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**NATIONAL AERONAUTICS
AND
SPACE ADMINISTRATION**



**WATR Business Office
RCO Assets Menu Worksheet**

Project:

Program Manager:

RCO:

TIE:

Proposal Date:

Edition:

- Initial
- Change Number _____

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Amount of Support Required for FY:

Month:	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug
Est. # / Ground Missions:												
Est. # / Captive Flights:												
Est. # / Drop Flights:												
Average Mission Duration												

Note: Included in all ground missions: Orbits, CSTs, TM checks, Eng. Runs, Taxi Tests, etc.
Included in all Flights: FCFs, Captive-Carry Flights, Drop Flights, Research Flights, etc.

Enter estimated # of hours required by Range Control Officer (RCO) :

Enter estimated # of hours required by Test Information Engineer (TIE) :

Brief Narrative Describing Mission Objective:

Flight Test Location(s):

Mission Control Center (MCC) Requirements:

Enter # of MCCs required:

Is project MCC specific? (circle one) : Yes / No

If so, circle required MCC: MCC 1 / MCC 2 / MCC 3 / MCC 4

Is SAF required? (circle one) : Yes / No

Is Range Safety Officer required? (circle one) : Yes / No

Special (RSO) GRIM requirements:

Special (RSO) TECCS requirements:

Meteorological GRIM requirements (wind data):

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Data Processing Requirements (TRAPS)

Telemetry data processing (circle one) : **Yes / No**

Number of TM data streams:

Enter bit-rate(s):

Security Requirements:

Displays:

PDS (circle one) : **Yes / No**

PAGE (circle one) : **Yes / No**

IADS (circle one) : **Yes / No**

Strip-charts: (circle one) : **Yes / No**

Estimated # of hours of Software Technician support required (by FY):

Differential GPS Support (circle one) : **Yes / No**

Sample Rate:

Radar data processing (circle one) : **Yes / No**

Real-time ____

Post-Flight ____

Special requirements:

Tracking Requirements:

Telemetry Tracking (circle one) : **Yes / No**

Operating frequency (circle all applicable): **L-Band / S-Band**

Air-to-Ground Video (circle one) : **Yes / No**

of required Video Streams:

Operating frequency (circle all applicable): **L-Band / S-Band / C-Band**

TM Uplink (circle one): **Yes / No**

Operating frequency (circle one): **L-Band / S-Band**

Special requirements:

RADAR Support (circle one) : **Yes / No**

Tracking Method (circle one): **Beacon / Skin**

of RADARS required:

Special requirements:

MOF (mobile systems) Support (circle one) : **Yes / No**

If so, list requirements:

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Air-to-Ground Communications Requirements:

UHF Radio Support (circle one) : **Yes / No**

of radios required:

VHF Radio Support (circle one) : **Yes / No**

of radios required:

HF Radio Support (circle one) : **Yes / No**

of radios required:

Special requirements:

Communications Links to Other DFRC Facilities/NASA Centers:

(Note: communications links external to DFRC need to be requested through Goddard/NISN services)

Special ground audio requirements:

Flight Termination Support (circle one): **Yes / No**

Frequency (circle all applicable): **421 MHz / 425 MHz / 428 MHz**

(Note: The listed frequencies are the only licensed FTS frequencies for use on the Edwards Test Range. Frequency Management must be notified first (for approval) concerning the use of these frequencies.)

Special tone or modulation requirements:

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Video Requirements:

Long Range Optical (LRO) Tracking (circle one) : **Yes / No**

of cameras required:

Forward Looking Infra-Red (FLIR) (circle one) : **Yes / No**

Ramp cameras required (circle one): **Yes / No**

Video recording required (circle one): **Yes / No**

and video source:

Tape requirements (D2, Beta, SVHS, other):

Mobile video van required (circle one): **Yes / No**

of video vans required:

Is video to be microwaved to the MCC (circle one): **Yes / No**

Distribution to other DFRC facilities/NASA centers/Customer Facilities:

Special requirements:

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Off-site Location Requirements (list):