AMERICAN ROCKETRY CHALLENGE 2024 QUALIFYING/SELECTION FLIGHT DEMONSTRATION

TEAM'S SCHOOL/ORGANIZA	ΓΙΟΝ:					
AIA TEAM NUMBER:		ADULT ADVISOR:				
DATE OF THIS FLIGHT:		QUALIFICAT	ION ATTEMPT # (Circle)	1	2	3
MINIMUM FLIGHT REQUIRE	MENTS (ALL MUST BE C	IRCLED "YES"	OR THE FLIGHT IS DQ)			
Did this rocket weigh less than 650	gm at takeoff, with egg and n	notors, was it 650	mm or more long,			
and did it use two body tubes within	the required diameter constr	aints, each at leas	t 6 inches long?		YI	ES / NO
Did all parts of the rocket remain co	onnected together throughout	the entire flight?			Y	ES / NO
Did it use motors from the ARC app	proved list containing a total of	of no more than 8	0 N-sec total impulse?		Y	ES / NO
Did it contain one Grade A large, raw hen's egg and a ARC-approved altimeter?					Y	ES / NO
Did this rocket make a safe flight and recovery under the ARC 2024 rules & NAR Safety Code?					Y	ES / NO
Did the rocket land without any human intervention?				YES / NO		
Did the egg carried by the rocket remain uncracked after the flight?					Y	ES / NO
SCOR	RING	EXCE	SS ABOVE 46.00 SEC:			
TIMER # 1 (NAR OBSERVE	SEC HUNDREDTHS		TIPLY EXCESS BY 4: TFALL BELOW 43.00 SEC:			+
TIMER # 2 (OTHER ADULT	SEC HUNDREDTHS	/ -	TIPLY SHORTFALL BY 4: _			'
AVERAGE TIME:	SEC HUNDREDTHS		ERENCE FROM 820 FEET: (NO NEGA			+
ALTIMETER ALT	TITUDE:FEET HER/ADULT CERTIFICAT	ΓΙΟΝ	FINAL SCORE (SUM) Put <u>only</u> "DQ" if any answe		are "no"	_+
assistance of any other adult or were made by this team, and the	any person not on the team. I also co	ertify that no more that A is current. I underst	at my assistance and, to the best of my in the allowed number of official quali and that team membership can no long s.	fication fligh	nt attempts	
SIGNATURE:		PRIN	T NAME:			_
I certify that I am a Senior NAI that I am not related to any team	n members or to the team's adult sup	this flight, and the aborervisor nor affiliated	ove initials and scores are mine, based with their school or non-profit organiz leclared to me to be an official qualific	ation, that th	nis flight was	•
SIGNATURE:	PRI	NT NAME:	PHO	ONE:		
NAR NUMBER:	CITY, STATE: _		EMAIL:			

SUBMIT USING ONLINE PORTAL AT <u>ROCKETCONTEST.ORG</u> (Successful flights only) OR E-MAIL SCANNED COPY TO <u>QualificationFlights@aia-aerospace.org</u>
NO LATER THAN MIDNIGHT (EST) APRIL 8, 2024***
Team sends in form if flight is successful, NAR observer sends in form for DQ flights.