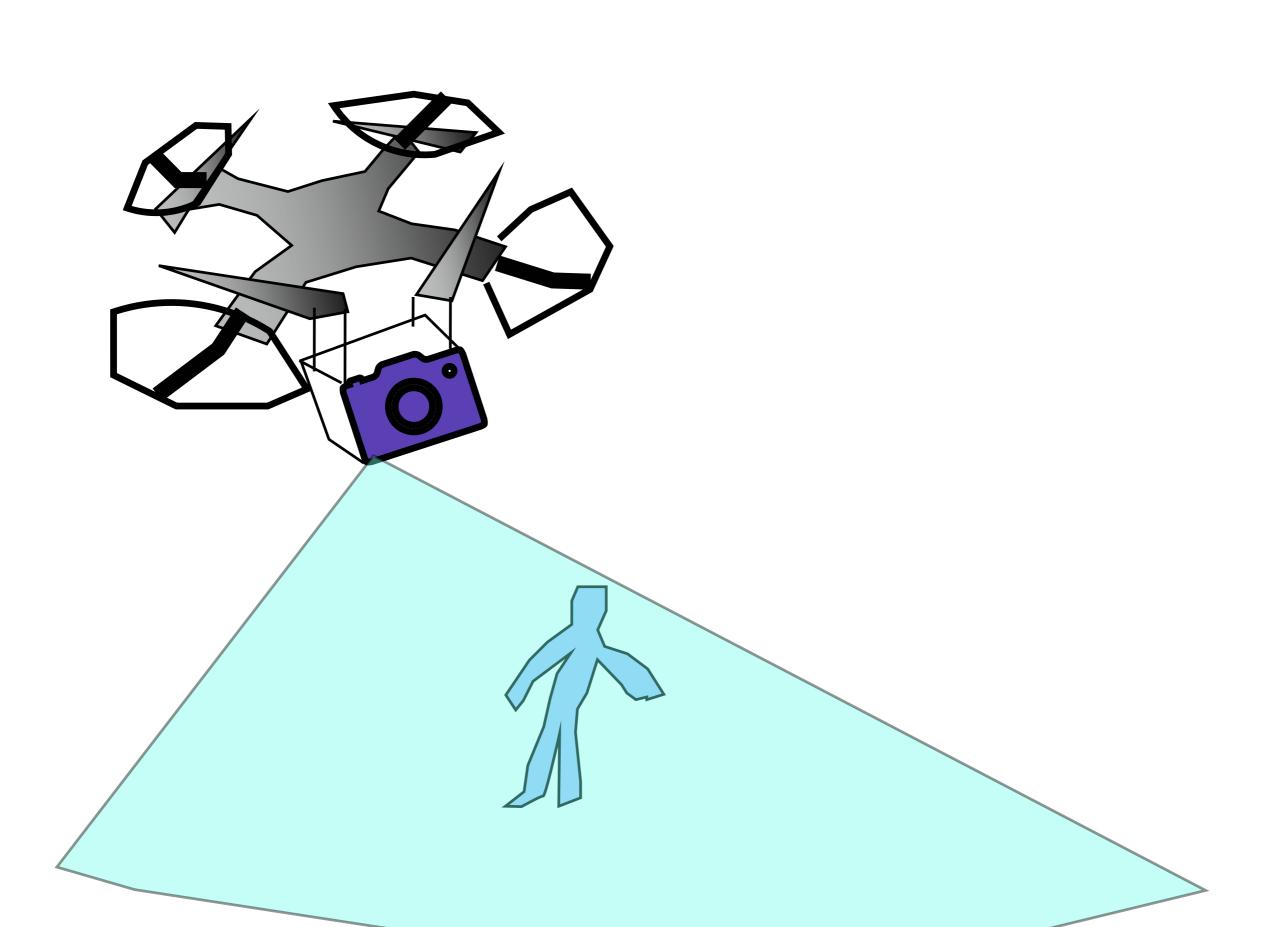
Drones, Cameras and the Constitution 4th and 1st Amendment Rights Exchange Drone Workshop

Nov. 14, 2019

Marc Jonathan Blitz Alan Joseph Bennett Professor Oklahoma City University School of Law



<u>FOURTH AMENDMENT</u>

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The right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated, and no Warrants shall issue, but upon probable cause, supported by Oath or affirmation, and particularly describing the place to be searched, and the persons or things to be seized.

FIRST AMENDMENT

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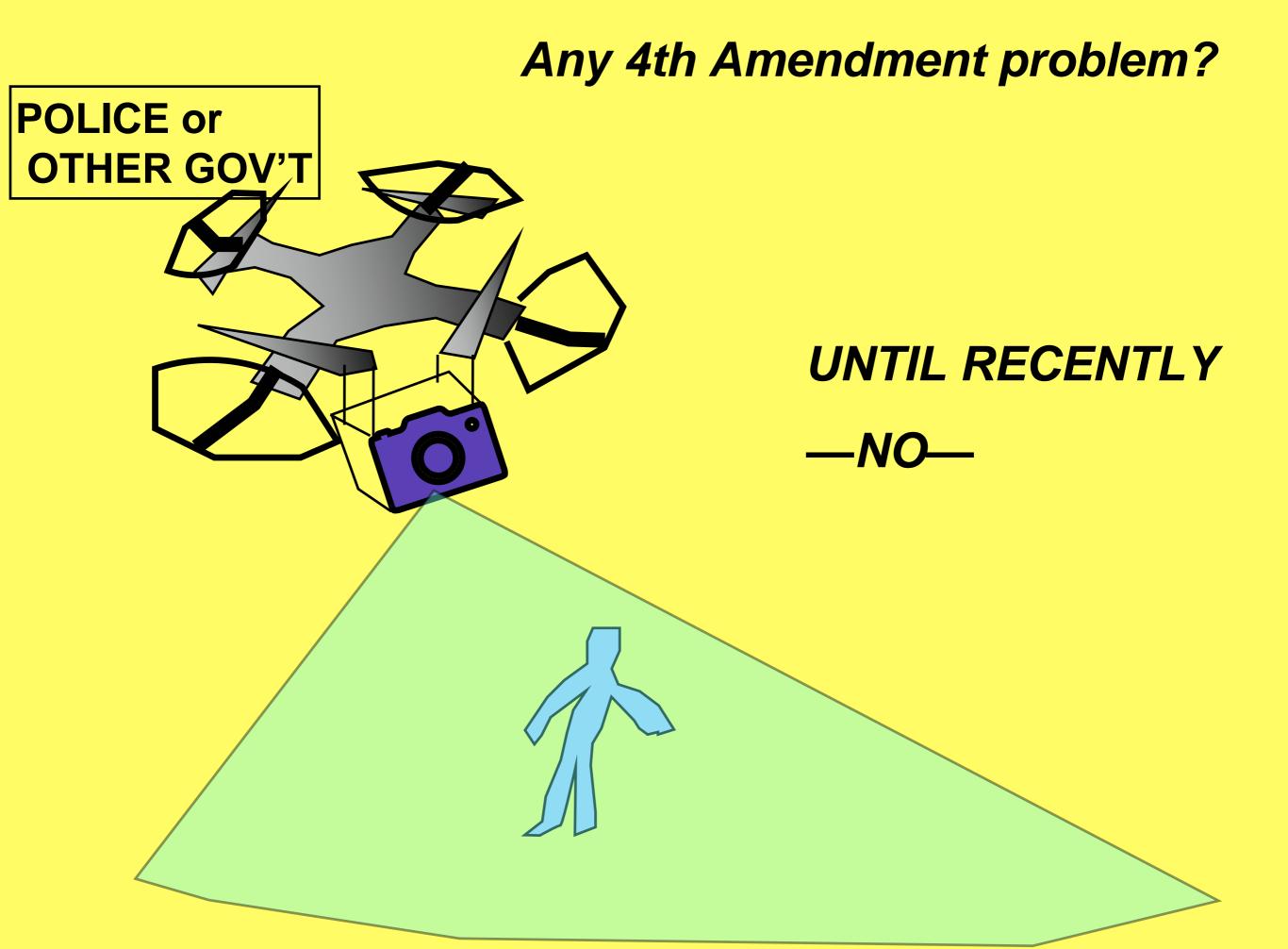
Congress shall make no law

abridging the freedom

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1. SEARCH or SEIZURE

COVERAGE Question-

Is what police or other gov't officials are doing "covered" by 4th Amendment requirements at all?

2. If so, must be REASONABLE

PROTECTION (or PROCEDURE) Question-

How much protection does 4th Amendment offer AGAINST police investigation at issue?

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GOV'T

WHAT ACTIONS DOES FORCE FIELD COVER?

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COVERAGE Question-

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WHAT ACTIONS DOES FORCE FIELD COVER?

> (1)When individuals have a REASONABLE EXPECTATION OF PRIVACY

(2) When gov't action would constitute a trespass

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(1)When individuals have a REASONABLE EXPECTATION OF PRIVACY

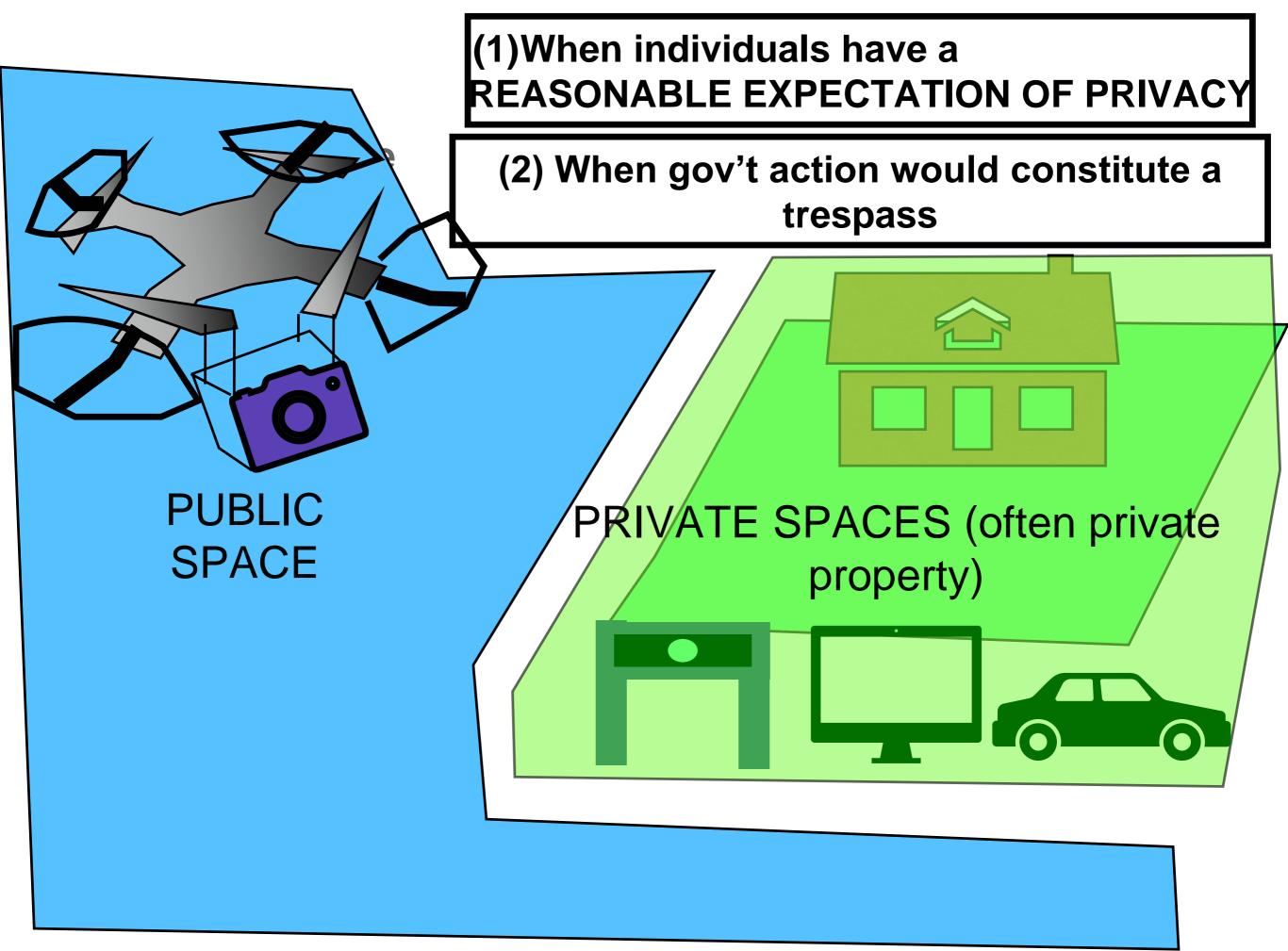
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(2) When gov't action would constitute a trespass

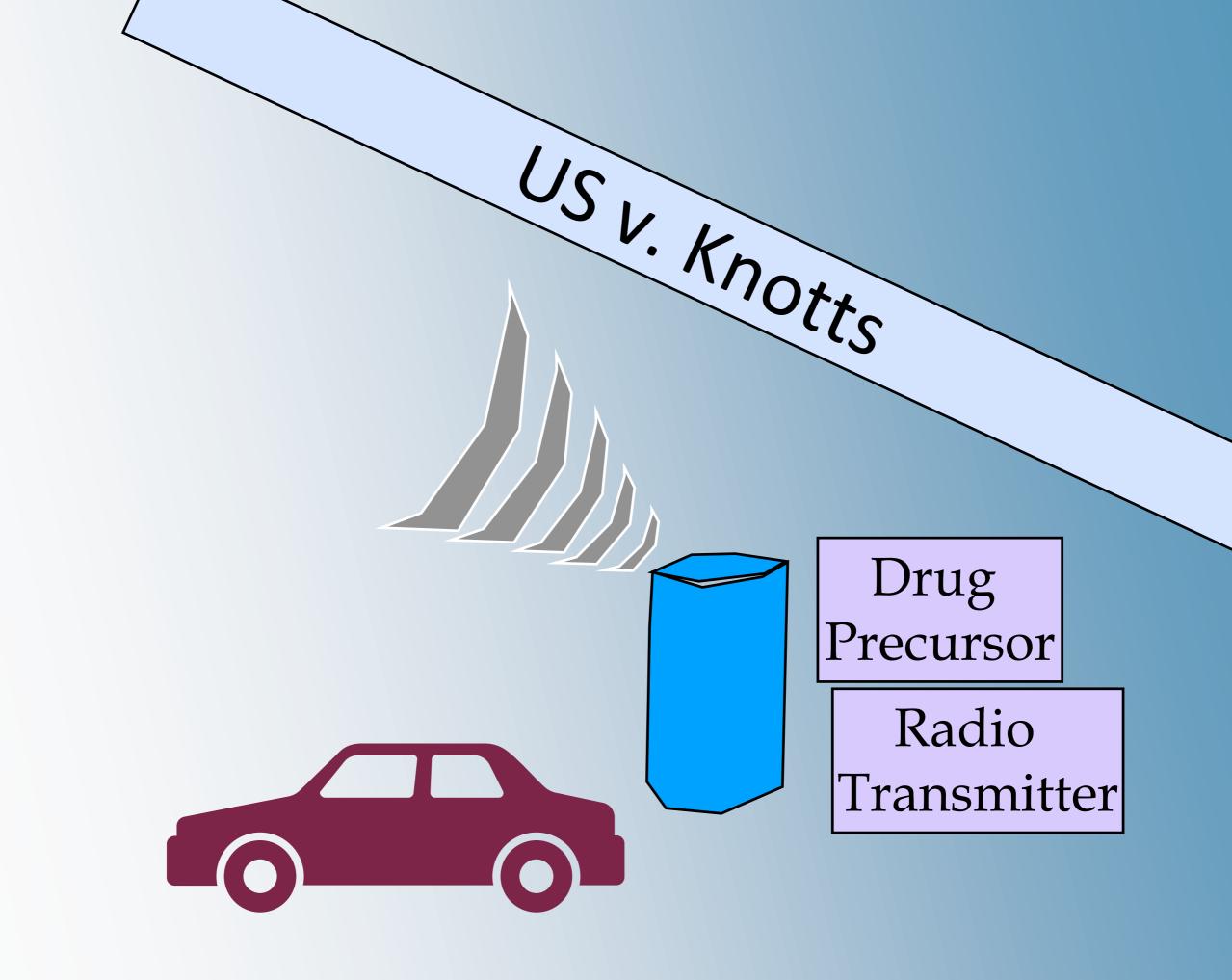
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The right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated.



NO REASONABLE EXPECTATION OF PRIVACY In PUBLIC SPACE where one is open to observation



Suspecting that Armstrong is involved in manufacturing illegal drugs, police recruit a store owner to hide a beeper (radio transmitter) inside drum of chloroform purchased by Armstrong. US v. Knotts

They then follow Armstrong to see where his trail leads.

They use a combination of

(1) visual surveillance (while driving behind Armstrong -- and Petschen, an associate, to whom he transfer the drum)

(2) radio transmissions from the beeper, primarily when they lose sight of the vehicle





"A PERSON TRAVELLING ON PUBLIC THOROUGHFARES HAS NO REASONABLE EXPECTATION OF PRIVACY IN HIS MOVEMENTS."

US v. Knotts

NO SEARCH TO

VISUALLY SURVEILL

KNOTT'S MOVEMENTS ON PUBLIC HIGHWAY "OPEN FIELDS"

US v. Knotts

NO SEARCH TO

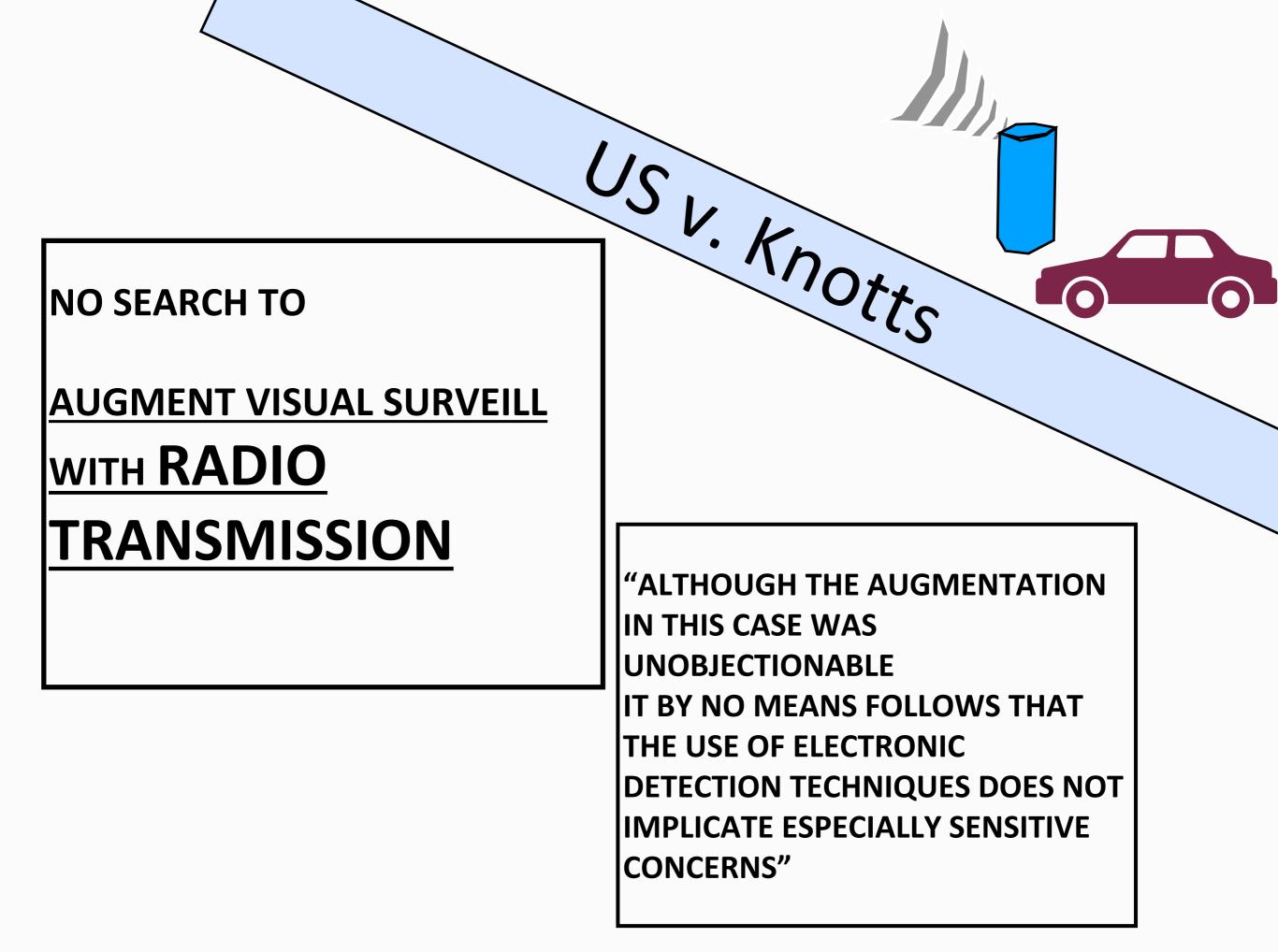
AUGMENT VISUAL SURVEILL

WITH RADIO

TRANSMISSION

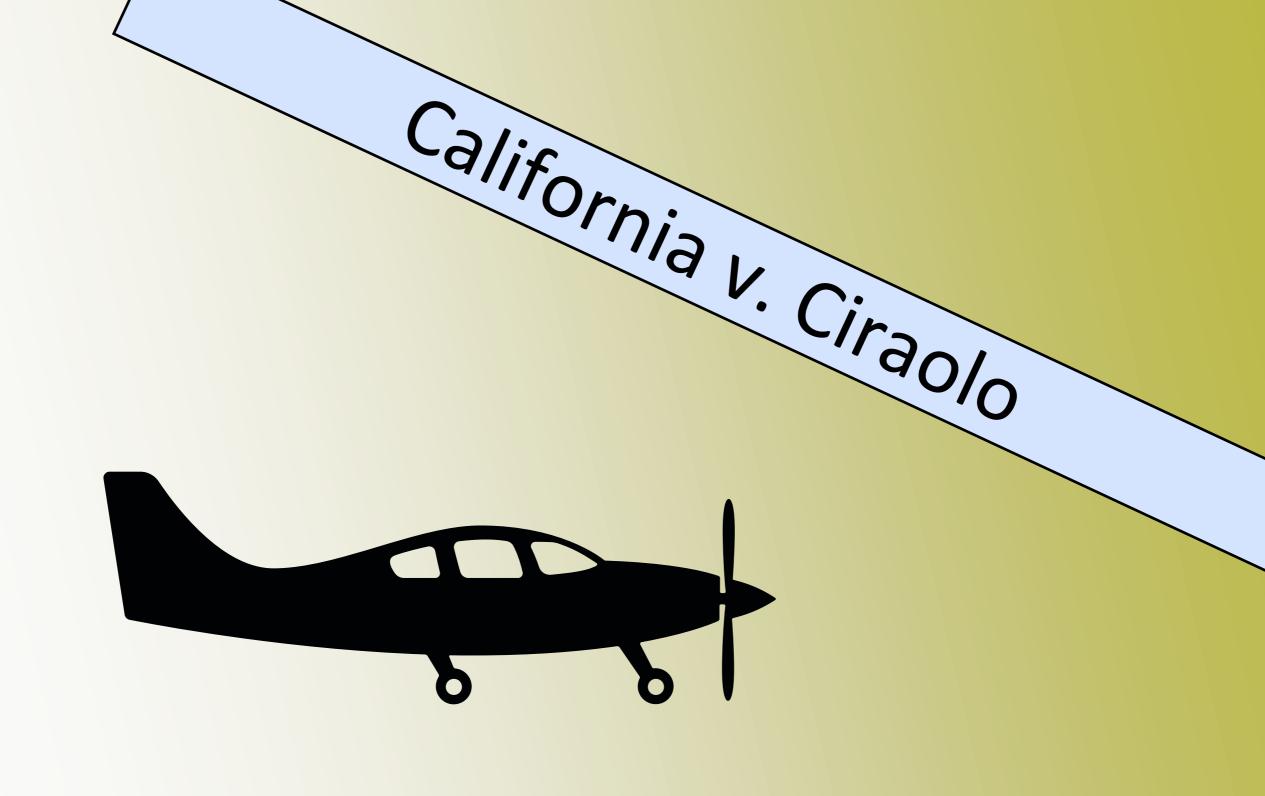
"NOTHING IN THE 4th AMENDMENT PROHIBITED THE POLICE FROM AUGMENTING THE SENSORY FACULTIES BESTOWED ON THEM AT BIRTH

US v. Knotts



NO REASONABLE EXPECTATION OF PRIVACY Even in CURTILAGE that is observable From PUBLIC VANTAGE POINT

AERIAL SURVEILLANCE



Police get a tip that defendant is growing marijuana in his backyard (behind a 6' outerand 10' inner fence).

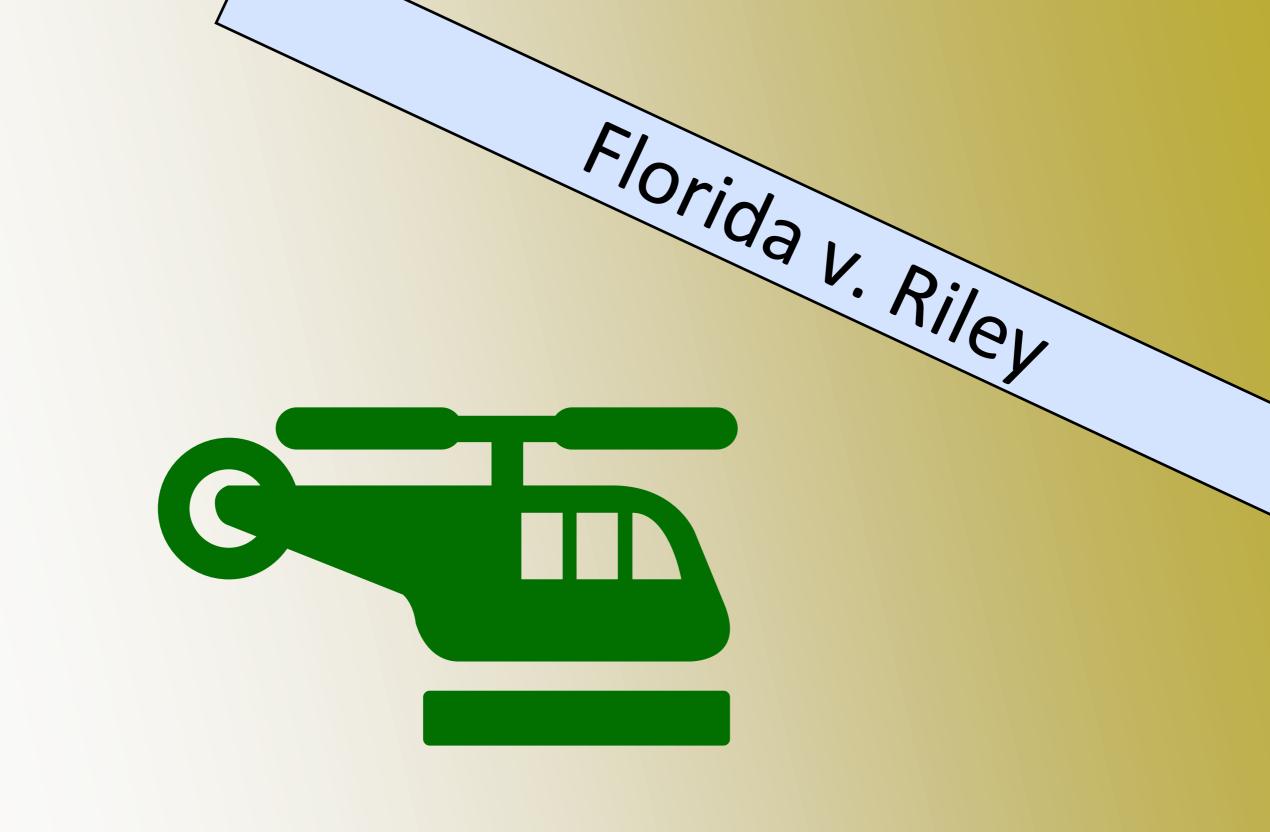
To see if he is, two officers fly a plane 1000 ft. above the property and see plants they recognize as marijuana



YARD <u>/S</u> CURTILAGE

BUT SEARCH IS FROM A PUBLIC VANTAGE POINT --

(FROM WHERE YARD CAN ALREADY SEEN BY MEMBERS OF GENERAL PUBLIC IN COMMERCIAL OR PRIVATE PLANES)



Police get a tip that defendant is growing marijuana in his greenhouse (which is missing some roof panels).

Officers fly a helicopter 400 ft. above the greenhouse and see plants they recognize as marijuana



GREENHOUSE <u>IS</u> CURTILAGE

BUT SEARCH IS FROM A PUBLIC VANTAGE POINT --

Florida v. Rilev

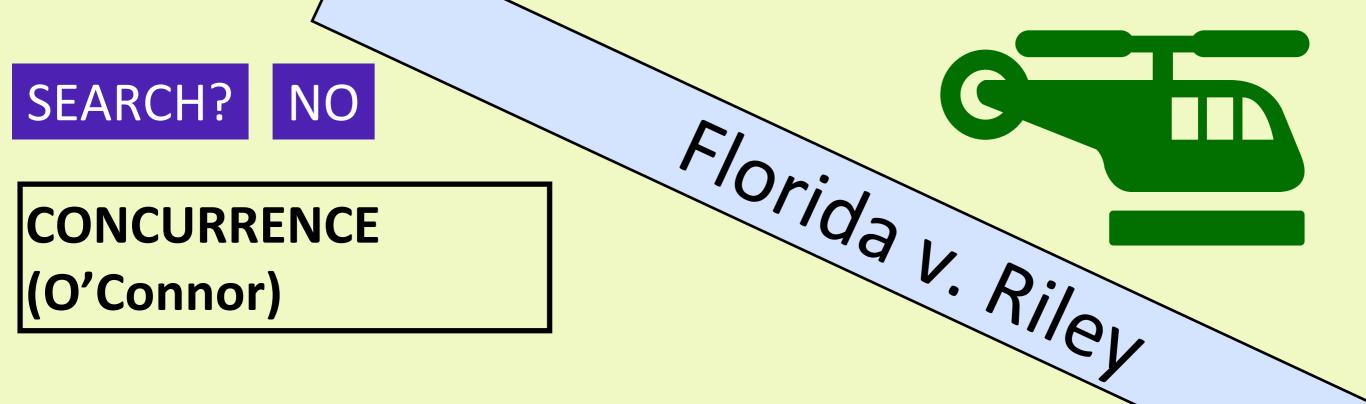
(FROM WHERE YARD CAN ALREADY SEEN BY MEMBERS OF GENERAL PUBLIC IN COMMERCIAL OR PRIVATE HELICOPTERS)



PLURALITY (White)

Florida v. Rilev BUT SEARCH IS FROM A PUBLIC VANTAGE POINT -- (FROM WHERE YAR ALREADY SEEN BY MEMBERS OF GENERAL PUBLIC IN COMMERCIAL OR PRIVATE HELICOPTERS)

- 1. 400 ft. height is not "contrary to law or regulation." While the FAA would bar a plane from being that low, no such bar applies to helicopters
- 2. What police did could have been done by "any member of the public." No indication that such use of helicopters is so rare that Riley could not have expected it.
- 3. No indication that use of helicopter "interfered with normal use" of greenhouse or other parts of curtilage
- 4. No observation of "intimate details connected with use of the home or the curtilage"



BUT SEARCH IS FROM A PUBLIC VANTAGE POINT -- (FROM WHERE YARD CAN

ALREADY SEEN BY MEMBERS OF GENERAL PUBLIC IN COMMERCIAL OR PRIVATE HELICOPTERS)

FAA regulations aren't decisive -- or important factor. Aerial observation can be a search even if it doesn't violate FAA regs.

"Rather, consistent with Katz, we must ask whether the helicopter was in public airways at an altitude at which members of the public travel with sufficient regularity" to make Riley's expectation of privacy unreasonable.



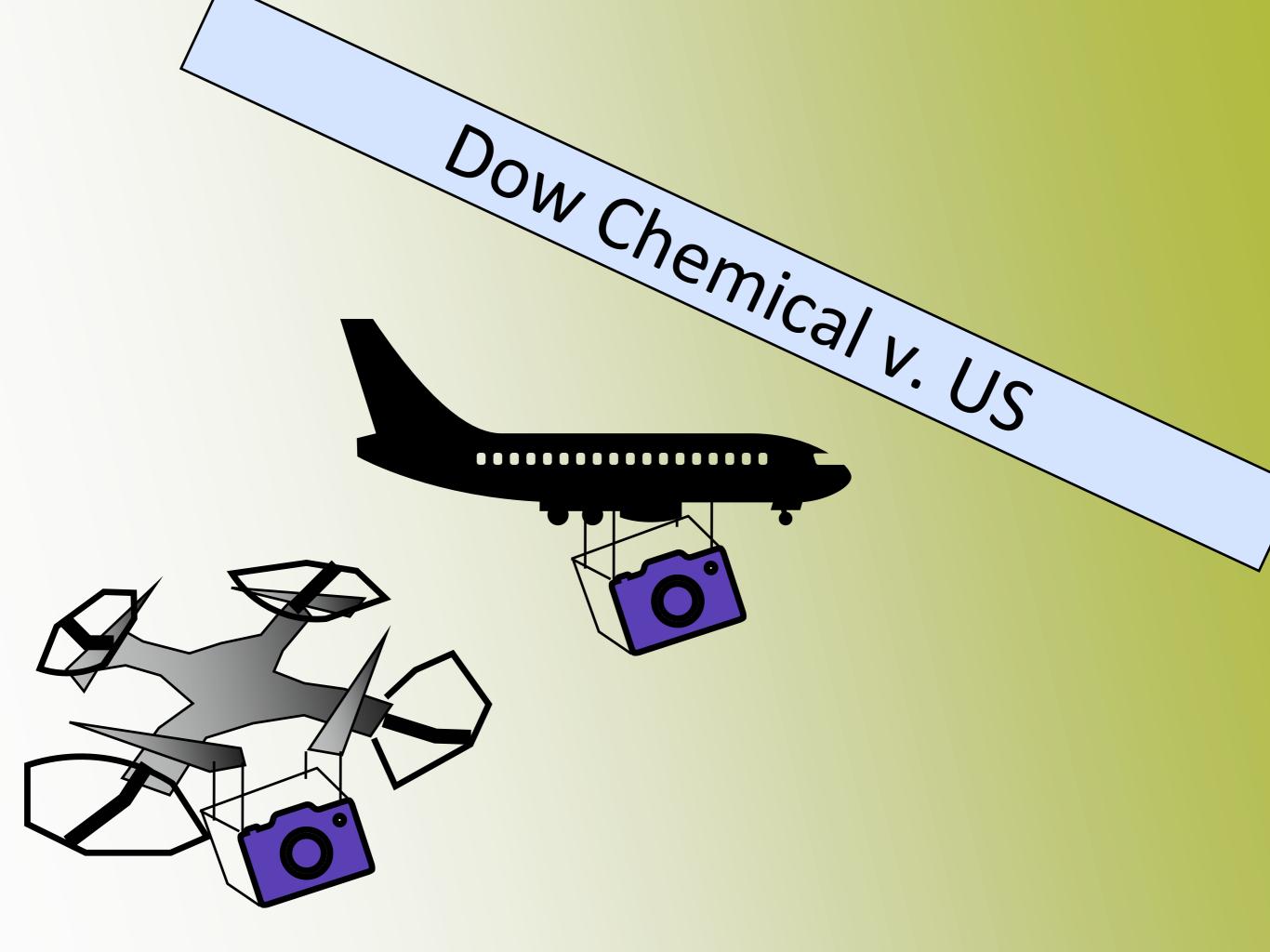
DISSENT (Brennan)

SEARCH MAY BE FROM A PUBLIC VANTAGE POINT, BUT INVESTIGATION MUST BE A "SEARCH" UNDER KATZ

1. Fact that it is possible for a someone to get a helicopter and observe the inside of Riley's Greenhouse doesn't make it sufficient common or likely to eliminate Riley's expectation of privacy

Florida v. Riley

2. What matters is how much "privacy and freedom" will there be "remaining to citizens" if there is no constitutional barrier to this kind of a search?



Dow Chemical v. Us After Dow Chemical refuses an EPA request to do a follow-up inspection of its chemical plant, the EPA flies an airplane over the plant -- taking pictures with an aerial mapping camera that "permits identification of objects such as wires as small as 1/2-inch in diameter."



PLANT IS HYBRID OF CURTILAGE AND OPEN FIELDS

IN ANY CASE, PHOTOS ARE FROM A PUBLIC VANTAGE POINT

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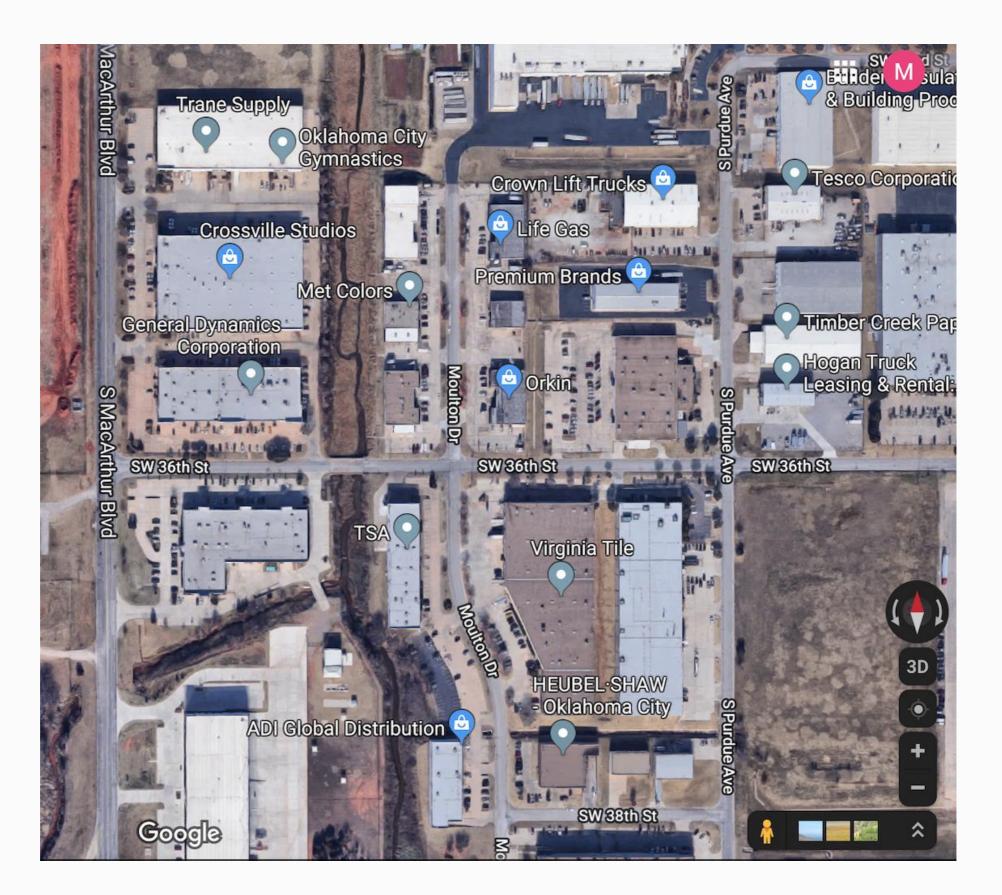


PLANT IS HYBRID OF CURTILAGE AND OPEN FIELDS

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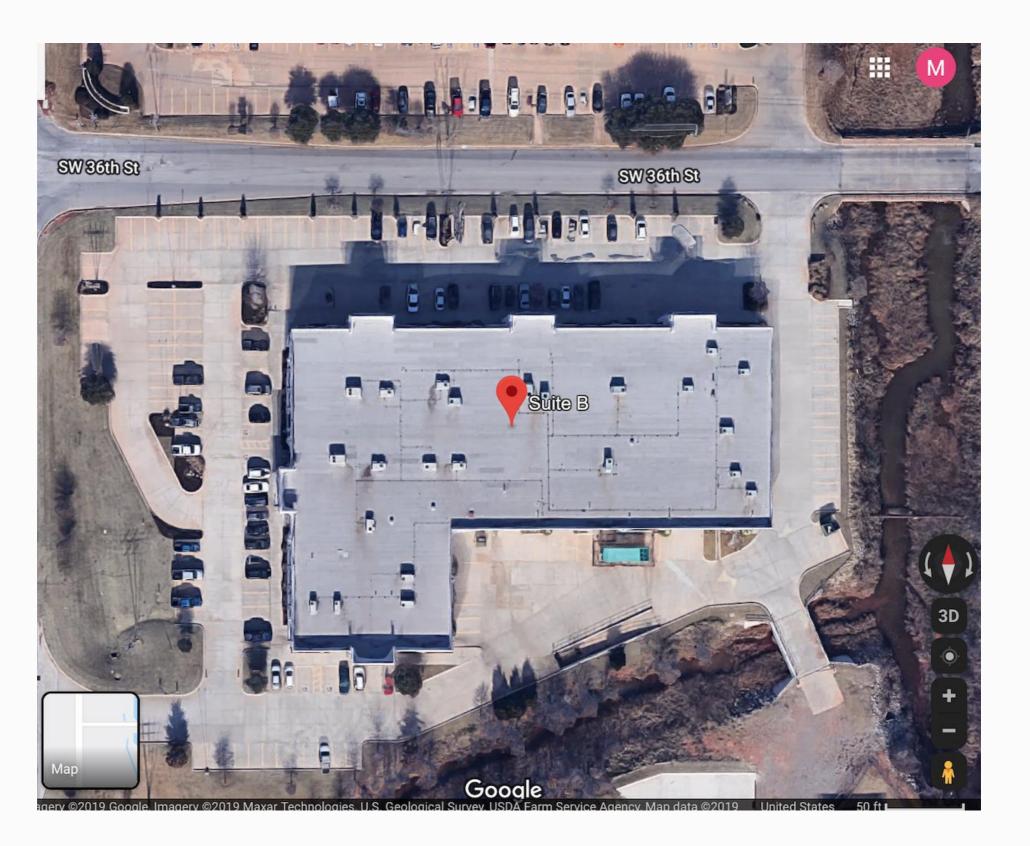
"POSITIVE LAW" model - if it isn't illegal for private citizens to look, why for government If it is legal for Individuals to gain view from above

Why not for gov't officials?



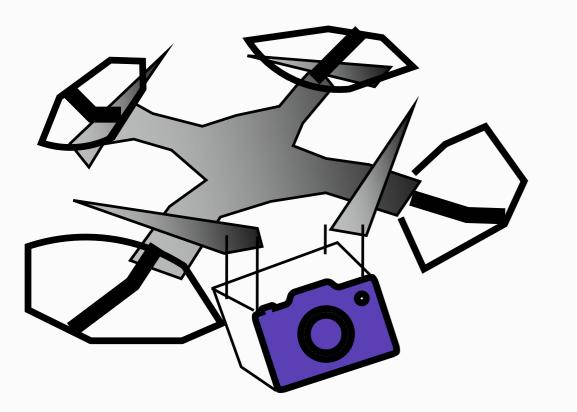
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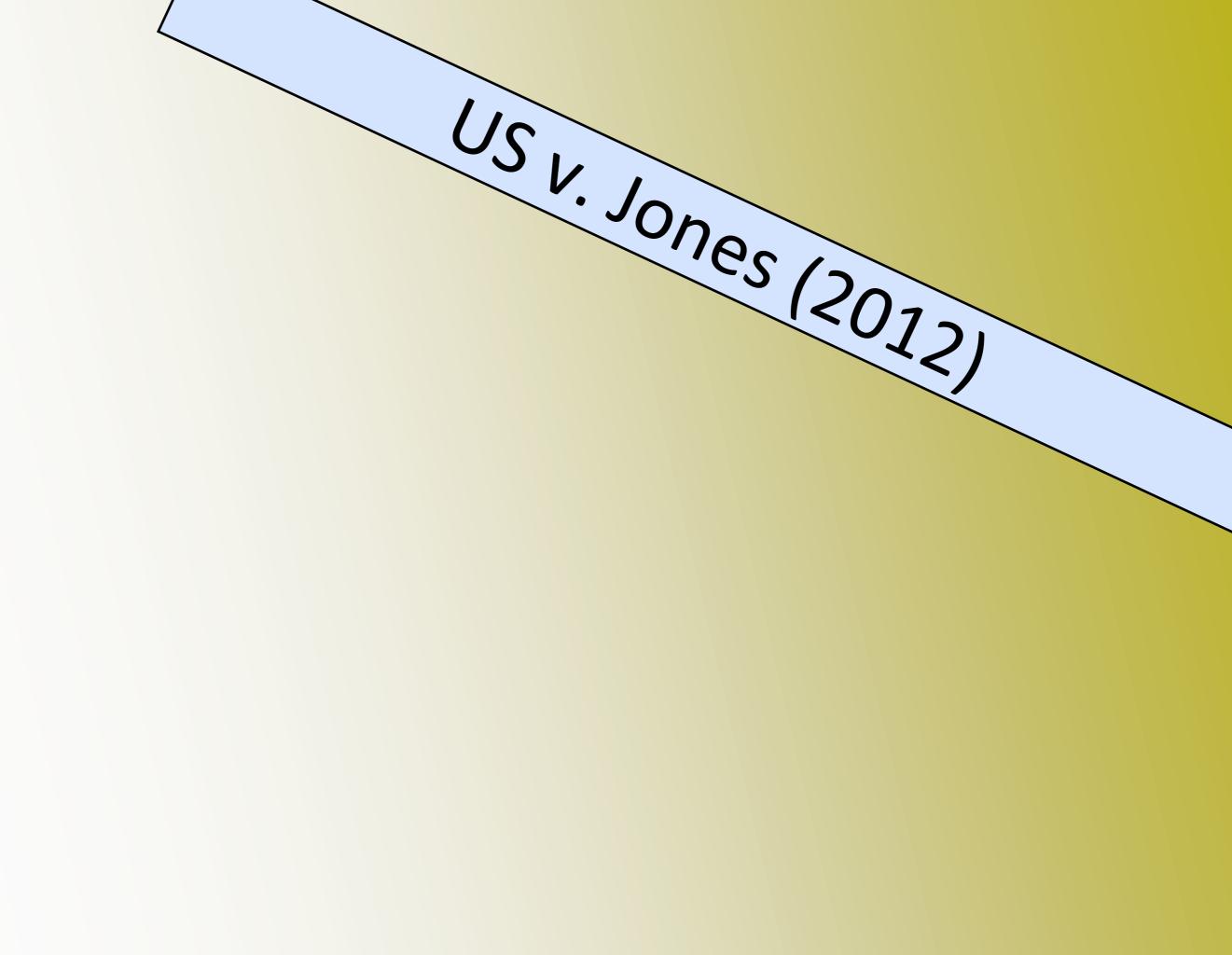
If it is legal for Individuals to use drones to capture photographs

Why not for gov't officials?





RECENT CASES THAT MIGHT MAKE A DIFFERENCE



GPS used to track Jones's vehicle: Police get a warrant to install GPS in Jones's car within 10 days -- do so on the 11th -- and in Maryland rather than DC (where the warrant was for)



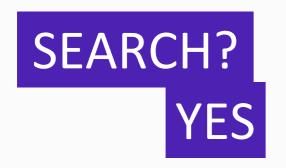
PLURALITY (SCALIA)

TRESPASS:

Search when they installed a GPS device on Jones's property (his car)

Us v. Jones

"the *Katz* reasonable-expectationof-privacy test has been *added to,* not *substituted for,* the commonlaw trespassory test" GPS used to track Jones's vehicle: Police get a warrant to install GPS in Jones's car within 10 days -- do so on the 11th -- and in Maryland rather than DC (where the warrant was for)



PLURALITY (SCALIA)

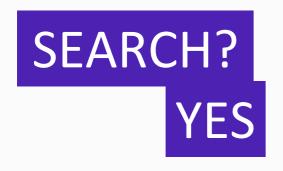
Us v. Jones

TRESPASS:

This Court has to date not deviated from the understanding that mere visual observation does not constitute a search

CONCURRENCE (ALITO)

GPS used to track Jones's vehicle: Police get a warrant to install GPS in Jones's car within 10 days -- do so on the 11th -- and in Maryland rather than DC (where the warrant was for)

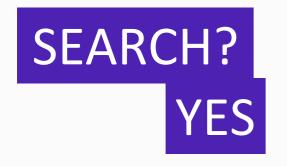


E KATZ, EXP OF PRIVACY:

the Court's reasoning largely disregards what is really important (the use of a GPS for the purpose of longterm tracking) and instead attaches great significance to something that most would view as relatively minor (attaching to the bottom of a car a small, light object that does not interfere in any way with the car's operation). Attaching such an object is generally regarded as so trivial that it does not provide a basis for recovery under modern tort law. But under the Court's reasoning, this conduct may violate the Fourth Amendment. By contrast, if long-term monitoring can be accomplished without committing a technical trespass—suppose, for example, that the Federal Government required or persuaded auto manufacturers to include a GPS tracking device in every car—the Court's theory would provide no protection

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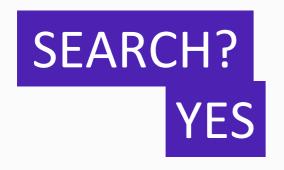
KATZ, EXP OF PRIVACY:

Under this approach, relatively short-term monitoring of a person's movements on public streets accords with expectations of privacy that our society has recognized as reasonable. See But the use of longer term GPS monitoring in investigations of most offenses impinges on expectations of privacy . . . We need not identify with precision the point at which the tracking of this vehicle became a search, for the line was surely crossed before the 4-week mark

USV. Jone

CONCURRENCE (SOTOMAYOR)

GPS used to track Jones's vehicle: Police get a warrant to install GPS in Jones's car within 10 days -- do so on the 11th -- and in Maryland rather than DC (where the warrant was for)



TRESPASS + KATZ, EXP OF PRIVACY:

the trespassory test applied in the majority's opinion reflects an irreducible constitutional minimum: When the Government physically invades personal property to gather information, a search occurs. The reaffirmation of that principle suffices to decide this case.

Us v. Jone

CONCURRENCE (SOTOMAYOR)

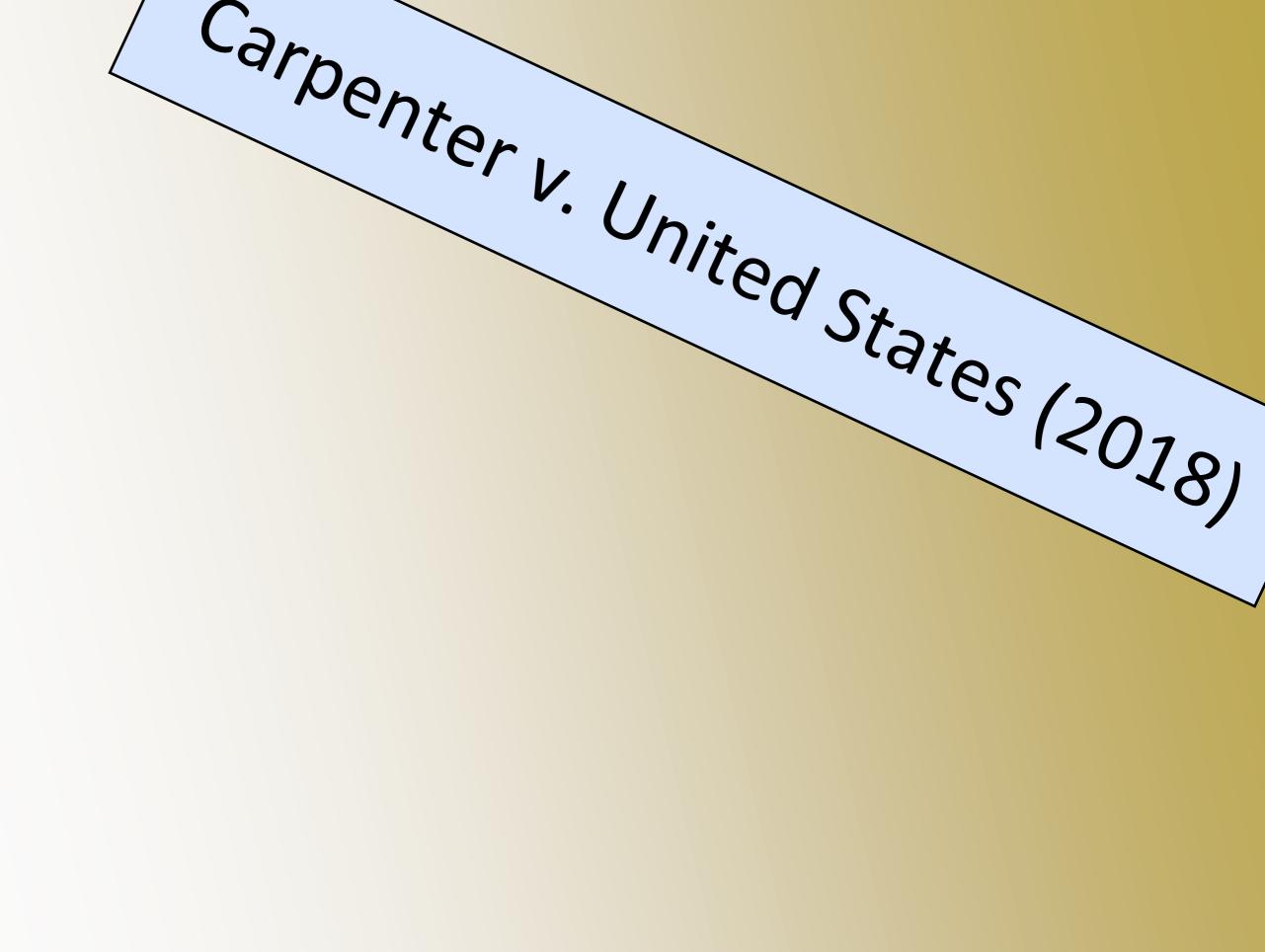
GPS used to track Jones's vehicle: Police get a warrant to install GPS in Jones's car within 10 days -- do so on the 11th -- and in Maryland rather than DC (where the warrant was for)



TRESPASS + KATZ, EXP OF PRIVACY:

I would also consider the appropriateness of entrusting to the Executive, in the absence of any oversight from a coordinate branch, a tool so amenable to misuse, especially in light of the Fourth Amendment's goal to curb arbitrary exercises of police power to and prevent "a too permeating police surveillance,"

Us v. Jones



THE COURT (Chief Justice Roberts)

Carpenter v. United States (2018)

Investigation is not a "search"

IF SHARED WITH 3rd PARTY

Their license plate trace leads the police to Michael Lee Smith. Smith v. MARYLAND

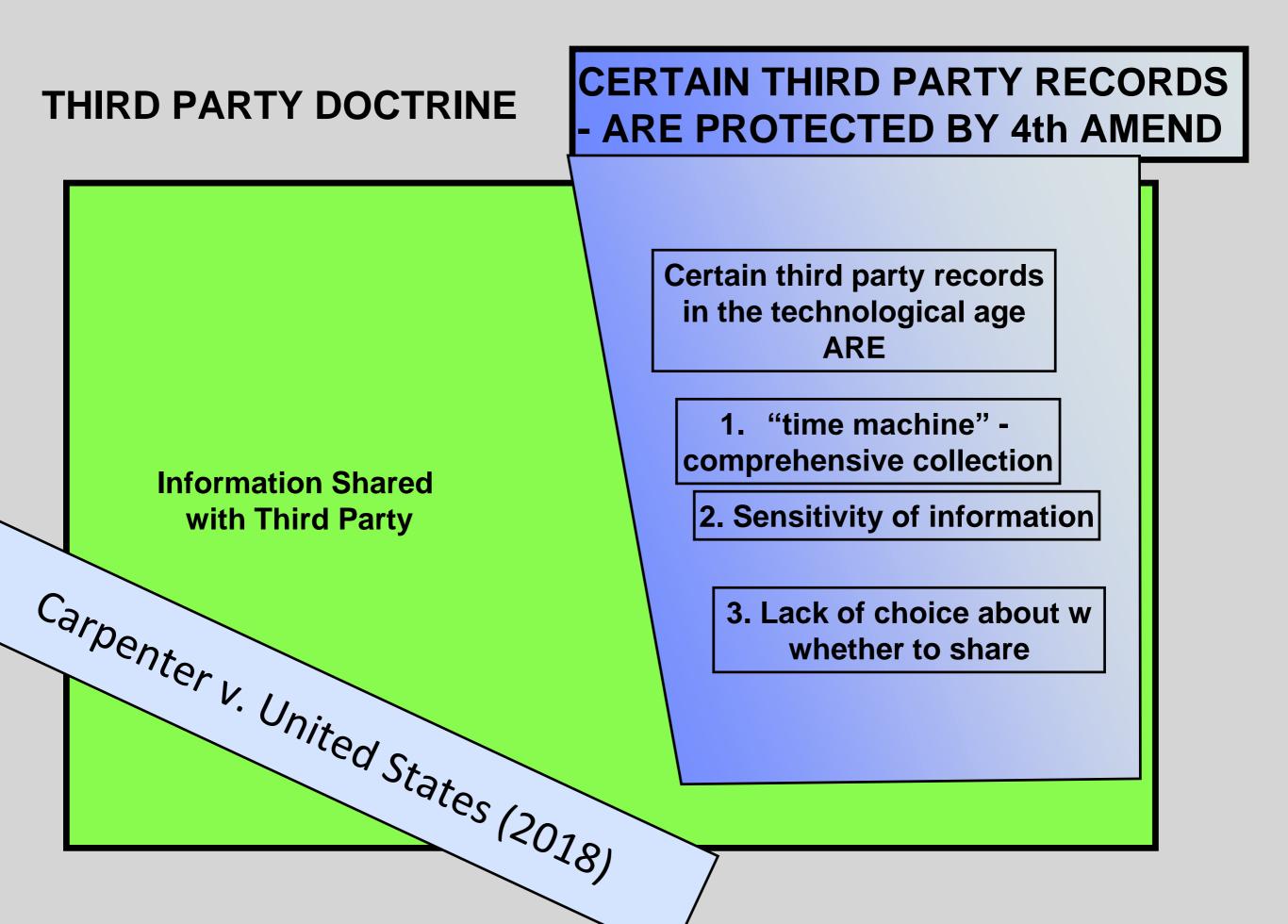
They ask phone company to install a <u>PEN REGISTER</u> to Smith's line (in the phone co's officers) -- to trace calls made from his home phone. It records evidence of a call to robbery victim's home.



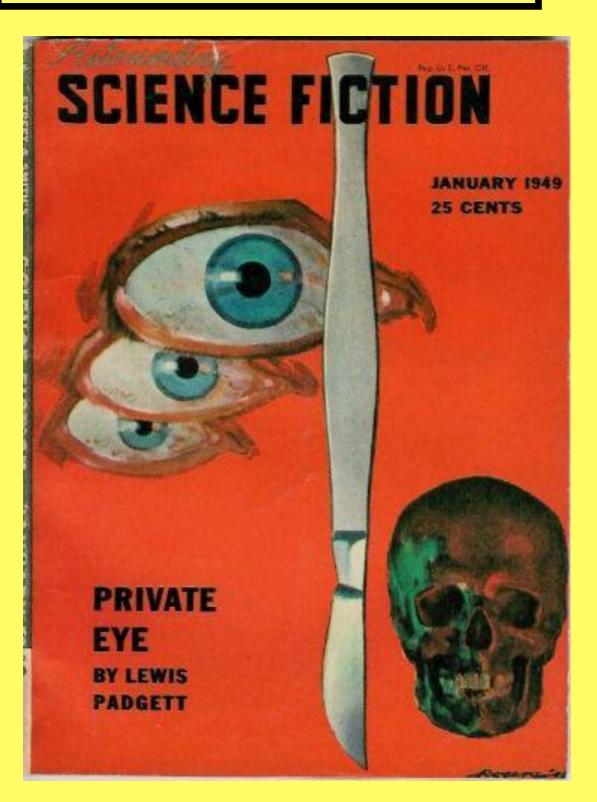


"WHEN HE USED HIS PHONE, PETITIONER VOLUNTARILY CONVEYED NUMERICAL INFORMATION TO THE TELEPHONE COMPANY"

Smith v. MARYLAND



TIME MACHINES

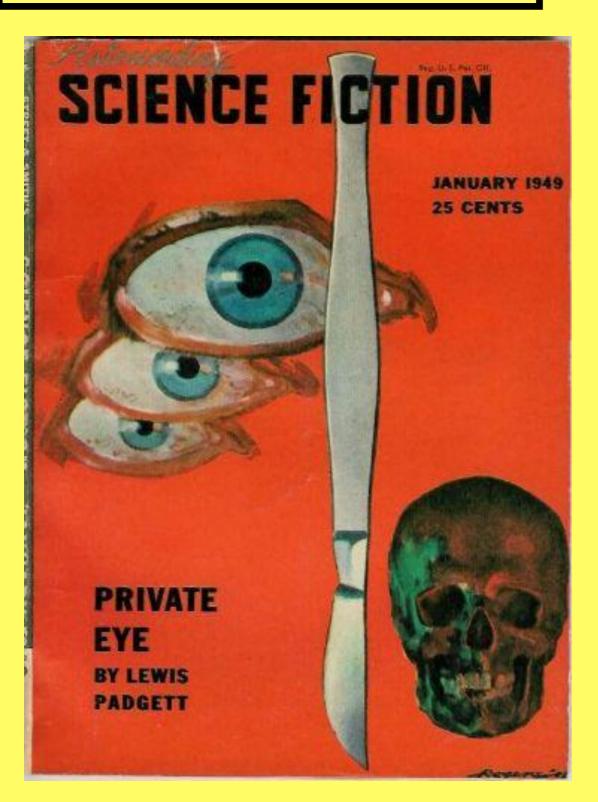


NOTICE

Carpenter v. United States (2018)

This area is under 24 Hour Video Surveillance

TIME MACHINES





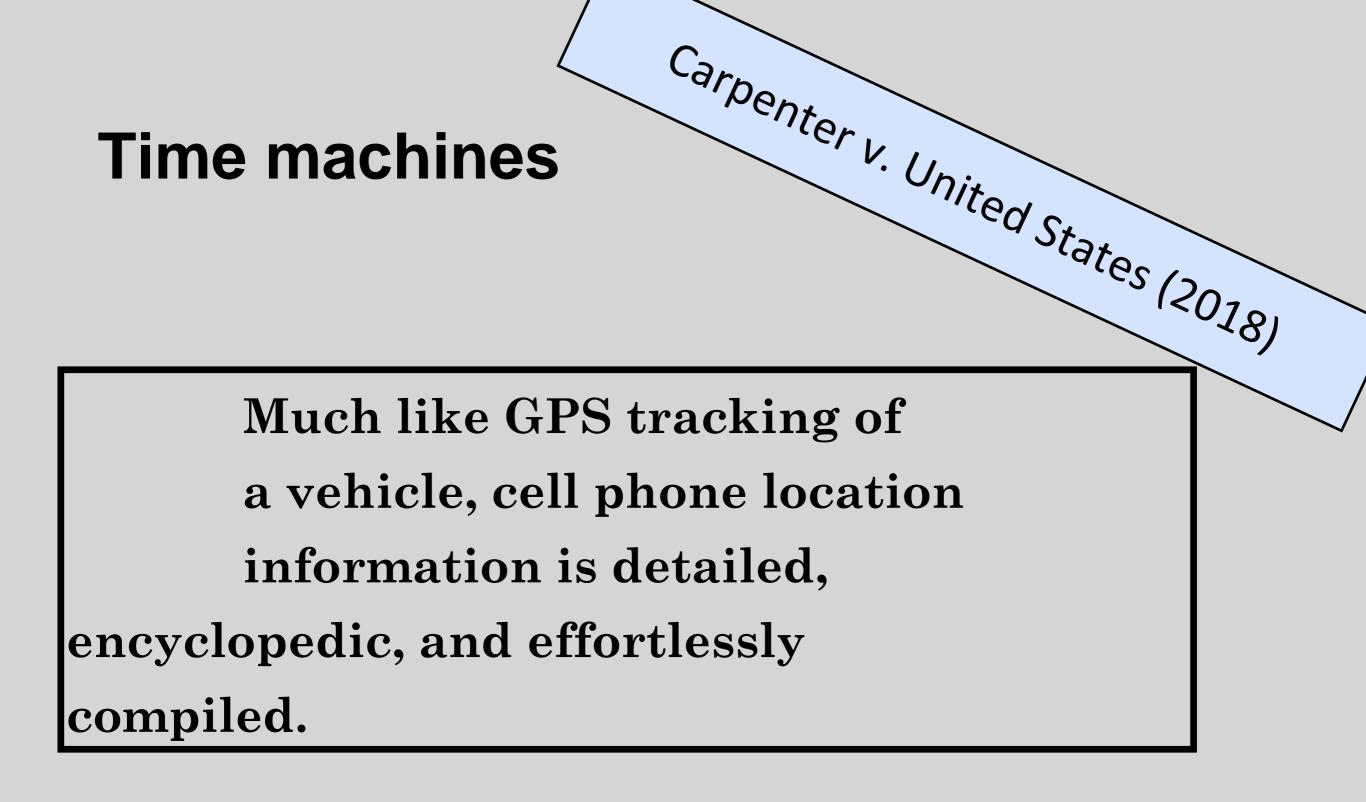
Carpenter v. United States (2018)

Time machines	v. United States (2018)
"With access to CSLI, the	
Government can now travel	
back in time to	
retrace a person's	
<u>whereabouts</u> ,	

MAJORITY - CHIEF JUSTICE ROBERTS

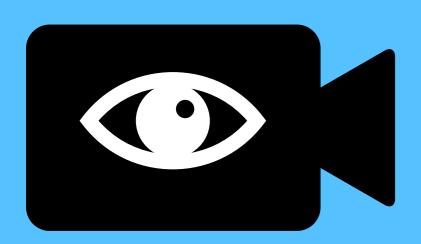
Time machines

Carpenter v. United States (2018) subject only to the retention polices of the wireless carriers, which currently maintain recordsfor up to five years. Critically, because location information is continually."



Technological Change

When confronting new concerns wrought by digital technology, this Court has been careful not to uncritically extend existing precedents. See Riley, 573 U.S., at ____ ("A search of the information on a cell phone bears little resemblance to the type of brief physical search considered [in prior precedents].")





VIDEO SURVEILLANCE

detailed, encyclopedic, and

effortlessly compiled

"With access to CSLI, the Government can now travel back in time to

retrace a person's whereabouts, subject only to the retention

polices of the wireless carriers, which currently maintain records for up to five years.

Critically, because location information is continually."

Court suggests . . that "individuals have a reasonable expectation of privacy in the whole of their physical movements."

Knotts held just the opposite: "A person traveling in an automobile on public thoroughfares has no reasonable expectation of privacy in his movements from one place to another." 460 U. S., at 281. unhinges Fourth Amendment doctrine from the property-based concepts that have long grounded the analytic framework that pertains in these cases. In doing so it draws an unprincipled and unworkable line between cell-site records on the one hand and financial and telephonic records on the other. Court suggests . . that "individuals have a reasonable expectation of privacy in the whole of their physical movements."

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DISSENT - JUSTICE THOMAS

should turn on whose property was searched. The Fourth Amendment guarantees individuals the right to be secure from unreasonable searches of "their persons, houses, papers, and effects." In other words, "each person has theright to be secure against unreasonable searches . . . in his own person, house, papers, and effects."

1. SEARCH or SEIZURE

COVERAGE Question-

Is what police or other gov't officials are doing "covered" by 4th Amendment requirements at all?

GOV'T

WHAT ACTIONS DOES FORCE FIELD COVER?

2. If so, must be REASONABLE

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FOURTH AMENDMENT

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Default level of protection for 4th Amend. search

WARRANT - BASED UPON PROBABLE CAUSE

- **1. Searches incident to arrest**
- 2. inventory searches
- 3. Hot Pursuit
- 4. Exigent Circumstances
- 5. Plain View
- 6. Consent
- 7. The Automobile Exception
- 8. Border Searches
- **9. Special Needs** in Schools/ Workplaces Checkpoints/ Roadblocks Drug Testing
- **10. Administrative Searches**

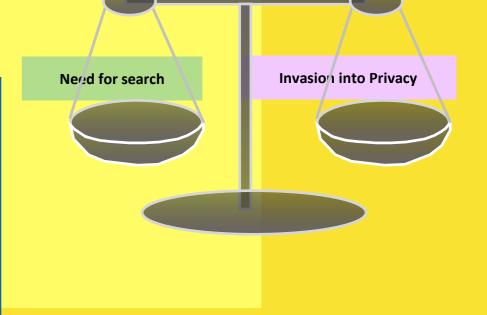
10. Probation and parole

EXCEPTIONS TO WARRANT REQUIREMENT

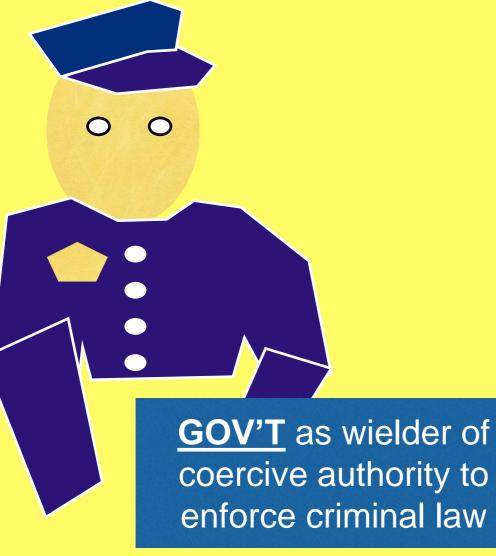
SPECIAL NEEDS SEARCHES (of individual students)

Warrants not necessary Probable cause not necessary MAY BE SUSPICIONLESS "A search unsupported by probable cause can be constitutional, we have said, "when special needs, beyond the normal need for law enforcement, make the warrant and probablecause requirement impracticable."

Instead -- reasonable suspicion -- as determined by balance: Need for Search vs. Invasion of Privacy it Entails



SEARCHES - Ordinary criminal law enforcement



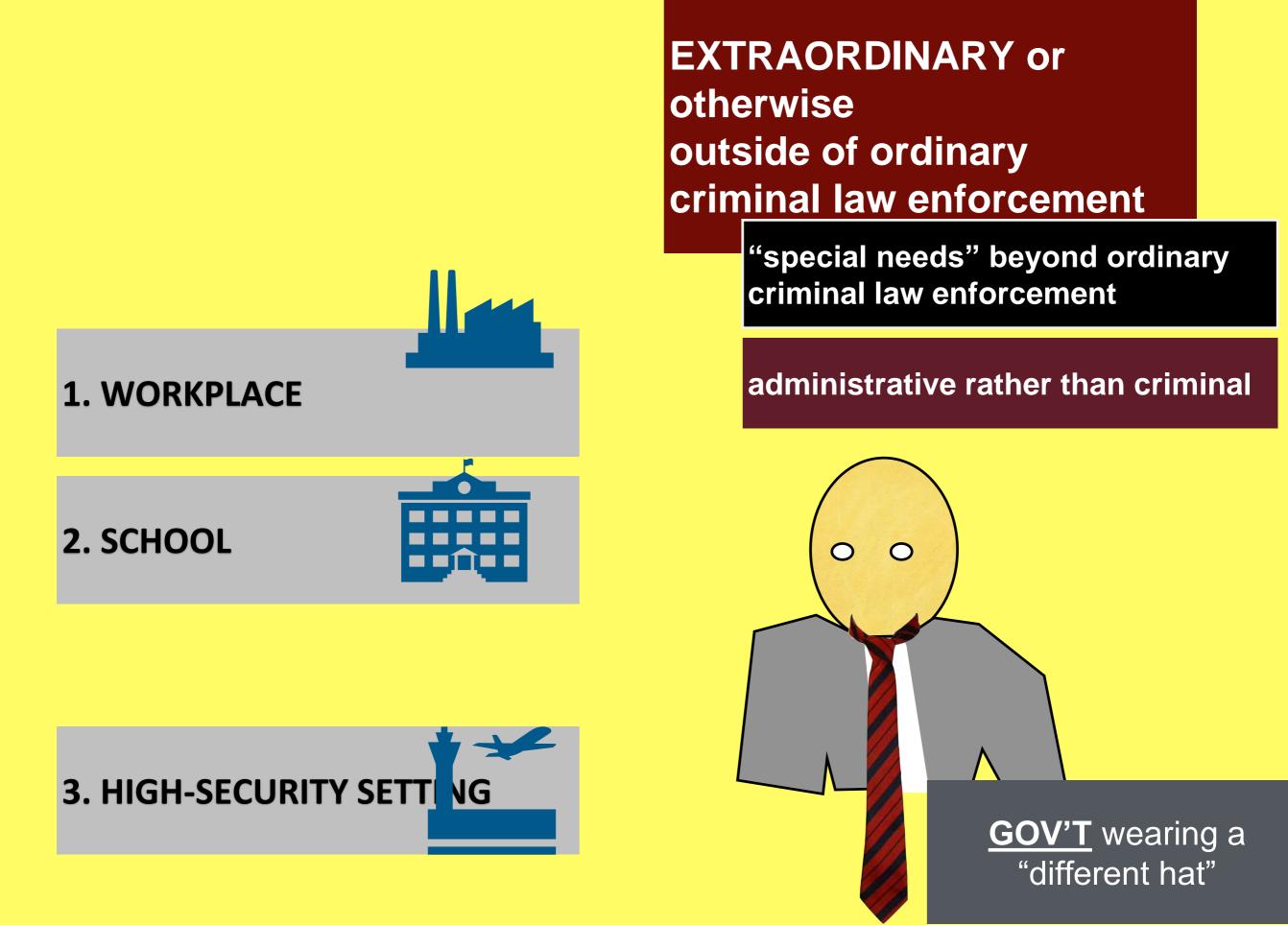
EXTRAORDINARY or otherwise outside of ordinary criminal law enforcement

 \bigcirc

"special needs" beyond ordinary criminal law enforcement

administrative rather than criminal





When search is on this side of the line, gov't tends to WIN

EXTRAORDINARY or otherwise outside of ordinary criminal law enforcement

"special needs" beyond ordinary criminal law enforcement

administrative rather than criminal

Can be warrantless Can be suspicionless

IMPORTANT!!

Need for search

Invasion into Privacy

SEARCHES - Ordinary criminal law enforcement

REASONABLENESS

Warrant based upon probable cause -PLACE or PERSON police are targeting

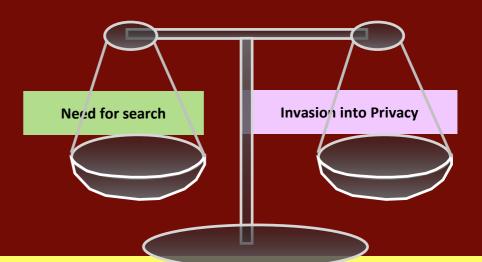
EXTRAORDINARY or otherwise outside of ordinary criminal law enforcement

"special needs" beyond ordinary criminal law enforcement

administrative rather than criminal

REASONABLENESS

Can be warrantless Can be suspicionless



Division of Housing Inspection of SF Health Dept. wants to make inspection of residence to assure compliance with Housing Code

Needs a probable cause?

NOT IN TRADITIONAL SENSE

Camara. Unlike the search pursuant to a criminal investigation, the inspection programs at issue here are aimed at securing city-wide compliance with minimum physical standards for private property. The primary governmental interest at stake is to prevent even the unintentional development of conditions which are hazardous to public health and safety. Because fires and epidemics may ravage large urban areas, because unsightly conditions adversely affect the economic values of neighboring structures, numerous courts have upheld the police power of municipalities to impose and enforce such minimum standards even upon existing structures. In determining whether a particular inspection is reasonable -- and thus in determining whether there is probable cause to issue a warrant for that inspection -- the need for the inspection must be weighed in terms of these reasonable goals of code enforcement.

Can there be warrantless search of an automobile junkyard?

YES

New York v. Burger

New York v. Burger **Searches of this sort** "fall within [the] established exception to the warrant requirement for administrative inspection in 'closelyregulated' businesses

state substantial interest in regulation

regulation "reasonable serves" this interest

3. "constitutionally adequate substitute for a warrant"

Administrative Searches

WORK: Warrant not required for searches of "closelyregulated businesses" -- in that case, acc'd to Court in NY v. Burger, gov't can conduct warrantless search if it can show:

state substantial interest in regulation

regulation "reasonable serves" this interest

3. "constitutionally adequate substitute for a warrant"

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abridging the freedom

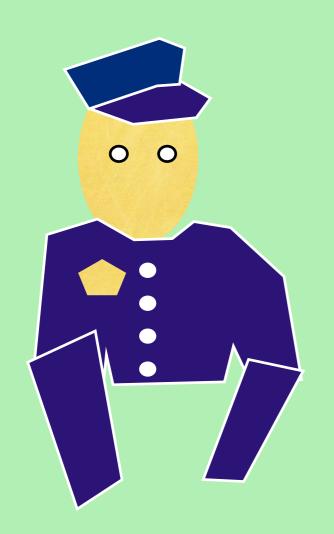
of speech, or of the press

FIRST AMEND. COVERAGE: WHAT IS SPEECH?

1st Amendmen What is Protect

FIRST AMEND. PUBLIC FORUM DOCTRINE

To what spaces speakers have p Drones or UAVs access?









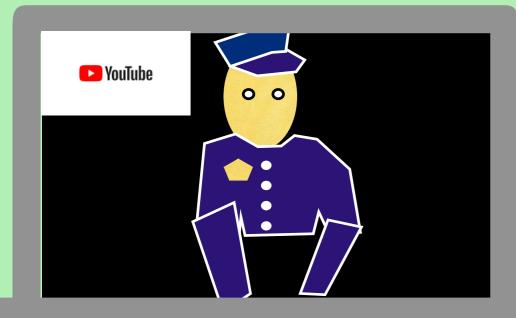
Alvarez v. ACLU (7th Cir. 2013)

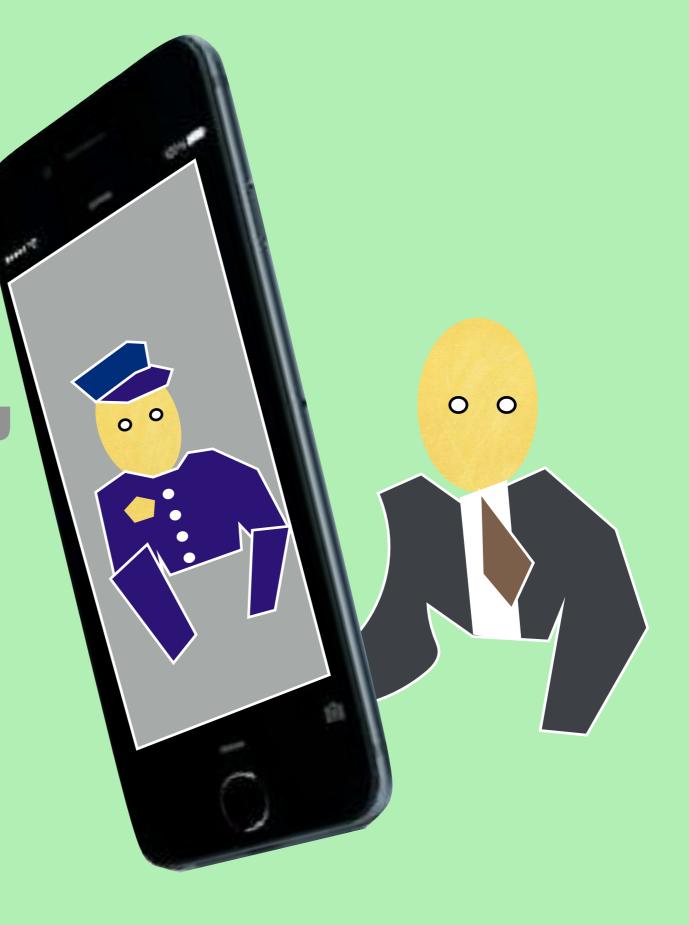
1. videorecording (incl. audio) is a precondition to creating speech / indispensable to essential medium of expression

2. in a democracy, citizens have to be able to know about and speak about gov't activities (and other events of public interest)









THE THREE TYPES OF FORUMS: (and the accompanying black letter law)

two types of **PUBLIC FORUM**

one type of NON- PUBLIC FORUM

THE THREE TYPES OF FORUMS: (and the accompanying black letter law)

TRADITIONAL Public Forum

two types of **PUBLIC FORUM**

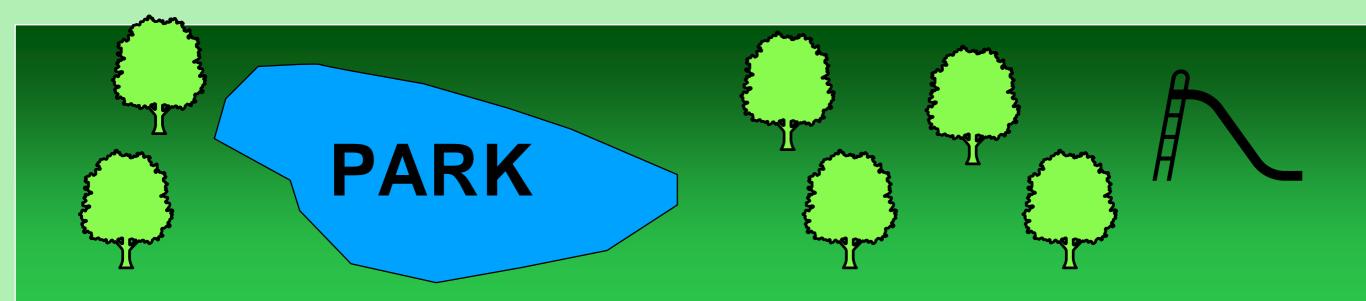
DESIGNATED Public Forum

one type of NON- PUBLIC FORUM

NON-PUBLIC

TRADITIONAL or QUINTESSENTIAL PUBLIC FORUM PUBLIC FORUM type 1

PUBLIC STREET

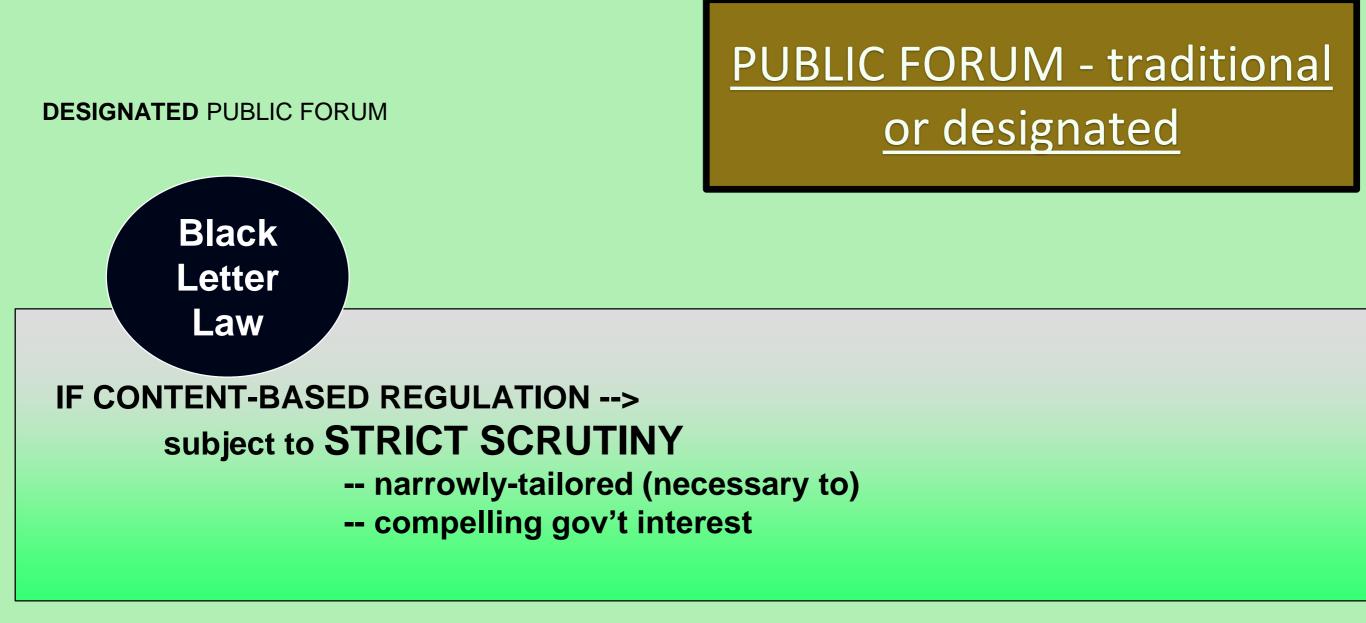


DESIGNATED PUBLIC FORUM



AREA SET ASIDE BY GOV'T FOR FREE <u>CONVERSATION</u>

E A CHAI



IF CONTENT-NEUTRAL -->

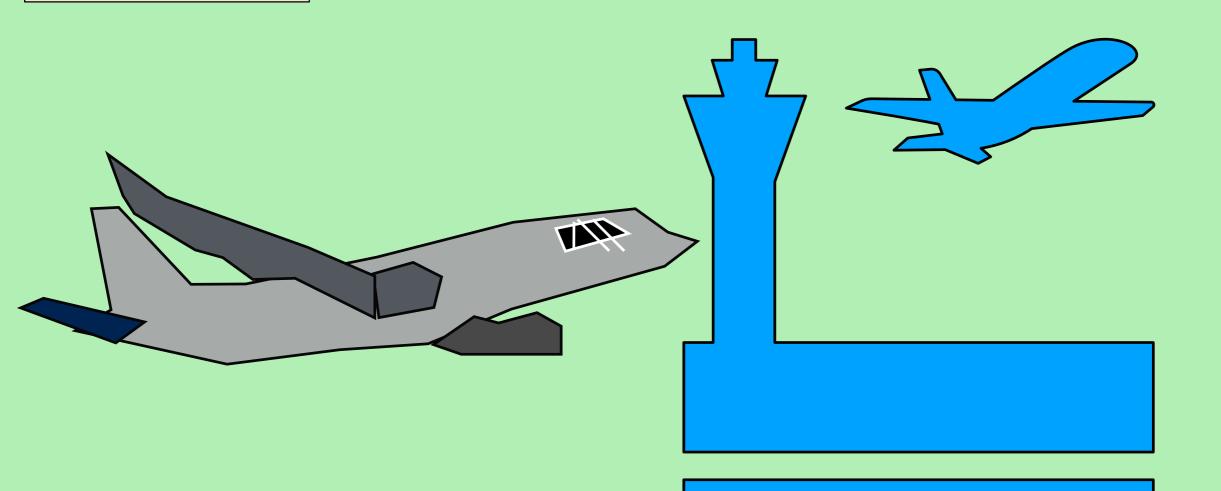
a form of INTERMEDIATE SCRUTINY

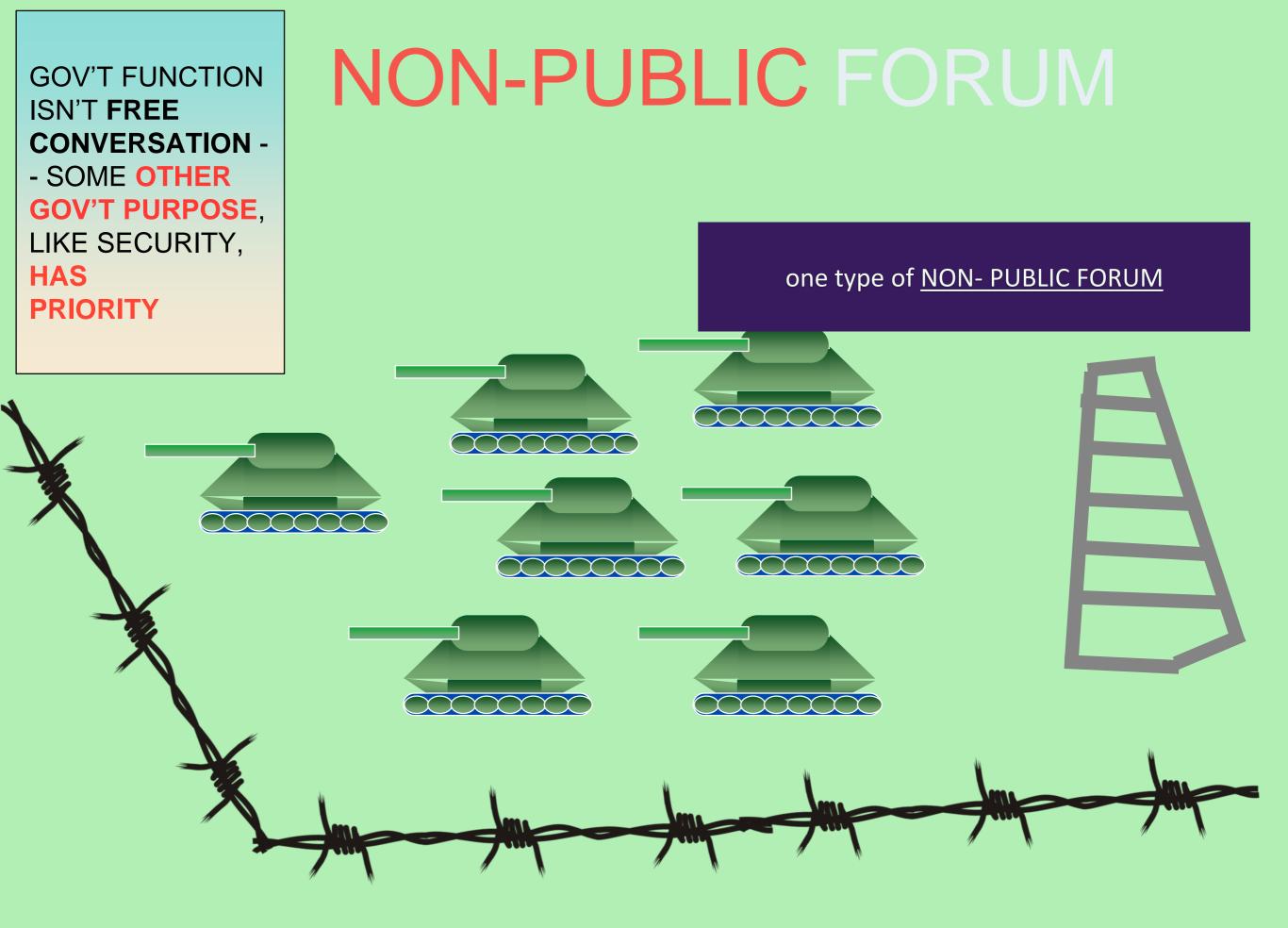
- 1. truly content-neutral
- 2. significant-gov't interest
- 3. narrowly tailed (doesn't restrict substantially more speech then necessary)
- 3. leave open ample alternative channels for communication

GOV'T FUNCTION ISN'T FREE CONVERSATION -- SOME OTHER GOV'T PURPOSE, LIKE SECURITY, TAKES HAS PRIORITY

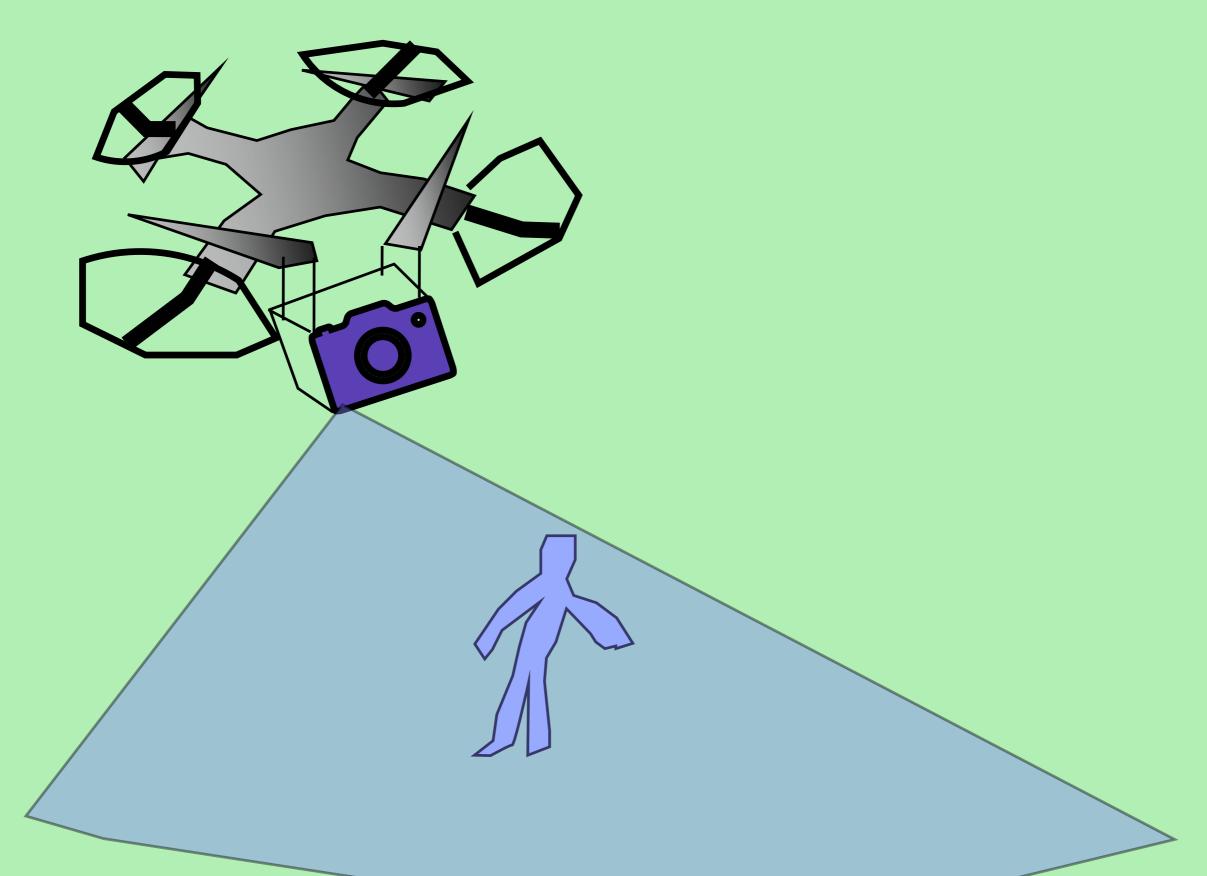
NON-PUBLIC FORUM

one type of <u>NON- PUBLIC FORUM</u>



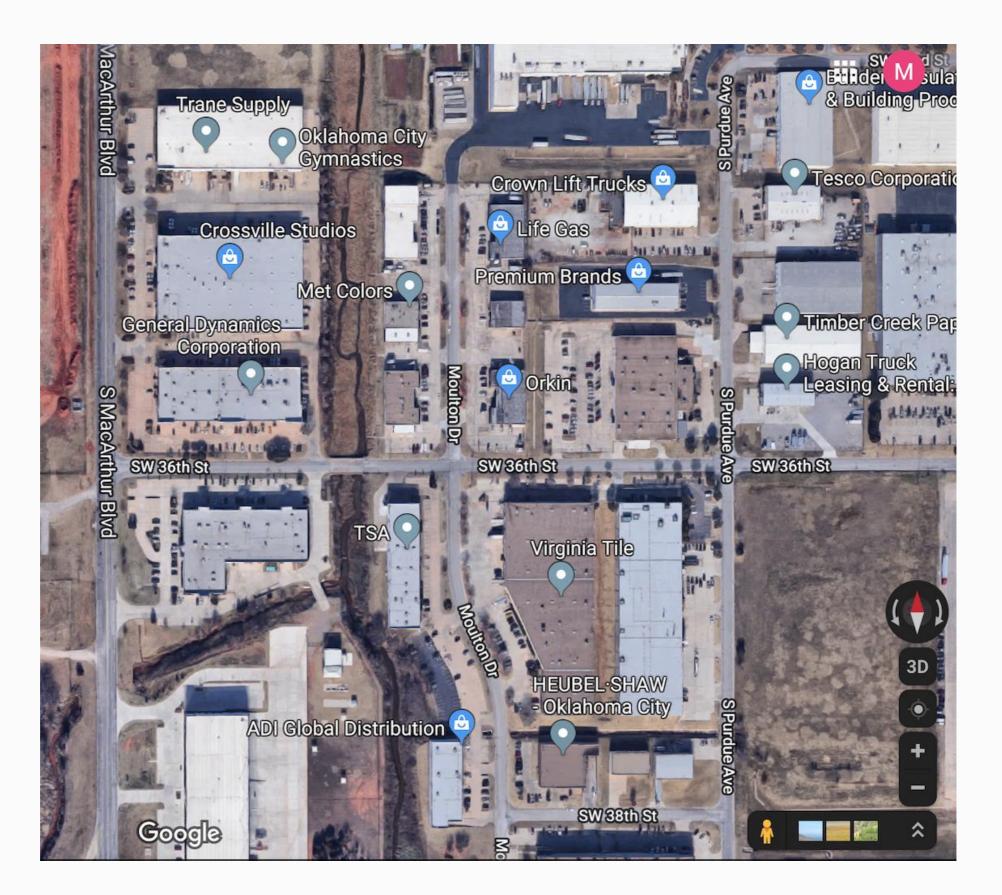


WHAT TYPE OF FORUM IS AIRSPACE DRONE OPERATES IN?

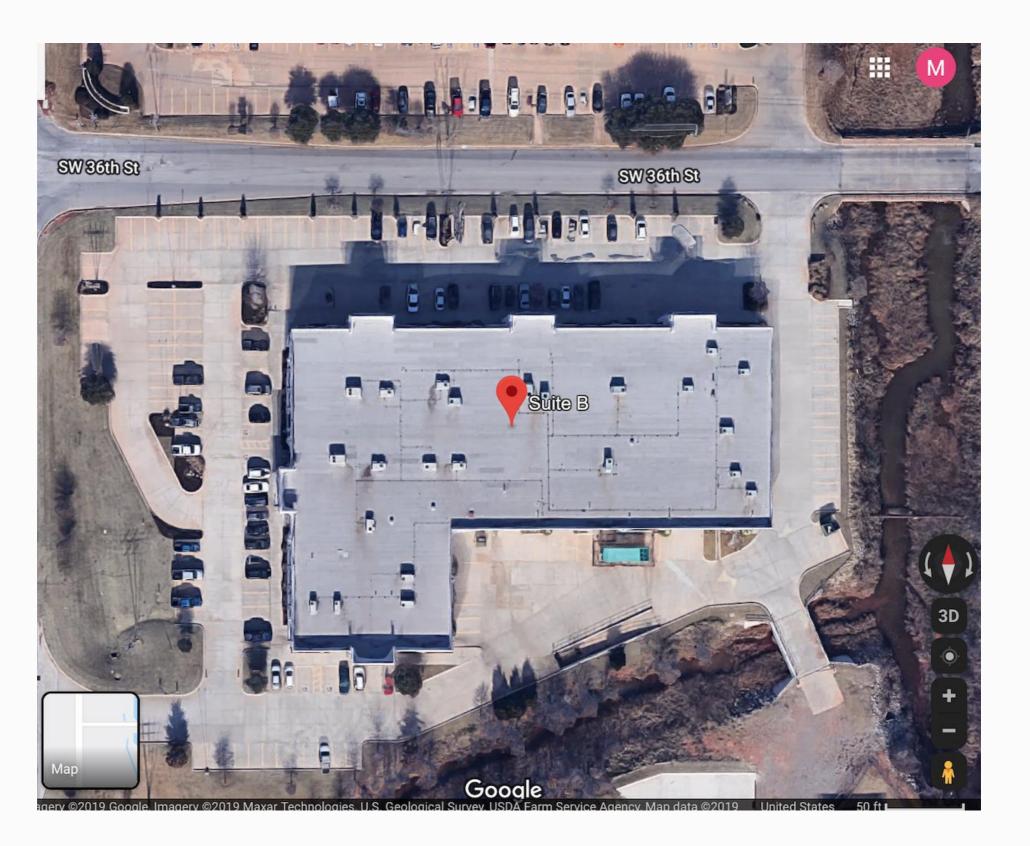


"POSITIVE LAW" model - if it isn't illegal for private citizens to look, why for government

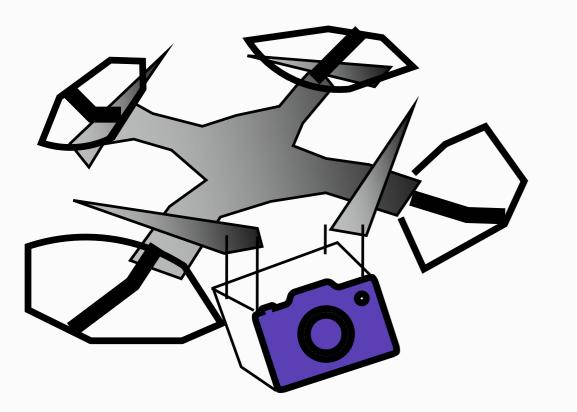
If it is legal for Individuals to gain view from above



If it is legal for Individuals to gain view from above



If it is legal for Individuals to use drones to capture photographs





AND FIRST AMENDMENT MIGHT ASSURE

it is legal for individuals to use drones to capture photographs

at least in some circumstances



