Drones and the Next Era of Aviation
Aviation & Information Technologies
June 11, 1912
Silas Christofferson
REGULATIONS
For Operation of
AIRCRAFT

--- Commencing January 1920 ---

1. Don't take the machine into the air unless you are satisfied it will fly.
2. Never leave the ground with the motor leaking.
3. Don't turn sharply when taxiing. Instead of turning sharp, have someone lift the tail around.
4. In taking off, look at the ground and the air.
5. Never get out of the machine with the motor running until the pilot relieving you can reach the motor controls.
6. Pilots should carry hankies in a handy place to wipe off goggles.
7. Riding on the steps, wings, or rail of the machine is prohibited.
8. In case the engine fails on takeoff, land straight ahead regardless of obstacles.
9. No machine must taxi faster than a man can walk.
10. Never run motor so that blast will blow on other machines.
11. Learn to gauge altitude, especially on landing.
12. If you see another machine near you, get out of the way.
13. No two cadets should ever ride together in the same machine.
14. Do not trust altitude instruments.
15. Before you begin a landing glide, see that no machines are under you.
16. Hedge-hopping will not be tolerated.
17. No spins on back or tail sides will be indulged in as they unnecessarily strain the machines.
18. If flying against the wind and you wish to fly with the wind, don't make a sharp turn near the ground. You may crash.
19. Motors have been known to stop during a long glide. If pilot wishes to use motor for landing, he should open the throttle.
20. Don't attempt to force the machine onto the ground with more than flying speed. The result is bounding and ricocheting.
21. Pilots will not wear spurs while flying.
22. Do not use aeronautical gasoline in cars or motorcycles.
23. You must not take off or land closer than 50 feet to the hanger.
24. Never take a machine into the air until you are familiar with its controls and instruments.
25. If an emergency occurs while flying, land as soon as possible.
12. If you see another machine near you, get out of the way.

REGULATIONS
For Operation of
AIRCRAFT
— Commencing January 1920 —

1. Don’t take the machine into the air unless you are

3. Don’t turn sharply when taxiing. Instead of turning
sharp, have someone lift the tail around.

4. In taking off, look at the ground and the air.

5. Never get out of the machine with the motor running
until the pilot relieving you can reach the motor controls.

6. Pilots should carry hankies in a handy place to wipe off
goggles.

7. Riding on the steps, wings, or rail of the machine is
prohibited.

8. In case the engine fails on takeoff, land straight ahead
regardless of obstacles.

9. No machine must taxi faster than a man can walk.

10. Never run motor so that blast will blow on other
machines.

11. Learn to gauge altitude, especially on landing.

12. If you see another machine near you, get out of the way.

13. No two cadets should ever ride together in the same
machine.

14. Do not trust altitude instruments.

15. Hedge-hopping will not be tolerated.

17. No spins on back or tail sides will be indulged in as
they unnecessarily strain the machines.

18. If flying against the wind and you wish to fly with
the wind, don’t make a sharp turn near the ground.
You may crash.

19. Motors have been known to stop during a long glide.
If pilot wishes to use motor for landing, he should
open the throttle.

20. Don’t attempt to force the machine onto the ground
with more than flying speed. The result is bounding
and ricocheting.

21. Pilots will not wear spurs while flying.

22. Do not use aeronautical gasoline in cars or motorcycles.

23. You must not take off or land closer than 50 feet to
the hanger.

24. Never take a machine into the air until you are
familiar with its controls and instruments.

25. If an emergency occurs while flying, land as soon
as possible.
12. If you see another machine near you, get out of the way.

6. Pilots should carry hankies in a handy place to wipe off goggles.

21. Pilots will not wear spurs while flying.
12. If you see another machine near you, get out of the way.

6. Pilots should carry hankies in a handy place to wipe off goggles.

21. Pilots will not wear spurs while flying.

25. If an emergency occurs while flying, land as soon as possible.
“Unless enlarged, this will never do for a commercial airport. The Reno field is entirely too small for planes the type of which will be seen in the near future.

It must be enlarged to take care of the gigantic airlines which are bound to come.”

SEPTEMBER 1927
A standardized system of rules provides freedom of mobility
TCP/IP

Technical Standards allowed for growth
AVIATION GOES DIGITAL & INFORMATION TAKES FLIGHT

Onboard Memory / Processor
Gyrostabilized Sensors
Electronic Speed Controls
Accelerometers
LiPo Batteries
GPS

4G Connectivity
Autonomous Flight
Who?

Pilot
Stephanie Whitlow

Observer
Alan Ortega

Where?

FLIGHT AREA
SW Bond Construction Survey

What?

Drone
Enduro

How?

POINTS OF INTEREST
- Primary Takeoff / Landing
- Emergency Landing Zone
- Video Request2 - Pt. B
- Video Request1 - Pt. A
- Photo Request

HAZARDS
- Block Access
- Block Access

When?

*Start Time
August 18, 2015
11:41 AM
12. If you see another machine near you, get out of the way.