NOAA Form 57-11-51
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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

AIRCRAFT SUPPORT REQUEST

Electronically submit the form to: OMAO.Fleet.Council.AWG@noaa.gov, or Fax the form to: 301-713-1541 or Mail the form to:
Office of Marine and Aviation Operations, MAOC; 8403 Colesville Road, Suite 500; Silver Spring, MD 20910-6333

1. PROJECT NAME (and brief description)

2. NOAA LONG-TERM GOAL (supported by the project/mission – select all that apply, show percentages, see instructions for more information)

☐ Unknown % ☐ CAM % ☐ WRN % ☐ HO % ☐ RCCE %

3. NOAA LONG-TERM GOAL OBJECTIVE (supported by the project/mission)

Primary Primary Long-Term Goal Objective Secondary Secondary Long-Term Goal Objective

4. FIELD of SCIENCE CATEGORY (see Instructions)		5. NSF R&D CATEGORY (see Instructions)	
Primary Field of Science	Secondary Field of Science	Primary R&D Category	Secondary R&D Category

6. ABSTRACT of PROPOSAL (provide a brief description of the program or the project, use Continuation Page if necessary)

7. PERFORMANCE METRICS (describe performance measures / metrics that can be used to determine project success and performance measures / metrics under the control of OMAO that will contribute to project success, and how they will be collected, use Continuation Page if necessary)

8. IMPACT to NOAA LONG-TERM GOALS (describe the impact to NOAA and the nation if this project is not funded, use Continuation Page if necessary)

9. REQUESTED PROJECT START DATE	END DATE	10. TOTAL NUMBER OF PROJECT DAYS
11. REQUESTED FLIGHT HOURS	12. REQUESTED AIRCRAFT TYPE	

13. PLANNED FLIGHT HOURS PER MONTH (for monthly reporting)

OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP

14. PROJECT AREA (staging location and area of operations)

15. FLIGHT PROFILES (altitude, speed, duration, time of day, required weather conditions, estimate of science crew complement, etc.)

16. Are aircraft modifications, special instrumentation, or other unique installations required? YES ☐ NO ☐ (If yes, see Instructions)

17. Have all project participants complied with the NOAA Aviation Safety Policy (NAO 209-124)? YES ☐ NO ☐ (If no, see Instructions)

18. Are dropsondes required for the project? YES ☐ NO ☐ (If yes, how many?)

Is program funding available to purchase required dropsondes? YES ☐ NO ☐ (If no, see Instructions)

19. Will any foreign nationals require access to NOAA aircraft or the Aircraft Operations Center? YES ☐ NO ☐ (If yes, see Instructions)

Has a department sponsor / NOAA (DSN) been assigned? YES ☐ NO ☐ (If no, see Instructions)

Have NAO 207-12 Appendix B and Line/Staff Office endorsement forms been submitted? YES ☐ NO ☐ (If no, see Instructions)

20. If a NOAA aircraft is not available or economical, will a charter aircraft support the project? YES ☐ NO ☐ (If no, see Instructions)

21. FUNDING SOURCE (check all that apply) ☐ NOAA Aircraft Services Funds ☐ NOAA Program Funds ☐ non-NOAA Funds ☐ Unknown

22. PRINCIPAL INVESTIGATOR (primary point of contact)			23. FUNDING SPONSOR (executive authorized to sign financial operating plan)		
NAME	LINE OFFICE		NAME	LINE OFFICE	
E-MAIL ADDRESS			E-MAIL ADDRESS		
WORK ADDRESS			WORK ADDRESS		
CITY	STATE	ZIP	CITY	STATE	ZIP
PHONE NUMBER	FAX NUMBER		PHONE NUMBER	FAX NUMBER	
SIGNATURE	DATE		SIGNATURE	DATE	

SUBMIT RESET

24. OMAO ASSIGNED CHARTER CLEARANCE NUMBER

SIGNATURE DATE

SUPERSEDES NOAA Form 56-48 (11-10)

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Continuation Page

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Instructions

Block 1. PROJECT NAME - List the project name and briefly describe the mission (e.g. Passenger transportation to a policy meeting).

Block 2. NOAA LONG-TERM GOAL - Check the appropriate block(s) 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 - Select the primary and secondary objective(s) within the Long-Term Goal(s) that are supported by the Project / Mission. See http://www.ppi.noaa.gov/ngsp/goals/ for NOAA's Long-Term Goals and Objectives.

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, collections of general purpose statistics, experimental production, and activities concerned primarily with the dissemination of scientific information and the training of scientific staff.

Block 5. NATIONAL SCIENCE FOUNDATION (NSF), RESEARCH & DEVELOPMENT (R&D) CATEGORY - Select the primary and secondary category from the following list, if applicable:

N/A if Block 4 field, 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 & Materials
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 - Describe the Project / Mission, use Continuation Page if necessary.

Block 7. PERFORMANCE METRICS - Describe performance measures / metrics that can be used to determine project success, and performance measures / metrics under the control of OMAO that will contribute to project success, and how they will be collected. (e.g. cover 100% of the central 50% of the survey area calculated by nautical miles of designated flight tracks flown within the survey area; aircraft and crew complete tasked mission in accordance with established requirements; aircraft and crew available 95% of days meeting defined survey criteria; AOC supplied instrumentation functional for 100% of required mission; user supplied instrumentation installed on time; or aircraft and crew available to begin project on time; etc.)

Block 8. IMPACT to NOAA LONG-TERM GOALS - Describe the impact to NOAA and the nation if this project is not funded. Use the Continuation Page if necessary.

Block 9. REQUESTED PROJECT START DATE, END DATE - Indicate the first and last day of project activities.

Block 10. TOTAL NUMBER OF PROJECT DAYS - Indicate total number of project days requested.

Block 11. REQUESTED NUMBER OF FLIGHT HOURS - Indicate the total number of flight hours requested.

Block 12. REQUESTED AIRCRAFT TYPE - Indicate the type of aircraft if a specific type is required; otherwise list characteristics such as high wing, multi-engine, etc.

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Block 13. PLANNED FLIGHT HOURS PER MONTH - Indicate the number of hours planned for the project by month.

Block 14. PROJECT AREA - Indicate the location of the project in general terms.

Block 15. FLIGHT PROFILES - Indicate the flight profiles that are required to successfully complete the project / mission.

Block 16. Are aircraft modifications, special instrumentation, or other unique installations required? - Answer YES or NO. If yes, explain on the Continuation Page and also define a fully mission capable aircraft, a partially mission capable aircraft, and a non-mission capable aircraft with respect to the project / mission, and modifications or instrumentation needed. Instrumentation specifications required include description of instrument, weight, power requirement, mounting location, and any additional special requirements. This provides AOC with information about whether the aircraft modifications are required, extent of effort required, and helps to provide accurate cost information.

Block 17. Have all project participants complied with the NOAA Aviation Safety Policy (NAO 209-124)? - Answer YES or NO. If no, explain on the Continuation Page. NAO 209-124 identifies the training requirements for NOAA personnel to conduct operational flights.

Block 18. Are dropsondes required for the project? - Answer YES or NO. If yes, indicate the number required. If no, skip to block 19.

Is program funding available to purchase required dropsondes? - Answer YES or NO. If no, explain on the Continuation Page.

Block 19. Will any foreign nationals require access to NOAA aircraft or the Aircraft Operations Center? - Answer YES or NO. If yes, explain on the Continuation Page. If no, skip to block 20. See (http://deemedexports.noaa.gov/) NOAA Deemed Export Technology Control Program for deemed export regulations and other access control procedures.

Has a department sponsor / NOAA (DSN) been assigned? - Answer YES or NO. If no, explain on the Continuation Page.

Have NAO 207-12 Appendix B and Line/Staff Office endorsement forms been submitted? - Answer YES or NO. If no, explain on the Continuation Page.

Block 20. If a NOAA aircraft is not available or economical, will a charter aircraft support the project? - Answer YES or NO. If no, explain on the Continuation Page. Indicate intent or acceptability of outsourcing this project if a NOAA aircraft will not be available to support the project due to schedule conflicts or cost.

Block 21. FUNDING SOURCE - Indicate the funding source by checking the appropriate block(s).

Block 22. PRINCIPAL INVESTIGATOR (primary point of contact) - Provide all of the requested information for the Principal Investigator. Sign and date the form.

Block 23. FUNDING SPONSOR (executive authorized to sign financial operating plan) - Provide all of the requested information for the Funding Sponsor. Sign and date the form.

Block 24. OMAO ASSIGNED CHARTER CLEARANCE NUMBER - The clearance number is required for Aircraft Charter as per NAO 216-104, section 7.03. Clearance must be obtained from OMAO prior to chartering aircraft for mission flights. OMAO will fill in this block and return a copy to the Principal Investigator, if a charter is required.

See http://www.corporateservices.noaa.gov/ames/administrative_orders/chapter_216/216-104.html for more information.