

TIER 2

FULL-SIZE



YOU FLY

Pavo 20 Pro · larger drones at Brophy

TO GET HERE

Pass the Pavo 20 Pro Flight checkpoint (top of this sheet) · its five prerequisites first

ON THIS SHEET

Your checkpoint · then 6 prerequisites for Tier 3

1 QUIZ · 1 BENCH · 4 WITNESSED

TIER 2 CHECKPOINT · WITNESSED

Pavo 20 Pro Flight

Checkpoint into Tier 2: fly the Pavo 20 Pro.

REQUIREMENTS

Take-off with a spotter · A figure-eight · An orbit · Through a gate · A clean landing on the pad – no contact In person with a mentor, everything in one flight, one attempt per day.

PREREQUISITES · 5 BADGES

- ☐ Soldering
- ☐ Radio Protocol
- ☐ Freestyle Flight
- ☐ Electrical Components
- ☐ Field Diagnostics



All ticked? That is the big check: attempt the checkpoint with a mentor watching.

TO TIER 3 · PT. 1

Spotter

Short course and quiz: the spotter's job and the four calls.

2 LESSONS, THEN THE QUIZ

1. The spotter's job
2. What to call

10 questions · 80 % passes · no sign-off needed · retake any time

WHY FPV pilots can't see around themselves; at an event a spotter stands beside every pilot.

QUIZ

1

TO TIER 3 · PT. 2

FAA TRUST

Take the free TRUST test and send a photo of the certificate.

AT THE BENCH · 2 STEPS

Take the free TRUST test · Save the certificate; keep a copy on your phone

Then a photo, submitted on the website · a mentor passes or fails it

WHY Federal requirement for recreational flyers.

BENCH

2

TO TIER 3 · PT. 3

Event Ops

Course and quiz, then run a real flight-zone setup.

REQUIREMENTS

1. Airspace: what the mentor checks
2. The zone, the brief and the calls
3. When it goes wrong – failsafe, flyaway, fire, the report
4. Event Ops quiz (80 %)
5. A real setup for a mentor – zone marked and briefed, failsafe tested

Lessons and videos for each: scan for the Pilot Path

WHY Flying at a game or rally, and a plan for when it goes wrong.

WITNESSED

3

TO TIER 3 · PT. 4 · FILMING

Cinematography

Plan and shoot one usable clip at a real event.

REQUIREMENTS

1. A shot list agreed with the coach or moderator
2. A follow shot
3. An orbit
4. A reveal
5. A clip the editor accepts

Lessons and videos for each: scan for the Pilot Path

WHY Shooters for Best of Brophy.

WITNESSED

4

TO TIER 3 · PT. 5 · RACING

Indoor Proximity

The hallway course without touching a wall.

REQUIREMENTS

1. The club hallway course on one battery
2. Zero wall contact

In person with a mentor, everything in one flight, one attempt per day.

Lessons and videos for each: scan for the Pilot Path

WHY Precision in tight spaces, for the rally race.

WITNESSED

5

TO TIER 3 · PT. 6 · RACING

Racing

3 clean laps of the club course under the posted time.

REQUIREMENTS

1. Clean race lines
2. Three clean laps in a row
3. Under the posted time, timed by the mentor

In person with a mentor, everything in one flight, one attempt per day.

Lessons and videos for each: scan for the Pilot Path

WHY Qualifies you for the rally race.

WITNESSED

6

NEXT

Tier 3 checkpoint

EVENT PILOT · SHEET 4 →

FLIGHT BUILD & TECH KNOWLEDGE & SAFETY CREW & LEADERSHIP

Quiz badges: pass at 80 %, no sign-off · Bench and witnessed badges: a mentor who holds the badge signs it off · demonstration, not attendance



FULL BADGE LIST
SCAN