

2005 Current Fiscal Year Report: Aerospace Medicine and Occupational Health Advisory Committee

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1. Department or Agency

National Aeronautics and Space Administration

2. Fiscal Year

2005

3. Committee or Subcommittee

Aerospace Medicine and Occupational Health Advisory Committee

3b. GSA Committee No.

13848

4. Is this New During Fiscal Year?

No

5. Current Charter

04/29/2005

6. Expected Renewal Date

04/29/2007

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

Yes

8b. Specific Termination Authority

NASA Strategic Management Council, Meeting Minutes

8c. Actual Term Date

09/20/2005

9. Agency Recommendation for Next Fiscal Year

Terminate

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Enacted

11. Establishment Authority Agency Authority

12. Specific Establishment Authority

Public Law 85-568, As Amended, Section 203 (c)(7)

13. Effective Date

04/24/1997

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Other Committee

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open Meetings and Dates 1 17b. Closed Meetings and Dates 0 17c. Partially Closed Meetings and Dates 0 17d. Total Meetings and Dates 1

Purpose

To provide advice and make recommendations to the Chief Health and Medical Officer on plans, policies, programs, and other matters pertinent to the Agency's responsibilities for aerospace medicine and occupational health, including direction and requirements of clinical research in support of human space flight, standards for health and medical practice, and medical and ethical standards for human and animal research and clinical practice.

Start

End

08/10/2005 - 08/10/2005

Number of Committee Meetings Listed: 1

Current FY Next FY

18a(1). Personnel Pmts to Non-Federal Members

\$0.00 \$0.00

18a(2). Personnel Pmts to Federal Members

\$0.00 \$0.00

18a(3). Personnel Pmts to Federal Staff

\$0.00 \$0.00

18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$1,782.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$225.00	\$0.00
18d. Total	\$2,007.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

20a. How does the Committee accomplish its purpose?

The Aerospace Medicine and Occupational Health Advisory Committee (AMOHAC) advised the NASA Administrator through the NASA Advisory Council (NAC) on Agency policies, programs and plans relative to NASA's responsibilities for aerospace medicine and occupational health. In aerospace medicine, Committee responsibilities broadly included advising NASA on all health and medical practice as well as health related research requirements and direction in support of human space flight. In occupational health, Committee advice covered compliance with externally mandated statutory requirements and the provision of effective health services for employees.

20b. How does the Committee balance its membership?

At least one member of the Office of Biological and Physical Research Advisory Committee, the Space Flight Advisory Committee, and the Aerospace Safety Advisory Panel was appointed to the Committee to ensure robust communication and integration between these advisory groups on all matters affecting health. Membership was balanced with experts representing aerospace medicine, occupational health, clinical medicine practice, and medical management.

20c. How frequent and relevant are the Committee Meetings?

Estimated number of meetings per year: 2. Estimated total meetings: 6.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The Committee advised the NASA Administrator on crucial, uncharted areas impacting short and long distance space travel and made recommendations shaping the strategic and tactical direction of Agency occupational health, improving return on investment and performance-based decision making in the human capital arena. The collective Committee expertise in such selective areas as atmospheric and space flight, occupational health epidemiological tracking, clinical research in support of space medicine, the practice of medicine in extreme environments, bioethics, and medical

practice development is not sufficiently resident within NASA. NASA requires consensus advice from experts in these disciplines to optimize the execution of our broad range of related responsibilities.

20e. Why is it necessary to close and/or partially closed committee meetings?

21. Remarks

This advisory committee was terminated as part of the overall NASA advisory committee restructuring effort that took place during 2005.

Designated Federal Officer

Pamela R Barnes Administrative Officer

Committee Members	Start	End	Occupation	Member Designation
Gross, Leroy	10/10/2002	09/30/2005	INOMED Inc.	Special Government Employee (SGE) Member
Gussin, Robert	10/10/2002	09/30/2005	Independent Consultant	Special Government Employee (SGE) Member
Harris, Bernard	10/10/2002	09/30/2005	Harris Foundation	Special Government Employee (SGE) Member
Manyak, Michael	02/12/2003	09/30/2005	The George Washington University Medical Center	Special Government Employee (SGE) Member
Merrell, Ronald	10/20/2002	09/30/2005	Virginia Commonwealth University	Special Government Employee (SGE) Member
Pool, Sam	10/10/2002	09/30/2005	NASA Johnson Space Center	Regular Government Employee (RGE) Member
Rayman, Russell	10/10/2002	09/30/2005	Aerospace Medicine Association	Special Government Employee (SGE) Member
Saenger, Arleen	10/10/2002	09/30/2005	Federal Aviation Administration	Special Government Employee (SGE) Member

Number of Committee Members Listed: 8

Narrative Description

NASA is obligated to its stakeholders to meet the intent of the National Aeronautics and Space Act of 1958, which established the Agency for the purpose of expanding human knowledge for the benefit of all humankind. As such, NASA employs a process of checks and balances, including health and medical policy direction, technical requirements and standards to maximize health protection within mission constraints at all levels, and to assist NASA in focusing on biomedical research efforts. The Committee drew on the expertise of its members and other sources to provide advice and made recommendations to the Chief Health and Medical Officer on plans, policies, programs, and other matters pertinent to the Agency’s responsibilities for aerospace medicine and occupational health, including direction and requirements of clinical research in support of

human space flight, standards for health and medical practice, and medical and ethical standards for human and animal research and clinical practice.

What are the most significant program outcomes associated with this committee?

Checked if Applies

- Improvements to health or safety
- Trust in government
- Major policy changes
- Advance in scientific research
- Effective grant making
- Improved service delivery
- Increased customer satisfaction
- Implementation of laws or regulatory requirements
- Other

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

- None
- Unable to Determine
- Under \$100,000
- \$100,000 - \$500,000
- \$500,001 - \$1,000,000
- \$1,000,001 - \$5,000,000
- \$5,000,001 - \$10,000,000
- Over \$10,000,000
- Cost Savings Other

Cost Savings Comments

Cost savings is unknown.

What is the approximate Number of recommendations produced by this committee for the life of the committee?

11

Number of Recommendations Comments

Recommendations included the following: 1) the role of AMOHAC as a policy advisory

panel; 2) the need for R&D activities to continue to follow the DoD acquisition model by using peer review/program review/portfolio management principles; 3) refinements of the Transition to Medical Practice (TMP); 4) ways of augmenting potential community of commercial and university contributors to the bioastronautics Roadmap; 5) research and development for the completion of the Crew Exploration Vehicle (CEV); 6) deliverables that allow flexibility to accommodate improvements in medical prevention, diagnostics, pharmacology, and intervention; 7) a process to identify standards, requirements and deliverables to ensure prevention, health maintenance for ground workforce, and additional medical intervention for astronauts; 8) the inclusion of medical decision makers in the design teams of the CEV; 9) continuation of ways to provide appropriate reproductive services for astronauts; 10) implementation of a comprehensive health program for astronauts and their families; and 11) the appropriation of resources for hardware, software refinement, and personnel to deploy an electronic health record system for occupational medicine.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

81%

% of Recommendations Fully Implemented Comments

Recommendations 2, 3, 4, 5, 6, 7, 8, 10, and 11 are expected to be fully implemented.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

NA

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes No Not Applicable

Agency Feedback Comments

The Committee Chair presented findings and recommendations at the NASA Advisory Committee (NAC) for disposition.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

- Reorganized Priorities
- Reallocated resources
- Issued new regulation
- Proposed legislation
- Approved grants or other payments
- Other

Action Comments

NA

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

- Contact DFO
- Online Agency Web Site
- Online Committee Web Site
- Online GSA FACA Web Site
- Publications
- Other

Access Comments

Committee information and documentation resides in the Office of the Chief Health and Medical Officer with the DFO.