

**TEAM AMERICA ROCKETRY CHALLENGE 2005**  
**QUALIFYING/SELECTION FLIGHT DEMONSTRATION**

TEAM'S SCHOOL/ORGANIZATION: \_\_\_\_\_

AIA TEAM NUMBER: \_\_\_\_\_ ADULT ADVISOR: \_\_\_\_\_

DATE OF THIS FLIGHT: \_\_\_\_\_ LOCATION: \_\_\_\_\_

**MINIMUM FLIGHT REQUIREMENTS (ALL MUST BE MET)**

INITIAL IF "YES", OR PUT "NO"

Did this rocket weigh less than 1500 grams at takeoff, with eggs and motors? \_\_\_\_\_

If the rocket weighed more than 453 grams, was FAA notification done? \_\_\_\_\_

Did this rocket use only motors from the TARC list of NAR approved/certified motors? \_\_\_\_\_

How many Grade A large, raw hen's eggs did this rocket contain in its upper stage? \_\_\_\_\_ (number)

How many stages did the rocket have that operated (in sequence) during the flight? \_\_\_\_\_ (number)

Did this rocket make a safe flight and recovery under the TARC rules & NAR Safety Code? \_\_\_\_\_

Did the part of the rocket containing the eggs land without any human intervention (catching)? \_\_\_\_\_

Did all eggs carried by the rocket remain uncracked after the flight? \_\_\_\_\_

**SCORING**

TIMER # 1 (NAR OBSERVER): \_\_\_\_\_  
SEC HUNDREDTHS

DIFFERENCE FROM 60.0 SEC: \_\_\_\_\_  
(NO NEGATIVES)

TIMER # 2 (OTHER ADULT): \_\_\_\_\_  
SEC HUNDREDTHS

ADD 3.0 SEC IF ONLY 1 STAGE \_\_\_\_\_

AVERAGE TIME (ROUNDED): \_\_\_\_\_  
SEC TENTHS

ADD 3.0 SEC IF ONLY 1 EGG \_\_\_\_\_

**FINAL SCORE** \_\_\_\_\_  
Put only "DQ" if any answers above are "no"

**SUPERVISING TEACHER/ADULT CERTIFICATION**

I certify that the student members of this team designed, built, and flew this rocket without my assistance and, to the best of my knowledge, without the assistance of any other adult or any person not on the team. I also certify that no more than two official qualification flight attempts were made by this team, and that the team information on file at AIA is current. I understand that team membership can no longer be changed and only team members on file at AIA with valid parent consent forms are eligible to receive prizes.

SIGNATURE: \_\_\_\_\_ PRINT NAME: \_\_\_\_\_

**ADULT N.A.R. MEMBER OBSERVER CERTIFICATION**

I certify that I am a Senior NAR member who personally observed this flight, and the above initials and scores are mine, based on my observations. I certify that I am not related to any team members or affiliated with their school or non-profit organization, and that this flight was conducted in compliance with the rules of the Team America competition.

SIGNATURE: \_\_\_\_\_ PRINT NAME: \_\_\_\_\_

NAR NUMBER: \_\_\_\_\_ STREET ADDRESS: \_\_\_\_\_

CITY, STATE: \_\_\_\_\_ PHONE: \_\_\_\_\_ EMAIL: \_\_\_\_\_

**\*\*\*\*FAX TO 703-358-1131 NO LATER THAN APRIL 11, 2005\*\*\*\***

Team sends in form if flight successful, NAR Observer sends in form for unsuccessful flights.