



CONTENTS OF HAYWARD AIR RALLY ENTRY KIT

1. **Pilot's letter:** Highlights changes in the event format this year
2. **Event Information:** schedule, lodging information, fees, event description, rally numbers, and what to expect at the rally.
3. **Registration Form:** Be sure to fill out every space, use "N/A" if appropriate
4. **Waiver of Liability:** Signatures of all aircraft occupants are required. It is not needed with the application but must be complete by check-in.

NEED MORE INFORMATION?

Visit the web site: www.hwdairrally.org
E-mail questions to: info@hwdairrally.org

Please mail your complete registration forms and fees to:

Hayward Air Rally Committee
1414 Marinovich Way
Los Altos, CA 94024

or email a scanned image (multipage PDF) of the completed form to: entry@hwdairrally.org

and use our online PayPal payment page to pay the entry fees



The 2023 Hayward Air Rally

Dear Pilots:

The 59th Annual Hayward Air Rally will be held on May 19th and 20th, 2023.

For 2023 the Rally Committee is making some substantial changes to the rally format in an effort to lower the time and cost commitment to take part in the event.

The Hayward Air Rally has traditionally been a two-leg, 3-day weekend event to destinations such as Las Vegas, Bend, or Reno. This year, we will fly only one leg around the Central Valley, returning to Livermore for lunch and awards. The event will take place entirely on Saturday May 20, with the exception of a mandatory Friday afternoon course briefing, which will be held in-person and simulcast on Zoom. We hope this abbreviated format will allow greater participation from area pilots, while still preserving the traditional spirit of the rally.

In another small step towards simplifying rally preparation, we are requiring the use of rally numbers on aircraft to the tail only (not under the wing). Low wing pilots in particular will appreciate the reduced workload! Guidance on applying rally numbers is provided later in this packet.

As a result of the (effectively) single-day rally format, and a decision to suspend our EAA Air Academy Scholarship program for the time being, we are able to substantially reduce the entry fee this year. The \$100 entry fee is in fact the lowest it has been this century!

For those who have been curious about the rally but don't want their performance under a microscope, we're offering a non-competing entry option this year. At a reduced entry cost, you won't be eligible for awards, but can still fly the course and get your raw time and fuel data. Consider it practice for next year's competition.

Finally, a generous sponsor continues to offer the "Craneman Scholarship" which covers the entry fee for new CFI/student teams.

Look for details on these items in the Fee section of this packet.

To enter this year's rally, please fill out and return the 3-page rally registration form at the end of this entry packet. In addition, all participants (passengers included) must execute the personal liability waiver. Up to six participants may execute the waiver on one form, or separate signed forms may be submitted if desired.

We look forward to seeing you at the starting line May 20th!

Blue skies,
The Hayward Air Rally Committee

The Hayward Air Rally is operated by the Hayward Air Rally, Inc., a not-for-profit California public benefit corporation recognized under IRS 501(c)(3). Our federal tax-exempt identification number is 87-0789500. Donations of cash, products, and services in kind may be deductible as a charitable contribution - please consult your tax advisor.



Event Schedule

The tentative event schedule is as follows (times may be subject to change):

Friday, May 19, 2023:	1200-1600 1600	Arrivals, inspection and checkin at HWD. Mandatory Course and Safety Briefing in the HWD Administration Building and via Zoom. 1st timers are strongly encouraged to arrive on Friday and attend the briefing in person.
Saturday, May 20, 2023:	0730-0930 1000 1300-1700 1700 1800-????	Arrivals, inspection and checkin at HWD. Begin Departures BBQ lunch and social at Five Rivers Aviation, LVK Awards presentation Hospitality reception at Hampton Inn, Livermore

Hotel Information

Lodging is not included in the rally entry. You must make your own hotel reservations in Hayward and Livermore if you plan to stay overnight.

Hayward, CA (Friday night): We suggest either: [La Quinta](#) (510) 732-6300 or [Home2Suites](#) (510) 783-0825. Both are within reasonable walking distance to the rally parking area at Hayward Airport, and we will also provide transportation Friday evening and Saturday morning upon request.

Livermore, CA (Saturday night): We will host an informal hospitality reception at the Livermore Hampton Inn (925) 606-6400 following the awards presentation. We have negotiated a discounted \$139/nt rate with 2-day cancellation. If staying overnight in Livermore after the rally, please make your reservations online at www.staylivermore.com and use Group Code HWD.

Entry Fees

New for 2023: Non-competitive Option. If you'd like to give the Rally a try but feel the competition is too intimidating, we are offering a non-competitive entry option at a lower cost. You won't be eligible for awards, but you can fly the rally course, get your timing and fuel data, and join us at the BBQ. Have fun and practice to compete next year!

Pilot and Co-pilot	\$100	(two people as a team)
Noncompeting team	\$50	(two people as a team, not eligible for awards)
Extra passengers	\$25	
T-shirt	\$20 each	(optional)
Polo Shirt	\$40 each	(optional)

Fees **do not** include lodging or other personal expenses. Payments may be made online using the secure PayPal system on our payments page at <http://www.hwdairrally.org/entry/payment.html> or you may send a check with the completed entry forms via mail. **Regardless of payment method, the registration forms must be returned to the committee (either paper, or scan and email).**

Craneman Scholarship. One of our long-time Rally participants has generously funded a scholarship to cover the entry fees for a number of first time CFI/student teams. This is available for non-competing teams as well, so consider using the rally as a navigation training experience! Craneman Scholarships are awarded at the sole discretion of the Rally Committee. More information can be found on our website.



Event Description

The Hayward Air Rally is designed to exercise your flight planning, navigation, and fuel management skills. In 2023, the rally will consist of one flight leg over a roughly 250nm course, departing from Hayward and returning to Livermore. The course, which will be revealed the day before the rally, consists of multiple designated checkpoints to be identified from the air, concluding with a fly-over timing line. Your task is to plan your flight and submit an estimate of your flight time (to the designated airborne timing line) and fuel consumption (startup to shutdown), then fly the course on Rally Day. You will be scored based on how accurate your pre-flight estimates are against your actual performance.

For each scoring category (navigation/time and fuel), there are two scoring classes to choose from at check-in:

- **Traditional (Analog) Class** - No digital cockpit devices (installed or portable) of any kind are allowed to be used in this class. For Traditional Navigation, VOR and ADF is allowed, GPS and DME are not. Electronic flight bags with moving map displays are not allowed in Traditional class. For Traditional Fuel, digital fuel flow meters and fuel totalizers are not allowed.
- **Digital Class** – No limitations on cockpit equipment, whether installed or portable.

Note that some GPS or digital fuel flow equipped aircraft may compete in Traditional Class if it is feasible to cover the prohibited cockpit displays – for example index cards trimmed to fit over GTN650 or JPI displays and secured with tape.

Participants in the Traditional and Digital classes will compete for the same prizes based on a handicap system.

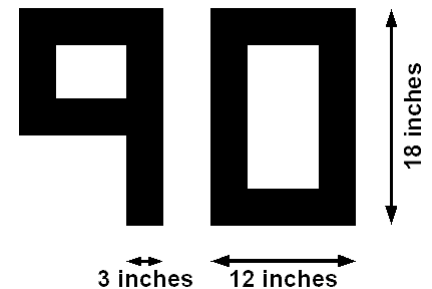
Refer to our website at www.hwdairrally.org for more details and complete scoring rules.

Rally (“Race”) Numbers

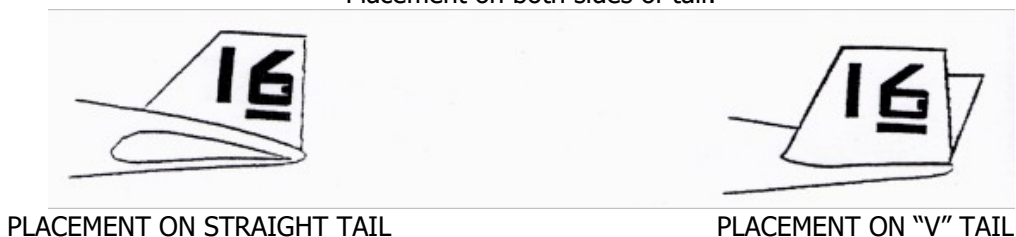
Rally numbers are one or two digits and used in certain radio communications to identify you as a rally participant. To easily identify rally aircraft on the ramp and at timing lines, we require temporary rally numbers be applied to both sides of the tail. In 2023, we are not requiring numbers on the bottom of the wings. **NUMBERS MUST CONTRAST WITH THE AIRCRAFT COLOR AND BE EASILY READ.** Installing numbers prior to arrival will help expedite check-in.

Recommended dimensions for rally numbers are 18 inches high and 12 inches wide, using 3 inch or wider strokes, as shown. Some aircraft designs won't allow for numbers of that size, so use your best judgement. Basic block numbers are sufficient; nothing fancy needed.

Painters tape is generally adequate – layer strokes from aft forward, and make sure the leading edges are smooth and flush with the aircraft surface to prevent airflow from peeling the tape off in flight. Scotch Brand Colored Plastic Tape works well but is hard to find. If you can get it from a local paint shop, low-tack adhesive vinyl paintmask can be cut into strips to make numbers, and is usually cheaper than the custom vinyl numbers some racers have been known to use.



Placement on both sides of tail:





What to expect

Arrival, inspection and check-in

Aircraft inspection and check-in will be available Friday May 19 from 1200 to 1600 PDT, and again Saturday morning from 0730 to 0930 PDT (times subject to change).

Arrivals on Friday are encouraged to reduce ramp congestion and inspection workload on Saturday morning. In particular, first time participants are encouraged to arrive Friday and attend the Course and Safety Briefing in person. Plan to allow at least 30 minutes for fueling, inspection and check-in.

To identify yourself as a rally participant, when calling Hayward Tower, use your assigned Race Number as your callsign (e.g. "Hayward Tower, Race 8 inbound with information Sierra"). You will be directed to the rally parking area upon landing.

After arrival, fuel your aircraft to your rally configuration. Generally this means each tank should be either full, "to the tabs" or empty. Let a rally official know if you require something different. You must refuel to this configuration at the end of the rally. If flying in Traditional Class, ensure prohibited instruments are covered. A rally official will note your fuel configuration and instrument status, and check your pilot certificate, medical certificate, and (if applicable) a flight review logbook entry to confirm currency to act as pilot in command. You will receive a hard copy of the Rally Course Handbook (aka Rally POH) and scoring form during check-in. For those arriving Saturday, the Rally POH will be posted online Friday prior to the briefing.

Course and Safety Briefing

There is a Rally crew briefing at 1600 PDT Friday May 19. Attendance at this briefing is mandatory. We suggest "first timers" arrive early to begin reviewing the course materials. The briefing will be conducted in person and will also be available via Zoom. All Rally procedures are described in the course handbook in detail and will be reviewed at the briefing. Committee members and veteran participants will be around to answer your questions prior to the briefing, and any remaining questions that you might have can be answered during the briefing itself.

Note that previous years' Course Handbooks are available online to get a sense of what rally procedures are like.

Rally Day

Starting around 0900 PDT, crew photos will be taken next to your aircraft. Submit your time and fuel estimates to a rally official. Aircraft will depart Hayward in a pre-arranged sequence. The Official Starter will signal you when to start your engine and direct you to taxi to the runup area. Weather permitting, first aircraft departure is planned for 1000 PDT.

BBQ and Awards

After completing the rally course and arriving at Livermore, you will refuel to your starting rally configuration in the presence of a fueling official. Turn in your completed scoresheet with checkpoint answers, and enjoy a BBQ lunch and socialize with other rally crews while the Official Scorer madly tabulates the results.

Awards will be presented following the BBQ lunch social at Five Rivers Aviation at Livermore Airport.

Hospitality Reception

For obvious safety reasons, no adult beverages will be served on the field at LVK, but they will be available at our evening hospitality reception at the Livermore Hampton Inn. Join the rally staff for an evening of hangar flying and to share tales of rally experiences and other aviation adventures. A discounted rate has been negotiated if you wish to stay overnight.

Updates to these general procedures will be communicated via email closer to the date of the event.

HAVE A SAFE AND FUN FLIGHT!



Entry Registration Form

Crew and Passenger Information

Pilot		Co-Pilot
	Name	
	Address	
	City, State ZIP	
	Home Phone	
	Mobile Phone	
	Email Address	
Sport <input type="checkbox"/> Rec. <input type="checkbox"/> Private <input type="checkbox"/> Comm. <input type="checkbox"/> ATP <input type="checkbox"/> Instrument <input type="checkbox"/> Multi-Engine <input type="checkbox"/> CFI <input type="checkbox"/> NONE <input type="checkbox"/>	License and Ratings	Sport <input type="checkbox"/> Rec. <input type="checkbox"/> Private <input type="checkbox"/> Comm. <input type="checkbox"/> ATP <input type="checkbox"/> Instrument <input type="checkbox"/> Multi-Engine <input type="checkbox"/> CFI <input type="checkbox"/> NONE <input type="checkbox"/>

Total Souls On Board: _____ Passenger Names: _____

Aircraft Information

N-Number		Requested Rally Number * 1st Choice	
Make		2nd Choice	
Model		POH Cruise Fuel Rate (GPH)	
Flight Plan Aircraft Designator and ICAO Equipment and Surveillance Codes (eg. C77R, SG/EB2)		ADS-B Info: <input type="checkbox"/> Mode S - 1090 or <input type="checkbox"/> UAT-978	Hex Code: (available from FAA Aircraft Registration Database)
Aircraft Color(s)		Fuel on Board (as fueled for Rally) - TIME, <i>not gallons</i> (for flight plan)	
Home Base Airport Code		Planned Airspeed in Rally - knots TAS (Used for launch sequencing and group flight plan times.)	

*Note: Some Rally numbers are reserved for prior years' entrants. If none of your choices is available, you will be notified.

Please notify the Hayward Air Rally Committee of any changes in aircraft, participant names, contact data, or any other information on your entry.

Rally Entry Category Information

Please check the appropriate box(es) to indicate if you are:

99s Member <input type="checkbox"/>	Aircraft Owner <input type="checkbox"/>	Aircraft Renter <input type="checkbox"/>	1st Time Rally Entrant <input type="checkbox"/>
AOPA Member <input type="checkbox"/> # _____	EAA Member <input type="checkbox"/> # _____	Rented from (FBO): _____	Referred by / how you heard about us: _____

Insurance Coverage

In consideration of being an entrant in said Hayward Air Rally and of benefits provided by such participation, the undersigned hereby certifies that s/he has comprehensive liability insurance (from the source indicated below) with the limits of \$100,000/\$300,000 or greater, effective during the event, on the aircraft that s/he uses, possesses, owns or controls in said Hayward Air Rally, which liability insurance covers liability to third parties for injuries to persons and damage to property.

Own Policy <input type="checkbox"/>	Rental Agreement <input type="checkbox"/>	Club Insurance <input type="checkbox"/>
Other (explain): _____		

What's Included

Your entry fees include the following:

- Participation in the prize fund and award trophies
- BBQ lunch and hospitality lounge drinks and snacks.
- More fun than we can describe in writing!

Please complete all information before mailing this form.

Hotel Information

Each entrant is responsible for their own hotel reservations. Lodging is not included in the rally entry. You must make your own hotel reservations in Hayward and Livermore if you plan to stay overnight.

Hayward, CA (Friday night): We suggest either: La Quinta (510) 732-6300 or Home2Suites (510) 783-0825. Both are within reasonable walking distance to the rally parking area at Hayward Airport, and we will also provide transportation Friday evening and Saturday morning upon request.

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Entry Fees

Description	Fee/Item	Total
Standard Pilot/Co-Pilot Team	\$100	\$
Non-competitive Team (not eligible for awards/prizes)	\$50	\$
Extra passengers (beyond pilot/co-pilot)	\$25 each	\$
T-Shirts, complete size chart below, total count x \$20 each	\$20 each	\$
Polo Shirts, complete size chart below, total count x \$40 each	\$40 each	\$
	Total Due	\$
<input type="checkbox"/> Check here to be considered for the Craneman Scholarship, open to first time CFI/student teams. Note your flight school affiliation, if any: _____	Amount Enclosed	\$
	Balance Due	\$

T-Shirt Sizes		Polo Shirt Sizes		Custom Embroidery Request (Polo only)
Small count		Small count		
Medium count		Medium count		
Large count		Large count		
XL count		XL count		
XXL count		XXL count		

The Hayward Air Rally accepts payment by check or by PayPal account or credit card via PayPal through our website payment form at <http://www.hwdairrally.org/entry/payment.html>

Note: if you make your payment online using PayPal, you **MUST still send this completed form** to the address below. Your entry will not be processed until *both* the completed entry form and payment have been received.

Pilot Declaration and Signature

I hereby certify that I will abide by all the rules and regulations of the Hayward Air Rally and that I, as pilot, and the aircraft I will fly in the Rally, is in full compliance with all such rules and regulations and with all FAA regulations at the time of the Rally. I possess a valid pilot's license and my medical certificate is current. I further state that I am current with respect to the aircraft I am flying, including a current Flight Review.

Your Pilot's License, Medical Certificate and Flight Review must be presented at impound/registration to validate currency.

Pilot's Signature: _____ Date: _____

Mail your completed form and payment to:

The Hayward Air Rally
1414 Marinovich Way
Los Altos, CA 94024

or, email a scanned version of the completed and signed form to: entry@hwdairrally.org
 You will receive confirmation of your completed entry by email sent to the Pilot's email address.



WAIVER OF LIABILITY (HOLD HARMLESS AGREEMENT)

WHEREAS, I the undersigned, am about to take a flight and participate in the 2023 Hayward Air Rally starting on or about May 20, 2023 and am doing so of my own initiative, free will and responsibility.

NOW THEREFORE, I DO DECLARE:

In consideration of the sponsorship by the City of Hayward, Hayward Executive Airport, Livermore Municipal Airport, The Hayward Air Rally, Inc., the Hayward Air Rally Committee, various civic clubs, and other persons and jurisdictions connected with intermediate stops and checkpoints during the rally, and in consideration of any sponsor’s arrangements which may be made with the Federal Aviation Administration and/or Leidos Flight Services at any of the originating or destination points and intermediate stops and check stations for flight plan filing and preferential routing or air traffic services, I do hereby release and forever discharge the above named persons, corporations, associations and organizations, and their officers, members, agents, and employees, acting officially or otherwise, from any and all claims, actions, or cause of action on account of my death or injury which may occur from any ground and flight operation in connection therewith, as well as any cause of said flight, flights, or continuances thereof, and do further agree to hold harmless, indemnify, and defend the above named persons, organizations, corporations and associations, and their officers, members, agents, and employees from and against all claims, demands, actions, and cause of action and liability from injury to person or persons or damage to property arising from or in any way connected with the flight or flights. An inherent risk of exposure to COVID-19 exists in any public place where people are present. COVID-19 is an extremely contagious disease that can lead to severe illness and death. By participating in the Hayward Air Rally, I voluntarily assume all risks related to potential exposure to COVID-19.

Pilot Name (Print)	Signature	Date
CoPilot Name (Print)	Signature	Date
Passenger 1 Name (Print)	Signature	Date
Passenger 2 Name (Print)	Signature	Date
Passenger 3 Name (Print)	Signature	Date
Passenger 4 Name (Print)	Signature	Date

If any passengers are minors, please provide name of minor passenger and provide the signature of adult parent/guardian.