D. Snyder
Charles C. Filley

RECOVERY STATUS

Charles D. Anderson

METEOROLOGY (Weather)

Alan N. Sanderson
Roger K. Carter
Edward F. Mitros
Richard K. Siler

RECOVERY COORDINATOR

Ryborn R. Kirby

ASSISTANT RECOVERY
COORDINATOR

Francis G. Abernethy

Add 11
Flight Controllers

SPACECRAFT ANALYSIS SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> |
|------------------------|---|--|
| SPAN | James E. Saultz Charles V. Whitmore | James E. Hannigan Frank L. Edelin |
| PROGRAM OFFICE SUPPORT | Alfred D. Mardel John B. Lee William C. Fischer John D. Lobb Sidnay C. Jones, Jr. Jean L. Petersen Karren Hollenbeck James Tomberlin | Owen E. Maynard Phillip M. Deans Leonard Nelson John Vincze William M. Speier Stanley M. Blackmer William McKenzie |
| USB SYSTEM | Howard C. Kyle Jack W. Seyl | Arthur D. Travis Louto J. Braquet |

FLIGHT DIRECTOR SSR

| | | |
|--------------------------------|--|---------------------|
| FLIGHT PLANNING | Elvin B. Pippert | Darrel D. Greenwell |
| CREW PROCEDURES | R. Terry Neal | Charles O. Lewis |
| PLANS | Axel M. Larsen Robert G. Britton | Harley Weyer |
| REQUIREMENTS CHANGE CONTROL | Otho C. Lindsey | James E. Wallace |
| COMMAND DATA FLOW SUPPORT | James L. Kitchen | Jay E. Connors |
| TM DATA FLOW SUPPORT | James A. Ippoliti | Edward B. Beatty |
| BACK-UP DATA FLOW SUPPORT | Joseph E. Johnston Harold B. Stenfors | Fred R. Sanders |

FLIGHT DYNAMICS SSR

| | |
|---------------|-------------------|
| FIDO SUPPORT | Stewart L. Davis |
| RETRO SUPPORT | Thomas E. Weichel |
| UIDO SUPPORT | Stephen G. Bales |

Add 12
Flight Controllers

SSR/RTACF

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> |
|---------------------------------------|---|----------------|
| TRAJECTORY SUPPORT CHIEF | Larry Davis | |
| ASSISTANT TRAJECTORY SUPPORT CHIEF | Hector Garcia | |
| MANEUVER SPECIALIST | Edwin G. Dupnick | |
| LGC SPECIALIST | Jason F. Kastelic John R. Garman Tom G. Price | |
| POST FLIGHT OBSERVER | Donald J. Incerto Ben F. McCreary William R. Lacy | |
| ENGINEERING AIDE | Judy Ferstel | |

AUXILIARY COMPUTING ROOM

| | |
|-----------------------|--|
| ACR CHIEF | E. Ray Hischke |
| TRAJECTORY CONSULTANT | Robert S. Merriam Viet Hanssen Ron D. Davis J. Fred Martin Vince R. Dragotta |
| PROGRAM CONSULTANT | Heibert G. Epps John G. Heyen Bill J. Williams |
| RUN COORDINATOR | Jim E. Friebele David Womack Diana Dutcher |
| ENGINEERING AIDE | Priscilla Lankford |

\dd 13
Flight Controllers

REAL-TIME COMPUTER COMPLEX

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> |
|-------------------------------|--|----------------|
| COMPLEX SUPERVISOR | Elden G. Clayton John C. Koester Roger W. Forte | |
| TRACKING DATA SELECT | Baily L. Corbett Earl L. Shintaugh Robert A. Folk John L. Morrison Joe W. Driesbach | |
| COMPUTER COMMAND | Gary K. Luther Eugene L. Campbell | |
| PRINTER CONTROLLER | John T. Hatch, III Rich L. Philips Ronald E. Vis John M. Burt William N. Chastang Donald W. Pittman Michael J. Carey Leonard L. Gaily John P. Ware | |
| DYNAMICS | Roland B. Williams Daniel G. Nicholas | |
| COMPUTER TM | James R. Roundtree William A. Lybarger James D. Bagwell Douglas B. Sperry | |
| CMCC (Specialists-Trajectory) | Thomas M. Conway Gary L. Warner Ralph T. Simiermeyer Terence L. Smith James H. Dobbins | |

Apr 14

Flight Controllers

CCATS

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

REAL-TIME COMMAND

Glenn A. Spears

Earl V. Carr

CCATS COMMAND

John T. Bowen
Eldon Payne

Eugene M. Isaiah
Charles M. Horstman

Richard J. Stachurski
James E. Mager
Roger F. Brant

CP

Fred A. Patterson
Peter J. Vials

Glyn R. LeBlanc
William E. Bryant

David L. Pitts
Albert R. Becker

CCATS COMMUNICATIONS

Charles T. Ritchie
Marcus D. Garner
Donald Snyder

Charles W. Busch
Raymond L. Smith

Oliver E. Allen
Stephen Richards

CCATS TRACKING

Ralph M. Mason
Kenneth D. McDonald
Thomas J. Lubischer

Edward W. Pickett
Donald E. Halter
Thomas Sheehan

Donald E. Webb
Walter E. Soetaert

TELEMETRY INSTRUMENTATION
CONTROLLER

Wayne B. Boatman
Orlis V. Pike

Robert E. Dunham
August H. Degner

Albert McLaughon
Fidel Rul

Add 15
Flight Controllers

AEROMED SSR

POSITION

SHIFT 1

SHIFT 2

AEROMED

G. Fred Kelly, M. D.
Kenneth N. Beers, M. D.
William R. Carpentier, M. D.
John F. Zieglschmid, M. D.
Clarence Jernigan, M. D.
Roy Fagin, M. D.
Robert K. Leet, M. D.

ENVIRONMENTAL CONTROL
SYSTEMS

Richard E. Mayo James C. Brady
Frank R. Elliott Frank Collier
 Daniel A. Samela

Add 16
Flight Controllers

APOLLO 5 REMOTE SITE MANNING

| <u>SITE</u> | <u>CAPCOM</u> | <u>LM SYSTEMS</u> | <u>BSE</u> | <u>TELEMETRY</u> |
|-------------|---|---|--|------------------|
| CRO | Gary B. Scott Charles R. Lewis- (Back-up) | Harold A. Loden Hershel R. Perkins (Back-up) | James F. Park Paul A. Hoffman - (Back-up) | |
| CSQ | James R. Fucci Charles R. Lewis- (Back-up) | Robert D. Legler Robert H. Heselmeyer James E. Saultz- (Back-up) | Myron C. Hayes Paul A. Hoffman - (Back-up) | |
| RKV | Lawrence S. Canin Charles R. Lewis- (Back-up) | Charles L. Gruby Richard A. Thorson James E. Saultz- (Back-up) | | |
| RSC | | | | Jack C. Flatt |

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APOLLO NEWS CENTER
MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NEWS RELEASE #1

April 1, 1968

Subject: Flight Controllers for Apollo 6

From launch to recovery, centralized control of the Apollo 6 flight will be provided by the Mission Control Center in Houston. Two teams of flight controllers and support personnel will man the MCC.

The ~~countdown~~ team of flight controllers will report on site at T-14 in the terminal count and stay through a built-in six-hour hold before being relieved at T-3 hours. The prime team of flight controllers will come on duty at T-3 hours in the count and man their positions through spacecraft landing, which is scheduled to occur about 9 hours and 50 minutes after liftoff from the Kennedy Space Center in Florida.

Real-time in-flight analysis of the mission as associated with trajectory and vehicle systems will be the flight control function of the MCC as augmented by the various tracking sites along the path of the flight.

The Apollo 6 mission director for the flight is William C. Schneider from the Office of Manned Space Flight, NASA Headquarters. He will be responsible for the overall conduct of the mission.

Christopher C. Kraft Jr., Director of Flight Operations at the Manned Spacecraft Center will man the Flight Operations Director console in MCC during major phases of the mission in his capacity as head of flight operations at MSC.

Department of Defense support of the mission will be headed by Air Force Maj. Gen. Vincent G. Huston, DOD Manager, Manned Space Flight Operations, Andrews AFB, Washington, D.C. DOD support includes launch site services, tracking facilities and necessary forces for recovery operations.

Flight Director for the Apollo 6 mission will be Clifford E. Charlesworth. He will be responsible for implementation of the mission objectives and making changes on an as-necessary basis that could affect the flight plan and/or mission rules.

Charlesworth, 36, was born in Redwing, Minn. He was graduated from Mississippi College, Clinton, Miss., with a BS degree in physics and has been

-more-

Add 1

News Release #1

with NASA since April 1962. He was flight director on the last four Gemini flights and was backup flight director on Apollo 4.

Assistant Flight Directors for Apollo 6 will be William E. Platt Jr. and Jones W. Roach. During the mission they will assist the flight director in the detailed control of the mission and assume full responsibility during the absence of the flight director from the control room.

Platt, 32, was born in Wink, Texas. He was graduated from the University of Southwestern Louisiana with a BS degree in mechanical engineering, and joined NASA in April 1962.

Roach, 34, was born in Richmond, Virginia. He was graduated from VMI with a BS degree in electrical engineering, and joined NASA in September 1962.

Operations and Procedures Officers for the mission will be Richard H. Sutton and Harold M. Draughon. They will be responsible to the flight director and assistant flight director for detailed implementation of the MCC/MSFN mission control procedures and for coordinating and controlling the group displays, and clocks in the control room.

Booster Systems Engineers for the Apollo 6 mission will be Robert W. Wolf, Miles R. Robinson, Philip J. Strausbaugh, Carl E. Amos, J. Franklin Park and Robert W. Puschinsky. They will be responsible to the flight director for monitoring the Saturn Launch Vehicle propulsion system, propellant containers and pressurization systems. They will also monitor and evaluate the status of the Saturn 5 digital computer system, navigation and guidance system, attitude control system and sequential system.

The Electrical, Environmental and Communications Systems Engineers for the mission will be William C. Burton, Charles L. Dumis, and Thomas R. Loe. They will be responsible for monitoring the operation of the electrical power system, the environmental control system, communications system and instrumental and sequential systems.

Control position in MCC for the mission will be manned by Joseph E. Borches III, and Richard W. Kalishek. They will be responsible to the flight

-more-

Add 2

News Release #1

director for taking over manual control of the spacecraft if the spacecraft guidance system fails.

Guidance, Navigation and Control officers for Apollo 6 will be John A. Kamman and Briggs N. Willoughby. They will be responsible to the flight director for monitoring spacecraft guidance and propulsion systems.

Flight Dynamics Officers for the mission will be Jay H. Greene, Jerry C. Bostick and George Guthrie. They will be responsible to the flight director for monitoring the powered phase of the mission, orbital events, and trajectories from the standpoint of mission success.

Guidance Officers for Apollo 6 will be Neil B. Hutchinson, Stephen Bales, and Granville E. Paules. They will be responsible to the flight director for monitoring guidance, sequential and propulsion systems.

Retro controllers for the mission will be William P. Gravett, John S. Llewellyn, and James M. Payne. They will be responsible to the flight director for determination and transmission of retrofire times, either in the event of an abort, or the landing at the end of an orbit, or the landing at the end of the nominal mission.

Network Controllers for the Apollo 6 mission will be Ernest L. Randall, Douglas Wilson, George Egan and Larry Loner. They will be responsible to the flight director for capability of the network instrumentation required to support the flight.

The Public Affairs team for Apollo 6 is John E. McLeaish and Walter S. Fruiland. They will be responsible for relaying to the news media all vital information concerning the mission.

The Recovery Operations Control Room in MCC will be manned by Harold E. Granger, recovery coordinator; Joe R. Vice, assistant coordinator; Francis G. Abernethy and William G. Robinson, recovery display; Richard D. Snyder and Fred H. Wrinkle, evaluator; and Richard W. Blakley and Raymond S. Watson, status.

Manning the Kennedy Space Center Recovery Control operation will be Ryborn R. Kirby and John H. Cooper.

-more-

Add 3

News Release #1

The recovery deactivation team for Apollo 6 will be Rod Bass and John Hirasaki.

Recovery representatives in Norfolk, Va. will be Edward C. Bullock and Laurence Roberts.

Kunia, Hawaii recovery operations will be manned by Donald E. Stulken and Charles R. Walker.

The Moron, Spain recovery operation will be manned by John Hoover.

In the Atlantic recovery zone the LST Austin (Ship No. 1) will be manned by Edward B. Petrash, Frank Mabley, and James Brandenburg. The Destroyer Dupont (Ship No. 2) will be manned by R. Lane Brown. The Destroyer York County (Ship No. 3) will be manned by Charles Anderson and James Williams. The Oiler Chikaskia (Ship No. 4) will be manned by Richard C. Jacobs.

Bermuda recovery operations will be manned by Ronald J. Simantel, Ralph Culbertson and James Larey.

Lajes, Azores and the Moron, Spain recovery operations will be manned by J. Dennis Holt.

Hickham, Hawaii recovery operations will be manned by Douglas Scoggins, Don Morris, Warren Glenn, Richard Coblentz, Frank Breshears, and David E. Peterson.

Onboard the prime recovery ship the LPH (Landing Platform Helicopter) Okinawa will be Charles C. Filley, W. B. Wood, John Hirasaki, James R. Sloan, Sheridan J. Berthiaume, and Frank Janes.

Onboard the Destroyer Carpenter in the primary recovery area in the Pacific will be Wayne H. Oldfield and Gary V. Wilgus.

Other Manning assignments in addition to the above in MCC are as follows:

-more-

Add 4

News Release #1

MCC/MOCR MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> |
|---------------------------------|--|--|
| DIRECTOR OF FLIGHT OPERATIONS | Christopher C. Kraft, Jr. | |
| FLIGHT DIRECTOR | Clifford E. Charlesworth | |
| ASSISTANT FLIGHT DIRECTOR | William E. Platt, Jr. | Jones W. Roach |
| OPERATIONS AND PROCEDURES | Richard H. Sutton | Harold M. Draughon |
| BOOSTER SYSTEMS | Robert W. Wolf Miles R. Robinson Philip J. Strausbaugh | Carl E. Amos J. Franklin Park Robert W. Puschinsky |
| EECOM | William C. Burton Charles L. Dumis | Thomas R. Loe |
| CONTROL | Joseph E. Borches, III | Richard W. Kalishek |
| GNC | John A. Kamman | Briggs N. Willoughby |
| FIDO | Jay H. Greene Jerry C. Bostick | George Guthrie |
| GUIDO | Neil B. Hutchinson Stephen Bales | Granville E. Paules |
| RETRO | William P. Gravett John S. Llewellyn | James M. Payne |
| AEROMED | John F. Zieglschmid, M.D. William R. Carpentier, M.D. | Kenneth N. Beers, M.D. |
| MISSION COMMENTARY | John E. McLeaish | Walter S. Frudand |
| ASSISTANT TO MISSION COMMENTARY | Edward L. Worrell | |
| MCC PHOTOGRAPHER | Andrew Patnesky | |
| NETWORK CONTROLLER | Ernest L. Randall Douglas Wilson | George Egan Larry Lonero |
| MESSAGE COORDINATOR | Ada W. Moon Virginia Engle Nathan L. Adams | |

-more-

Add 5

News Release #1

MCC/MOCR MANNING (CONT'D)

POSITION

SHIFT 1

SHIFT 2

NASA HEADQUARTERS

MISSION DIRECTOR

William C. Schneider

ASSISTANT MISSION DIRECTOR

Chester M. Lee

APOLLO OPERATIONS DIRECTOR

John K. Holcomb

STAFF ENGINEER

Philip J. Bayer

William M. Wallace

OPERATIONS PLANNING

Robert O. Aller

PAO LIAISON

Alfred P. Alibrando

W. J. O'Donnell

R. T. Mittauer

VIP CONSOLE

Eugene L. Wright

James D. Watkins

VIP ROOM

Thomas A. Stuart

-more-

Add 6

News Release #1

FLIGHT DIRECTOR SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> |
|-----------------------------|--|------------------------------------|
| Flight Planning | Ben E. Ferguson | |
| Crew Procedures | Dickie K. Warren Michael R. Walsh | James O. Rippey Muhammed Rahman |
| Plans | Robert G. Britton Granville A. Pennington Harold Black Edward B. Beatty | |
| Requirements Change Control | Mason Hagan J. Terry Wilson Richard L. Brown | |
| Back-up Data Flow Support | Harold B. Stenfors Joseph E. Johnston Fred R. Sanders | |
| LDX Coordinator | Michael R. Solomon | Donald O. Bray |

SPACECRAFT ANALYSIS SSR

| | | |
|------------------------|---|---|
| SPAN | Arnold D. Aldrich L. William Blair | Gerald D. Griffin |
| PROGRAM OFFICE SUPPORT | Alfred D. Mardel John D. Lobb Michael M. Vucelic Karren K. Hollenbeck James L. Tomberlin Donald J. Mayhew Gary A. Coultas | Owen E. Maynard Roland L. Robertson Rolf W. Lanzkron Douglas R. Broome |

-more-

Add 7

News Release #1

VEHICLE SYSTEMS SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>Shift 2</u> |
|---|----------------------|--------------------|
| G/N | Frank DiGenova | Frank Mussato |
| PROPULSION | Albert W. Barker | John E. Walsh |
| MESSAGE COORDINATORS | Shelia A. Nice | Diana R. Guy |
| ELECTRICAL POWER SYSTEM | William J. Moon | James J. Kelly |
| COMMUNICATIONS | Thomas L. Hanchett | Joseph N. DeAtkine |
| GUIDANCE NAVIGATION/ DIGITAL SYSTEMS | William H. Shook | |
| ATTITUDE CONTROL SYSTEMS | L. Kenneth Whitfield | |
| PROPULSION AND STRUCTURES SYSTEMS | Paul E. Dixson | |
| ELECTRICAL NETWORK SYSTEMS | John A. Smith | M. Ray Coker |

AEROMED SSR

| | | |
|------------------------------|---|--|
| AEROMED | Clarence Jernigan, M.D. Robert K. Leet, M.D. | G. Fred Kelly, M.D. Roy Fagin, M.D. |
| ENVIRONMENTAL CONTROL SYSTEM | Morton Silver Lloyd V. Howard | Frank H. Samonski Robert E. Smylie John E. Whalen Donald F. Hughes Richard J. Gillen |

-more-

Add 8

News Release #1

FLIGHT DYNAMICS SSR

POSITION

SHIFT 1

SHIFT 2

FIDO SUPPORT

Maurice G. Kennedy

William M. Stoval

GUIDO SUPPORT

Charley B. Parker

RETRO SUPPORT

Bobby T. Spencer

Charles F. Deiterich

RECOVERY CONTROL ROOM

RECOVERY COORDINATOR

Harold E. Granger

ASSISTANT RECOVERY COORDINATOR Joe R. Vice

RECOVERY DISPLAY

Francis G. Abernethy
William G. Robinson

EVALUATOR

Richard D. Snyder
Fred H. Wrinkle

STATUS

Richard W. Blakley
Raymond S. Watson

-more-

Add 9

News Release #1

SSR/RTACF

POSITION

SHIFT 1

SHIFT 2

TRAJECTORY SUPPORT CHIEF

Stan D. Holzaepfel

ASSISTANT TRAJECTORY SUPPORT
CHIEF

Michael A. Collins

MANEUVER SPECIALIST

William J. Bennett
Ronny H. Moore

REENTRY SPECIALIST

Jon C. Harpold

POST FLIGHT OBSERVER

Donald J. Incerto
Ben F. McCreary
William R. Lacy

AGC SPECIALIST

John R. Garman
William C. Koelsch

John W. Jurgensen

ENGINEERING AIDE

Sandra L. Smith

AUXILIARY COMPUTING ROOM

ACR CHIEF

P. Al DiValerio

TRAJECTORY CONSULTANT

Jim Harrel
Bernard G. Schneider
J. Fred Martin
David C. McDougall
Jim W. Tolin

PROGRAM CONSULTANT

Owen Coon
Delores C. Moorehead
Dan Borkowski

RUN COORDINATOR

Jim E. Frieble
David Womac
Donald Tucker

ENGINEERING AIDE

Patsy A. Moore

-more-

Add 10

News Release #1

WEATHER ROOM

POSITION

SHIFT 1

SHIFT 2

SPACE ENVIRONMENT

Robert G. Richmond
Timothy T. White
John D. Whitler

Samuel N. Hardee
James R. Bates

METEOROLOGIST

Alan N. Sanderson
Roger K. Carter

Richard K. Siler
Edward F. Mitros

SOUND RECORDIST

Jerry D. Morris

WRITER/PRODUCER

Howard D. Wiseman

WEATHER CAMERAMAN

Charles M. Turner

Robert L. Geer

-more-

CCATS

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

REAL-TIME COMMAND

Julius M. Conditt
Lawrence D. Meyer, Jr.

Henry Jenkins

CCATS COMMUNICATIONS

Charles W. Busch
Raymond L. Smith
Steve D. Richards
Robert C. Conner

Charles T. Richie
Oliver E. Allen
Gerald J. Coppens
Roger F. Brant

Marcus D. Garner
Donald G. Snyder

TELEMETRY INSTRUMENTATION
CONTROLLER

Donald J. Flippin
Wayman B. Boatman
Robert Gonzales

Paul D. Dell'Osso
Orlis V. Pike

Fidel R. Rul
Albert D. McLaughlin
Walter R. Hrab
Norman R. Talbott

CCATS COMMAND

Albert D. Heinz

Tommy R. Watts

CCATS TRACKING

George T. Williams
Edward W. Pickett

Ralph M. Mason

Donald E. Halter

REAL-TIME COMPUTER COMPLEX

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|--------------------|---|---|--------------------------------------|
| COMPLEX SUPERVISOR | John V. Schnurbusch | Terry D. Wickham Rexfor C. Lint | Lawrence K. Tharp |
| CMCC Support | Larry A. Murrell Doyle D. Goodale Robert J. Gayle | | |
| RTCC DIRECTOR | Charles A. Lander | Kenneth M. Ramke | Edgar M. Lancaster |
| DATA SELECT | Michael R. Felix | John A. Layton | Robert D. Allen |
| COMPUTER DYNAMICS | Edward F. Schoonover R. Ray Reynolds | Robert J. Donbroski Kenneth D. Leach | Glen S. Jackson |
| COMPUTER COMMAND | William N. Babb | Raphael Sher | Robert F. Balderston |
| COMPUTER TM | Neldon J. Costin | John E. Cools, Jr. Harry R. Segnar | Daryl R. Galloway John C. Maguire |

UNITED STATES GOVERNMENT

Memorandum

TO : See attached list

DATE: **JAN 12 1967**

FROM : FA/Director of Flight Operations

SUBJECT: Flight Control Manning for AS-204

1. Attached for information, guidance, and necessary action is the current manning list for MOCR/SSR badging for AS-204. In addition, the temporary badge requirements are identified by mission elements.
2. Action required:
 - a. Security Division - Request mission badges be prepared as required.
 - b. Security Division - Request names and security clearances be provided AFETR on flight controllers who will participate at these or associated installations.
3. Only flight controllers manning positions in the MOCR will be badged for that area. Flight controllers manning positions in the SSR's will be badged for the SSR areas only. The only deviation from this procedure will be those individuals named on the automatic access list.
4. All agencies requiring personnel access not listed in the attached manning list should submit a memorandum of justification to Mr. Jimmy W. McCommis, Flight Control Division, extension 2637. These should be submitted no later than two weeks before the mission.
5. Badge request cards, MSC Form 1872, for the names listed on the enclosure to this memorandum will be prepared by the Flight Control Division and will be signed in Block 9 by Mr. Jimmy W. McCommis. Subsequent badge requests will be approved as follows: Black A's by the undersigned or Mr. Sigurd Sjoberg; Red A's by the Flight Director as appropriate.


Christopher C. Kraft, Jr.

Enclosure

FC:EIFendell:jm



Addressees:

Director
DOD Manager's Manned Space Flight Office
Patrick AFB, Florida 32925

NASA Headquarters

MO/E. E. Christensen
MO-1/C. H. Bolender
MO-3/R. O. Middleton

Goddard Space Flight Center

550/T. Roberts
552/H. Wood
553/D. Call
554/J. J. Donegan
570/G. Castels

Kennedy Space Center

DLO/G. M. Preston
DLO-1/P. Donnelly

MSFC

I-MO MGR/F. A. Speer

MSC Houston

ZR2/R. E. Colopy
GSF-L/W. B. Easter
CA/D. K. Slayton
PA/J. F. Shea
W. A. Lee
PF/R. W. Lanzkron
DA/C. A. Berry
A. D. Catterson
DD/D. O. Coons
W. L. Tomkins (3)
DD4/J. F. Zieglschmid
AP/P. Haney
AP3/M. Reim
AC/A. G. Sabin
CF/W. J. North
CF32/J. B. Jones
EC8/L. E. Bell
EF2/P. Higgins
EX4/N. G. Foster
BR6/J. J. Cavanaugh
BM43/F. E. Reid

BF73/C. Johnston
EB/P. H. Vavra
BM/D. D. Blume
BM4/E. D. Shafer
FA/S. A. Sjoberg
C. C. Critzos
R. G. Rose
B. B. Bednarczyk
FA23/L. J. Sullivan
FS/H. E. Clements
FL/J. B. Hammack
FM/J. P. Mayer
FC/J. D. Hodge
P. Saur
E. F. Kranz
C. S. Harlan
G. S. Lunnay
D. H. Owen
J. W. McCommis
D. B. Pendley
J. L. Tomberlin
R. A. Hoover
C. A. Beers
H. G. Miller
C. W. Casey
A. D. Aldrich
M. F. Brooks
A. W. Moon
S. R. Erwin (2)
G. H. Cress

AUTOMATIC BADGING FOR MCC-HOUSTON (including MOCR)

NASA HEADQUARTERS

James E. Webb
Robert Seamans
George E. Mueller
James C. Elms
Everett E. Christensen
Carroll H. Bolender
Roderick O. Middleton

DOD

Lt. General Leighton E. Davis
Major General Vincent G. Huston
Colonel Royce G. Olson
Lt. Colonel William T. Coleman
Commander Robert E. Colopy
Lt. Colonel E. Weber Ivy
Major Hugh Miller
Captain Clarence G. Kravec

MSC

Robert R. Gilruth
George M. Low
Robert O. Piland
Robert E. Vale
Paul Haney
Richard S. Johnston
Donald K. Slayton
Alan B. Shepard
Christopher C. Kraft, Jr.
Sigurd A. Sjoberg
John P. Mayer
Jerome B. Hammack
Henry E. Clements
John D. Hodge
Warren J. North
Joseph F. Shea
William A. Lee
J. Thomas Markley
Kenneth S. Kleinknecht
Rodney G. Rose
Carl Kovitz
Phillip N. Barnes
Robert H. Jones
Charles A. Berry, M. D.
Allan D. Catterson, M. D.
D. Owen Coons, M. D.

-Director
-Deputy Director
-Manager, Experiments Program Office
-Deputy Manager, Experiments Program Office
-Public Affairs Officer
-Chief, Crew Systems Division
-Director of Flight Crew Operations
-Chief, Astronaut Office
-Director of Flight Operations
-Deputy Director of Flight Operations
-Chief, Mission Planning and Analysis Division
-Chief, Landing and Recovery Division
-Chief, Flight Support Division
-Chief, Flight Control Division
-Chief, Flight Crew Support Division
-Manager, Apollo Spacecraft Program Office
-Assistant Manager, Apollo Spacecraft Program Office
-Assistant Manager, Apollo Spacecraft Program Office
-Assistant Manager, CSM, Apollo Spacecraft Program Office
-Technical Assistant for Apollo, Flight Operations Directorate
-Technical Assistant for Apollo, Flight Operations Directorate
-Control Center Support, Flight Support Division
-M and O Philco
-Director of Medical Research and Operations
-Medical Assistant to the Director of Medical Research & Operations
-Chief, Medical Operations Office

MCC-H/MOCR MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|-------------------------------|---|----------------------|--|
| FLIGHT DIRECTOR | Christopher C. Kraft, Jr. | Eugene F. Kranz | John D. Hodge |
| ASSISTANT FLIGHT DIRECTOR | Charles S. Harlan | Lawrence S. Canin | Jones W. Roach |
| OPERATIONS & PROCEDURES | William Molnar, Jr. | Larry W. Keyser | John H. Temple |
| FLIGHT SURGEON | Charles A. Berry | D. Owen Coons | Alan D. Catterson |
| S/C COMMUNICATOR | James A. Lovell | Neil A. Armstrong | Allen L. Bean |
| BOOSTER SYSTEMS ENGINEER | Charles W. Casey Dexter H. Burdeshaw Robert W. Wolf | | |
| GUIDANCE CONTROL | Gerald D. Griffin | Briggs N. Willoughby | Arnold D. Aldrich Talivaldis K. Sulmeisters |
| EECOM | Richard D. Glover | Thomas R. Loe | William C. Burton John W. Aaron |
| FIDO | Philip C. Shaffer Jerry C. Bostick | Maurice G. Kennedy | H. David Reed |
| GUIDO | Willard S. Presley Granville E. Paules | Walter W. Wells | Manfred H. Von Ehrenfried |
| RETRO | John S. Llewellyn | Charles F. Deiterich | James M. Payne |
| FLIGHT ACTIVITIES OFFICER | W. A. Anderson | Jeremy B. Jones | John B. Cotter |
| EXPERIMENT ACTIVITIES OFFICER | James R. Bates | Henry B. Fisher | Merril A. Lowe |
| VIP ROOM | Carl B. Shelley | | |

MCC-H/MOCR MANNING (cont'd)

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

NETWORK CONTROLLER

Ernest L. Randall

Richard G. Ayers

Lawrence Lonero

ASSISTANT NETWORK
CONTROLLER

John W. Hatcher

George M. Egan, Jr.

Douglas R. Wilson

PUBLIC AFFAIRS OFFICER

Paul Haney

Bennett James

Robert T. White

ASSISTANT DIRECTOR

Allison M. Bond

Saul B. Weil

Edward L. Worrell

SYSTEMS P-TUBE OPERATOR

Donald O. Bray

Ernest L. Starling

NASA HEADQUARTERS

MISSION DIRECTOR

Carroll H. Bolender

Roderick O. Middleton

Chester M. Lee

John K. Holcomb

Robert O. Aller

G. Robert Blicht

Robert B. Sheridan

COMPUTER CONTROL SSR

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

COMPLEX SUPERVISOR

Neil Hutchinson

Roger W. Forte

John C. Koester

HIGH SPEED DATA
SELECT

Bailey L. Corbett

Ewald G. Kuehn

John L. Morrison

LOW SPEED DATA
SELECT

Robert A. Folk

Robert D. Allen

Joe W. Driesbach

COMPUTER DYNAMICS

Gene D. Carlow

Robert E. Oliver

James H. Summers

Roland B. Williams

Sandra Lenz

Daniel G. Nichols

COMPUTER COMMAND

Freddie R. Heath
James H. Dobbins

James L. Reece

John C. Broughton

COMPUTER TELEMETRY

James R. Roundtree

W. Lybarger

Douglas B. Sperry

BOOSTER SYSTEMS SSR

GUIDANCE NAVIGATION/
DIGITAL

William H. Shook

Paul A. Hoffman

ATTITUDE CONTROL SYSTEMS

Lawrence K. Whitfield

Miles R. Robinson

PROPULSION & STRUCTURES
SYSTEMS

Phillip J. Strausbaugh

Ronald A. Ammons

ELECTRICAL NETWORK
SYSTEMS

John A. Smith

Roger T. Goers

VEHICLE SYSTEMS SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|-------------------------------------|---|---|--|
| ELECTRICAL POWER SYSTEM/SEQUENCE | Charles M. Jones | David R. Lund | John A. Delmont James J. Kelly |
| COMMUNICATION/ INSTRUMENTATION | Thomas E. Hanchett | Richard T. Brown | Joel V. Fears |
| PROPULSION | Joseph E. Borches | John A. Kamman Bartus H. Batson | William A. Fretwell |
| GUIDANCE & NAVIGATION | Frank J. Mussato Gary E. Coen | Alfred P. Sanders | Richard W. Kalishek Antonio I. Chavez |
| MIT SUPPORT | Americo P. Aruffo | Salvi J. Laquidara | |
| TTY OPERATOR | Ada W. Moon | Dorothy M. Westover | Evelyn D. Langford |
| S-BAND SUPPORT | Howard C. Kyle Donald A. Travis D. L. Brunn | Clyde J. Stoker James W. Bailey J. F. De Witt | Jack W. Seyl Robert W. Moorehead |
| EXPERIMENT SYSTEMS | Charles L. Dumis | Ted A. White | Myles E. Franklin |

SSR/RTACF

SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|---------------------------------------|--|---|---|
| TRAJECTORY SUPPORT CHIEF | Michael A. Collins, Jr. | Larry D. Davis | Charles E. Allday |
| ASSISTANT TRAJECTORY SUPPORT CHIEF | Thomas Carter | Stanley D. Holzaepfel | Hector Garcia |
| LAUNCH SPECIALIST | Herbert S. Estes | | |
| MANEUVER SPECIALIST | Robert Regelbrugge | | |
| REENTRY SPECIALIST | David W. Heath | | Oliver Hill |
| AGC SPECIALIST | Stanley P. Mann | | |
| ENGINEERING AIDE | Mary McKee | Di Ann Sneed | Faye Permenter |
| | Patsy Ann Moore | | Sandra DeWitt |
| POST FLIGHT OBSERVER | Donald J. Incerto | | |
| | | <u>RTACF</u> | |
| RTACF CHIEF | Richard Kincade | E. Ray Hischke | M. Williamson |
| TRAJECTORY CONSULTANT | Alexie H. Benney A. Treadway David J. Griffith Oliver Hill William A. Reini Jerome W. Kahanek | William R. Pruett J. Terry Edward J. Archibald Jim V. Butler | Michael E. Donahoo James R. Larey Fred Martin |
| PROGRAM CONSULTANT | Darold B. Franklin | Loyd M. Quinn | Donald L. Ward |
| | George B. Rousch | James D. Borkowski | |
| RUN COORDINATOR | Kenneth Williams | Edward L. Beck | James E. Friebele |
| ENGINEERING AIDE | Penelope McGowen | | Gloria Dery |

AEROMED SSR

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

AEROMED

John F. Zieglschmid

Kenneth N. Beers

Phillip N. Freedland

H. Russell Hair, II

Emmett B. Ferguson

Lonnie Hammargrand

AEROMED 3

Judith B. Banks

Patricia McBride

Evelyn Lindquist

Jackie Rogers

Rose Ostrum

Carol Yeager

Sharon Hardy

ENVIRONMENTAL CONTROL
SYSTEMS

Morton Silver

Lloyd V. Howard

Hubert V. Gregan

LIFE ENVIRONMENT
SPECIALISTS

Frank H. Samonski, Jr.

Donald F. Hughes

Richard J. Gillen

Walter W. Guy
John E. Whalen

Larry E. Bell

Charles N. Crews

FLIGHT DYNAMICS SSR

GUIDO

Charley B. Parker

Kenneth W. Russell

FIDO

Jay H. Greene

George C. Guthrie

Stewart L. Davis

RETRO

James E. I'Anson

Bobby T. Spencer

William P. Gravett

WEATHER

SPACE ENVIRONMENT CONSOLE

David A. Beckman

William P. Gatlin

John L. Shone

John D. Whitler

Harold Black

SPACECRAFT ANALYSIS ROOM

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

SPAN

L. William Blair

Louis A. DeLuca

Johnny L. Ferry

PROGRAM OFFICE SUPPORT

A. D. Mardel

W. H. Taylor

Allan W. Joslyn

Owen E. Maynard

Aaron Cohen

R. W. Lanzkron

K. L. Nelson

Frank H. Beardsley

J. P. Loftus

Sidnay C. Jones, Jr.

John D. Lobb, Jr.

Donald J. Mayhew

Jerry W. Craig

Robert E. McKann

William M. Speier

Charles R. Haines

Susan M. Cardenas

FLIGHT DIRECTOR SSR

Edward B. Beatty

PLANS

James O. Covington

Billy T. Hervey

William G. Bastedo

CREW PROCEDURES

Richard B. Benson

Charles Davis

Leonard J. Riche

CREW EXPERIMENTS

George Laski

Leslie L. Jepsen

Richard E. Thompson

EXPERIMENT ACTIVITY
SUPPORT

James E. Duvall

Roland Travis

Richard F. Schultheiss

REQUIREMENTS CHANGE
CONTROL

Richard L. Brown, Sr.

Ronald J. Duhon

Carroll D. Buford

DATA FLOW SUPPORT

Edward L. Dunbar

Joseph E. Johnston

Donald C. Eaton

CCATS

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|--|---------------------|--------------------|-------------------|
| REAL TIME CMD CONTROLLER | Earl V. Carr | Thomas Guy | Lawrence D. Meyer |
| CMD LOAD CONTROLLER | Thomas A. Stuart | Roger F. Brant | James C. Kitchen |
| CCATS CMD CONTROLLER | James E. Mager | Thomas R. Watts | Glenn H. Spears |
| CCATS COMPUTER CONTROLLER | Max C. Smith | Glyn R. LeBlanc | Billy D. Janeway |
| TLM INSTRUMENTATION CONTROLLER | Walter B. Hrab | Donald J. Flippin | Jerry E. Brown |
| CCATS TLM CONTROLLER | August H. Degner | Robert Gonzales | Wayman B. Boatman |
| INSTRUMENTATION TRACKING CONTROLLER | Thomas J. Lubischer | G. Thomas Williams | Donald E. Webb |
| | Eugene L. Wright | Ralph M. Mason | Joseph L. James |

AS-204 REMOTE SITE MANNING

| <u>SITE</u> | <u>CAPCOM</u> | <u>EECOM</u> | <u>GNC</u> | <u>SIVB</u> |
|-------------|--------------------|--|---------------------|-----------------------------------|
| CRO | Charles R. Lewis | Richard F. Polmanteer | Joseph Fuller, Jr. | Roy E. Day William E. McCumber |
| VAN | Edward I. Fendell | William L. Wafford Joseph N. DeAtkine | Robert F. Grasmeder | |
| CSQ | Harold M. Draughon | Richard A. Gardner | William J. Strahle | |
| RKV | Gary B. Scott | William J. Moon | Frank Digenova | |
| GYM | A. Stuart Davis | Eugene W. Burrill Floyd E. Claunch | Gene F. Muse | Myron C. Hayes |

AEROMEDS

| | | |
|-----|------------------------|--------------------------|
| CRO | Wing Cdr. L. N. Walsh | T. C. Brown |
| VAN | G. Fred Humbert | Cdr. Samuel A. Youngman |
| CSQ | Major James F. Whitmer | Captain Burton H. Kaplan |
| RKV | Cdr. Robert W. Maher | Major Jefferson C. Davis |
| GYM | C. Doug Henderson | Major Robert M. Rowden |

TEMPORARY BADGE REQUIREMENTS
FOR MOCR/SSR

| <u>ORGANIZATION</u> | <u>MOCR</u> | <u>SSR</u> |
|------------------------|-------------|------------|
| Flight Dynamics | 3 | 9 |
| Flight Crew | 1 | NA |
| Booster Systems | 4 | 8 |
| ASPO/A. D. Mardell | 3 | 10 |
| Procedures | 1 | 3 |
| AFD | 1 | 3 |
| Aeromed | 1 | 1 |
| Weather | 2 | 1 |
| Network/DOD | 4 | 6 |
| PAO | 1 | NA |
| FAO | 2 | 5 |
| EPO | NA | 2 |
| EAO | 1 | 3 |
| FCD | 2 | 0 |
| EECOM/FCD | 1 | 3 |
| GNC/FCD | 1 | 3 |
| L. W. Blair/NAA | 1 | 3 |
| FSD | 3 | 0 |
| PHILCO (includes SWBT) | | |
| Comm | 3 | 5 |
| Display | 6 | 12 |
| TIM | 0 | 2 |
| Tech Ops | 2 | 0 |
| Flight Director | 2 | 0 |

TEMPORARY BADGE REQUIREMENTS FOR MOCR/SSR (continued)

| <u>ORGANIZATION</u> | <u>MOCR</u> | <u>SSR</u> |
|---|-----------------|------------|
| Flight Support Division (to be kept at the console in the second floor Viewing Room) | 6 (with V's) | |
| J. M. Satterfield | 2 temporary V's | |
| Tech Services Division | 0 | 6 |

UNITED STATES GOVERNMENT

Memorandum

+ 2267

TO : See attached list

DATE: SEP 17 1968

FROM : FA/Director of Flight Operations

SUBJECT: Flight Control Manning for Apollo 7

1. Attached for information, guidance, and necessary action is the current manning list for MOCR/SSR badging for Apollo 7. In addition, the temporary badge requirements are identified by mission elements.

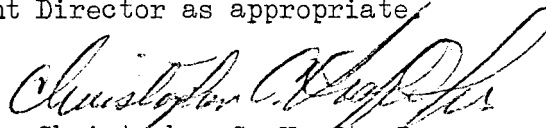
2. Action required:

a. Security Branch - Request mission badges be prepared as required.

b. Further, request names and security clearances be provided AFETR on flight controllers who will participate at these or associated installations.

3. All agencies requiring personnel access not listed in the attached manning list should submit a memorandum of justification and MSC Form 1872 to Mr. Cecil E. Dorsey, Flight Control Division, extension 2637. These should be submitted no later than two weeks before the mission.

4. As required by Security, badge request cards, MSC Form 1872, for the names listed on the enclosure to this memorandum will be prepared by the Flight Control Division and will be signed in Block 9 by Mr. Eugene F. Kranz. Subsequent badge requests will be submitted and approved as follows: Black A's by the undersigned or Mr. Sigurd A. Sjoberg; Red A's by the Flight Director as appropriate.


Christopher C. Kraft, Jr.



9/17/68

077-54

CONTINUING ACCESS LIST FOR MISSION CONTROL CENTER*

NASA HEADQUARTERS

James E. Webb
George E. Mueller
Samuel C. Phillips
George H. Hage
John D. Stevenson
Alfred P. Alibrando
Edgar M. Cortwright
William C. Schneider

DEPARTMENT OF DEFENSE

Major General Vincent G. Huston
Major General David M. Jones
Colonel Royce G. Olson
Colonel James G. Smith
Commander Robert E. Colopy
Commander Robert P. Gaardner
Lt. Colonel T. G. A. Welch
Major John F. Rapp

MANNED SPACECRAFT CENTER

Robert R. Gilruth
George S. Trimble
Paul Haney
William B. Easter
Donald K. Slayton
Alan B. Shepard, Jr.
Warren J. North
Charles A. Berry, M.D.
Allen D. Catterson, M.D.
D. Owen Coons, M.D.
W. Royce Hawkins, M.D.
Richard S. Johnston
Christopher C. Kraft, Jr.
Sigurd A. Sjoberg
Rodney G. Rose
Eugene F. Kranz
Jerome B. Hammack
John P. Mayer
Howard W. Tindall, Jr.
Lynwood C. Dunseith
John A. Frere, Jr.
Samuel D. Sanborn
Phillip N. Barnes
Robert H. Jones
George M. Low
Carroll H. Bolender
Kenneth S. Kleinknecht
Scott H. Simpkinson
Aleck C. Bond
James H. Moore

*Updated for Apollo 7

MCC/MOCR MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|-------------------------------|---|---------------------------------------|--------------------------------------|
| DIRECTOR OF FLIGHT OPERATIONS | Christopher C. Kraft, Jr. | | |
| FLIGHT DIRECTOR | Glynn S. Lunney | Eugene F. Kranz | Gerald D. Griffin |
| ASSISTANT FLIGHT DIRECTOR | Edward I. Fendell | Perry L. Ealick | Charles S. Harlan |
| BOOSTER SYSTEMS #1 | William L. Brady | | |
| BOOSTER SYSTEMS #2 | W. Howell Hooper | | |
| FAO | Charles L. Stough | Tommy W. Holloway | William M. Anderson |
| OPERATIONS AND PROCEDURES | William Molnar, Jr. | Larry W. Keyser | John H. Temple |
| FIDO | Philip C. Shaffer | Jay Greene William J. Boone, III | Stewart L. Davis Jerry C. Bostick |
| GUIDO | Willard Presley J. Gary Renick | Stephen Bales Charley B. Parker | Granville E. Paules |
| RETRO | John S. Llewellyn | Thomas E. Weichel David V. Massaro | James M. Payne |
| PAO | Paul Haney | John E. Riley | Bennett W. James |
| PAO CONSOLE ASSISTANT | Charles A. Biggs <i>AL BOND</i> | Dr. Matt L. Story | Vernon E. Powell |
| MCC PHOTOGRAPHER | Andrew Patnesky | | |
| GNC | Briggs N. Willoughby Lawrence S. Canin | John A. Kamman | William J. Strahle Gary E. Coen |
| EECOM | John W. Aaron | William C. Burton | Thomas R. Loe Charles L. Dumis |

MCC/MOCR MANNING CONT'D

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|----------------------------|--|----------------------------------|--------------------------------------|
| PAO LIAISON | Milton Reim | | |
| NETWORK CONTROLLER | Ernest L. Randall Douglas R. Wilson | George D. Ojalehto Thomas Guy | George M. Egan John A. Monkvic |
| SURGEONS | W. R. Hawkins, M.D. | J. F. Zieglschmid, M.D. | Kenneth N. Beers, M.D. |
| CAPCOMS | Thomas P. Stafford John L. Swigert | Ronald E. Evans John W. Young | William R. Pogue Eugene A. Cernan |
| <u>NASA HEADQUARTERS</u> | | | |
| MISSION DIRECTOR | William C. Schneider | Chester M. Lee | Thomas H. McMullen |
| ASSISTANT MISSION DIRECTOR | John K. Holcomb Robert C. Turgeon | Fred E. Stout | William M. Wallace |
| OMSF PAO | Alfred P. Alibrando | | |

VEHICLE SYSTEMS SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|---|---|-------------------------------------|--|
| EPS | William J. Moon Lyle M. VandeZande | James J. Kelly | Joseph L. Pringle |
| COMMUNICATIONS | Joseph N. DeAtkine* William P. MacGregor | Richard T. Brown* | Thomas L. Hanchett* |
| PROPULSION | Joseph E. Borches Albert W. Barker | Orville J. Hokscho John E. Walsh | Nathan J. Adams William G. Weppner |
| G/N | Frank J. Mussato Gerald P. Walsh | Frank DiGenova | Richard A. Precourt Charles T. Essmeier |
| MESSAGE COORDINATORS | Ada W. Moon* | Frances R. Vasquez | O. Diann Merrell |
| BSE PROPULSION AND STRUCTURES SYSTEMS | Paul E. Dixon T. E. Ward | | |
| BSE CONSUMABLES | Richard A. Palmer | | |
| BSE ATTITUDE CONTROL SYSTEMS | Myron C. Hayes | | |
| BSE ELECTRICAL NETWORK SYSTEMS | Rodger T. Goers | | |
| BSE GUIDANCE NAVIGATION/DIGITAL SYSTEMS | Roy E. Day | | |

*Will require MOCR Badging

SPACECRAFT ANALYSIS SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|---|--|---------------------|---------------------------------------|
| SPAN TEAM LEADER | Owen E. Maynard | Donald D. Arabian | Aaron Cohen |
| SPAN/45 OPERATIONS INTEGRATION | John D. Lobb | | |
| CSM PROJECT ENGINEER | Terry L. Whalen Rolf W. Lanzkron | Dan A. Nebrig | Douglas R. Broome Donald J. Mayhew |
| DISPLAY CONTROL | Roy Golub Paul Sobolik | Joseph L. Shady | Eldon Jeffers |
| SPACECRAFT SYSTEMS OPERATIONS & PLANS | William R. Morrison | Richard M. Kohrs | Charles M. Glancey |
| NR REP CHIEF | Michael M. Vucelic | | |
| FLIGHT CONTROL DIVISION REPRESENTATIVE | Arnold D. Aldrich* L. William Blair * | Neil B. Hutchinson* | Seymour A. Liebergot* |

*Requires green MOCR badge as position entails both SSR and MOCR responsibilities

FLIGHT DIRECTOR SSR

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

MRE

Bobby L. Kyle

DATA FLOW SUPPORT

Edwin B. Beatty

RCC

James E. Wallace

FLIGHT CREW PROCEDURES

John V. Rivers

Wood Calvert

Gordon Teveldahl

FLIGHT CREW EXPERIMENTS

George Laski

Gerald L. Shinkle

Robert H. Nute

FLIGHT CREW ANALYSIS MANAGER

Helmut A. Kuehnel

CLERICAL SUPPORT

Virginia Ellis

Barbara McClelland

Nathan Leech

PLANS

Donald E. Holkan
Barry M. Wolfer

Harley L. Weyer

Granvil A. Pennington

MISSION STAFF ENGINEER

Manfred H. von Ehrenfried James L. Tomberlin

M. Wayne Beheler

FLIGHT DYNAMICS SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|---------------------------------------|---|---------------------------------------|--|
| TRAJECTORY SUPPORT CHIEF | Charles E. Allday | Stan D. Holzaepfel | Larry D. Davis |
| ASSISTANT TRAJECTORY SUPPORT CHIEF | E. Ray Hischke | | Hector Garcia |
| REENTRY SPECIALIST | David W. Heath Oliver Hill | | |
| POSTFLIGHT OBSERVER | Donald J. Incerto Ben F. McCreary | William R. Lacy | Frank J. Smith |
| RENDEZVOUS SPECIALIST | Kenneth A. Young | | |
| MANUEUVER SPECIALIST | Robert R. Regelbrugge | | |
| PRE-LAUNCH IP SPECIALIST | Samuel R. Newman | | |
| AGC SPECIALIST | John R. Garman Claude D. Sykes | John W. Jurgensen Walter S. Ankney | Frances J. Kastellic Garner R. Kimball |
| ENGINEERING AIDES | Patsy Moore Gwendolyn Arrington Charlotte Toole | Evelyn D. Langford | Susan Hallmark Pricilla Lankford Carolyn Trigg |
| CONSTANTS SPECIALIST | Michael A. Collins | | |
| | <u>SSR/RTACF</u> | | |
| ACR CHIEF | C. Dan Chenoweth | Ronald D. Davis | P. Al DiValerio |
| RUN COORDINATORS | Diana R. Wiggins | David Womack | Jim F. Frieble |

RECOVERY CONTROL ROOM

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|--------------------------------|----------------------|--------------------|---------------------|
| RECOVERY COORDINATOR | Jerome B. Hammack | John C. Stonesifer | H. E. Granger |
| ASSISTANT RECOVERY COORDINATOR | Francis G. Abernethy | Edward C. Bullock | John E. Hoover |
| EVALUATOR | R. S. Watson | Charles R. Walker | William G. Robinson |
| STATUS | George L. Richeson | Gary V. Wilgus | John H. Cooper |
| SECRETARIAL | Nancy C. Pollock | Penny J. Cooke | |
| ASPO RECOVERY REPRESENTATIVE | Donald T. Hamilton | | |

WEATHER ROOM

| | | | |
|-------------------------|---|---|--|
| METEOROLOGIST | Alan N. Sanderson Ken Nagler Richard L. Urbanak | Richard K. Siler Edward F. Mitros | Roger K. Carter Searl E. Richards |
| SPACE ENVIRONMENT (SEC) | Gary B. Scott Alva C. Hardy Timothy T. White | Billy T. Hervey James R. Bates Samuel N. Hardee | John D. Whitler Manuel D. Lopez Robert G. Richmond |

AEROMED SSR

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

ECS

John P. Byers
Kenneth E. Haithcoat

Lloyd V. Howard
Hubert V. Gregan

George W. Conway

SURGEONS

G. F. Humbert, M.D.
R. A. Pollard, M.D.

G. Sales, M.D.
R. Fagen, M.D.

J. Teegan, M.D.
S. L. Pool, M.D.

MESSAGE COORDINATORS

Phyllis Johnson

Joanne Hulo

Fran Moore

ITT/FEC MATH AIDES

Sandra Smith

Bonnie Hester

Judy Ferstl

CCATS

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|------------------------|--|---------------------------------------|---|
| DOCUMENTATION | Harold E. Smoak | Calista E. Head | Robert G. Stone |
| COMMUNICATIONS CONTROL | Oliver E. Allen Marcus D. Garner | Steve D. Richards Raymond L. Smith | Donald G. Snyder Gerald J. Coppens |
| TRACK | Kenneth D. McDonald Donald E. Webb Ronald De Cosmo | Donald E. Halter Ralph M. Mason | Walter E. Soetaert Edward W. Pickett |
| RTC | Ronald E. Warren | Glenn Spears | Julius Conditt |
| CLC | Eldon E. Payne | Thomas R. Watts | Eugene Isaiah |
| CCC | Charles M. Horstman | Robert Chapman | Thomas Bowen |
| TIC | August Degner | Norm Talbott | Walter Hrab |
| CTC | Wayne Boatman | Orlis Pike | Al D. McLaughlin |

REAL-TIME COMPUTER COMPLEX

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|-------------------------|---|---|--|
| COMPLEX SUPERVISOR | Elden G. Clayton Lawrence K. Tharp | Roger W. Forte | Gene D. Carlow |
| COMPUTER DYNAMICS | Rowland B. Williams Thomas M. Hickey | James H. Dobbins | Jimmie L. Donald Edward M. Kramer |
| DATA SELECT | Robert A. Folk Earl L. Shinpaugh | John L. Morrison James H. Davis | Guy R. Stockton Larry E. Westberry |
| COMPUTER COMMAND | Eugene L. Campbell Joe Tezeno, Jr. | Daniel G. Nichols William R. Surles | Christopher W. Zinn Raphael Sher |
| COMPUTER TELEMETRY | Jimmy E. Beaves Bailey L. Corbett | Douglas B. Sperry Morris V. Fanelli | Ronald J. Mayes Pete A. Garcia |
| RTOS SPECIALIST | Kenneth B. Adams Robert A. Sormani Richard G. Dorman Jimmy R. Gilbert | Stephen A. Hudson Patricia A. Raby Kenneth W. Westerfeld | Robert J. O'Neil Gary S. Petersen Jerry T. Kilpatrick |
| PRINTER CONTROLLER | James R. Beach John D. Hickman Ronald L. New Richard L. Phillips Cecil W. Rogers Ronald E. Vis Charles H. Sadik | Robert J. Barrett John M. Burt William N. Chastang William T. McFerren | Michael J. Carey Leonard L. Gailey Robert P. Horst Jimmy D. Long John P. Ware Rowland B. Williams |
| MISSION SPECIALIST-CMCC | Gary L. Warner Ralph T. Simermeyer | Thomas M. Conway | |
| COMPUTER OPS SUPPORT | E. Mason Lancaster Donald E. Willis Kenneth M. Ramke Robert M. Bond | | |

Klate Holt Co. ALL MISSION BADGE REQUIREMENTS

George Foster
Mose Boyd
Klate Holt
Wallace R. Kirk
Willie Hobbs
Martin Gracey
Harold Franks
Larry Mitchell

Klate Holt Co. ALL MISSION BADGE REQUIREMENTS

(EXCEPT COMPUTER ROOM)

Samuel Jeffery
Curtis Doucet
Norman Muellion
Robert Coloty
Alfredo Garcia
Samuel L. Jackson
Tom Goff, Jr.
Albert L. Anderson
Jo E. Ashford
Riley Nobles
Cleola Burlison
Leo O. Franklin
Otis C. Long
Roberta Gibson

"V" Badge Requirements

LaRue W. Burbank
J. D. Watkins
K. J. Allen
Edward S. Barker
William Der Bing
Walter S. Fruland
Robert J. McMurrey
John L. Carlisle
Donald M. Cochran
George S. Hebert
Raymond W. Luce
David R. Provenzano
Robert D. Watson
Robert Holberg

Television Editors

~~Sanford M. Ullman~~

~~Robert O. Workman~~

Tom Wynston

Richard Mattauer

SIMULATION CONTROL AREA ACCESS LIST FOR APOLLO 7

| <u>NAME</u> | <u>TYPE BADGE</u> |
|---------------------------------|--------------------|
| Harold G. Miller (NASA) | B&D |
| Richard H. Koos (NASA) | B&D |
| Gerald D. Griffith (NASA) | B&D |
| Carl B. Shelley (NASA) | B&D |
| Leon H. Payne (NASA) | B&D |
| John D. Blalock (NASA) | B&D |
| Edward L. Heinz (USAF) | B&D |
| Donald H. Clegg (USAF) | B&D |
| Leo A. Reitan (NASA) | B&D |
| Eugene B. Chmielewski (PHO) | B&D |
| John R. Wills (NAR) | B&D |
| John T. Cox (NASA) | B&D |
| Chester A. Lowe (USAF) | B&D |
| Robert J. Williams (NASA) | B&D |
| Robert K. Holkan (NASA) | B&D |
| Lamar E. Ledbetter (USAF) | B&D |
| Goodwill S. Murray (USAF) | B&D |
| Robert L. Myers (NASA) | B&D |
| Jerry W. Mill (NASA) | B&D |
| Tandy N. Bruce (NASA) | B&D |
| Peter Klapack (PHO) | B&D |
| Lawrence S. Muzny (PHO) | B&D |
| William C. Boyd (NASA) | B&D |
| Charles K. Alford (NASA) | B&D |
| Rex L. Lutes (PHO) | B&D |
| Charles A. Guy (PHO) | B&D |
| H. Kraus (Bellcomm - Hdq.) | B&D |
| J. E. Johnson (Bellcomm - Hdq.) | B&D |
| Bruce G. Casserly (NASA) | B&D |
| Albert M. Crowder, Jr. (NASA) | B&D |
| J. C. Gillis (NASA) | B&D |
| William A. Hill (NASA) | B&D |
| Ronald D. Kiehn (NASA) | B&D |
| John R. Smith (NASA) | B&D |
| Quincy J. Vandervort (NASA) | B&D |
| Louis E. Harth (NASA) | B&D |
| Leonard V. Conn (PHO) | B&D |
| Pantaleon Moreno (NASA) | B&D |
| Peter Segota (NASA) | B&D |
| Charles N. Stearns (PHO) | B&D |
| Dennis L. Goeddel (NASA) | B&D |
| David L. Walker (NASA) | B&D |
| Donald L. Finley (NAR) | B&D |
| W. Neil King (NASA) | B&D |
| Miles G. Springfield (NASA) | B&D |
| Efren Calvillo (NASA) | B&D |
| James A. Miller (NASA) | B&D |
| Charles R. Edwards (NASA) | B&D |

TEMPORARY BADGE REQUIREMENTS FOR MOCR/SSR

| <u>ORGANIZATION</u> | <u>GREEN MOCR</u> | <u>PINK SSR</u> | <u>WHITE C</u> |
|---|-----------------------|---------------------|--------------------|
| Flight Director | 2 | 0 | |
| Flight Dynamics | 3 | 9 | |
| Flight Crew | 1 | 4 | |
| Booster Systems | 4 | 8 | |
| ASPO/John Lobb | 3 | 8 | |
| Procedures/AFD/FCD | 3 | 5 | |
| Aeromed (controlled by Dr. Berry) | 2 | 0 | |
| Environmental Control Systems (Aeromed SSR) | 0 | 2 | |
| Weather | 2 | 0 | 4 |
| DOD | 2 | 0 | |
| PAO | 2 | 0 | |
| Recovery | 3 | 0 | 12 |
| SEC (Space Radiation) | 0 | 0 | 3 |
| EECOM (CSM) | 2 | 4 | |
| GNC (CSM) | 2 | 4 | |
| A. D. Aldrich/FCD SPAN | 3 | 4 | |
| ESB/Myles E. Franklin | 0 | 3 | |
| Flight Support Division | 9 | 0 | |
| Systems Engineering Branch | 2 | 0 | |
| Network | 3 | 0 | |
| Philco | | | |
| Comm | 6 | 0 | |
| Display | 6 | 0 | |
| Tech Ops | 3 | 0 | |

TEMPORARY BADGE REQUIREMENTS FOR MOCR/SSR (CONT'D)

| <u>ORGANIZATION</u> | <u>GREEN MOCR</u> | <u>PINK SSR</u> | <u>WHITE C</u> |
|--|-----------------------|---------------------|--------------------|
| SWBT/AR&T (to be controlled by Hou-Comm Controller | 0 | 5 | |
| Tech Services Division | 0 | 6 | |

"V" Badge Requirements

LaRue W. Burbank 266
J. D. Watkins 267
K. J. Allen 268
Edward S. Barker 269
William Der Bing 270
Walter S. Fruland 271
Robert J. McMurrey 272
John L. Carlisle 273
Donald M. Cochran 274
George S. Hebert 275
Raymond W. Luce 276
David R. Provenzano 277
Robert D. Watson 278
Robert Holberg 279

Television Editors Sanford M. Ullman 281 Robert O. Workman
280

INDEXING DATA

| DATE | OPR | # | T | BOX | SUBJECT | SIGNATOR | LOC |
|----------|-----|---|---|-----|---------|----------|---------|
| 01-11-68 | | | M | BF | | | 277-281 |

SIMULATION CONTROL AREA ACCESS LIST FOR APOLLO 7

| <u>NAME</u> | <u>TYPE BADGE</u> |
|-------------------------------------|-------------------|
| 287 Harold G. Miller (NASA) | B&D |
| 283 Richard H. Koos (NASA) | B&D |
| 284 Gerald D. Griffith (NASA) | B&D |
| 285 Carl B. Shelley (NASA) | B&D |
| 286 Leon H. Payne (NASA) | B&D |
| 287 John D. Blalock (NASA) | B&D |
| 288 Edward L. Heinz (USAF) | B&D |
| 289 Donald H. Clegg (USAF) | B&D |
| 290 Leo A. Reitan (NASA) | B&D |
| 291 Eugene B. Chmielewski (PHO) | B&D |
| 292 John R. Wills (NAR) | B&D |
| 293 John T. Cox (NASA) | B&D |
| 294 Chester A. Lowe (USAF) | B&D |
| 295 Robert J. Williams (NASA) | B&D |
| 296 Robert K. Holkan (NASA) | B&D |
| 297 Lamar E. Ledbetter (USAF) | B&D |
| 298 Goodwill S. Murray (USAF) | B&D |
| 299 Robert L. Myers (NASA) | B&D |
| 300 Jerry W. Mill (NASA) | B&D |
| 301 Tandy N. Bruce (NASA) | B&D |
| 302 Peter Klapack (PHO) | B&D |
| 303 Lawrence S. Muzny (PHO) | B&D |
| 304 William C. Boyd (NASA) | B&D |
| 305 Charles K. Alford (NASA) | B&D |
| 306 Rex L. Lutes (PHO) | B&D |
| 307 Charles A. Gay (PHO) | B&D |
| 308 H. Kraus (Bellcomm - Hdq.) | B&D |
| 309 J. E. Johnson (Bellcomm - Hdq.) | B&D |
| 310 Bruce G. Casserly (NASA) | B&D |
| 311 Albert M. Crowder, Jr. (NASA) | B&D |
| 312 J. C. Gillis (NASA) | B&D |
| 313 William A. Hill (NASA) | B&D |
| 314 Ronald D. Kiehn (NASA) | B&D |
| 315 John R. Smith (NASA) | B&D |
| 316 Quincy J. Vandervort (NASA) | B&D |
| 317 Louis E. Harth (NASA) | B&D |
| 318 Leonard V. Conn (PHO) | B&D |
| 319 Pantaleon Moreno (NASA) | B&D |
| 320 Peter Segota (NASA) | B&D |
| 321 Charles N. Stearns (PHO) | B&D |
| 322 Dennis L. Goeddel (NASA) | B&D |
| 323 David L. Walker (NASA) | B&D |
| 324 Donald L. Finley (NAR) | B&D |
| 325 W. Neil King (NASA) | B&D |
| 326 Miles G. Springfield (NASA) | B&D |
| 327 Efren Calvillo (NASA) | B&D |
| 328 James A. Miller (NASA) | B&D |
| 329 Charles R. Edwards (NASA) | B&D |

TEMPORARY BADGE REQUIREMENTS FOR MOCR/SSR

| <u>ORGANIZATION</u> | <u>GREEN MOCR</u> | <u>PINK SSR</u> | <u>WHITE C</u> |
|---|-----------------------|---------------------|--------------------|
| Flight Director | 2 | 0 | |
| Flight Dynamics | 3 | 9 | |
| Flight Crew | 1 | 4 | |
| Booster Systems | 4 | 8 | |
| ASPO/John Lobb | 3 | 8 | |
| Procedures/AFD/FCD | 3 | 5 | |
| Aeromed (controlled by Dr. Berry) | 2 | 0 | |
| Environmental Control Systems (Aeromed SSR) | 0 | 2 | |
| Weather | 2 | 0 | 4 |
| DOD | 2 | 0 | |
| PAO | 2 | 0 | |
| Recovery | 3 | 0 | 12 |
| SEC (Space Radiation) | 0 | 0 | 3 |
| EECOM (CSM) | 2 | 4 | |
| GNC (CSM) | 2 | 4 | |
| A. D. Aldrich/FCD SPAN | 3 | 4 | |
| ESB/Myles E. Franklin | 0 | 3 | |
| Flight Support Division | 9 | 0 | |
| Systems Engineering Branch | 2 | 0 | |
| Network | 3 | 0 | |
| Philco | | | |
| Comm | 6 | 0 | |
| Display | 6 | 0 | |
| Tech Ops | 3 | 0 | |

TEMPORARY BADGE REQUIREMENTS FOR MOCR/SSR (CONT'D)

| <u>ORGANIZATION</u> | <u>GREEN MOCR</u> | <u>PINK SSR</u> | <u>WHITE C</u> |
|--|-----------------------|---------------------|--------------------|
| SWBT/AR&T (to be controlled by Hou-Comm Controller | 0 | 5 | |
| Tech Services Division | 0 | 6 | |

UNITED STATES GOVERNMENT

Memorandum


TO : See attached list

DATE: DEC 9 1968

FROM : FA/Director of Flight Operations

SUBJECT: Flight Control Manning for Apollo 8

1. Attached for information, guidance, and necessary action is the current manning list for MOCR/SSR badging for Apollo 8. In addition, the temporary badge requirements are identified by mission elements.
2. Action required:
 - a. Security Branch - Request mission badges be prepared as required.
 - b. Further, request names and security clearances be provided AFETR on flight controllers who will participate at these or associated installations.
3. All agencies requiring personnel access not listed in the attached manning list should submit a memorandum of justification and MSC Form 1872 to Mr. Cecil E. Dorsey, Flight Control Division, extension 2637. These should be submitted no later than two weeks before the mission.
4. Security will prepare badge request cards, MSC Form 1872, for the names listed on the enclosure to this memorandum. Subsequent badge requests will be submitted and approved as follows: Black A's by the undersigned or Mr. Sigurd A. Sjoberg; Red A's by the Flight Director as appropriate.


Christopher C. Kraft, Jr.

Enclosure



MCC/MOCR MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|---------------------------------|---|---------------------------------------|---------------------------------------|
| DIRECTOR OF FLIGHT OPERATIONS | Christopher C. Kraft, Jr. | | |
| FLIGHT DIRECTOR | Clifford E. Charlesworth | Glynn S. Lunney | Milton L. Windler |
| ASSISTANT FLIGHT DIRECTOR | Harold M. Draughon Jones W. Roach | William E. Platt | Perry L. Ealick Charles S. Harlan |
| BOOSTER SYSTEMS #1 | Frank L. VanRensselaer R. Scott Hamner | | |
| BOOSTER SYSTEMS #2 | Philip J. Strausbaugh | | |
| BOOSTER SYSTEMS #3 | William H. Shook | | |
| LM SYSTEMS | James E. Hannigan | | |
| FLIGHT ANALYSIS OFFICER | Tommy W. Holloway | Ted A. Guillory | Charles L. Stough |
| OPERATIONS AND PROCEDURES | Lawrence L. Armstrong Harley L. Weyer | Larry W. Keyser David F. Nicolson | Axel M. Larsen |
| FLIGHT DYNAMICS OFFICER (FIDO) | Edward L. Pavelka George C. Guthrie | Jay H. Greene | Philip C. Shaffer |
| GUIDANCE OFFICER (GUIDO) | Charley B. Parker Raymond F. Teague | Kenneth W. Russell | Granville E. Paules |
| RETROFIRE OFFICER (RETRO) | Jerry C. Bostick | Charles F. Deiterich | John S. Llewellyn |
| GUIDANCE NAVIGATION AND CONTROL | Gary E. Coen Richard B. Benson | John A. Kamman Neil B. Hutchinson | Briggs N. Willoughby |
| EECOM | John W. Aaron | Seymour A. Liebergot Thomas R. Loe | William C. Burton Charles L. Dumis |

UNITED STATES GOVERNMENT

Memorandum

TO : See attached list

FROM : FA/Director of Flight Operations

SUBJECT: Flight Control Manning for Apollo 9

DATE: FEB 6 1969

1. Attached for information, guidance, and necessary action is the current manning list for MOCR/SSR badging for Apollo 9. In addition, the temporary badge requirements are identified by mission elements.

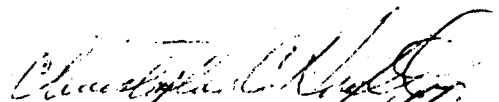
2. Action required:

a. Security Branch - Request mission badges be prepared as required.

b. Further, request names and security clearances be provided AFETR on flight controllers who will participate at these or associated installations.

3. All agencies requiring personnel access not listed in the attached manning list should submit a memorandum of justification and MSC Form 1872 to Mr. Cecil E. Dorsey, Flight Control Division, extension 2637. These should be submitted no later than two weeks before the mission.

4. Security will prepare badge request cards, MSC Form 1872, for the names listed on the enclosure to this memorandum. Subsequent badge requests will be submitted and approved as follows: Black A's by the undersigned or Mr. Sigurd A. Sjoberg; Red A's by the Flight Director as appropriate.


Christopher C. Kraft, Jr.

Enclosure

APD (a.k.a.)



5010-108

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180V
078-22

MCC/MOCR MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|---|---|---|---|
| DIRECTOR OF FLIGHT OPERATIONS | Christopher C. Kraft, Jr. | | |
| FLIGHT DIRECTOR | Eugene F. Kranz | Gerald D. Griffin | M. P. Frank |
| ASSISTANT FLIGHT DIRECTOR | Charles R. Lewis Charles S. Harlan | Edward I. Fendell | Harold M. Draughon |
| BOOSTER SYSTEMS #1 | William L. Brady R. Scott Hamner | Frank L. VanRensselaer | |
| BOOSTER SYSTEMS #2 | Paul E. Dixon | | |
| BOOSTER SYSTEMS #3 | Don H. Townsend | | |
| OPERATIONS AND PROCEDURES | William Molnar, Jr. Earl W. Thompson | James O. Covington | Larry W. Keyser |
| GUIDANCE OFFICER | William E. Fenner Granville E. Paules | J. Gary Renick C. Roger Wells | Willard S. Presley Charley B. Parker |
| RETROFIRE OFFICER | John S. Llewellyn Charles F. Deiterich | Bobby T. Spencer Jerry C. Elliott | James E. I'Anson |
| FLIGHT DYNAMICS OFFICER | H. David Reed Jerry C. Bostick | William J. Boone, III Edward L. Pavelka, Jr. | Maurice G. Kennedy Philip C. Shaffer |
| GUIDANCE NAVIGATION AND CONTROL | Neil B. Hutchinson John A. Kamman | Lawrence S. Canin William J. Strahle | Gary E. Coen |
| EECOM | Charles L. Dumis | Seymour A. Liebergot | Thomas R. Loe |
| INSTRUMENTATION AND COMMUNICATION (INCO) | William L. Wafford | Richard T. Brown | Joseph N. DeAtkine |
| NETWORK CONTROLLER | Ernest L. Randall | George M. Egan | Richard J. Stachurski |
| TV EDIT | Thomas W. Winston | Edward L. Worrell | |

APOLLO 10 NEWS CENTER

HOUSTON, TEXAS

RELEASE #14

May 14, 1969

-- MISSION CONTROL CENTER MANNING APOLLO 10

-- RECOVERY SHIP MANNING APOLLO 10

| <u>POSITION</u> | <u>SHIFT 1</u> BLACK | <u>SHIFT 2</u> MAROON | <u>SHIFT 3</u> ORANGE |
|----------------------------------|---|--|---------------------------------------|
| DIRECTOR OF FLIGHT OPERATIONS | Christopher C. Kraft, Jr. | | |
| FLIGHT DIRECTOR | Glynn S. Lunney Gerald D. Griffin | Milton L. Windler | M. P. Frank |
| ASSISTANT FLIGHT DIRECTOR | Perry L. Falick John H. Temple | Charles S. Harlan | Edward I. Tendell |
| OPERATIONS & PROCEDURES | Larry L. D. Armstrong Granvil A. Pennington | Axel M. Larsen | Harley L. Weyer |
| BOOSTER SYSTEMS ENGINEER 1 | F. L. Van Rensselaer R. Scott Hamner | William L. Brady | Curtis D. Hanks |
| BOOSTER SYSTEMS ENGINEER 2 | William J. Harris | Paul E. Dixon | Richard Palmer |
| BOOSTER SYSTEMS ENGINEER 3 | James F. Park | William H. Hooper | William H. Shook |
| FLIGHT ACTIVITIES OFFICER | William M. Anderson | John W. O'Neill | Turnage R. Lindsey |
| LM/CONTROL | John A. Wegener | Harold A. Loden | Richard A. Thorson |
| LM/TELCOM | W. Merlin Merritt | William L. Peters | Jack Knight, Jr. |
| EXTRA-VEHICULAR MOBILITY UNIT | Ted A. White James E. Saultz, Sr. | William V. Bates Bruce H. Walton, Sr. | |
| FLIGHT DYNAMICS OFFICER | Philip C. Shaffer Jay H. Greene | George C. Guthrie Maurice G. Kennedy | William M. Stoval Jerry C. Bostick |
| RETROFIRE OFFICER | Thomas E. Weichel Charles F. Deiterich | James E. I'Anson | John S. Llewellyn Jerry C. Elliott |
| GUIDANCE OFFICER | Kenneth W. Russell Granville E. Paules Stephen G. Bales | William E. Fenner Raymond F. Teague | J. Gary Renick Charley B. Parker |

MCC/MOCR MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|--|---|--|------------------------|
| NETWORK CONTROLLER | George D. Ojalehto | John A. Monkvic | Douglass R. Wilson |
| ASSISTANT NETWORK CONTROLLER | Dave A. Young | Robert Gonzales | Ronald L. DeCosmo |
| GUIDANCE NAVIGATION AND CONTROL/CSM | John A. Kamman Gary E. Coen | William J. Strahle Briggs N. Willoughby | Lawrence S. Canin |
| EECOM/CSM | William C. Burton | John W. Aaron Charles L. Dumis | Seymour A. Liebergot |
| INSTRUMENTATION AND COMMUNICATIONS (INCO) | Thomas L. Hanchett | Joseph N. DeAtkine | Richard T. Brown |
| SURGEON | Willard R. Hawkins, M.D. | John F. Zieglschmid, M.D. | Kenneth N. Beers, M.D. |
| PUBLIC AFFAIRS OFFICER | John E. Riley Brian Duff | Douglas Ward | Robert T. White |
| ASSISTANT PUBLIC AFFAIRS OFFICER | William G. Johnson | Charles A. Biggs | Edward L. Worrell |
| PHOTOGRAPHERS | Andrew R. Patnesky Gerald Bray | Charles Turner | Robert G. Bird |
| TV EDIT | Thomas W. Winston | Jon Rademacher | |
| AUDIO/TV COORDINATOR | Carl R. Hart | | |
| CAPCOMS | Charles M. Duke Bruce McCandless, II | Joe H. Engle | Jack R. Lousma |
| BACKUP CREW | L. Gordon Cooper | Edgar D. Mitchell | Donn F. Eisele |
| CREW PROCEDURES | Michael R. Wash | Dickie K. Warren | |

MCC/MOCR MANNING

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

NASA HEADQUARTERS

MISSION DIRECTOR

George H. Hage

Chester M. Lee

Thomas H. McMullen

MISSION DIRECTOR STAFF

John K. Holcomb
George P. Chandler

Philip J. Bayer
Robert C. Turgeon

William M. Wallace
Fred E. Stout

VEHICLE SYSTEMS - LM

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|-----------------|--|---------------------------------------|----------------------------------|
| LM PGNS | Charles L. Gruby Herbert K. Fanning | Bernard A. Durand John L. Nelson | William W. Fink Floyd E. Page |
| LM AGS | Larry W. Strimole Edwin F. Marzano | Don G. Clark William E. Sturm | Darrell E. Stamper |
| LM PROP | Carroll E. Hopkins | Robert S. Nance | John E. Essing |
| LM PROP CONSUM | Vincent A. Fleming | Glenn W. Watkins | |
| LM EPS | Robert H. Heselmeyer | Fredrick R. Wentland | Robert D. Legler |
| LM COMM/INST | Hershel R. Perkins David W. Whittle | Lawrence S. Bourgeois J. O. Sayler | Harold L. Moore |
| LM ECS | Fred A. Frere Gary C. Watros | Monty S. Taylor | Quarance J. Patin, Jr. |
| LM EPS CONSUM | Leonard E. Nicholas | William D. Reeves | |
| LM ECS CONSUM | James F. Nelson | Harry Smith | |

VEHICLE SYSTEMS - PLSS

| | | |
|--------------------|------------------|------------------|
| PLSS MONITOR | William C. Young | Sergio O. Milian |
| PLSS #1 ENGINEER | Donald C. Eaton | Paul D. Nering |
| PLSS #2 ENGINEER | Henry E. Warden | George M. Bliss |
| EXPERIMENT MONITOR | Rhea Q. Linney | |

VEHICLE SYSTEMS - BSE

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|--------------------|-----------------------|--------------------|-----------------|
| BSE LOWER STAGE | Michael M. Harrington | Don H. Townsend | |
| BSE IBM MANAGER | Roy E. Day | | |
| BSE GND | John I. Sigler | | Rudy C. Tunello |
| BSE ACS | Paul A. Hoffman | Myron C. Hayes | Wayne Huning |
| BSE COMMAND | Daryl D. Anderson | John A. Smith | Rogert T. Goers |
| BSE ENS | M. Ray Coker | | |
| BSE MDAC MANAGER | K. J. Patelski | | |
| BSE STAGE SYSTEMS | A. A. Puccetti | Richard S. Catelle | |
| BSE CONSUMABLES | W. E. Greenshields | Sutton Graham | |
| BSE ENGINE SYSTEMS | T. E. Ward | | |

VEHICLE SYSTEMS - CSM

| | | | |
|-----------------------|--|-------------------------------------|--|
| GUIDANCE & NAVIGATION | Frank J. Mussato William E. Price | Frank DiGenova Gerald P. Walsh | Richard A. Freund Charles T. Essmeier |
| PROPULSION | Joseph E. Borches Albert W. Barker | Orville J. Hokschi John E. Walsh | William G. Weppner Nathan J. Adams |
| EPS | Lyle M. Vande Zande William J. Moon | Myron S. Staggs Charles M. Jones | James J. Kelly Joseph L. Pringle |
| COMMUNICATIONS | James Ward | William P. MacGregor | W. Lawrence Wafford |

FLIGHT DIRECTOR SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|--|--|--|--|
| PLANS | David F. Nicolson Joseph G. Fanelli | Paul G. Stokholm | Harold Black |
| FLIGHT CREW PROCEDURES | John R. Owen Gene E. Gentry | Elvin B. Pippert, Jr. Gerald L. Shinkle | Billy D. Pinkston |
| FLIGHT CREW EXPERIMENTS | Robert H. Nute | Alan C. Holt | Marion F. Griffin |
| FLIGHT CREW ANALYSIS MGR. | Helmut A. Kuehnel | | |
| CLERICAL SUPPORT | Pat B. Dewey | Gloria G. Gammon | Charryl L. Brewer |
| MISSION REQUIREMENTS ENGINEER | Bobby L. Kyle | George I. Pettitt | |
| REQUIREMENTS CONFIGURATION CONTROLLER | James E. Wallace | | |
| TELEMETRY SUPPORT | Joseph E. Johnston | Fred R. Sanders | |
| CALIBRATION SUPPORT | Edwin B. Beatty | | |
| MAPPING | Lewis C. Wade John W. Dietrich Gary L. Gutschewski | Robert O. Hill Rigdon E. Joosten | Michael C. McEwen Merritt J. Bender |
| EXPERIMENTS SUPPORT | Richard K. Osburn | Gary A. Ransford | Dr. H. J. Schmitt* |
| TV EDIT | Richard W. Underwood | Herbert A. Tiedemann | |
| CMS/LMS INSTRUCTORS | Lonnie D. Cundieff | F. E. Hughes | Dale D. Traviss |

* Requires MOCR Badge

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|--------------------------|---|--|--|
| CMC SUPPORT | John E. Williams, Jr. John R. Garman | Thomas F. Gibson, Jr. Claude D. Sykes | John W. Jurgenson |
| LGC SUPPORT | Peter S. Weissman | Rama M. Aiyawar | James A. Martin |
| MIT SUPPORT | Bruce McCoy | Philip G. Felleman | Thomas M. Lawton |
| AGS SUPPORT | G. R. Shook | K. L. Baker | A. R. Turley |
| TRAJECTORY SUPPORT CHIEF | Larry D. Davis Ronald D. Davis Charles E. Allday | Stanley D. Holzaepfel William R. Pruett | Ted L. Turner Hector Garcia |
| ENGINEERING AIDE | Retha M. Hanson | Margaret E. Crawford | Evelyn D. Lansford |
| ENTRY SPECIALIST | Jon Harpold | John K. Burton | Joseph Rogers |
| DATA MANAGEMENT | Michael A. Collins, Jr. | | Richard E. Simms |
| RENDEZVOUS SPECIALIST | Kenneth A. Young | James D. Alexander | Robert R. Regelbrugge |
| MODE I ABORT SPECIALIST | Dallas G. Ives | | |
| LAUNCH PHASE SPECIALIST | Edward M. Henderson | | |
| MIDCOURSE SPECIALIST | Kenneth T. Zeiler | Quentin S. Holmes | Charles H. Drinnan |
| LOI SPECIALIST | Robert R. Wiley | George A. Weiskopf | |
| RTE SPECIALIST | Robert S. Davis Donald M. Gafford | William R. Lee Thomas P. Garrison | Donald R. Davis Frances M. Northcutt |
| MPAD REPRESENTATIVE | David H. Owen* William J. Bennett Emil Schiesser James McPherson | Edgar C. Lineberry Ronald L. Berry Robert E. Ernull Carl R. Huss* | John A. McAnulty John R. Gurley Richard P. Parten Claude Graves |

*Require MOCR Badges

SSR/RTACF

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

ENGINEERING AIDE

Linda A. Holden

Werana D. Gray

Gil M. Tully

RUN COORDINATOR

James E. Frieble

HISTORICAL VOICE RECORD ROOM ("B" ACCESS)

SOUND ENGINEERS

Glenn R. Osborn

John E. McMurray

SPACECRAFT ANALYSIS SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|---|---------------------------------------|--|--|
| OPERATIONS MANAGER | Scott H. Simpkinson* Aaron Cohen* | Owen E. Maynard* Owen Morris* | James L. Tomberlin* |
| STAFF ENGINEER | Ronald W. Kubicki* John R. Sevier | John G. Zarcaro* Charles H. Glancy | Robert J. Ward* |
| TEAM MANAGER | Donald D. Arabian* | Sid C. Jones* | Joe W. Dodson* |
| ADMINISTRATIVE SUPPORT | Robert J. Bailey Herbert E. Tash | William C. Meacham Kenneth Vogel | Lynn A. York Curtis Collins |
| NORTH AMERICAN ROCKWELL REPRESENTATIVE | George Merrick | George Jeffs | Michael Vucelic C. Fetz |
| GRUMMAN REPRESENTATIVE | Thomas Kelley | H. Wright | J. Coursen |
| LM REPRESENTATIVE | Elmer L. Keesler* Donald R. Puddy* | Frank L. Edelin* Robert L. Carlton* | Charles V. Whitmore* James E. Hannigan* |
| CSM REPRESENTATIVE | Neil B. Hutchinson * | L. William Blair * | Thomas R. Loe * |
| FCD REPRESENTATIVE | Jones W. Roach* | Arnold D. Aldrich* | Melvin F. Brooks* |
| NORTH AMERICAN ROCKWELL ENGINEERS | F. M. Patterson | M. Silver | G. Spangler |

* Require MOCR Badging

AEROMED SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|-------------------|---|-----------------------------------|-------------------------------------|
| SEC | Charles M. Barnes Richard E. Benson | J. Veron Bailey | Edward D. Liles |
| ECS | Lloyd V. Howard Kenneth E. Haithcoat | George W. Conway John P. Byers | Larry E. Sneaks Hubert V. Gregan |
| SURGEON | Samuel L. Pool, M.D. Emmett B. Ferguson, Jr., M.D. | Clarence A. Jernigan, M.D. | Fredric F. Doppelt, M.D. |
| BIOMED ENGINEER | Don W. Mangold | Dan H. Taylor | Frank C. Buchwald Robert N. Hahn |
| DATA ENGINEER | Edward L. Mosley | Frank A. Michelli | |
| LOGISTICS OFFICER | Marvin A. Bernhard | | |
| MEDICAL MONITOR | Joseph B. Anthony, M.D. | | |

RECOVERY CONTROL ROOM

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|---|--|--|--|
| RECOVERY COORDINATOR | Harold E. Granger | Edward C. Bullock | Ryborn R. Kirby |
| ASST. RECOVERY COORDINATOR | Charles C. Filley | | |
| EVALUATOR | Charles R. Walker | William G. Robinson | Richard W. Blakley |
| STATUS | Richard D. Snyder | Alva L. Smith John W. Laugle | Charles D. Harris |
| LOGISTICS | Frank Janes | | |
| POST-RECOVERY DOCUMENTATION | David H. Cordiner | | |
| CLERICAL SUPPORT | Paula N. Jones M. Beth Grimsley | | |
| DOD RECOVERY | Elwin W. Smith, Lt. Col. Thell S. Naegle, Maj. Kenneth Pitchford, Lt. Col. | Harvey E. Smith, Lt. Cdr. Larry E. Cook, Lt. Jerome C. Shaw, Capt. | John L. Painter, Lt. Cdr. Robert H. Dowd, Lt. Col.* Thomas Ormesher, Capt. |
| DOD RECOVERY - COMM | Morris F. Schwartz James A. Robinson | Thomas F. Samsel Paul A. Rafford | H. R. Lundy |
| DOD RECOVERY - PAO | Jerry L. Hayes, Lt. | Jack Battle, Lt. | John Rose, Col. |
| DOD FLIGHT SUPPORT MANAGEMENT - ARLA | E. W. Windle, Jr., Maj. | L. L. Jacobs, Maj. | Lutrelle G. Long, Capt. |
| DOD FLIGHT SUPPORT MANAGEMENT - APOLLO SHIPS | John P. Porter, Capt. | J. P. Baker, Capt. | |

*Require Weather Room Badge

WEATHER ROOM

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|---|--|------------------------------------|--------------------------------|
| SPACE ENVIRONMENT CON. INSTR. SPEC. | S. N. Hardee | W. G. Davis | |
| SPACE ENVIRONMENT CON. DOSE SPEC. | T. T. White | A. C. Hardy | C. S. Warren |
| SPACE ENVIRONMENT CON. PHYSICS SPEC. | J. W. Snyder* | M. D. Lopez* | D. E. Robbins* |
| SPACE ENVIRONMENT CON. TEAM LEADER | R. G. Richmond** | J. R. Bates** | S. C. Freden** |
| SPACE ENVIRONMENT/FC | Billy T. Hervey | John D. Whitler | Gary B. Scott |
| SPACE ENVIRONMENT/DC | Charles M. Barnes | Vernon Bailey Richard E. Benson | Edward D. Liles |
| METEOROLOGIST | Alan N. Sanderson Edward F. Mitros Searl E. Richards | Richard K. Siler Kenneth Nagler | Roger K. Carter John Harper |

* Require access to Flight Dynamics SSR

** Require Access to Aeromedical SSR

REAL-TIME COMPUTER COMPLEX

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|---------------------|--|--|--|
| COMPUTER SUPERVISOR | Elden G. Clayton Terry D. Wickham | Joseph R. Hartt Paul C. Payne | Ralph T. Myers Donald E. Willis |
| DATA SELECT | Thomas M. Conway Freddy L. Cross | Michael R. Felix Lynn S. Wright | John L. Morrison Jose L. Saenz |
| COMPUTER COMMAND | Robert J. Donbroski Charles T. Jacobsen | Daniel G. Nichols Floyd H. Blackmon | Myron D. Dixon John D. Moore |
| COMPUTER TELEMETRY | H. Richard Segnar E. Mason Lancaster | Mennice G. Johnson Frederick Doerr | Roy M. Sparks Lawrence W. Knutson |
| COMPUTER DYNAMICS | R. Ray Reynolds George B. Johnson | Kenneth D. Leach Michael L. Banks | Raymond H. Smith Robert F. Balderston |
| SELECT SUPPORT | Howard G. DeVezein | Matthew M. Grogan | Wilbur R. Wollenhaupt |

* Requires a MOCR Badge

CCATS

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|--|----------------------|--------------------|---------------------|
| REAL TIME COMMAND CONTROLLER | Robert L. Chapman | Hank Jenkins | Bob C. Conner |
| COMMAND LOAD CONTROLLER | Don H. Baerd | Phil T. Heady | Eugene Isiah |
| CCATS COMMAND CONTROLLER | John D. Pride | John T. Bowen | Martin S. Sheridan |
| TELEMETRY INSTRUMENTATION CONTROLLER | Walter R. Hrab | Donald J. Flippin | Norman R. Talbott |
| CCATS TELEMETRY CONTROLLER | Gordon Straw | Orlis V. Pike | Art Reid |
| INSTRUMENTATION TRACKING CONTROLLER 1 | Ed W. Pickett | Walter E. Soetaert | Kenneth D. McDonald |
| INSTRUMENTATION TRACKING CONTROLLER 2 | Richard F. Robertson | Donald E. Halter | David Huddleston |
| INSTRUMENTATION TRACKING CONTROLLER 3 | Thomas W. Sheehan | | |
| DOCUMENTATION COORDINATOR | Bob Reaves | Celeste E. Head | Doris Kluge |
| COMMUNICATIONS CONTROLLER 1 | Charles T. Ritchie | Steve D. Richards | Donald G. Snyder |
| COMMUNICATIONS CONTROLLER 2 | Oliver E. Allen | Frank W. Pitts | Gerald L. Coppens |
| COMMUNICATIONS CONTROLLER 3 | Al E. Smith | Raymond L. Smith | Marcus D. Garner |
| COMMUNICATIONS TECHNICIAN | Charles G. Nelson | Chester Brantley | Verlin L. Fox |
| HOUSTON TELEMETRY CONTROLLER | William M. Essl | Alden L. Tucker | Louis H. DeFore |
| DISPLAY TECHNICIAN | Lorimer A. Parker | Richard J. StMarie | Charles E. Smith |

CCATS (CONT'D)

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

TECHNICAL OPERATOR

James V. Hovendick

Kendall L. Bleam

Jack V. James

INTERNAL VOICE CONTROLLER

Armando E. Gonzales

George E. Thomas

James A. Wilbarger

CP

Max C. Smith
Carroll L. Taylor

Billy D. Janeway
James H. Weaver

Billy B. Evans
Robert Whitman

APOLLO 10 DEPLOYMENT LIST

USS Princeton (LPH-5)

Sail date: F-7 from Pearl Harbor, Sail date:

PRS *D. E. Stullken F-6 Norfolk SRS 1 (W. Lant) DD

(Tom) T. E. Holt
(Sherry) S. J. Berthiaume

(Arnett)

*A. E. Kilpatrick Rich
G. L. Richeson
(George)

(Walter) W. J. Stork F-12 Cape SRS 2 (VAN) AIS

(Raymond) R. S. Watson Canaveral

J. R. Larey Vanguard
(James)

(J. Milt) J. M. Heflin F-10 Norfolk SRS 3 (E. Lant) LPA

J. D. Holt Chilton
(J. Dennis)

* SRS 4 (AOL) MCS-2

L. D. Roberts Ozark
(Larry)

F-3 SRS 5 (M. Pac/EOM) DD

J. W. Williams Strauss
(James)

PEASE (New Hampshire) A. F. Meyers (Allen)

* Sail date 4/28/69 from Charleston, S. Carolina,
Mr. Roberts will board ship at Rio de Janeiro on
5/11/69.

BDA (Bermuda) R. L. Brown (Ronald)

BDA/ASC. (Ascension Is.) H. F. Breshears (H. Frank)

LAJES (Azores) D. E. Moore (Dale)

GUAM R. J. Simantel (Ronald)

HICKAM (Hawaii) *W. A. Middleton (William)
E. B. Petrash (Edward)

RAMSTEIN (Germany) P. J. Armitage (Peter)

ALBROOK (Panama) F. H. Wrinkle (Fred)

KUNIA (Hawaii) *J. E. Hoisington (Jerry)
C. D. Anderson (Charles)

NORVA (Norfolk, Va) W. B. Wood (William)

CAPE *R. H. Culbertson (Ralph)
K. N. Kuhlenschmidt (Keith)
C. M. Jones (C. Mac)

DEACTIVATION *H. J. Clancy (Harry)
P. H. Kruppenbacher (Paul)

| <u>ROCR</u> | (1) | (2) | (3) |
|--------------|------------------------|--------------------------|-------------------------|
| Coordinator | H. E. Granger (Hal) | E. C. Bullock (Ed) | R. R. Kirby (Ryborn) |
| Asst. Coord. | C. C. Filley (Charles) | | |
| Evaluator | C. R. Walker (Charles) | W. G. Robinson (W. Gary) | R. W. Blakley (Richard) |
| Status | R. D. Snyder (Richard) | A. L. Smith (Al) | C. D. Harris (C. Don) |
| Logistics | F. Janes (Frank) | | |

* Team Leader

UNITED STATES GOVERNMENT

Memorandum

TO : See attached list

DATE: JUN 30 1969

FROM : FA/Director of Flight Operations

SUBJECT: Flight Control Manning for Apollo 11

1. Attached for information, guidance, and necessary action is the current manning list for MOCR/SSR badging for Apollo 11. In addition, the temporary badge requirements are identified by mission elements.

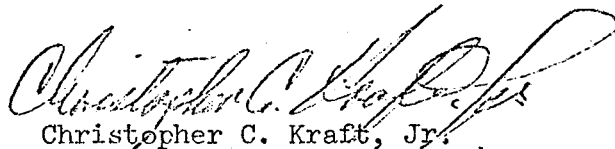
2. Action required:

a. Security Branch - Request mission badges be prepared as required.

b. Further, request names and security clearances be provided AFTER on flight controllers who will participate at these or associated installations.

3. All agencies requiring personnel access not listed in the attached manning list should submit a memorandum of justification and MSC Form 1872 to Miss Joyce E. Gaddy, Flight Control Division, extension 2637. These should be submitted no later than two weeks before the mission.

4. Security will prepare badge request cards, MSC Form 1872, for the names listed on the enclosure to this memorandum. Subsequent badge requests will be submitted and approved as follows: Black A's by the undersigned or Mr. Sigurd A. Sjoberg; Red A's by the Flight Director as appropriate.


Christopher C. Kraft, Jr.

Enclosure

INDEXING DATA

| <u>DATE</u> | <u>OFF</u> | <u>#</u> | <u>T</u> | <u>PGM</u> | <u>SUBJECT</u> | <u>SIGNATOR</u> | <u>LOC</u> |
|-------------|------------|----------|----------|------------|----------------|-----------------|------------|
| | | | M | PL | (None) | KRAFT | 078-66 |

MCC/MOCR MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|---------------------------------------|---|---|--|--|
| DIRECTOR OF FLIGHT OPERATIONS | Christopher C. Kraft, Jr. | | | |
| FLIGHT DIRECTOR | Clifford E. Charlesworth Gerald D. Griffin | Eugene F. Kranz | Glynn S. Lunney | Milton L. Windler |
| ASSISTANT FLIGHT DIRECTOR | William E. Platt, Jr. Larry W. Keyser | Charles R. Lewis John H. Temple | Harold M. Draughon David E. Nicolson, Jr. | Charles S. Harlan |
| CEM/GUIDANCE, NAVIGATION & CONTROL | Gary E. Coen | Briggs N. Willoughby | William J. Strahle | John A. Kamman |
| CSM/RECOM | Charles L. Dumis | John W. Aaroe | Seymour A. Liebergot | William C. Barton |
| CSM/INCO | Joseph N. DeAtkine Earl W. Thompson | Richard T. Brown (NAR) Edward I. Fendell | Thomas L. Hanchett (NAR) James R. Fucci (PHO) | |
| FLIGHT DYNAMICS OFFICER | H. David Reed | Jerry C. Bostick | Jay H. Greene Phillip C. Shaffer | Edward L. Pavelka, Jr. William J. Boone |
| RETROFIRE OFFICER | John S. Llewellyn | Thomas E. Weichel | Charles F. Deiterich | James E. I'Anson Bobby T. Spencer |
| GUIDANCE OFFICER | Willard S. Presley Granville E. Paules C. Roger Wells | Kenneth W. Russell Charley B. Parker | William E. Fenner Stephen G. Bales | J. Gary Renick Jerry W. Mill |
| BOOSTER SYSTEMS ENGINEER - 1 | R. Scott Hamner William L. Brady | Frank L. Van Rensselaer | Don H. Townsend | |
| BOOSTER SYSTEMS ENGINEER - 2 | Paul E. Dixon (MDAC) | William J. Harris (MDAC) | Richard A. Palmer (MDAC) | |
| BOOSTER SYSTEMS ENGINEER - 3 | William H. Hooper | J. Frank Park | John I. Sigler (IBM) | |

APOLLO NEWS CENTER
HOUSTON, TEXAS

NEWS RELEASE #1

SUBJECT: Flight Controllers for Apollo 12

Centralized control of the Apollo 12 flight from launch to recovery will be provided by the Mission Control Center in Houston. The MCC will be manned around the clock by four teams of flight controllers and support personnel beginning at T-27 hours in the countdown for launch.

Real-time in-flight analysis of the mission as associated with trajectory and vehicle systems will be the flight control function of MCC.

The Apollo 12 mission director for the flight is Chester M. Lee, of the Apollo Program Directorate, Office of Manned Space Flight, NASA Headquarters. He will be responsible for the overall conduct of the mission.

Christopher C. Kraft, Jr., Director of Flight Operations, Manned Spacecraft Center, will man the Flight Operations Director Console in MCC during major phases of the mission in his capacity as head of Flight Operations at MSC.

Department of Defense support of the mission will be headed by Air Force Major Gen. David M. Jones, DOD manager, Manned Space Flight Support Operations, and Commander USAF Eastern Test Range. DOD support includes launch site services, tracking facilities and necessary forces for recovery operations.

Flight directors for the Apollo 12 mission will be Gerald Griffin, M. P. Frank, Clifford E. Charlesworth, and Glynn Lunney. They will be responsible for implementation of the mission objectives and making changes on an as-necessary basis that could affect the flight plan and/or mission rules.

Full time manning of MCC by flight controllers for Apollo 12 will begin with Griffin's team at T-27 hours in the countdown. Frank's team will takeover at T-19 hours and be relieved by Charlesworth's

-more-

Add 1
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team of flight controllers at T-11 hours. Griffin and his team of controllers will report on site and take up positions at MCC consoles at T-3 hours for the launch phase of the Apollo 12 mission, and remain on duty until launch plus 6 hours.

Thereafter, the shift changes of the flight controller teams will normally be every eight hours, varying slightly as determined by the activities in the flight plan. The teams will normally come on duty about one-hour prior to the shift change and will be briefed by the team they relieve.

Assistant Flight Directors for Apollo 12 will assist the flight directors in the detailed control of the mission and assume responsibility during the absence of the flight director from the control room.

Booster Systems Engineers for the mission will be responsible to the flight director for monitoring the Saturn launch vehicle propulsion system, propellant containers and pressurization systems. They will also monitor and evaluate the status of the Saturn V digital computer system, navigation and guidance system, attitude control system and sequential system.

Operations and Procedures Officers for Apollo 12 will be responsible to the flight director and assistant flight director for detailed implementation of the MCC/MSFN mission control procedures and for coordinating and controlling the group displays and clocks in the control room.

Guidance Officers for the mission will be responsible to the flight director for monitoring sequential and propulsion systems.

Retrofire Officers for Apollo 12 will be responsible to the flight director for determination and transmission of retrofire time, either in the event of an abort, or the landing at the end of an orbit, or the landing at the end of the nominal mission.

Flight Dynamics Officers for the flight will be responsible to the flight director for monitoring the powered phase of the mission, orbital events, and trajectories from the standpoint of mission success.

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Guidance Navigation and Control Officers for Apollo 12 will be responsible to the flight director for monitoring spacecraft guidance and propulsion systems.

The Electrical, Environmental, and Communications Systems Engineers for the flight will be responsible for monitoring the operations of the command and service module electrical power system, the environmental control system, communications systems and instrumental and sequential system.

Instrumentation and Communications Officers for the mission will be responsible for assisting the EECOM in the instrumentation and communications area with the command and service module during the mission.

Network Controllers for the flight will be responsible to the flight director for capability of the network instrumentation required to support the flight.

LM/Control officers for Apollo 12 flight will be responsible to the flight director for monitoring the Lunar Module guidance and propulsion systems.

LM/Telcom officers for the mission will be responsible to the flight director for monitoring the operations of the lunar module electrical power system, the environmental control system, communications systems and instrumental and sequential systems.

Extravehicular Mobility Unit officers for Apollo 12 will be responsible to the flight director for monitoring consumables and evaluating systems performance of the PLSS (portable life support system).

Flight Activities officers for Apollo 12 will be responsible to the flight director for mission activities and timelines as related to the flight crew activities.

Surgeons for Apollo 12 will be responsible for advising the flight director of the crew's status during the flight. They will also keep the flight director informed of any obvious physical abnormalities noted.

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News Release #1

Capcoms for Apollo 12 will be responsible to the flight director for voice contact with the flight crew concerning details of the mission flight plan, flight procedures, mission rules and spacecraft systems.

Recovery coordinators for the Apollo 12 mission will be responsible to the flight director for coordination of all recovery activities and will head up the recovery team from their position in the Recovery Control Center in MCC.

Assignments around the world for Landing and Recovery personnel during the Apollo 12 mission will be as follows:

Onboard the prime recovery ship USS Hornet will be John C. Stonesifer, Fred C. Sponholz, Sheridan J. Berthiaume, Charles D. Anderson, Ronald J. Simantel, David E. Peterson, John K. Hirasaki, B. Randy Stone, Ralph H. Culbertson, Leroy A. Penn, and Frank Janes.

Onboard the SRS 1 (Secondary Recovery Ship), USS Hawkins, Arnett E. Kolpatrick; SRS 2, USS Austin, Charles R. Walker; SRS 3, USS Strauss, William B. Wood.

Norfolk, Virginia---Melvin L. Richmond

Ramstein, Germany---Charles C. Filley

Albrook, Panama---Laurence D. Roberts

KSC, Fla.---Ryborn R. Kirby, Keith N. Kuhlenschmidt, and C. Mac Jones

Hickam, AFB, Hawaii---William A. Middleton, and John B. Haugton

Bermuda---James W. Williams

Lajes AFB, Azores---Richard E. Coblentz

Pease AFB, N.H.---Edward B. Petrash

The deactivation team for the Apollo 12 spacecraft will be C. Mac Jones and Paul H. Kruppenbacher.

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MCC/MOCR MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|-------------------------------|---|--|--|-------------------------------------|
| DIRECTOR OF FLIGHT OPERATIONS | Christopher C. Kraft, Jr. | | | |
| FLIGHT DIRECTOR | Gerald D. Griffin | M. P. Frank | Clifford E. Charlesworth | Glynn S. Lunney |
| ASSISTANT FLIGHT DIRECTOR | John H. Temple James O. Covington | Larry W. Keyser Howard C. Johnson | Wm. E. Platt, Jr. Joe M. Leeper | Charles R. Lewis |
| OPERATIONS AND PROCEDURES | Lawrence L. Armstrong | Joseph P. Lazzaro | Joseph G. Fanelli (PHO) | Harold Black |
| INCO | Earl W. Thompson | James R. Fucci (PHO) | Edward I. Fendell | Harley L. Weyer |
| SURGEONS | Willard R. Hawkins, M. D. | John F. Zieglschmid, M. D. | George F. Humbert, M.D. | |
| FLIGHT DYNAMICS OFFICER | H. David Reed Jerry C. Bostick | William M. Stoval Philip C. Shaffer | William J. Boone Edward L. Pavelka | Jay H. Greene |
| RETROFIRE OFFICER | Jerry C. Elliott John S. Llewellyn | Bobby T. Spencer | Thomas E. Weichel | Charles F. Deiterich |
| GUIDANCE OFFICER | Willard S. Presley Stephen G. Bales Granville E. Paules | Kenneth W. Russell C. Roger Wells | William F. Fenner Raymond F. Teague | J. Gary Renick Charley B. Parker |
| CAPCOM | Gerald P. Carr David R. Scott D. K. Warren | Edward G. Gibson Alfred M. Worden J. O. Rippey | Paul J. Weitz James B. Irwin J. L. Lewis | Don L. Lind M. R. Wash |

MCC/MOCR MANNING CONT'D

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|-------------------------------------|--|---|-----------------------|---|
| FAO | Charles L. Stough Tommy W. Holloway | Spencer H. Gardner | Turnage R. Lindsey | John W. O'Neill |
| PUBLIC AFFAIRS OFFICER | John E. Riley | John E. McLeaish | R. Terry White | Douglas K. White |
| ASSISTANT PUBLIC AFFAIRS OFFICER | Ed Roden (AV) | Edward L. Worrell (AV) | Robert S. Cozens (AV) | Mattison L. Story |
| PHOTOGRAPHERS | Andrew R. Patnesky | Charles Turner (AV) | Robert G. Bird (AV) | Gerald Bray (AV) Glenn R. Osborn (AV) John M. Horton (AV) |
| TV EDIT | Thomas Winston (AV) | Jon Rademacher (AV) | Bob Scott (AV) | |
| AUDIO/TV COORDINATOR | Carl R. Hart | | | |
| CSM - GNC | Briggs Willoughby | William J. Strahle | Gary E. Coen | Lawrence S. Canin |
| CSM - ELCOM | John W. Aaron | Charles L. Dumis | Seymour A. Liebergot | William C. Burton |
| LM - CONTROL | John A. Wegener | Richard A. Thorson Jackson B. Craven | Harold A. Loden | Larry W. Strimple Robert L. Carlton |
| LM - TELMU | W. Merlin Merritt | Donald R. Puddy Gary C. Watros | William L. Peters | Jack Knight |

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MCC/MOCR MANNING CONT'D

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|-----------------------------|--|---|---|----------------|
| ALSEP NETWORK CONTROLLER | Joseph R. Vice Thomas W. Sheehan | Robert Gonzales (PHO) Larry D. Meyer (PHO) | Earl V. Carr (PHO) Robert L. Chapman | |
| NETWORK CONTROLLER | Ernest L. Randall Charles M. Horstman | David A. Young | Ronald L. DeCosmo George M. Egan (PHO) | |
| DOD NETWORK | L. L. Jacobs, Maj. | J. M. Ellzey LCol | | |
| <u>NASA HEADQUARTERS</u> | | | | |
| MISSION DIRECTOR | Thomas H. McMullen | John K. Holcomb | Fred E. Stout | |
| MISSION DIRECTOR STAFF | Paul Davis Philip J. Bayer | Robert Sheridan | William M. Wallace | |
| REPORT WRITER LIASON | Robert C. Turgeon | | | |
| PAO SUPPORT | Wm. J. O'Donnell | | | |

Add 7
News Release #1

FLIGHT DYNAMICS SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|------------------------------------|---|---|----------------------|----------------|
| FLIGHT DYNAMICS OFFICER SUPPORT | Maurice G. Kennedy | | | |
| RETROFIRE OFFICER SUPPORT | James E. I'Anson | | | |
| GUIDANCE OFFICER SUPPORT | Jerry W. Mill | | | |
| RENDEZVOUS SUPPORT | James D. Alexander Alan L. DuPont | Ronny H. Moore William A. Sullivan | | |
| RENDEZVOUS CONSULTANT | Jerome Bell Kenneth A. Young Robert R. Regelbrugge | Larry Hartley Robert Becker Edgar C. Lineberry | | |
| RECONTACT SPECIALIST | Michael Donahoo | Marland Williamson | | |
| POSTFLIGHT COORDINATION | Ernest D. Murrah | Frank J. Smith* | | |
| POSTFLIGHT SUPERVISION | Donald J. Incerto* | | | |
| DATA MANAGEMENT | Michael A. Collins Richard E. Simms | | | |
| DESCENT SUPPORT | James H. Alphin Willis M. Bolt | Gilbert L. Carman | Richard J. LaBrecque | |
| ENGINEERING AIDE | Linda A. Holden (ITT) | | | |
| RUN COORDINATOR | Billy N. Ferguson (LEC) | | | |

*Also Require SCA Badging

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FLIGHT DYNAMICS SSR CONT'D

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|----------------------------|---|--|--|----------------|
| ASCENT SUPPORT | Joe D. Payne James V. West | Veit Hanssen | Charles R. Halliman | |
| GUIDANCE MONITOR | Richard O. Nobles | Aldo J. Bordano | Herbert S. Estes | |
| CONSUMABLES MONITOR | Arnold J. Loyd Richard M. Swalin | Samuel O. Mayfield Martin L. Alexander | Walter Scott | |
| ENTRY SUPPORT | John K. Burton Jon C. Harpold | David W. Heath | Ross Ferland | |
| LOI SUPPORT | Robert F. Wiley | George A. Weisskopf | | |
| MIDCOURSE SUPPORT | Kenneth A. Zeiler | Quentin S. Holmes | Charles H. Drinnan (TRW) | |
| RTE SUPPORT | William R. Lee (TRW) Donald R. Davis (TRW) | Francis M. Northcutt (TRW) Robert S. Davis | Thomas P. Garrison (TRW) Donald M. Gafford (TRW) | |
| LAUNCH PHASE SPECIALIST | Edward M. Henderson | | | |
| LUNAR ABORT SPECIALIST | Charles E. Foggatt Dallas G. Ives | | | |
| TLI MONITOR | Charles T. Hyle | | | |
| TLI ABORT SPECIALIST | Curtis J. Laetz | | | |
| MODE I ABORT SPECIALIST | Samuel Newman | | | |

FLIGHT DYNAMICS SSR CONT'D

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|-------------------------------|--|---|--|------------------------------------|
| COMPUTER COORDINATOR | Charles E. Allday | Larry D. Davis | | |
| MASS PROPERTIES SPECIALIST | Ted L. Turner | | | |
| NR MISSION CONSULTANT | Knowles H. Henley (NR) | | | |
| GAC MISSION CONSULTANT | George Michos (GAC) | | | |
| TRW MISSION CONSULTANT | F. A. Evans (TRW) | Clarence W. Pittman (TRW) | | |
| MPAD REPRESENTATIVE | Richard P. Parten | John R. Gurley | | |
| MPAD CONSULTANT | Floyd V. Bennett Moises N. Montez Charlie C. Allen Robert H. Brown Robert E. Ernull Jerome D. Yencharis | Claude A. Graves James C. McPherson Carl R. Huss** Charles W. Pace Rocky Duncan John L. Norton (TRW) | Billy G. Taylor Emit R. Schiesser David H. Owen Ronald L. Berry Martin Jenness | |
| AGC SUPPORT | J. R. Garman Rama Aiyawar (MIT) | J. W. Jurgensen R. R. Covelli (MIT) | J. A. Martin Thomas F. Gibson, Jr. | C. D. Sykes John E. Williams |
| AGS SUPPORT | R. W. Carl | R. R. Spaulding | K. L. Baker (TRW) | C. Lincoln (TRW) G. Shook (TRW) |

** Also Requires MOCR Badging

VEHICLE SYSTEMS - CSM

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|-------------------------|--|---|--|---|
| GUIDANCE AND NAVIGATION | William E. Price (NR) Richard B. Benson | Richard A. Freund (AC) William G. Weppner | Charles Essmeier Joseph N. DeAtkine | Frank DiGenova (PHO) F. J. Mussato (NR) |
| PROPULSION | Nathan Adams R. S. Watson | Orville J. Hoksch | W. C. Young | Joseph E. Borches (NR) John E. Walsh (PHO) |
| EPS | James J. Kelly (NR) Steve McLendon | William J. Moon William P. MacGregor (PHO) | Richard T. Brown (NR) Charles M. Jones (NR) | Lyle M. Vande Zande (PHO) Myron S. Staggs (NR) |
| SECRETARIAL SUPPORT | Dorothy M. Hamilton Marilyn H. Garzon | Olivia D. Merrell | Beverly Hobbs | Maxine Kitay (GAC) |

VEHICLE SYSTEMS - LM

| | | | | |
|----------|--------------------------|---|--|------------------------|
| LM PGNS | Bernard A. Durand | Floyd E. Page (GAC) Charles L. Gruby (PHO) Harlan Neuville (AC) | William W. Fink Herbert K. Fanning (AC) | John L. Nelson |
| LM AGS | Darrell E. Stamper | Don G. Clark (GAC) | Edwin F. Marzano | William E. Sturm (PHO) |
| LM PROP | Glenn W. Watkins | Carroll E. Hopkins | John E. Essing | Robert S. Nance |
| LM EPS | William D. Reeves | Leonard E. Nicholas | Robert D. Legler (PHO) | Robert H. Heselmeyer |
| LM INST | Hershel R. Perkins (PHO) | | Lawrence S. Bourgeois | David W. Whittle |
| LM ENVIR | James F. Nelson (GAC) | Fred A. Frere (GAC) | Harry Smith (GAC) | Quarance J. Patin |
| PLSS | William V. Bates, Jr. | James A. Joki | William L. Wafford (PHO) | Waymon J. Stephens |

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VEHICLE SYSTEMS - BSE

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|-----------------|-------------------------------|------------------------------|--------------------------------|----------------|
| BSE - LSS | Michael M. Harrington | William Marlowe | | |
| BSE - GND | John I. Sigler (IBM) | Rudy C. Tunello (IBM) | | |
| BSE - ENS | M. Ray Coker (IBM) | | Roger T. Goers (IBM) | |
| BSE - CMD | Daryl D. Anderson (IBM) | | | |
| BSE - ACS | Paul A. Hoffman (IBM) | Wayne F. Huning (MDAC) | William R. Davidson (MDAC) | |
| BSE - CONS | Sutton L. Graham (MDAC) | Paul A. Green (MDAC) | William E. Greenshields (MDAC) | |
| BSE - STG | Therald E. Ward (MDAC) | Arthur A. Puccetti (MDAC) | | |
| BSE - ENG | Richard S. Cattelle (MDAC) | Maurice L. McNeely (MDAC) | Hugh A. Barnwell (MDAC) | |
| BSE - MDAC MGR | K. J. Patelski (MDAC) | | | |
| BSE - IBM MGR | William H. Shook (IBM) | | | |
| DATA GRAPHICS | Charles S. Howard | | | |

Add 12
News Release #1

AEROMED SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|-------------------------|---|--|---|---|
| SURGEON | Samuel L. Pool, M.D. | Charles K. LaPinta, M.D. | George W. Hoffler, M.D. | |
| DATA ENGINEER | Edward L. Moseley | Frank Michelli | | |
| LOGISTICS SUPPORT | Marvin A. Bernahrd | Roy Laird | | |
| BIOMED ENGINEER | Robert N Hahn (B) | David C. Bradshaw (B) | Russell J. Kelly (B) | |
| CLERICAL SUPPORT | Frances Moore | Sharon Clarke | Donna L. Sanders Margery Weaver | |
| ECS | Larry E. Sheaks (NR) Craig Staresinich | John P. Byers (NR) Floyd E. Claunch (PHO) | George W. Conway (PHO) George M. Bliss | Kenneth E. Haithcoat (PHO) Hubert V. Gregan (NR) |
| EVA SUPPORT | John A. Rummel Lowell J. Nelson (B) | James M. Waligora Albert Cheek (B) | Lawrence Kuznetz Steven J. Vogel (B) | |
| AEROMED REPRESENTATIVES | H. Russell Hair* | William L. Tomkins | | |

*Also Require MOCR Badging

FLIGHT DIRECTOR SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|---------------------------------------|---|-------------------------------------|--|---------------------------|
| COMMUNICATIONS SUPPORT | Alan C. Glines Thomas L. Hanchett (NR) | J. O. Sayler (GAC) Gary B. Scott | Harold L. Moore (PHO) Granvil A. Pennington | |
| EXPERIMENTS SUPPORT | Robert T. Savely | Paul T. Pixley | Gary A. Ransford | |
| MISSION RQMT ENGINEER | Bobby L. Kyle | George I. Pettitt | | |
| REQUIREMENTS CONFIGURATION CONTROL | James E. Wallace | Richard A. Hoover* | Donald O. Bray | |
| TELEMETRY SUPPORT | Joseph E. Johnston (PHO) | Fred R. Sanders (PHO) | | |
| CALIBRATION SUPPORT | Edward B. Beatty | | | |
| MAPPING SCIENCES | Ken J. Hancock Robert O. Hill | Gary Gutschewski James H. Sasser | Harold L. Prior Lewis C. Wade | |
| RUNNER | Jackie Allee (LEC) | Maureen T. Ventura (LEC) | | |
| PHOTOGRAPHIC TEC LAB | Richard W. Underwood | Herbert A. Tiedemann | | |
| FPS - 1 | Elvin B. Pippert, Jr. | William R. Killian (TRW) | R. Wood Calvert (TRW) | Robert K. Jefferies (TRW) |
| FPS - 2 | Robert H. Nute | Marion F. Griffin | Gerald L. Shinkle | Alan C. Holt |
| CSM PROCEDURES SUPPORT | David J. Strunk | Ronlad D. Huffman | | |
| LM PROCEDURES SUPPORT | Normand F. Auger | W. R. Busch | Leon M. Vick (TRW) | |
| PHOTO SUPPORT | Helmut A. Kuehnel | | | |
| CLERICAL SUPPORT | Jimmye J. Ruiz (ITT) | Christine M. Rizzo (ITT) | Patricia B. Dewey (ITT) | Dixie M. Scurlock (ITT) |

* Also Require MDCR Badging

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News Release #1

| | <u>SPAN SSR</u> | | | |
|----------------------------------|-----------------------------------|--|------------------------------------|---------------------|
| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
| CSM SPAN SUPPORT | L. Wm. Blair (NR)* | Thomas R. Loe* | John A. Kamman* | Neil B. Hutchinson* |
| SECRETARIAL SUPPORT | Katherine Spencer | | | Alandra Y. Brady |
| SPAN MANAGER | Scott H. Simpkinson* | | | |
| OPERATIONS MANAGER | Owen E. Maynard* John Zarcaro* | Aaron Cohen* Ronald Kubicki* | Owen Morris* John R. Sevier* | |
| TEAM MANAGER | Donald D. Arabian* | Sidney C. Jones* | Robert W. Malley* | Joseph Dodson* |
| ADMINISTRATIVE SUPPORT | Robert J. Bailey* Herbert Tash | | | |
| MISSION STAFF ENGINEER | Stanley Blackmer | Gordon Teveldehl (TRW) | James Peacock | Robert J. Ward |
| LOG MANAGER | E. B. Stewart | Raymond Southers | William Meacham | Joseph Haulbrook |
| DOCUMENT | Curtis C. Collins | James W. Rayl | Harold Davis George Poinier (B) | |
| NR MANAGEMENT REPRESENTATIVE | George Jeffs (NR) | Michael Vucelic (NR) | George Merrick (NR) | |
| GAC MANAGEMENT REPRESENTATIVE | Howard Wright (GAC) | Robert Carbee (GAC) | | |
| LM SPAN SUPPORT | Charles V. Whitmore* (GAC) | James E. Hannigan* Frank L. Edelin* (GAC) | Elmer L. Keesler* (GAC) | |
| EVA - EMU | Robert E. Smylie | | | |

* Also require MOCR Badging

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| | <u>SPAN SSR</u> | | | |
|-----------------|---------------------|--------------------|---------------------|-----------------------|
| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
| FOD SPAN | Arnold D. Aldrich* | Melvin F. Brooks* | Jones W. Roach* | |
| MIT SPAN | Phil Felleman.(MIT) | Norman Sears (MIT) | George Silver (MIT) | Malcom Johnston (MIT) |

*Also Require MOCR Badging

ALSEP SSR

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|-------------------------------|---|--|---|---|
| ASE | Franklin W. Brizzolara Keith K. Kundel | James R. Gauthier | James F. Moser (PHO) | |
| SYSTEMS | Joseph L. James (PHO) | Donald J. McDonald (PHO) | Hubert I. Straw (PHO) | |
| DATA 1 | Rhea Q. Linney | Paul D. Nering | Joseph Fuller | |
| DATA 2 | Frank T. Mabley | David W. Owens | R. Lane Brown | |
| PLOTS | John H. Cooper | Richard C. Jacobs | | |
| BENDIX REPRESENTATIVE | Robert R. Miley (BEN) Jack Dye (BEN) | Hank Reinhold (BEN) | Charles Weatherred (BEN) | |
| TRANSCRIPT SUPPORT | Josephine C. Corey | Maureen E. Bowen | | |
| PRINCIPAL INVESTIGATORS | Norman G. Bailey (US) David L. Schleicher (US) J. Carroll (SWC) F. Johnson (SWC) G. Latham (DOH) Robert Shane (RICE)* Yosio Nahamura (DOH)* Frederick Duennebier (U/HAW)* A. Carraway J. B. Thomas Larry York* | R. M. Batson (US) E. M. Shoemaker (US) Hans Balsiger (RICE) D. Clay (JEL) W. McDonald (DOH) Ron Stebbings (RICE)* John Derr (MIT)* George Sutton (U/HAW)* W. D. Carrier C. Guderian (GE) E. Weeks Robert T. Carpenter (USA) | Dave Dahlem (US) E. Sutton (US) J. Freeman (RICE) Wayne Smith (RICE) L. Van Hemelrijck (DOH) J. Dorman (DOH)* Frank Press (MIT)* Robert Kovach (U/Stan)* T. W. Lambe (MIT) Wm. LeCroix M. McEwen Wm. C. Remini (USA) | T. Hait (US) G. Swann (US) Kent Hills (RICE) C. W. Snyder (JPL) Curt Michel (RICE)* M. Ewing (DOH)* Nati Toksoz (MIT)* J. K. Mitchell (U/Berk) R. F. Scott (Cal Tech) J. Sanders D. Evans |
| LSPO | G. P. Barnes (GE) A. Mitchell (GE) | J. Crane (GE) W. Stephenson | R. Fry (GE) J. Sulester | W. W. Lauderdale (GE) Dixie Grimes |
| CO-PRINCIPAL INVESTIGATORS | P. Dyal D. H. Morris (PHO) | P. Kleiman* K. Neier (Massey)* | K. Lewis* C. W. Parkin | G. J. Miatech C. P. Sonett |

*Badg to be held until after LM Ascent

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ALSEP SSR CONT'D

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|---------------------------|---|--|--|---|
| PROJECT ENGINEERS | Ron Bradford (BEN)* Jim Freytag (BEN)* Lynn Lewis (BEN)* Clyde Murtaugh (BEN)* P. D. Gerke H. J. Lowery* | George Cripps (BEN)* Francis Heinz (BEN)* James McNaughton (BEN)* Doug Walters (BEN)* J. H. Grayson* T. J. Nelson | Don Eaton (BEN)* Ron Howell (BEN)* Robert Mercer (BEN)* Joe A. Chandler R. H. Grieder C. L. Newsome | Dave Fithian (BEN)* Gene Larson (BEN)* Norm Morgan (BEN)* J. L. Cioni * G. P. Kenney D. W. Wiseman |
| EXPERIMENTS OFFICERS** | Bruce H. Walton | James E. Saultz, Sr. Bernard R. Brabant (PHO) | Burton L. Sharpe | |

DATA ANALYSIS -- SCIENCE ROOM

| | | | | |
|----------------------------|---|--|---|--|
| COURT REPORTERS | Donald Thacker (US) | Keith Welch (US) | | |
| PRINCIPAL INVESTIGATORS | H. E. Holt (US) Hans Mark Sid Rozansky (BEN) T. Foss | E. Goddard (U/MICH) M. Neugebauer (JPL) Bernie Rusky (BEN) L. G. Bromwell (MIT) | Aaron Waters (U/Cal) Don Breseke (BEN) T. Harrington N. C. Costes (MSFC) | H. Cross Ron Redick (BEN) R. Irwin B. W. Holder |

*Badges to be held until after LM Ascent

**Experiment Officers also require MOCR Badging

Add 18
News Release #1

CCATS

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|---|--------------------------|---------------------------|----------------------------|----------------|
| REAL TIME COMMAND CONTROLLER | Eugene Isaiah (PHO) | Hank Jenkins (PHO) | Glenn Spears (PHO) | |
| COMMAND LOAD CONTROLLER | Al Heinz (PHO) | Don H. Baerd (PHO) | John D. Pride (PHO) | |
| CCATS COMMAND CONTROLLER | Martin Sheridan (PHO) | John T. Bowen (PHO) | Fred H. Wrinkle | |
| TELEMETRY INSTRUMENT- ATION CONTROLLER | Donald J. Flippin (PHO) | August Degner (PHO) | Wayman Boatman (PHO) | |
| CCATS TELEMETRY CONTROLLER | Robert V. Grilli (PHO) | Layton A. B. Klotz | O. V. Pike (PHO) | |
| INSTRUMENTATION TRACKING CONTROLLER-1 | Walter E. Soetaert (PHO) | Kenneth D. McDonald (PHO) | Richard F. Robertson (PHO) | |
| INSTRUMENTATION TRACKING CONTROLLER-2 | John J. Blackburn (PHO) | Donald E. Halter (PHO) | Roger W. Williams (PHO) | |
| INSTRUMENTATION TRACKING CONTROLLER-3 | R. J. Reining | George T. Williams (PHO) | | |
| DOCUMENTATION COORDINATOR | Harold E. Smoak (PHO) | Doris Kluge (PHO) | Celeste E. Head (PHO) | |
| COMMUNICATIONS CONTROLLER - 1 | Charles T. Ritchie | Steve D. Richards (PHO) | Donald G. Snyder (PHO) | |
| COMMUNICATIONS CONTROLLER - 2 | Oliver E. Allen (PHO) | Frank W. Pitts (PHO) | Al E. Smith (PHO) | |

Add 19
News Release #1

CCATS CONT'D

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|----------------------------------|--|--|---|----------------------------------|
| COMMUNICATIONS CONTROLLER - 3 | Gerald L. Coppens (PHO) | Raymond L. Smith | Marcus D. Garner | |
| COMMUNICATIONS TECHNICIAN | George E. Metcalf | Verlin L. Fox (PHO) | Charles Brantley (PHO) | C. Nelson (PHO) |
| HOUSTON TELEMETRY CONTROLLER | William M. Essl (PHO) | Louis H. DeFore (PHO) | | |
| DISPLAY TECHNICIAN | Lorimer A. Parker (PHO) | E. I. Haney (PHO) | Charles E. Smith (PHO) | |
| TECHNICAL OPERATOR - 1 | Jack V. James (PHO) | James V. Hovendick (PHO) | Kendall L. Blean (PHO) | |
| INTERNAL VOICE CONTROLLER | George E. Thomas (PHO) | James A. Wilbarger (PHO) | E. Gonzales (PHO) | |
| GCC | K. L. Faulk (PHO) | Richard D. Jeffers (PHO) | C. Biggers (PHO) | |
| CPC | David T. Myles David L. Pitts Billy D. Janeway | Donald R. LaCombe Billy B. Evans Fred A. Patterson | David A. Beckman Edward E. Quin Glyn R. LeBlanc | Max C. Smith Thomas J. Hankee |

Add 20
News Release #1

REAL TIME COMPUTER COMPLEX

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|-----------------------|---|--|-----------------------------------|----------------------------|
| COMPUTER SUPERVISOR | E. L. Campbell (IBM) T. D. Wickham (IBM) | D. E. Willis E. G. Clayton | P. C. Payne (IBM) | J. E. Cools |
| DATA SELECT | C. T. Sheridan (IBM) R. D. Allen | E. L. Shinpaugh J. A. Layton (IBM) | F. L. Cross (IBM) | J. L. Saenz |
| DATA SELECT SUPPORT | Howard G. DeVezin Wilbur R. Wollenhaupt | Matthew M. Grogan Richard K. Osburn | Paul F. Flanagan Alan D. Wylie | |
| TELEMETRY | M. G. Johnson (IBM) L. W. Knutson | E. M. Lancaster J. W. Weidinger (IBM) | B. L. Corbett | C. G. Lytle (IBM) |
| DYNAMICS | M. R. Secundo (IBM) R. H. Smith (IBM) | R. J. Torres (IBM) R. B. Williams | R. C. Arndt | K. D. Leach |
| COMMAND | G. E. Myers (IBM) M. D. Dixon | C. W. Zinn | D. G. Nichols | C. T. Jacobsen (IBM) |
| ALSEP MISSION SUPPORT | Wm. L. Robinett (IBM) John J. Deacon (IBM) | Columbus R. Isabel (IBM) | John T. Hatch (IBM) | Roland D. Bingham (IBM) |

WEATHER ROOM

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|--|---|--|-------------------------------------|----------------|
| METEOROLOGIST | Alan N. Sanderson* Searl E. Richards* Ken Nagler* | Richard K. Siler* Edward F. Mitros* | Roger K. Carter* Richard Urbank* | |
| SPACE ENVIRONMENT CONSOLE-INSTR. SPEC. | S. N. Hardee | W. G. Davis | | |
| SEC - DOSE SPEC. | T. T. White | A. C. Hardy | C. S. Warren | |
| SEC - SOLAR PHYSICS SPEC. | J. W. Snyder** | M. D. Lopez** | D. E. Robbins** | |
| SEC - TEAM LEADER | R. G. Richmond*** | J. R. Bates*** | S. C. Freden*** | |
| COMMUNICATIONS REP. FROM GODDARD | Leonard C. Manning | | | |
| SPACE ENVIRONMENT CONSOLE - AEROMED | Charles M. Barnes*** Robert English (K-S)*** | Vernon Bailey*** Richard E. Benson*** | Edward D. Liles (B)*** | |
| SPACE ENVIRONMENT OFFICER | Billy T. Hervey Merril A. Lowe | J. Dennis Holt | Leonard G. Asher (PHO) | |
| DOD - DDMS WEATHER | Robert H. Dowd, LCol | Joseph K. Lambert, LCol | | |

* All these personnel Weather Bureau - ESSA

** Also Require Flt. Dyn. SSR Badging

*** Also Require Aeromed SSR Badging

Add 22
News Release #1

RECOVERY OPERATIONS CONTROL ROOM

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|-----------------------------------|--|---|---|----------------|
| RECOVERY COORDINATOR | Donald E. Stullken | Thomas E. Holt | Edward C. Bullock | |
| ASSISTANT RECOVERY COORDINATOR | Richard D. Snyder | Richard W. Blakley | William G. Robinson | |
| STATUS | James R. Larey | | | |
| LOGISTICS | James M. Heflin | | | |
| SECRETARIAL SUPPORT | Paula N. Jones Mary B. Grimsley | | | |
| DOD - DDMS RECOVERY SUPPORT | Elwin W. Smith, LCol. Jerry D. Harris, Maj. Robert R. Fife, LCDR | Harvey E. Smith LCDR Herman A. Spanagel LCDR Theil S. Naegle, Mau | W. R. Reynolds, Col. A. C. Brooks, Brig. Gen Saleem Aswad, Col. | |
| DOD - PAO | Jack M. Battle, Lt. | R. L. Peck, Lt. | | |
| DOD - COMM | Morris F. Schwartz P. L. Rafford | Thomas L. Samsel H. R. Lundy | James A. Robinson | |

#####

PROPERTIES AND SPACE ADMINISTRATION
MARTIN LUTHER KING CENTER
HOUSTON, TEXAS 77058

IA

MAR 18 1970

MICROFICHED
AUG 29 1977

4071

MEMORANDUM TO: See attached list
FROM : IA/Director of Flight Operations
SUBJECT : Flight Control Manning for Apollo 13

1. Attached for information, guidance, and necessary action is the current manning list for MOCR/SSR badging for Apollo 13. In addition, the temporary badge requirements are identified by mission elements.

2. Action required:

a. Security Branch -- Request mission badges be prepared as required.

b. Further, request names and security clearances be provided AFTER on flight controllers who will participate at these or associated installations.

MICROFICHED
SEP 7 1977

3. All agencies requiring personnel access not listed in the attached manning list should submit a memorandum of justification and MSC Form 1872 to Mrs. Joyce E. AuBuchon, Flight Control Division, extension 2637. These should be submitted no later than two weeks before the mission.

4. Security will prepare badge request cards, MSC Form 1872, for the names listed on the enclosure to this memorandum. Subsequent badge requests will be submitted and approved as follows: Black A's by the undersigned or Mr. Howard W. Tindall; Red A's by the Flight Director as appropriate.

Sigurd A. Sjoberg
Sigurd A. Sjoberg

Enclosure

INDEXING DATA

| DATE | OPR | # | T | FORM | SUBJECT | SIGNATOR | LOC |
|----------|-----|---|---|------------|---------|----------|--------|
| 03-18-70 | MSC | \ | M | APP FOF | (Title) | SJOBERG | 079-32 |

INCC/INCC MANNING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> | <u>SHIFT 4</u> |
|------------------------------|---|---|--|--------------------------------------|
| MANAGER OF FLIGHT OPERATIONS | Sigurd A. Sjoberg | | | |
| FLIGHT DIRECTOR | Milton L. Windler | Gerald D. Griffin | Eugene F. Kranz | Glynn S. Lunney |
| ASSISTANT FLIGHT DIRECTOR | Harold M. Draughon David F. Nicolson | John W. Temple Charles S. Harlan | Joe M. Leeper Charles R. Lewis | Larry W. Keyser |
| INCC | ✓ Thomas L. Hanchett (NR) | Granvil A. Pennington | Alan C. Glines | Gary B. Scott |
| PROCEDURES | Joseph A. Lazzaro | Earl W. Thompson | ✓ James R. Fucci | |
| FLIGHT DYNAMICS OFFICER | Jay H. Greene Jerry C. Bostick | H. David Reed Philip C. Shaffer | William M. Stoval Edward L. Pavelka | William J. Stone |
| RETROFIRE OFFICER | Jerry C. Elliott John S. Llewellyn | Charles F. Deiterich | Bobby T. Spencer | Thomas E. Wendel |
| GUIDANCE OFFICER | Stephen G. Bales C. Roger Wells Granville E. Paules | Kenneth W. Russell Charley B. Parker | William E. Fenner Raymond F. Teague | J. Gary Renick Willard S. Presley |
| LM TELM | Jack Knight | William L. Peters | Robert H. Heselmeyer | W. Merlin Merritt |
| LM CONTROL | John A. Wegener | Richard A. Thorson | Larry W. Strimple | Harold A. Loden |
| CSM CMC | Gary E. Coen | Briggs Willoughby | William J. Strahle | John A. Kamman |
| CSM EBCOM | John W. Aaron | Seymour A. Liebergot | Charles L. Dunis | William C. Burton |
| SURGEON | Willard R. Hawkins, M.D. John F. Zieglschmid, M.D. Sam L. Pool, M. D. | | | |
| AEROMED REPRESENTATIVE | H. Russell Hair | | | |

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
MAINED SPACECRAFT CENTER
HOUSTON, TEXAS 77058

MICROFILMED

AUG 29 1977

JAN 5 1977

IN REPLY REFER TO: 70-FC12-33

5



MEMORANDUM TO: See list attached
FROM : FA/Director of Flight Operations
SUBJECT : Flight Control manning for Apollo 14

Attached for information, guidance, and necessary action is the current manning list for MOGR/SSR badging for Apollo 14. In addition, the temporary badge requirements are identified by mission elements.

Action required:

1. Security Branch: Request mission badges be prepared as required.
2. Further, request names and security clearances be provided AFETR on flight controllers who will participate at these or associated installations.

All agencies requiring personnel access not listed on the attached manning list should submit a memorandum of justification and MSC Form 1872 to Mr. Cecil E. Dorsey, Flight Control Division, extension 2637. These should be submitted no later than 2 weeks before the mission.

Security will prepare badge request cards, MSC Form 1872, for the personnel listed on the enclosure to this memorandum. Subsequent badge requests will be submitted and approved as follows: Black A's by the undersigned or Mr. Howard W. Tindall; Red A's by the Flight Director, as appropriate.

Sigurd A. Sjoberg
Sigurd A. Sjoberg

Enclosure

FC:CEDorsey:bld

M. Pete Frank
File

INDEXING DATA

| DATE | OUR | IN | T | FC | SUBJECT | SIGNATOR | LOC |
|----------|------|------------|----|-----|---------|----------|------|
| 01-05-77 | 1956 | 70-FC12-33 | 19 | 110 | (11) | CTOL 110 | 19 2 |

KEY PERSONNEL ACCESS LIST FOR MISSION CONTROL CENTER*

| | | | |
|----|-------------------------------|----|---------------------|
| AA | Dr. Robert R. Gilruth | PA | James A. McDivitt |
| AB | Dr. Christopher C. Kraft, Jr. | | Scott H. Simpkinson |
| AC | George W. S. Abbey | | Ronald L. Kubicki |
| AD | Lt. Gen. Frank A. Bogart | | |
| AP | Brian Duff | TA | Anthony J. Calio |
| | Howard Gibbons | | Robert O. Piland |
| CA | Donald K. Slayton | | Dr. M. Gene Simmons |
| CB | Col. Thomas P. Stafford | | |
| CF | Warren J. North | | |
| DA | Charles A. Berry, M.D. | | |
| | Richard S. Johnston | | |
| | Allen D. Catterson, M.D. | | |
| DD | W. Royce Hawkins, M.D. | | |
| EA | Dr. M. A. Faget | | |
| | Aleck C. Bond | | |
| | Robert A. Gardiner | | |
| FA | Sigurd A. Sjoberg | | |
| | Howard W. Tindall | | |
| | Rodney G. Rose | | |
| | Robert E. Ernull | | |
| FC | Eugene F. Kranz | | |
| | Jones W. Roach | | |
| | Melvin F. Brooks | | |
| | Glynn S. Lunney | | |
| | M.P. Frank | | |
| | Milton L. Windler | | |
| | Gerald D. Griffin | | |
| FL | Jerome B. Hammack | | |
| FM | John P. Mayer | | |
| | Carl Huss | | |
| FS | Lynwood C. Dunseith | | |
| | James M. Satterfield | | |
| | James H. Moore | | |
| | R. H. Jones | | |
| | C. F. Drobkiewicz | | |
| | Samuel D. Sanborn | | |
| | Philip N. Barnes | | |
| | William B. Easter (GSF-L) | | |
| KA | Kenneth S. Kleinknecht | | |
| | Clifford E. Charlesworth | | |
| NA | Martin L. Raines | | |
| | W. M. Bland | | |
| | J. C. French | | |

NASA HEADQUARTERS

George M. Low
Charles W. Mathews
Rocco Petrone
Chester M. Lee
John D. Stevenson
Alfred P. Alibrando
Dale D. Myers

DEPARTMENT OF DEFENSE

Maj. Gen. David M. Jones
Maj. Gen. James W. Humphreys
Colonel Kenneth J. Mask
Colonel Benjamin B. Gayle
Commander Robert P. Gaarder
Major John F. Rapp (ZR2)

* Updated for Apollo 14

MCC/MOCR TRAINING

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|-------------------------------|------------------------------------|---|---|
| Director of Flight Operations | Sigurd A. Sjoberg | | |
| Flight Director | M. P. Frank G. S. Lunney | M. L. Windler | G. D. Griffin |
| Asst. Flt. Director | David Nicolson Charlie Harlan | James Covington Larry Keyser Charles R. Lewis | John Temple Barry Wolfer |
| INCO | Alan Glines Harold Black | L.L. D. Armstrong | Harley Weyer |
| Procedures | Joseph Lazzaro | Granville Pennington | Gary Scott |
| Flight Dynamics Officer | H. David Reed | William J. Boone, III | William M. Stoval Jay H. Greene |
| Retrofire Officer | Charles F. Deterich | Bobby T. Spencer | James E. I'Anson Jerry C. Elliott |
| Guidance Officer | Kenneth Russell | Williard Presley William Fenner | Gary Renick C. Roger Wells |
| LM TELMU | W. Merlin Merritt | Robert Heselmeyer | Jack Knight |
| LM Control | Larry W. Strimple | John A. Wegener | Richard A. Thorson |
| CSM GNC | Gary E. Coen Raymond S. Watson | John A. Kamman | Lawrence S. Canin Joseph N. DeAtkine |
| CSM EECOM | John W. Aaron J. Steve McLendon | Charles L. Dumis Craig Staresinich | Seymour A. Liebergot William J. Moon |

Apollo 15 News Center
Houston, Texas

July 26, 1971

APOLLO 15 FLIGHT DIRECTOR

SHIFT CHANGES

Change of shift briefings will normally start about 15 to 20 minutes after the shift changes.

| | | | | | |
|-----------|--------|----|------------|----------------------------|---------------|
| Monday | July | 26 | Midnight | Milton Windler | (Maroon Team) |
| Tuesday | " | 27 | 8:00 a.m. | Glynn Lunney | (Black Team) |
| Tuesday | " | 27 | 4:00 p.m. | Gerald Griffin | (Gold Team) |
| Tuesday | " | 27 | Midnight | Milton Windler | |
| Wednesday | " | 28 | 8:00 a.m. | Glynn Lunney | |
| " | " | 28 | 4:00 p.m. | Gerald Griffin | |
| " | " | 28 | Midnight | Milton Windler | |
| Thursday | " | 29 | 7:00 a.m. | Glynn Lunney | |
| " | " | 29 | 1:15 p.m. | Gerald Griffin | |
| " | " | 29 | 11:00 p.m. | Milton Windler | |
| Friday | " | 30 | 9:30 a.m. | Eugene Kranz | (White Team) |
| " | " | 30 | 6:00 p.m. | Glynn Lunney | |
| Saturday | " | 31 | 1:00 a.m. | Milton Windler | |
| " | " | 31 | 7:15 a.m. | M. P. Frank | (Orange Team) |
| " | " | 31 | 4:00 p.m. | Griffin (LM) - Kranz (CSM) | |
| " | " | 31 | 10:00 p.m. | Glynn Lunney | |
| Sunday | August | 1 | 4:00 a.m. | Milton Windler | |
| " | " | 1 | 2:00 p.m. | Griffin (LM) - Kranz (CSM) | |
| " | " | 1 | 11:00 p.m. | Glynn Lunney | |
| Monday | August | 2 | 9:00 a.m. | Griffin (LM) - Kranz (CSM) | |
| " | " | 2 | 5:00 p.m. | Milton Windler | |
| " | " | 2 | Midnight | Glynn Lunney | |
| Tuesday | " | 3 | 8:00 a.m. | Eugene Kranz | |
| " | " | 3 | 4:00 p.m. | Gerald Griffin | |
| " | " | 3 | Midnight | Glynn Lunney | |
| Wednesday | " | 4 | 8:00 a.m. | Milton Windler | |
| " | " | 4 | 5:00 p.m. | Eugene Kranz | |
| " | " | 4 | Midnight | Glynn Lunney | |
| Thursday | " | 5 | 8:00 a.m. | Milton Windler | |
| " | " | 5 | 4:00 p.m. | Gerald Griffin | |
| " | " | 5 | Midnight | Glynn Lunney | |
| Friday | August | 6 | 8:00 a.m. | Milton Windler | |
| " | " | 6 | 4:00 p.m. | Gerald Griffin | |
| " | " | 6 | Midnight | Glynn Lunney | |
| Saturday | " | 7 | 8:00 a.m. | Milton Windler | |
| " | " | 7 | 4:00 p.m. | Eugene Kranz | |

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|-------------------------------|--------------------------------|------------------------------|------------------------------------|
| DIRECTOR OF FLIGHT OPERATIONS | Sigurd A. Sjoberg | | |
| FLIGHT DIRECTOR | Gerald D. Griffin | Milton Windler | Glynn S. Lunney Eugene F. Kranz |
| ASS'T FLIGHT DIRECTOR | John H. Temple | | |
| INCO | Gary B. Scott | E. I. Fendell | G. A. Pennington |
| OPS. & PROCEDURES | H. L. Weyer | A. C. Glines | L.L.D. Armstrong R. B. Ramsell |
| FLIGHT DYNAMICS OFFICER | J.H. Greene M.G. Kennedy | W.J. Boone | W.M. Stoval |
| RETROFIRE OFFICER | C.F. Deiterich E.L. Pavelka | B.T. Spencer J.E. I'Anson | J.C. Elliott |
| GUIDANCE OFFICER | K.W. Russell W.S. Presley | J.G. Renick | C.B. Parker |
| LM TELMU | R.H. Heselmeyer W.L. Peters | Jack Knight | W.M. Merritt |
| LM CONTROL | R.A. Thorson | J.A. Wegener | L. W. Strimple |
| CSM GNC | G.E. Coen R.S. Watson | J.A. Kamman L.S. Canin | J.N. DeAtkine |
| CSM EECOM | J.W. Aaron J.S. McLendon | S.A. Liebergot C.L. Dumis | W.C. Burton Craig Staresinich |
| SURGEON | W.D. Hawkins, M.D. | J.F. Zieglschmid, M.D. | M.K. Baird, M.D. |

MOCR MANNING CONT

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SHIFT 2</u> | <u>SHIFT 3</u> |
|------------------------|---|---|---|
| BOOSTER SYSTEMS ENG.-1 | Frank Van Rensselaer | R. Scott Hamner | William Brady |
| BOOSTER SYSTEMS ENG -2 | C. Dean Hanks | Mike Harrington | Ted Ward (MDAC) William Harris (MDAC) |
| BOOSTER SYSTEMS ENG -3 | Don Townsend | Howell Hooper | Paul Hoffman (IBM) Roy Day (IBM) |
| PUBLIC AFFAIRS OFFICER | R. T. White | Douglas Ward, | John E. Riley |
| PAO ASSISTANT | K.D. Cockroft (Tec.) | E.W. Worrell (Tec.) | R.S. Cozens (Tec.) |
| DATA MANAGEMENT | E. Ray Hischke | | |
| CAPCOM | J. P. Allen E.D. Mitchell A.B. Sheppherd, Jr. | C.G. Fullerton R.A. Parker R.F. Gordon, Jr. | K.G. Henize H.H. Schmitt (1) Vance D. Brand |
| NETWORK CONTROLLER | D.A. Young W. Soetaret (P) T.W. Sheehan | J.R. Vice J. Conditt (P) E.L. Randall | L. Meyer (P) F.H. Wrinkle C.M. Horstman |
| TV EDIT | Thomas Winston (Tec.) | Jeanne Thornton (Tec) | Elissa Decker (Tec) |
| PHOTOGRAPHER | A.S. Patnesky | Charles Turner (AV) R.G. Bird (AV) | Gerald Bray (AV) |
| CONTRACT SUPERVISOR | E.D. Marsden (Tec) | | |
| AUDIO/TV COORDINATOR | Carl R. Hart | | |
| WRITER/PRODUCER | H. D. Wiseman (AV) | | |

MOCR MANNING'TPOSITIONSHIFTSHIFTSHIFT

TV MANAGER

J. M. SATTERFIELD

SOUND ENGINEER

G. R. OSBORN (AV)

INDUSTRIAL-SAFETY

CURTIS N. WHITE

EXPERIMENTS OFFICER

G. D. GRIFFITH

J. .E. SAULTZ, SR.

R. H. KOOS

SKYLAB OJT

C. B. SHELLEY

C. R. HICKS

A. M. LARSEN

T. R. LOE

R. K. HOLKAN

M. A. LOWE

T. A. WHITE

L. A. DELUCA

ORBITAL SCIENCE OFFICER

H. M. DRAUGHON

F. W. BRIZZOLARA, JR.

ALSEP SENIOR ENGINEER

P. D. NERING, JR.

K. K. KUNDEL

SATCOM

B. R. BRABANT (PHO)

FAO

S. H. GARDNER

T. W. HOLLOWAY

C. S. STOUGH

J. W. O'NEILL

E. B. PIPPERT

FAO EVA

R. G. ZEDAKAR

J. H. COVINGTON

MOCR MANNING COMMIT

POSITION

SHIFT 1

SHIFT 2

SHIFT 3

NASA HEADQUARTERS

MISSION DIRECTOR

R. A. PETRONE (2)

C.M. Lee (2)

MISSION DIRECTOR STAFF

J. K. Holcomb (2)

E. W. Land (2)

J. T. McClanahan (2)

R. B. Sheridan (2)

W. M. Wallace (2)

P. J. Bayer (2)

Col. R.R. Hessberg (3)

U. H. Polking (2)

E. Mollenberg (2)

M. Malamut (2)

APOLLO INFO. DIRECTOR

William J. O'Donnell

DEPUTY APOLLO INFO DIR.

Howard Allaway

RECOVERY OPERATIONS CONTROL ROOM

| <u>POSITION</u> | <u>SHIFT 1</u> | <u>SH. 2</u> | <u>SHIFT 3</u> |
|----------------------|--|---|---|
| RECOVERY COORDINATOR | C. C. Filley | R. D. Snyder | F.C. Sponholz |
| ASST RECOVERY COORD. | M. C. Pettit | H. L. Flanagan | G. L. Richeson |
| STATUS | J. R. Hamlin | | |
| LOGISTICS | T. E. O'Briant | | |
| LRD CONSULTANT | Harold E. Granger(4) | W. B. McCowan J. D. Shannon | W. R. Chase D. E. Stullken |
| CLERICAL SUPPORT | Dorothy Poland | Shirley Glicken | |
| DOD-COMM | H. Randall Lundy John L. Nordbusch | Thomas F. Samsel Donald W. Applegate | Joe F. Golden Morris F. Schwartz |
| DOD-RECOVERY | Capt. Peter J. Wolfe LCol. Robert L. Clark, III Maj. Donald E. Alford | Col. Walker R. Reynolds Maj. John E. Shaeffer Lt. William F. Zuna | CDR Howard G. Smith Maj. Jerry D. Harris |
| DOD-PAO | Andrew J. Wood | Laurence H. Macauley | Lt. Barry S. Glickman Lt. Ronald T. Sconyers |
| DOD-WEATHER | LCol Albert E. Devitt LCol Jack L. Buckingham Brig. Gen. William H. Best | LCol Robert H. Dowd Col John W. Collens | Col Louis J. Neyland 2Lt Brian P. Severin |

WEATHER ROOM

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|---------------------------|---|--|---|
| SPACE ENVIRONMENT CONSOLE | C.M. BARNES, DVM (3) V. BAILEY (3) | R.E. BENSON, DVM (3) R. ENGLISH (KEL/S) (3) | R. D. BROWN (KEL/S)(3) |
| METEOROLOGIST | A.N. ANDERSON (ESSA) KEN NAGLER (ESSA) | R.K. SILER (ESSA) | R.K. CARTER (ESSA) E. F. MITROS (ESSA) |
| RADIATION | J. DENIS HOLT JANIS PLESUMS | BILLY T. HERVEY JAMES E. WALLACE | VERNON BOWLING L.M. HIRSH (PHO) W.M. BEESON (MMC) |
| S&AD RADIATION | MANUEL LOPEZ ANDREI KONRADI | WILLIAM ATWELL T. T. WHITE | JOE SNYDER |
| NOAA RADIATION | JOHN MCKENNON DONALD E. ROBBINS | TAD SARGENT DON BAKER | GARY HECKMAN R. B. DOEKER |
| METEOROLOGICAL SUPPORT | RICHARD W. UNDERWOOD (4) | | |

FLIGHT DIRECTORS CSR

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|-----------------------------------|---|--|--|
| COMM SUPPORT | C. P. Dopson (P) T. L. Hanchett (NAR) Alan Lee Briscoe | J. O. Sayler (GAC) J. D. Kaiser (P) | H. L. Moore (P) Harold Black |
| FCOB SUPPORT | C. S. Harlan (4) | C. R. Lewis (4) | P. L. Ealick (4) |
| FLIGHT CREW PROCEDURES SUPPORT | Mike Walsh(4) | Charles O. Lewis (4) J. O. Rippey (4) | Dickie Warren (4) |
| PHOTO REPS | K. J. Hancock | G. L. Gutschewski | M. C. McEwen L. C. Wade |
| FLIGHT PLAN SUPPORT | L. J. Riche R. W. CALVERT (TRW) B. R. HURLBUT (TRW) C. M. RIZZO (STC) M. F. GRIFFIN | E. M. LANCASTER R. C. MECKLEY (TRW) S. T. POLLOCK (TRW) M. C. JONES (STC) R. H. NUTE | L. M. VICK (TRW) D. E. HUTSON (TRW) P. B. DEWEY (STC) G. L. SHINKLE |
| POST. FLIGHT EVALUATION | H. A. KUEHNEL | | |
| EVA SUPPORT | J. H. ROBERTS J. W. BILODEAU | T. O. MONTGOMERY (GE) | R. S. MILLICAN |
| LM SUPPORT | C. W. FLOYD (KSC) | W. R. BUSCH (KSC) | |
| CSM SUPPORT | J. E. SUNDRA (KSC) | L. D. CUNDIEFF (KSC) | |

FLIGHT DYNAMICS SSR

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|--------------------------|--|--|--|
| APOLLO GUIDANCE COMPUTER | J. R. Garman R. Nativi (TRW) J. L. Norton (TRW) | W. Lychwick C. D. Sykes W. F. Harwood (TRW) | J. W. Mill W. S. Ankey J. A. Martin, Jr. |
| ABORT GUIDANCE SYSTEMS | K. Baker (TRW) | G. Gibson (TRW) | G. Shook (TRW) R. W. Carl |
| DATA MANAGEMENT | L. D. Davis | R. E. Simms | |
| DES/ASC SUPPORT | W. M. Bolt M. N. Montez | J. H. Alphin | B. G. Taylor |
| DESCENT SUPPORT | G. L. Carman | | |
| ASCENT SUPPORT | J. D. Payne | | |
| DEORBIT SUPPORT | J. C. Harpold | D. W. Heath | Robert Manders |
| LAUNCH ABORT | E. M. Henderson | | |
| RTE SUPPORT | R. S. Davis | G. L. Norbraten | |
| MCC/LOI SUPPORT | Q. A. Holmes | R. G. Sanders | |
| RENDEZVOUS SUPPORT | A. L. DuPont | L.D. Hartley | |
| GUIDANCE SPECIALIST | A. J. Bordano | A. D. Long | |
| SELECT SUPPORT | J. C. McPherson (6) | E. R. Schiesser (6) | |
| NAVIGATION SUPPORT | P. T. Pixley T. J. Blucker | R. T. Savely | R. E. Ecklekamp |
| WSD SUPPORT | John E. Williams, Sr James A. Miller (4) James L. Cole (4) | John W. Jurgesen H. C. Otten (GAC) (2) Larry J. Dungan | M.C. Hayes (IPM) (2) D. L. Finley) (2) |

VEHICLE SYSTEMS - CSM SSR

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|------------------|--------------------------------------|--|--|
| CSM G&N | FRANK DIGENOVA (PHO) R.D. LERDAL | F.J. MUSSATO (NAR) RICHARD FITTS | W.E. PRICE (NAR) R.A. FREUND (AC) |
| CSM PROP. | J.E. WALSH (PHO) W. ALMASSY (BDX) | J. E. BORCHES (NAR) B.A. LEVY (BDX) | T.W. SEMPLE J.E. CLARK (PHO) |
| CSM EPS | J.J. KELLY (NAR) R.B. LACHNEY | C.M. JONES (NAR) J. GORMAN (PHO) | R.T. BROWN (NAR) H.K. HOILAND (MMC) |
| CSM ECS | J.P. BYERS (NAR) | G.W. CONWAY (PHO) | J.R. WARD (NAR) L.E. SHEAKS (AIR) |
| CLERICAL SUPPORT | | EDNA ROBERTS | O. DIANN MERRELL |
| SKYLAB OJT | R.C. WHITE | R.F.SCHULTHEISS | J.D. BLALOCK R.R. LANIER |

VEHICLE SYC 'S - LM SSR

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|---------------------|-----------------------------------|--------------------|------------------------------|
| LM EPS | R. D. Legler (P) V. S. Ritchey | L. E. Nicholas | W. D. Reeves |
| PROP & RCS | S. O. Mayfield | H. Herwig (TRW) | |
| LM ECS | H. Smith (GAC) R. M. Swalin | F. A. Frere (GAC) | Q. C. Patin, Jr. |
| LM INST/PYRO | H. R. Perkins (P) | D. W. Whittle | |
| PLSS CONSUMABLES | L. A. Wible (HamS) | | |
| PLSS - 1 | W. V. Bates | | |
| PLSS - 2 | L. V. Minter (p) | | |
| LM PROP | R. S. Nance | W. J. Stephens | G. W. Watkins |
| LM PROP CONSUMABLES | E. J. Keesler (GAC) | | |
| LM AGS | D. G. Clark (GAC) | D. E. Stamper | W. E. Sturm (P) |
| LM PNGS | C. L. Gruby (P) | W. W. Fink | J. L. Nelson J. J. Conway |
| PNGS SUPPORT | H. K. Fanning (DCASO) | | |
| CLERICAL SUPPORT | Dorothy M. Hamilton | Donna R. Daughrity | Maxine Kitay (GAC) |
| TYRONGENICS | P. Cantin | | |

VEHICLE SYSTEMS - BSE SSR

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|---------------------|-----------------------|------------------------|-------------------|
| BSE - LOWER STAGE | William Marlowe | | |
| BSE - CONSUMABLES | R. Cattelle (MDAC) | | W. Best (MDAC) |
| BSE - STAGE | R. A. Palmer (MDAC) | | |
| BSE - COMMAND | Daryl Anderson (IBM) | Roger Goers (IBM) | J. A. Smith (IBM) |
| BSE - ENS | R. D. Campbell (IBM) | | |
| BSE - ENGINE | M. L. McNeely (MDAC) | Hugh Barnwell (MDAC) | |
| BSE - GND | T. W. Green (IBM) | Ned Dean (IBM) | |
| BSE - ACS | W. R. Davidson (MDAC) | Roy Shavers (IBM) | |
| SKYLAB OJT | D. J. Kessler | Francis A. Lane (AS&E) | |
| SPECTROMETERS | L. G. Asher (P) | L. M. VandeZande (P) | |
| OPTICS | C. K. Alford | J. R. Gauthier (4) | J. R. Bodmer |
| LUNAR ORBIT SUPPORT | Enoch Jones | | |

AEROMED S'

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|------------------------|-------------------------|------------------------|-------------------|
| SURGEON | G. F. Humbert, M.D. | | S. L. Pool, M.D. |
| DATA ENGINEER | E. C. Moseley, Ph. D. | | |
| LOGISTICS OFFICER | M. A. Bernhard (4) | | |
| LOGISTICS SUPPORT | R. Laird | | |
| BIOMED ENGINEER | B. J. Goss (Bo) | L. W. Cox (Bo) | T. A. Gottas (Bo) |
| AEROMED REPRESENTATIVE | W. Tomkins | K. F. Hecht (4) | |
| METABOLIC TEAM - EVA | J. M. Waligora | L. H. Kuznetz | |
| BIOMED ENGINEER - EVA | S. J. Vogel (Bo) | L. J. Nelson (Bo) | |
| CLERICAL SUPPORT | P. Johnson M. Weaver | J. Rogers S. Clarke | B. Leschber |

SPACECRAFT ANALYSIS (SPAN) ROOM

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|------------------------|--|--|----------------------------------|
| SPAN MANAGER | Scott H. Simpkinson (7) | | |
| OPERATIONS MANAGER | R. H. Kohrs (4) Aaron Cohen (4) | R. W. Kubicki (7) O. G. Morris (4) | J. R. Sevier (4) |
| ASST.-OPS: MANAGER | J. Lowe (4) | D. Nebrig (4) | G. Coultas (4) |
| TEAM MANAGER | Donald D. Arabian (4) J. Dodson (4) | S. C. Jones (4) | R. W. Malley (4) |
| FOD SPAN SUPPORT | Melvin F. Brooks (7) | Jones W. Roach (7) | |
| LM SPAN SUPPORT | H. A. Loden (4) J. E. Hannigan (4) | R. L. Carlton (4) C. V. Whitmore (GAC)(4) | D. R. Puddy (4) |
| CSM SPAN SUPPORT | A. D. Aldrich (4) L. W. Blair (NAR) | N. B. Hutchinson (4) W. J. Moon (4) | W. J. Strahle (4) |
| FDB SPAN SUPPORT | J. C. Bostick (4) | W. E. Fenner | P. C. Shaffer (4) S. G. Bales |
| MIT SPAN SUPPORT | P. G. Felleman S. L. Copps | G. L. Silver | R. A. Larson |
| MISSION STAFF ENGINEER | J. Peacock | S. Blackmer | D. Segna |
| ADMINISTRATIVE SUPPORT | R. J. Bailey (4) | | J. W. Rayl |
| LOG MANAGER | J. Vyner | S. Weathersby | L. Wourms |
| DOCUMENTATION | G. Poiner (Bo) | H. Tash | D. Miller H. Davis |
| MPAD SUPPORT | R. L. Berry | J. R. Gurley | C. W. Pace M. A. Collins |
| GENERAL SUPPORT | K. J. Spencer | A. Y. Brady (NAR) | M. Kitay (G) 8) |

SPACECRAFT ANALY:SPAN) ROOM CON'TPOSITIONSHIFTSHIFTSHIFT

MANAGEMENT REP. (NAR)

G. Merrick

M. Vucelic

E. P. Smith

MANAGEMENT REP (GAC)

Williard Bischoff

F. Elliott

B. Catterson

MSFC REP FOR LRV

J. Sission

D. Arnett

A. Hughes
W. H. Perry

EVA

Richard E. Mayo

SCIENCE OPERATIONS ROOM - 314A

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|-------------------------------|---|---|--|
| SCIENCE OBSERVER | J. W. Young (4) | T. K. Mattingly (4) | C. M. Duke (4) |
| MISSION DIRECTOR/SCIENCE SPT. | Lee Scherer (5) | William O'Bryant (5) | |
| HEADQUARTERS CHAIR | Donald Beattie | Edward Davin | |
| S&AD REPRESENTATIVES | W. W. Lauderdale (GE) | J. R. Bates | John Zarcaro (4) |
| MAGNETOMETER | P. J. Coleman, Jr. (UCLA) | R. C. Snare (UCLA) | C. Russell (UCLA) |
| BENDIX SUPPORT | Robert Miley | R. Keeley | |
| LGE | G. A. Swann (USGS) E. D. Jackson (USGS) E. W. Wolfe (USGS) J. E. Head (Belcom) | L. T. Silver (CIT) M. H. Hait (CIT) G. E. Ulrich (USGS) J. S. Loman (USGS) | R. L. Sutton (CIT) G. G. Schaber (CIT) W. R. Muehleberger (UT) |
| SKYLAB OJT | J. Marvin Walker | Glenn H. Cress | |
| SURFACE OPS ENGINEER | John H. Cooper | Burton L. Sharpe | |
| SURFACE SYSTEMS ENGINEER | S. W. Law (P) | J. F. Moser (P) | |
| SURFACE NAVIGATION | T. C. Newton (Bo) | | |
| SURFACE TEAM | R. O. Pepin (U. of Minn) | N. W. Hinnners (Belcom) | W. C. Phinney D. W. Strangway |

SATELLITE CONTROL M - 314B

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|--------------------------|---|----------------------------------|------------------------------------|
| AEC SUPPORT | William Remini | | |
| ALSEP SYSTEMS ENGINEER | D. J. McDonald (P) | J. J. Nemeč (P) | L. D. Toups |
| ALSEP DATA | C. R. Capps (Bdx) | H. A. Zook | |
| ALSEP NETWORK CONTROLLER | Paul Dell'Osso (6) | Robert Gonzales (P) (6) | E. V. Carr (p) (6) |
| CLERICAL SUPPORT | Josephine C. Corey | Maureen Bowen | |
| P&FS/Particles & Fields | K. A. Anderson (UC/Berk) | L. M. Chase (UC/Berk) | R. P. Lin (UC/Berk) |
| P&FS SYSTEMS | J. H. Jinkerson F. R. Troutman (TRW) | J. C. Baker (P) A. B. Sanchez | |
| PHOTO TECH DIV. SUPPORT | E. A. Decker (Tec) | T. W. Winston (Tec) | U. J. Thornton (Tec) |
| LUNAR SURFACE SUPPORT | Don Wiseman | | |
| PI - CCGE | D. E. Evans | L. B. York | F. Johnson (UT) J. Carroll (UT) |
| LSM | Palmer Dahl (Ames) | C. W. Parkin (NRC) | J. S. Sobolik |
| SWS | C. W. Snyder (JPL) | D. R. Clay (JPL) | |
| SIDE | J. W. Freeman (Rice) | H. K. Hills (Rice) | W. A. Smith (Rice) |
| HFE | M. G. Langseth (Lamont-Doherty J. L. Chute Geo. Observ.) R. S. Perry | | D. Crouch (MMC) |
| PSE | G. Latham (Lamont-Doherty W. McDonald Geo. Observ.) L. VanHemelrijck | | |

DATA ANALYSIS ROOM - 210

| <u>POSIT.</u> | <u>SHIFT</u> | <u>IFT</u> | <u>SHIFT</u> |
|--------------------|--|--|---|
| LGE (USGS) | J. C. Nuttall (USGS) R. L. Tyner B. L. Leesman | K. B. Larson V. S. Reed D. R. Thacker | R. M. Batson N. G. Bailey K. E. Welch |
| BENDIX REPS. | R. Bradford | J. Urban | |
| HEADQUARTERS CHAIR | Leland Casey George Esenwein | John Hanky Floyd Roberson | David Winterhalter George Clegg |
| SOILS | W. D. Carrier | W. N. Houston (UC/Berk) | |
| S&AD REPS. | G. P. Barnes (GE) R. Fry (GE) P. J. Stull A. E. Wechsler (A.D.Little) | J. E. Crane (GE) R. A. Moke S. P. Clark (Yale) | A. G. Mitchell (GE) R. R. Baldwin B. D. Smith (Bdx) |
| ORBITAL TEAM | C. Meyer | A. Konradi (9) | |
| MASS SPECTROMETER | J. H. Hoffman (UT) | R. R. Hodges (UT) | |
| PHOTO | L. Kosofsky H. Masursky (USGS) | D. Lloyd (Belcom) S. N. Hardee | F. El-Baz (Belcom) |
| ALPHA PARTICLE | P. Gorenstein (AS&E) | P. Bjorkholm (AS&E) | |
| GAMMA RAY | J. R. Arnold (UC/SDgo) | A. Metzger (JPL) | |
| X-Ray | I. Adler | J. I. Trombka | |

CCATS

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|----------------------------------|--|------------------------------------|-----------------------------|
| REAL-TIME COMMAND CONTROLLER | DONALD BEARD (PHO) | J. T. BOWEN (PHO) | HANK JENKINS (PHO) |
| GROUND COMMAND CONTROLLER | J. W. MAJOR (PHO) | K. W. FAULK (PHO) | |
| CCATS LOAD CONTROLLER | R. FLEMMING (PHO) | G. SPEAR (PHO) | G. WEST (PHO) |
| INSTRUMENTATION TRKING CONTR. #1 | J. BLACKBURN (PHO) | T. WILLIAMS (PHO) | D. HALTER (PHO) |
| INSTRUMENTATION TRKING CONTR. #2 | R. WILLIAMS (PHO) | R. CONNER (PHO) | M. SHERIDAN (PHO) |
| DOCUMENTATION CONTROLLER | H. SMOAK (PHO) J. WATSON (PHO) | D. KLUGE (PHO) J. FOXHALL (PHO) | E. LARIMORE (PHO) |
| CCATS COMMAND | J. PRIDE (PHO) | J. LEE (PHO) | A. HEINZ (PHO) |
| PCM TLM | G. R. FREEMAN (PHO) | L. DEFORE (PHO) | |
| TELEMETRY INST. CONTROLLER | R. GRILLI (PHO) A. DEGNER (PHO) | D. FLIPPIN (PHO) | W. BOATMAN (PHO) |
| DISPLAY CONTROL D/TV | L. A. PARKER (PHO) | E. I. HANEY (PHO) | G. SMITH (PHO) |
| CCATS TELEMETRY CONTROLLER | W. ESSEL (PHO) | E. BEATY (PHO) | R. BRISCOE (PHO) |
| TECHNICIAN OPERATOR # 1 | S. A. SMITH (PHO) R. G. REED, JR. (PHO) | K. L. BLEAM (PHO) | J. V. JAMES (PHO) |
| TECHNICIAN OPERATOR #2, | B. W. COX | L. R. WHITAKER | R. M. HART R. W. HINSLEY |
| COMMUNICATIONS CONTROL # 1 | C. T. RITCHIE | S. D. RICHARDS (PHO) | A. E. SMITH (PHO) |
| COMMUNICATIONS CONTROL # 2 | M. G. GARNER | F. W. PITTS (PHO) | R. D. JEFFERS (PHO) |
| FOD TV EDITOR | E. A. TARKINGTON | J. C. WHITE | |

UNITS CONT

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|---------------------------|--|--|---|
| COMMUNICATIONS TECHNICIAN | O. E. ALLEN (PHO) G. E. METCALF | V. L. FOX (PHO) | G. G. COPPENS (PHO) |
| SCHEDULING CONSOLE | J. M. MITRANO (PHO) S. J. HANNAH (PHO) W. C. ROBERTSON (PHO) D. R. STARBUCK (PHO) | M. F. ALLEN (PHO) J. E. JOHNSTON (PHO) G. E. SPOONER (PHO) | R. W. AMASON (PHO) R. J. REAVES (PHO) T. W. SAMMONS (PHO) |
| FSMR SUPPORT | R. D. NICKERSON (6) J. E. GREGAN (6) | W. E. QUINN (6) J. O. POLK (6) | P. J. WHELAN (6) |
| HOUSTON VOICE | C. BRANTLEY (PHO) | P. J. QUINT (PHO) | J. M. GRAHAM (PHO) |
| INTERNAL VOICE CONTROL | A. E. GONZALES (PHO) | G. E. THOMAS (PHO) | |
| FACS | C. N. CROUCH (PHO) | W. L. JONES (PHO) | |
| MCC POWER COORDINATOR | K. M. RAMKE | W. A. LODISH (PHO) | M. H. BAKER (PHO) |
| FSD SUPPORT | C. R. PARKER (6) J. D. WATKINS (6) D. L. PITTS (6) | D. R. LACOMBE (6) F. A. PATTERSON (6) | D. A. BECKMAN (6) B. B. EVANS (6) |
| FSD M&O REP. | E. E. QUIN (6) | M. C. SMITH (6) | T. J. HANKEE (6) |
| C. P. CONTROLLER | B. D. JANEWAY (6) | G. R. LEBLANC (6) | |
| COMM/TRACK SUPPORT | M. L. LEWING (Uni) | R. C. SMITH (Uni) | G. O. TRLICA (Uni) |
| TLM SUPPORT | J. M. BOWEN (Uni) | E. R. LITTLETON, JR. (Uni) | E. E. GILMORE (Uni) |
| CMD SUPPORT | J. R. FLOWERS (Uni) | G. A. GUTIERREZ (Uni) | J. B. CHAMBLESS, JR. (Uni) |
| PROCESSOR CONTROLLER | | | G. E. ORTEGO (Uni) |

CCATS CON'T

POSITION

SHIFT

SHIFT

SHIFT

M & O SUPPORT

T. B. HENDRICKS (Uni)

J. J. FOGARTY (Uni)

P. C. DONAHUE (Uni)

SCU OPERATOR

D. L. BILLINGSLEY (Uni)

M. S. ALLEN (Uni)

J. R. SEDITA (Uni)

COMPUTER "A" OPERATOR

L. A. HUTCHINSON (Uni)

M. M. CANO (Uni)

C. E. WOOD (Uni)

COMPUTER "B" OPERATOR

R. E. GEBERT, JR. (Uni)

R. L. WILLIAMSON (Uni)

M. T. SANDEL (Uni)

COMPUTER "C" OPERATOR

S. D. MILLER (Uni)

D. L. CLARK (Uni)

D. P. GILBERT (Uni)

UTILITY OPERATOR

J. B. BLAZEK, JR. (Uni)

R. W. HYLAND (Uni)

M. R. PAIGE (Uni)

RTCC

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|------------------------|---|--|---|
| COMPUTER SUPERVISOR | R. T. MYERS (IBM) C. T. JACOBSEN (IBM) | E. L. CAMPBELL (IBM) | R. J. DONBROSKI (IBM) |
| DATA SELECT | F. L. CROSS (IBM) E. L. SHINPAUGH | J. D. VANCE R. R. SPAULDING | G. F. KENNEDY (IBM) G. N. LONG (IBM) E. LEWIS (IBM) |
| COMPUTER TELEMETRY | W. L. ROBINETT (IBM) C. G. LYTLE (IBM) | J. D. BAGWELL R. S. BECKMAN | F. DOERR (IBM) J. DAY (IBM) Daniel Nobra (IBM) |
| COMPUTER DYNAMICS | R. C. ARNDT R. B. WILLIAMS | R. J. TORRES (IBM) | K. D. LEACH D. E. GOOD (IBM) |
| COMPUTER COMMAND | M. D. DIXON (IBM) J. W. BORMANN | G. R. CHUMLEY (IBM) C. W. ZINN | K. W. DODD (IBM) |
| SELECT SUPPORT | H. A. PERKINS T. J. BLUCKER DAVID DVORKIN | H. G. DEVEZIN M. M. GROGAN W. L. SJOGREN (JPL) | W. R. WOLLENHAUPT R. K. OSBURN A. D. WYLIE |
| NAVIGATION SUPPORT | SAM CRIGLER (TRW) | MIKE GELBERG (TRW) | JIM DASHIELL (TRW) |
| SIM CHECKOUT | J. F. CHILDRESS (MMC)(10) J. L. PARKER (11) | D. F. SIMANTON (11) | K. F. HAMILTON (11) L. H. STYCLE (MMC) (10) |
| GODDARD REPRESENTATIVE | L. C. MANNING (12) | | |



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 MANNED SPACECRAFT CENTER
 HOUSTON, TEXAS 77058

REPLY TO
 ATTN OF: FC(72-08)

MAR 13 1972

MEMORANDUM

TO: Distribution

FROM: FA/Acting Director of Flight Operations

SUBJECT: Flight Control Manning for Apollo 16

Attached for information, guidance and necessary action is the current manning list for MOCR/SSR badging for Apollo 16. In addition, the temporary badge requirements are identified by mission elements.

Action required:

1. Security Branch: Request mission badges be prepared as required.
2. Further, request names and security clearances be provided AFETR on flight controllers who will participate at these or associated installations.

All agencies requiring personnel access not listed on the attached manning list should submit a memorandum of justification and MSC Form 1872 to Mr. Cecil E. Dorsey, Flight Control Division, extension 2637. These should be submitted no later than 2 weeks before the mission.

Security will prepare badge request cards, MSC Form 1872, for the personnel listed on the enclosure to this memorandum. Subsequent badge requests will be submitted and approved as follows: Black A's by the undersigned or Mr. Howard W. Tindall; Red A's by the Flight Director, as appropriate.

Sigurd A. Sjoberg

Enclosure

Distribution: See attached list.

FC12:CEDorsey:mlf:3/10/72:2637

INDEXING DATA

| DATE | OFF | # | T | FORM | SUBJECT | SIGNATOR | LOC |
|----------|-----|-----------|---|------|---------|----------|--------|
| 03/10/72 | MSC | FC(72-08) | M | ADD | (Alman) | SJOBORG | 080-23 |

KEY PERSONNEL ACCESS LIST FOR THE MISSION CONTROL CENTER*

AA Dr. Christopher C. Kraft, Jr.
 AB Mr. Sigurd A. Sjoberg
 AC Mr. George W. S. Abbey
 AE Dr. Robert R. Gilruth
 AP Mr. John W. King
 Mr. Howard Gibbons
 CA Mr. Donald K. Slayton
 Mr. Warren J. North
 CB Col. Thomas P. Stafford
 DA Mr. Richard S. Johnston
 DD W. Royce Hawkins, M.D.
 George G. Armstrong, M.D.
 EA Dr. Maxime A. Faget
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 Mr. Robert A. Gardiner
 ER Mr. Jerome B. Hammack
 FA Mr. Howard W. Tindall, Jr.
 Mr. Lynwood C. Dunseith
 Mr. Rodney G. Rose
 Mr. Robert E. Ernull
 FC Mr. Eugene F. Kranz
 Mr. Jones W. Roach
 Mr. Melvin F. Brooks
 Mr. M. P. Frank
 Mr. Milton L. Windler
 Mr. Gerald D. Griffin
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 Mr. Philip C. Shaffer
 Mr. Neil B. Hutchinson
 Mr. Donald R. Puddy
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 Mr. Carl R. Huss
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 Mr. John W. Collins
 Mr. C. F. Drobkiewicz
 Mr. Samuel D. Sanborn
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 Mr. William B. Easter (GSF-L)
 KA Mr. Kenneth S. Kleinknecht
 Mr. Clifford E. Charlesworth

NA Mr. Martin L. Raines
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 PA Col. James A. McDivitt
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 Mr. Owen G. Morris
 SA Mr. John C. French
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 Mr. Charles W. Mathews
 Mr. Chester M. Lee
 Mr. Alfred P. Alibrando
 Mr. Dale D. Myers
 Mr. John P. Donnelly
 Mr. Charles J. Donlan
 Charles A. Berry, M.D.

DEPARTMENT OF DEFENSE

Maj. General David M. Jones
 Colonel Kenneth J. Mask
 Colonel Allen R. Vette
 Colonel Benjamin B. Gayle
 Commander Robert P. Gaarder
 Commander Howard G. Smith

MARSHALL SPACEFLIGHT CENTER

Mr. Leland F. Belew

* Updated for Apollo 16

MCC/MCCR MANNING

| POSITION | SHIFT | SHIFT | SHIFT |
|-------------------------------|--|--|---|
| Director of Flight Operations | H. W. Tindall, Jr. | | |
| Flight Director | M.P. Frank P.C. Shaffer | E.F. Kranz D.R. Puddy | G.D. Griffin N.B. Hutchinson C.R. Lewis |
| Assistant Flight Director | B. M. Wolfer | J. H. Temple | |
| Flight Dynamics Officer | W.M. Stovall | J.H. Greene | W.J. Boone |
| Retrofire Officer | J.E. I'Anson | C.F. Deiterich | J.C. Elliott |
| Guidance Officer | K.W. Russell | W.S. Presley | J.G. Renick |
| CAPCOM | D.H. Peterson F.W. Haise, Jr. H.W. Hartsfield, Jr. | C.G. Fullerton S.A. Roosa A.W. England | J.B. Irwin E.D. Mitchell Maj. R.F. Overmyer |
| LM TELMU | Jack Knight, Jr. R.H. Heselmeyer | W.L. Peters | W.M. Merritt |
| LM Control | L.W. Strimple | R.A. Thorson | J.A. Wegener |
| NETWORK Controller | F.W. Wrinkle L.D. Meyer (Pho) | D.A. Young T.W. Sheehan | C.M. Horstman J.M. Conditt (Pho) |
| PAO | J. E. McLeaish J. E. Riley | D.K. Ward D.J. Green | R.T. White |
| PAO Assistant | R.S. Cozens (Techni) J.C. Harrison (Techni) | E.L. Worrell (Techni) | T.W. Winston (Techni) |
| Photo Tech Div. Rep. | R.W. Underwood | | |
| Contract Supervisor | E.D. Marsden (Techni) | M.J. Haxton (Techni) | |



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 MANNED SPACECRAFT CENTER
 HOUSTON, TEXAS 77058

REPLY TO
 ATTN OF: FC (72-46)

OCT 13 1972

MEMORANDUM

TO: Distribution
 FROM: FA/Director of Flight Operations
 SUBJECT: Flight Control Manning for Apollo 17

MICROFICHERD
AUG 29 1977

Attached for information, guidance, and necessary action is the current manning list for MOCR/SSR badging for Apollo 17. In addition, the temporary badge requirements are identified by mission elements.

Action required:

1. Security Branch: Request mission badges be prepared as required.

2. Further, request names and security clearances be provided AFETR on flight controllers who will participate at these or associated installations.

All agencies requiring personnel access not listed on the attached manning list should submit a memorandum of justification and MSC Form 1872 to Mr. Cecil E. Dorsey, Flight Control Division, extension 2637. These should be submitted no later than 2 weeks before the mission.

Security will prepare badge request cards, MSC Form 1872, for the personnel listed on the enclosure to this memorandum. Subsequent badge requests will be submitted and approved as follows: Black A's by the undersigned or Mr. Lynwood C. Dunseith; Red A's by the Flight Director, as appropriate.

Howard W. Tindall
 Howard W. Tindall

Enclosure

Distribution:
 See attached list.

FC12:CEDorsey:mlf:9/29/72:2637

| INDEXING DATA | | | | SIGNATOR | LOC |
|---------------|-----|-----------|----|----------|---------|
| DATE | OFF | # | T | PCM | SUBJECT |
| 10-13-72 | MSC | FC(72-46) | 07 | APD | (Above) |
| | | | | | TINDALL |
| | | | | | 080-41 |

KEY PERSONNEL ACCESS LIST FOR THE MISSION CONTROL CENTER*

AA Dr. Christopher C. Kraft, Jr.
AB Mr. Sigurd A. Sjoberg
AC Mr. George W. S. Abbey
AE Dr. Robert R. Gilruth
AP Mr. John W. King
CA Mr. Donald K. Slayton
Col. Thomas P. Stafford
Mr. Warren J. North
CB RADM Alan B. Shepard
DA Mr. Richard S. Johnston
DD W. Royce Hawkins, M.D.
George G. Armstrong, M.D.
John F. Zieglschmid, M.D.
EA Dr. Maxime A. Faget
Mr. Aleck C. Bond
Mr. Robert A. Gardiner
ER Mr. Jerome B. Hammack
FA Mr. Howard W. Tindall, Jr.
Mr. Lynwood C. Dunseith
Mr. Chris C. Critzos
Mr. Rodney G. Rose
Mr. Robert E. Ernull
Mr. Eugene Davis
FC Mr. Eugene F. Kranz
Mr. Jones W. Roach
Mr. Melvin F. Brooks
Mr. M. P. Frank
Mr. Milton L. Windler
Mr. Gerald D. Griffin
Mr. Charles R. Lewis
Mr. Philip C. Shaffer
Mr. Neil B. Hutchinson
Mr. Donald R. Puddy
FD Mr. Richard P. Parten
FM Mr. John P. Mayer
Mr. Carl R. Huss
FS Mr. James C. Stokes, Jr.
Mr. James M. Satterfield
Mr. James H. Moore
Mr. John W. Collins
Mr. C. F. Drobkiewicz
Mr. Samuel D. Sanborn
Mr. Philip N. Barnes
Mr. William B. Easter (GSF-L)
HA Mr. Clifford E. Charlesworth
Mr. John Zarcaro
KA Mr. Kenneth S. Kleinknecht
Mr. Arnold D. Aldrich

LA Mr. Robert F. Thompson
NA Mr. Martin L. Raines
Mr. William M. Bland, Jr.
PA Mr. Owen G. Morris
Dr. Glynn S. Lunney
Mr. Ronald L. Kubicki
Mr. Scott H. Simpkinson
Mr. Aaron Cohen
TA Mr. Anthony J. Calio
Capt. James A. Lovell, Jr.

NASA HEADQUARTERS

Dr. James C. Fletcher
Dr. George M. Low
Dr. Rocco A. Petrone
Mr. Charles W. Mathews
Mr. Chester M. Lee
Mr. Alfred P. P. Alibrando
Mr. Dale D. Myers
Mr. John P. Donnelly
Mr. Charles J. Donlan
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Commander Howard G. Smith

MARSHALL SPACEFLIGHT CENTER

Mr. Leland F. Belew

* Updated for Apollo 17

MISSION OPERATIONS CONTROL ROOM (MOCR)

(GREEN BADGES)

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|-----------------------|--|---|--|
| FLIGHT DIRECTOR | Gerald D. Griffin | Eugene F. Kranz Neil B. Hutchinson | M. P. Frank, III Charles Lewis |
| ASS'T FLIGHT DIRECTOR | John Temple | | |
| FIDO | Jay Greene Ronald Epps | William Stoval | William Boone, III |
| RETRO | Charles Deiterich Michael Collins | James I'Anson | Edward Pavelka |
| GUIDO | Willard S. Presley Jonny E. Ferguson | Kenneth W. Russell Brock R. Stone | Jerry W. Mill J. Gary Renick |
| LM/TELMU | W. Merlin Merritt | William L. Peters | Jack Knight, Jr. |
| LM/CONTROL | Richard A. Thorson | Larry Strimple | Harold Loden |
| PLSS-1 | | | William V. Bates |
| INCO | Gary B. Scott Thomas L. Hanchett (NAR) | Alan C. Glines | Lawrence L. D. Armstrong Edward I. Fendell |
| O&P | Richard B. Ramsell William B. Wood | Granvil A. Pennington Maurice Kennedy | Kim Anson |
| CSM/GNC | Lawrence S. Canin | Gary E. Coen | Raymond S. Watson |
| CSM/EECOM | Charlie L. Dumis | John W. Aaron | William J. Moon |
| CAPCOM | Charles G. Fullerton Joseph P. Allen Charles M. Duke | Robert F. Overmeyer Alan B. Shepard Stuart A. Roosa | Robert A. Parker Thomas K. Mattingly John W. Young |
| TV MANAGER | James M. Satterfield | | |

SPACECRAFT ANALYSIS ROOM (SPAN)

(PINK BADGE UNLESS OTHERWISE INDICATED)

| <u>POSITION</u> | <u>SHIFT</u> | <u>SHIFT</u> | <u>SHIFT</u> |
|--------------------------|---|---|--|
| SPAN MANAGER | Scott H. Simpkinson (1) | | |
| FOD SPAN REPRESENTATIVE | Jay Honeycutt (1) | Melvin F. Brooks (1) | Jones W. Roach (1) |
| FDB SPAN SUPPORT | Stephen Bales (1) | Jerry C. Bostick (1) | Charlie B. Parker (1) |
| CSSB SPAN SUPPORT | Seymour A. Liebergot (1) | T. Rodney Loe (1) William Blair (NAR)(1) | John Kamman (1) |
| LSSB SPAN SUPPORT | Robert Carlton (1) Donald Bourque (1) | James Shannon (1) Charlie Whitmore (GAC)(1) | James Hannigan (1) |
| ORBITAL SCIENCE SUPPORT | Philip Shaffer (1) | | Donald Puddy (1) |
| MPAD SUPPORT | Floyd V. Bennett | Jerome D. Yencharis Gene W. Ricks | Michael A. Collins Charles W. Pace |
| LRW SUPPORT | Bill Perry | Jim Sisson | |
| LOG MANAGER | Helen B. Statz James G. Prejean | John Wise Sam R. Weathersby | Florian B. Hopson Jeff Vyner |
| ASS'T OPERATIONS MANAGER | Daniel A. Nebrig | | |
| OPERATIONS MANAGEMENT | Robert V. Battey (1) John R. Sevier (1) David R. Scott (1) Gary A. Coultas | Owen G. Morris (1) Richard H. Kohrs (1) Sidney C. Jones (1) Don Corcoran | Ronald Kubicki (1) Glynn S. Lunney (1) Jerry S. Lowe Jesse F. Goree |
| ASPO SPAN SUPPORT | Alfred A. Bishop | Arthur R. White | Robert J. Ward |

****Note**** (1) MOCR BADGE REQUIRED

ASTRONOMICAL OBSERVATION DIVISION
JAN. 19, 1973

RECEIVED

JAN 11 1973

MEMO TO: Distribution

JAN 12 9 20 AM '73

FROM: FC/J. W. Roach

SUBJECT: Preliminary Skylab 1/2 Manning List

G 25/2-D 1-21

| | |
|-----------|---|
| KA/KSK | ✓ |
| KA/ADA | ✓ |
| KA/JCS | — |
| KA/CKW | — |
| KA/WDW | — |
| KD | — |
| KM/Action | Ⓢ |
| KS | ✓ |
| KT | ✓ |
| KW | ✓ |
| RA12 | ✓ |
| BT | ✓ |
| BT6 | Ⓢ |
| FILES | Ⓢ |

Attached for your review and utilization in the Skylab simulations is the preliminary Skylab manning list. We have identified as many positions and personnel as possible such that the majority of the positions will be manned for the upcoming simulations.

There are 4 orbital operations teams identified for Skylab 2. Personnel from team 5 will OJT during the Skylab 2 simulations and mission wherever practical, and will probably be used during subsequent missions. The Skylab 1 team has been identified in a separate column. Team 1 will be responsible for the launch, rendezvous, and entry phases of Skylab 2. This team will be combined with Team 3 for rendezvous activities and Team 2 for entry activities. Assigned personnel should be notified of their team assignment and their responsibilities to meet the appropriate simulations as well as team meetings in preparation for the Skylab missions.

Certain areas are not contained on the manning list. These are the Flight Surgeon, the MSG and MSG Flight Operations Management Room assignments, the Network Controller and Instrumentation Support Team, and the RTCC Controllers. The Weather Support personnel should also be added.

It is requested that this information be supplied to the Chief, Flight Control Division, by January 19 such that the remainder of the manning list be completed and reviewed.

J. W. Roach
Enclosure

#E-039

Distribution:

AC/G. W. S. Abbey
 CB/R. L. Crippen
 H. W. Hartsfield
 W. E. Thornton
 R. H. Truly
 CG/J. W. Bilodeau
 CG5/J. W. O'Neill
 DA/R. S. Johnston
 W. R. Hawkins
 Weather/Sanderson

FA/H. W. Tindall
 L. C. Dunseith
 R. E. Ernull
 FD/R. P. Parten
 FS/J. C. Stokes
~~KA~~/K. S. Kleinknecht
 A. D. Aldrich
 FC/Branch Chiefs
 Flight Directors
 MO-F/R. S. Hamner
 TA/A. J. Calio
 V. R. Wilmarth
 TF/R. B. MacDonald

SUBJECT: 574
 SIGNATOR: 574
 #
 OPR
 DATE: 01/11/73

SL-2 ORBITAL OPERATIONS TEAM MANNING

| | | Manned Act/ Deact | | | | Launch/ Activation | Launch/Entry |
|----------------|---------------|----------------------|------------------|-------------|------------|-----------------------|--------------|
| FUNCTION | TEAM 1 | TEAM 2 | TEAM 3 | TEAM 4 | TEAM 5 | SL-1 | TEAM 4 |
| TEAM DIRECTOR | Winkler/Lewis | Hutchinson | Puddy | Griffin | -- | Puddy | Shaffer |
| TECOM | Crippen | Hartsfield | Thornton | Truly | -- | -- | Truly |
| TD | Anderson | Whitely | Hughes | Kaiser | -- | Hughes | Kaiser |
| CHECKLIST | O'Neill | Holloway | Stough | P. Baker | -- | | |
| TIMELINE 1 | Wilkins | Melacon | Clemenz | Huffman | -- | | |
| TIMELINE 2 | Gentry | Pickett | Abramovitz | Campos | -- | | -- |
| TIMELINE 3 | Warco | Walker | Radcliff | Gross | -- | | -- |
| FAIR | Haas | Cacioppo | Vick | Ramirez | -- | | -- |
| EXPRO | H. Smith | Nute | Cornett | Griffin | -- | | -- |
| AEM LIAISON | Howe | Dahms | Holt | Flemming | -- | | -- |
| SOLIRO | Kotrc | Marrs | Easterly | Clapp | -- | | -- |
| EREIRO | Laski | Kelly | Schraufnagel | Lay | -- | | -- |
| WORKSHOP(PROC) | Hahne | Chanis | Plummer | Walker | -- | | -- |
| WORKSHOP(PLAN) | Ruda | Alee | Zook | Best | -- | | -- |
| STATUS | Motsko | Hutson | Miller | Scott | -- | | -- |
| STORAGE | Hoskins | (TBS) | ((TBS)) | (TBS) | -- | | -- |
| AEM | Renick | Wegener | Holkan | Nance | Stamper | Holkan | |
| PLANS | Holt | Walker, M. | Stamper/Gravett* | Blalock | Payne* | | |
| DATA | Plesums | Legler | Chmielewski | Walsh | Warden | Chmielewski | -- |
| CORSPEC | Hooper | Jambor | Dawson | Burnell | Tatum | Dawson | -- |
| X-RAY | Dickinson | Lane | Bullington | Joshi | McCartney* | Bullington | -- |
| SPECS | Dillard | Stringham | Koch | Smith, G. | Swift* | Koch | -- |
| BIOMED | Cox | DeLuca | White, R. | Hesselmeyer | | White, R. | -- |
| DATA | Johnson, A. | Wallace | Hanier | Franklin | Accola* | | -- |
| SYSTEMS | Hahn | Haithcoat | Wegmann | Kindle | Edwards* | | -- |