

DEPARTMENT OF THE AIR FORCE
OFFICE OF THE SECRETARY

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MEMORANDUM

AUG 6 1968

DR. FLAX

This is to advise you that all the MOL data requested by NASA at the June 25, 1968 meeting at Huntington Beach has been delivered to them.

Attached for your information is a list of the documents and studies which we have provided.

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JAMES T. STEWART
Major General, USAF
Vice Director, MOL Program

LIST OF DOCUMENTS AND STUDIES

PROVIDED NASA

DAC-MOL Data Book, (U), Volume I, System Configuration Data Sequence Number B278; Volume II, System Technical Performance Data, Sequence Number B278; Volume III, System Technical Performance Data, Sequence Number B-278.

DAC-Evaluation of the Usefulness of the MOL to Accomplish Early NASA Mission Objectives (U), Vol I, Electrical Power; Vol II, Environmental Control/Life Support; Vol III, Structures; Vol IV, Vehicle Electronics; Vol V, Stabilization and Control; Vol VI, Propulsion and Reaction Control; Vol VII, Crew Systems; Vol VIII, Support Systems, Gemini B, and Titan III-M.

DAC-Long Duration Operations Study (U), Volume I; Vol II, 25 Aug 67; Vol III; Volume - Summary.

DAC-Ground Test Plan, Development Test Plan, Sequence Number B285, dtd 15 June 1968; Qualification Test Plan, Sequence Number B286, dtd 1 May 1967; Acceptance Test Plan, Vol I, AVE Components through Subsystems and AGE CEI's, Sequence Number B287, dtd 25 June 1968

DAC-A3-810-EEBO-FMEA/AVE-001, FMEA, Structural/Mechanical Subsystem (01), Rev #2, dtd Mar 6, 1968.

DAC-A3-810-EEBO-FMEA/AVE-002, FMEA, Communication Subsystem (02), Rev #2, dtd Jan 29, 1968.

DAC-A3-810-EEBO-FMEA/AVE-003(KB), FMEA, Data Management Subsystem (03), dtd Apr 29, 1968.

DAC-A3-810-EEBO-FMEA/AVE-003, FMEA, Data Management Subsystem (03), Rev #2, dtd Feb 7, 1968.

DAC-A3-810-EEBO-FMEA/AVE-003, FMEA, Data Management Subsystem (03), Rev #2 - Supplement 2, dtd June 18, 1968

DAC-A3-810-EEBO-FMEA/AVE-004, FMEA, Instrumental/Displays & Controls Subsystem (04), Rev #2, dtd Feb 29, 1968

DAC-A3-810-EEBO-FMEA/AVE-005, FMEA, Environmental Control/
Life Support System (05), Rev #2, dtd May 6, 1968.

DAC-A3-810-EEBO-FMEA/AVE-006, FMEA, Attitude Control and
Translation Systems (ACTS)/Stabilization and Control
Electronics (SCE), Subsystem, dtd Feb 20, 1968, Rev #2.

DAC-A3-810-EEBO-FMEA/AVE-007, FMEA, ACTS/Propulsion Subsystem.
(ACTS/Prop) (07), Rev #2, dtd Feb 1, 1968.

DAC-A3-810-EEBB-32, Supplement to the ACTS/Propulsion (ACTS/
PROP), FMEA, dtd June 13, 1968.

DAC-A3-810-EEBO-FMEA/AVE-008, FMEA, Electrical Power Subsystem
(08), Rev #2, dtd March 15, 1968.

DAC-A3-810-EEBO-FMEA/AVE-012, FMEA, Flight Crew Equipment (12),
Medical Kit (12.02), Hand Tool Kit (12.03), Emergency Oxygen
Mask (12.04), Personal Portable Light (12.05), Intravehicular
Activity Life Support Umbilical (12.08), Untd.

DAC-Contract End Item Spec Part I, Lab Module, MOL, CEI 207011A,
10 May 1968.

Confidential Items from SL-5, Subj: Effect of Orbit Inclination;
Titan IIIM Launch Vehicle Payload Capability; Discretionary
Payload at 200 NMI (1000 lb).

Unclassified Items from Aerospace Corp; Subj: MOL Briefings to
NASA June 25, 1968.

DAC-5 Attachments: 1 - Reliability; 2 - Average Power;
3 - Task Time Allocation; 4 - Space Available; 5 - Gemini B
Return Capability.

DAC-Mass Properties Report 2.2, Design Status Report (U),
Sequence Number B251.

Aerospace Doc - Possible Utilization of MOL Hardware for Earth
Orbital Scientific/Engineering Applications, dtd 22 Jul 68,
with Doc - Cost Estimates for T-IIIM at ETR.