

NOAA Form 56-48 (Request for Aircraft Support) Instructions

Block 1: Project Name (or brief description of Mission) List the project name or briefly describe mission (example: passenger transportation to meeting).

Block 2: NOAA Mission Goals Supported by the Project (Select all and show percentages if selecting more than one) Check the appropriate box(es) and identify the percentages supported if selecting more than one Mission Goal.

Block 3: PPBES Program(s) supported by the Project/Mission. List the Program(s) within the Mission Goal(s) that are supported by the Project/Mission. The Programs and Mission Goals can be found at:
<https://www.ppbs.noaa.gov/index.html> (NOAA email login required for access)

Block 4: Field of Science Category. List the number and appropriate category from the following list - if using more than one please show percentage of each:

- (1) **Basic Research** - Not applicable to NOAA
- (2) **Applied Research** - is primarily interested in a practical use of knowledge or understanding for the purpose of meeting a recognized need.
- (3) **Development Directed** - is systematic use of the knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.
- (4) **NON R&D** - routine product testing, quality control, mapping and surveys, collection of general-purpose statistics, experimental production, and activities concerned primarily with the dissemination of scientific information and the training of scientific staff.

Block 5: NSF R&D Category. List the number and appropriate category from the following list - if using more than one please show percentage of each:

NA Not applicable - if NSF code is 4- Non R&D

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|--------------------------|------------------------------|
| 11 Astronomy | 33 Oceanography |
| 12 Chemistry | 39 Environmental Science |
| 13 Physics | 41 Aeronautical Engineering |
| 19 Physical Science | 42 Astronautical Engineering |
| 21 Mathematics | 43 Chemical Engineering |
| 22 Computer Science | 44 Civil Engineering |
| 29 Math/computer Science | 45 Electrical Engineering |
| 31 Atmospheric Science | 46 Mechanical Engineering |
| 32 Geological Science | 47 Metallurgy & Material |

49 Engineering
51 Biological
54 Environmental Biology
55 Agricultural
56 Medical
59 Life Science
61 Biological Psychology
69 Psychological Science
71 Anthropology

72 Economics
75 Political Science
76 Sociology
79 Social Sciences
80 Cryogenics (NIST)
81 Measurement (NIST)
82 Other Engineering (NIST)
99 Other Science

Block 6: Abstract of Proposal/Brief Description of Program or Project.
Describe Project/Mission

Block 7: Impact Statement (Impact of project not being funded). Describe the impact (to NOAA and the nation) of this request not being funded

Block 8: Requested Project Date(s). Show start and end dates.

Block 9: Total number of Project Day(s). List total Project days required

Block 10: Requested Flight Hours. List total flight hours required

Block 11: Type of Aircraft Requested. List aircraft type if specific type is required, otherwise list characteristics such as high wing multi-engine, etc.

Block 12: Planned Flight Hours per Month. Indicate the number of hours planned for the project by month.

Block 13: Project Area (staging area and area of operation). List location of the project in general terms.

Block 14: Flight Schedule Profile(s) (ie. Altitude, speed, duration, time of day, required weather). List Flight Profile

Block 15: Are modifications or special instrumentation required? This provides AOC with information about whether the aircraft will be needed for modifications and helps to provide accurate cost information.

Block 16: Have all project participants complied with the NOAA aviations Safety policy. NAO 209-124 identifies the training requirements for NOAA personnel to conduct operational flights.

Block 17: Do you require Dropsondes for your project? Indicate by checking the appropriate box. If you do require dropsondes, list the number required and whether or not funding is available in your program to purchase them

Block 18: Will any foreign nationals require access to the OMAO aircraft or the Aircraft Operations Center. NAO 207-12 provides guidance for foreign nationals and U.S. property.
(http://www.corporateservices.noaa.gov/~ames/NAOs/Chap_207/207-12.pdf)

Block 19: If a NOAA Fleet aircraft is unavailable or not economical, do you want to charter an aircraft to support your project? Indicate your desire to outsource this project if a NOAA Marine and Aviation Operations Aircraft Operation Center aircraft will not be available to support your project due to schedule conflicts or cost

Block 20: Funding Source. Indicate by checking the appropriate box or boxes:

Aircraft Services Funds = AOC Base Funded project
NOAA Program Funds = NOAA Mission Goal Program will fund the flight hours
Non-NOAA Funds = Funds from an outside agency to support flight hours

Block 21: Principle Investigator/Primary Point of Contact. Provide contact information

Block 22: Funding Agency/Sponsor. Authorized to Sign the Financial Operating Plan provide contact information

Block 23: NOAA PPBES Program Manager Approval of Aircraft Request. The NOAA PPBES Program Manager should review and sign the aircraft request prior to submitting it to NMAO. The current Program Manager listing is available at: https://www.ppbs.noaa.gov/PDFs/program_manager_list.pdf (NOAA email login required for access).

Block 24: NMAO Assigned Clearance Number. This number is required for Aircraft Charter as per NOAA Administrative Order (NAO 216-104) (http://www.corporateservices.noaa.gov/~ames/NAOs/Chap_216/naos_216_104.html) Section 7.03, clearance must be obtained from NOAA Marine and Aviation Operations Program Services and Outsourcing Division prior to chartering aircraft for mission flights. NMAO will fill in this block and fax or email the form back to the requestor if a charter is required.