

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

Block 1: Project /Mission Name (or brief description of Mission)

List the project name or briefly describe mission (example: passenger transportation to meeting).

Block 2: NOAA Long-Term Goal supported by the project/mission (Select all that apply and show percentages)

Check the appropriate box(es) and identify the percentages supported if selecting more than one Long-Term Goal.

CAM = Climate Adaptation and Mitigation

WRN = Weather-Ready Nation

HO = Healthy Oceans

RCCE = Resilient Coastal Communities & Economies

Block 3: NOAA Long-Term Goal Objective(s) supported by the project/mission

Select the primary and secondary objective (s) within the Long-Term Goal(s) that are supported by the Project/Mission. The Long-Term Goals and Objectives can be found at:

<https://www.see.noaa.gov/index.html> (NOAA email login required for access)

Block 4: Field of Science Category

Select the primary and secondary category from the following list:

(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

Select the primary and secondary category from the following list, if applicable:

N/A - if NSF code is 4- Non R&D

11 Astronomy

12 Chemistry

13 Physics

19 Physical Science

21 Mathematics

22 Computer Science

29 Math/computer Science

31 Atmospheric Science

32 Geological Science

33 Oceanography

39 Environmental Science

41 Aeronautical Engineering

42 Astronautical Engineering

43 Chemical Engineering

44 Civil Engineering

45 Electrical Engineering

46 Mechanical Engineering

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, use continuation page if necessary

Block 7: Describe specific performance measures/metrics that will be used to define success of the project and how they will be collected (use continuation page if necessary)

Describe performance measures/metrics that can be used to determine success or failure of project, including how the performance measures/metrics will be collected. Use continuation page if necessary. (example: cover 100% of the central 50% of the survey area; calculated by nautical miles of designated flight tracks flown within the survey area)

Block 8: State the impact to NOAA Goals if the project is not funded

Describe the impact (to NOAA and the nation) if this request is not funded. Use continuation page if necessary

Block 9: Requested project dates

Show start and end dates.

Block 10: Total number of project days

List total Project days required

Block 11: Requested flight hours

List total flight hours requested

Block 12: Type of aircraft requested

List aircraft type if a specific type is requested; otherwise list characteristics such as high wing, multi-engine, etc.

Block 13: Planned flight hours per month

Indicate the number of hours planned for the project by month.

Block 14: Project area (staging area and area of operation)

List location of the project in general terms.

Block 15: Flight Profiles (ie. Altitude, speed, duration, time of day, required weather)

List flight profile required for the project/mission.

Block 16: Are aircraft modifications, special instrumentation, or other unique requirements needed?

This provides AOC with information about whether aircraft modifications are required, extend of effort required, and helps to provide accurate cost information. If yes, use continuation page to explain and also define fully mission capable aircraft, partially mission capable aircraft, and non mission capable aircraft with respect to the project/mission and modifications or instrumentation needed.

Block 17: 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 18: 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 19: Will any foreign nationals require access to the OMAO aircraft or the Aircraft Operations Center?

See NOAA Deemed Export Technology Control Program (<http://deemedexports.noaa.gov/>) for deemed export regulations and other access control procedures.

Block 20: 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 an OMAO aircraft will not be available to support your project due to schedule conflicts or cost

Block 21: Funding Source.

Indicate by checking the appropriate box or boxes:

NOAA Aircraft Services Funds = AOC Base Funded project

NOAA Program Funds = NOAA Line Office funds

Non-NOAA Funds = Funds from an outside agency

Block 22: Principle Investigator/Primary Point of Contact.

Provide contact information and sign/date the form

Block 23: Funding Agency/Sponsor authorized to sign the financial operating plan (FOP)

Provide contact information and sign/date the form

Block 24: OMAO assigned charter clearance number for fiscal year

This clearance number is required for Aircraft Charter as per NAO 216-104, section 7.03.

(http://www.corporateservices.noaa.gov/~ames/NAOs/Chap_216/naos_216_104.html) clearance must be obtained from OMAO prior to chartering aircraft for mission flights. OMAO will fill in this block and either fax or scan and email the form back to the requestor if a charter is required.