

RECENTLY ENDOWED

Aircraft Center for Earth Studies (ACES)

- Endowed “G. Unger Vetlesen Professor of Earth Studies” (Director)
- Endowed Research Professorship/Engineer
- Endowment for a Drone Shop
- Helicopter Observation Platform

Fundraising to replace the Walton Smith Research Vessel with a new one that would be designed to launch drones and other manned and unmanned vehicles for oceanographic research missions

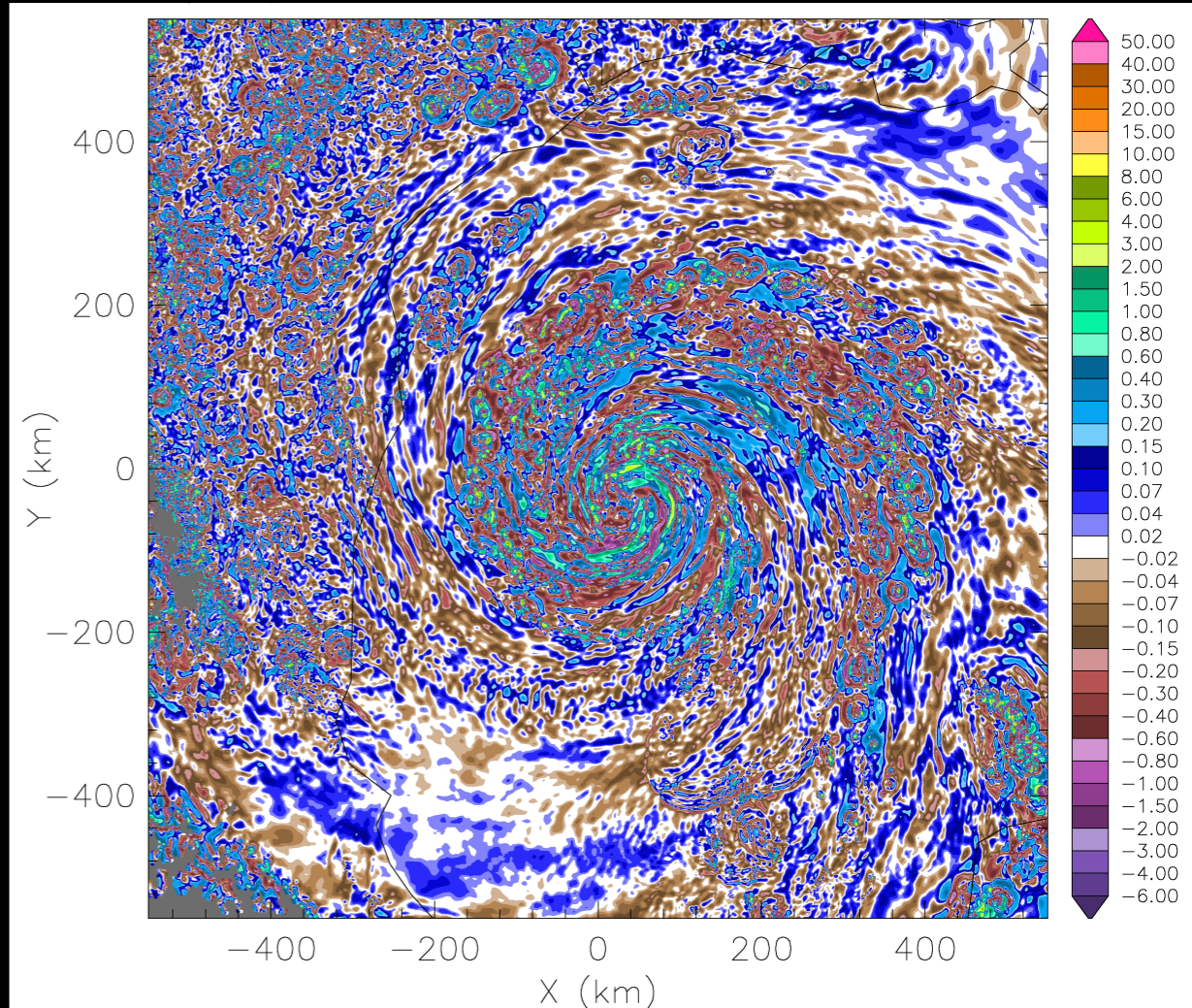




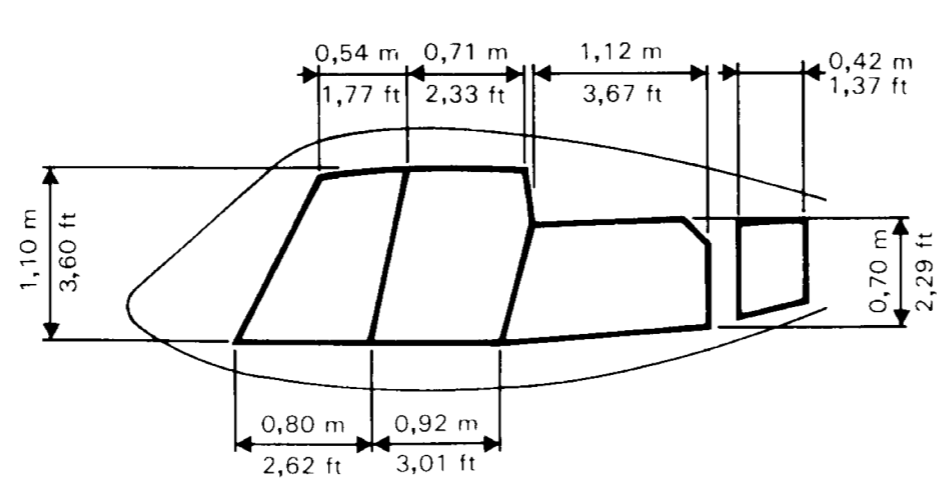
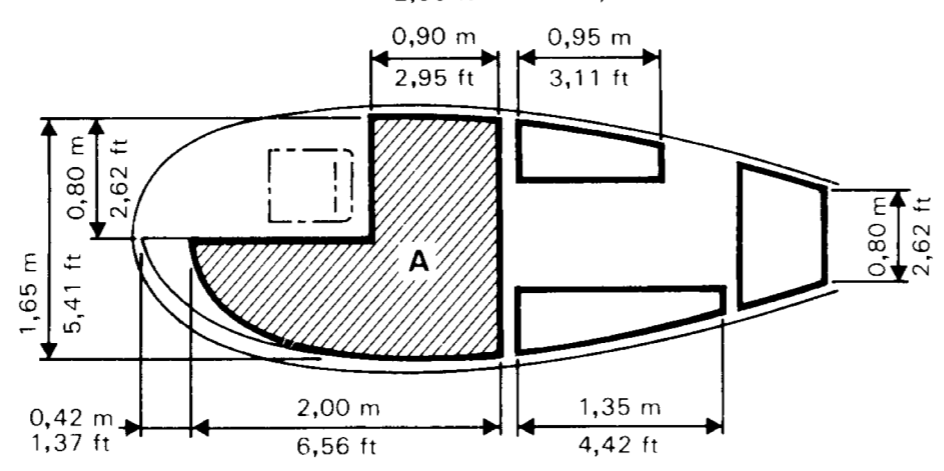
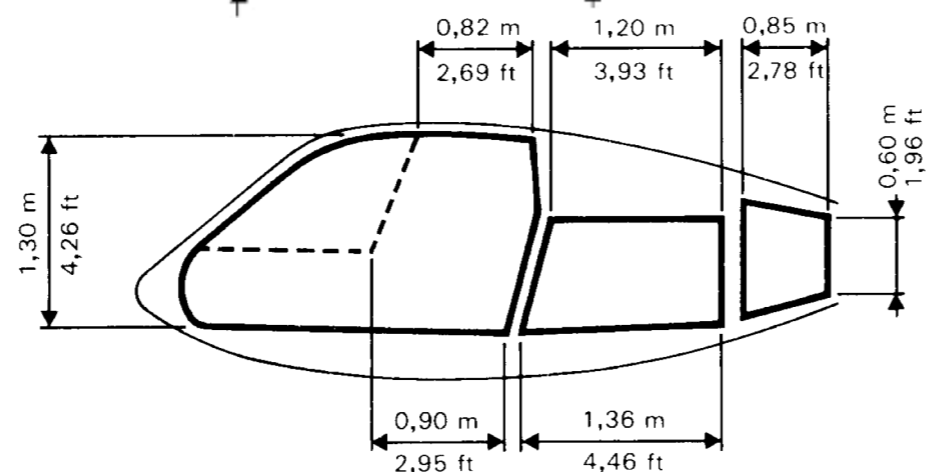
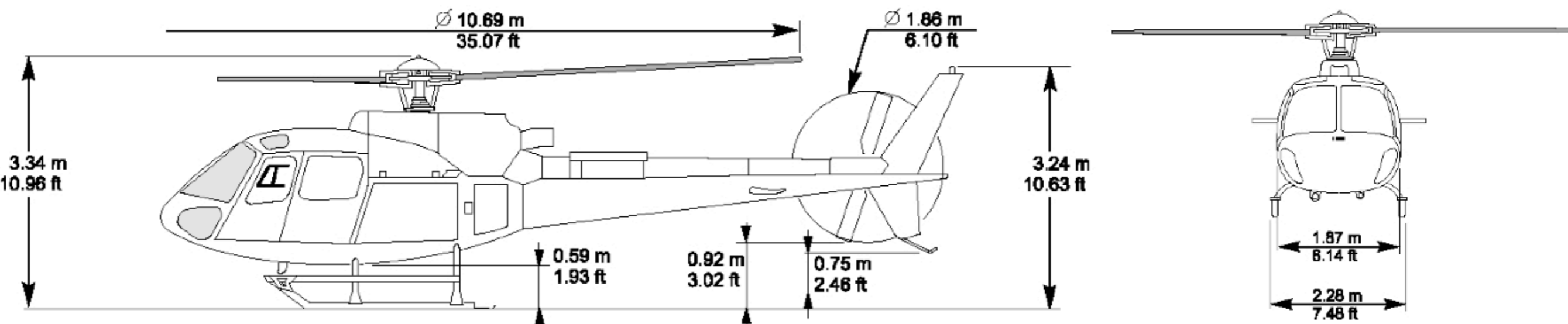


The University of Miami **Helicopter Observation Platform (HOP)** equipped with its **Quadruple Eddy Covariance System (QECS)** for the detection of gravity waves and turbulence fluxes

Hurricane Irma 2D field of gravity waves simulated at 2,000 m MSL with the University of Miami Ocean-Land-Atmosphere Model (OLAM)



43200.0 sec
0.50 days
Z 2000.0 m
MIN -4.49565
MAX 13.5000



CABIN	
Surface	2.60 m ²
A	27.98 ft ²
Volume	3.000 m ³
	105.94 ft ³
LH HOLD	
Surface	0.43 m ²
	4.62 ft ²
Volume	0.235 m ³
	8.29 ft ³
RH HOLD	
Surface	0.35 m ²
	3.76 ft ²
Volume	0.200 m ³
	7.06 ft ³
REAR HOLD	
Surface	0.55 m ²
	5.92 ft ²
Volume	0.565 m ³
	19.95 ft ³
TOTAL HOLDS	
Surface	1.33 m ²
	14.3 ft ²
Volume	1.000 m ³
	35.30 ft ³



FUEL
STARBUCK PUMP
TO ALL SYSTEMS

