

UAV-k a pilóták szemével

UAV Workshop Szolnok 2014

Prof. Dr. Makkay Imre

TOP GUN

FIGHTER PILOT



TOP GUN

DRONE PILOT



PILÓTÁK

- UAV, Drone, RPV, RPAS
- NPPL, SPL, PPL, CPL, ATPL, MIL
- RC, FPV





Prototype Quadrotor with Machine Gun!



FPSRussia

Feliratkozás 5 325 727

24 007 094

+ Hozzáadás Megosztás ... Továbbiak

248 190 14 611

Közzététel: 2012. ápr. 23.

CLICK TO TWEET: <http://clicktotweet.com/btP1u>

FPSRussia Shirts: <http://fpsrussia.spreadshirt.com/-C94489>

Twitter: <http://twitter.com/THEFPSHOW>

TÖBB

MINDEN MEGJEGYZÉS (52 532)



Írj meg a gondolataid!

Interaktív Zenenaptár

- Dji
- Érdekesse
- Felépés
- Feloszlás
- Felvetel
- Gyász
- Megalakulás
- Megjelenés
- Slágerlista
- Születésnap



A(z) TOP 5 VIDEOS következő eleme



AA-12 Fully Automatic Shotgun!!!

FPSRussia
39 721 291 megtekintés

Összes lejátszása

Javaslatok



DESERT TACTICAL HTI 50BMG SNIPER!

FPSRussia
7 066 984 megtekintés



FPSRussia Goes to Whitecastle - In a tank...

FPSRussia
7 801 941 megtekintés



Most Powerful Handgun on Earth

FPSRussia
12 661 962 megtekintés



Girls Fails of the Month March 2013 || FailArmy

Fail Army
11 597 718 megtekintés



Hoverthings.com Quadrino Witespy Quadcopter oBAMA SUCKS, is a

MikayRC
1 319 100 megtekintés



SUBSCRIBE



SUBSCRIBE



SUBSCRIBE



SUBSCRIBE



SUBSCRIBE



SUBSCRIBE



SUBSCRIBE



Drone hunting:

The new American pastime





ONLY ON 7NEWS

7NEWS

SMALL TOWN CONSIDERING BOUNTY ON DRONES

DEER TRAIL WOULD SELL DRONE HUNTING LICENSES





FPV SCHOOL



REMOTELY
PILOTED
AIRCRAFT
OPERATOR



What Can I Do With My Model Aircraft?

Having fun means flying safely! Hobby or recreational flying doesn't require FAA approval but you must follow safety guidelines. Any other use requires FAA authorization.

AVOID DOING ANYTHING HAZARDOUS TO OTHER AIRPLANES OR PEOPLE AND PROPERTY ON THE GROUND.

- ✓ **DO** fly a model aircraft/UAS at the local model aircraft club
- ✓ **DO** take lessons and learn to fly safely
- ✓ **DO** contact the airport or control tower when flying within 5 miles of the airport
- ✓ **DO** fly a model aircraft for personal enjoyment
- ✗ **DON'T** fly near manned aircraft
- ✗ **DON'T** fly beyond line of sight of the operator
- ✗ **DON'T** fly an aircraft weighing more than 55 lbs unless it's certified by an aeromodelling community-based organization
- ✗ **DON'T** fly contrary to your aeromodelling community-based safety guidelines
- ✗ **DON'T** fly model aircraft for payment or commercial purposes



MODEL AIRCRAFT OPERATIONS LIMITS

According to the FAA Modernization and Reform Act of 2012 as (1) the aircraft is flown strictly for hobby or recreational use; (2) the aircraft is operated in accordance with a community-based set of safety guidelines and within the programming of a nationwide community-based organization; (3) the aircraft is limited to not more than 55 pounds unless otherwise certified through a design, construction, inspection,

flight test, and operational safety program administered by a community-based organization; (4) the aircraft is operated in a manner that does not interfere with and gives way to any manned aircraft; (5) when flown within 5 miles of an airport, the operator of the aircraft provides the airport operator and the airport air traffic control tower...with prior notice of the operation; and (6) the aircraft is flown within visual line of sight of the operator.

For more information about safety training and guidelines, visit www.modelaircraft.org

For more information, visit
www.faa.gov/go/uas



Federal Aviation
Administration

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**Federal Aviation
Administration**



**2ND ANNUAL
SOUTHEASTERN FPV FLY-IN**
at The Pecan Patch









Academy of Model Aeronautics

AMA Advanced
Flight Systems
Committee
Report 101

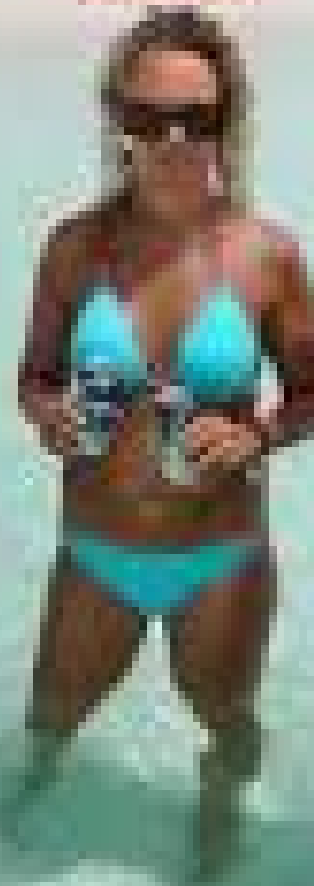




Camera Operator

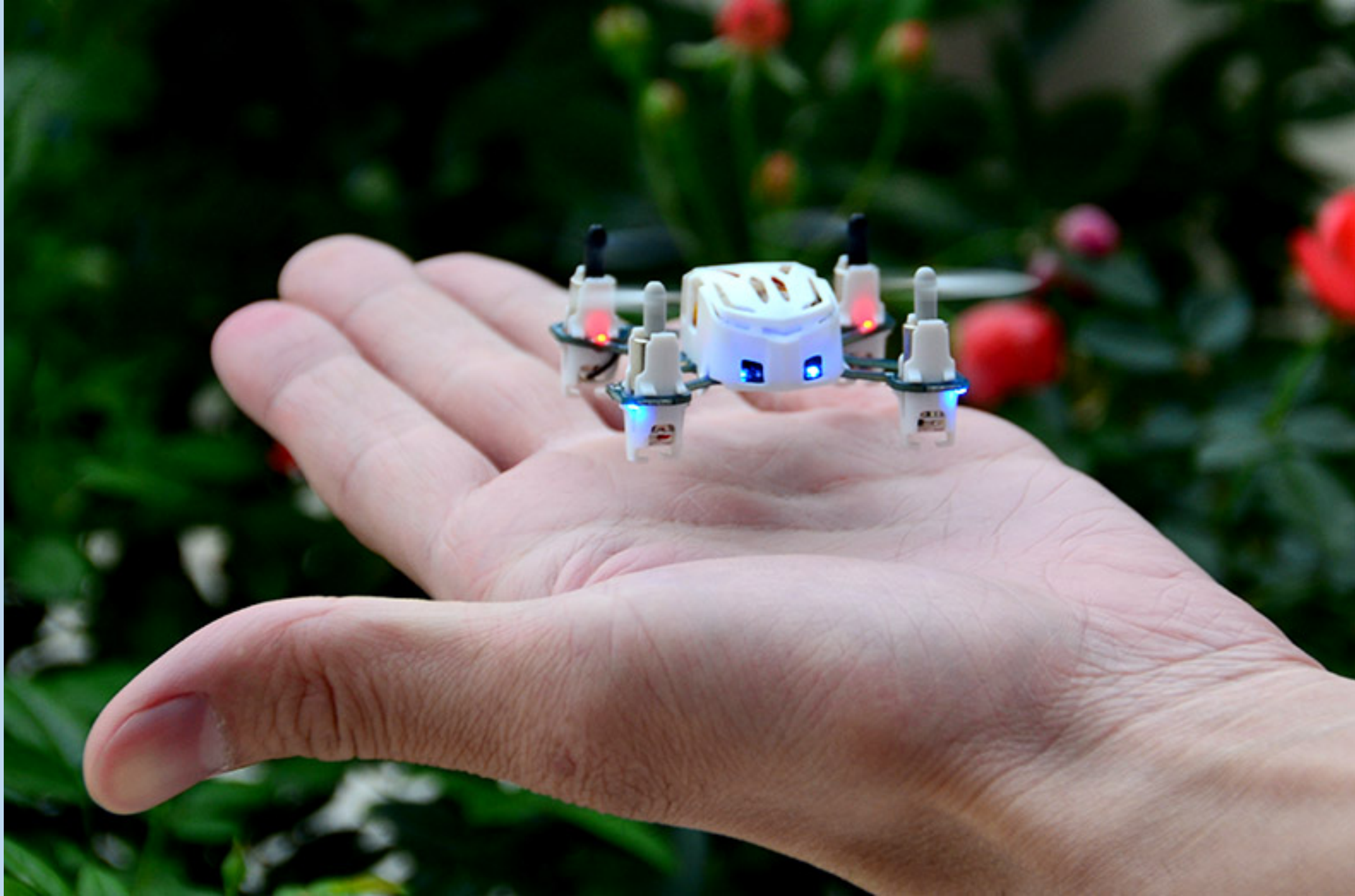


Gear Holder



Drone Pilot







FARS

Photo : Hassan Mousavi

 FARS NEWS AGENCY



UAV



marines



army



navy



air force

www.StrangeCosmos.com

CHOICES





Visegrád

10T **Sys-4k** 2 weeks ago



01:00



Visegrád

1:01 **895-4k** 2 weeks ago





$0,5 * 7 * (200 / 3,6)^2 =$
10802,47 Joule



0,5*
108
loule



0,5*
108
loule





$0,5 * 7 * (200 / 3,6)^2 =$
 $10802,47 \text{ Joule}$





Birdstrike on Harrier Jet







Unmanned aircraft systems job potential

The drone industry has the potential to create more than 70,000 new jobs, including more than 34,000 in manufacturing, nationwide in the first three years. The jobs will be high-paying and require technical degrees.

Consultant

\$70,500 - \$145,000

Systems Engineer

\$72,350 - \$127,000

UAS Pilot

\$85,000 - \$115,000

**Instructor/
Training**

\$74,500 - \$93,000

Payload Operator

\$74,500 - \$93,000

Imagery Analyst

\$57,350 - \$84,600

Manufacturing

\$45,700 - \$67,890

Maintenance Specialist

\$59,500 - \$67,500

\$0

\$30,000

\$60,000

\$90,000

\$120,000

\$150,000

Salary



NATO/PFP UNCLASSIFIED

STANAG 4670

Edition 1

NORTH ATLANTIC TREATY ORGANIZATION (NATO)

NATO STANDARDIZATION AGENCY (NSA)

STANDARDIZATION AGREEMENT (STANAG)

SUBJECT:

**Recommended Guidance for the
Training of Designated
Unmanned Aerial Vehicle
Operator (DUO)**



<http://www.sott.net/article/254829-The-woes-of-an-American-drone-operator>

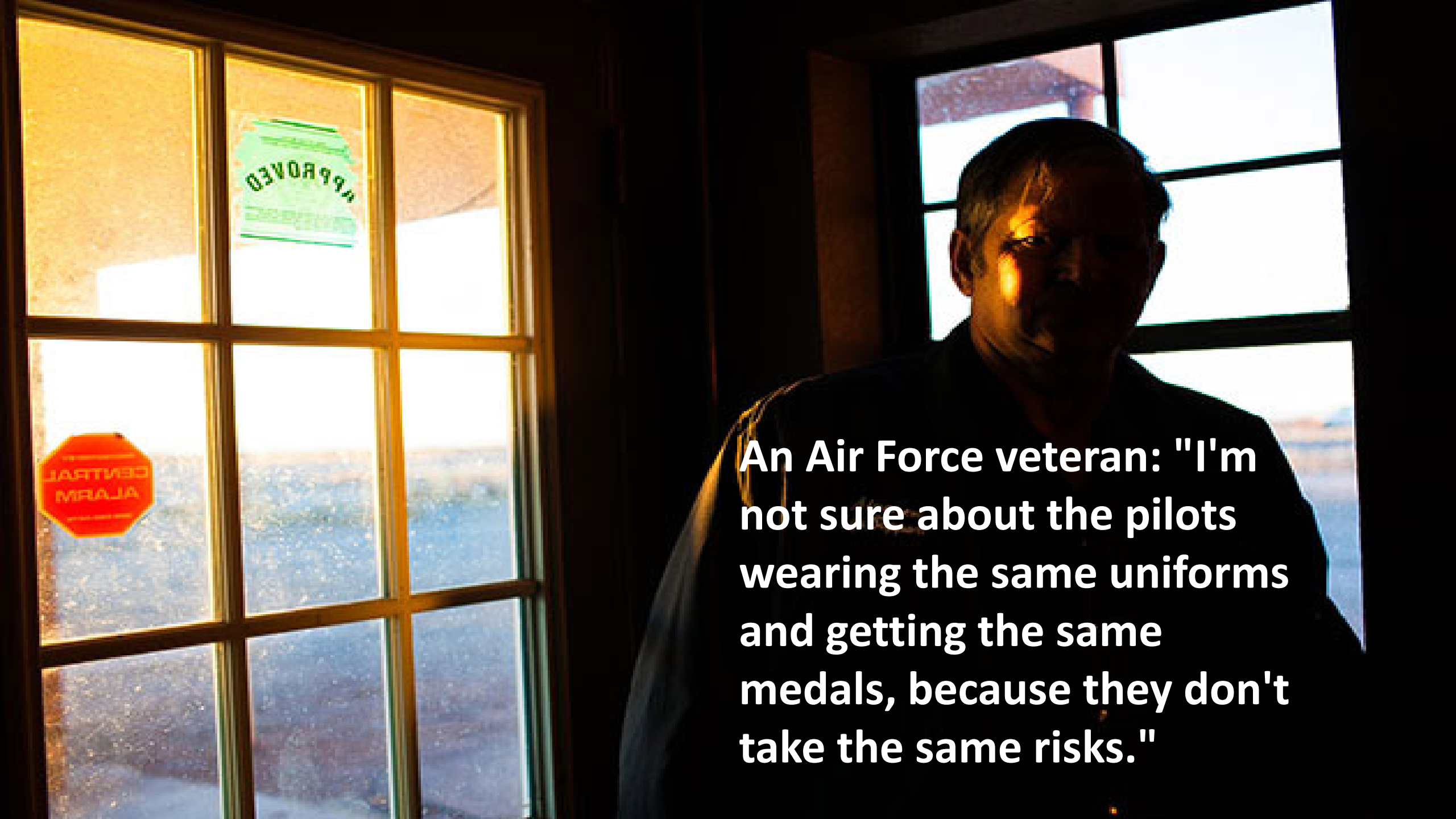




"Hey, what motherfucker is going to die today?"

<http://www.sott.net/article/254829-The-woes-of-an-American-drone-operator>





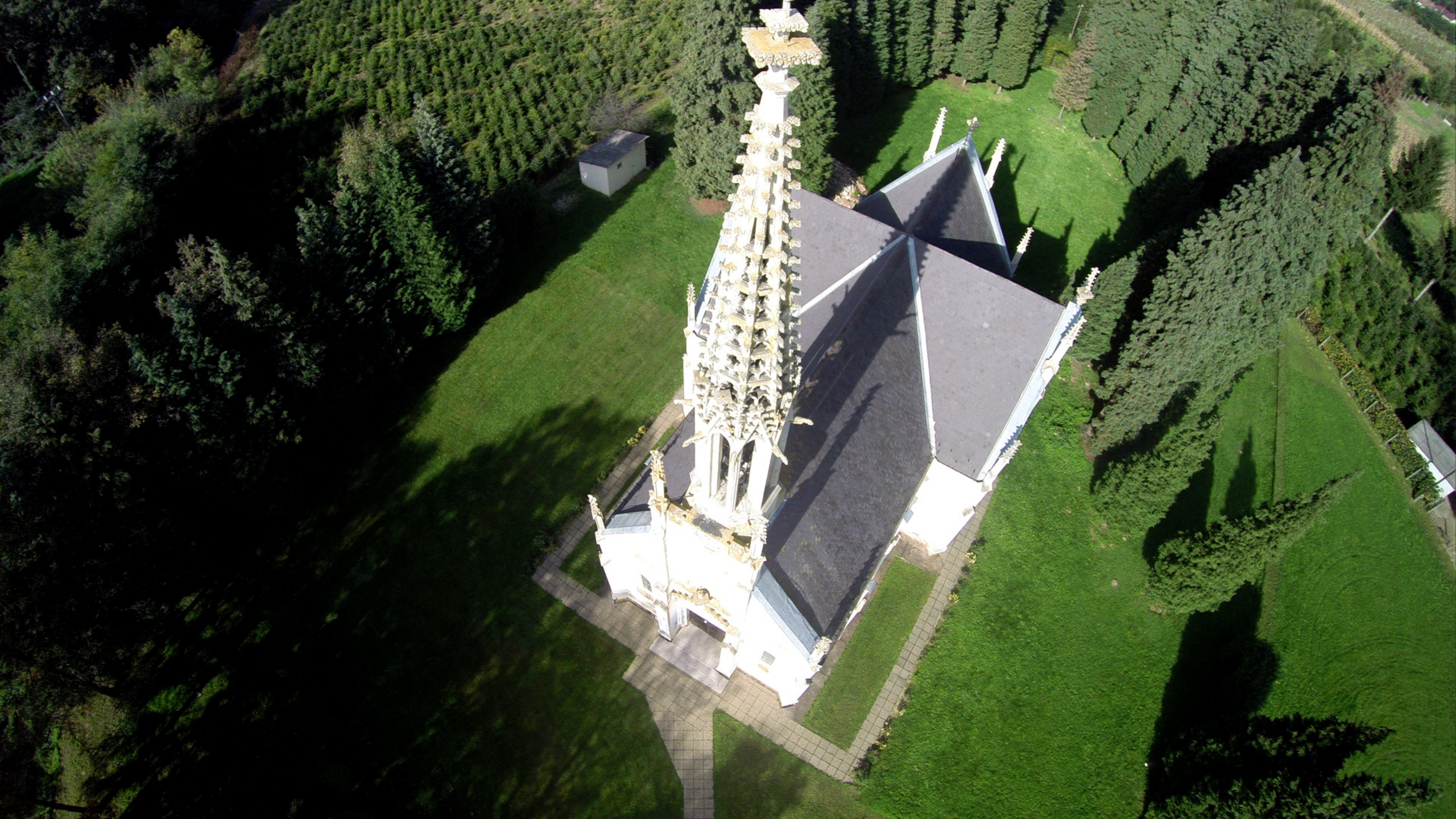
An Air Force veteran: "I'm not sure about the pilots wearing the same uniforms and getting the same medals, because they don't take the same risks."













**Kék eget,
jó leszállást!**



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