

TEAM AMERICA ROCKETRY CHALLENGE 2014
QUALIFYING/SELECTION FLIGHT DEMONSTRATION

TEAM'S SCHOOL/ORGANIZATION: _____

AIA TEAM NUMBER: _____ ADULT ADVISOR: _____

DATE OF THIS FLIGHT: _____ QUALIFICATION ATTEMPT # (Circle) 1 2 3

MINIMUM FLIGHT REQUIREMENTS (ALL MUST BE MET) PUT "YES" OR "NO"

- Did this rocket weigh less than 650 grams at takeoff, with eggs and motors? _____
- Did it use motors from the TARC approved list containing a total of no more than 80 N-sec total impulse? _____
- Did the rocket contain two Grade A large, raw hen's eggs and a TARC-approved altimeter? _____
- Did this rocket make a safe flight and recovery under the TARC 2014 rules & NAR Safety Code? _____
- Did the part of the rocket containing the eggs land without any human intervention (catching)? _____
- Did the rocket remain connected during recovery and use two identical-size parachutes for recovery? _____
- Did both eggs carried by the rocket remain uncracked after the flight? _____

SCORING

TIMER # 1 (NAR OBSERVER):	_____ . _____	EXCESS ABOVE 50.00 SEC:	___ . ___	
	SEC HUNDREDTHS	MULTIPLY EXCESS BY 4:	___ . ___	
TIMER # 2 (OTHER ADULT):	_____ . _____	OR		
	SEC HUNDREDTHS	SHORTFALL BELOW 48.00 SEC:	___ . ___	+
AVERAGE TIME:	_____ . _____	MULTIPLY SHORTFALL BY 4:	___ . ___	+
	SEC HUNDREDTHS	DIFFERENCE FROM 825 FEET:	_____	+
ALTIMETER ALTITUDE:	_____ FEET		(NO NEGATIVES)	+
		FINAL SCORE (SUM)	_____ . _____	
		Put <u>only</u> "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 the allowed number of 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 703-358-1133 OR E-MAIL SCANNED COPY TO anne.ward@aia-aerospace.org
NO LATER THAN MIDNIGHT (EST) MARCH 31, 2014****

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