



NASA GSFC WFF
Range and Mission Management Office, [Code 840](#)
Standard Project Overview Report
840-SPOR-1

For assistance, please contact responsible NASA Officials: [JAY PITTMAN](#) AND [STEVE KREMER](#)

Mission Name or Identifier:

Mission Purpose Category: (check all that apply)

earth science

space science

vehicle/platform test

weapons performance test

technology demonstration

correlative measurement

STS operations

other

ground system test

tracking and analysis

instrumentation test

search and rescue

orbital track

orbital deployment

outreach

Brief Description of Objective:

Proposed Mission Deployment Platform:

artillery

fixed ground instrumentation

guided sounding rocket

manned airplane

unmanned airplane

watercraft

unguided sounding rocket

balloon

expendable orbital launch vehicle

undetermined

reusable orbital launch vehicle

other

Description of Proposed Mission Deployment:

Customer Organization:

Customer Name:

Mailing Address:

Day Phone:

Alternate Phone:

Fax:

Electronic Mail Address:

For multi-center NASA projects, identify the lead center and supporting centers.

Lead Center

Ames Research Center

Dryden Flight Research Center

John H. Glenn Research Center

Goddard Space Flight Center

Johnson Space Center

Kennedy Space Center

Langley Research Center

Marshall Space Flight Center

Stennis Space Center

Supporting Centers (check all that apply)

Ames Research Center

Dryden Flight Research Center

John H. Glenn Research Center

Goddard Space Flight Center

Johnson Space Center

Kennedy Space Center

Langley Research Center

Marshall Space Flight Center

Stennis Space Center

What kinds of organizational representation would be necessary for a project team?

(List mission critical roles/functions and potential home organizations whether NASA or non-NASA)

Desired Deployment Location

Wallops Island, VA	KSC, FL
Poker Flats, AK	Kodiak, AK
Andoya	Sweden
Palestine, TX	other
White Sands, NM	

For non-Wallops missions is deployment...

Instrumented Support site	Field Campaign
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How many individuals from customer organization are required to be at deployment/related sites?

What are the post flight data processing requirements that Wallops will need to meet?

What are the real-time or near real-time data distribution requirements that

Wallops will need to meet?

What facilities will be required?

What Range Support Elements will be required? (check all that apply)

telemetry	ship surveillance	integration facilities
communications	air surveillance	clean room
frequency monitoring	wind weighting	Space Network (TDRSS)
timing	command destruct	flight operations
meteorological	sky screens	fueling
weather balloon	still optical support	housing
tracking radar	video camera support	airport operations
surveillance radar	security support	air traffic control
NASCOM	recovery operations	overtime
launcher support	rescue	

test rockets fire
 department

firing console crane
 operations

range control bucket
center truck

How is this effort similar to activities previously performed at or managed by Wallops?

Proposed Timeframe of Mission

Start Date / / End Date: / /

Proposed Number of Activities

one continuous activity regular occurring events one discrete event
multiple related events other

Funding

NASA funded project reimbursable

Expected Total Cost of Effort

< \$5k	<\$20K	<\$50K
<\$100K	<\$250K	<\$500K
<\$1M	<\$5M	>\$5M

Describe the general process by which changes to requirements, objectives and other key issues will be controlled.

Formalized documents with signatures Informal (verbal, email, etc.) other

Describe Major Activities and Schedule

Describe any major procurements or acquisitions required to meet mission goals.

Describe any NASA or non-NASA activities, studies, or operations related to, affected by, or affecting the performance of the mission.

Describe any agreements necessary for mission success
(i.e. MOA, MOV, Space Act, others)

Anticipated Risk Areas (check all that apply)

budget	schedule	technical/engineering
safety	staffing	

Describe lessons learned or action items outstanding associated with similar past missions.

Describe any potential need for environmental impacts or assessments.

Describe aspects of deployment platform or deployment requirements that represent a new vehicle, propulsion, flight termination, other safety-critical challenge (i.e. modified but untested or unproven vehicle, recently failed vehicle).

Describe any technologies that will mature during the mission lifecycle and summarize any development plans.

Describe any commercialization opportunities that can reasonably be expected to arise out of this mission.

Describe any outreach components, or are there opportunities for outreach?

What meetings are likely to be required? (check all that apply)

standing or regular team meetings occasional team meetings
RMMO weekly project meetings other regular project meetings

What reports are likely to be required? (check all that apply)

RMMO monthly project status report other regular project report
customer defined status report (weekly, monthly, or quarterly)

What reviews are likely to be required? (check all that apply)

formulation review mission readiness review
operations concept review range readiness review
requirements review operations readiness review
preliminary design review failure or anomaly review
critical design review office level monthly status review (MSR)
implementation review code 800 Level MSR
integration readiness review Goddard Level MSR

What briefings are likely to be required? (check all that apply)

customer briefings foreign embassy briefings
technologists briefings outreach briefings
other external briefings

Chief, Range and Mission Management Office

Assigned Project Manager

_____ **Date:** _____

Target Project Plan Completion Date: _____